

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121819.D
 Acq On : 5 Oct 2020 16:09
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 05 17:14:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107537	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	404325	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	213387	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	406928	20.00	ng	0.00
76) Chrysene-d12	13.93	240	335724	20.00	ng	0.00
86) Perylene-d12	15.36	264	315447	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	588721	81.36	ng	-0.01
7) Phenol-d6	6.41	99	757845	79.83	ng	0.00
23) Nitrobenzene-d5	7.33	82	637049	84.60	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	226302	85.33	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1127208	80.00	ng	0.00
79) Terphenyl-d14	12.87	244	1364767	82.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	128201	38.564	ng	99
3) Pyridine	3.16	79	364011	39.609	ng	98
4) n-Nitrosodimethylamine	3.11	42	163131	38.268	ng	99
6) Aniline	6.43	93	469721	37.991	ng	# 82
8) 2-Chlorophenol	6.55	128	302390	41.045	ng	98
9) Benzaldehyde	6.32	77	219928	35.438	ng	98
10) Phenol	6.42	94	391654	38.742	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	305367	40.079	ng	99
12) 1,3-Dichlorobenzene	6.70	146	335516	40.802	ng	98
13) 1,4-Dichlorobenzene	6.78	146	335168	40.593	ng	99
14) 1,2-Dichlorobenzene	6.93	146	311088	40.899	ng	97
15) Benzyl Alcohol	6.91	79	264170	40.941	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	487574	39.767	ng	97
17) 2-Methylphenol	7.03	107	251665	40.147	ng	99
18) Hexachloroethane	7.27	117	123419	41.746	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	218184	39.878	ng	99
20) 3+4-Methylphenols	7.18	107	302581	40.175	ng	93
22) Acetophenone	7.18	105	414046	40.361	ng	# 95
24) Nitrobenzene	7.35	77	340431	41.798	ng	98
25) Isophorone	7.59	82	606912	40.037	ng	99
26) 2-Nitrophenol	7.67	139	163011	42.807	ng	99
27) 2,4-Dimethylphenol	7.71	122	270448	39.968	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	388641	41.413	ng	99
29) 2,4-Dichlorophenol	7.91	162	255003	41.376	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	265397	40.888	ng	100
31) Naphthalene	8.07	128	879681	41.215	ng	99
32) Benzoic acid	7.85	122	142994	31.167	ng	97
33) 4-Chloroaniline	8.12	127	381277	41.210	ng	99
34) Hexachlorobutadiene	8.19	225	158130	41.505	ng	99
35) Caprolactam	8.50	113	86409	42.102	ng	96
36) 4-Chloro-3-methylphenol	8.61	107	276158	41.595	ng	99
37) 2-Methylnaphthalene	8.76	142	577408	41.281	ng	99
38) 1-Methylnaphthalene	8.86	142	531209	40.807	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	272714	40.914	ng	100

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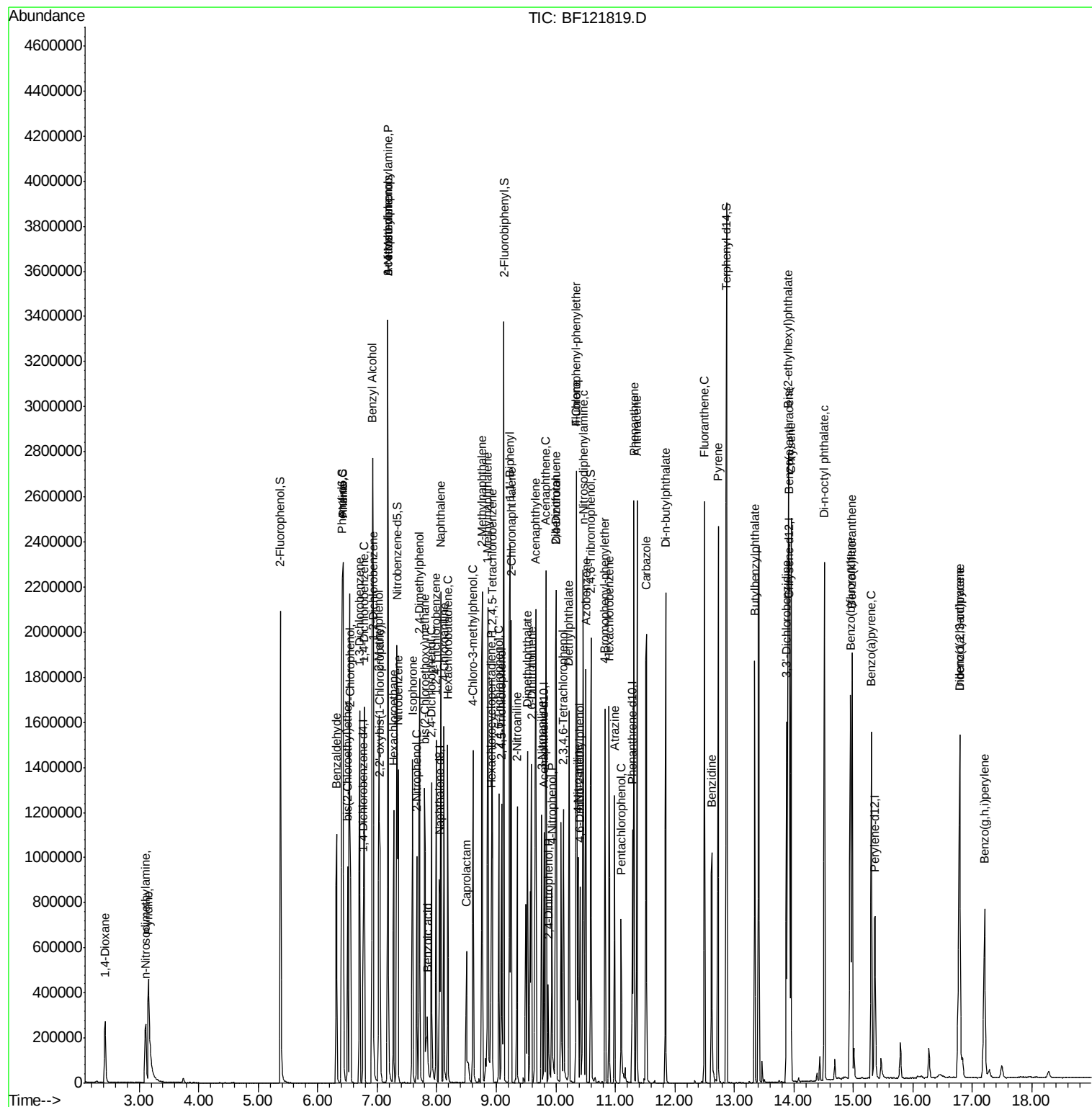
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	147537	38.759	ng	98
43) 2,4,6-Trichlorophenol	9.05	196	176604	38.871	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	189077	39.366	ng	99
46) 1,1'-Biphenyl	9.23	154	691371	40.471	ng	99
47) 2-Chloronaphthalene	9.25	162	544702	40.463	ng	98
48) 2-Nitroaniline	9.35	65	184522	44.109	ng	95
49) Acenaphthylene	9.66	152	843421	40.777	ng	99
50) Dimethylphthalate	9.53	163	648448	41.927	ng	100
51) 2,6-Dinitrotoluene	9.59	165	145092	44.051	ng	94
52) Acenaphthene	9.83	154	499416	38.228	ng	100
53) 3-Nitroaniline	9.76	138	161168	42.239	ng	100
54) 2,4-Dinitrophenol	9.87	184	63725	38.798	ng	# 89
55) Dibenzofuran	10.01	168	742387	40.352	ng	98
56) 4-Nitrophenol	9.93	139	139648	45.893	ng	88
57) 2,4-Dinitrotoluene	10.00	165	185755	44.828	ng	99
58) Fluorene	10.35	166	589013	41.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	160826	41.188	ng	97
60) Diethylphthalate	10.23	149	638735	42.359	ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	287230	42.618	ng	96
62) 4-Nitroaniline	10.37	138	166749	44.014	ng	99
63) Azobenzene	10.50	77	664725	41.396	ng	96
65) 4,6-Dinitro-2-methylphenol	10.41	198	105197	42.967	ng	97
66) n-Nitrosodiphenylamine	10.46	169	554117	39.691	ng	99
67) 4-Bromophenyl-phenylether	10.83	248	192049	41.452	ng	96
68) Hexachlorobenzene	10.90	284	211112	40.377	ng	98
69) Atrazine	10.99	200	144579	41.684	ng	100
70) Pentachlorophenol	11.10	266	104546	36.409	ng	97
71) Phenanthrene	11.31	178	885002	39.917	ng	99
72) Anthracene	11.36	178	922735	40.330	ng	100
73) Carbazole	11.52	167	832574	40.325	ng	99
74) Di-n-butylphthalate	11.84	149	1018822	42.754	ng	100
75) Fluoranthene	12.50	202	972841	41.105	ng	99
77) Benzidine	12.62	184	410638	36.895	ng	99
78) Pyrene	12.73	202	986186	40.205	ng	100
80) Butylbenzylphthalate	13.34	149	440947	44.449	ng	94
81) Benzo(a)anthracene	13.92	228	880063	41.435	ng	100
82) 3,3'-Dichlorobenzidine	13.87	252	345851	41.709	ng	# 98
83) Chrysene	13.95	228	870684	40.482	ng	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	612314	46.203	ng	# 99
85) Di-n-octyl phthalate	14.51	149	1026953	43.908	ng	99
87) Indeno(1,2,3-cd)pyrene	16.78	276	750604	36.538	ng	100
88) Benzo(b)fluoranthene	14.95	252	866417	41.086	ng	99
89) Benzo(k)fluoranthene	14.98	252	796123	41.226	ng	100
90) Benzo(a)pyrene	15.30	252	736989	41.114	ng	99
91) Dibenzo(a,h)anthracene	16.79	278	626407	36.631	ng	99
92) Benzo(g,h,i)perylene	17.20	276	605173	36.002	ng	97

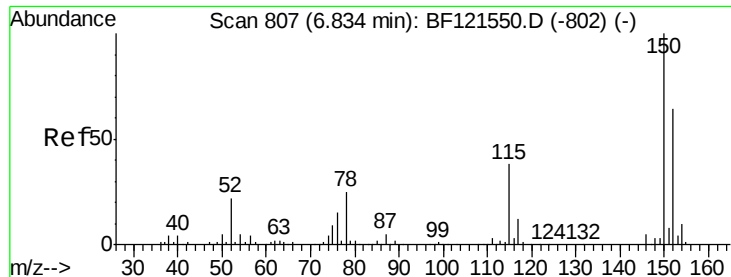
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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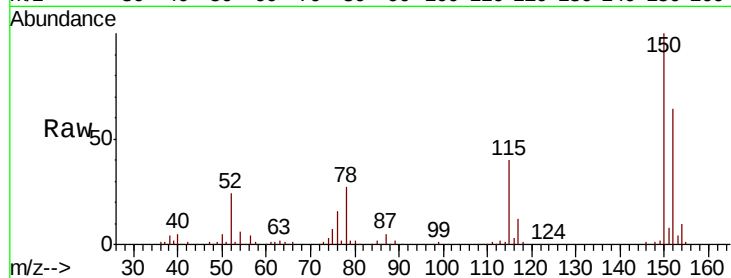


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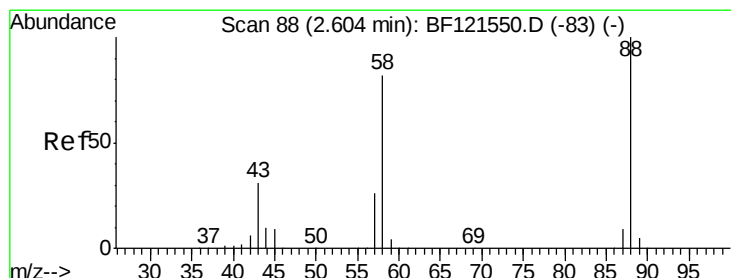
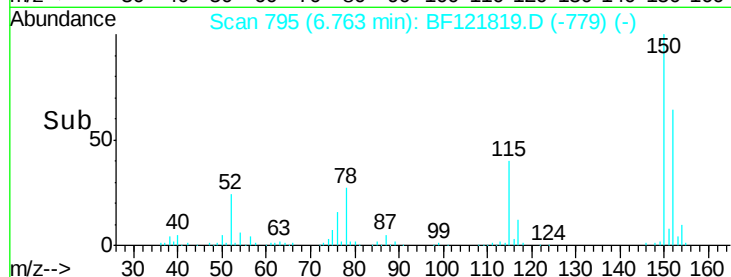
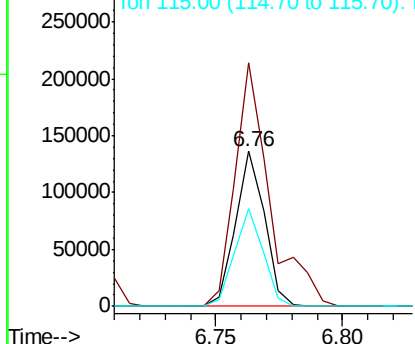
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 107537
Ion Ratio Lower Upper
152 100
150 157.2 125.3 187.9
115 62.9 51.9 77.9



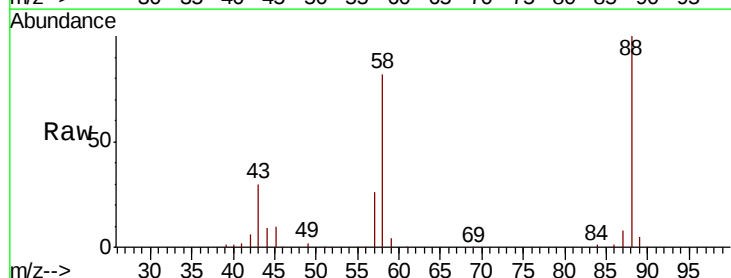
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



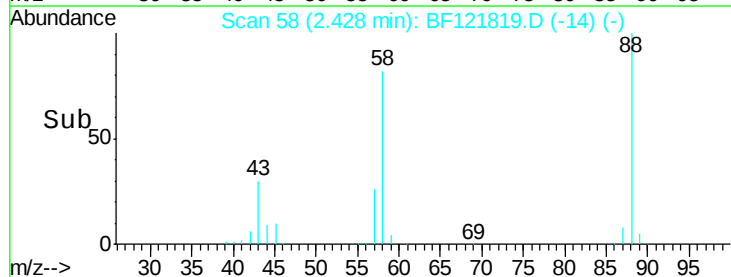
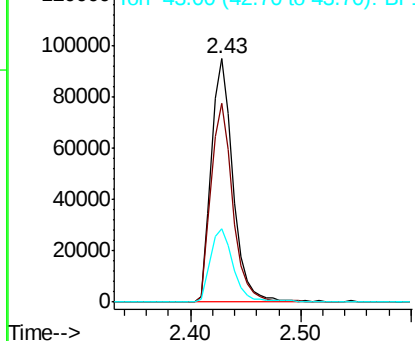
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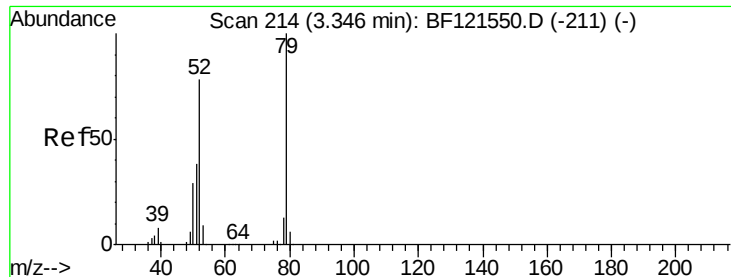
1,4-Dioxane
Concen: 38.564 ng
RT: 2.43 min Scan# 58
Delta R.T. -0.04 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion: 88 Resp: 128201
Ion Ratio Lower Upper
88 100
58 81.7 65.8 98.8
43 31.8 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.609 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.04 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

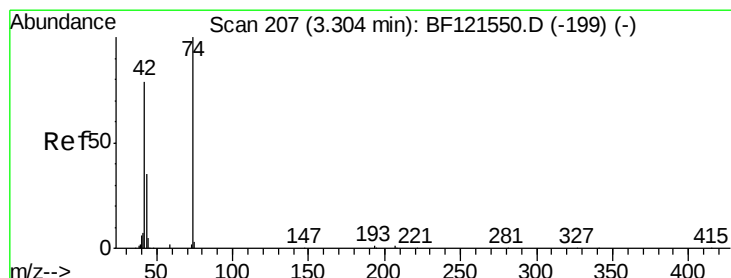
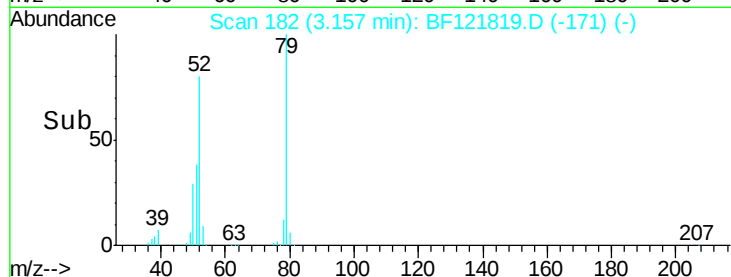
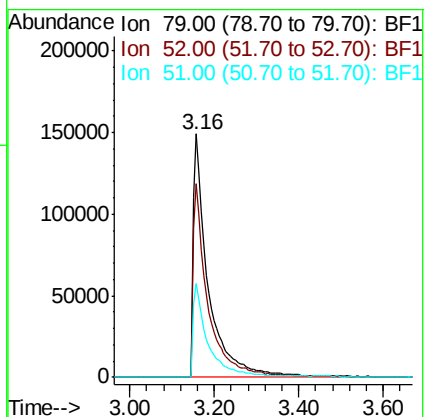
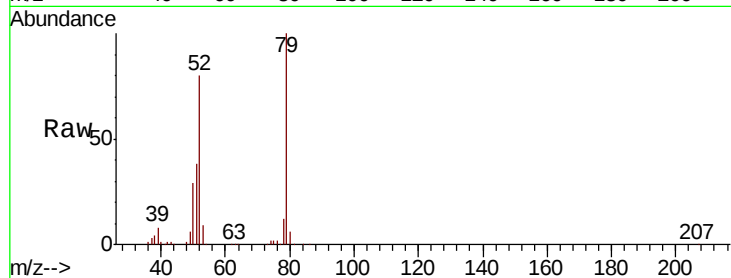
Tot Ion: 79 Resp: 364011

Ion Ratio Lower Upper

79 100

52 79.7 62.2 93.4

51 38.4 31.1 46.7



#4

n-Nitrosodimethylamine

Concen: 38.268 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.05 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

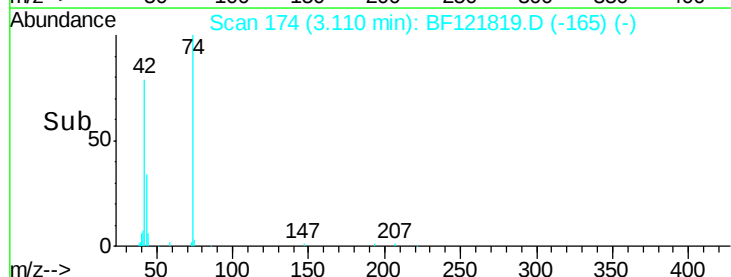
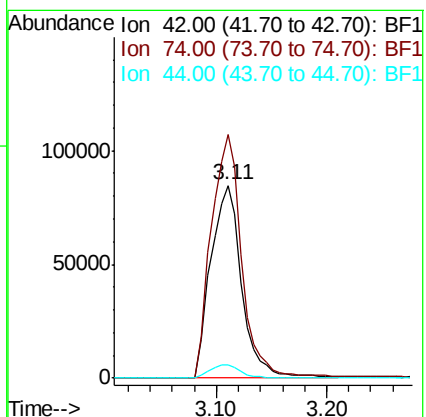
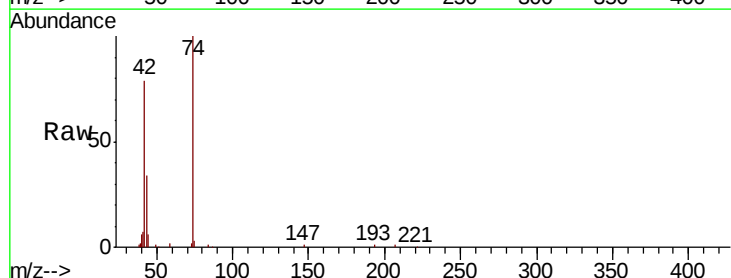
Tgt Ion: 42 Resp: 163131

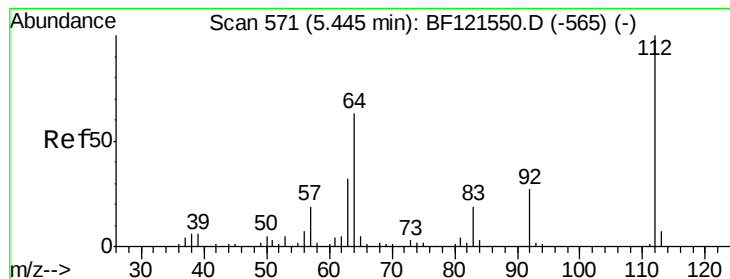
Ion Ratio Lower Upper

42 100

74 126.3 100.2 150.2

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 81.359 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

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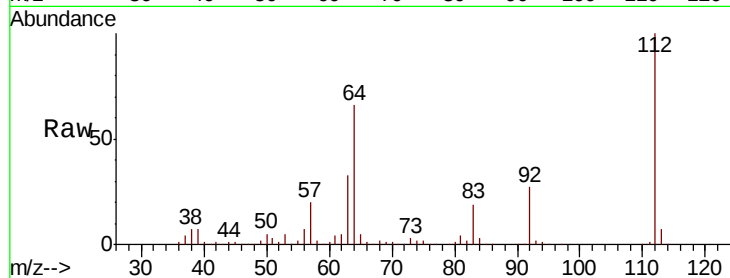
Tot Ion: 112 Resp: 588721

Ion Ratio Lower Upper

112 100

64 65.8 50.4 75.6

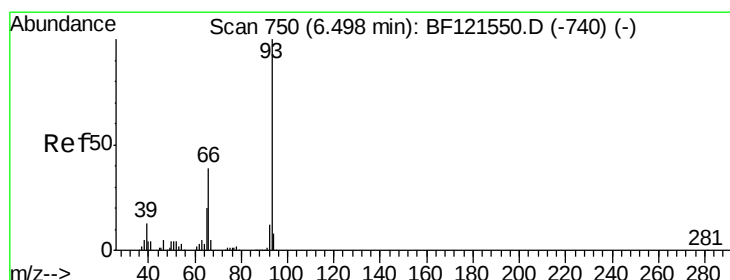
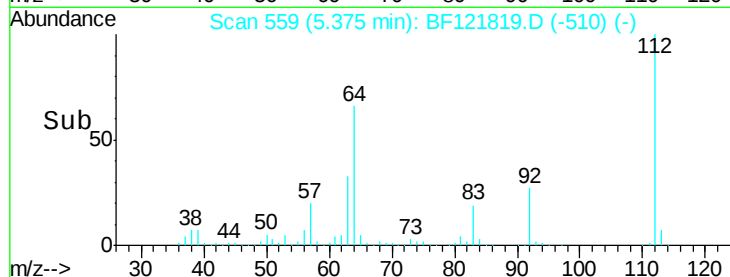
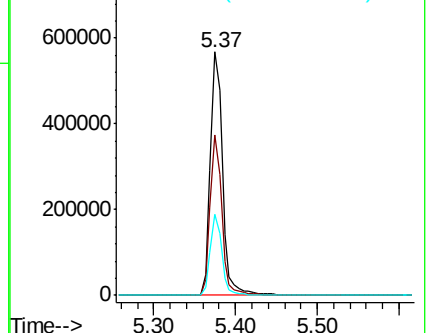
63 33.2 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.991 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

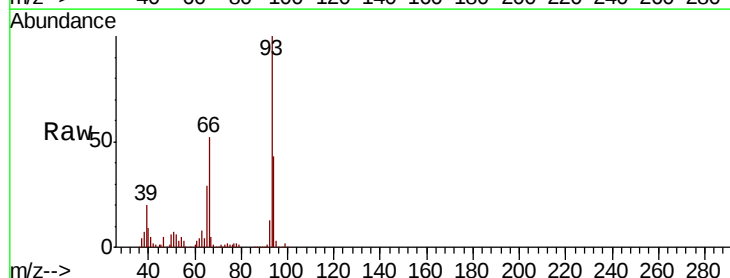
Tgt Ion: 93 Resp: 469721

Ion Ratio Lower Upper

93 100

66 52.3 32.7 49.1#

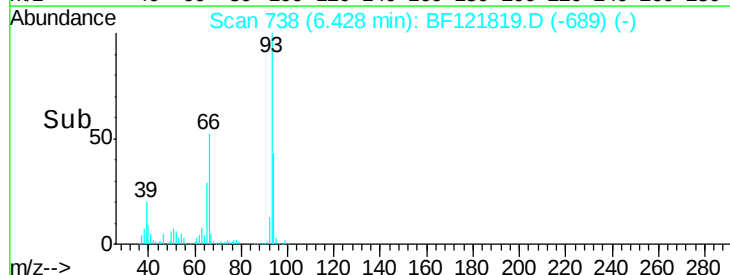
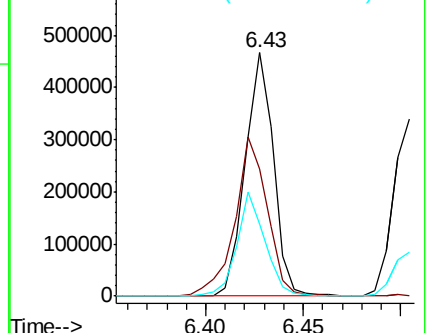
65 29.4 16.6 24.8#

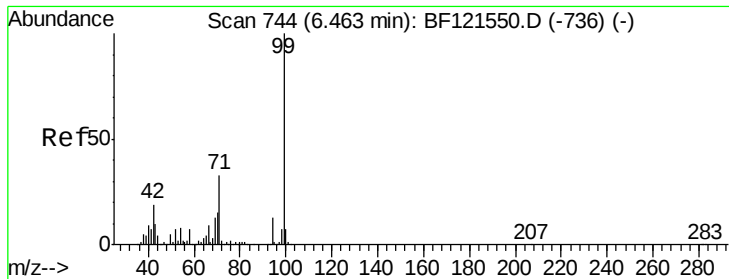


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.830 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

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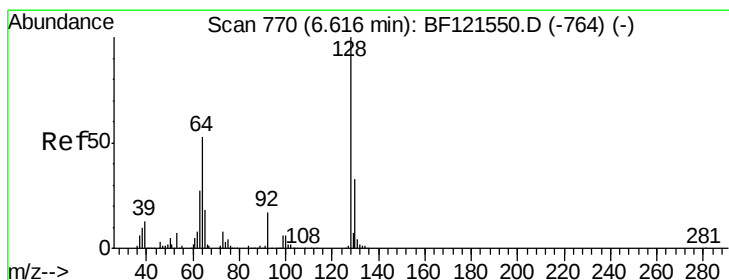
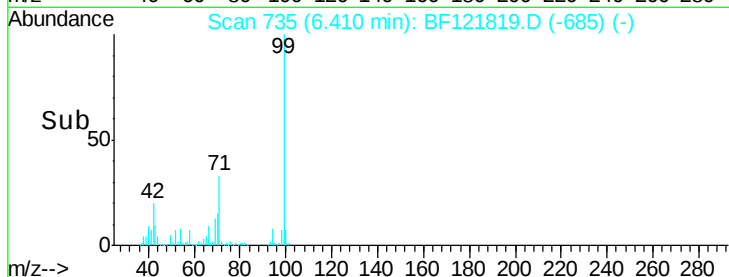
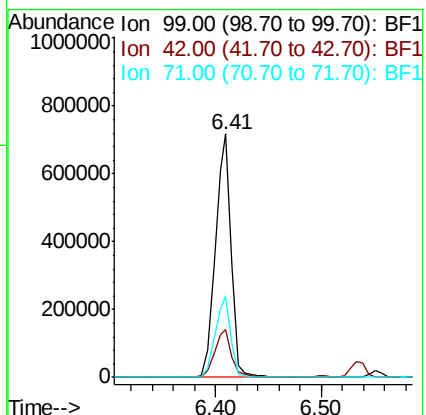
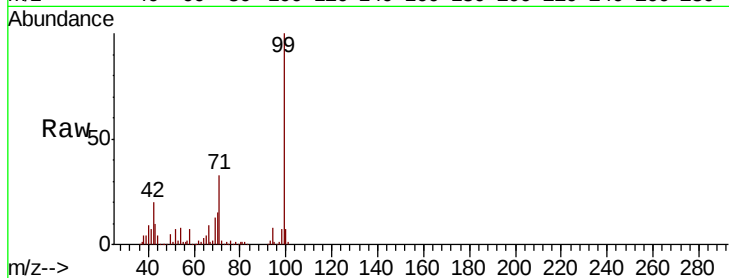
Tot Ion: 99 Resp: 757845

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

71 33.2 27.1 40.7



#8

2-Chlorophenol

Concen: 41.045 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

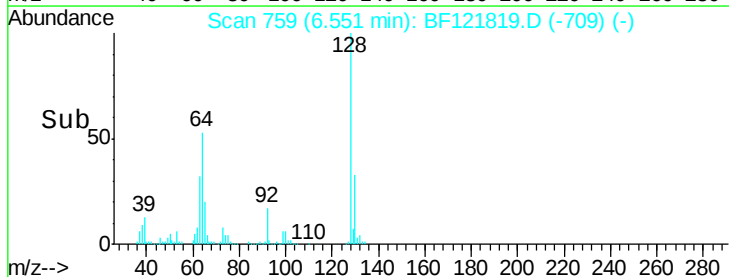
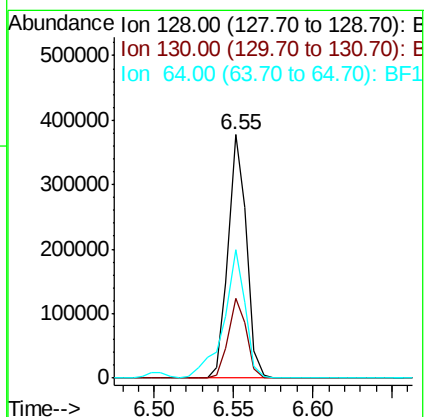
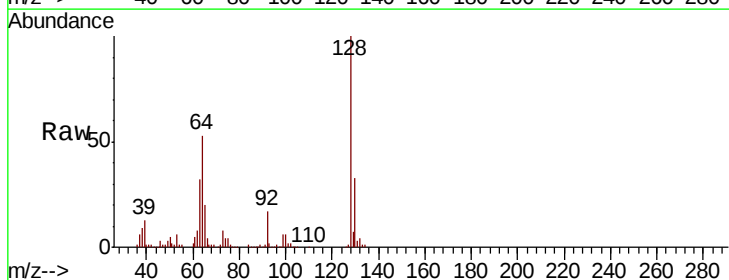
Tgt Ion: 128 Resp: 302390

