

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121422.D
 Acq On : 25 Aug 2020 12:02
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 25 13:15:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156681	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	586823	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	308038	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	585530	20.00	ng	0.00
76) Chrysene-d12	13.86	240	456515	20.00	ng	0.01
86) Perylene-d12	15.27	264	467264	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	712277	74.54	ng	0.01
7) Phenol-d6	6.35	99	860395	70.53	ng	0.01
23) Nitrobenzene-d5	7.27	82	933604	89.98	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	261190	72.76	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1498025	94.86	ng	0.00
79) Terphenyl-d14	12.80	244	1676522	71.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	160964	37.226	ng	99
3) Pyridine	3.03	79	451718	38.924	ng	99
4) n-Nitrosodimethylamine	2.99	42	176561	37.379	ng	100
6) Aniline	6.36	93	473832	33.641	ng	# 62
8) 2-Chlorophenol	6.49	128	371631	37.212	ng	98
9) Benzaldehyde	6.25	77	270813	39.464	ng	96
10) Phenol	6.36	94	432592	33.822	ng	89
11) bis(2-Chloroethyl)ether	6.44	93	360746	36.622	ng	98
12) 1,3-Dichlorobenzene	6.64	146	409926	36.636	ng	98
13) 1,4-Dichlorobenzene	6.72	146	413241	36.585	ng	99
14) 1,2-Dichlorobenzene	6.87	146	366854	34.104	ng	99
15) Benzyl Alcohol	6.85	79	261128	35.579	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	510995	35.231	ng	76
17) 2-Methylphenol	6.97	107	293664	35.637	ng	# 94
18) Hexachloroethane	7.20	117	154449	36.722	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	240205	36.615	ng	99
20) 3+4-Methylphenols	7.13	107	371416	45.624	ng	# 79
22) Acetophenone	7.12	105	512008	37.320	ng	96
24) Nitrobenzene	7.29	77	383145	36.231	ng	99
25) Isophorone	7.53	82	665556	35.247	ng	98
26) 2-Nitrophenol	7.60	139	207893	38.331	ng	99
27) 2,4-Dimethylphenol	7.65	122	284284	36.734	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	465102	36.184	ng	99
29) 2,4-Dichlorophenol	7.85	162	315097	37.292	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	349351	36.156	ng	98
31) Naphthalene	8.00	128	1032541	35.354	ng	99
32) Benzoic acid	7.80	122	193737	34.371	ng	98
33) 4-Chloroaniline	8.06	127	469078	36.271	ng	97
34) Hexachlorobutadiene	8.12	225	204577	35.777	ng	99
35) Caprolactam	8.44	113	106631	38.533	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	317084	37.104	ng	99
37) 2-Methylnaphthalene	8.69	142	690395	36.471	ng	99
38) 1-Methylnaphthalene	8.79	142	648838	36.048	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	328283	35.907	ng	100

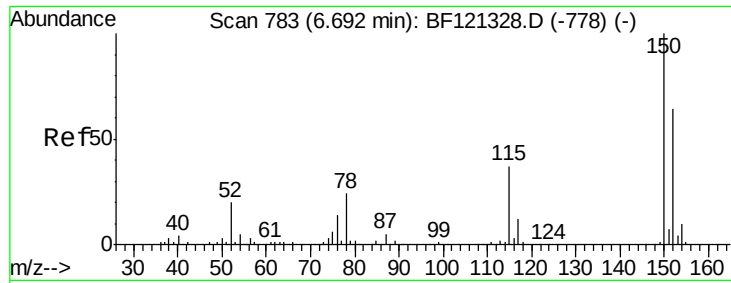
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	120207	36.813	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	229964	36.792	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	237273	36.898	ng	99
46) 1,1'-Biphenyl	9.16	154	836055	36.212	ng	100
47) 2-Chloronaphthalene	9.18	162	681951	35.852	ng	100
48) 2-Nitroaniline	9.29	65	223500	37.319	ng	96
49) Acenaphthylene	9.60	152	1023340	36.221	ng	100
50) Dimethylphthalate	9.46	163	822537	36.703	ng	100
51) 2,6-Dinitrotoluene	9.53	165	180245	37.660	ng	93
52) Acenaphthene	9.77	154	618544	36.032	ng	98
53) 3-Nitroaniline	9.70	138	223629	37.351	ng	96
54) 2,4-Dinitrophenol	9.82	184	86304	37.403	ng	96
55) Dibenzofuran	9.94	168	874941	39.242	ng	98
56) 4-Nitrophenol	9.88	139	124165	33.626	ng	97
57) 2,4-Dinitrotoluene	9.93	165	211435	36.212	ng	88
58) Fluorene	10.28	166	689145	42.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	204560	37.213	ng	99
60) Diethylphthalate	10.16	149	781736	35.722	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	336783	40.936	ng	99
62) 4-Nitroaniline	10.32	138	228233	37.204	ng	98
63) Azobenzene	10.43	77	727462	35.790	ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	118638	37.887	ng	88
66) n-Nitrosodiphenylamine	10.40	169	643698	35.640	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	233646	35.973	ng	99
68) Hexachlorobenzene	10.83	284	266916	35.652	ng	96
69) Atrazine	10.93	200	204545	36.559	ng	98
70) Pentachlorophenol	11.03	266	113733	34.143	ng	99
71) Phenanthrene	11.25	178	1037045	34.221	ng	100
72) Anthracene	11.30	178	1048377	35.925	ng	100
73) Carbazole	11.45	167	1017092	36.520	ng	100
74) Di-n-butylphthalate	11.78	149	1229295	36.604	ng	100
75) Fluoranthene	12.43	202	1162262	35.335	ng	99
77) Benzidine	12.56	184	528503	42.020	ng	99
78) Pyrene	12.66	202	1178332	34.362	ng	99
80) Butylbenzylphthalate	13.27	149	537116	36.452	ng	99
81) Benzo(a)anthracene	13.84	228	978712	34.517	ng	98
82) 3,3'-Dichlorobenzidine	13.81	252	401592	36.888	ng	98
83) Chrysene	13.89	228	999658	34.471	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	663191	38.272	ng	99
85) Di-n-octyl phthalate	14.45	149	1184172	36.926	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	965697	33.857	ng	99
88) Benzo(b)fluoranthene	14.87	252	1021954	33.854	ng	99
89) Benzo(k)fluoranthene	14.90	252	913352	34.372	ng	99
90) Benzo(a)pyrene	15.22	252	900417	34.521	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	784733	33.555	ng	98
92) Benzo(g,h,i)perylene	17.06	276	781823	34.196	ng	99

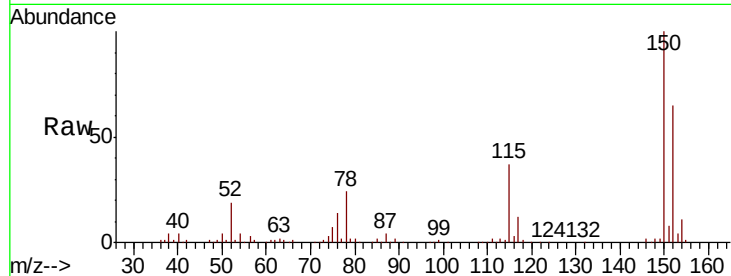
(#) = qualifier out of range (m) = manual integration (+) = signals summed



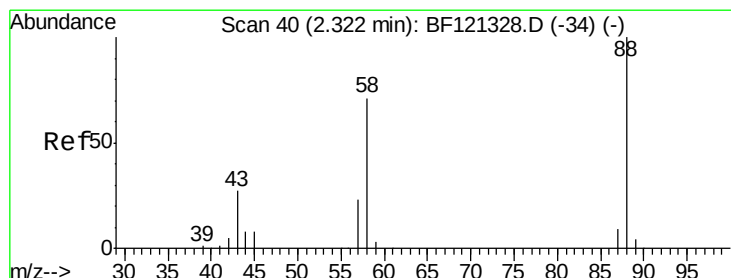
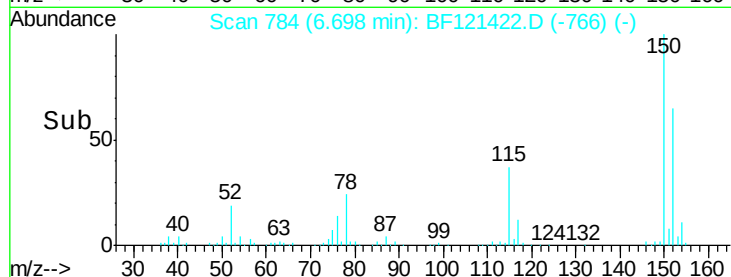
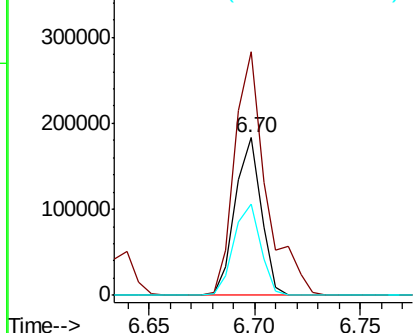
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 156681
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.8 187.2
 115 57.7 46.1 69.1

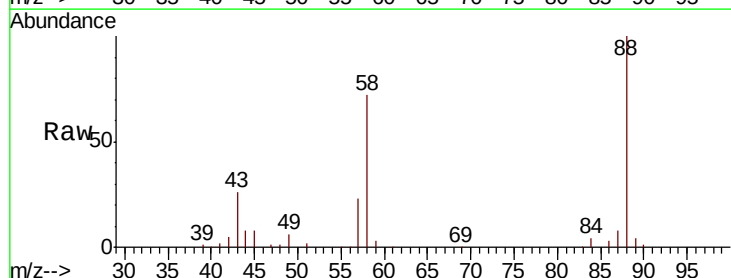


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

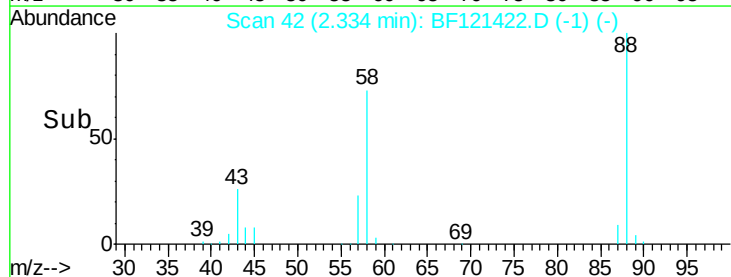
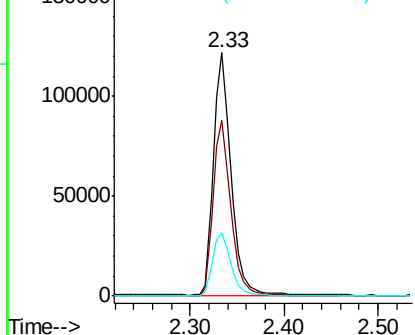


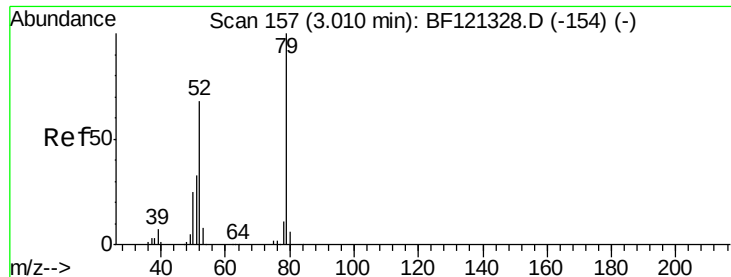
#2
 1,4-Dioxane
 Concen: 37.226 ng
 RT: 2.33 min Scan# 42
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion: 88 Resp: 160964
 Ion Ratio Lower Upper
 88 100
 58 73.5 58.5 87.7
 43 27.6 21.8 32.8



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

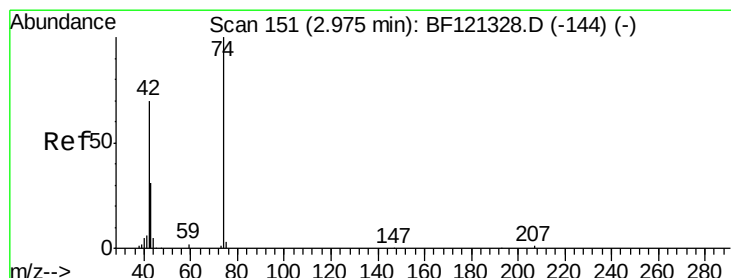
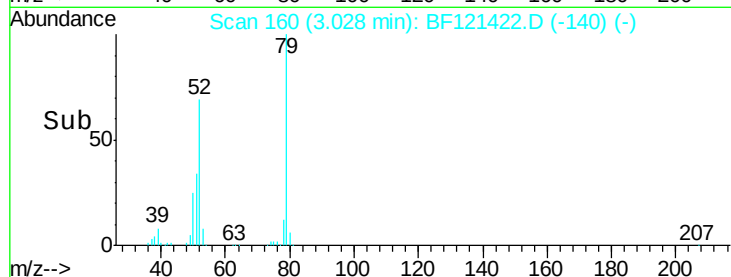
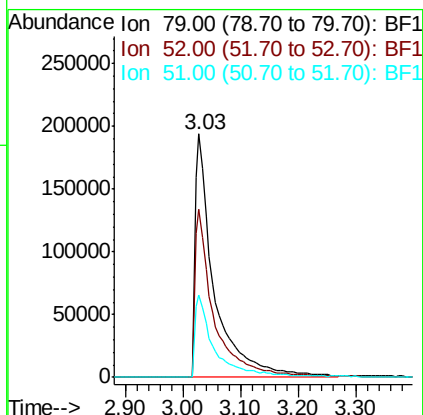
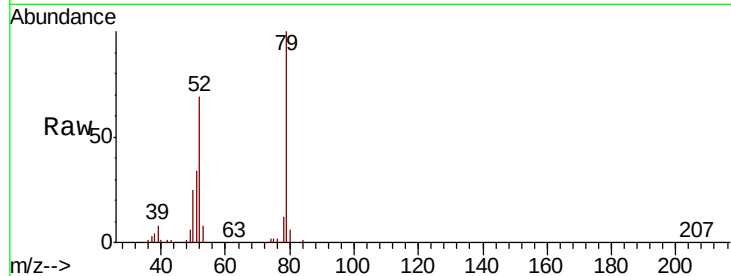




#3
 Pvridine
 Concen: 38.924 ng
 RT: 3.03 min Scan# 160
 Delta R.T. 0.02 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

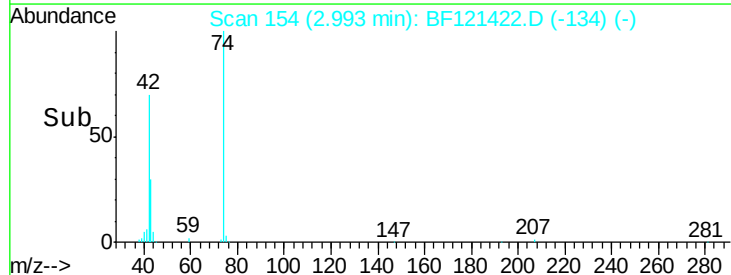
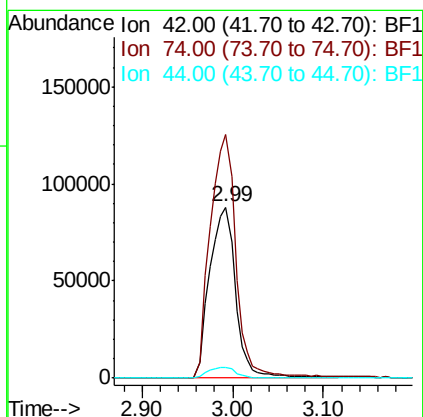
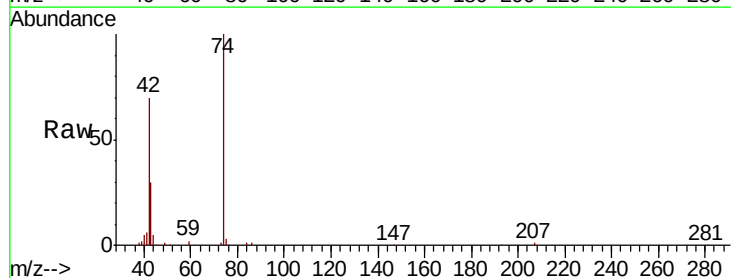
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

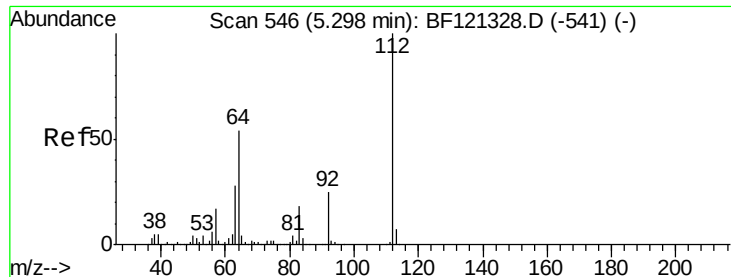
Tot Ion: 79 Resp: 451718
 Ion Ratio Lower Upper
 79 100
 52 68.8 54.6 82.0
 51 34.1 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 37.379 ng
 RT: 2.99 min Scan# 154
 Delta R.T. 0.02 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion: 42 Resp: 176561
 Ion Ratio Lower Upper
 42 100
 74 142.7 114.2 171.2
 44 6.4 5.4 8.2





#5

2-Fluorophenol

Concen: 74.543 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

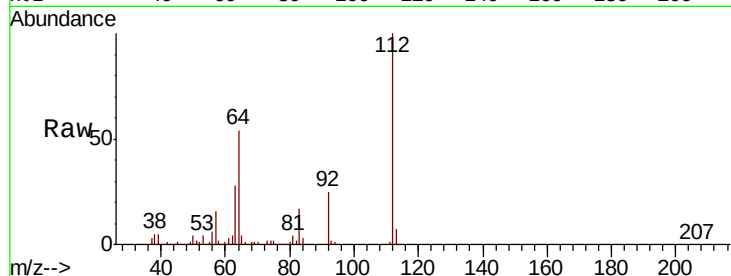
Tot Ion:112 Resp: 712277

Ion Ratio Lower Upper

112 100

64 53.8 43.5 65.3

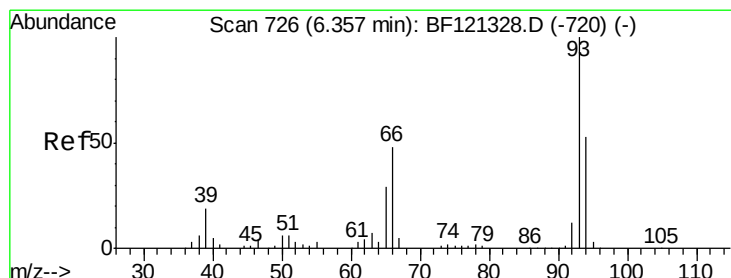
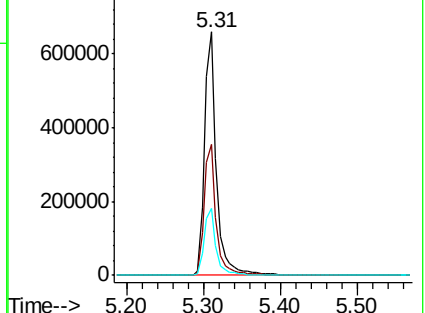
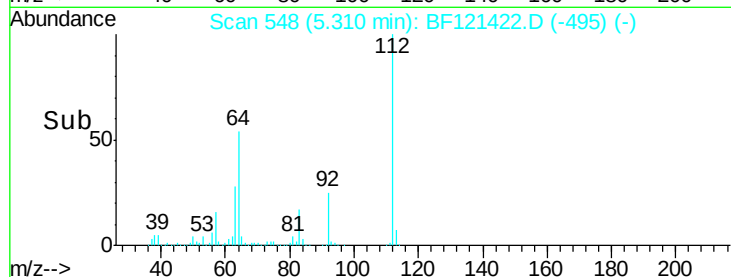
63 27.6 22.0 33.0



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: 33.641 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