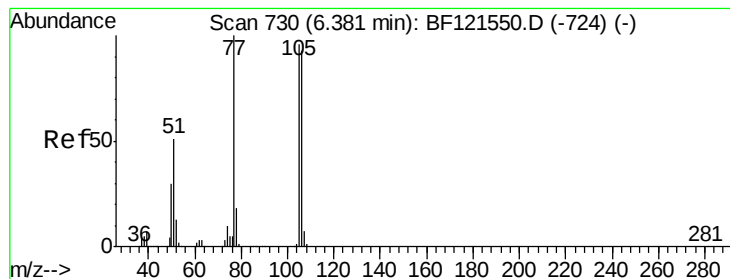
Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 52.9 34.8 74.8





#9

Benzaldehyde

Concen: 35.438 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

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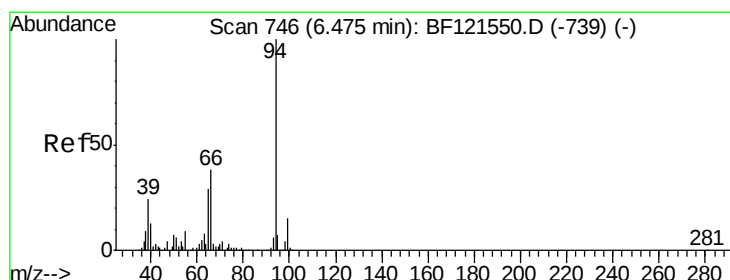
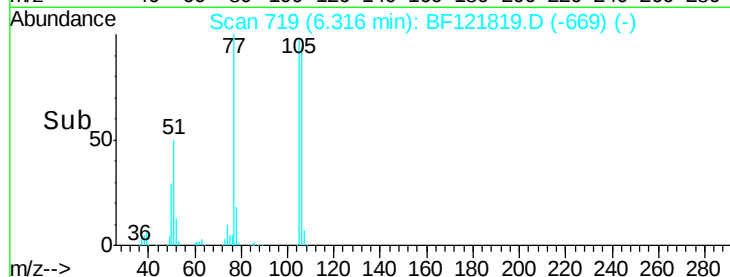
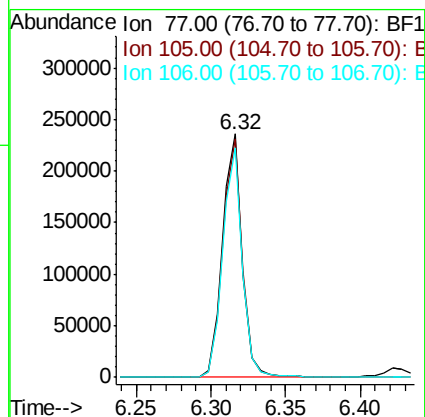
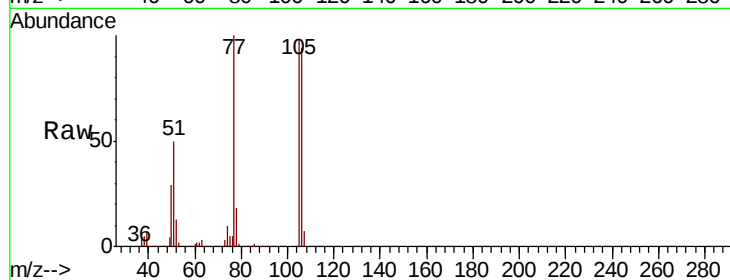
Tot Ion: 77 Resp: 219928

Ion Ratio Lower Upper

77 100

105 97.9 76.7 116.7

106 94.0 71.3 111.3



#10

Phenol

Concen: 38.742 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

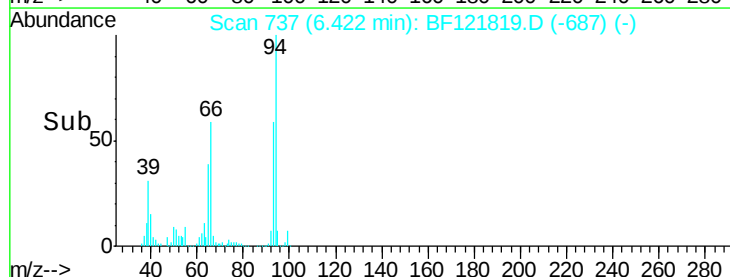
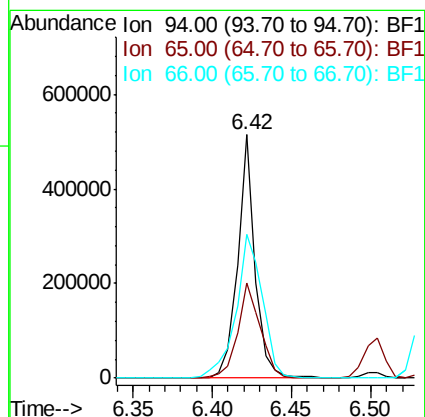
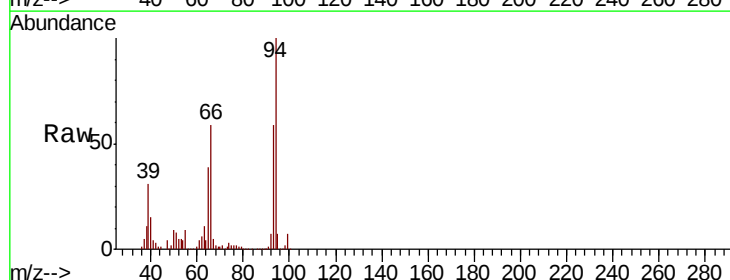
Tgt Ion: 94 Resp: 391654

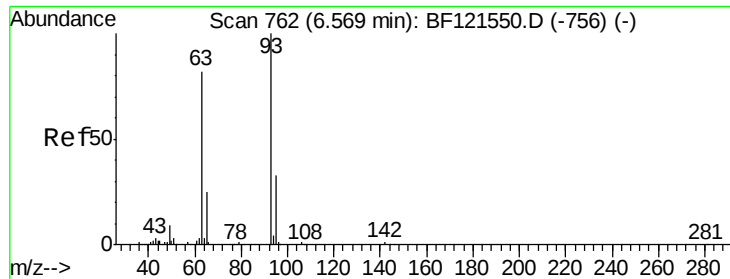
Ion Ratio Lower Upper

94 100

65 38.9 17.1 57.1

66 59.3 36.0 76.0

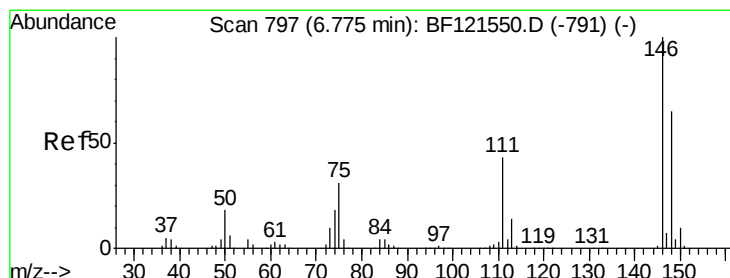
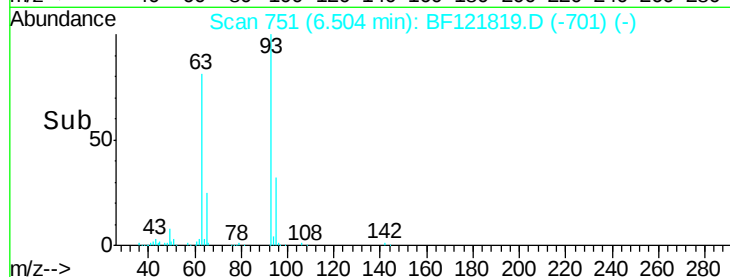
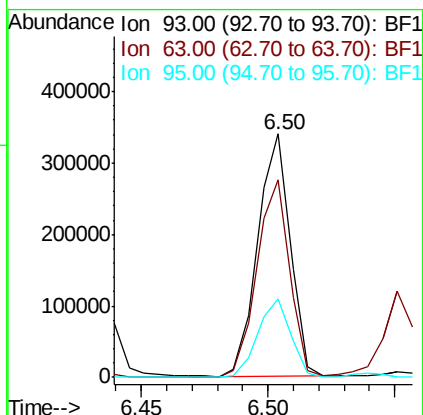
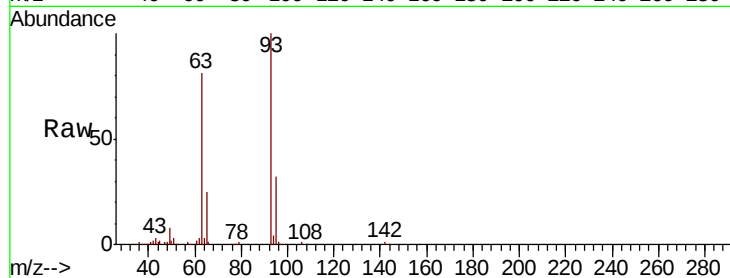




#11
bis(2-Chloroethyl)ether
Concen: 40.079 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

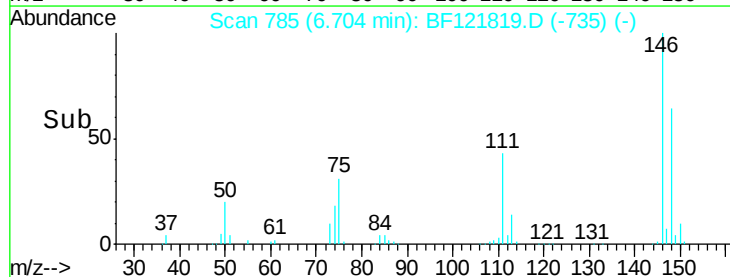
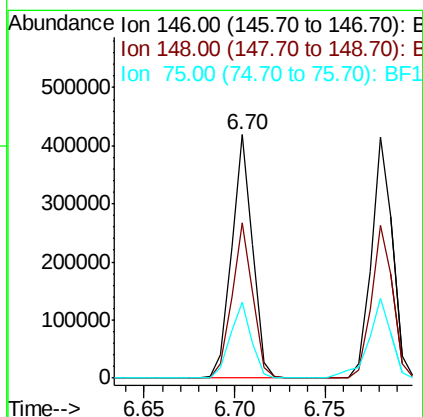
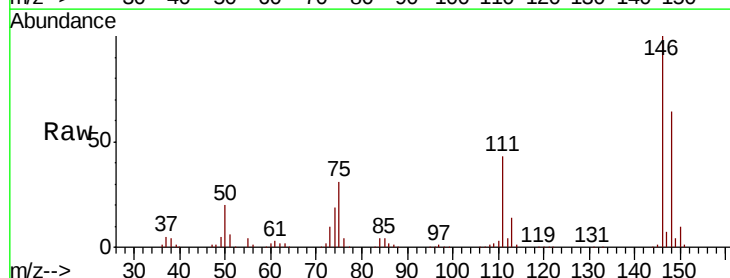
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

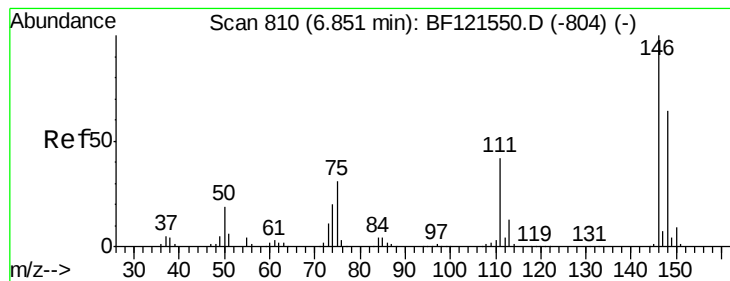
Tot Ion: 93 Resp: 305367
Ion Ratio Lower Upper
93 100
63 81.1 62.4 102.4
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.802 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion: 146 Resp: 335516
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 31.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.593 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

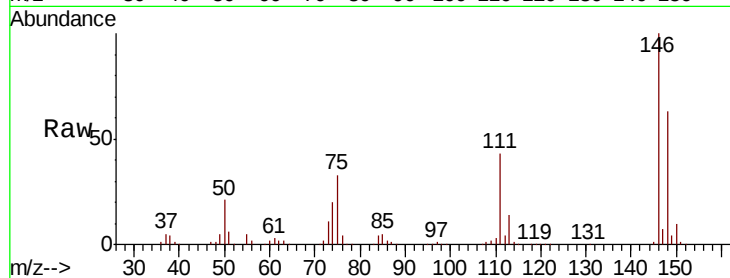
Tot Ion:146 Resp: 335168

Ion Ratio Lower Upper

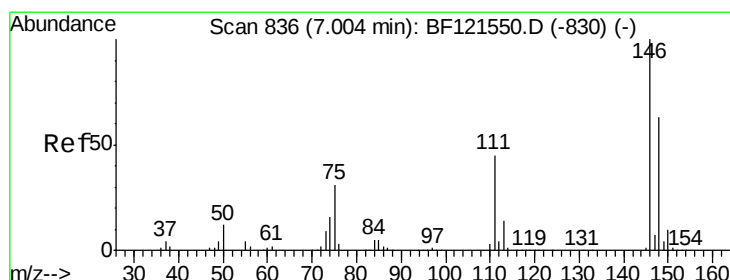
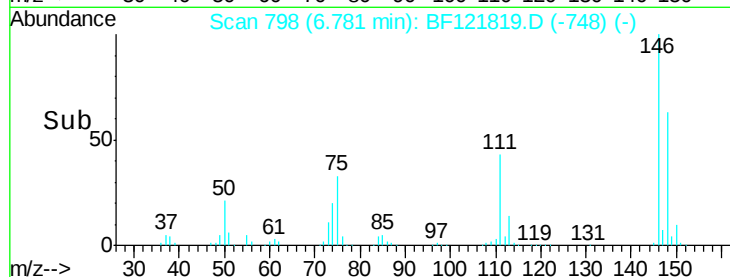
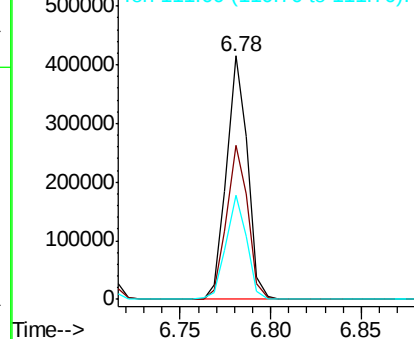
146 100

148 63.1 50.1 75.1

111 42.8 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.899 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

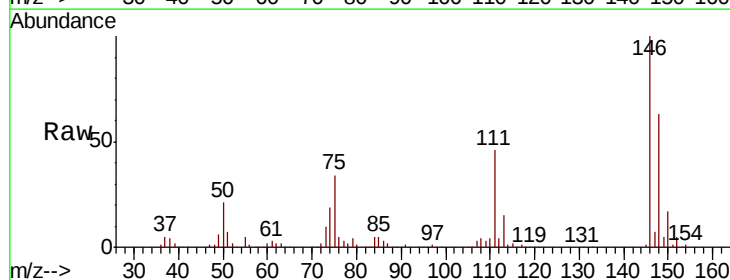
Tgt Ion:146 Resp: 311088

Ion Ratio Lower Upper

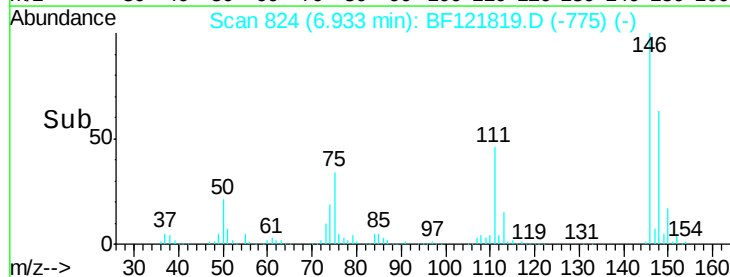
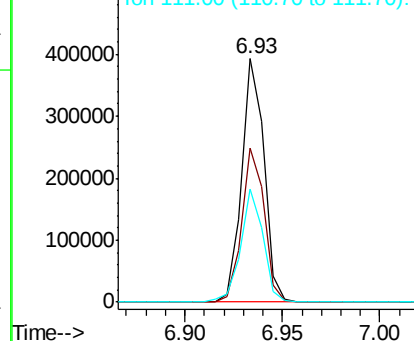
146 100

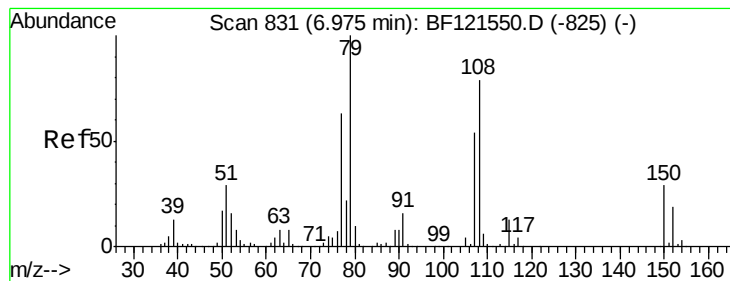
148 63.4 51.1 76.7

111 46.3 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.941 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

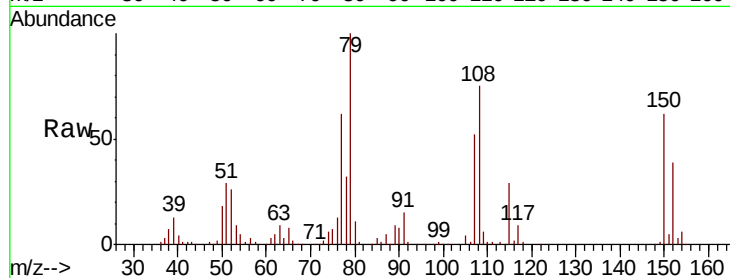
Tot Ion: 79 Resp: 264170

Ion Ratio Lower Upper

79 100

108 74.6 62.3 93.5

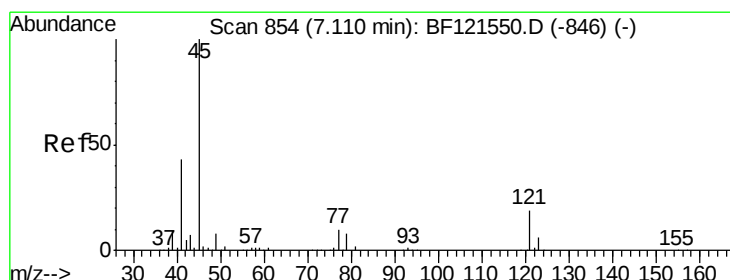
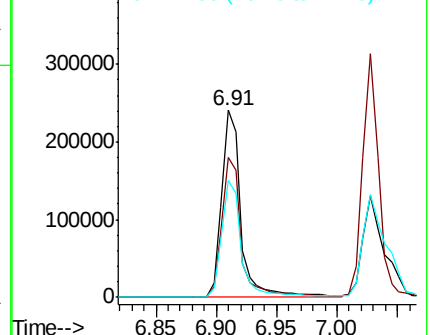
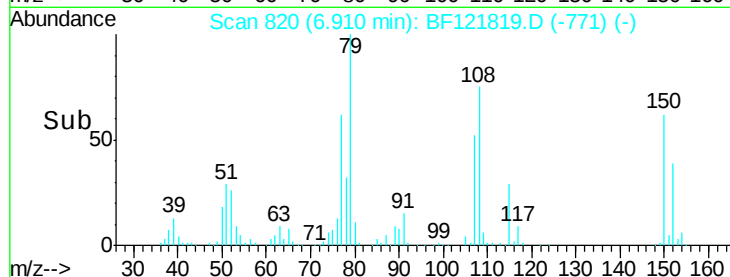
77 62.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.767 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

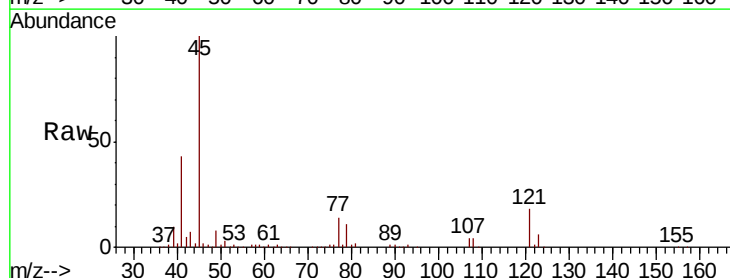
Tgt Ion: 45 Resp: 487574

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.3

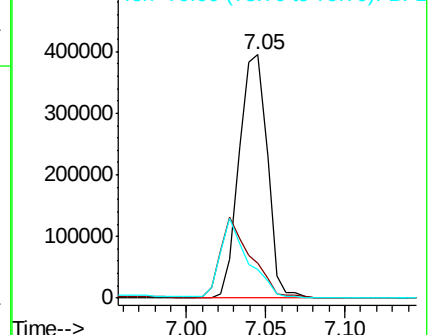
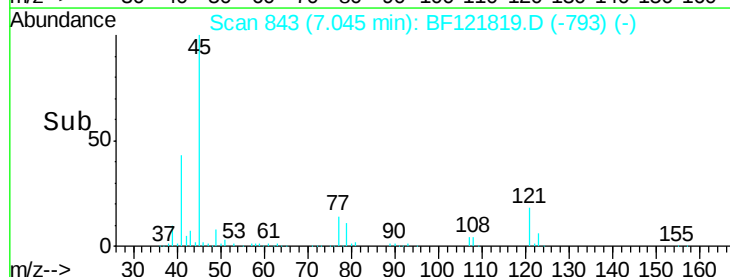
79 11.5 0.0 30.4

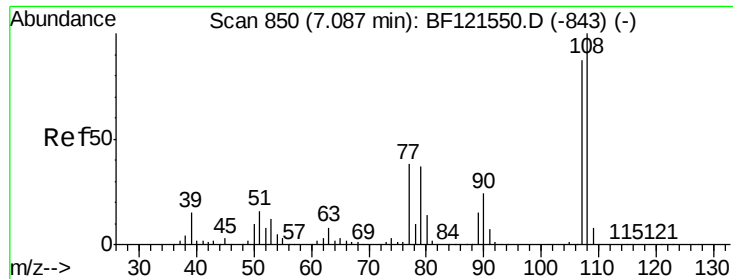


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

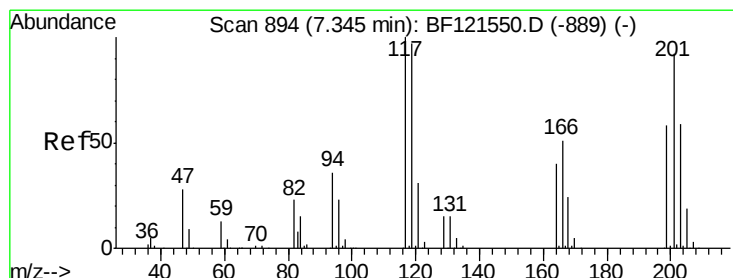
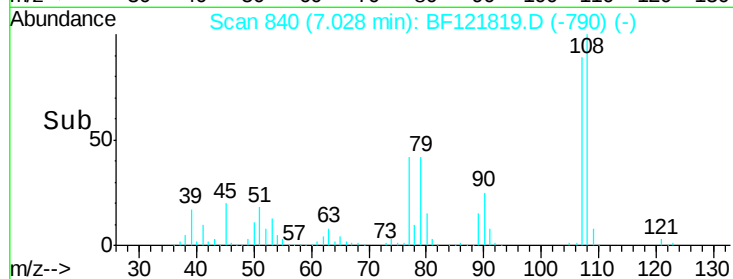
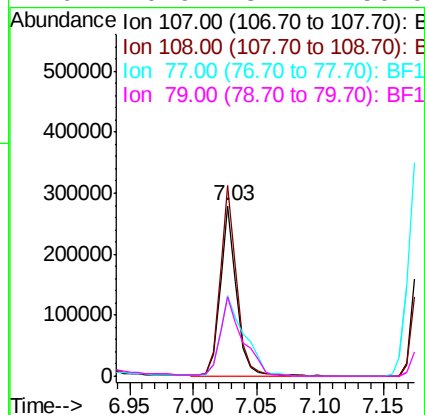
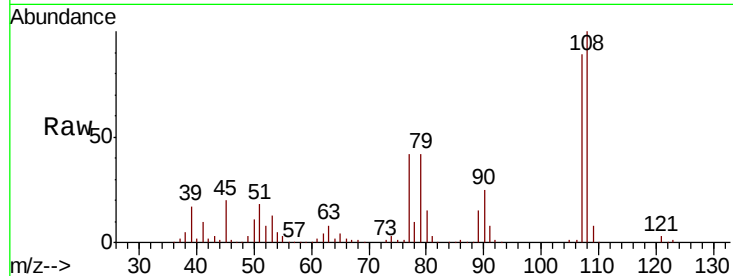




#17
2-Methylphenol
Concen: 40.147 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

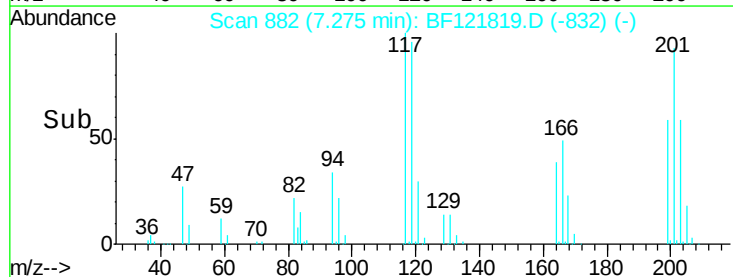
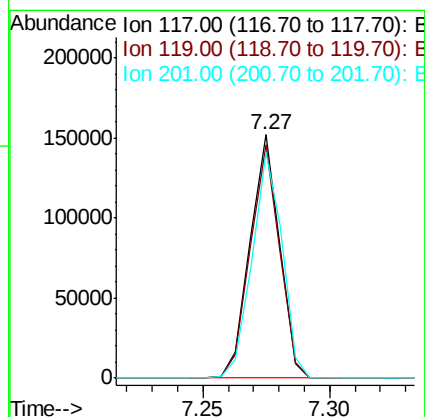
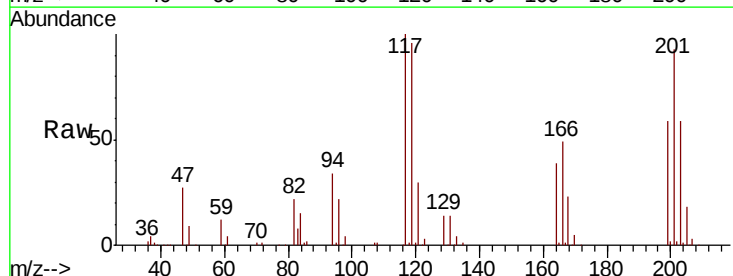
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

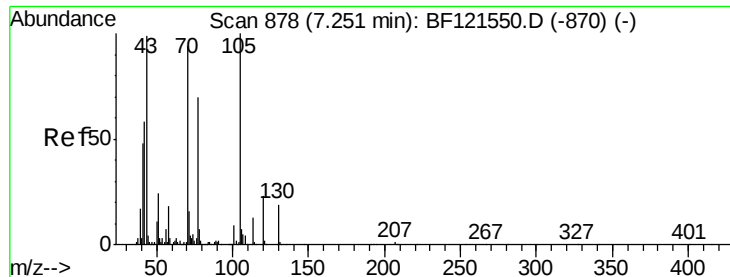
Tot Ion:	107	Resp:	251665
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	47.1	37.5	56.3
79	46.6	37.4	56.0



#18
Hexachloroethane
Concen: 41.746 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:	117	Resp:	123419
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.3	114.5
201	92.6	71.8	107.6

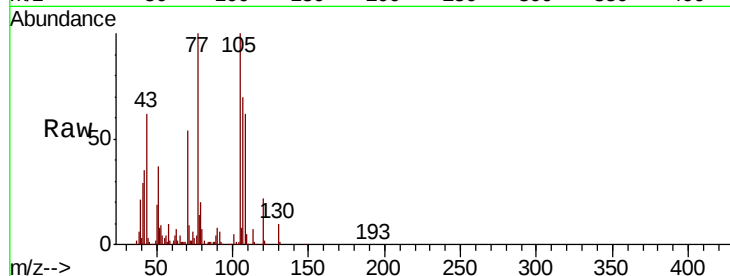




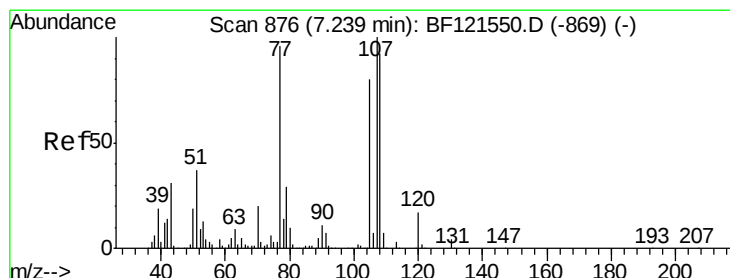
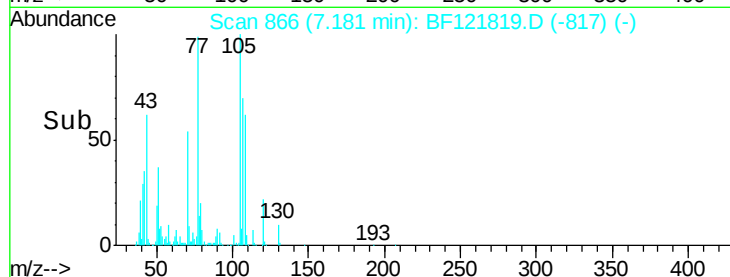
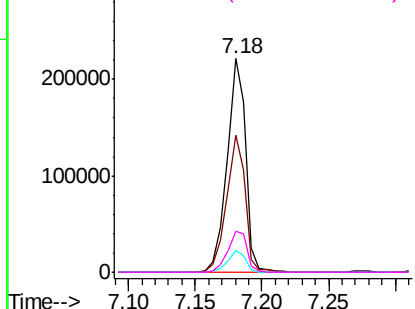
#19
n-Nitroso-di-n-propylamine
Concen: 39.878 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 218184
Ion Ratio Lower Upper
70 100
42 64.1 50.2 75.4
101 9.9 7.5 11.3
130 19.1 15.5 23.3



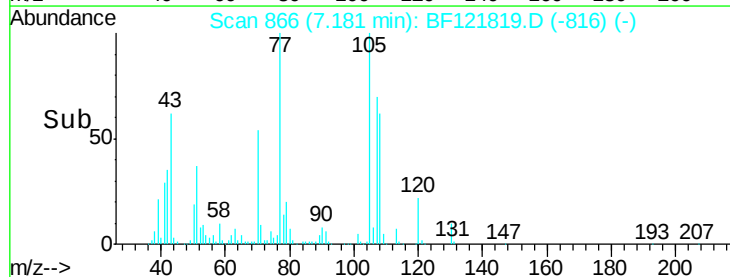
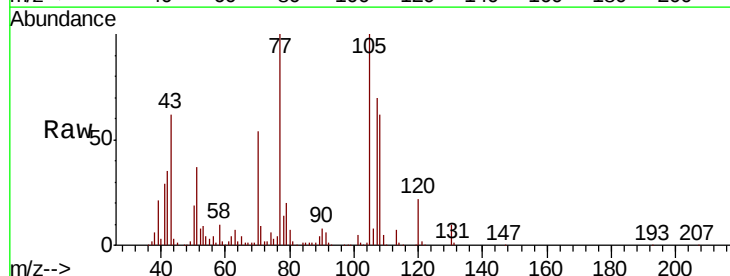
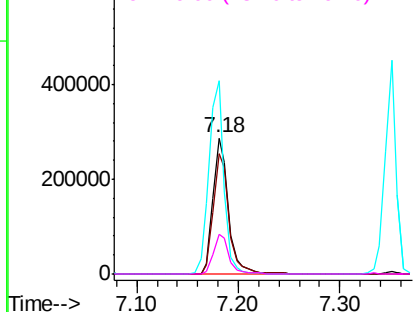
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

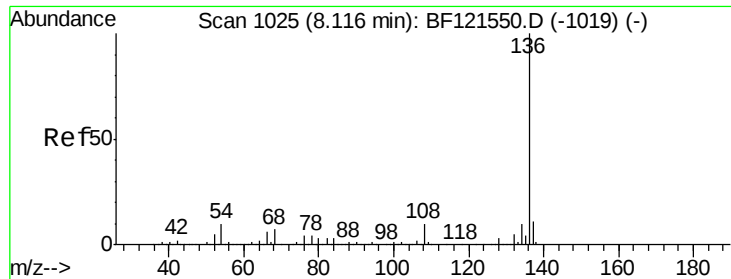


#20
3+4-Methylphenols
Concen: 40.175 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:107 Resp: 302581
Ion Ratio Lower Upper
107 100
108 88.7 68.9 108.9
77 142.5 108.0 148.0
79 29.3 10.5 50.5

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

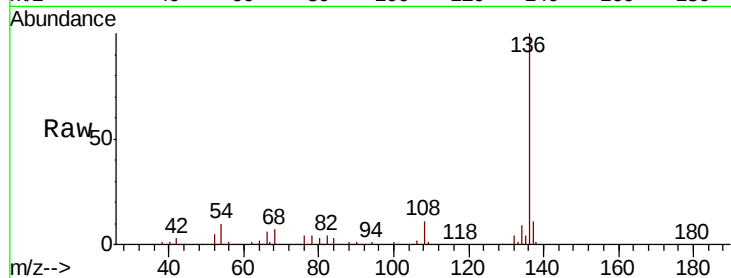




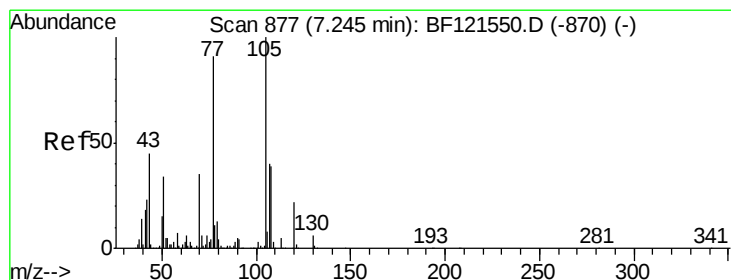
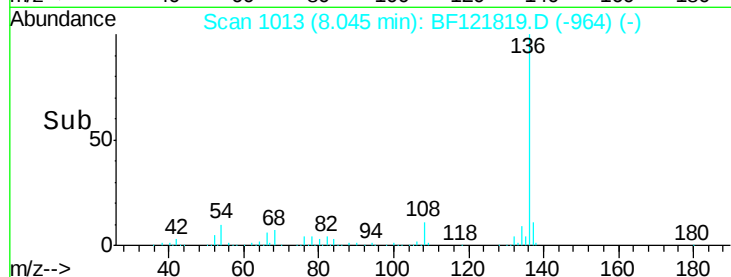
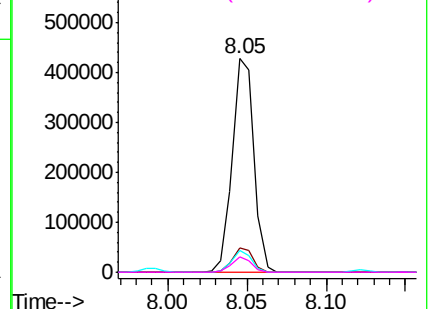
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	404325
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.6 13.0
54	10.2	7.1 10.7
68	7.1	5.0 7.4

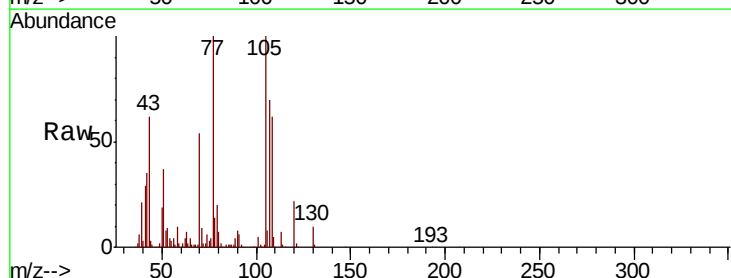


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

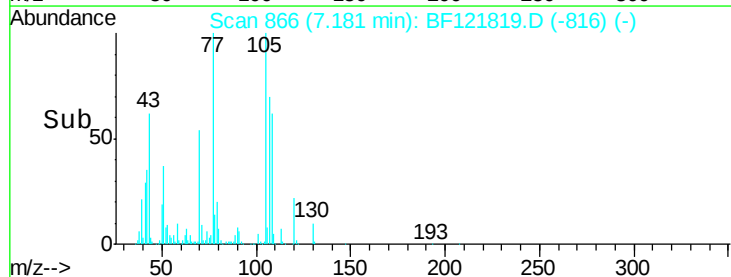
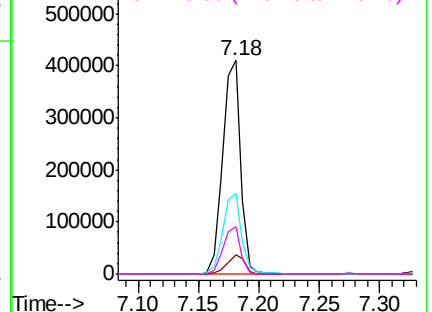


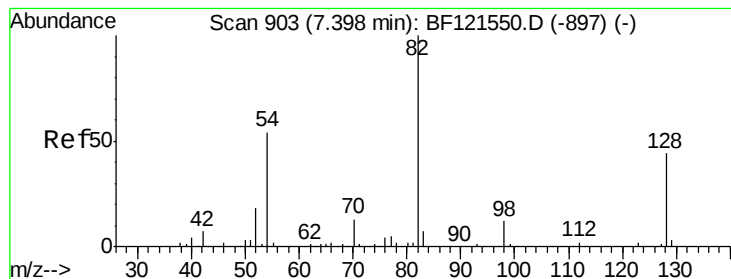
#22
Acetophenone
Concen: 40.361 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:105	Resp:	414046
Ion	Ratio	Lower Upper
105	100	
71	9.1	5.3 7.9#
51	37.5	33.2 49.8
120	21.9	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.596 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

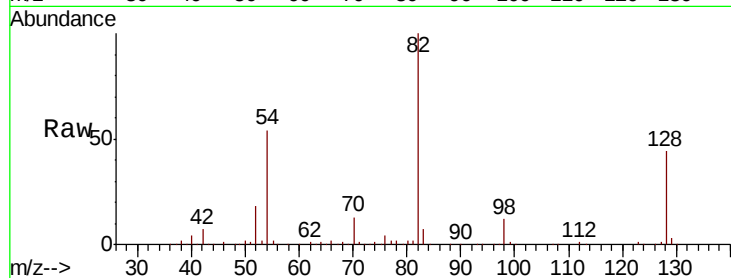
Tot Ion: 82 Resp: 637049

Ion Ratio Lower Upper

82 100

128 43.9 35.0 52.4

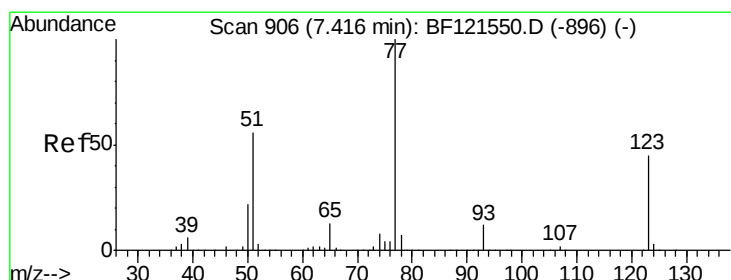
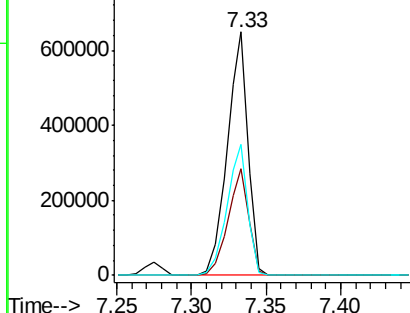
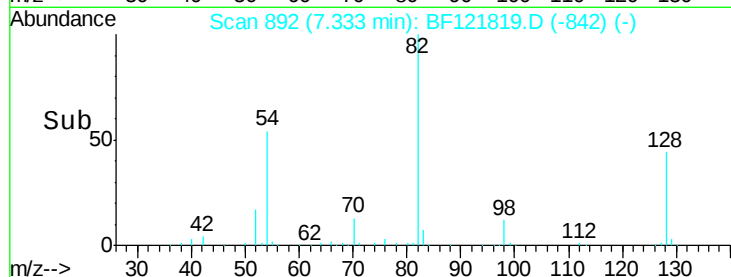
54 53.9 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.798 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

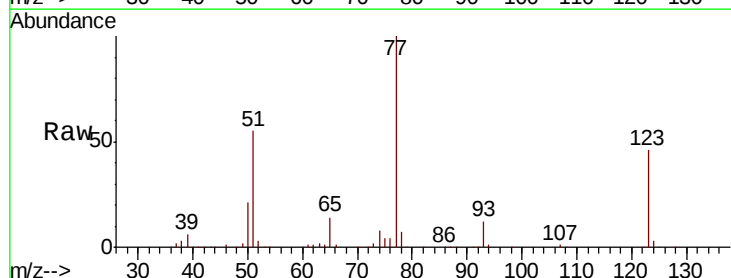
Tgt Ion: 77 Resp: 340431

Ion Ratio Lower Upper

77 100

123 46.4 35.6 53.4

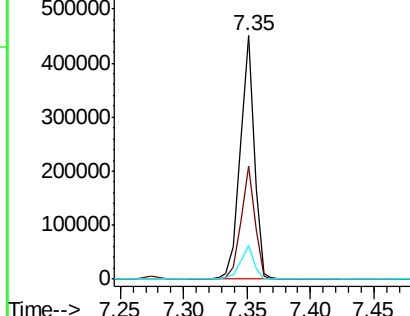
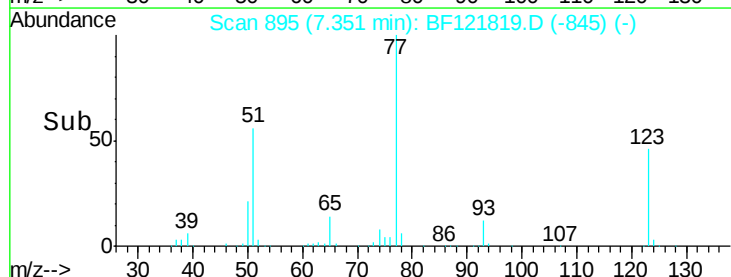
65 13.6 11.2 16.8

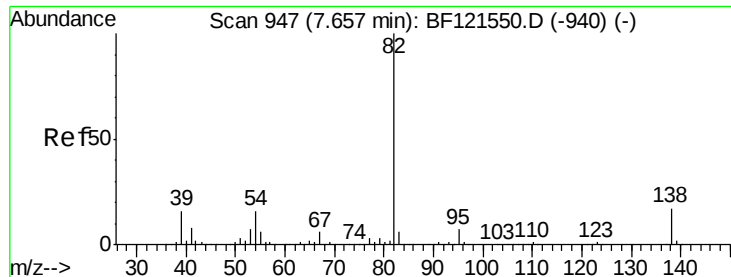


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.037 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

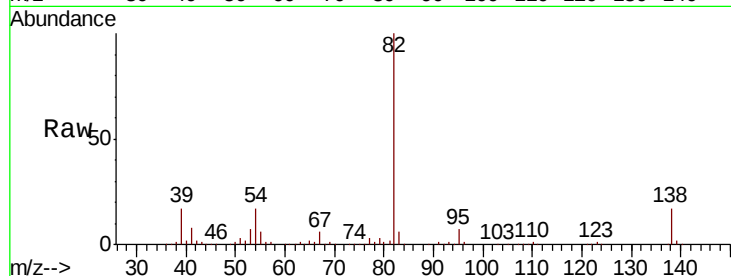
Tot Ion: 82 Resp: 606912

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

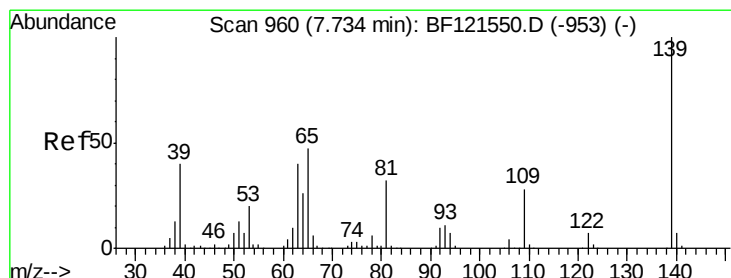
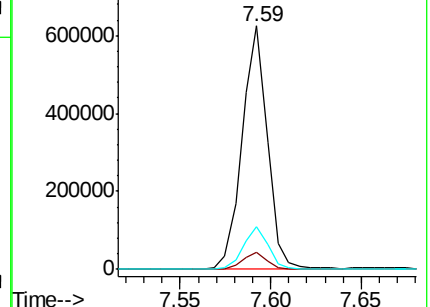
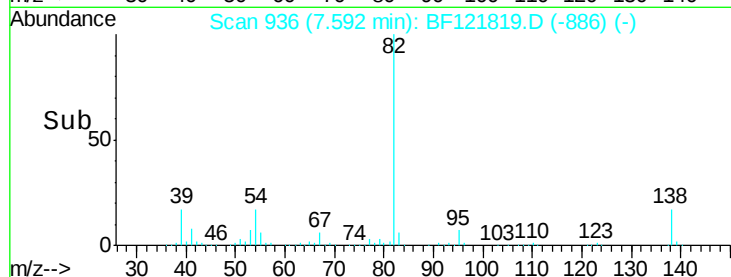
138 17.3 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.807 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

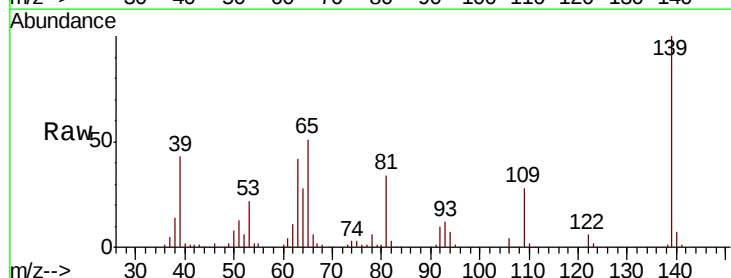
Tgt Ion: 139 Resp: 163011

Ion Ratio Lower Upper

139 100

109 28.1 23.0 34.4

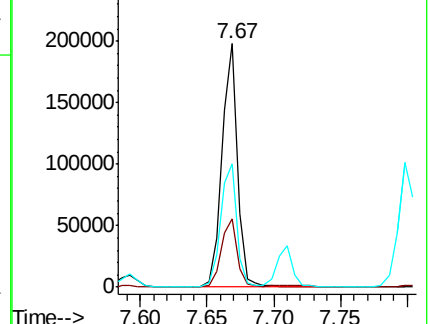
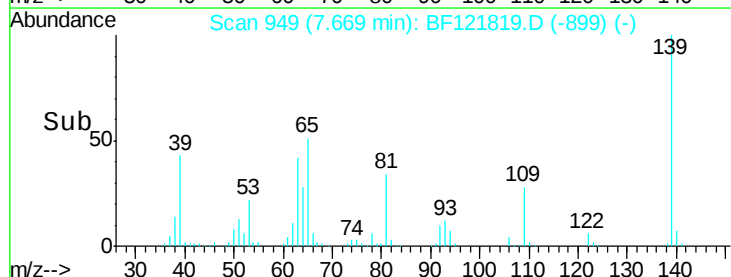
65 50.8 39.9 59.9

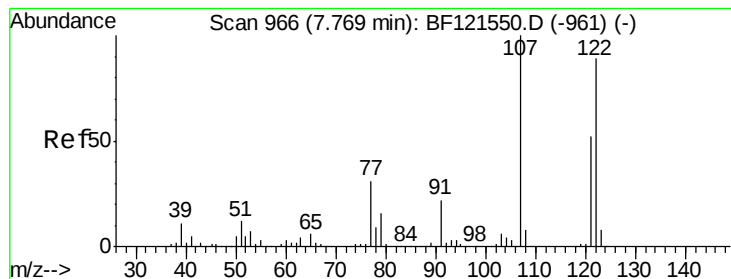


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.968 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

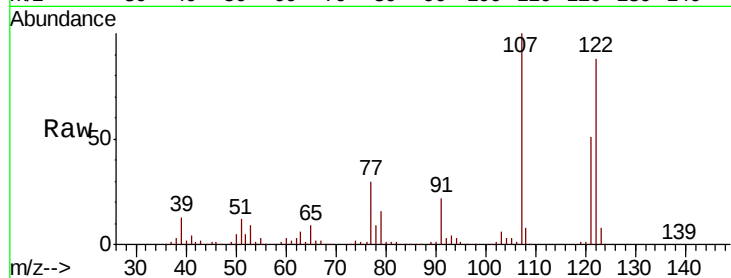
Tot Ion:122 Resp: 270448

Ion Ratio Lower Upper

122 100

107 113.3 90.8 136.2

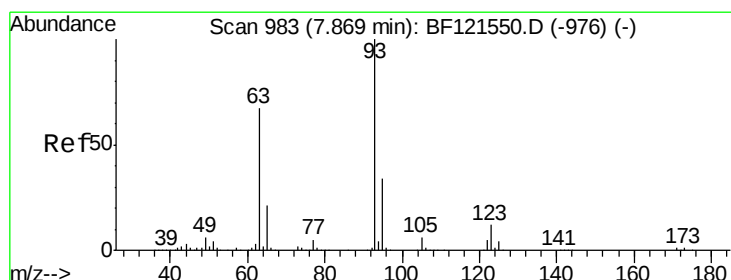
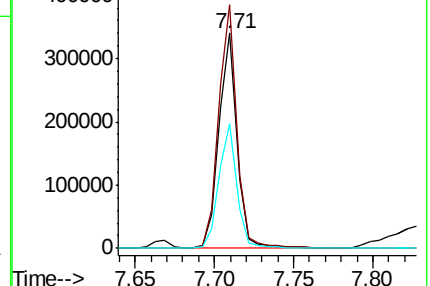
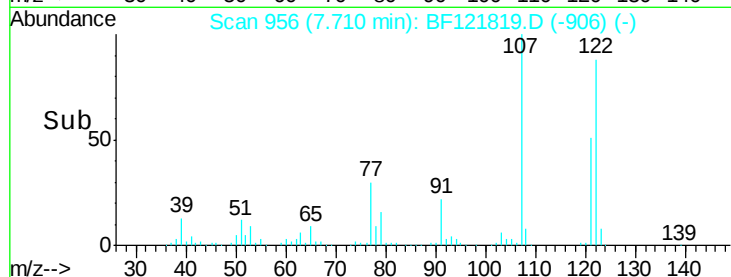
121 58.1 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.413 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

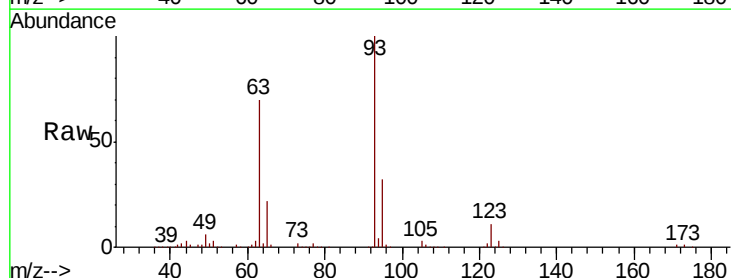
Tgt Ion: 93 Resp: 388641

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

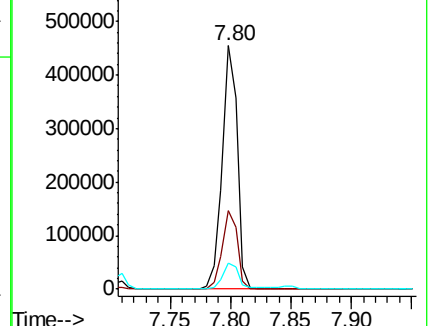
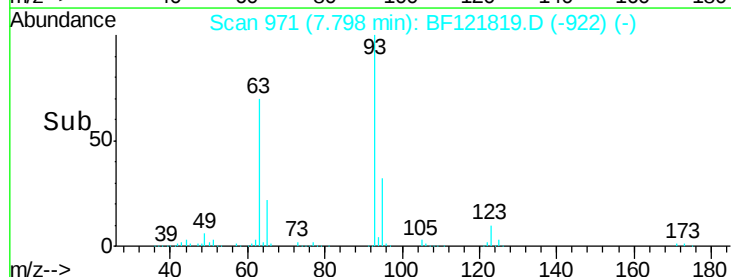
123 10.6 8.8 13.2

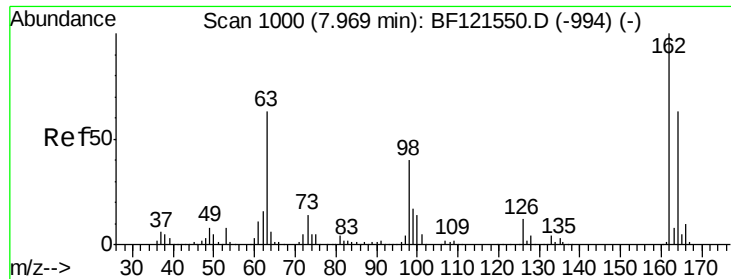


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

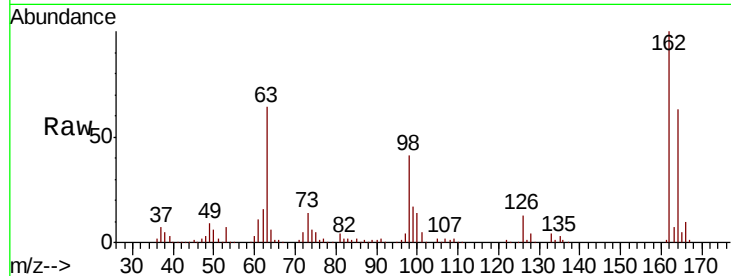




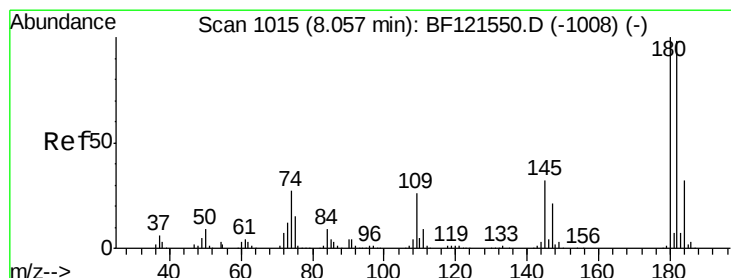
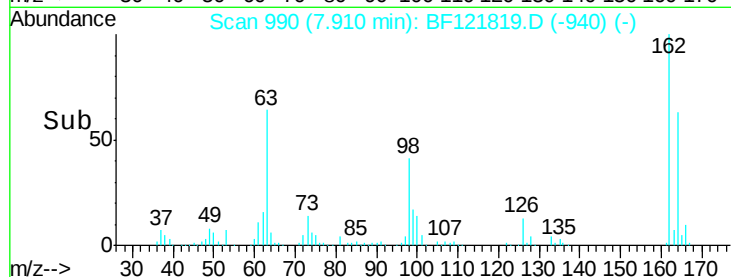
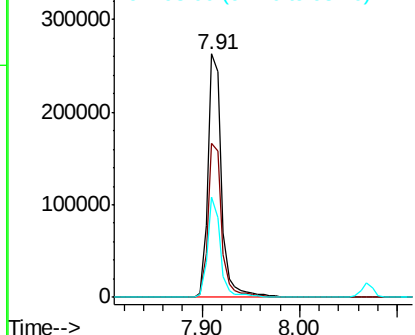
#29
 2,4-Dichlorophenol
 Concen: 41.376 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.5	82.5
98	41.1	20.1	60.1

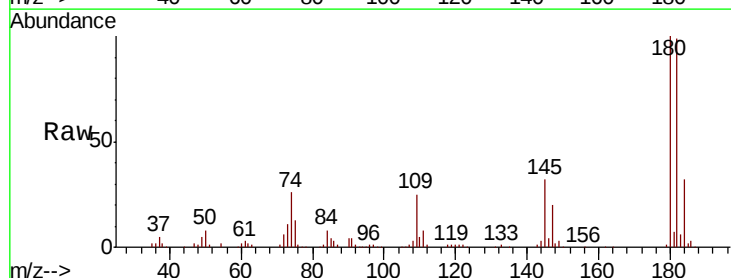


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

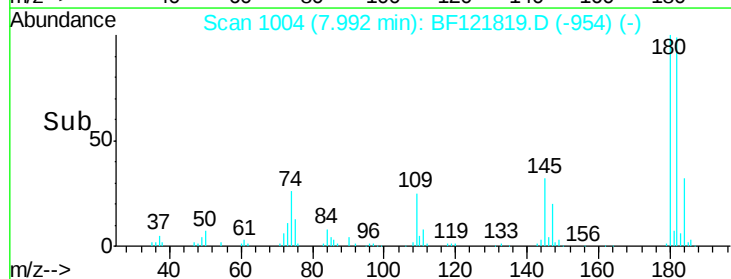
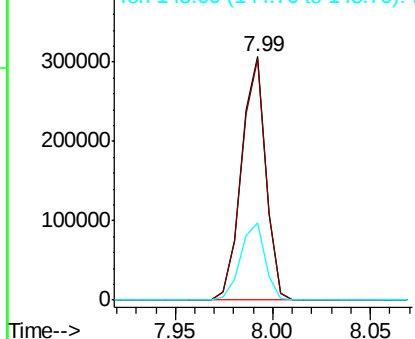


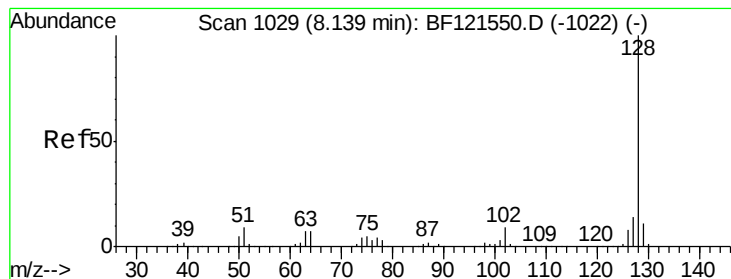
#30
 1,2,4-Trichlorobenzene
 Concen: 40.888 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	79.4	119.2
145	31.9	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.215 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

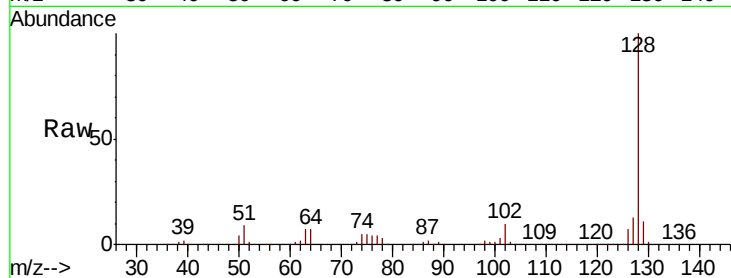
Tot Ion:128 Resp: 879681

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

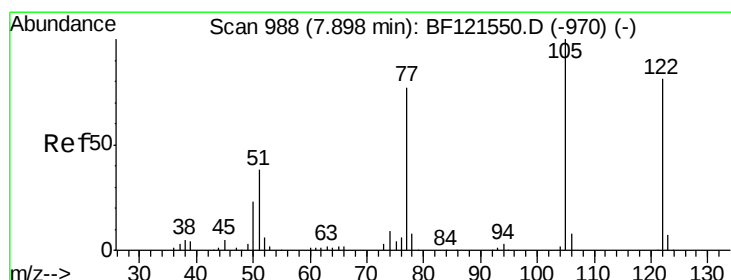
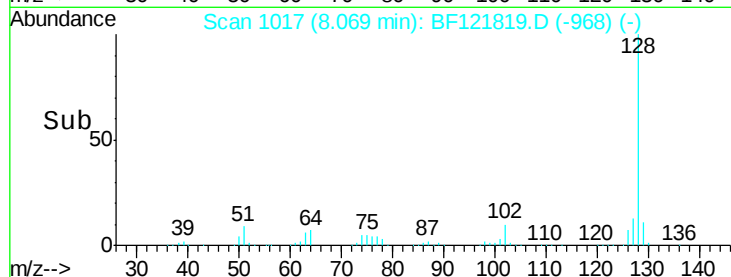
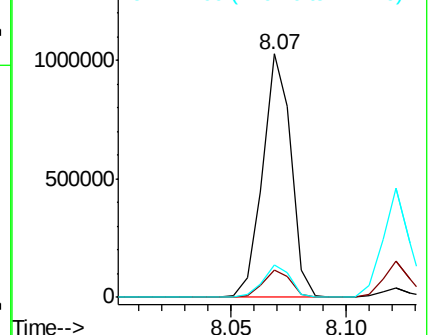
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.167 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