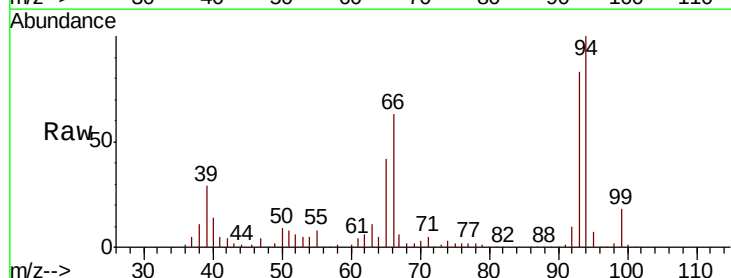
Tgt Ion: 93 Resp: 473832

Ion Ratio Lower Upper

93 100

66 76.5 40.2 60.2#

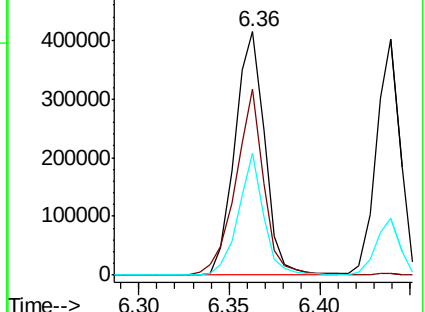
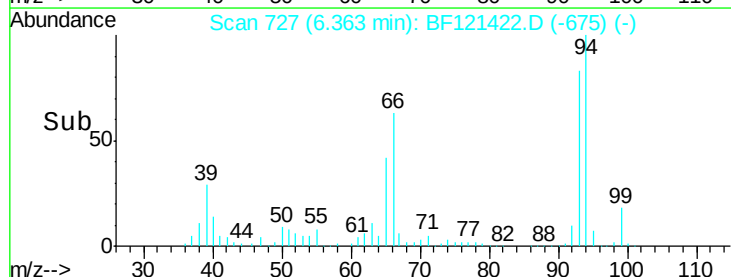
65 50.4 23.6 35.4#

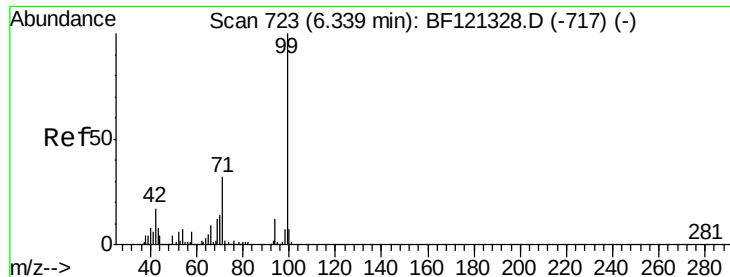


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 70.535 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

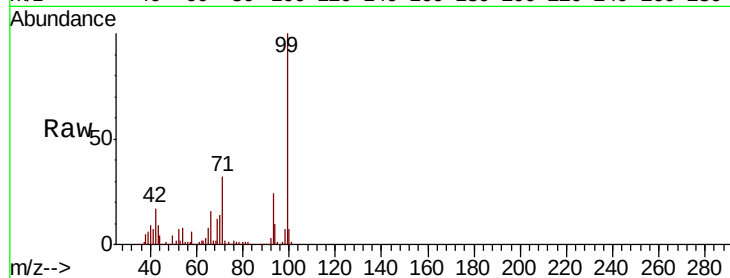
Tot Ion: 99 Resp: 860395

Ion Ratio Lower Upper

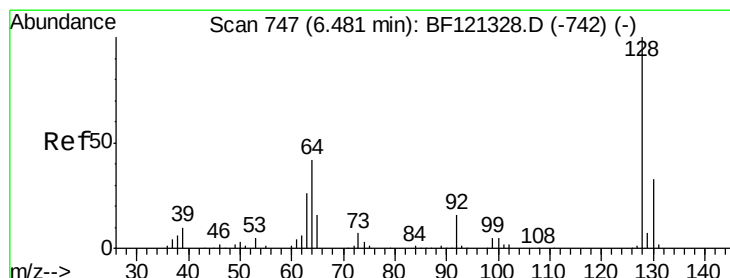
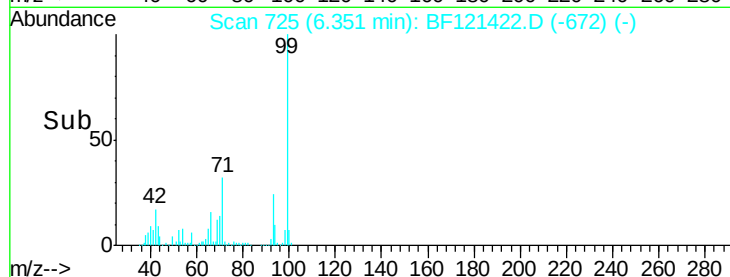
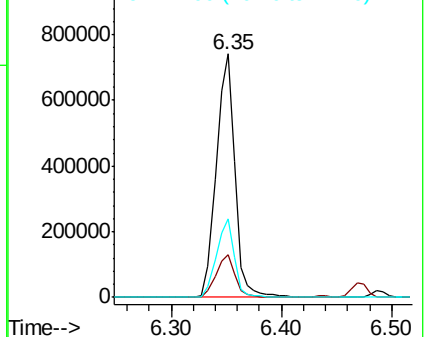
99 100

42 17.3 13.5 20.3

71 32.3 25.2 37.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.212 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

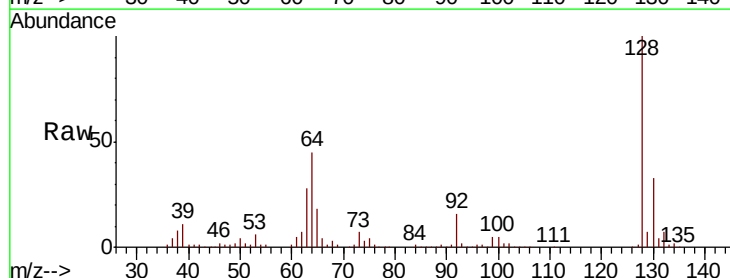
Tgt Ion: 128 Resp: 371631

Ion Ratio Lower Upper

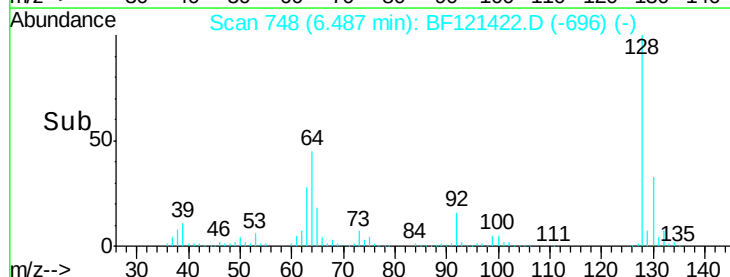
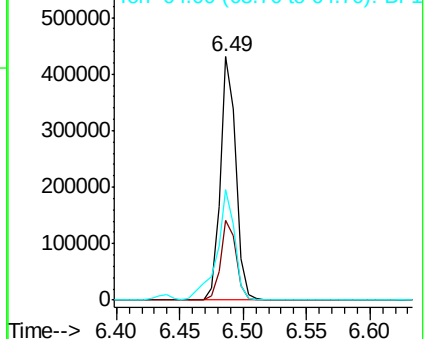
128 100

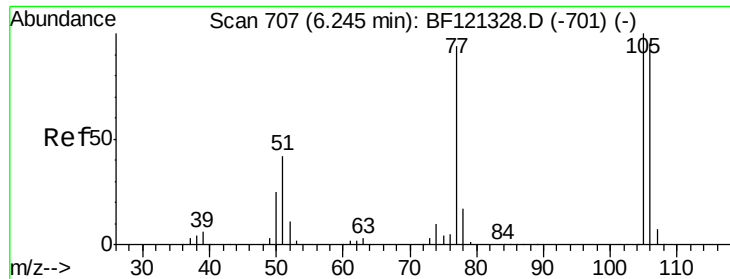
130 32.7 12.8 52.8

64 45.4 23.4 63.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

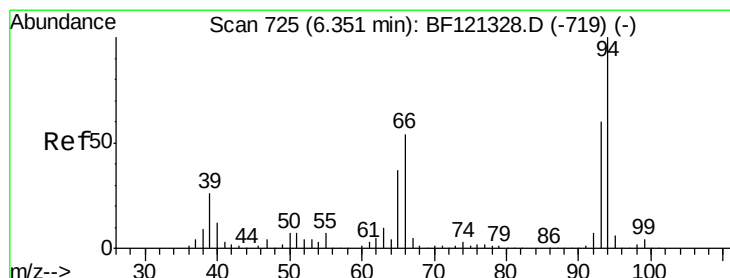
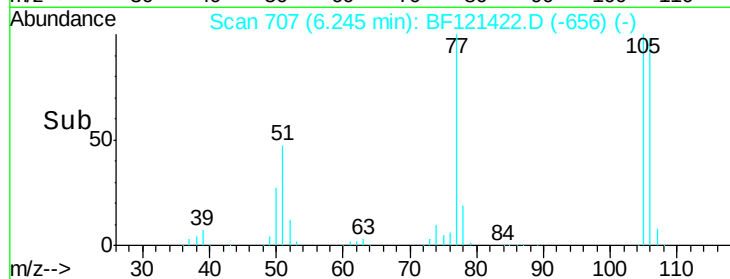
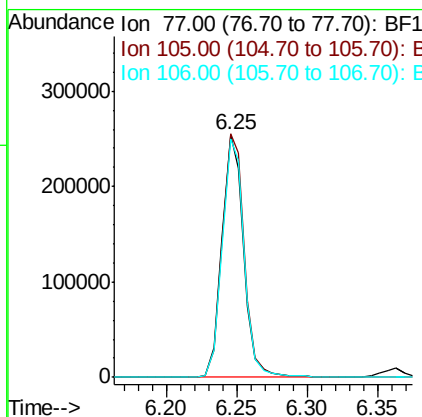
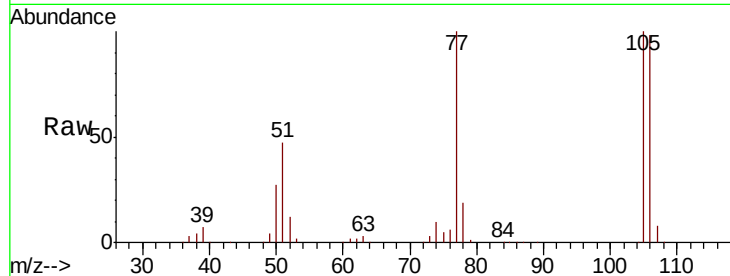




#9
Benzaldehyde
Concen: 39.464 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

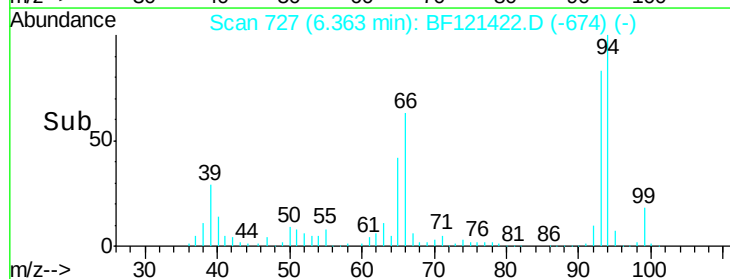
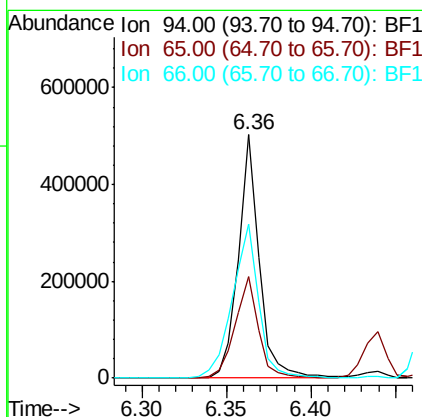
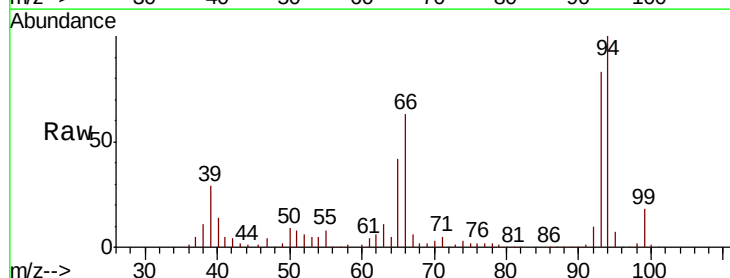
Instrument :
BNA_F
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SSTDCCC040

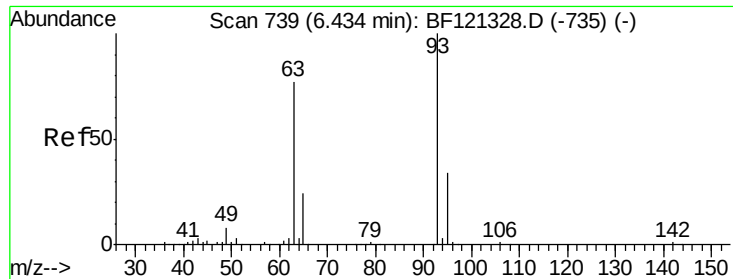
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.4	86.3	126.3
106	98.3	81.2	121.2



#10
Phenol
Concen: 33.822 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.6	16.6	56.6
66	63.1	34.3	74.3

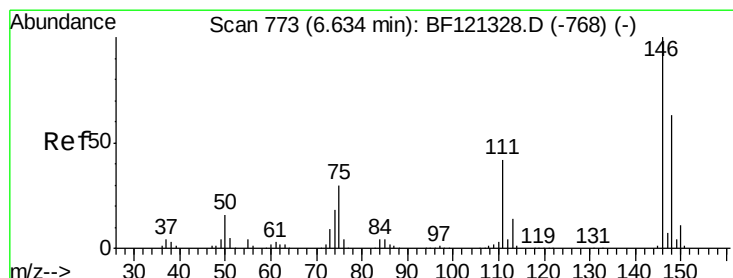
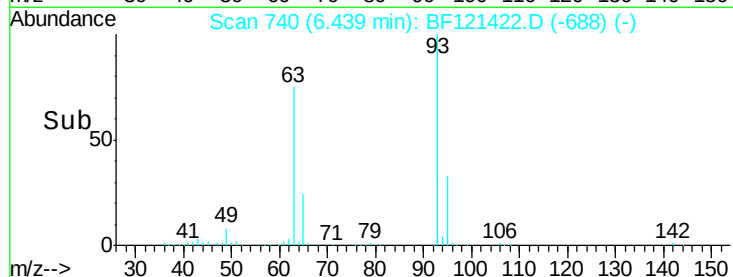
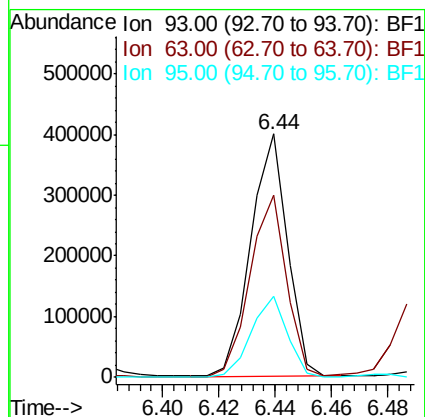
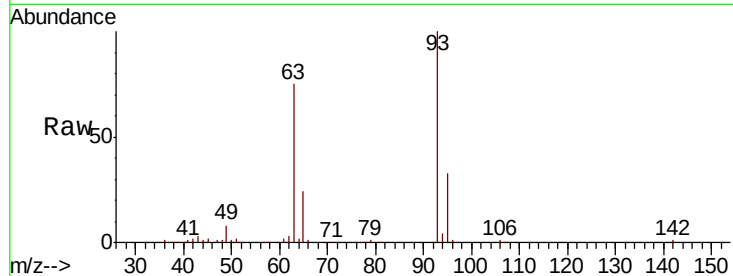




#11
bis(2-Chloroethyl)ether
Concen: 36.622 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

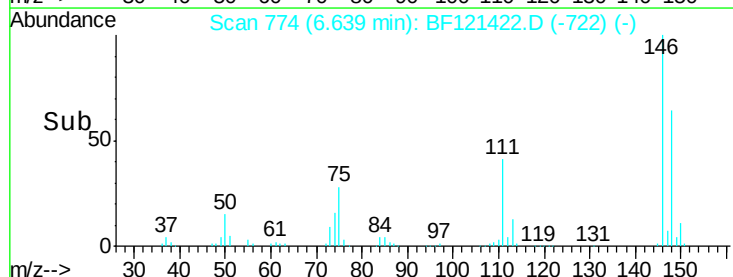
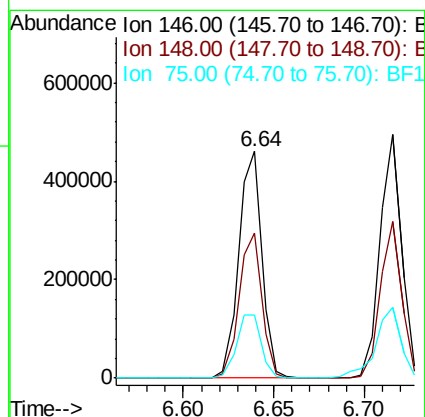
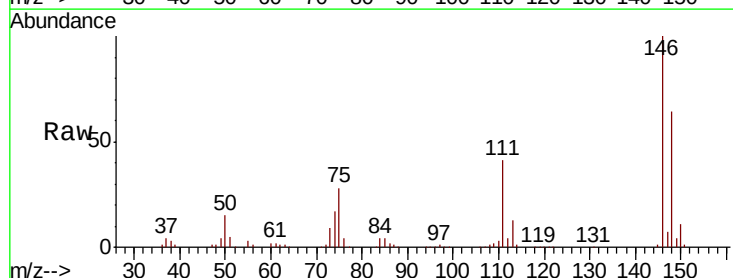
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

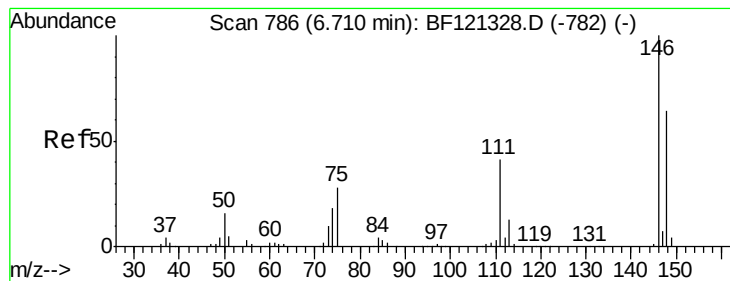
Tot Ion: 93 Resp: 360746
Ion Ratio Lower Upper
93 100
63 74.7 56.4 96.4
95 33.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 36.636 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion: 146 Resp: 409926
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 28.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 36.585 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

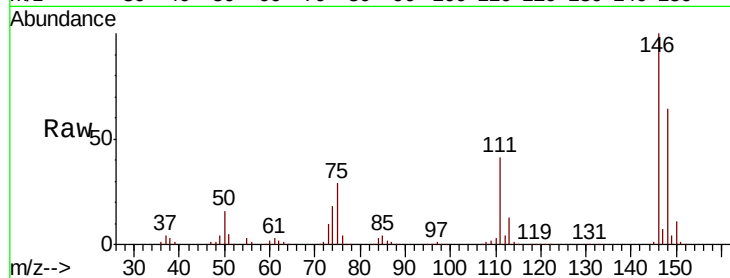
Tot Ion:146 Resp: 413241

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

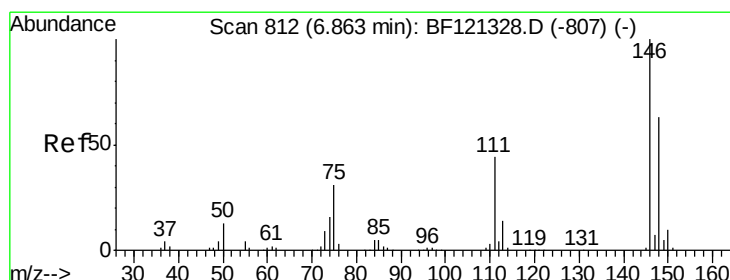
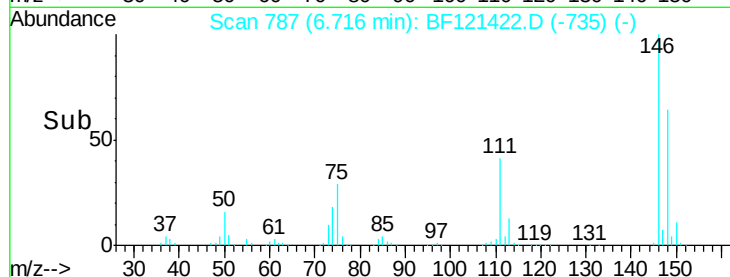
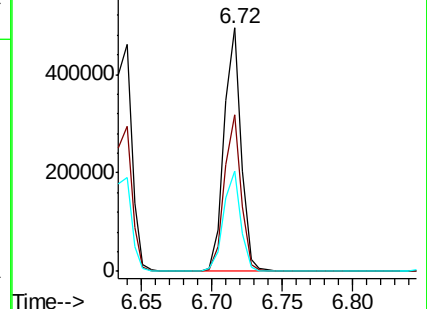
111 41.1 33.3 49.9



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: 34.104 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