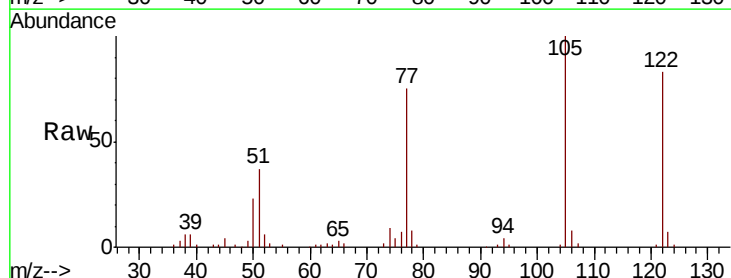
Tgt Ion:122 Resp: 142994

Ion Ratio Lower Upper

122 100

105 120.8 103.3 143.3

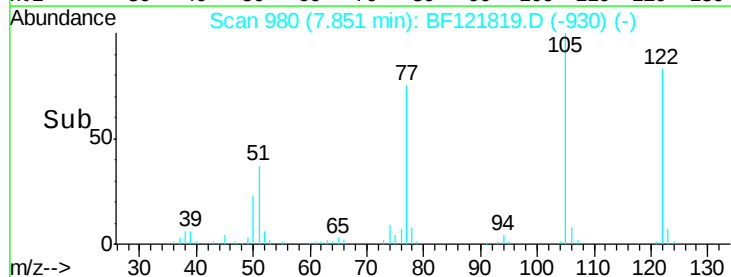
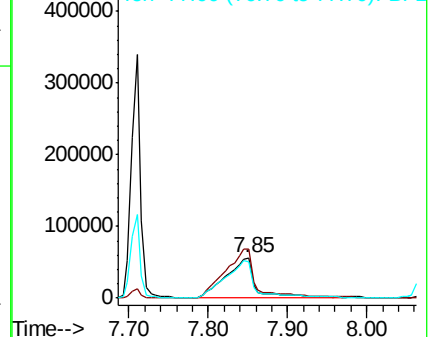
77 91.1 73.9 113.9

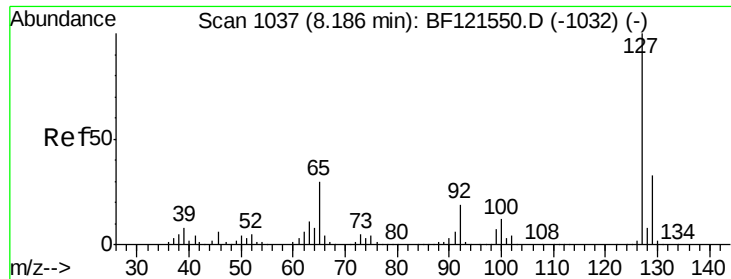


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

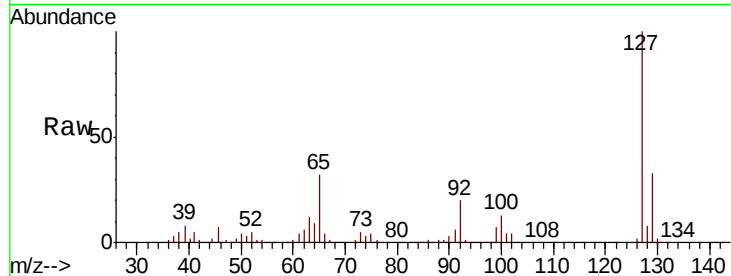




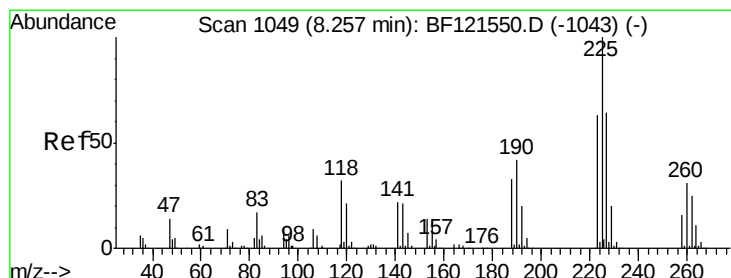
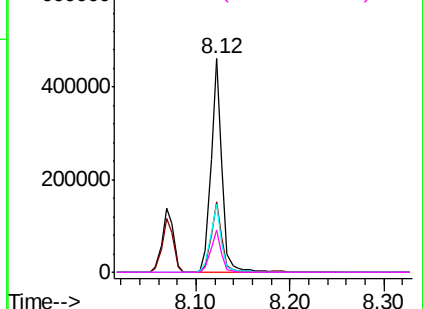
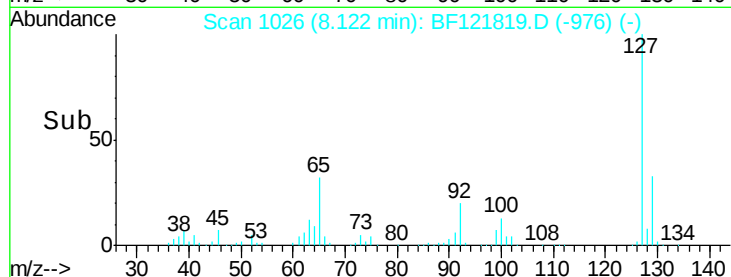
#33
 4-Chloroaniline
 Concen: 41.210 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	381277
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	32.0	26.2	39.2
92	19.9	15.9	23.9

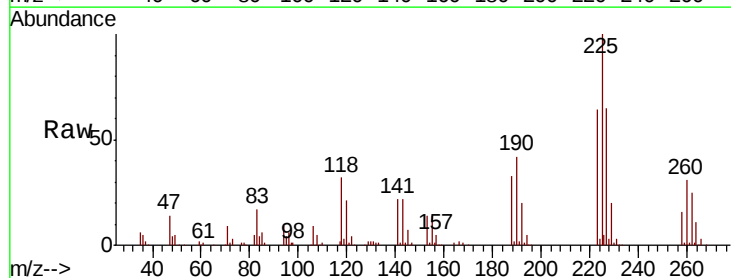


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

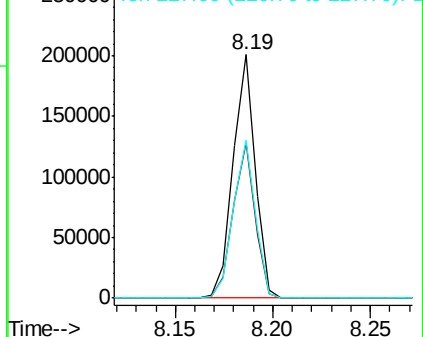
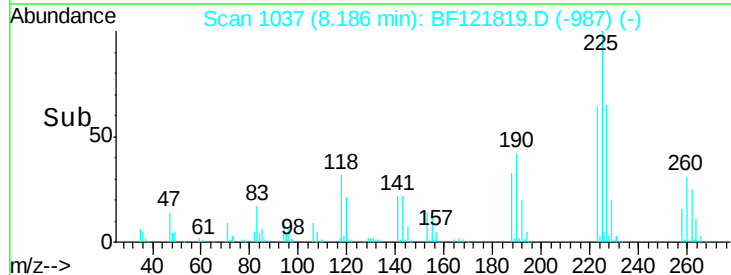


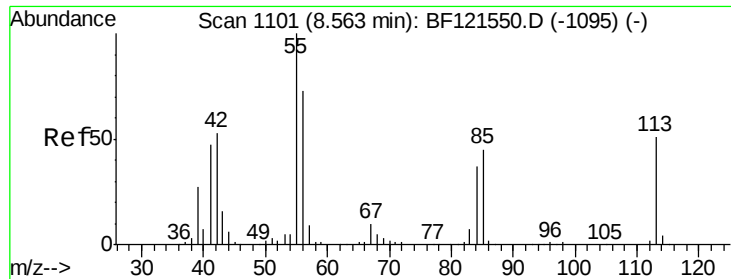
#34
 Hexachlorobutadiene
 Concen: 41.505 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion:	225	Resp:	158130
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.1	76.7
227	65.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

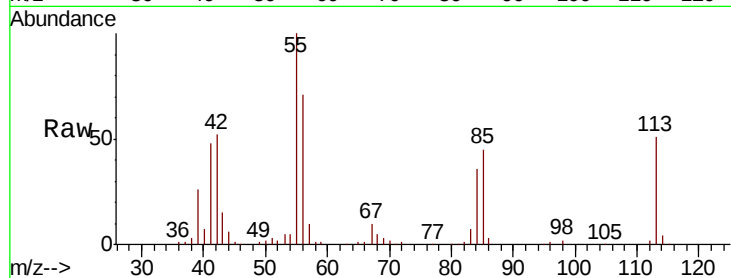




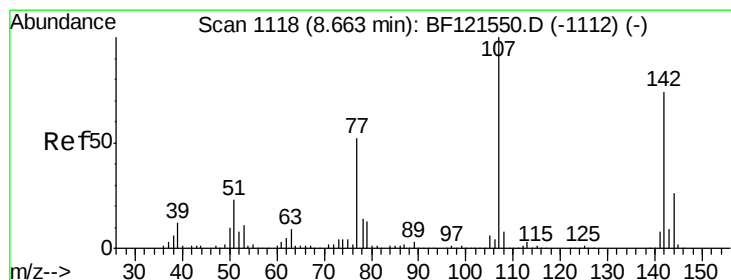
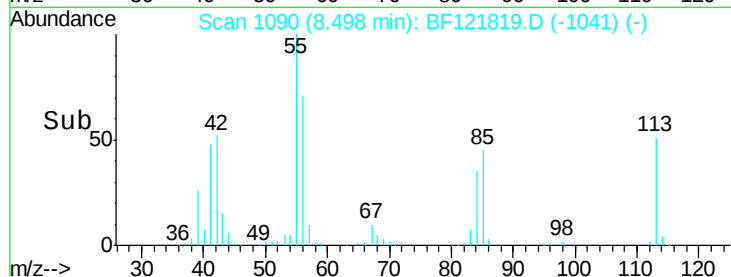
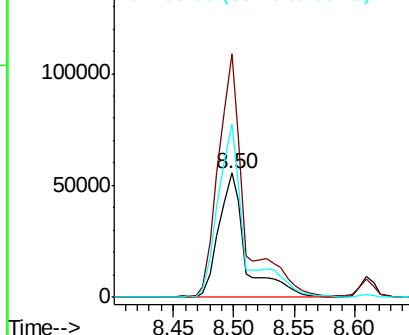
#35
 Caprolactam
 Concen: 42.102 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 86409
 Ion Ratio Lower Upper
 113 100
 55 195.6 167.5 207.5
 56 139.5 121.2 161.2

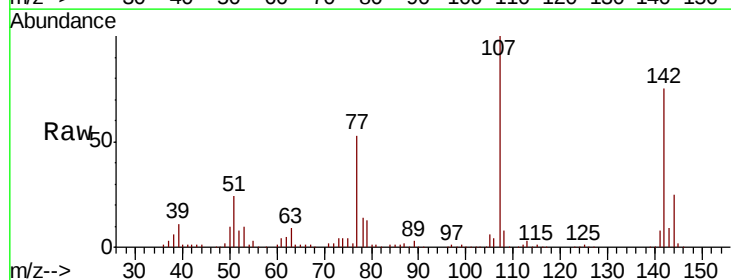


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

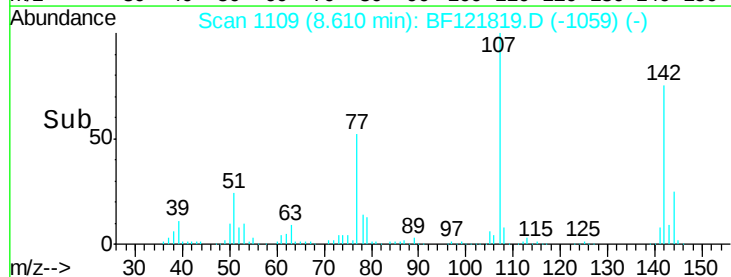
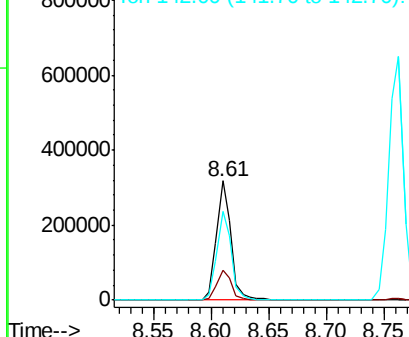


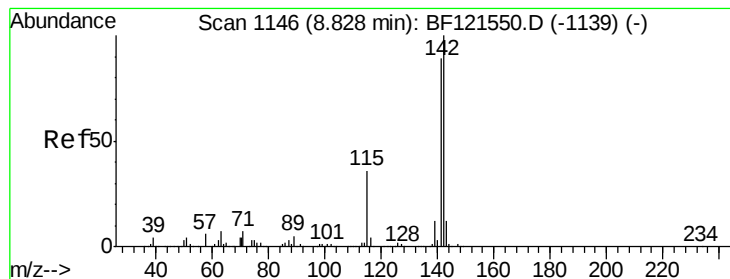
#36
 4-Chloro-3-methylphenol
 Concen: 41.595 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion:107 Resp: 276158
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.1 30.1
 142 74.6 59.3 88.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.281 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

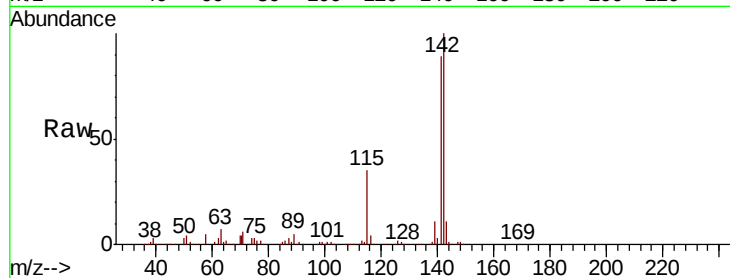
Tot Ion:142 Resp: 577408

Ion Ratio Lower Upper

142 100

141 88.8 70.2 105.4

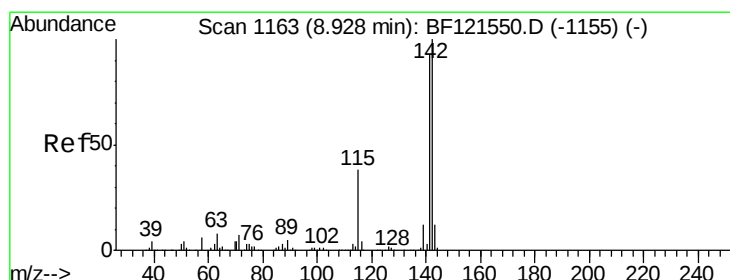
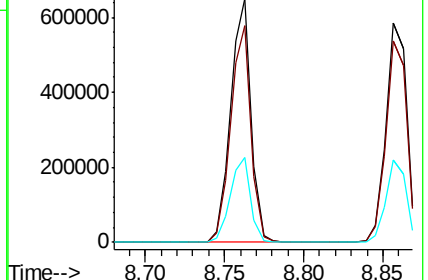
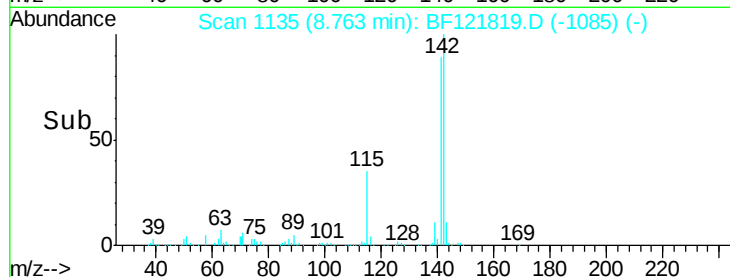
115 34.9 28.6 43.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.807 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

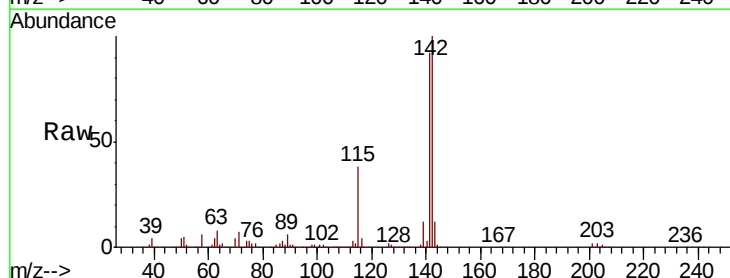
Tgt Ion:142 Resp: 531209

Ion Ratio Lower Upper

142 100

141 92.1 74.5 111.7

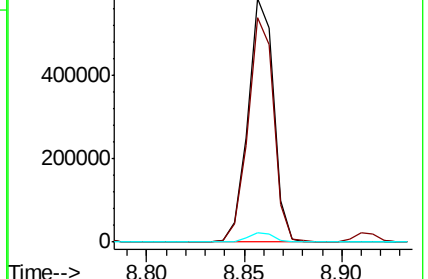
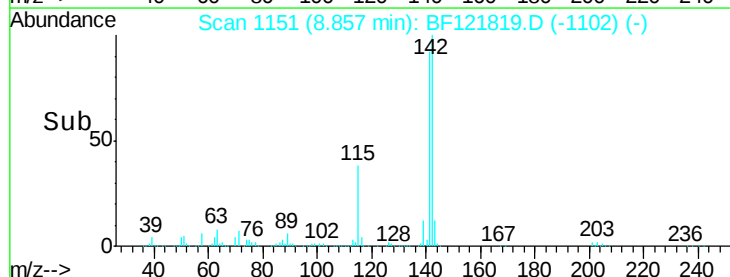
116 3.9 3.2 4.8

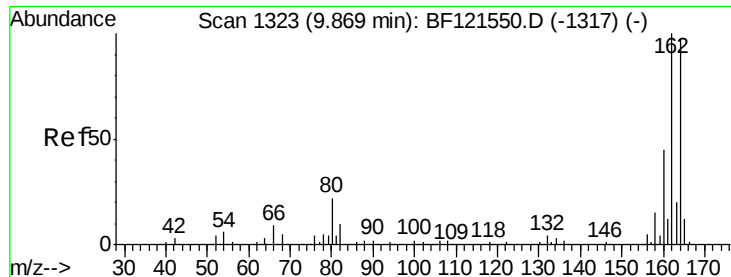


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

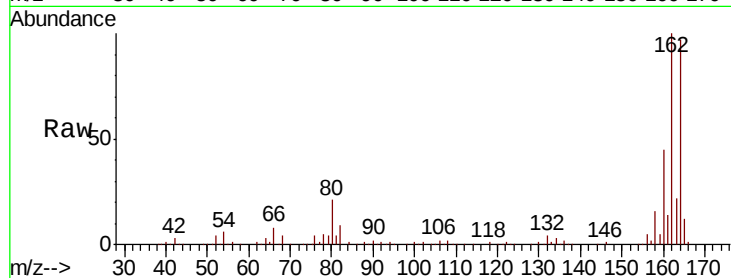
Tot Ion:164 Resp: 213387

Ion Ratio Lower Upper

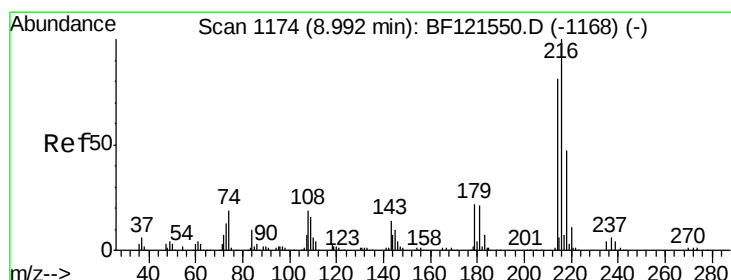
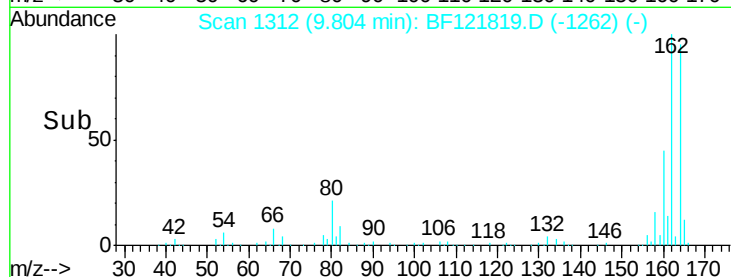
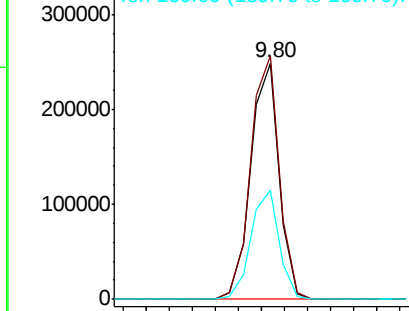
164 100

162 103.0 83.2 124.8

160 46.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.914 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Tgt Ion:216 Resp: 272714

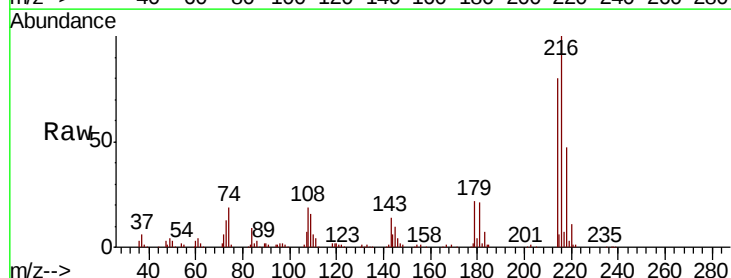
Ion Ratio Lower Upper

216 100

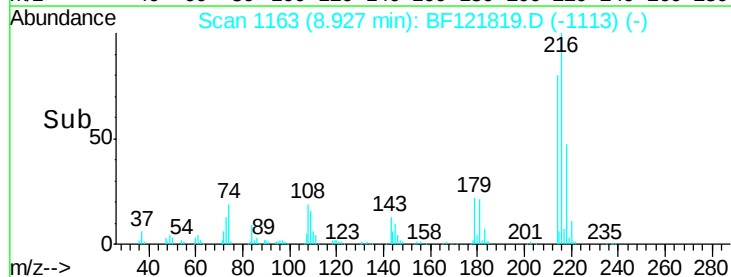
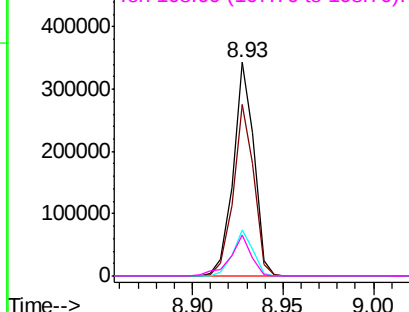
214 79.3 63.4 95.2

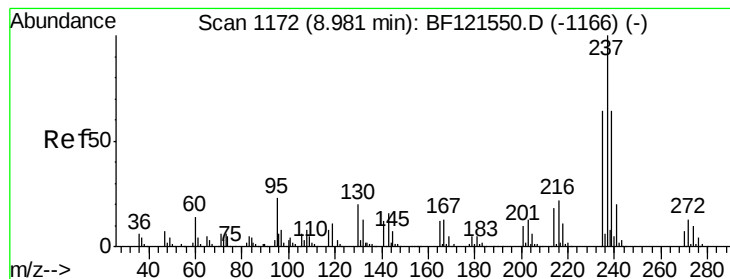
179 20.9 17.0 25.6

108 19.7 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.759 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

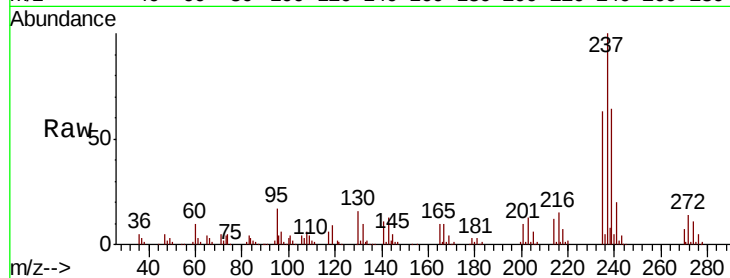
Tot Ion:237 Resp: 147537

Ion Ratio Lower Upper

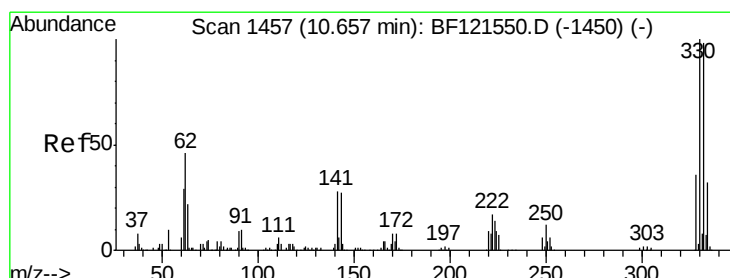
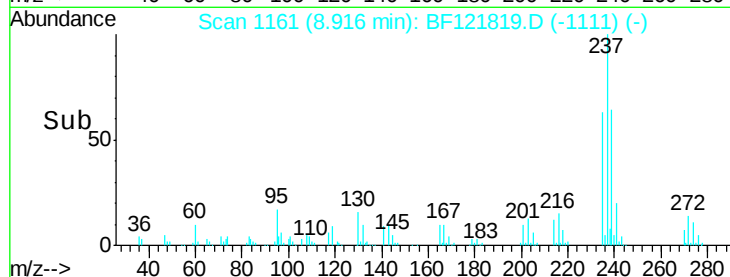
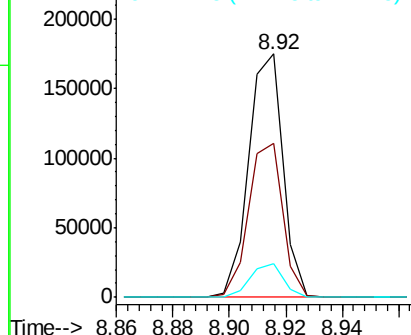
237 100

235 63.0 41.8 81.8

272 14.1 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.329 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

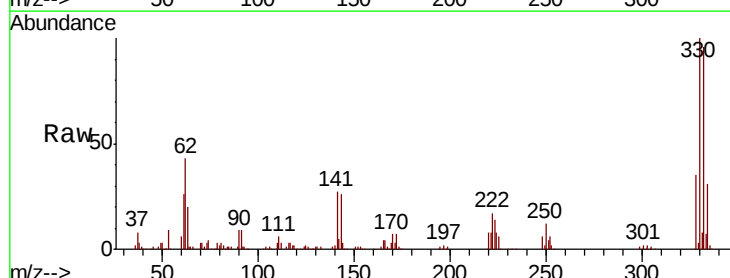
Tgt Ion:330 Resp: 226302

Ion Ratio Lower Upper

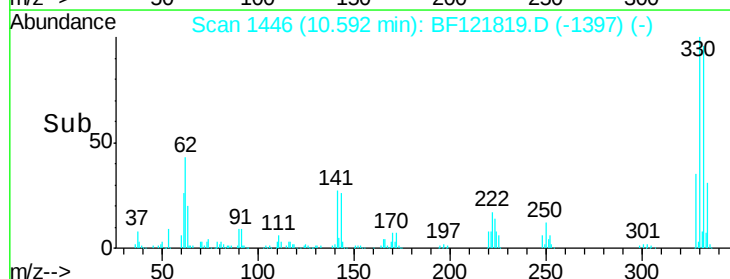
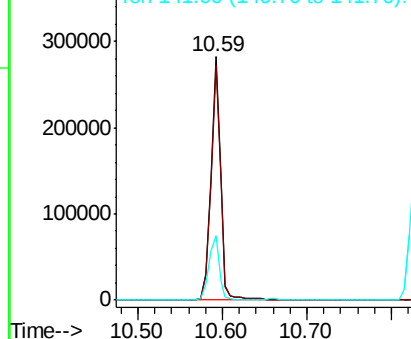
330 100

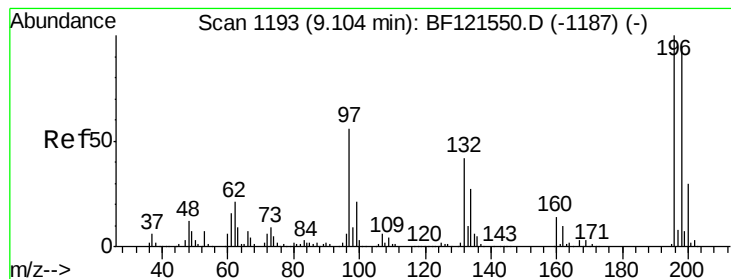
332 96.0 77.3 115.9

141 28.6 22.3 33.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.871 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

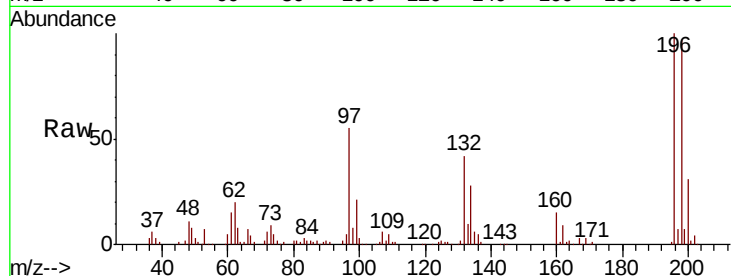
Tot Ion:196 Resp: 176604

Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.6

200 31.0 24.6 36.8

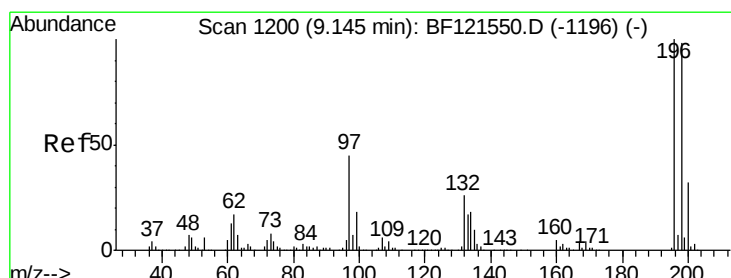
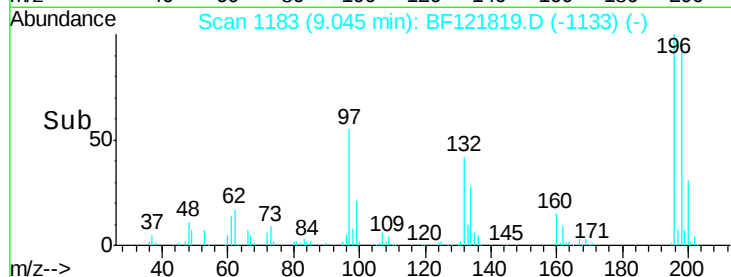
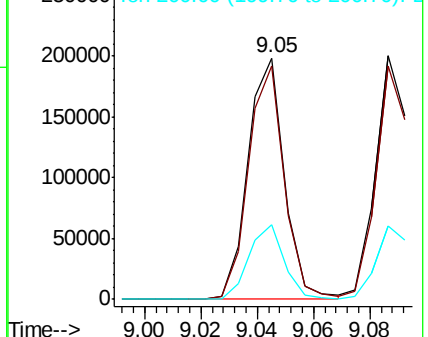


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.366 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Tgt Ion:196 Resp: 189077