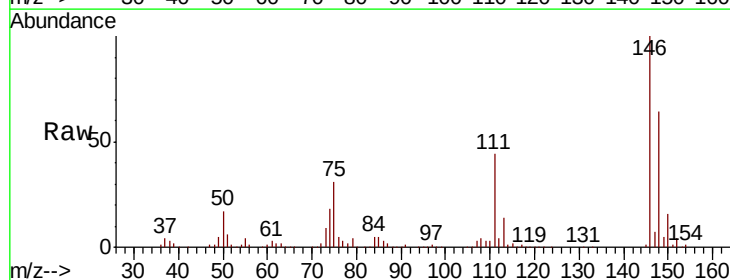
Tgt Ion:146 Resp: 366854

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

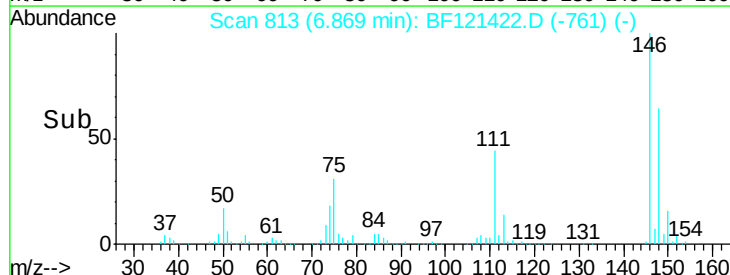
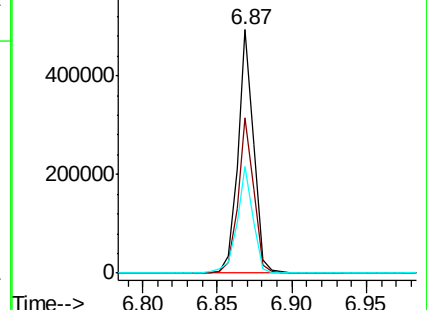
111 43.7 35.5 53.3

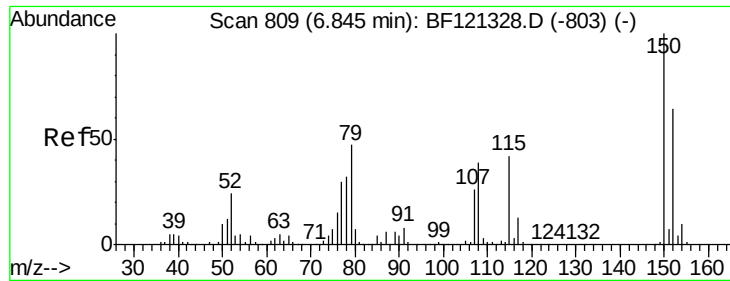


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

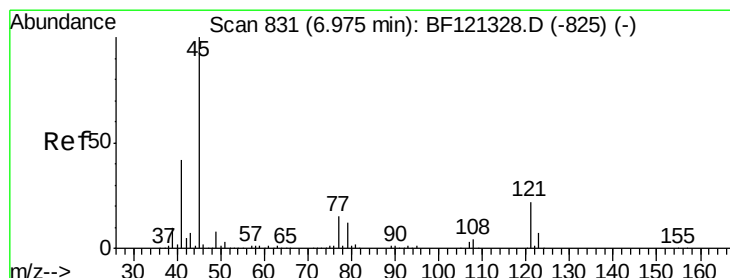
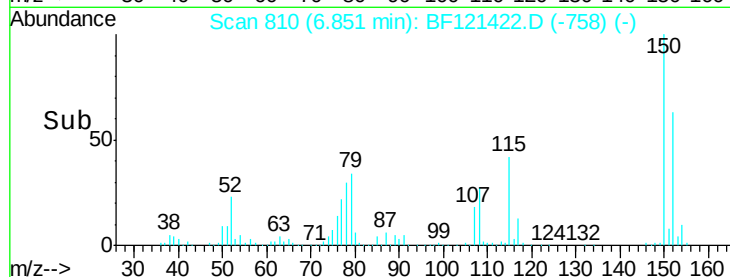
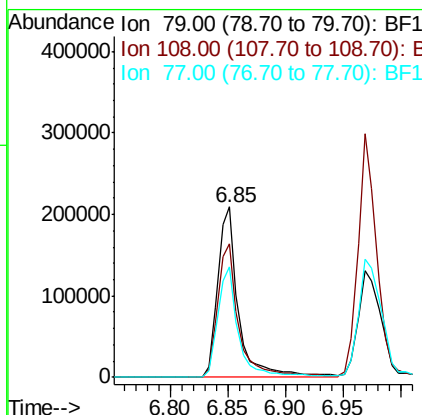
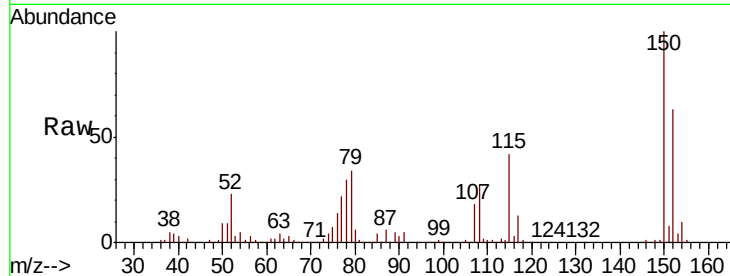




#15
Benzyl Alcohol
Concen: 35.579 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

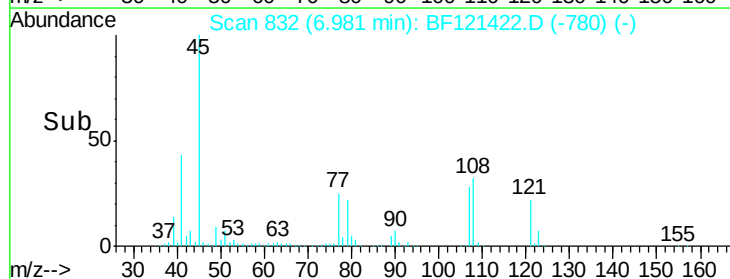
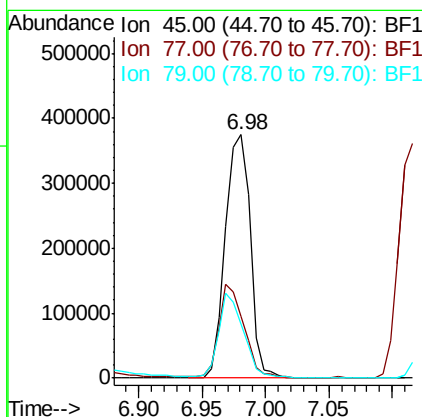
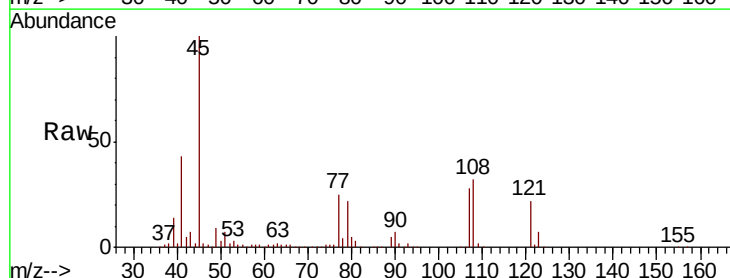
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

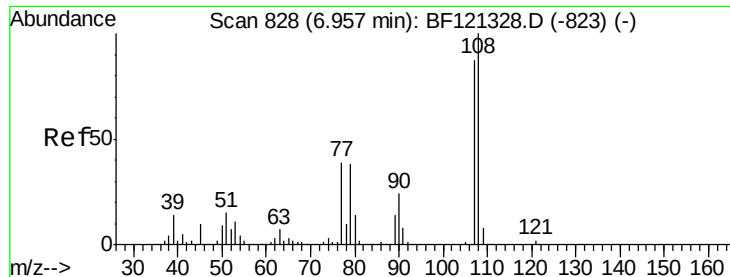
Tot Ion: 79 Resp: 261128
Ion Ratio Lower Upper
79 100
108 78.5 65.2 97.8
77 64.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.231 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion: 45 Resp: 510995
Ion Ratio Lower Upper
45 100
77 25.4 0.0 35.6
79 22.3 0.0 32.5





#17

2-Methylphenol

Concen: 35.637 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 293664

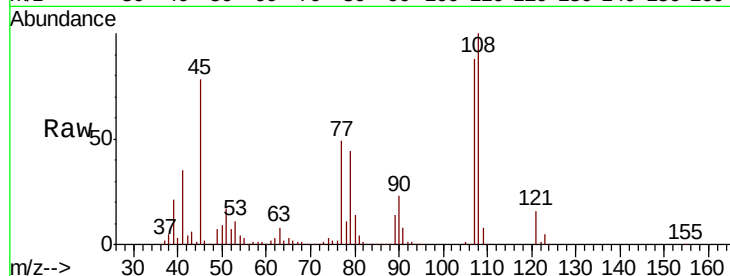
Ion Ratio Lower Upper

107 100

108 113.0 92.4 138.6

77 54.8 36.1 54.1#

79 49.5 35.0 52.6

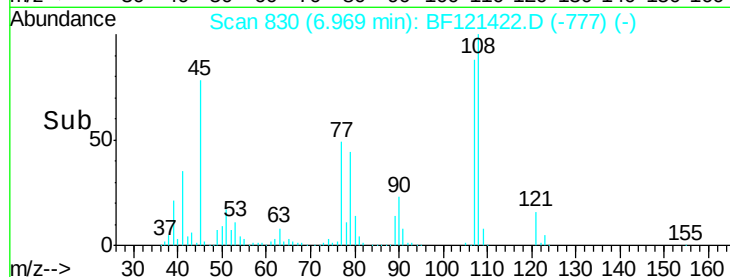


Abundance Ion 107.00 (106.70 to 107.70): E

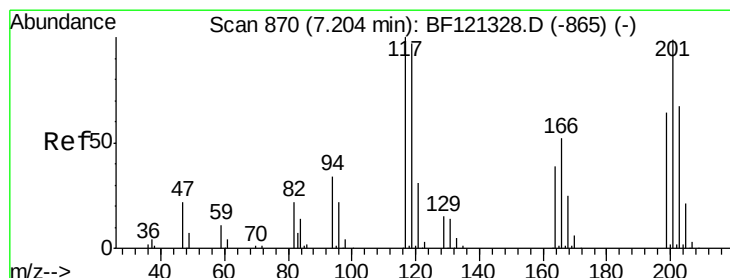
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.722 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

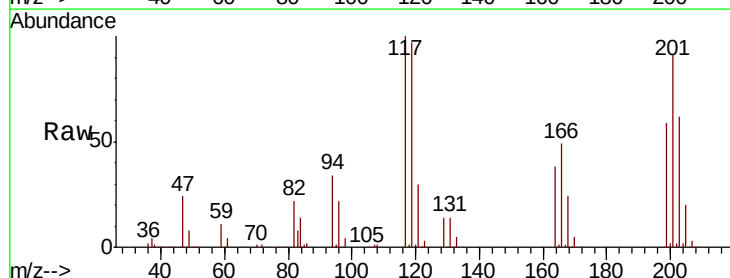
Tgt Ion:117 Resp: 154449

Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

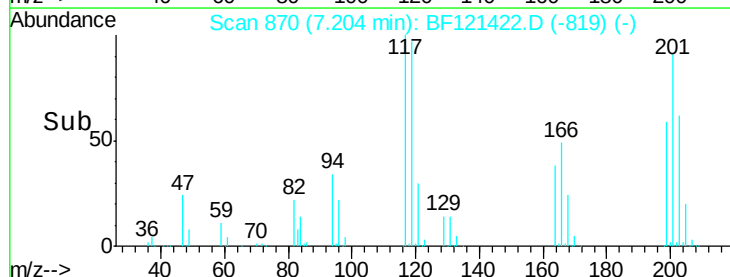
201 91.1 79.4 119.0



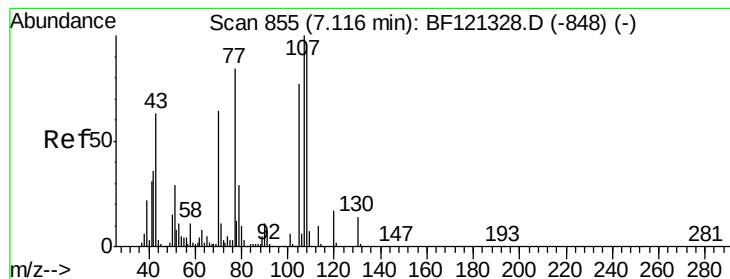
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 36.615 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 240205

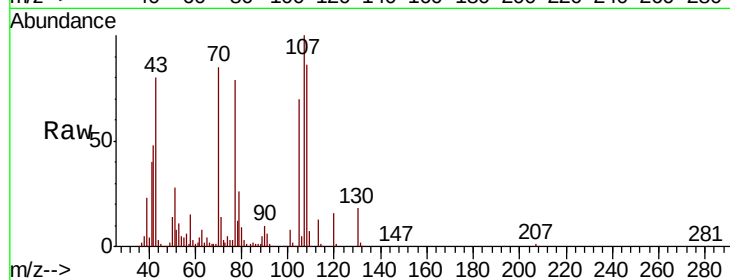
Ion Ratio Lower Upper

70 100

42 56.0 45.2 67.8

101 9.7 7.7 11.5

130 21.7 17.6 26.4

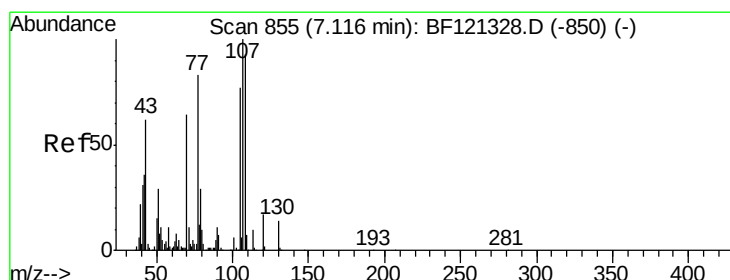
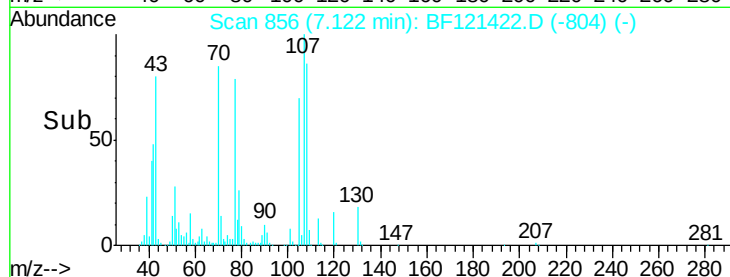
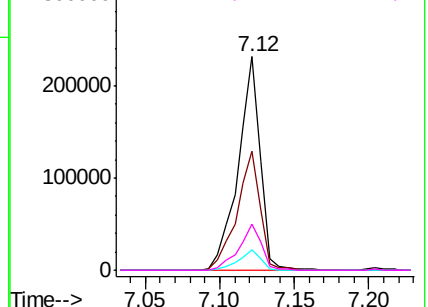


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 45.624 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Tgt Ion: 107 Resp: 371416

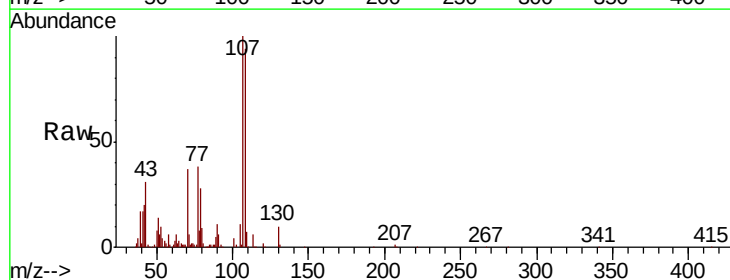
Ion Ratio Lower Upper

107 100

108 93.7 72.6 112.6

77 37.9 63.8 103.8#

79 28.5 9.1 49.1

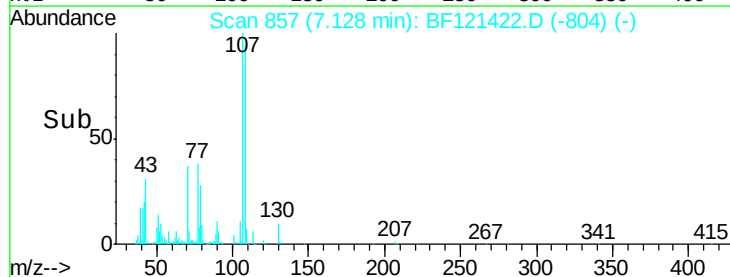
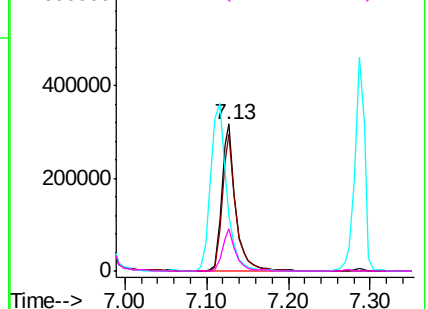


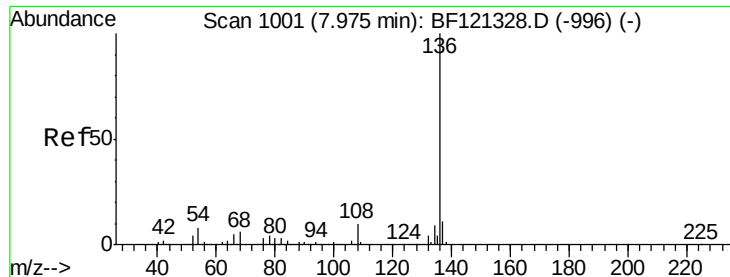
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

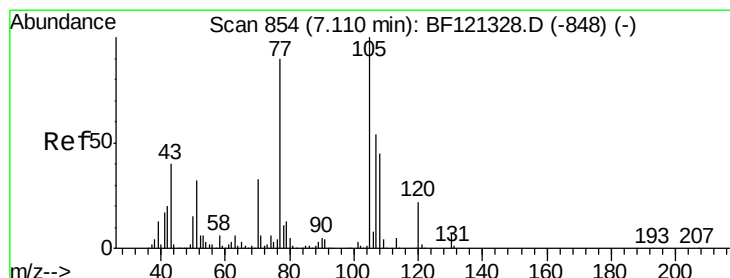
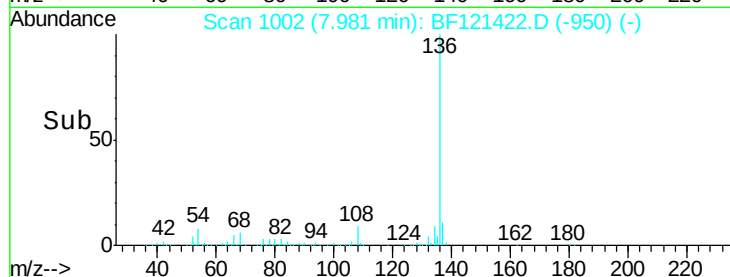
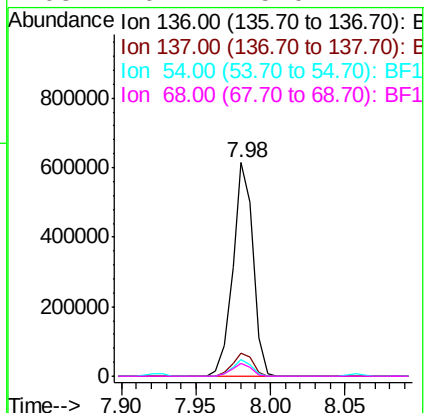
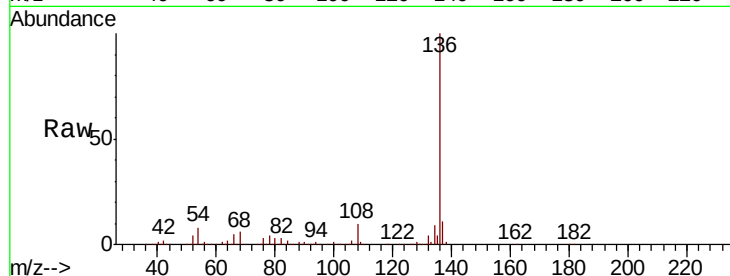




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

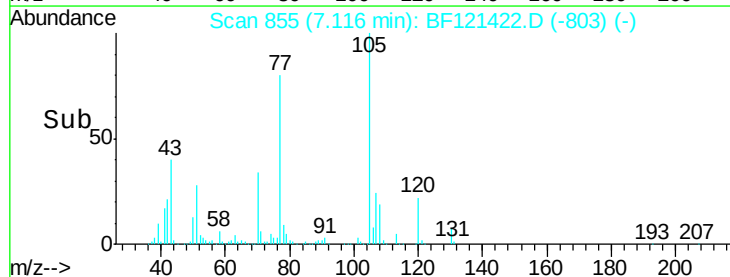
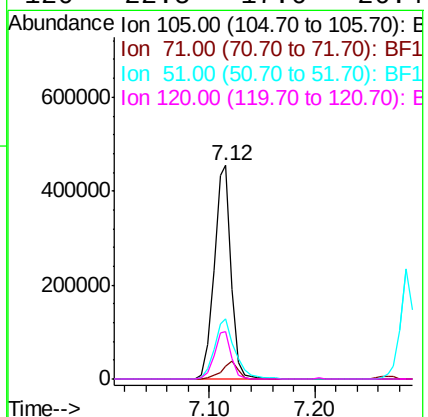
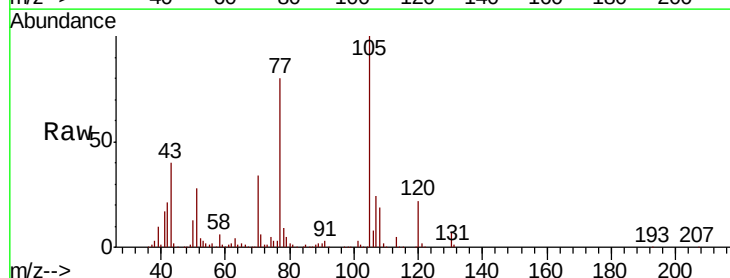
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