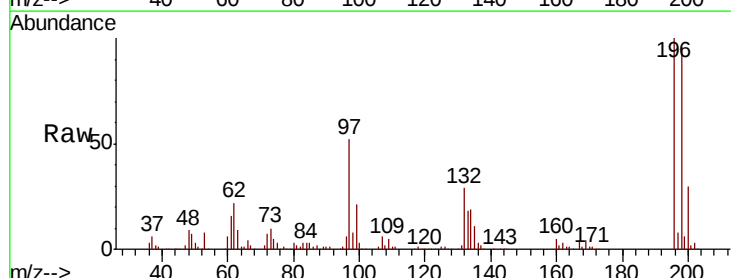
Ion Ratio Lower Upper

196 100

198 95.8 76.1 114.1

97 52.4 41.0 61.6

132 28.9 22.4 33.6



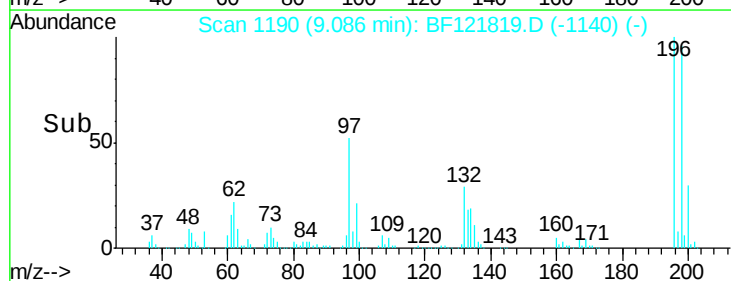
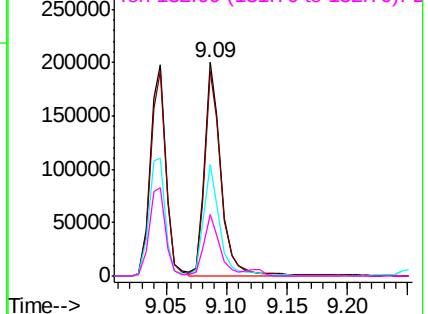
Abundance

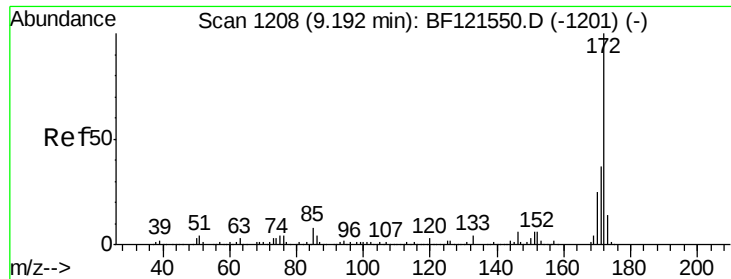
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

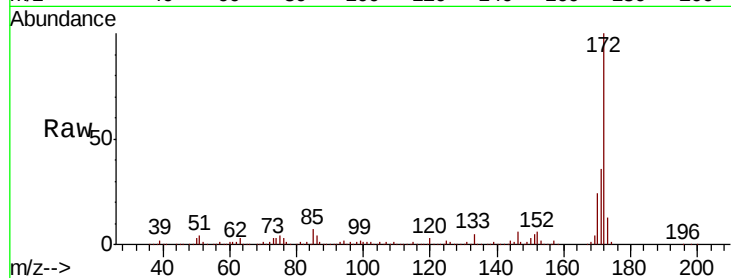




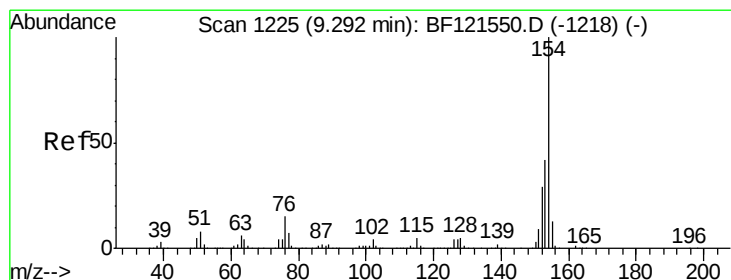
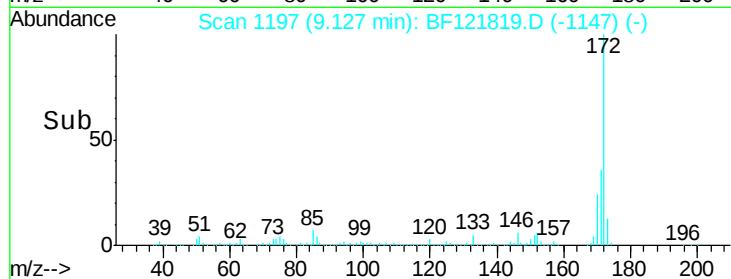
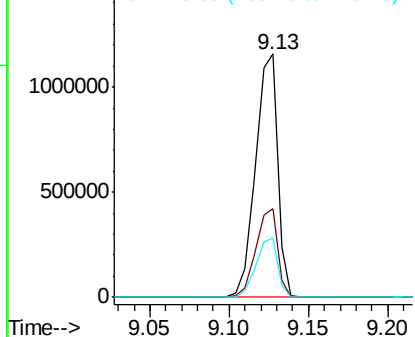
#45
2-Fluorobiphenyl
Concen: 80.004 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1127208
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.3 19.8 29.6

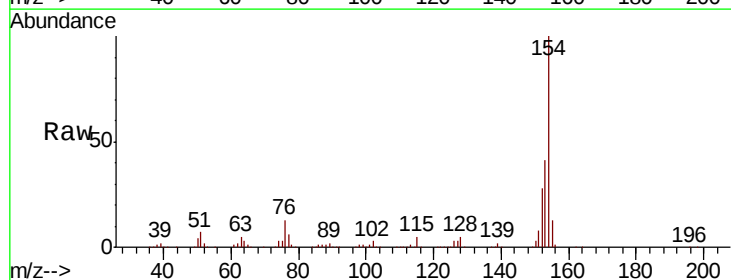


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

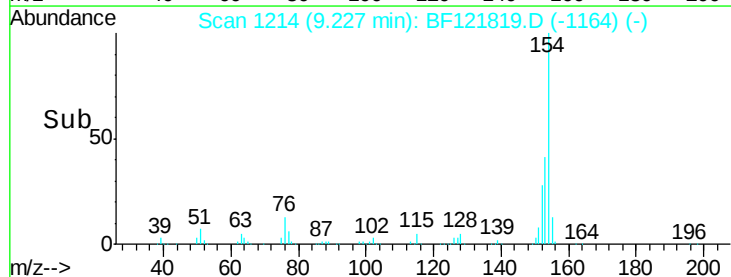
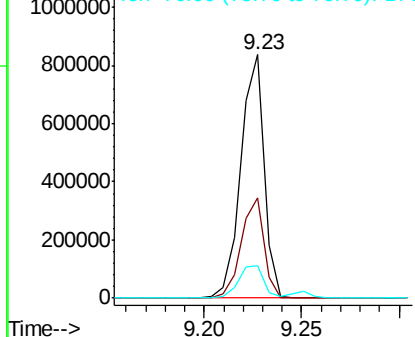


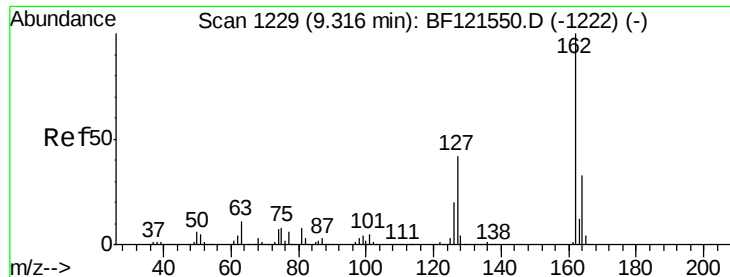
#46
1,1'-Biphenyl
Concen: 40.471 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:154 Resp: 691371
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 13.3 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

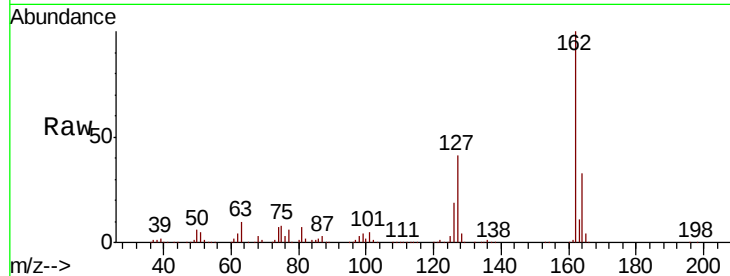




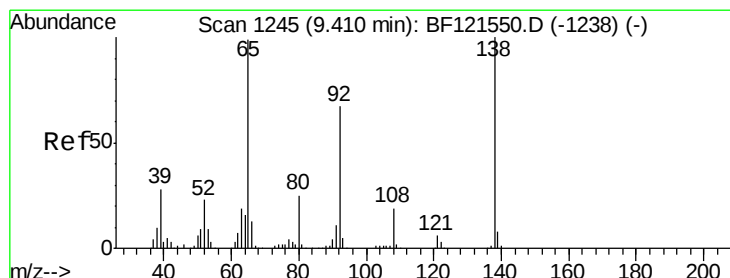
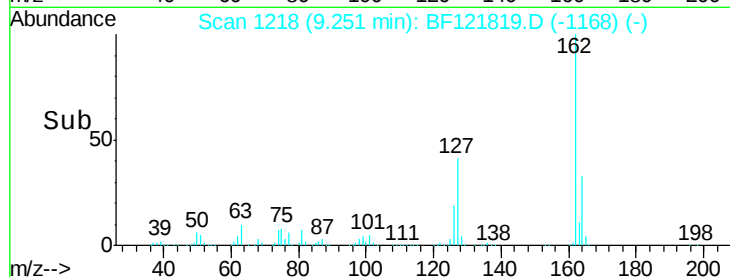
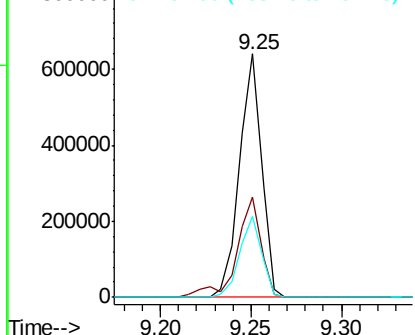
#47
 2-Chloronaphthalene
 Concen: 40.463 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.4	51.6
164	33.4	26.3	39.5

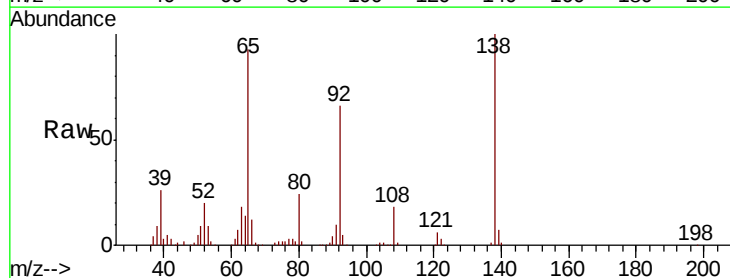


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

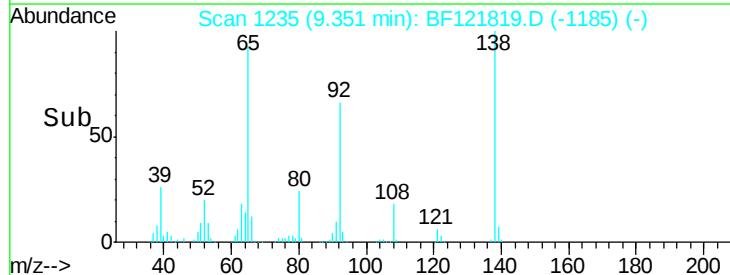
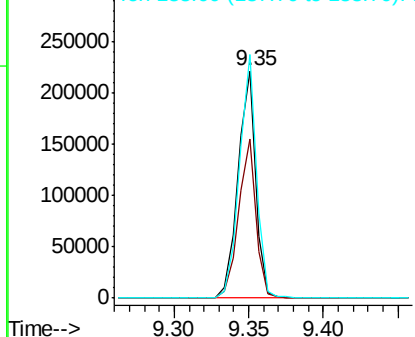


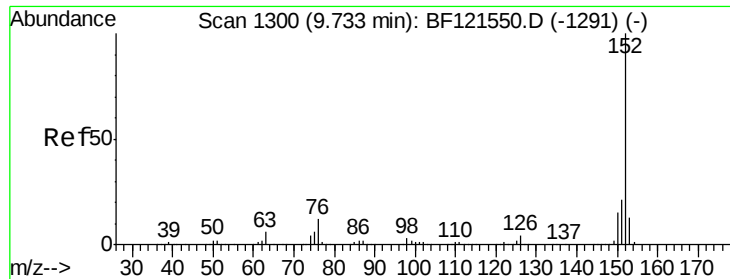
#48
 2-Nitroaniline
 Concen: 44.109 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.1	82.7
138	107.3	80.5	120.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.777 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

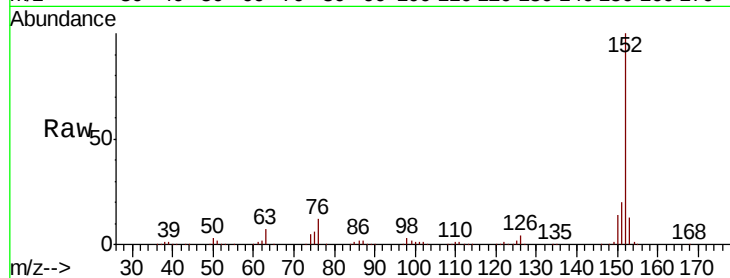
Tot Ion:152 Resp: 843421

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

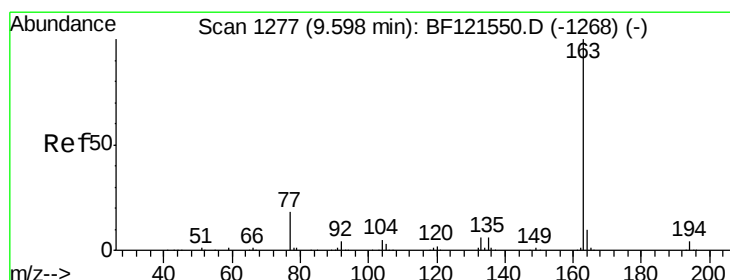
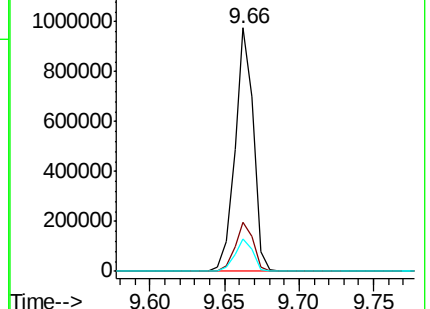
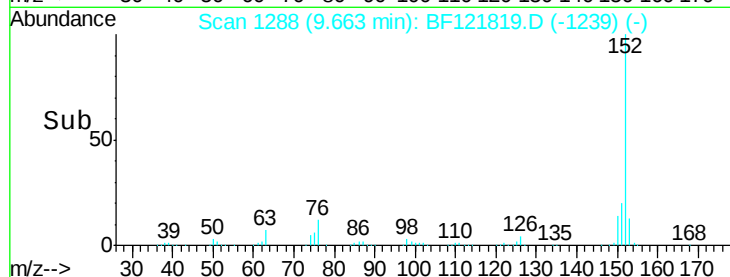
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.927 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

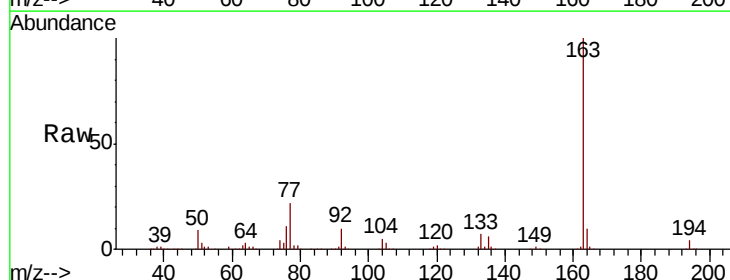
Tgt Ion:163 Resp: 648448

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

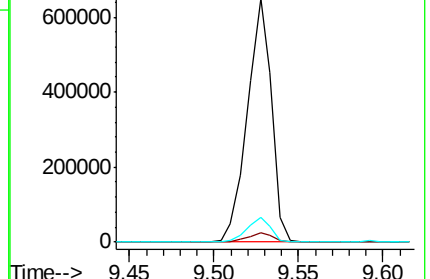
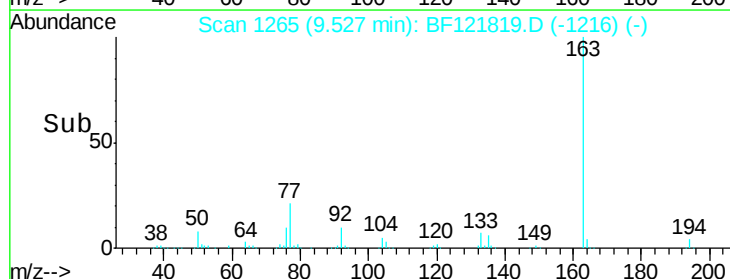
164 10.3 8.2 12.4

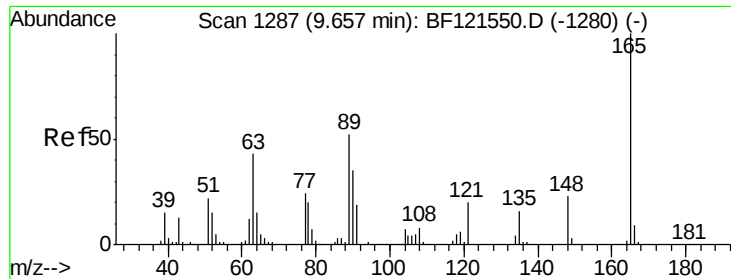


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

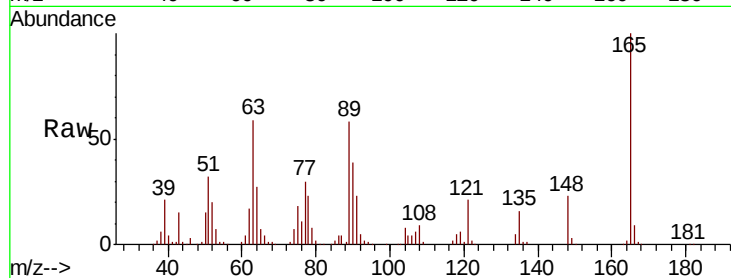




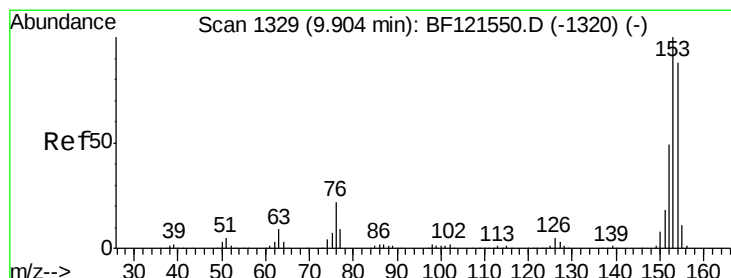
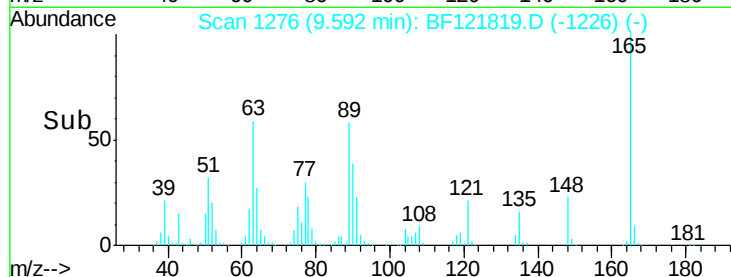
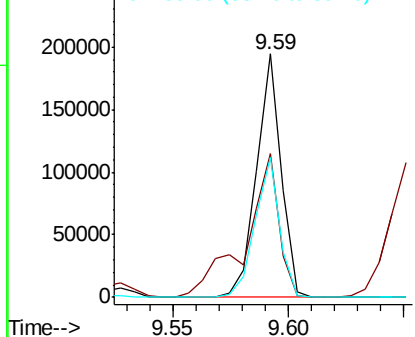
#51
 2,6-Dinitrotoluene
 Concen: 44.051 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 145092
 Ion Ratio Lower Upper
 165 100
 63 58.9 51.8 77.6
 89 57.7 49.0 73.6

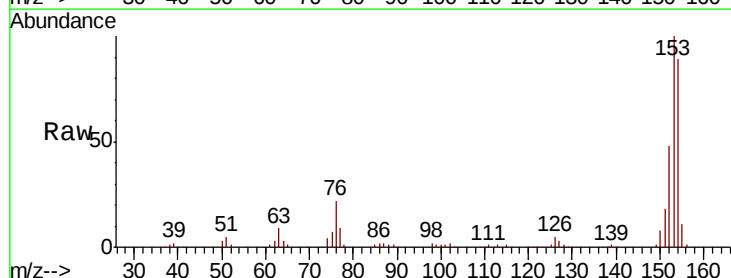


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

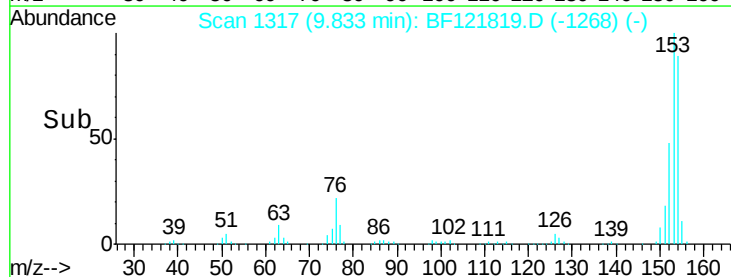
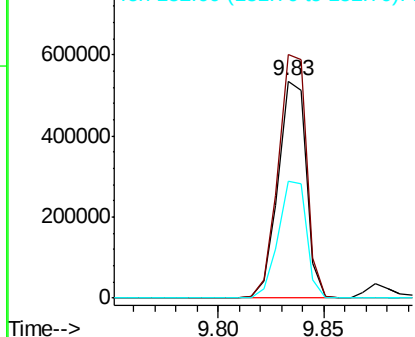


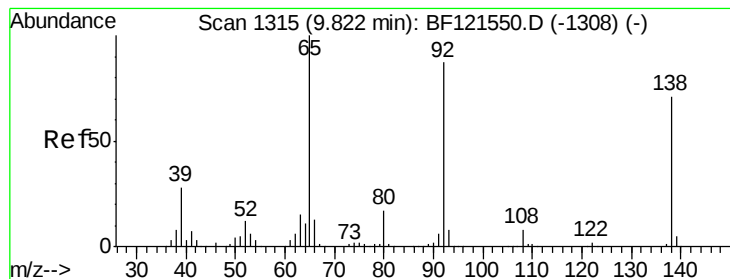
#52
 Acenaphthene
 Concen: 38.228 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion:154 Resp: 499416
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.8 134.8
 152 54.0 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.239 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

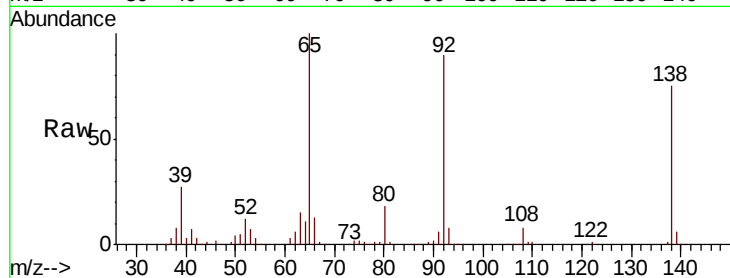
Tot Ion:138 Resp: 161168

Ion Ratio Lower Upper

138 100

108 10.9 8.6 13.0

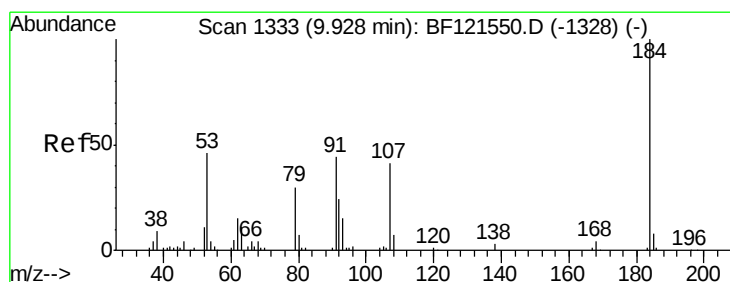
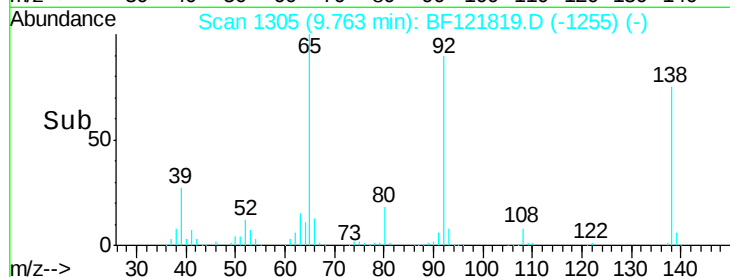
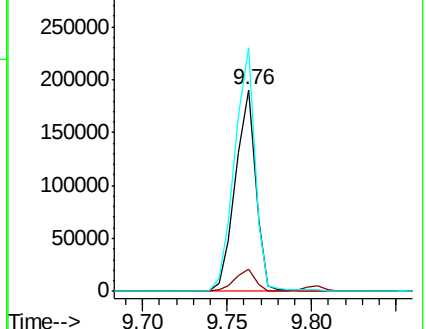
92 120.5 96.6 144.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 38.798 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

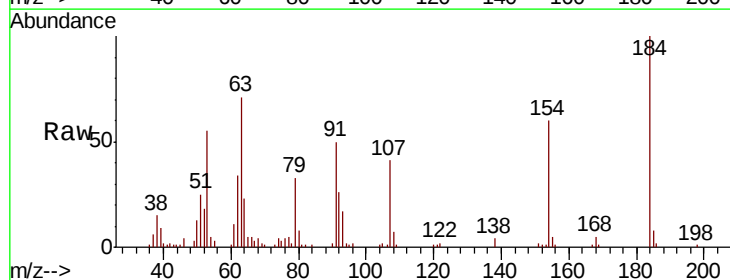
Tgt Ion:184 Resp: 63725

Ion Ratio Lower Upper

184 100

63 70.6 45.9 68.9#

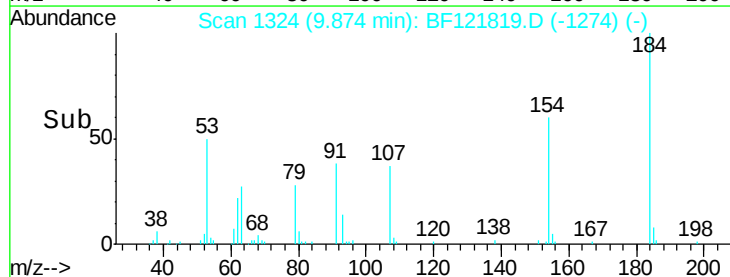
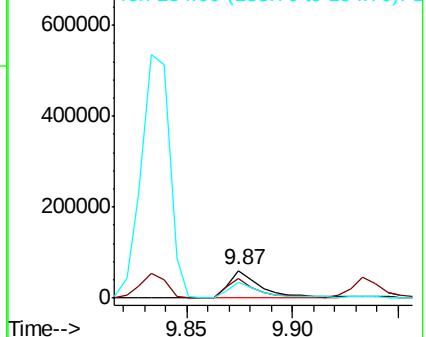
154 59.5 45.8 68.6

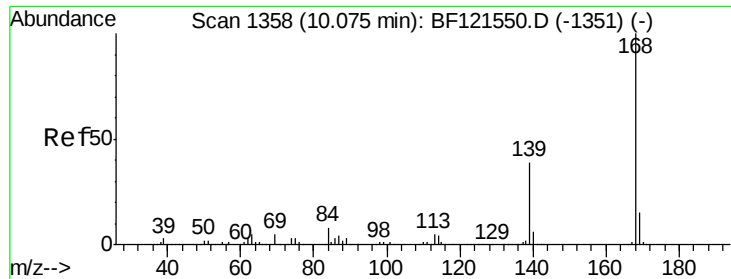


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

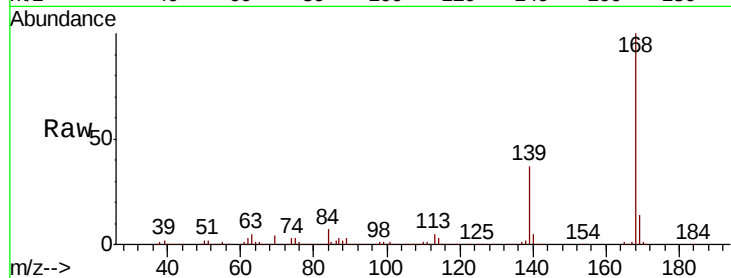




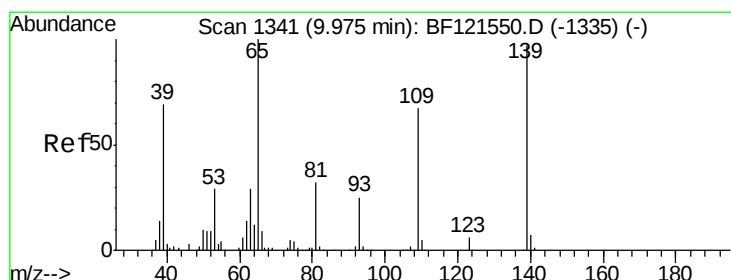
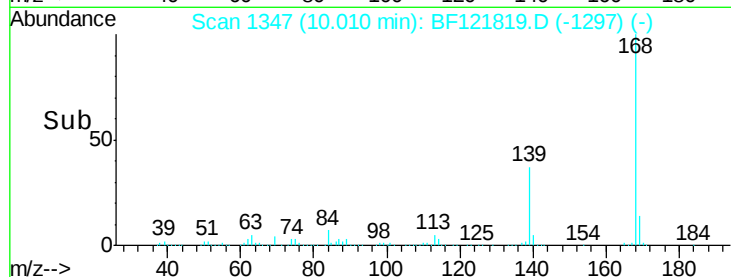
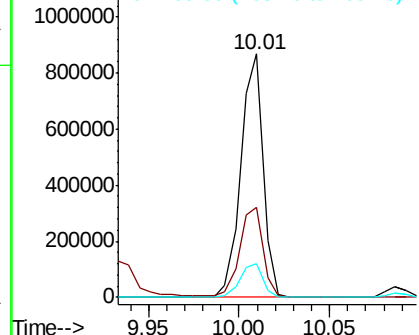
#55
Dibenzofuran
Concen: 40.352 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 742387
Ion Ratio Lower Upper
168 100
139 37.0 31.0 46.6
169 13.8 11.3 16.9