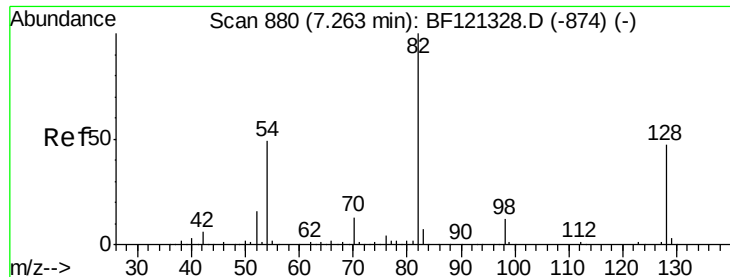
Tot Ion:136	Resp:	586823	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 7.8	6.1	9.1	
68 6.1	5.0	7.4	



#22
Acetophenone
Concen: 37.320 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt	Ion:105	Resp:	512008
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.5	6.7
51	28.0	25.4	38.0
120	22.5	17.6	26.4

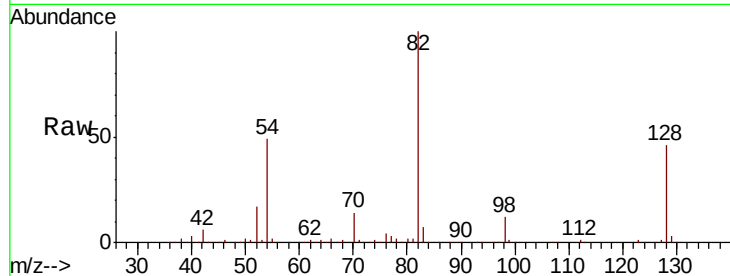




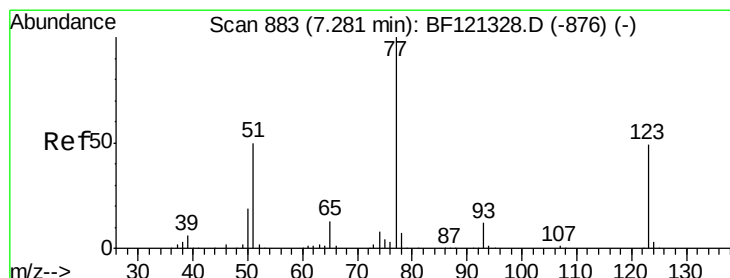
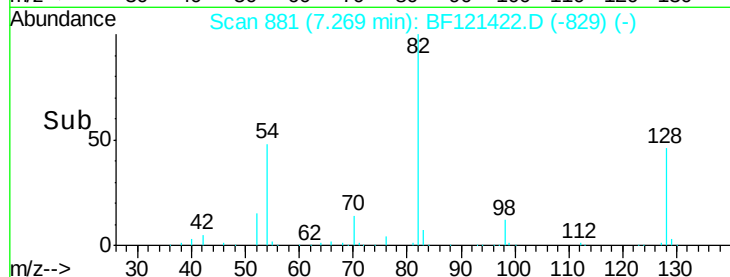
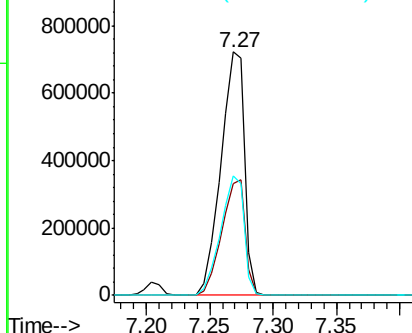
#23
 Nitrobenzene-d5
 Concen: 89.978 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	933604
Ion Ratio	100	Lower	Upper
128	46.2	37.9	56.9
54	49.1	39.0	58.4

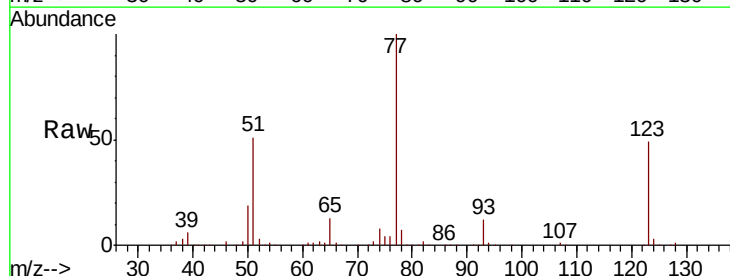


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

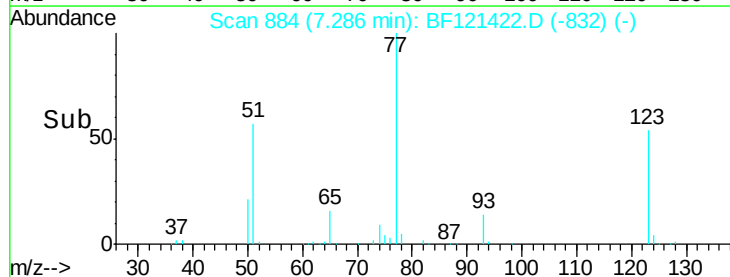
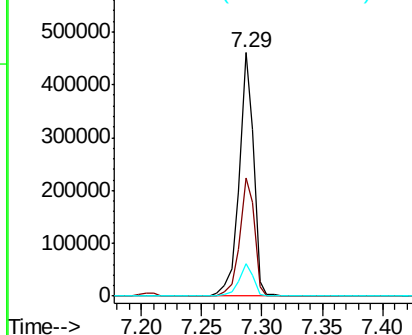


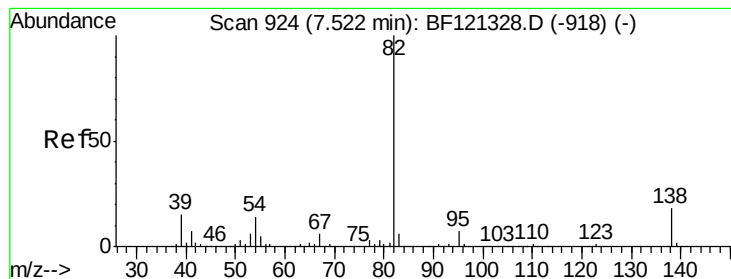
#24
 Nitrobenzene
 Concen: 36.231 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion	77	Resp	383145
Ion Ratio	100	Lower	Upper
123	48.6	39.2	58.8
65	13.5	10.6	15.8



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: 35.247 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

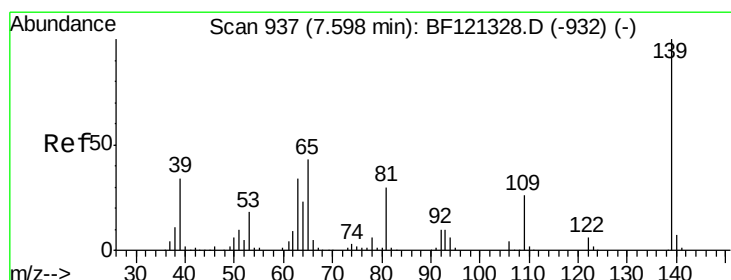
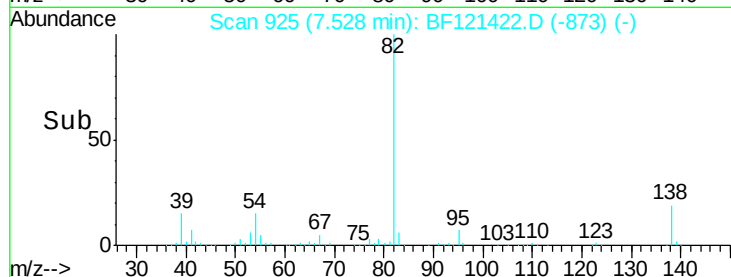
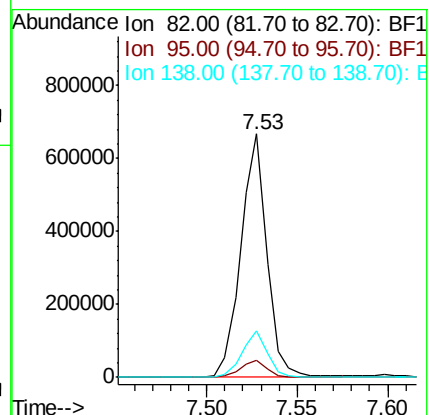
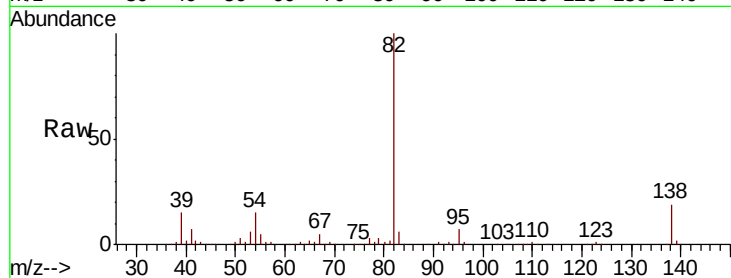
Tot Ion: 82 Resp: 665556

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.3 14.6 21.8



#26

2-Nitrophenol

Concen: 38.331 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

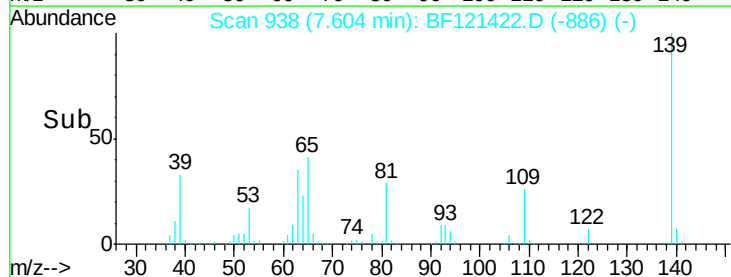
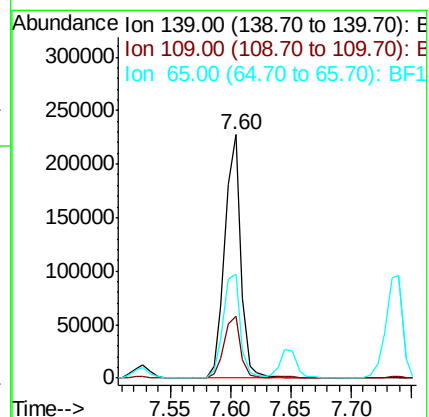
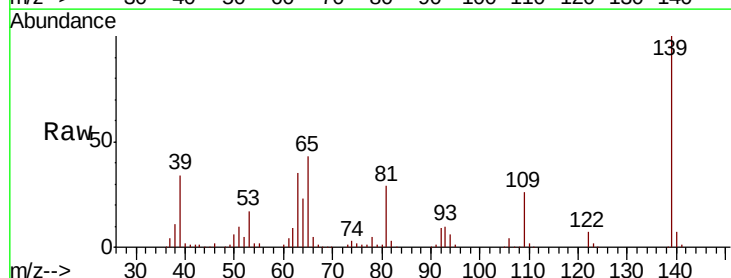
Tgt Ion: 139 Resp: 207893

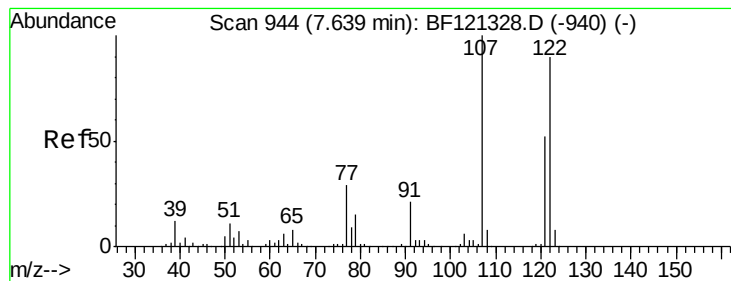
Ion Ratio Lower Upper

139 100

109 25.6 21.1 31.7

65 42.6 34.5 51.7

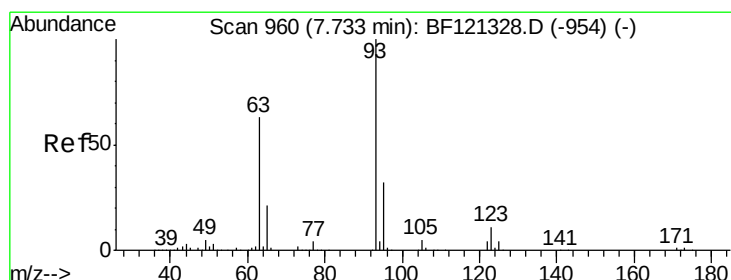
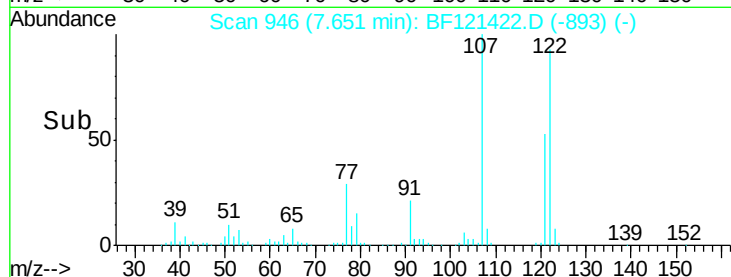
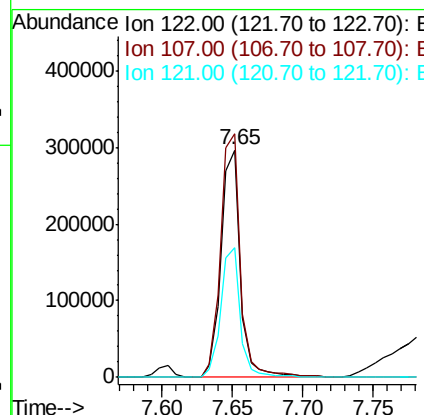
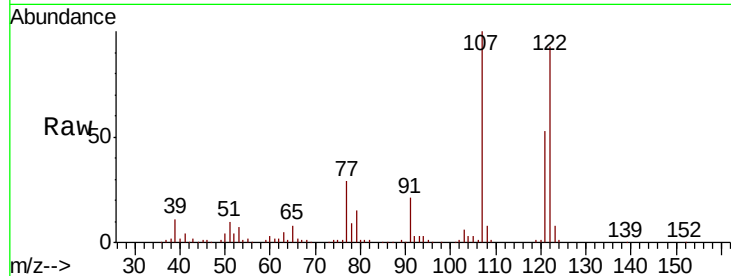




#27
 2,4-Dimethylphenol
 Concen: 36.734 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

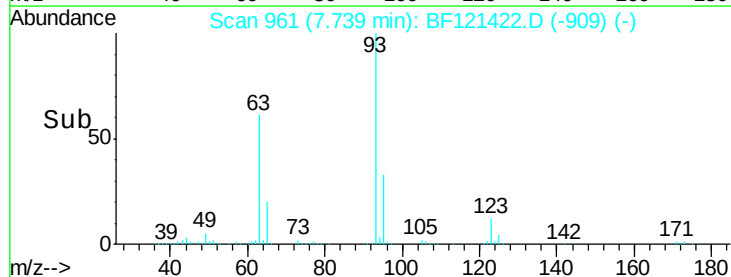
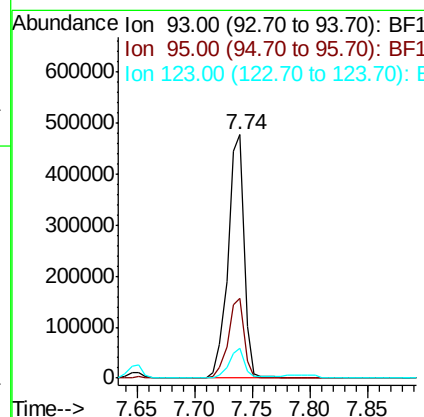
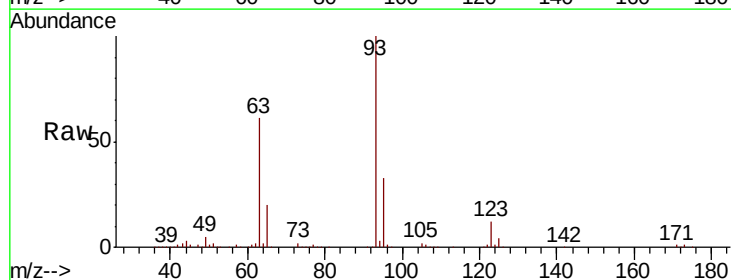
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

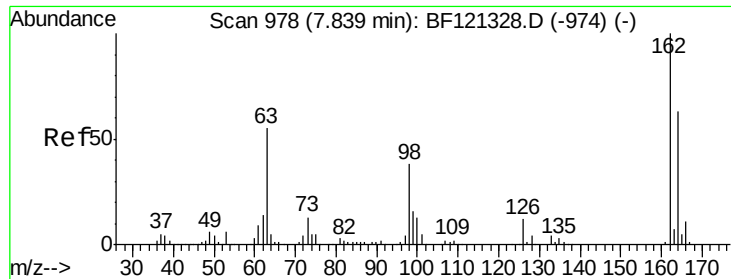
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.1	89.0	133.4
121	57.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.184 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	12.1	9.0	13.6

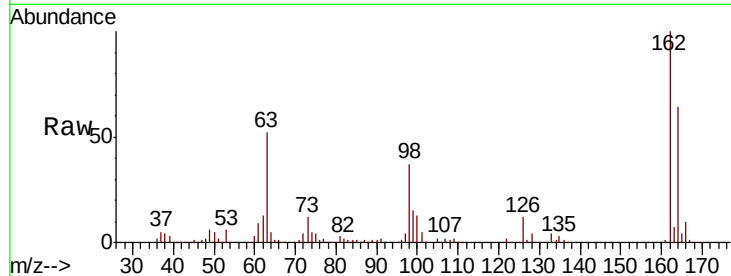




#29
2,4-Dichlorophenol
Concen: 37.292 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.4	83.4
98	36.8	18.1	58.1

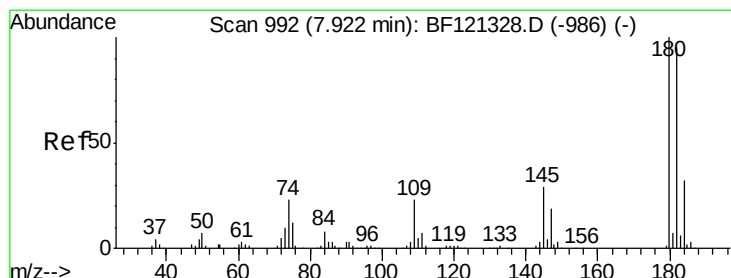
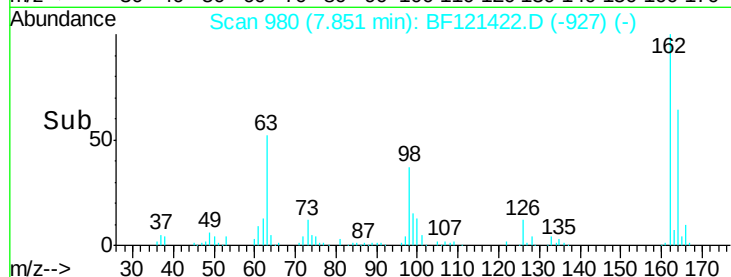
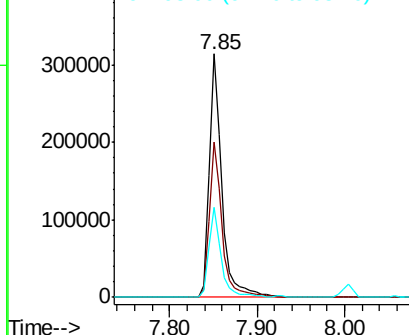


Abundance

Ion 162.00 (161.70 to 162.70): E

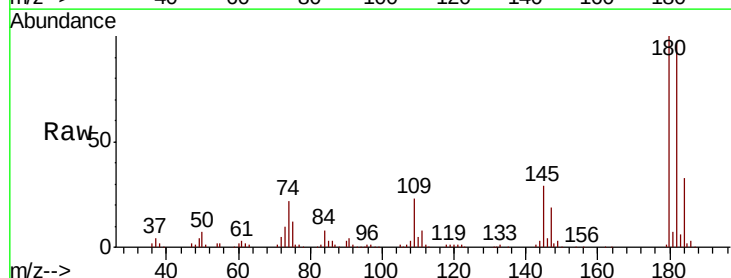
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.156 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.9	113.9
145	29.3	23.2	34.8

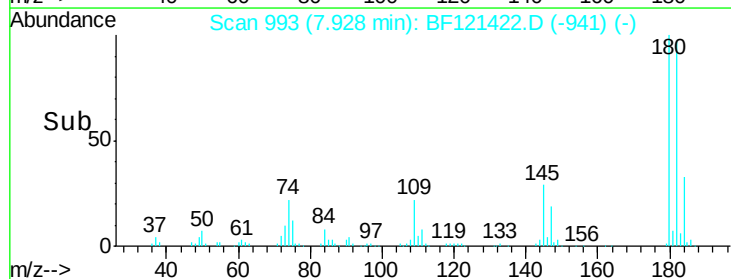
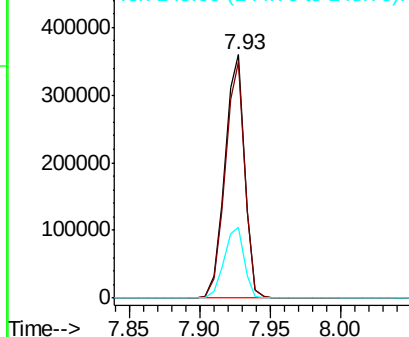


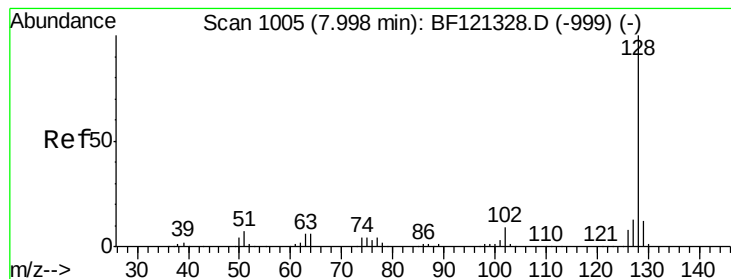
Abundance

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: 35.354 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

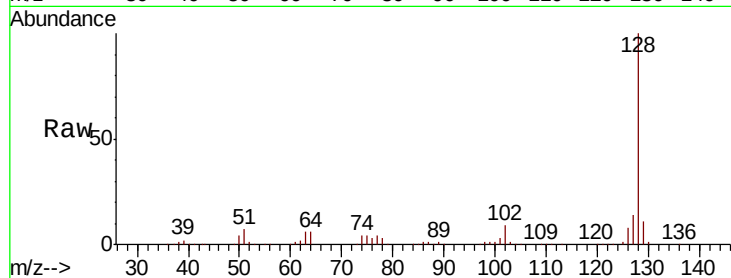
Tot Ion:128 Resp: 1032541

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

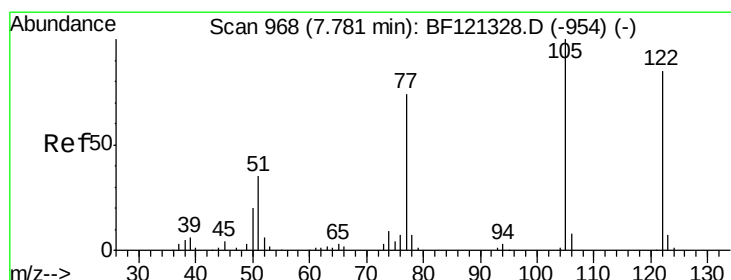
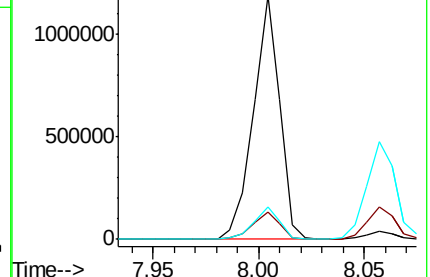
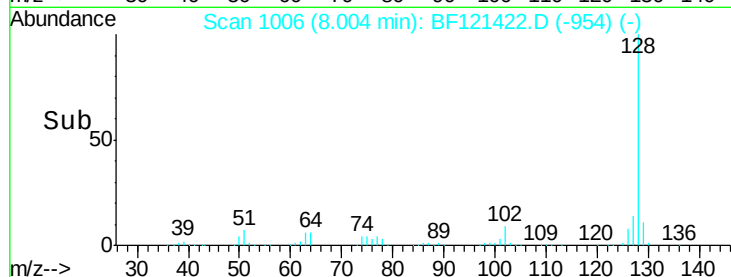
127 13.6 10.6 16.0



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: 34.371 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

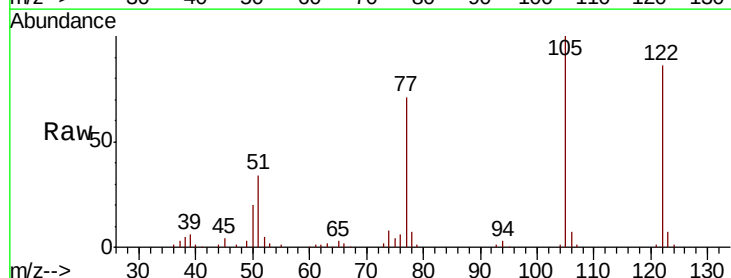
Tgt Ion:122 Resp: 193737

Ion Ratio Lower Upper

122 100

105 116.5 96.7 136.7

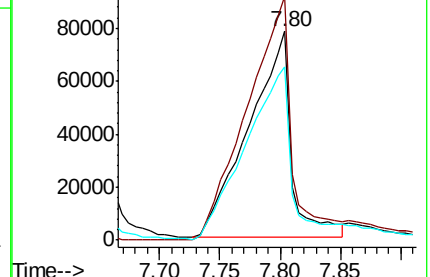
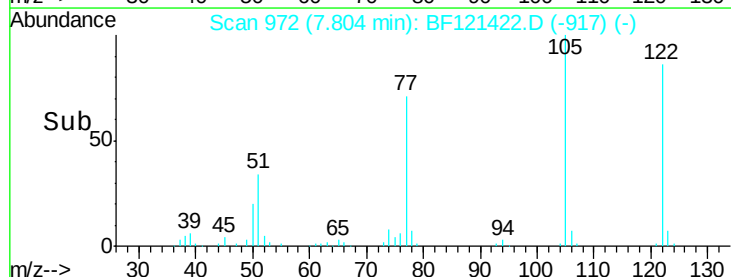
77 82.8 66.7 106.7

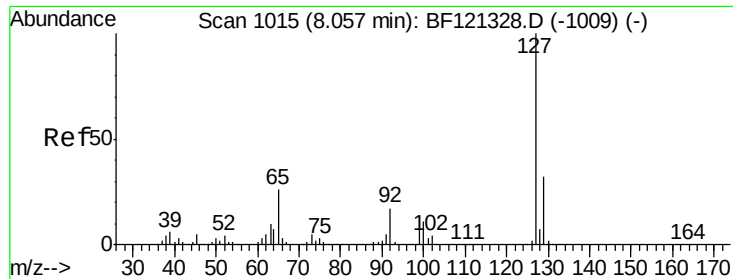


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

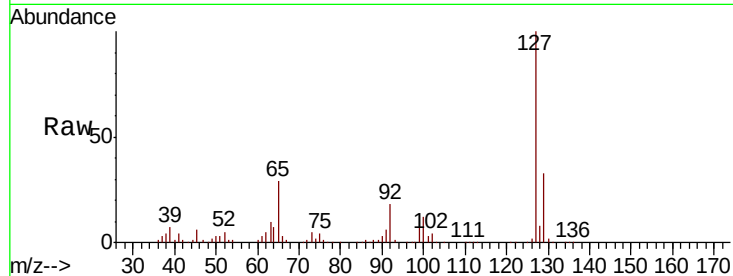




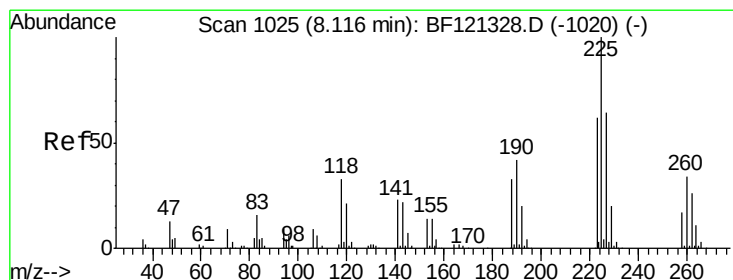
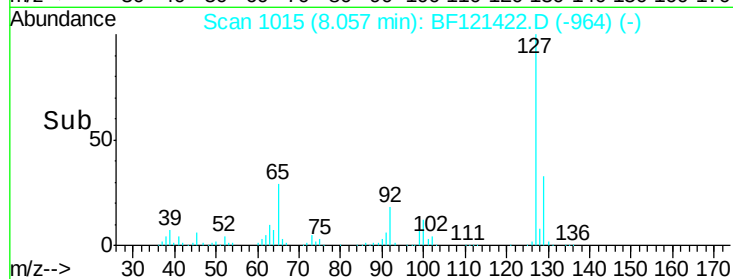
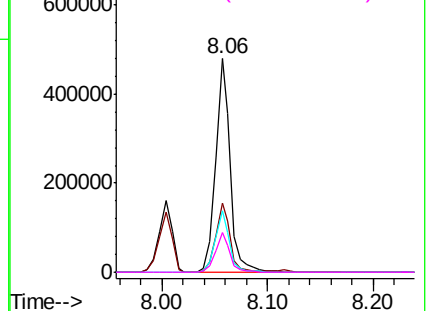
#33
4-Chloroaniline
Concen: 36.271 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	469078
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	29.1	20.9	31.3
92	18.5	13.8	20.8

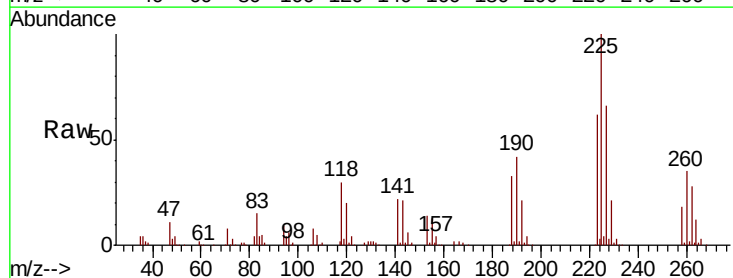


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

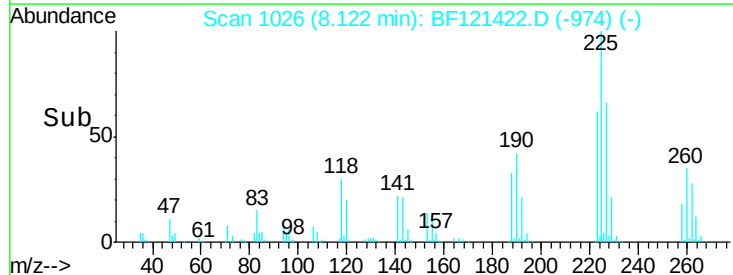
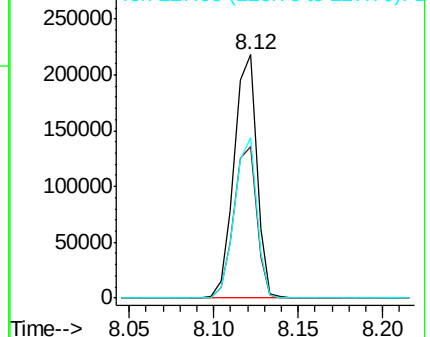


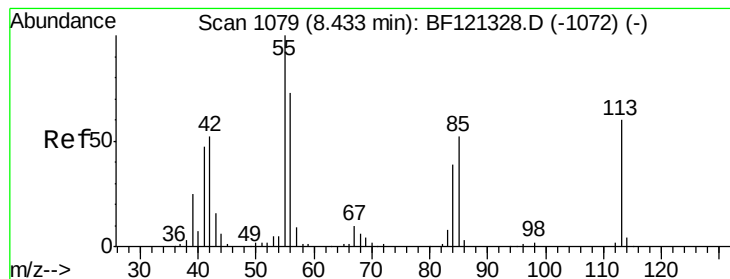
#34
Hexachlorobutadiene
Concen: 35.777 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion:	225	Resp:	204577
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	65.7	50.9	76.3



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: 38.533 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

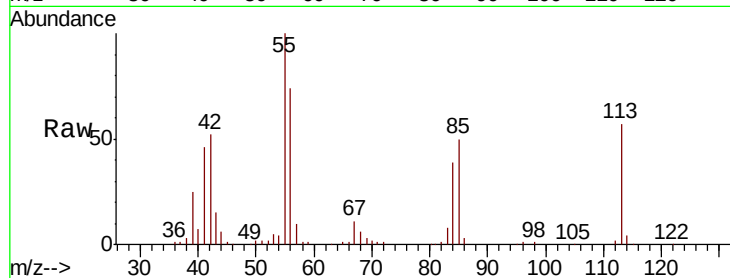
Tot Ion:113 Resp: 106631

Ion Ratio Lower Upper

113 100

55 174.5 147.9 187.9

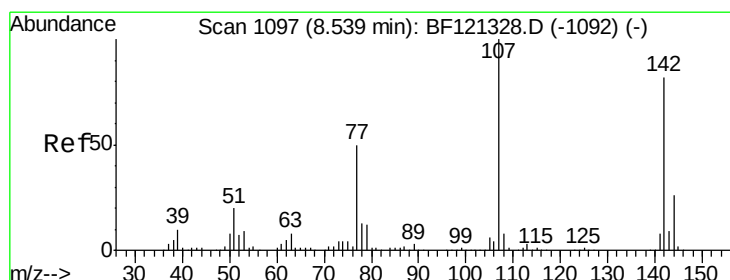
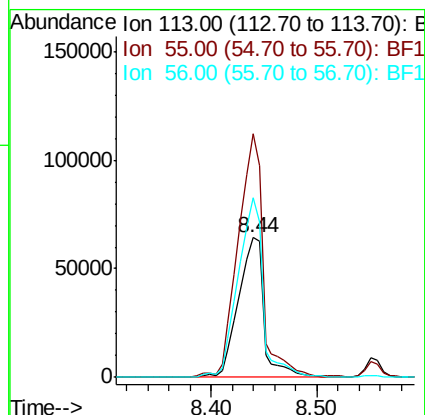
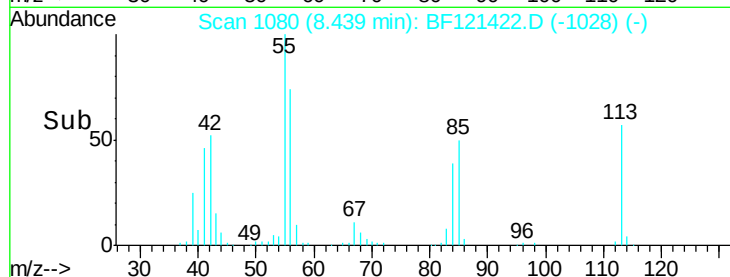
56 128.9 102.4 142.4



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: 37.104 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

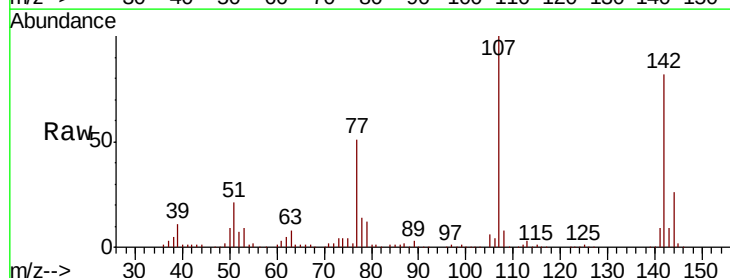
Tgt Ion:107 Resp: 317084

Ion Ratio Lower Upper

107 100

144 26.0 21.1 31.7

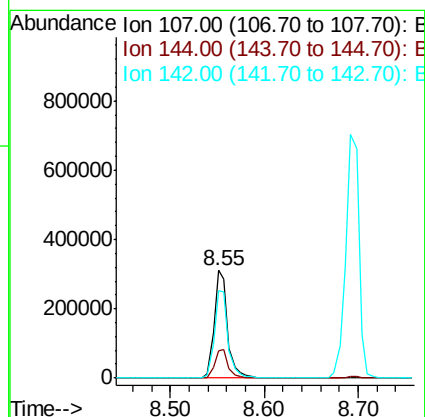
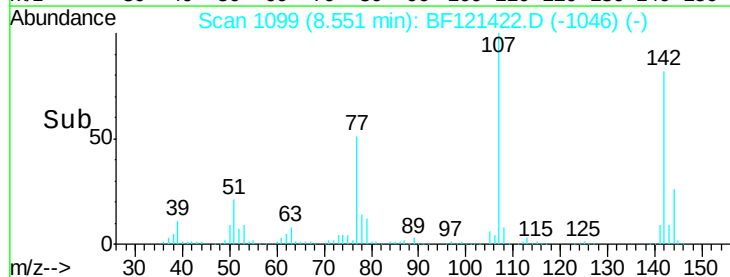
142 81.6 65.6 98.4

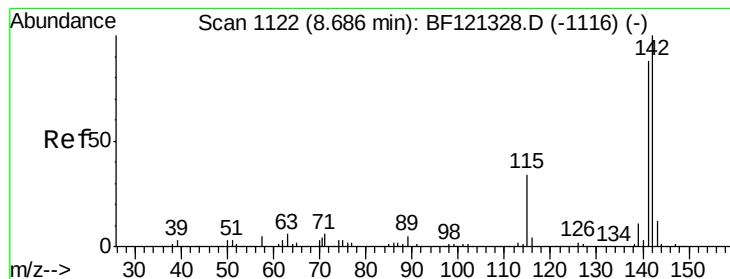


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.471 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

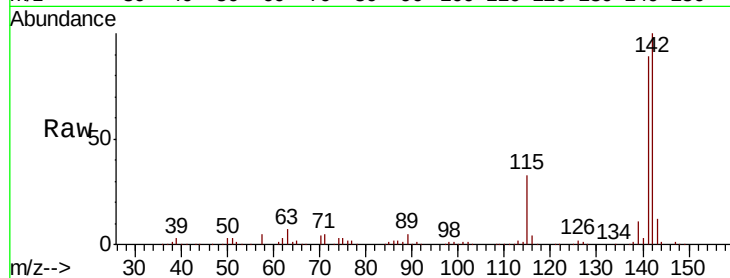
Tot Ion:142 Resp: 690395

Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5

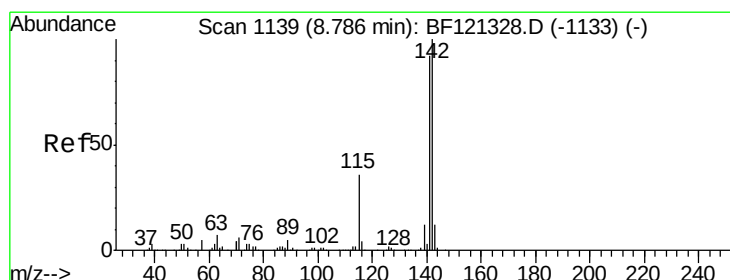
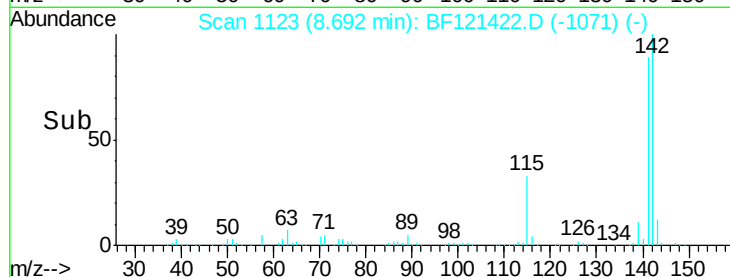
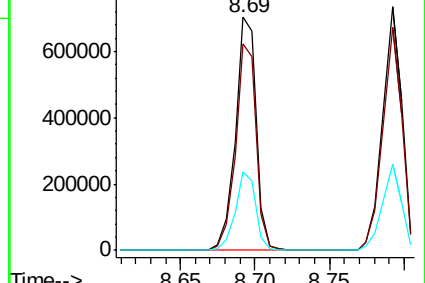
115 33.5 26.9 40.3



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: 36.048 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