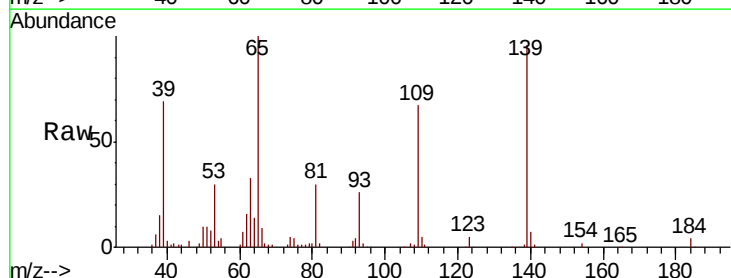


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

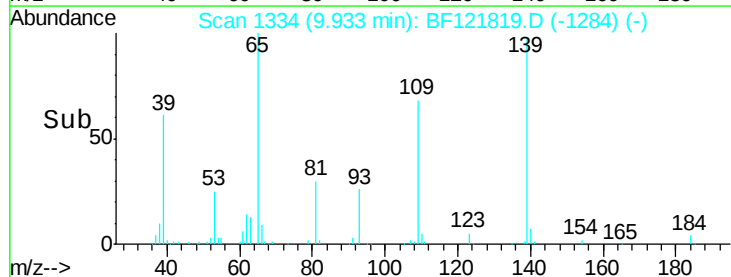
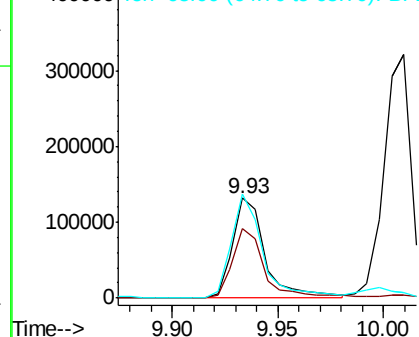


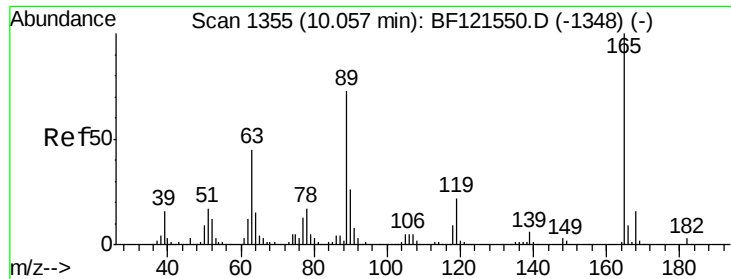
#56
4-Nitrophenol
Concen: 45.893 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:139 Resp: 139648
Ion Ratio Lower Upper
139 100
109 70.2 45.4 85.4
65 104.0 68.4 108.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

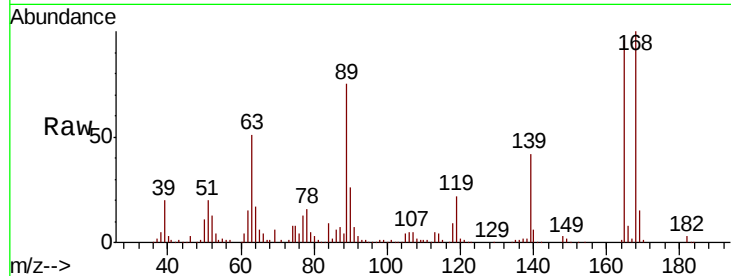




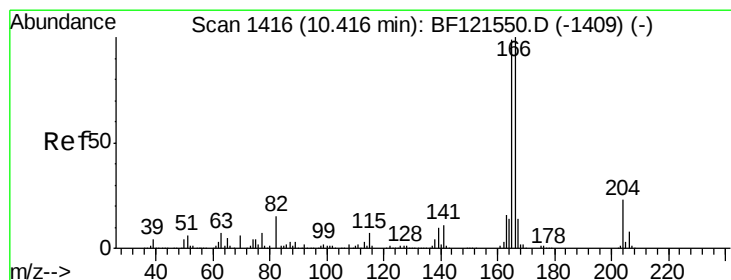
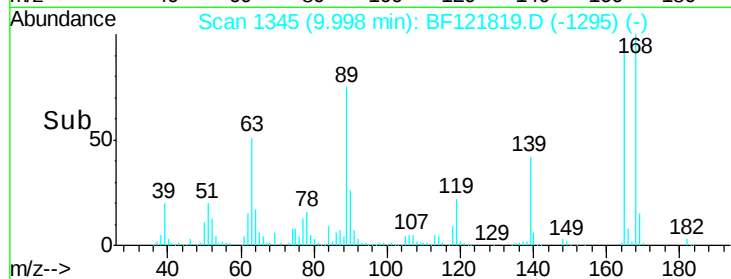
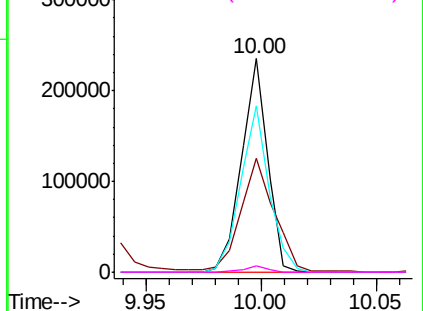
#57
2,4-Dinitrotoluene
Concen: 44.828 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	41.3	61.9
89	78.0	61.8	92.8
182	2.7	2.1	3.1

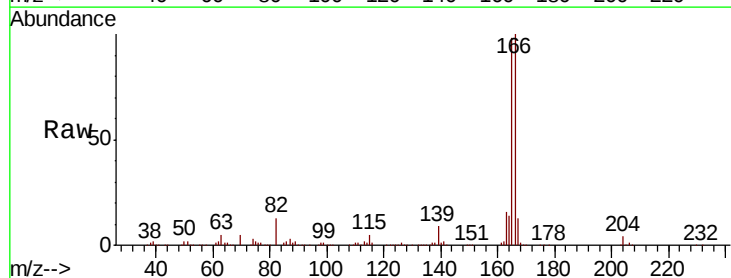


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

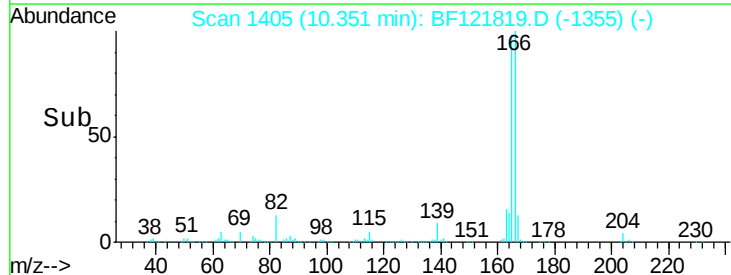
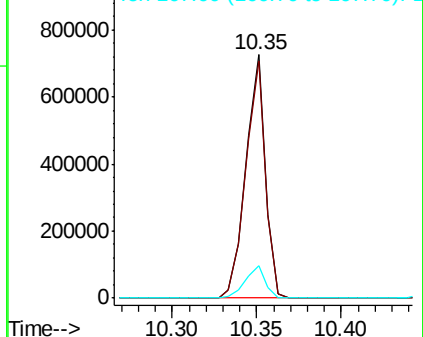


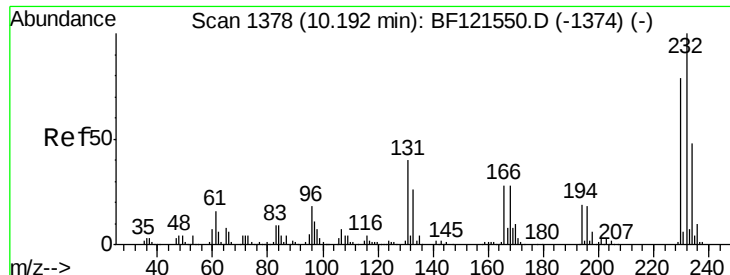
#58
Fluorene
Concen: 41.865 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	13.4	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

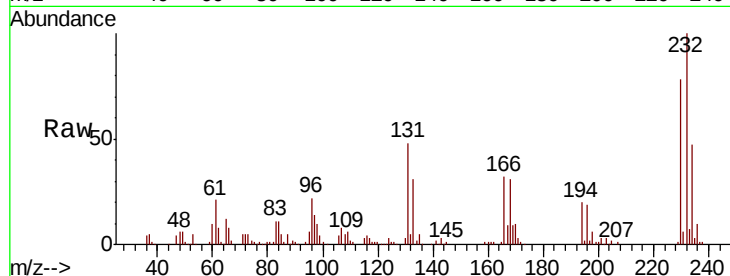




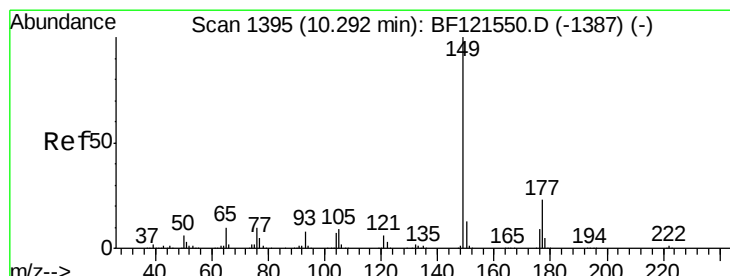
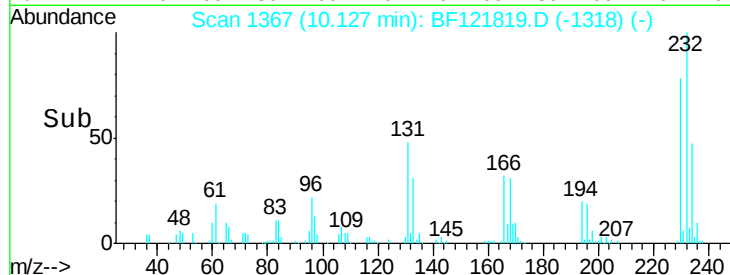
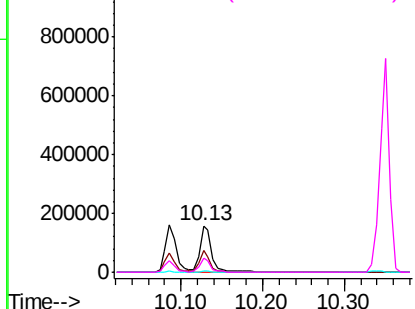
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.188 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 160826
 Ion Ratio Lower Upper
 232 100
 131 41.8 35.9 53.9
 130 2.2 1.8 2.6
 166 28.5 23.5 35.3

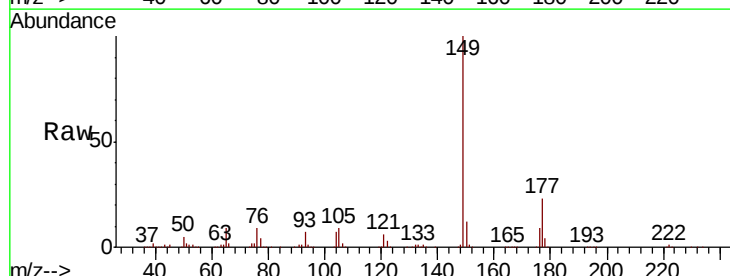


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

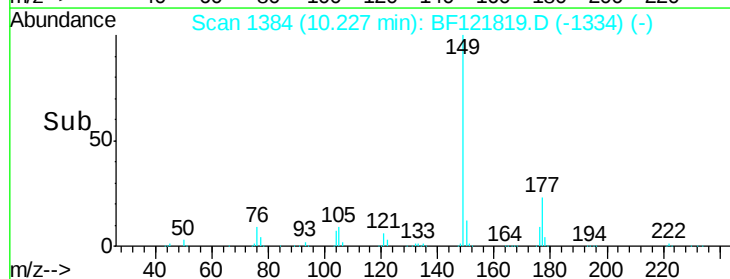
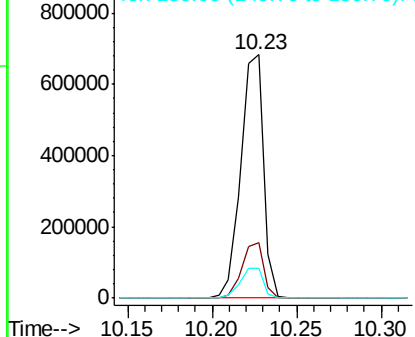


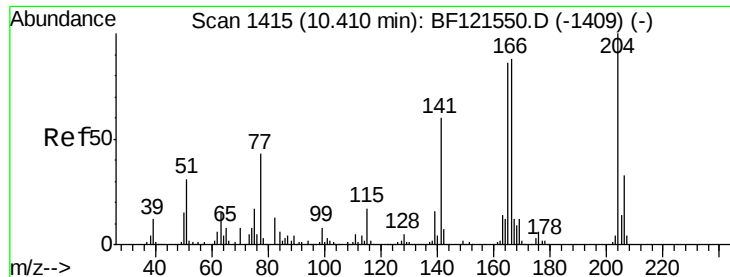
#60
 Diethylphthalate
 Concen: 42.359 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion:149 Resp: 638735
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.1 27.1
 150 12.2 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

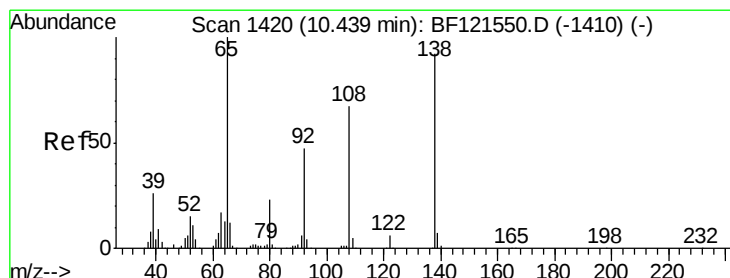
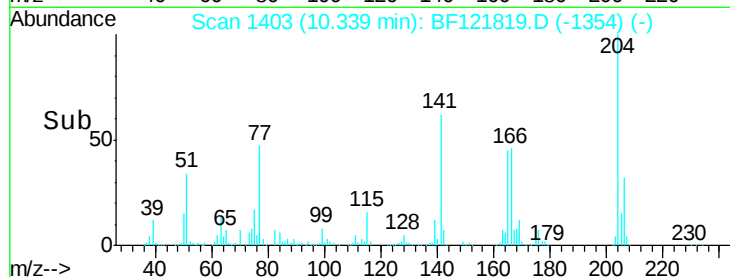
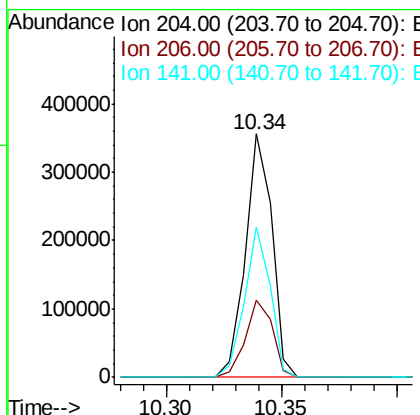
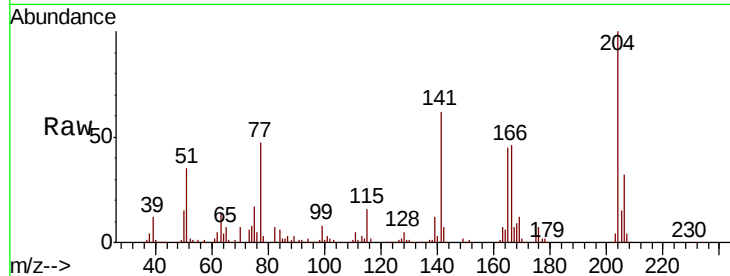




#61
4-Chlorophenyl-phenylether
Concen: 42.618 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

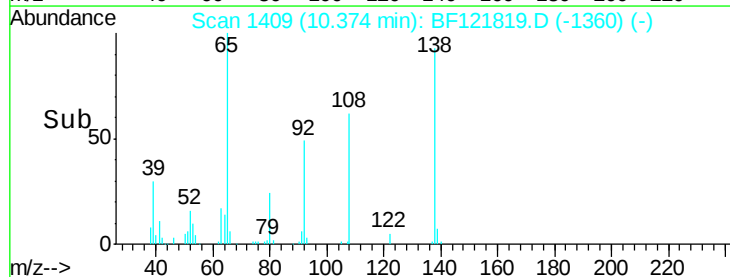
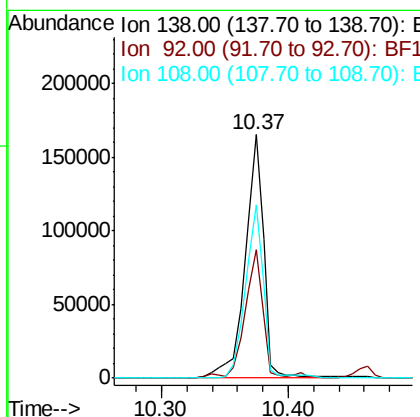
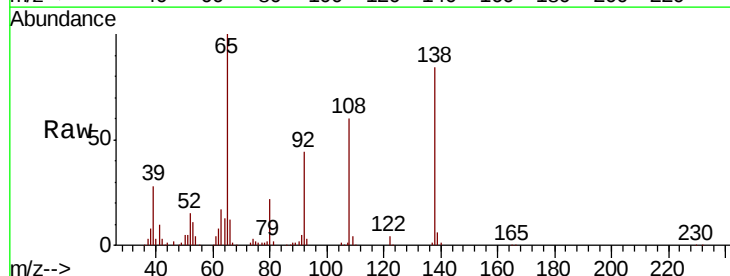
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

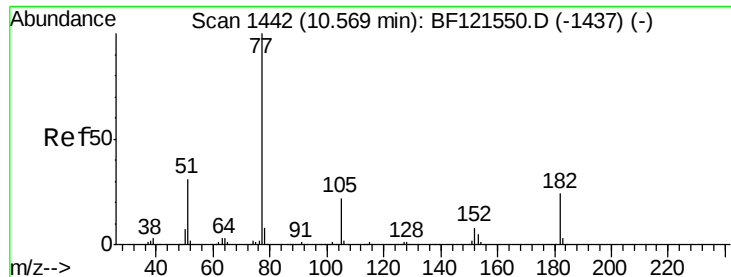
Tot Ion:204 Resp: 287230
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 61.9 46.2 69.4



#62
4-Nitroaniline
Concen: 44.014 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:138 Resp: 166749
Ion Ratio Lower Upper
138 100
92 53.0 31.0 71.0
108 71.1 51.5 91.5





#63

Azobenzene

Concen: 41.396 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 664725

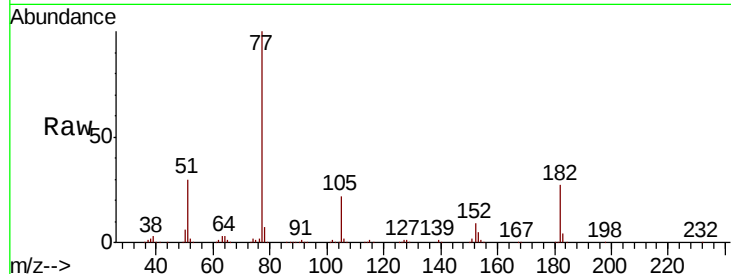
Ion Ratio Lower Upper

77 100

182 26.8 3.4 43.4

105 22.4 1.7 41.7

51 30.2 11.6 51.6

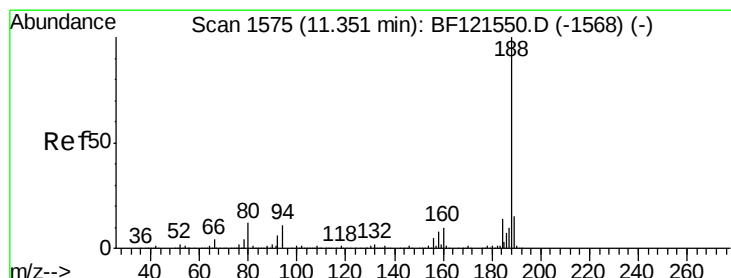
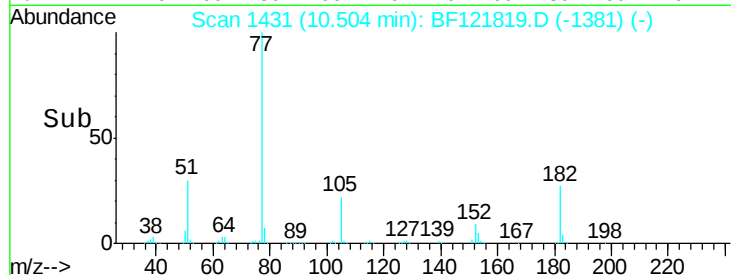
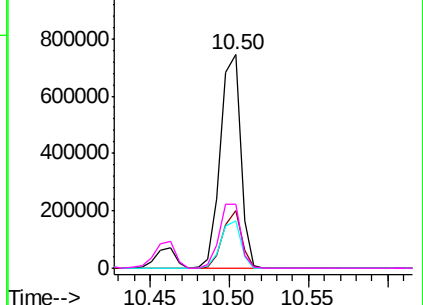


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

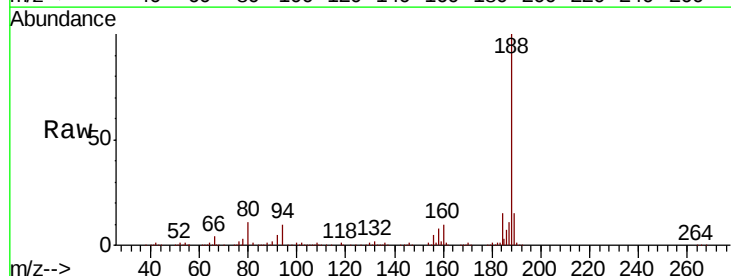
Tgt Ion: 188 Resp: 406928

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

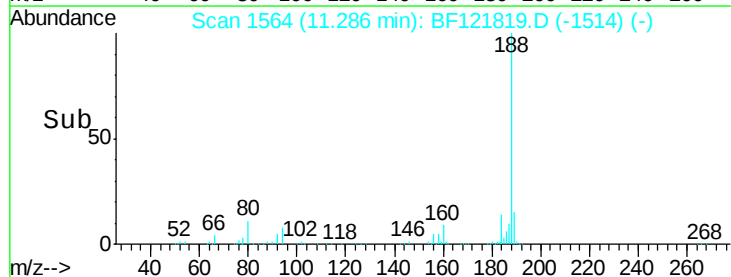
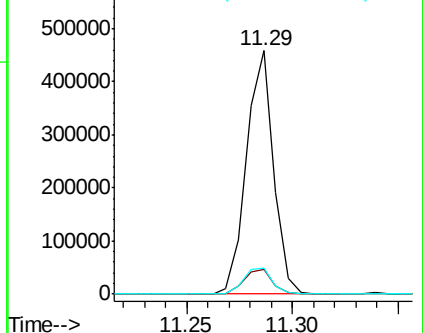
80 10.9 9.1 13.7

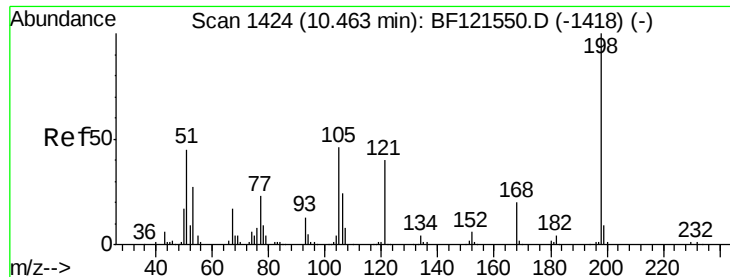


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.967 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

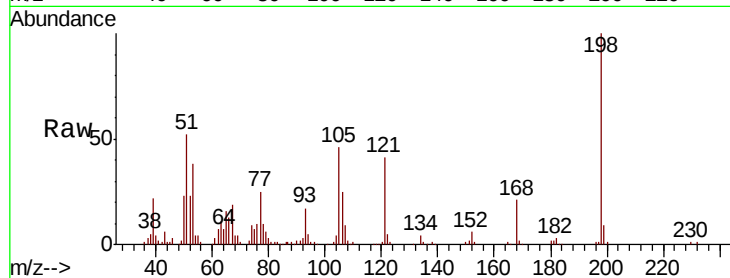
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 105197

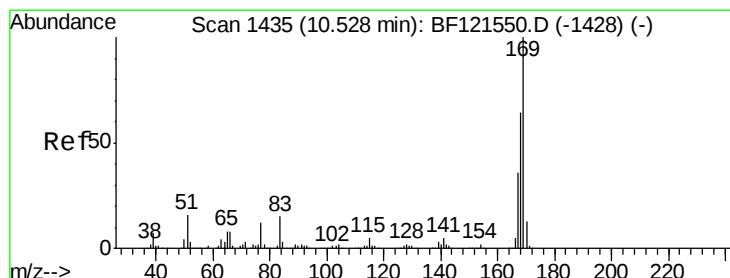
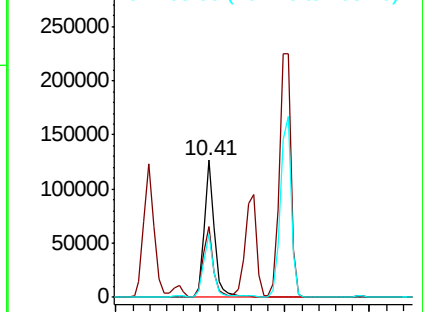
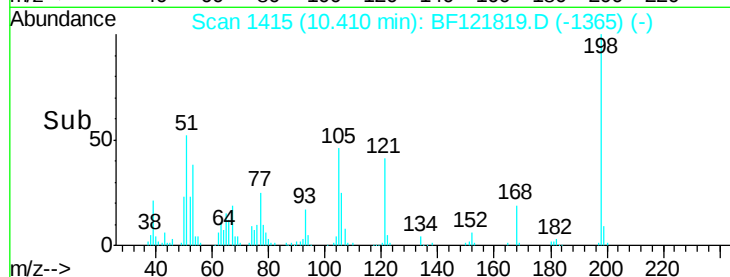
Ion	Ratio	Lower	Upper
198	100		
51	51.9	29.6	69.6
105	45.9	24.4	64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.691 ng

RT: 10.46 min Scan# 1424

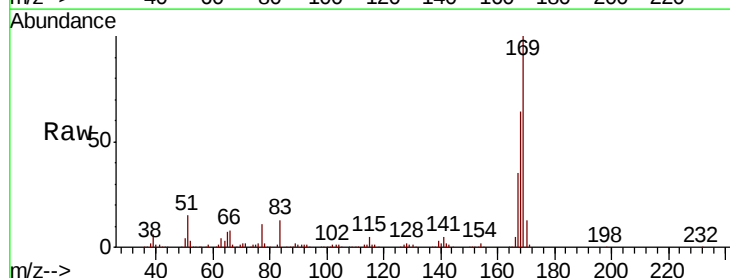
Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Tgt Ion:169 Resp: 554117

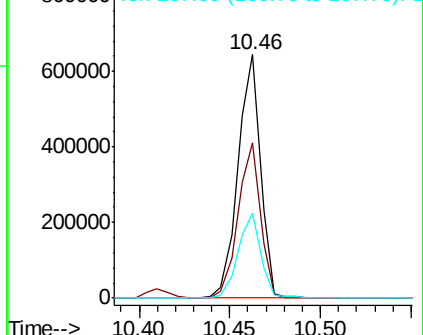
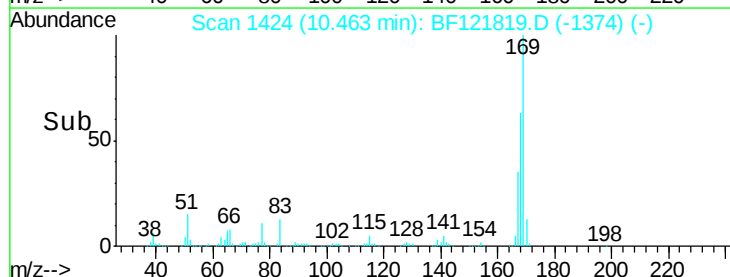
Ion	Ratio	Lower	Upper
169	100		
168	63.5	50.0	75.0
167	35.1	27.8	41.6

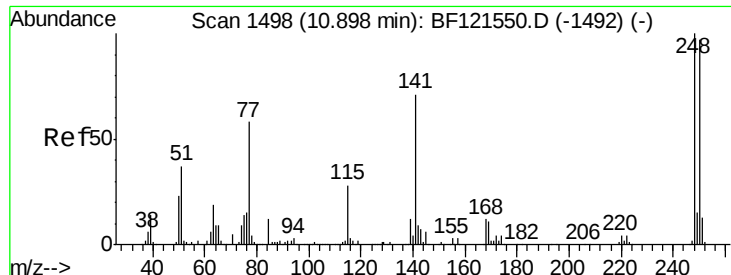


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

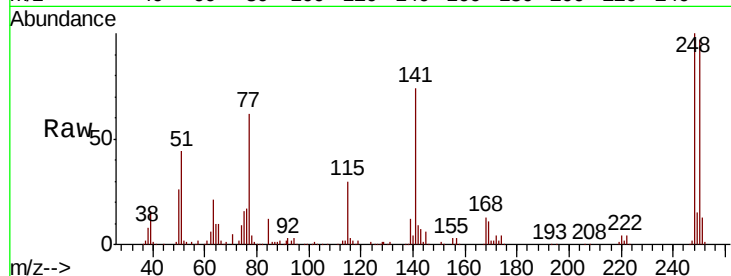




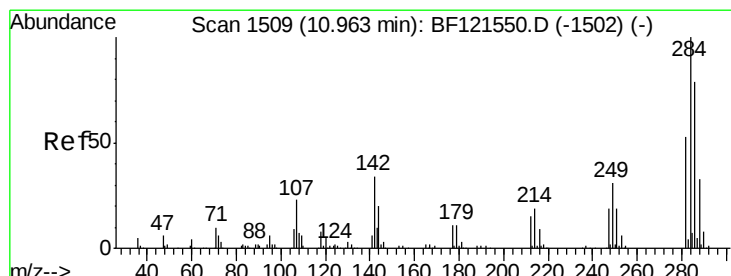
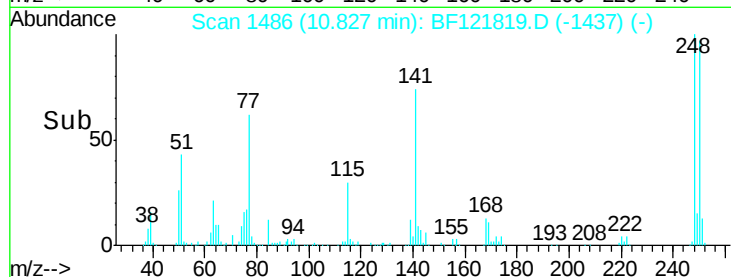
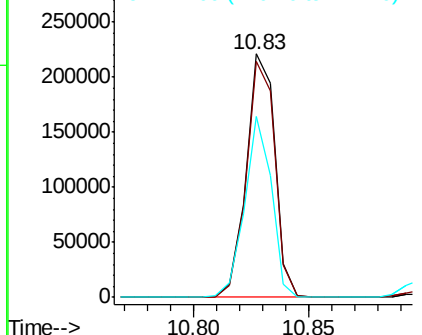
#67
 4-Bromophenyl-phenylether
 Concen: 41.452 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 192049
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.0 115.6
 141 74.4 53.7 80.5

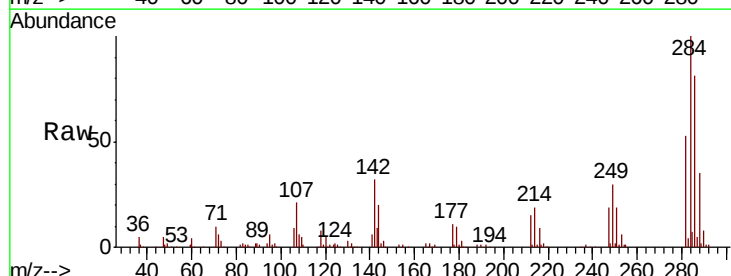


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

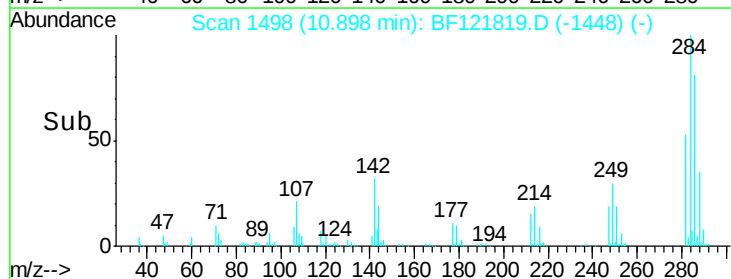
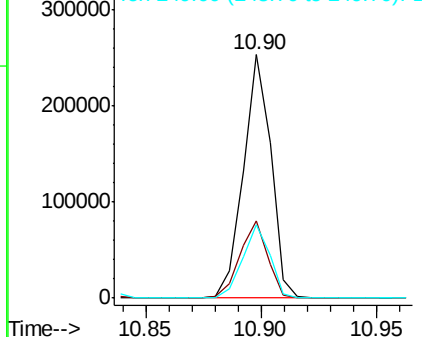


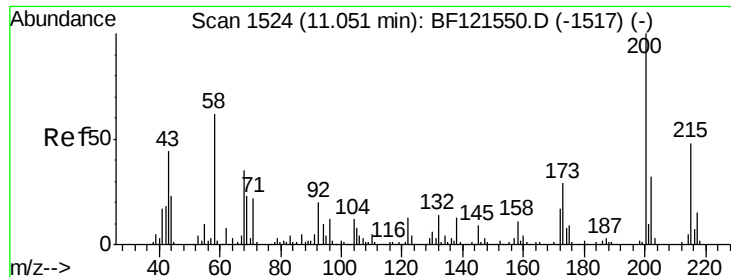
#68
 Hexachlorobenzene
 Concen: 40.377 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion:284 Resp: 211112
 Ion Ratio Lower Upper
 284 100
 142 31.9 27.4 41.2
 249 30.3 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

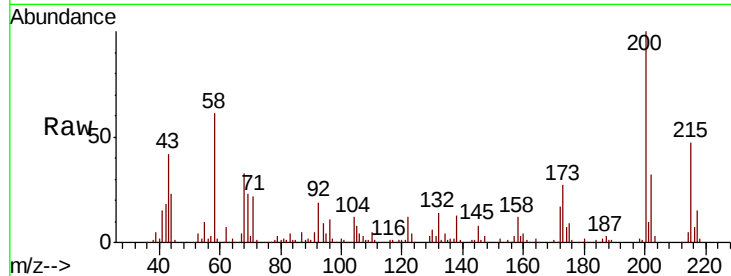




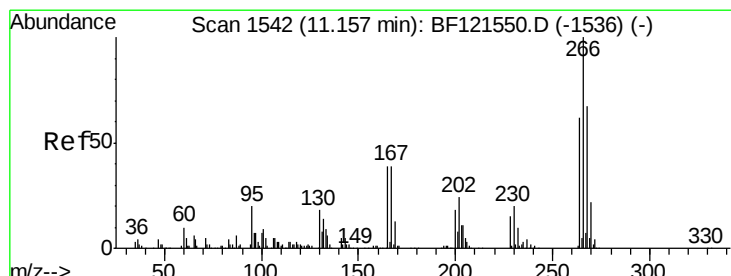
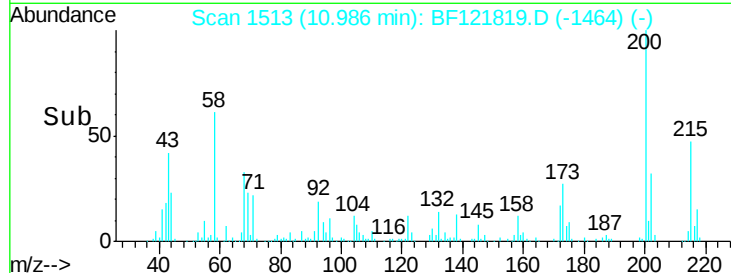
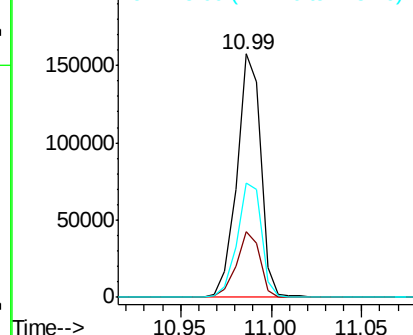
#69
Atrazine
Concen: 41.684 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 144579
Ion Ratio Lower Upper
200 100
173 27.2 7.5 47.5
215 46.9 27.1 67.1

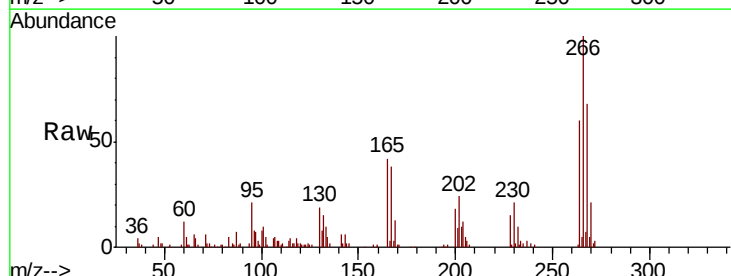


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

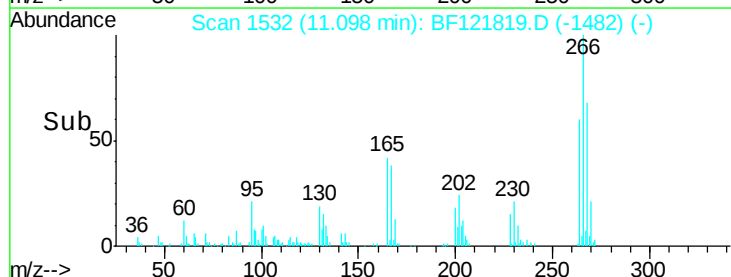
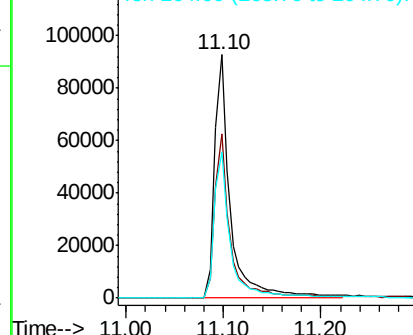


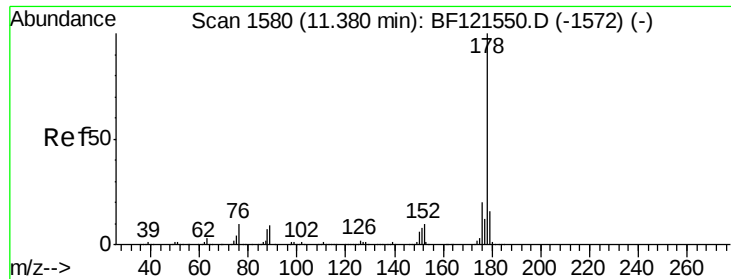
#70
Pentachlorophenol
Concen: 36.409 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:266 Resp: 104546
Ion Ratio Lower Upper
266 100
268 67.6 52.4 78.6
264 60.3 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

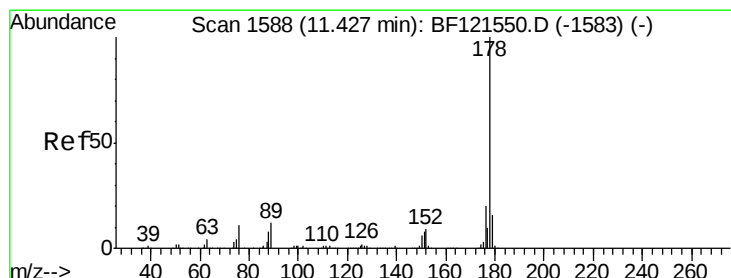
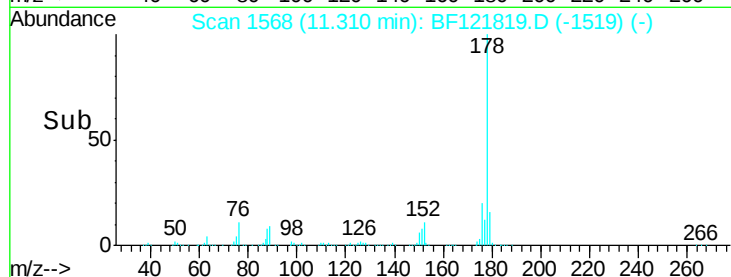
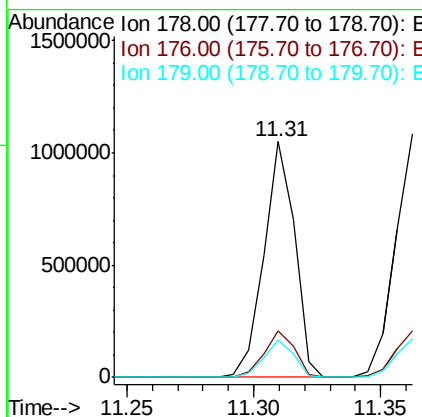
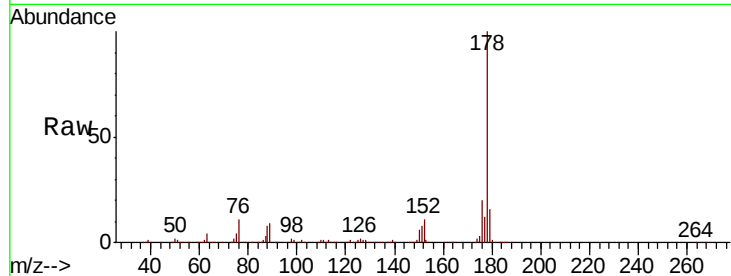




#71
Phenanthrene
Concen: 39.917 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

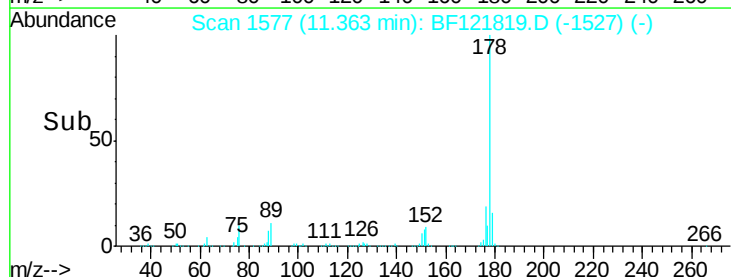
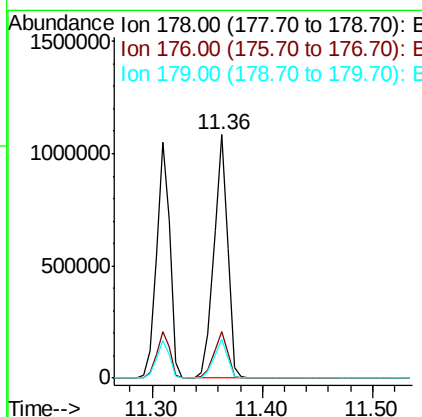
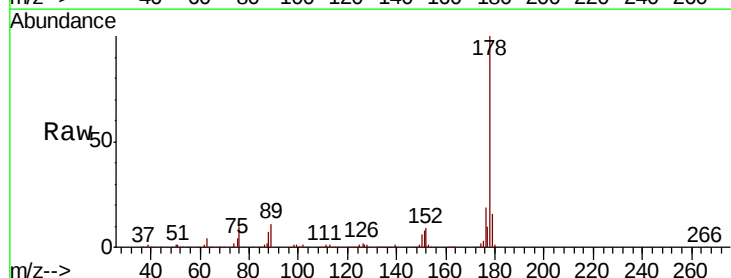
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

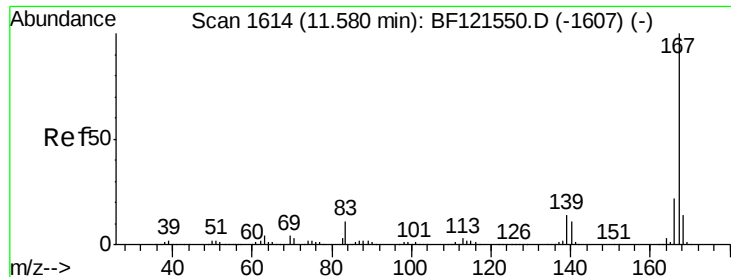
Tot Ion:178 Resp: 885002
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.7 12.2 18.4



#72
Anthracene
Concen: 40.330 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:178 Resp: 922735
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.9 12.7 19.1

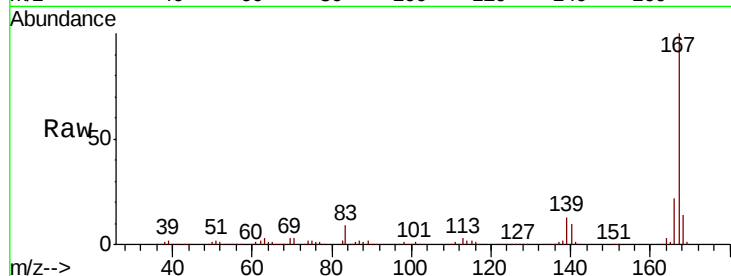




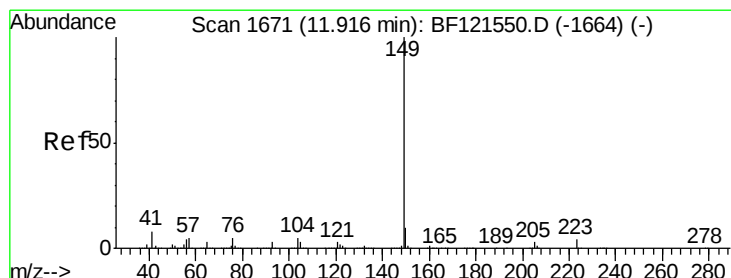
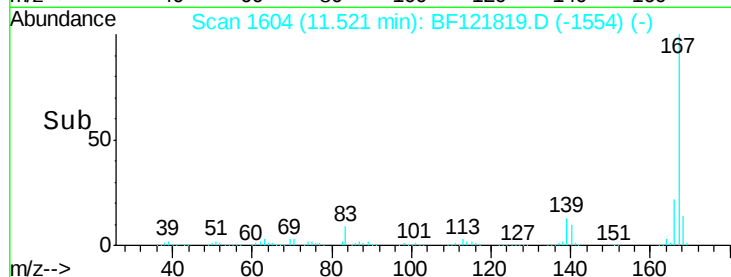
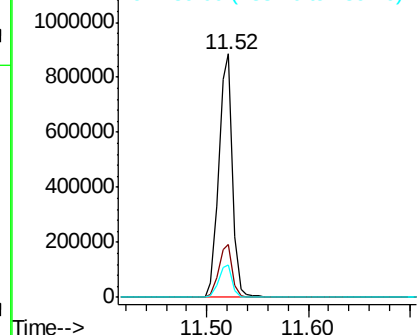
#73
 Carbazole
 Concen: 40.325 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 832574
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.1 10.8 16.2

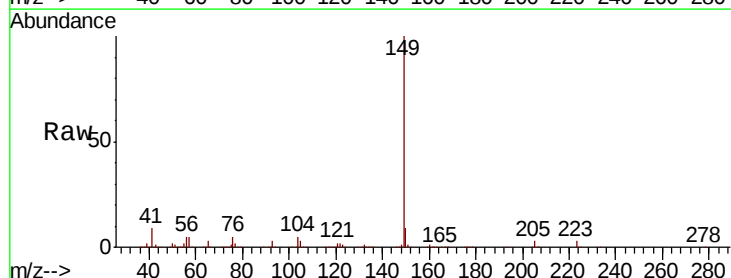


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

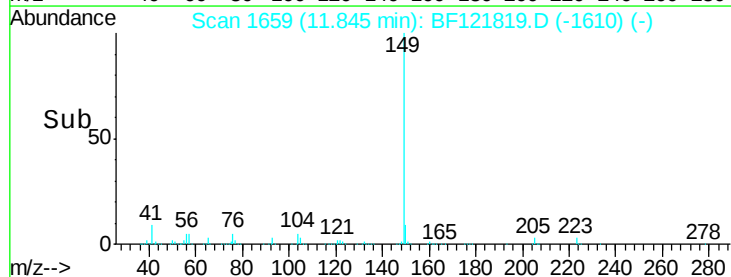
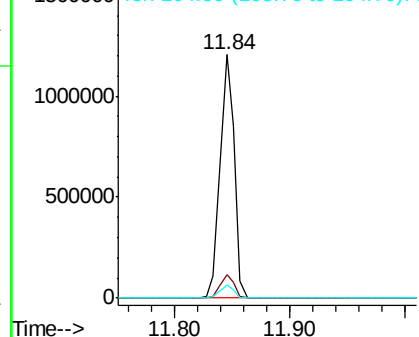


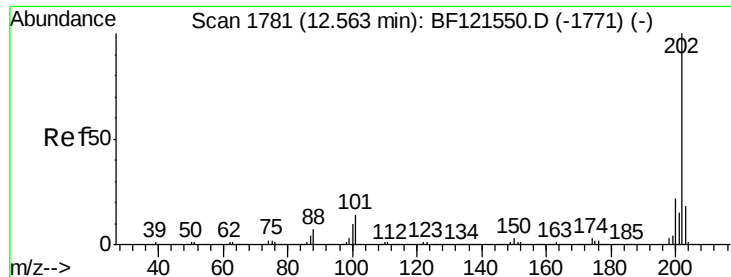
#74
 Di-n-butylphthalate
 Concen: 42.754 ng
 RT: 11.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion:149 Resp: 1018822
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

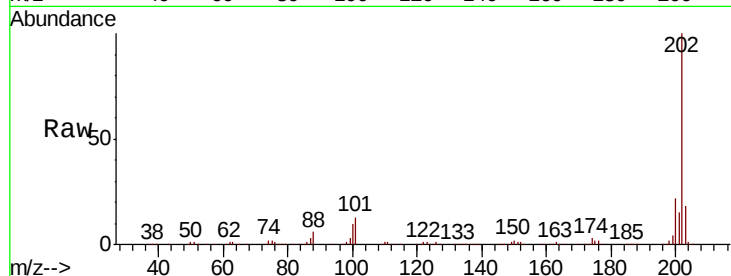




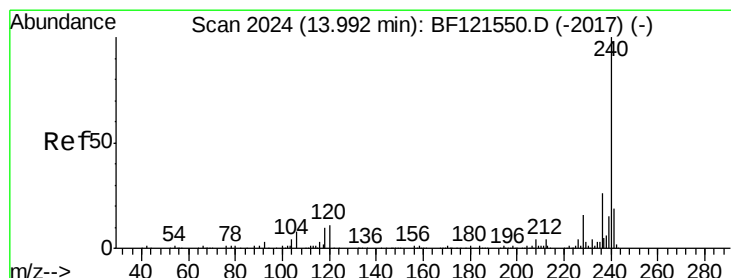
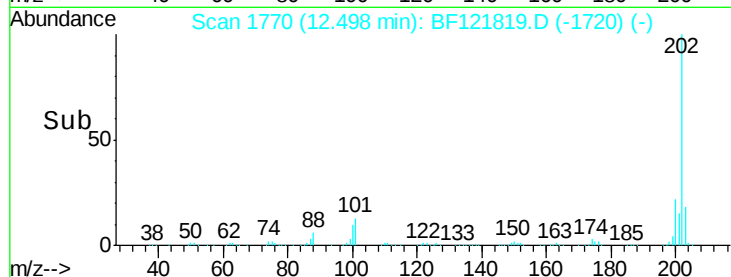
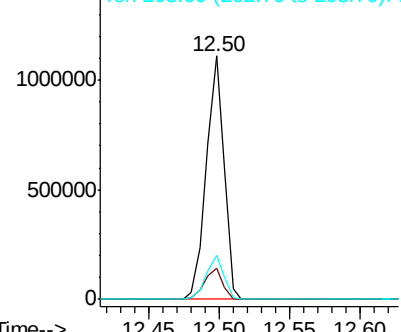
#75
 Fluoranthene
 Concen: 41.105 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.4
203	17.9	0.0	37.9

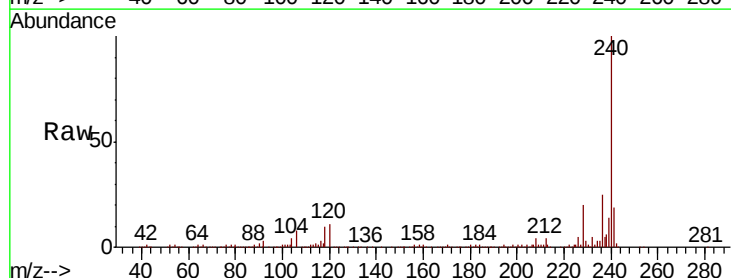


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

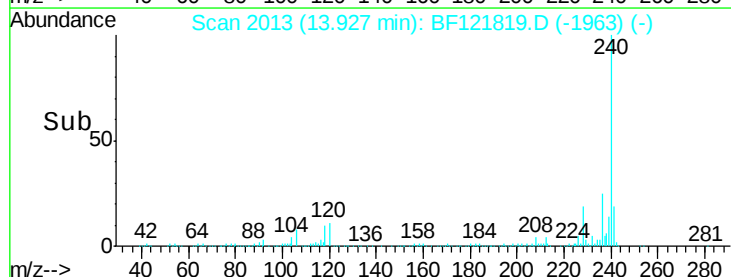
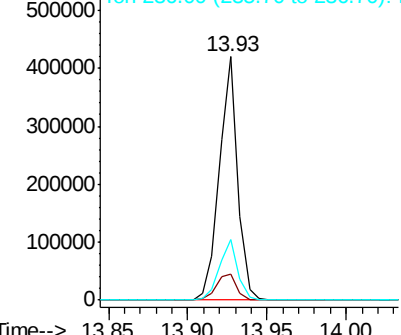


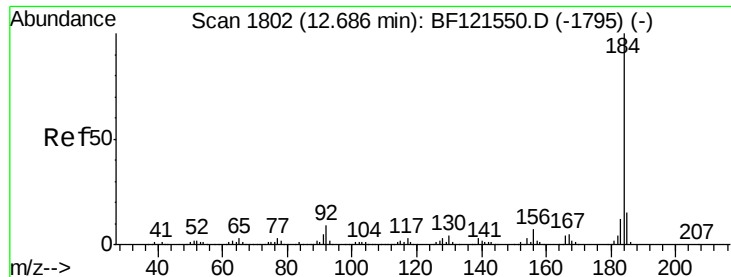
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.2	13.8
236	25.1	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.895 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

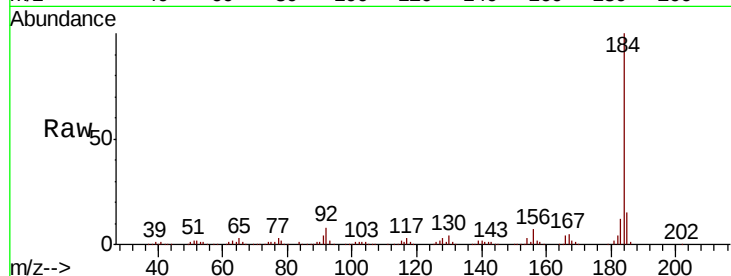
Tot Ion:184 Resp: 410638

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

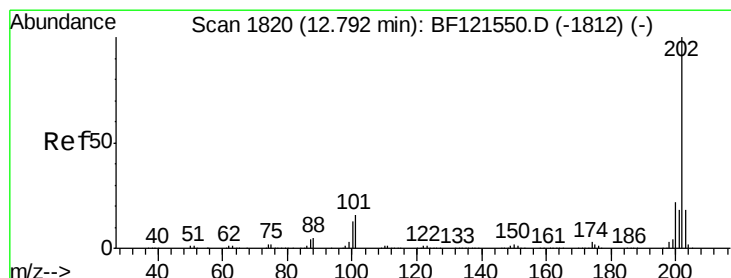
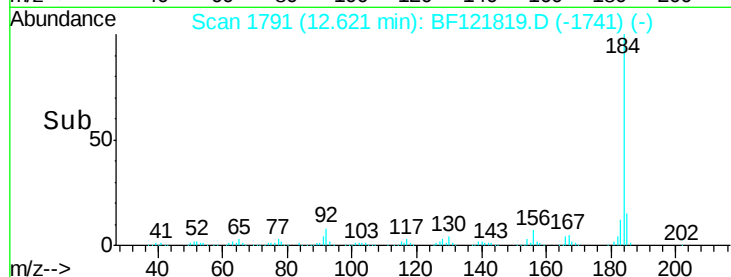
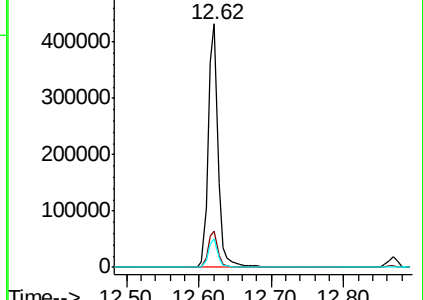
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.205 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

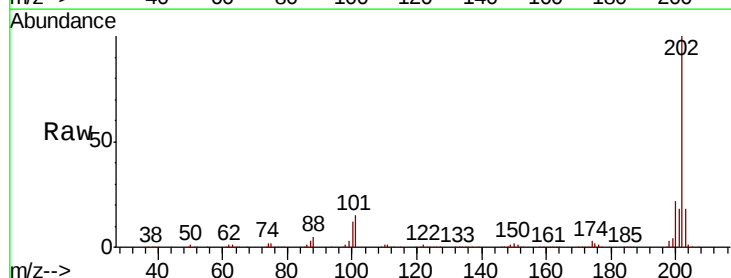
Tgt Ion:202 Resp: 986186

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

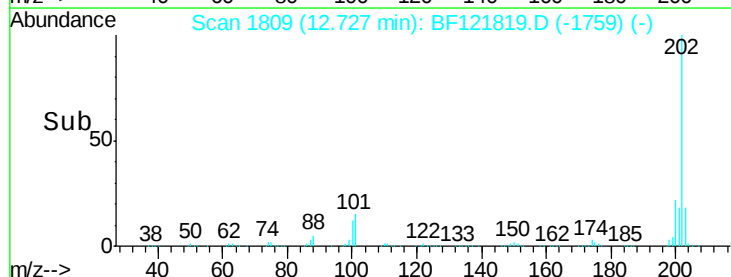
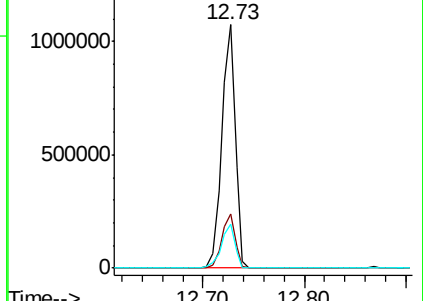
203 18.0 14.6 21.8

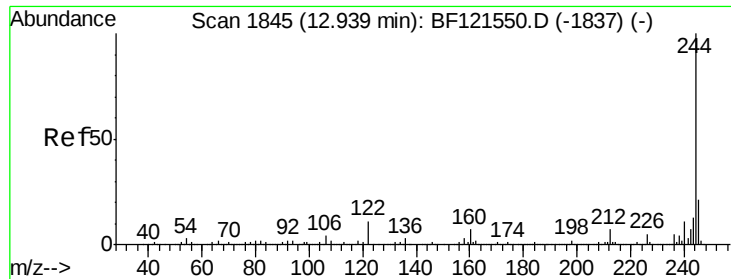


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.356 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

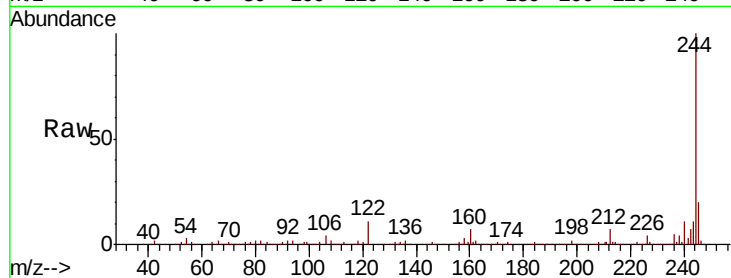
Tot Ion:244 Resp: 1364767

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

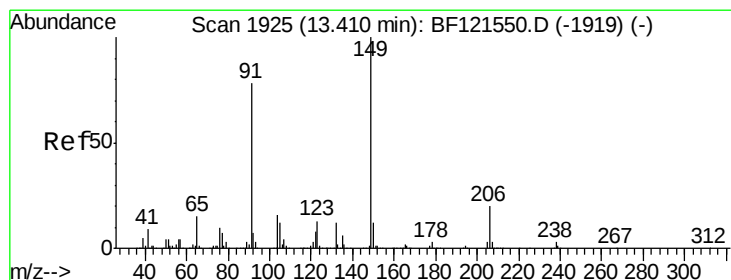
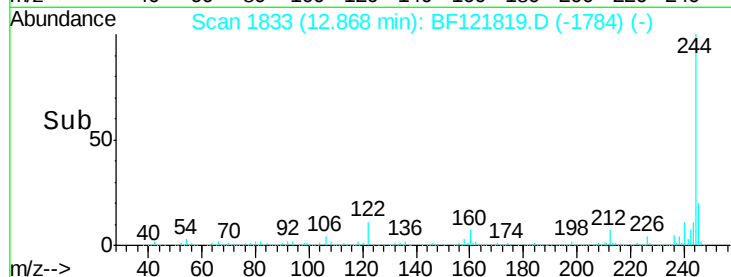
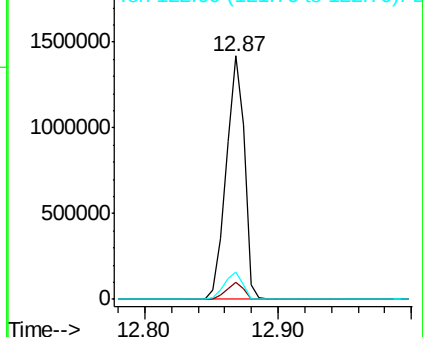
122 11.1 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.449 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