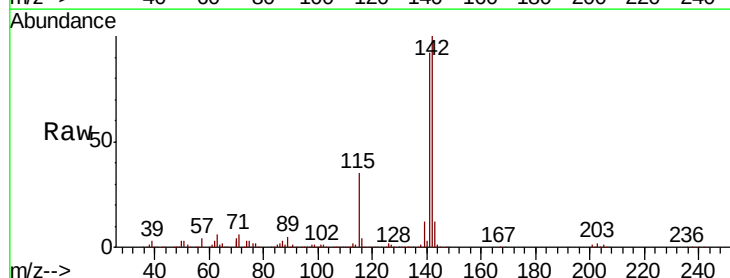
Tgt Ion:142 Resp: 648838

Ion Ratio Lower Upper

142 100

141 91.6 73.6 110.4

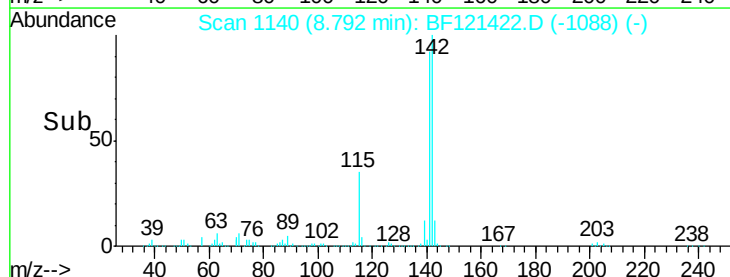
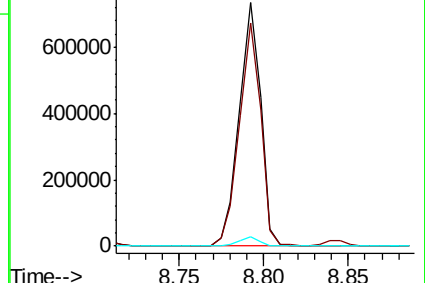
116 3.7 3.0 4.4

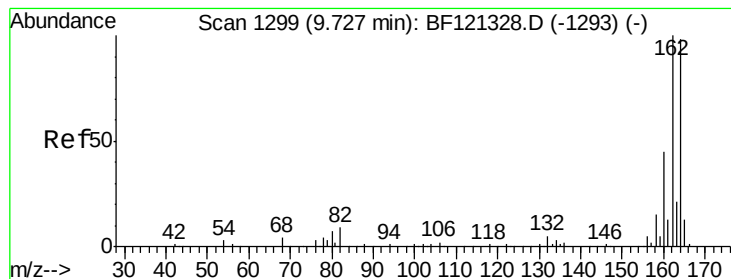


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

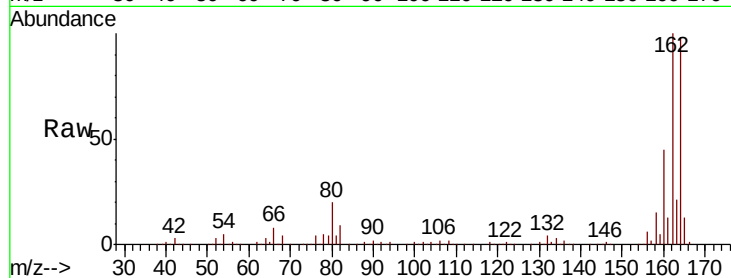
Tot Ion:164 Resp: 308038

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

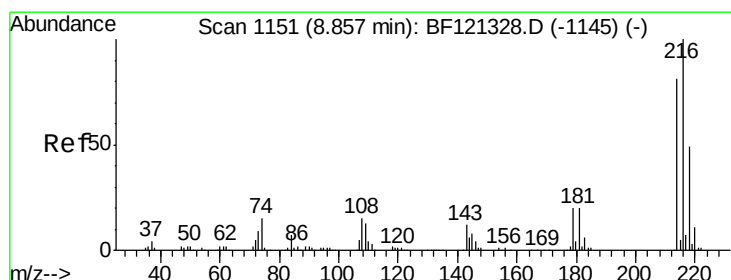
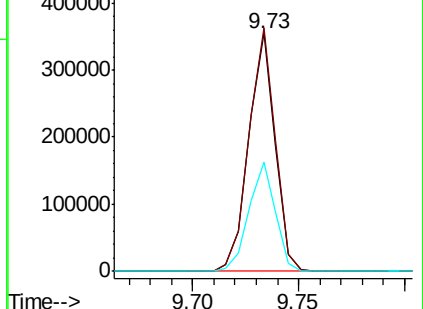
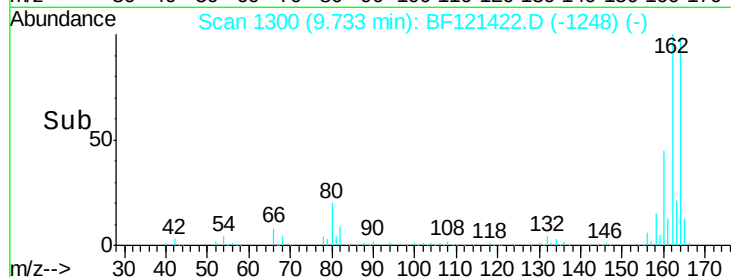
160 46.0 37.0 55.4



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: 35.907 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Tgt Ion:216 Resp: 328283

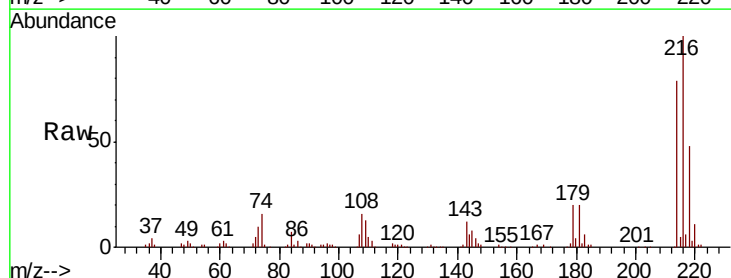
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 20.5 16.4 24.6

108 18.0 14.2 21.4

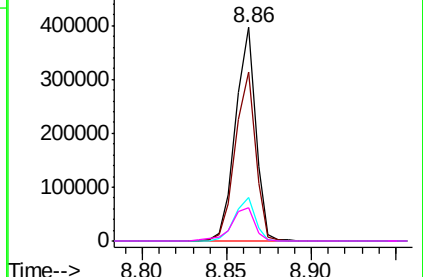
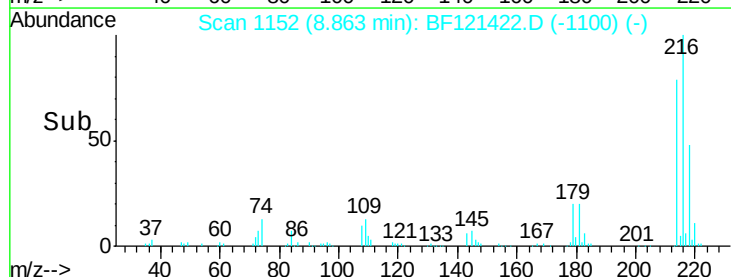


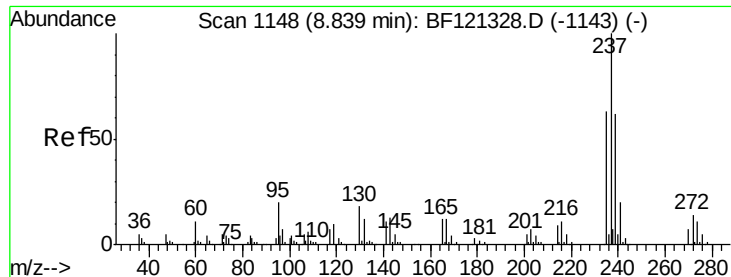
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.813 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

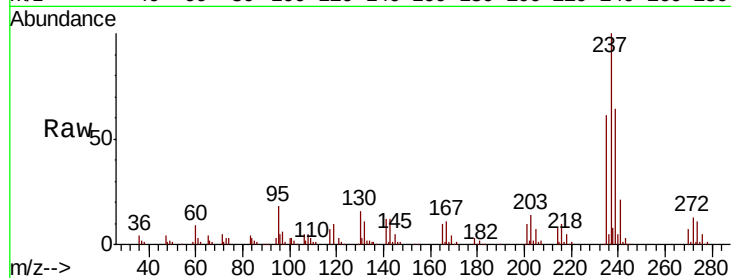
Tot Ion:237 Resp: 120207

Ion Ratio Lower Upper

237 100

235 60.9 42.7 82.7

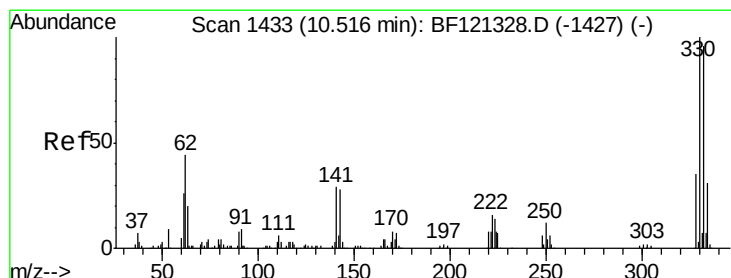
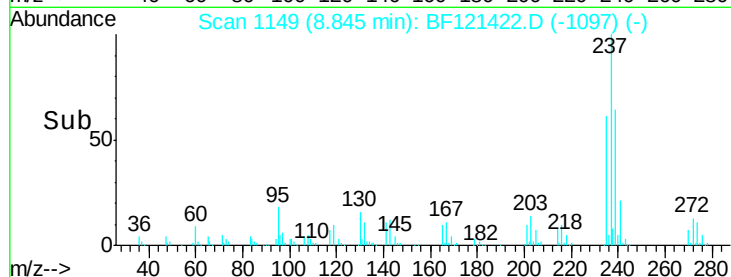
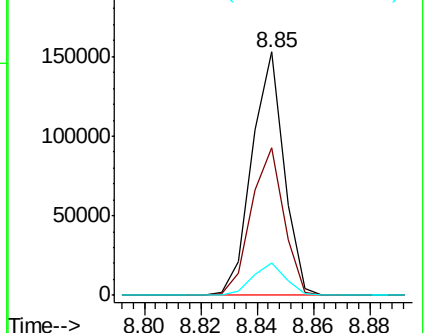
272 13.5 0.0 33.7



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: 72.763 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

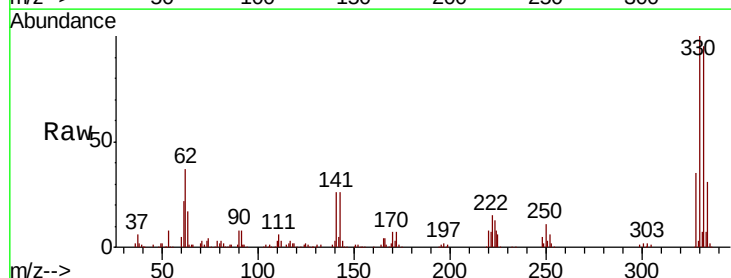
Tgt Ion:330 Resp: 261190

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

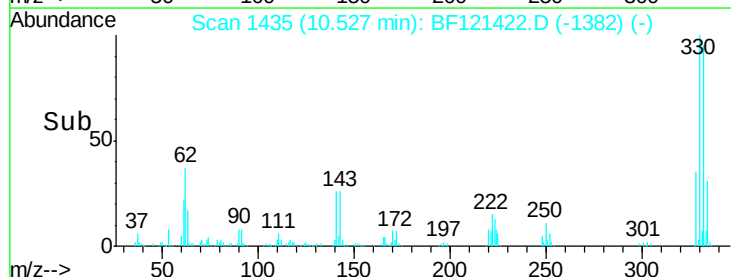
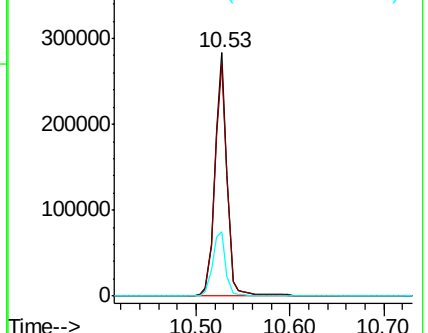
141 28.7 22.8 34.2

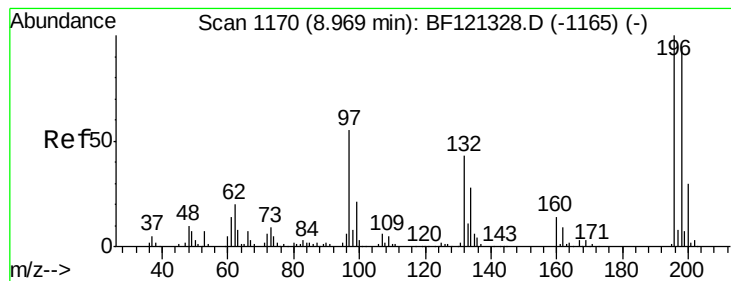


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 36.792 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

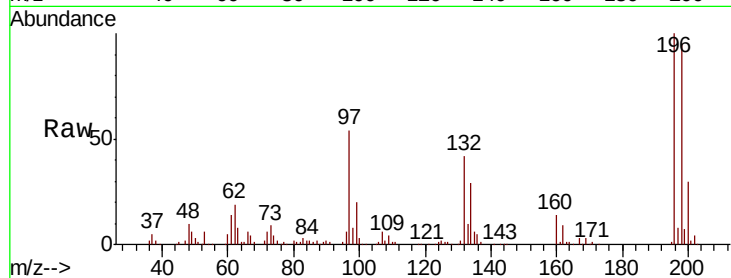
Tot Ion:196 Resp: 229964

Ion Ratio Lower Upper

196 100

198 94.7 75.6 113.4

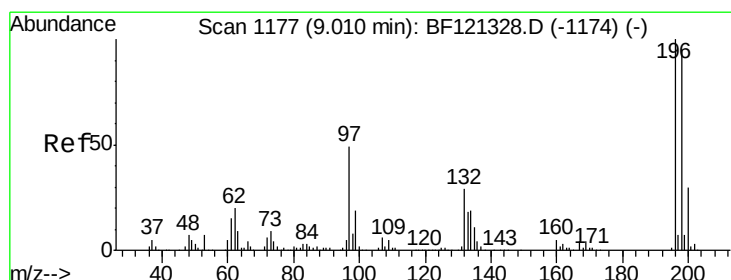
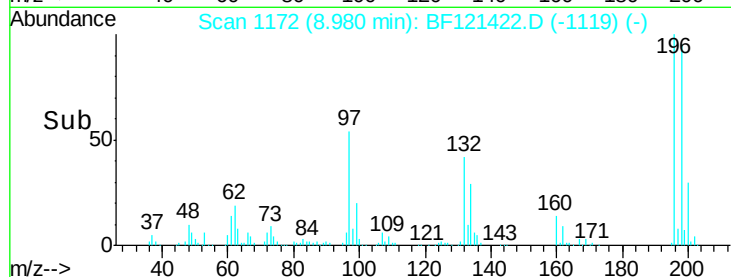
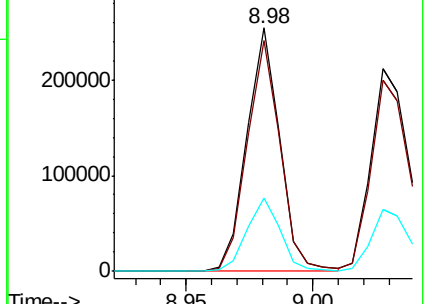
200 30.3 24.2 36.2



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: 36.898 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.02 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Tgt Ion:196 Resp: 237273

Ion Ratio Lower Upper

196 100

198 94.1 75.6 113.4

97 47.7 39.6 59.4

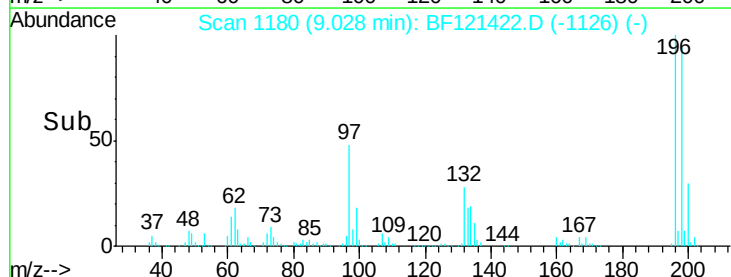
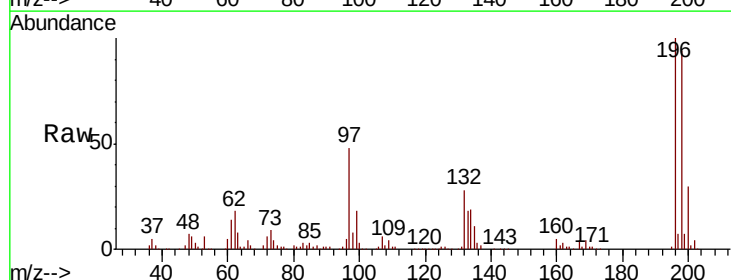
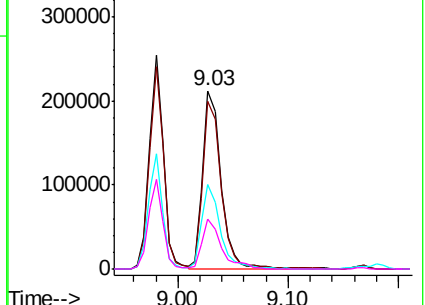
132 27.8 23.3 34.9

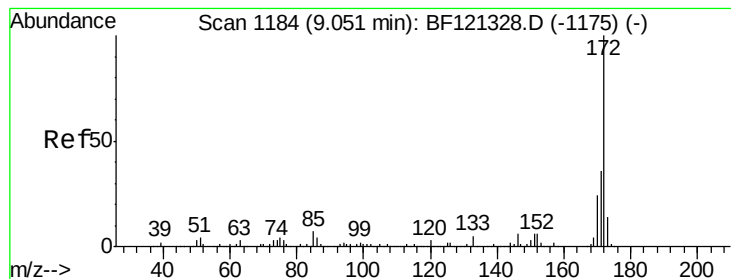
Abundance Ion 196.00 (195.70 to 196.70): E

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: 94.856 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

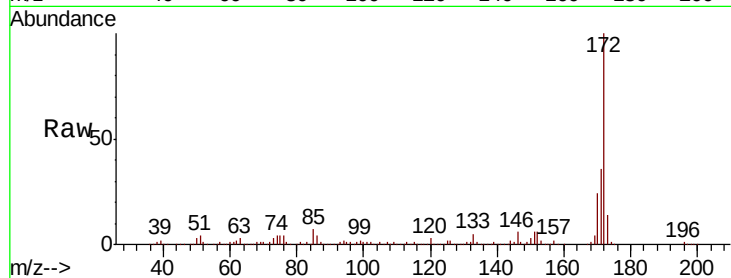
Tot Ion:172 Resp: 1498025

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

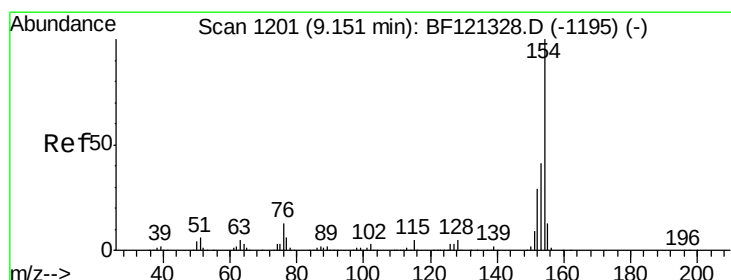
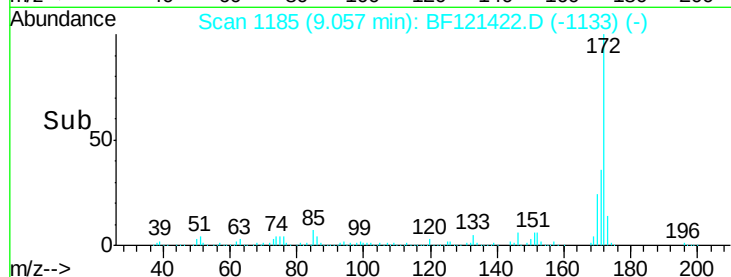
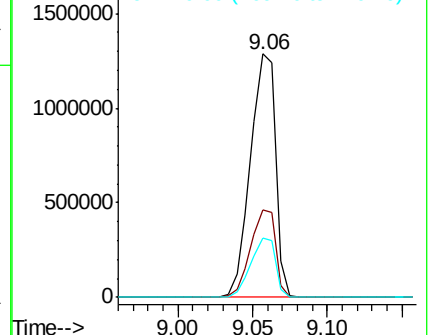
170 24.4 19.4 29.2



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: 36.212 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