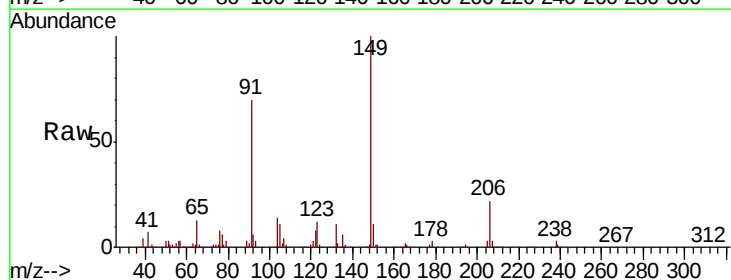
Tgt Ion:149 Resp: 440947

Ion Ratio Lower Upper

149 100

91 69.8 61.0 91.4

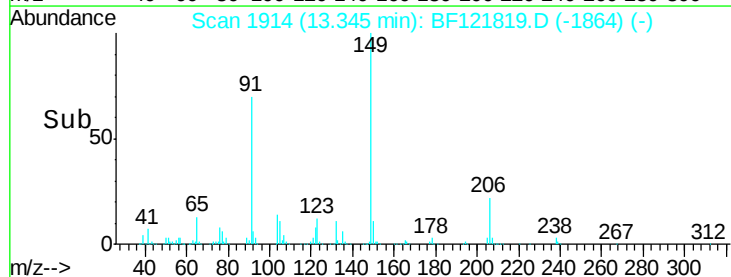
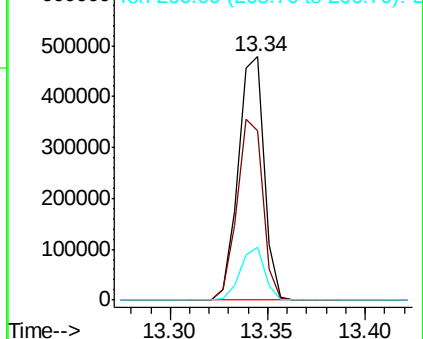
206 21.8 16.7 25.1

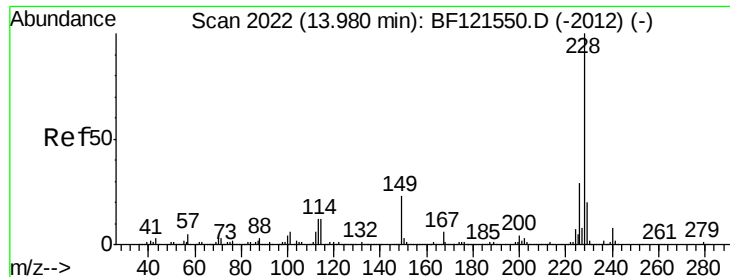


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

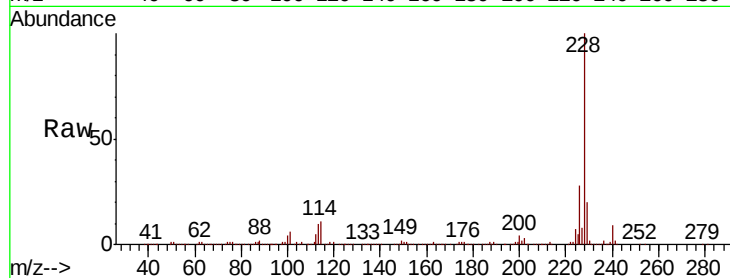




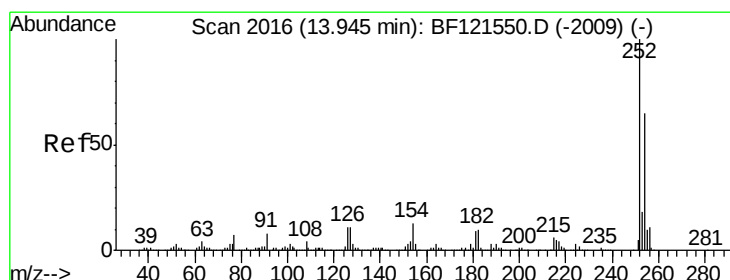
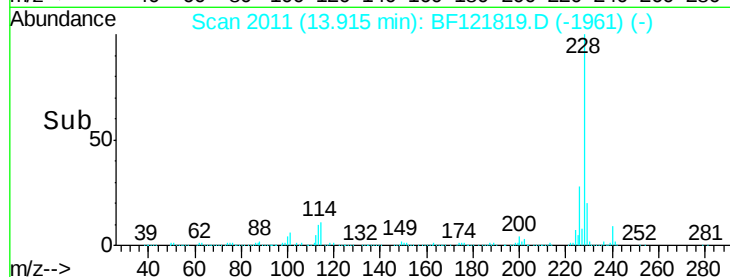
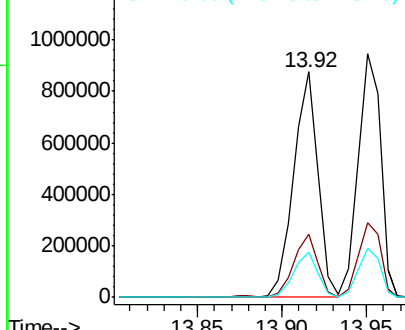
#81
Benzo(a)anthracene
Concen: 41.435 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 880063
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.1 16.2 24.4

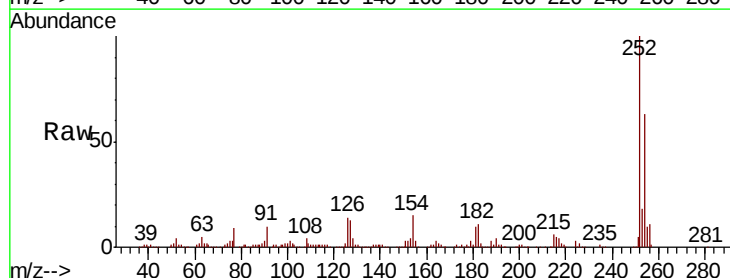


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

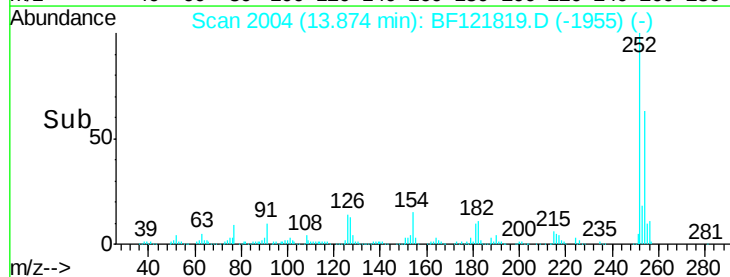
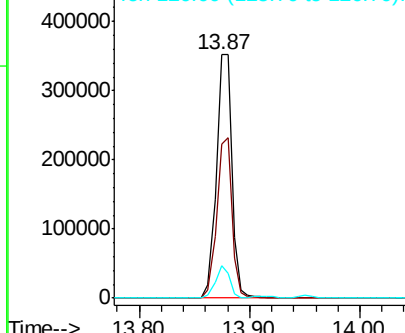


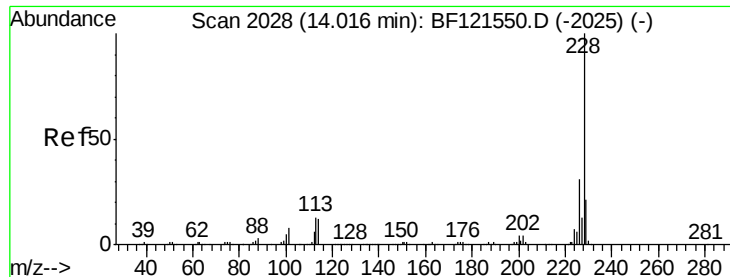
#82
3,3'-Dichlorobenzidine
Concen: 41.709 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:252 Resp: 345851
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 13.5 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.482 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

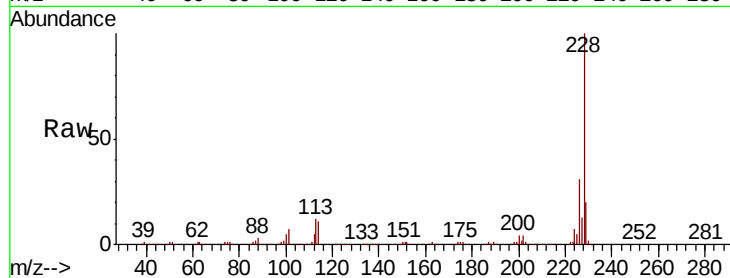
Tot Ion:228 Resp: 870684

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

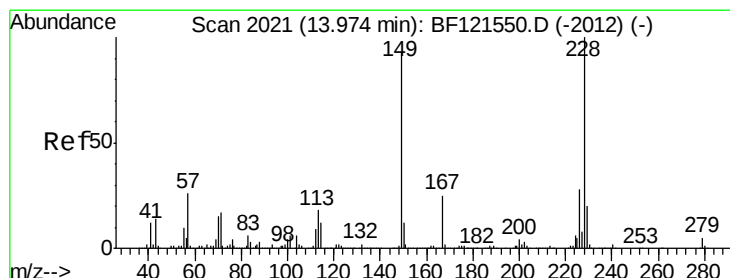
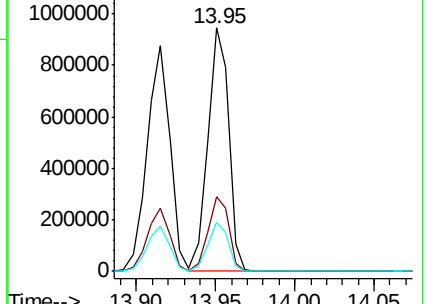
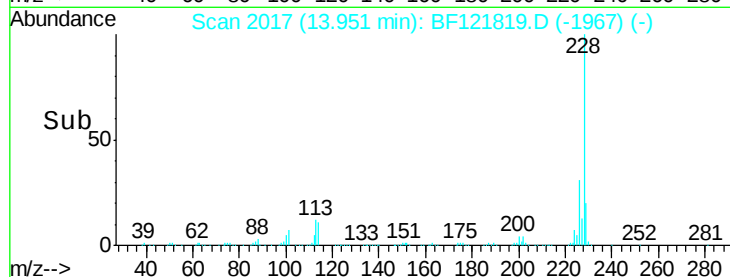
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.203 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

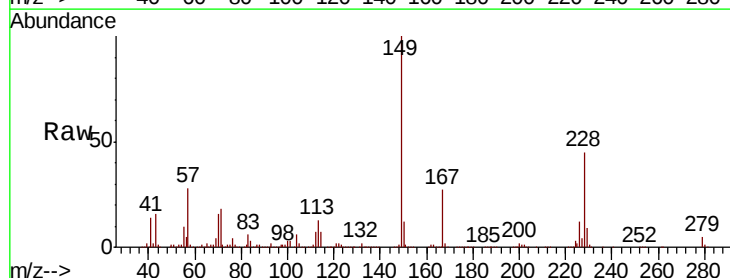
Tgt Ion:149 Resp: 612314

Ion Ratio Lower Upper

149 100

167 26.6 20.9 31.3

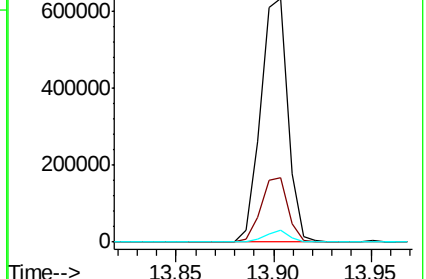
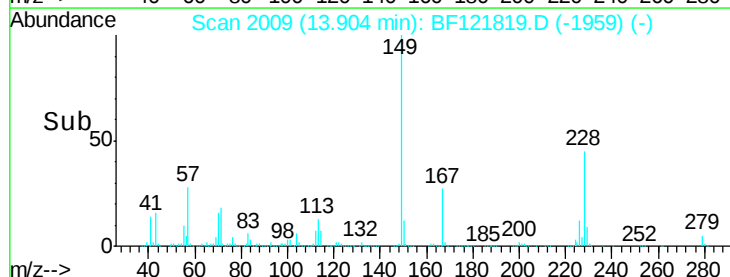
279 4.8 3.2 4.8#

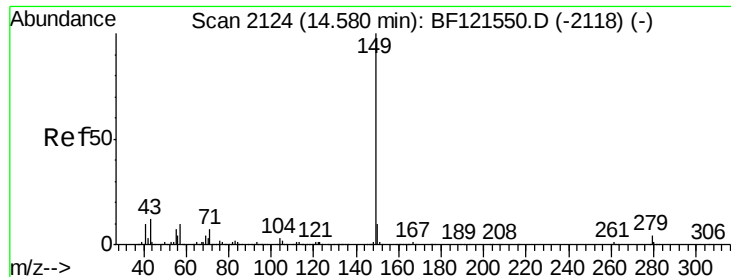


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

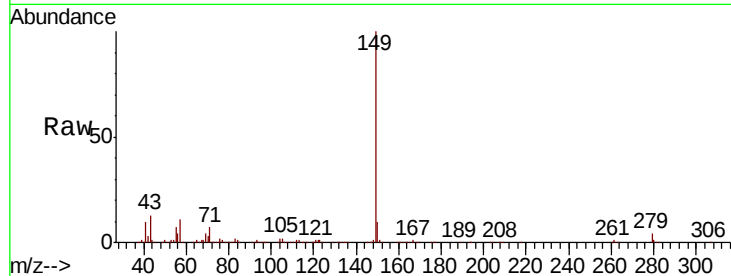




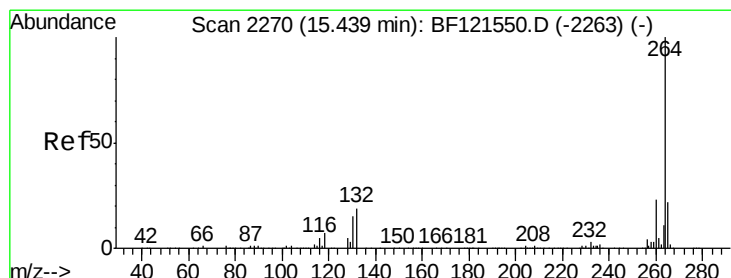
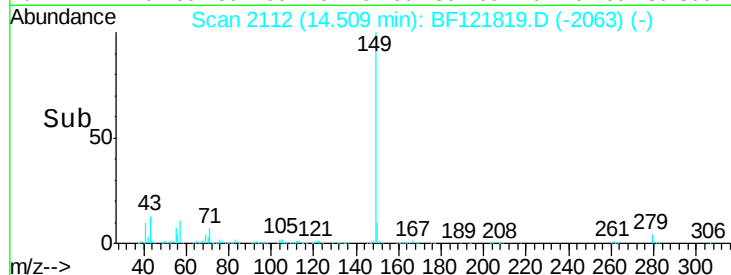
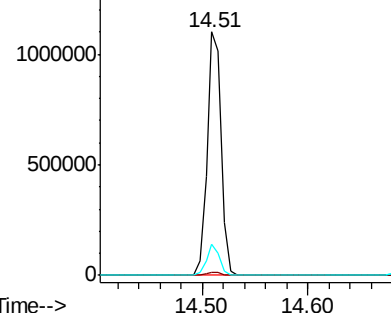
#85
Di-n-octyl phthalate
Concen: 43.908 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1026953
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.0 13.6

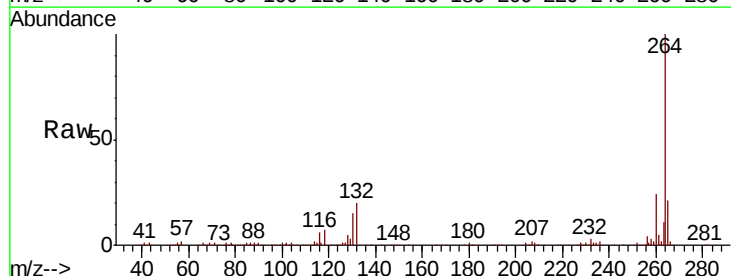


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

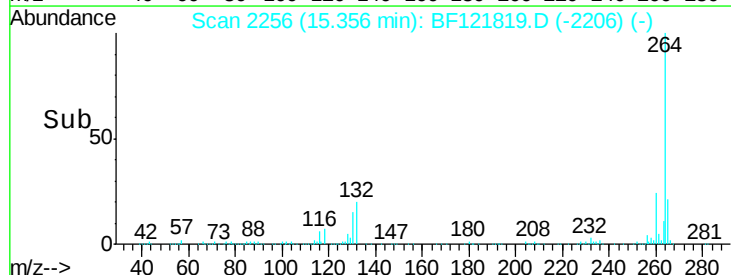
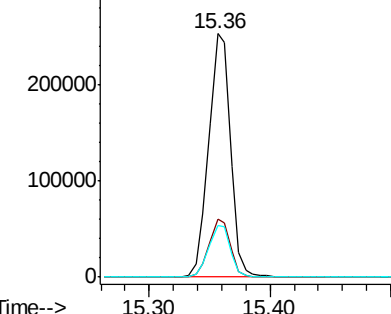


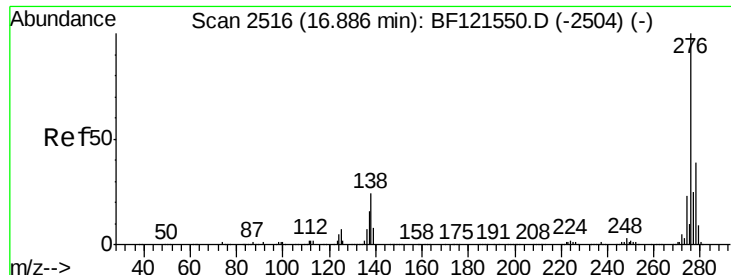
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:264 Resp: 315447
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
300000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

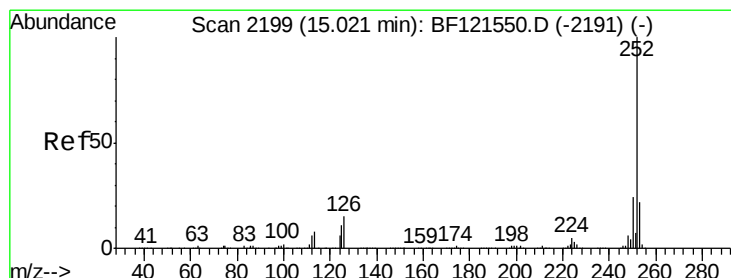
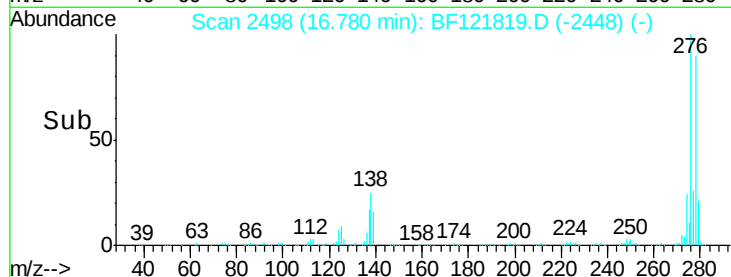
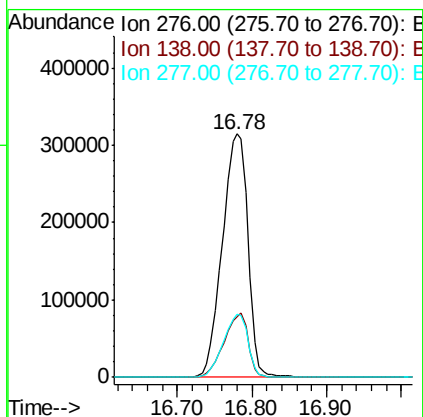
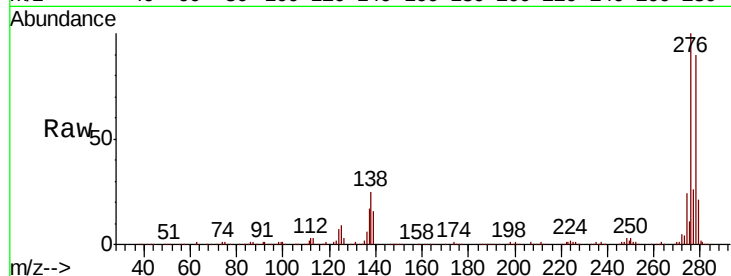




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.538 ng
 RT: 16.78 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

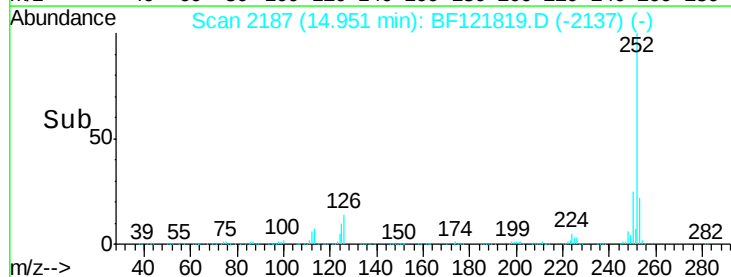
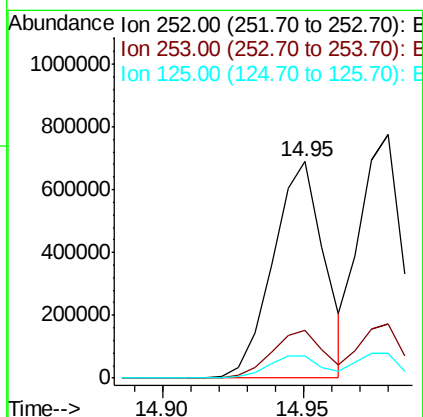
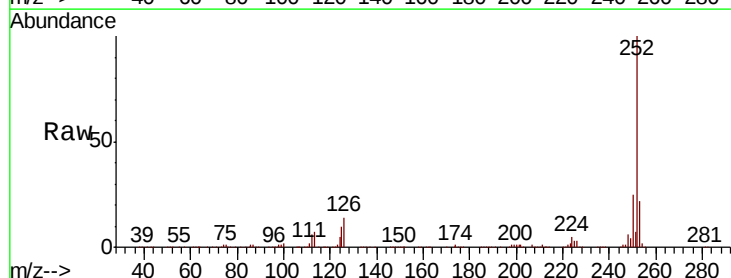
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

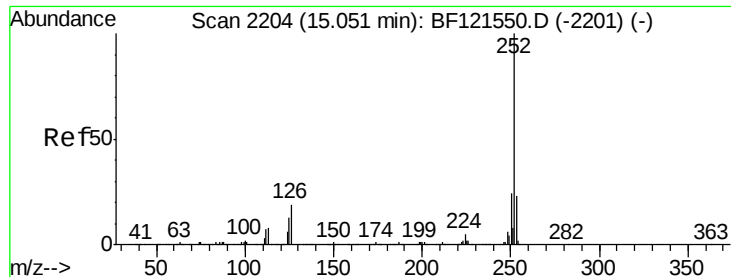
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.2	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.086 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121819.D
 Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.3	8.0	12.0

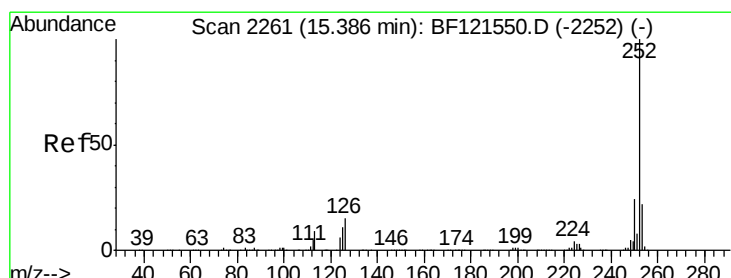
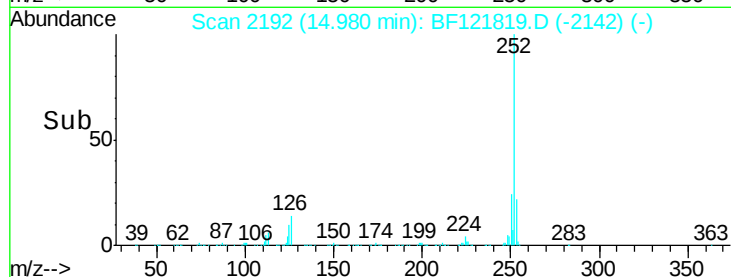
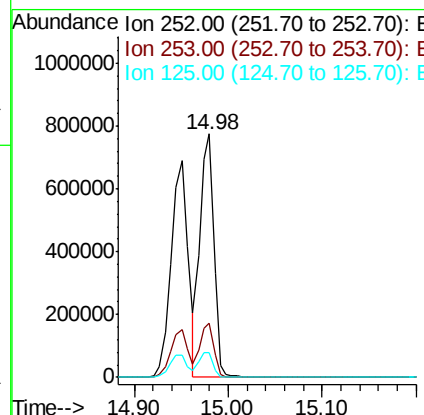
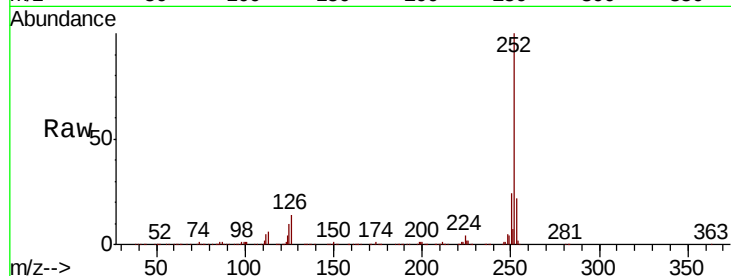




#89
Benzo(k)fluoranthene
Concen: 41.226 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

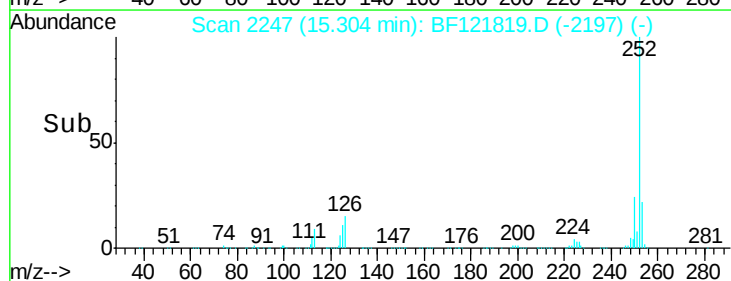
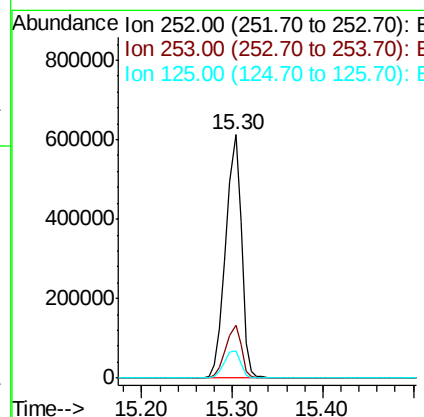
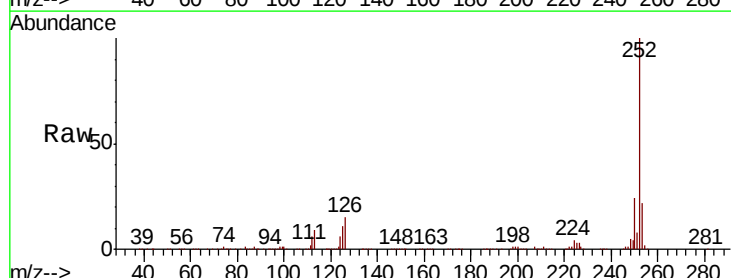
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

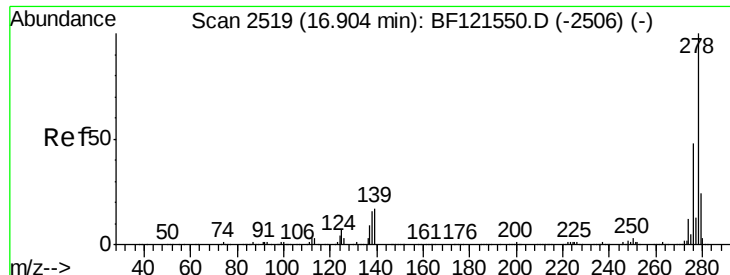
Tot Ion:252 Resp: 796123
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.114 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121819.D
Acq: 5 Oct 2020 16:09

Tgt Ion:252 Resp: 736989
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 36.631 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

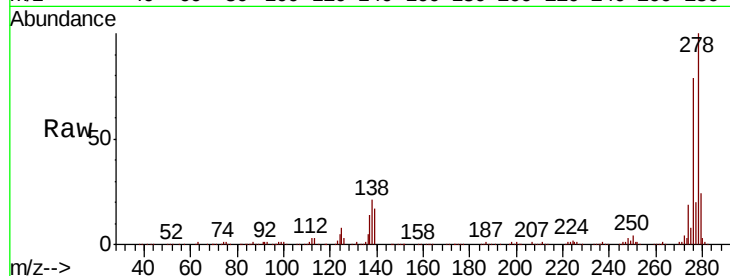
Tot Ion:278 Resp: 626407

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.4

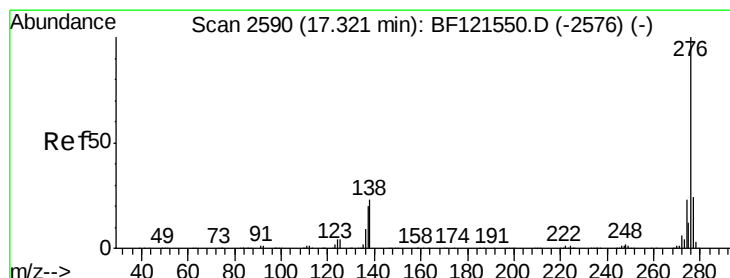
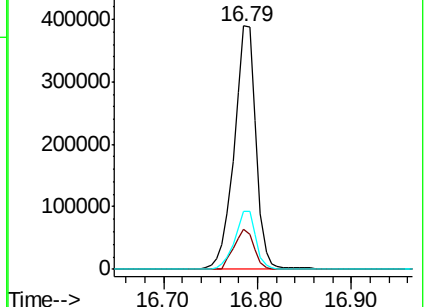
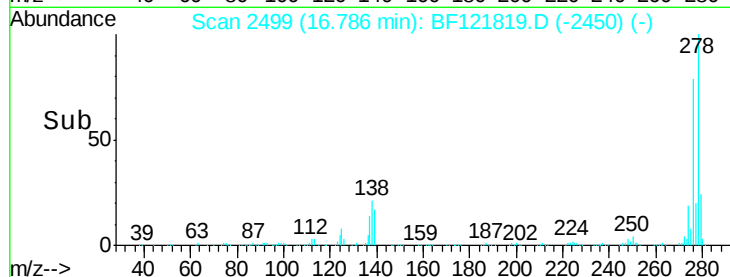
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.002 ng

RT: 17.20 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF121819.D

Acq: 5 Oct 2020 16:09

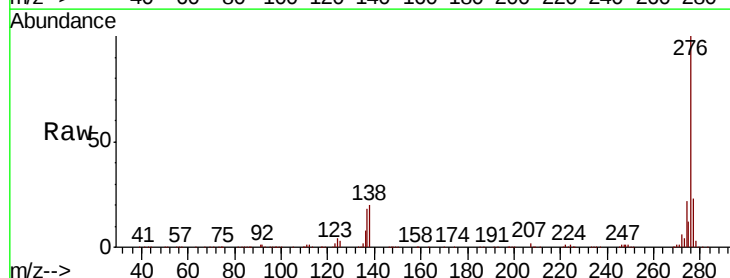
Tgt Ion:276 Resp: 605173

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 20.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