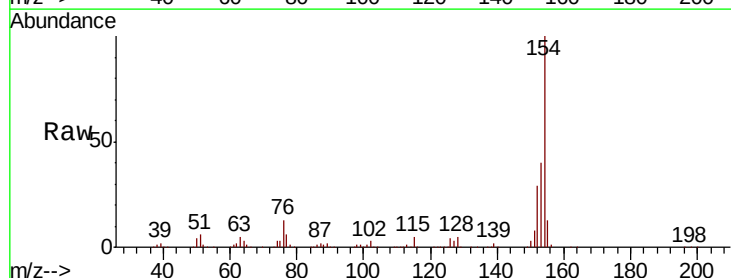
Tgt Ion:154 Resp: 836055

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

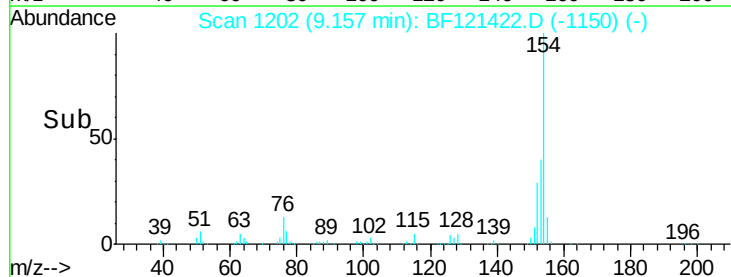
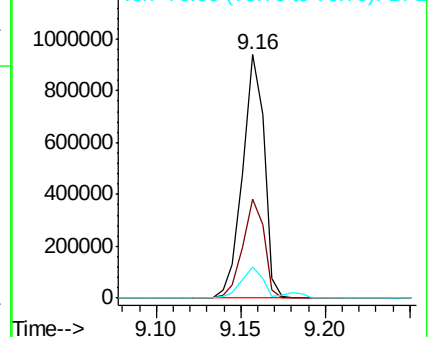
76 13.0 0.0 33.1

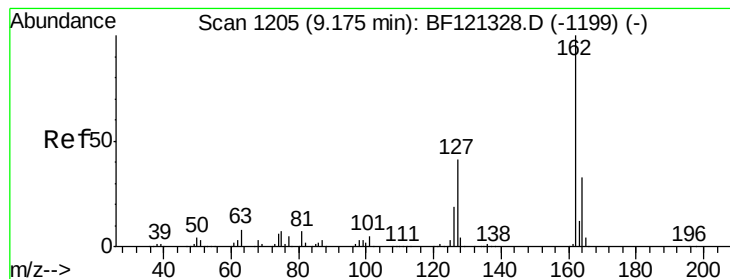


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 35.852 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

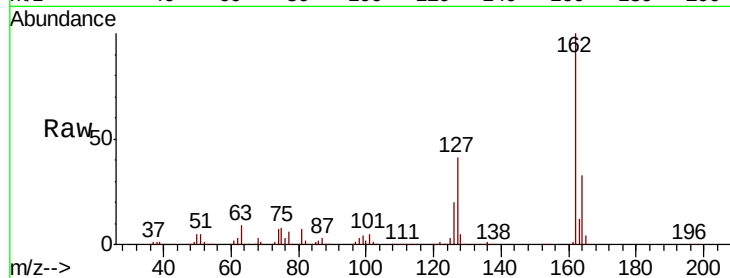
Tot Ion:162 Resp: 681951

Ion Ratio Lower Upper

162 100

127 40.9 33.1 49.7

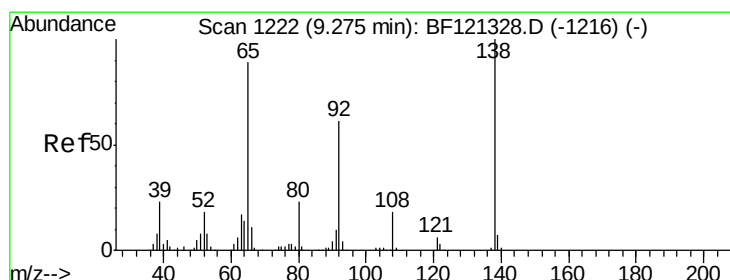
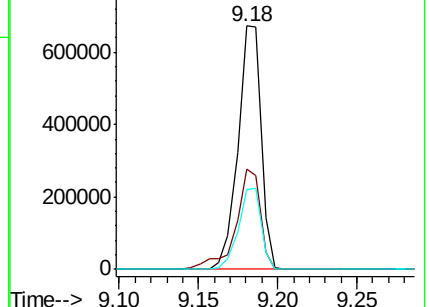
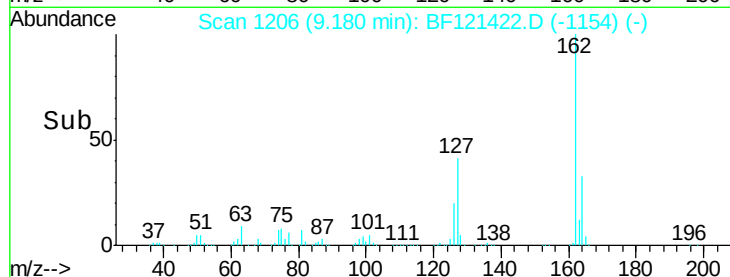
164 33.0 26.5 39.7



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: 37.319 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

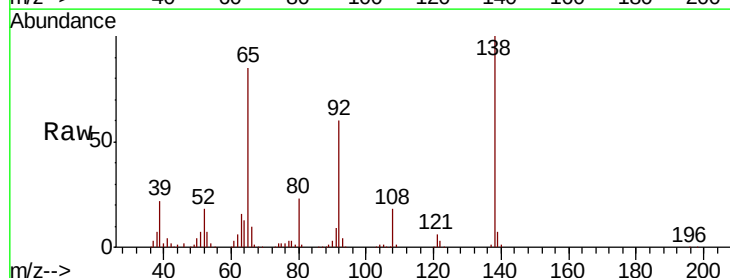
Tgt Ion: 65 Resp: 223500

Ion Ratio Lower Upper

65 100

92 70.4 54.9 82.3

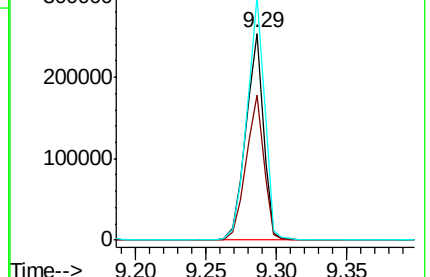
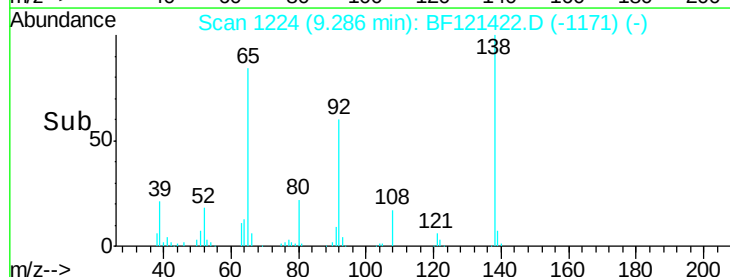
138 117.8 89.5 134.3

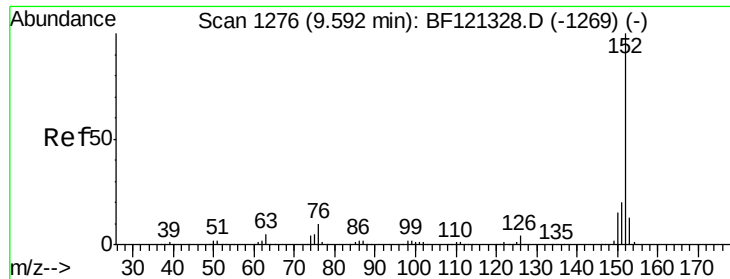


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.221 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

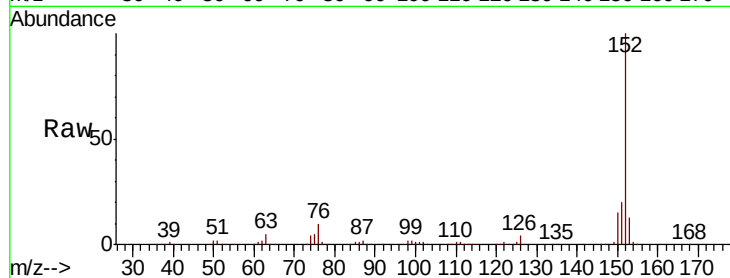
Tot Ion:152 Resp: 1023340

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

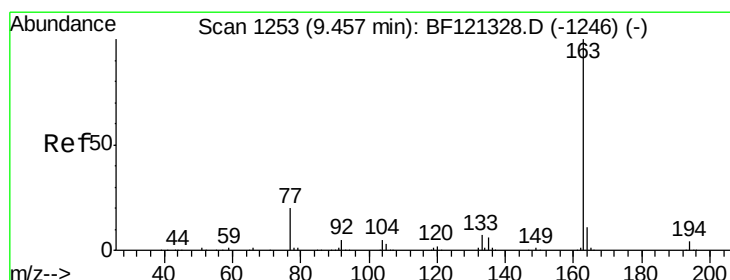
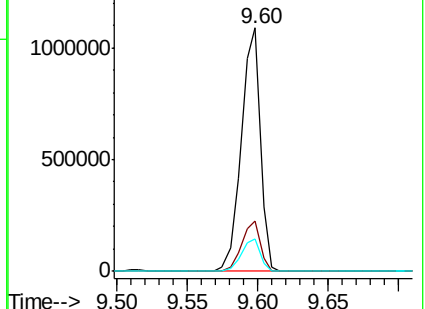
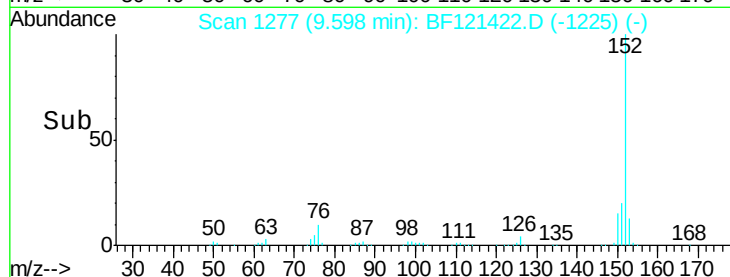
153 13.2 10.6 16.0



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: 36.703 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

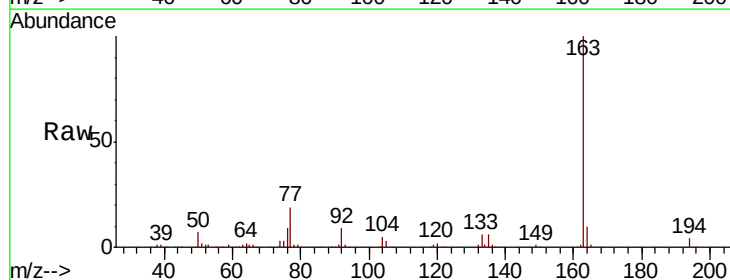
Tgt Ion:163 Resp: 822537

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

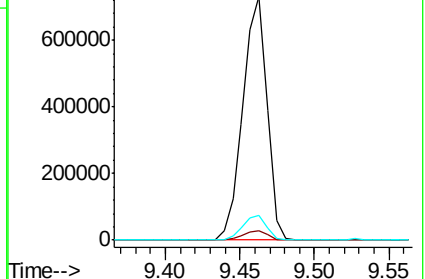
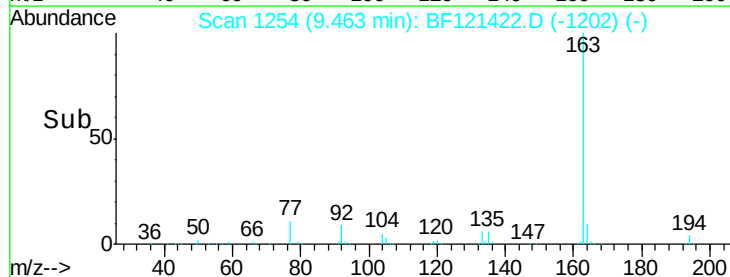
164 10.3 8.4 12.6

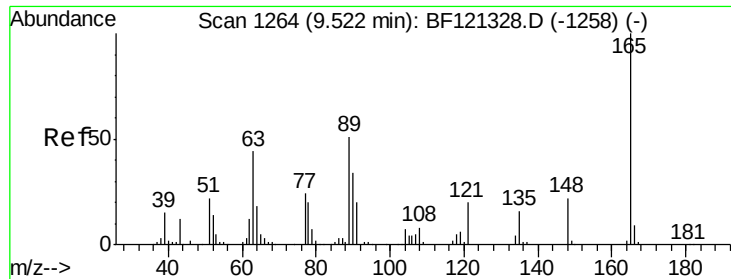


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

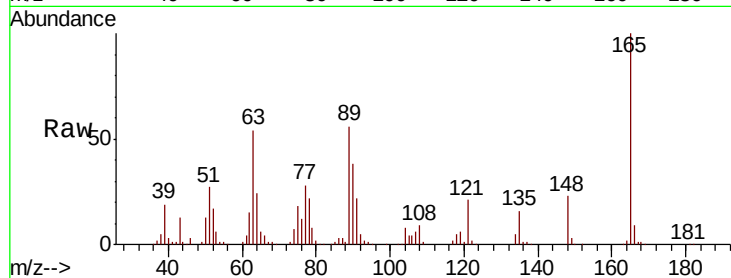




#51
 2,6-Dinitrotoluene
 Concen: 37.660 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.7	38.5	57.7
89	55.7	41.2	61.8

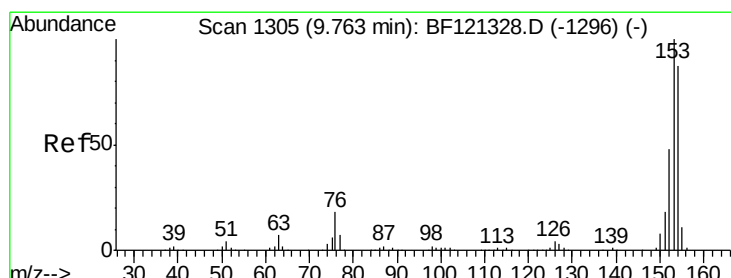
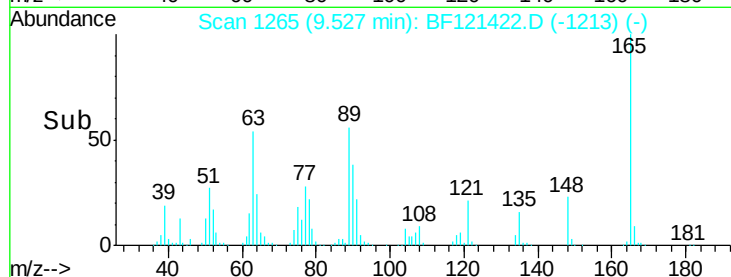
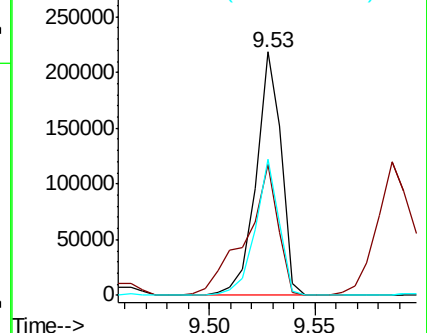


Abundance

Ion 165.00 (164.70 to 165.70): E

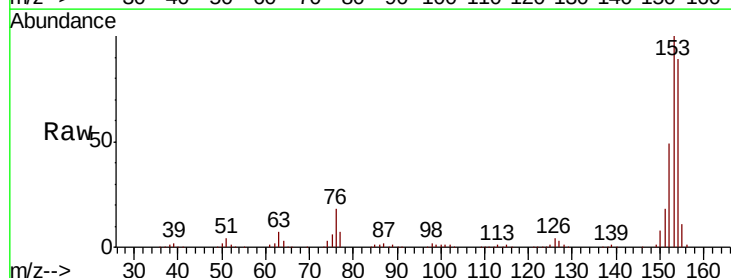
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 36.032 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	92.0	138.0
152	55.1	44.6	66.8

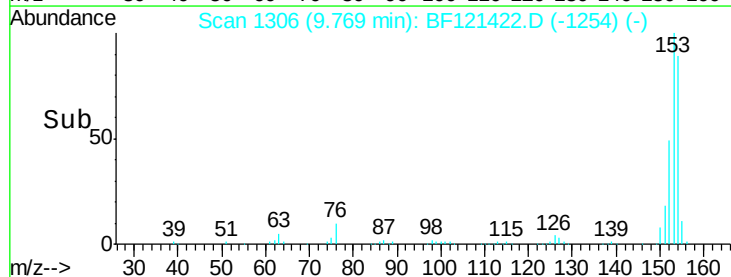
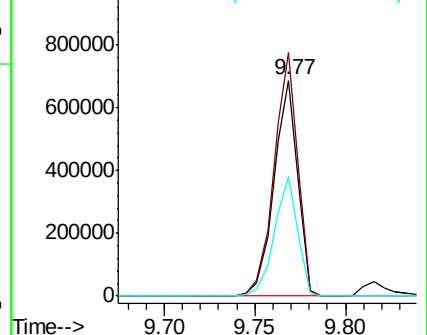


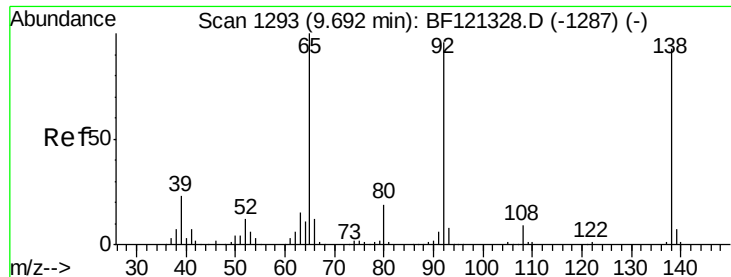
Abundance

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

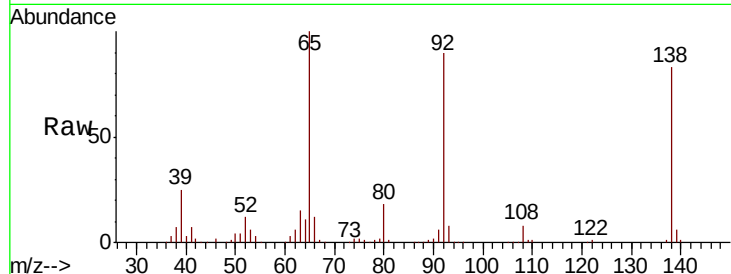




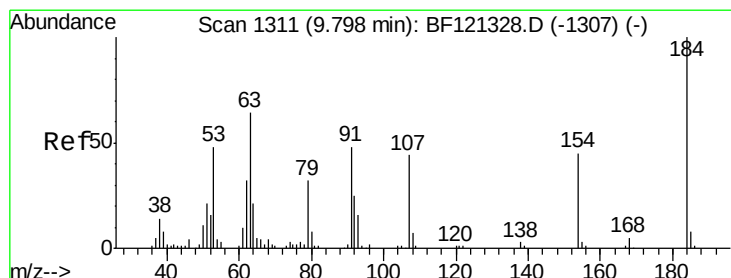
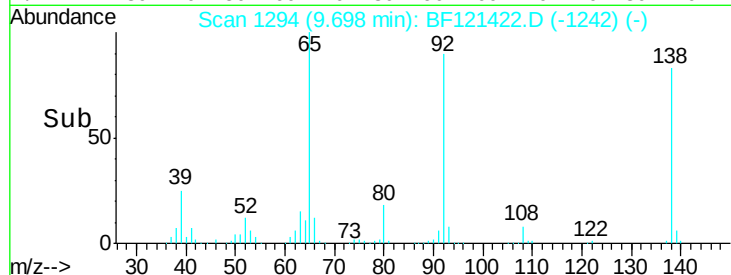
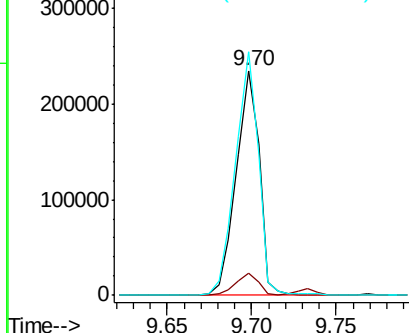
#53
3-Nitroaniline
Concen: 37.351 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 223629
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 108.4 83.0 124.4

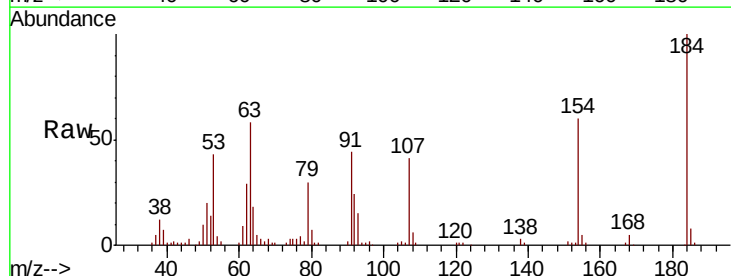


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

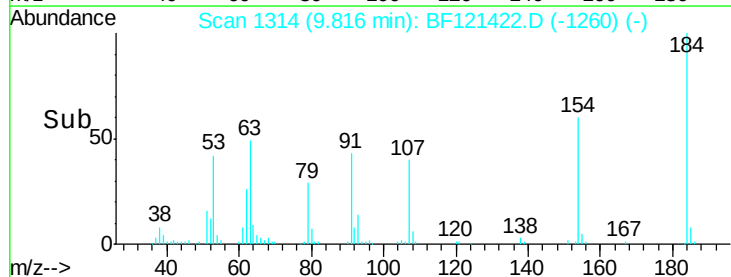
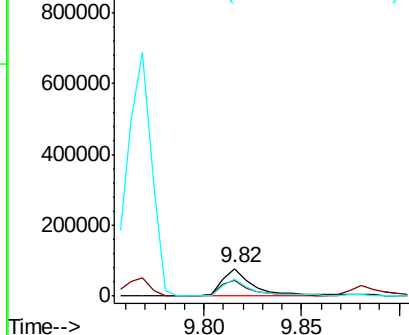


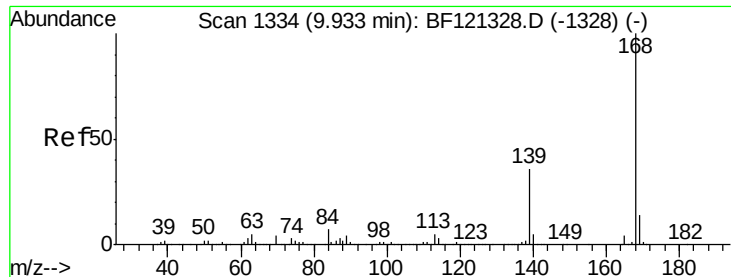
#54
2,4-Dinitrophenol
Concen: 37.403 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion:184 Resp: 86304
Ion Ratio Lower Upper
184 100
63 57.8 51.5 77.3
154 60.2 48.0 72.0



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

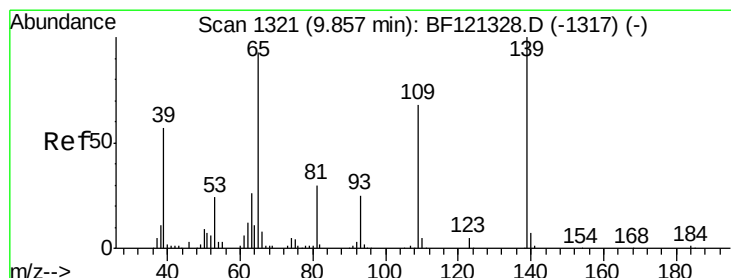
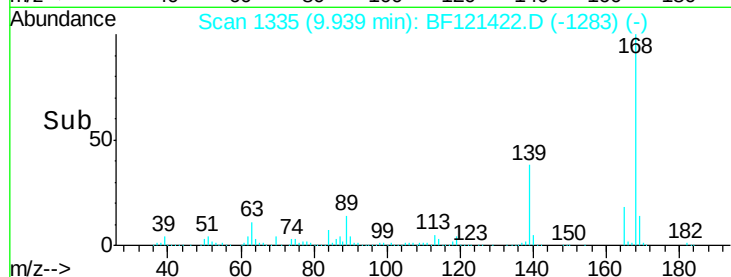
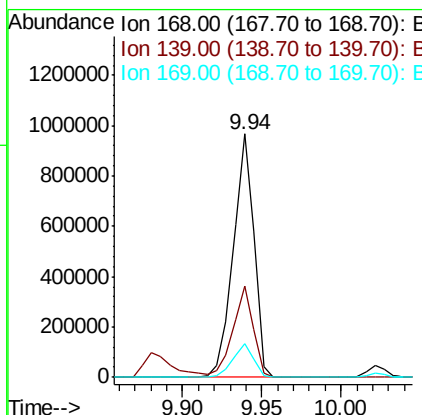
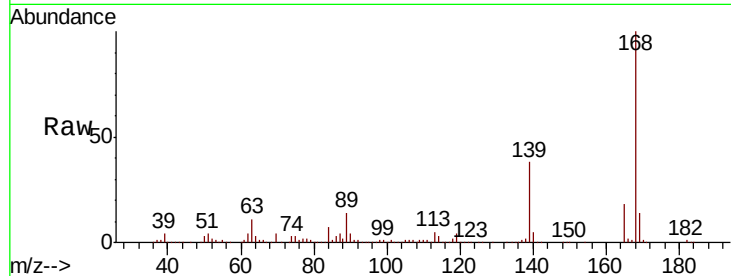




#55
Dibenzofuran
Concen: 39.242 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

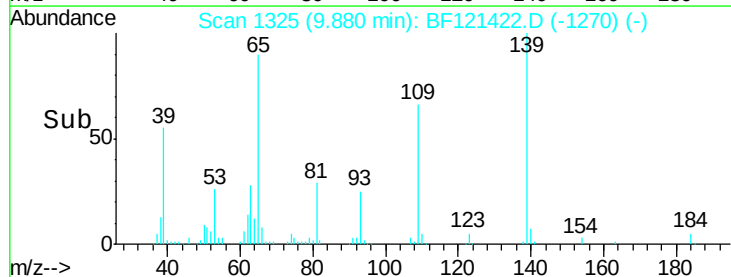
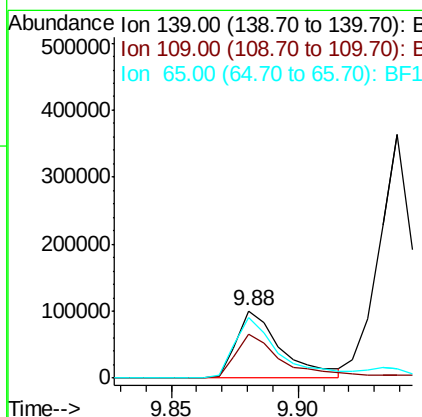
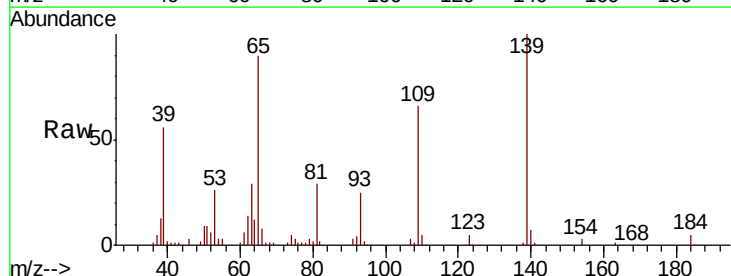
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

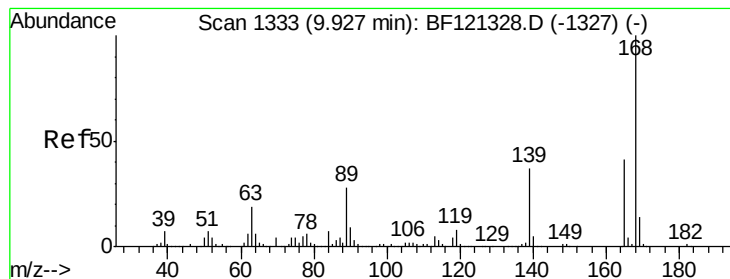
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.1	43.7
169	13.9	11.0	16.6



#56
4-Nitrophenol
Concen: 33.626 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	47.7	87.7
65	90.2	73.2	113.2





#57

2,4-Dinitrotoluene

Concen: 36.212 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 211435

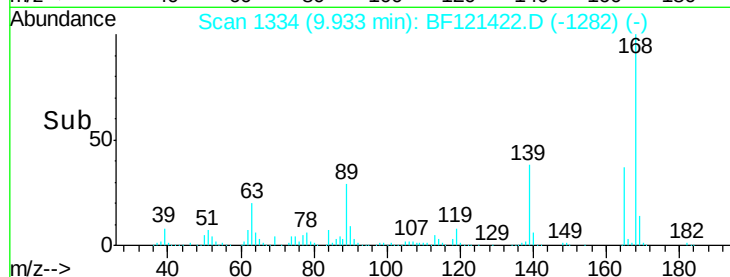
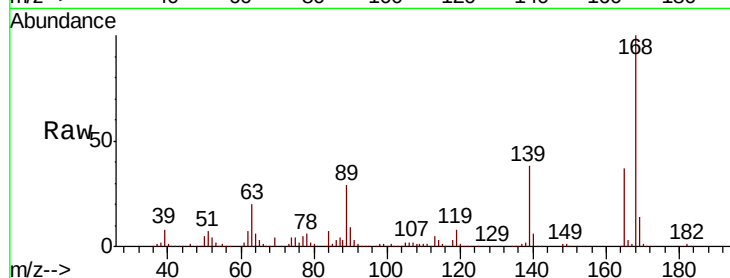
Ion Ratio Lower Upper

165 100

63 54.8 37.5 56.3

89 78.0 54.2 81.4

182 2.3 2.2 3.4

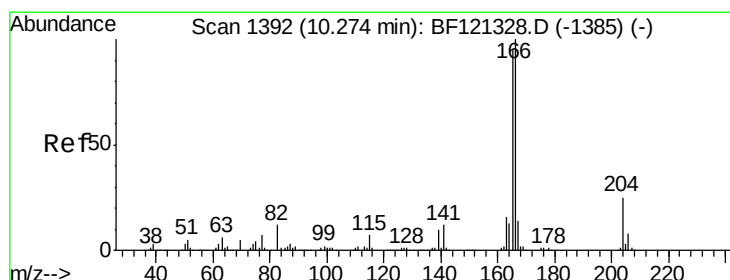
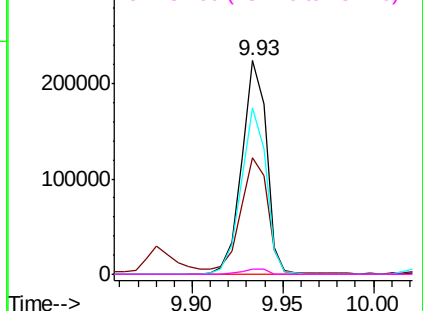


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.405 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

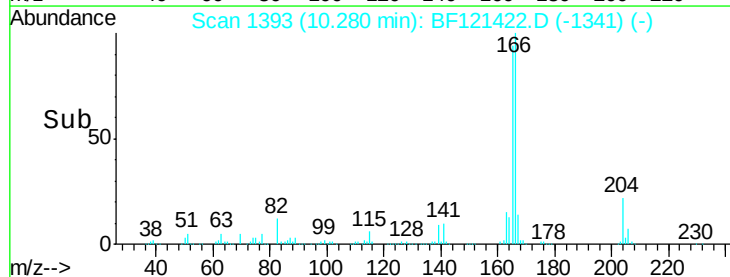
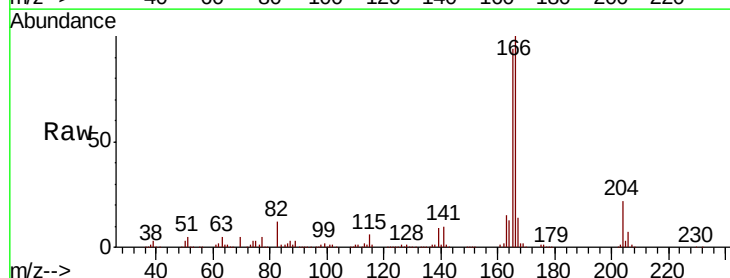
Tgt Ion:166 Resp: 689145

Ion Ratio Lower Upper

166 100

165 93.5 75.8 113.8

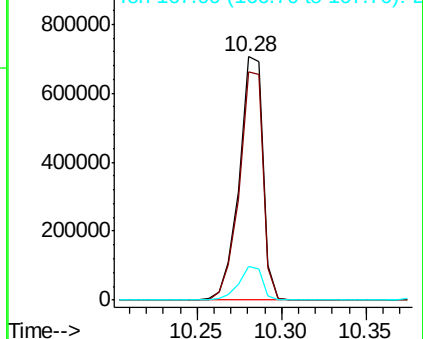
167 13.6 11.0 16.4

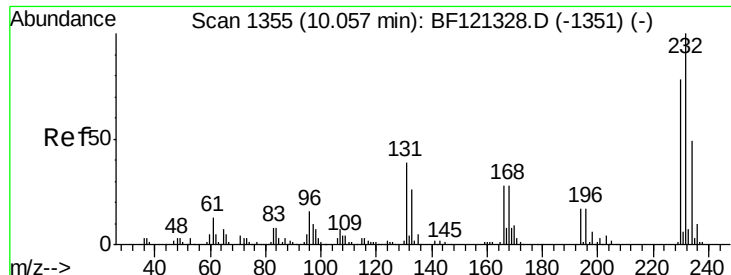


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

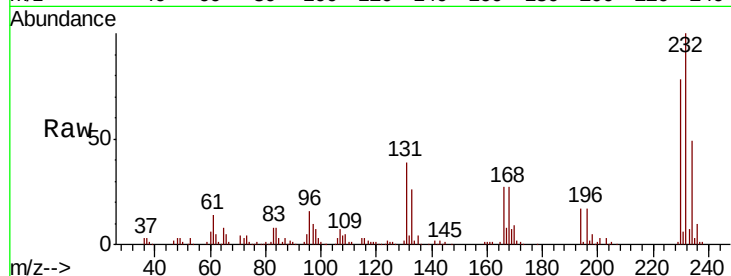




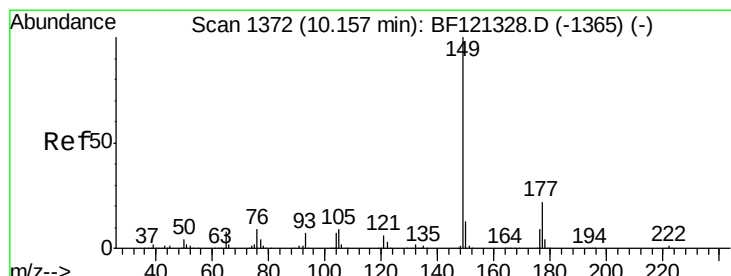
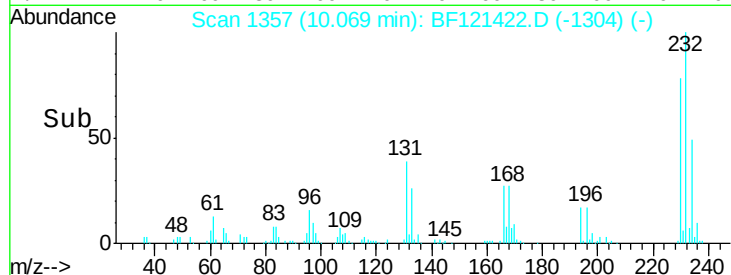
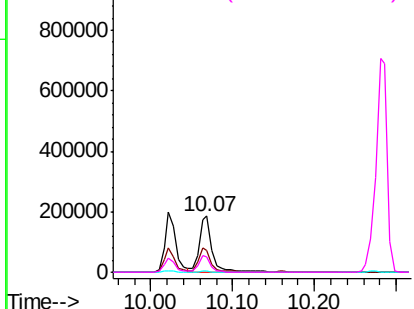
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.213 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.2	51.4
130	2.0	1.7	2.5
166	27.3	22.3	33.5

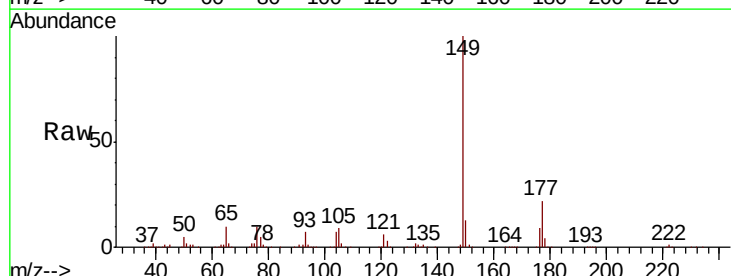


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

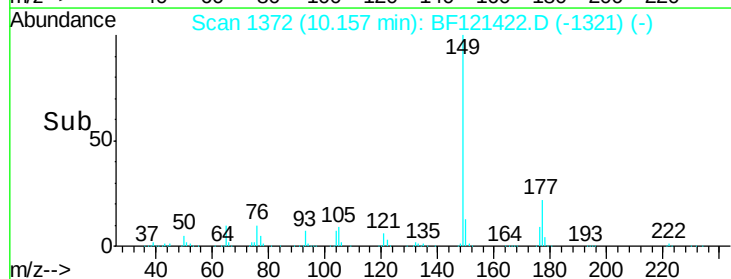
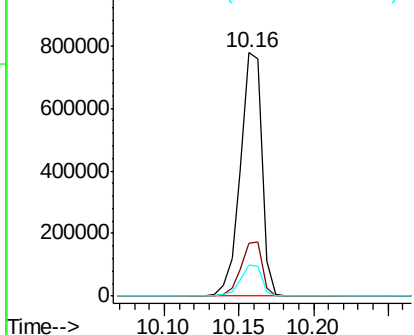


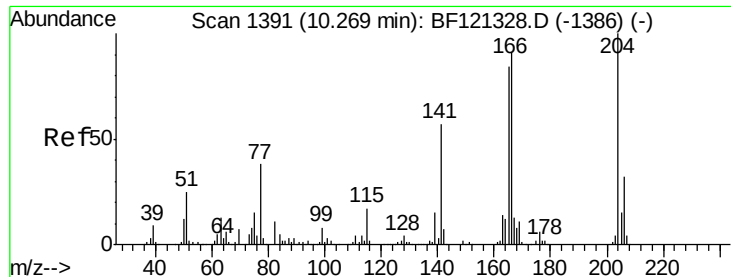
#60
 Diethylphthalate
 Concen: 35.722 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	13.0	10.1	15.1



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

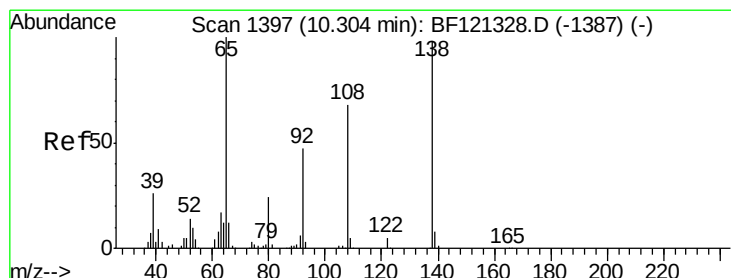
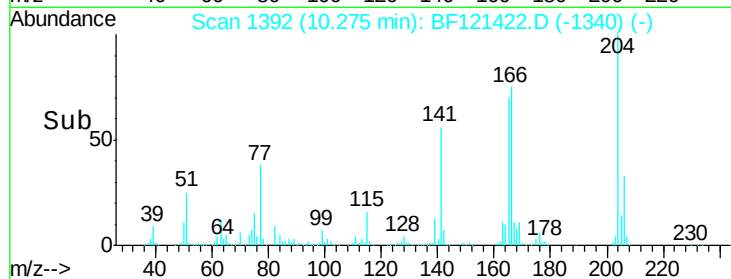
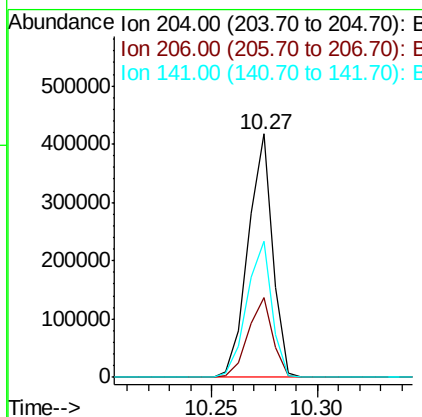
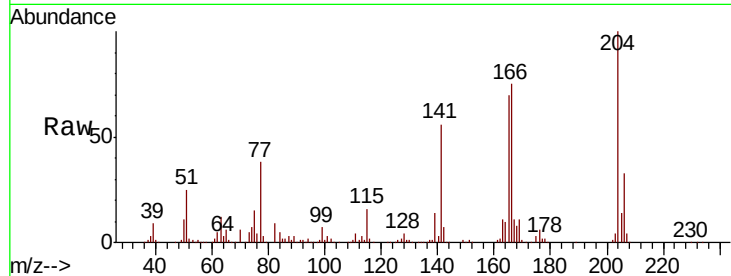




#61
 4-Chlorophenyl-phenylether
 Concen: 40.936 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

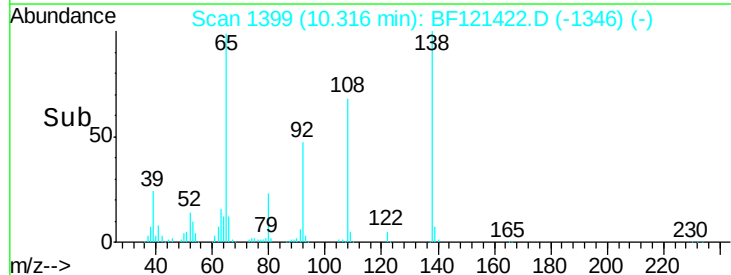
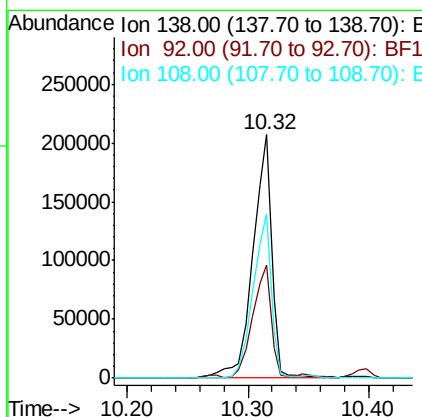
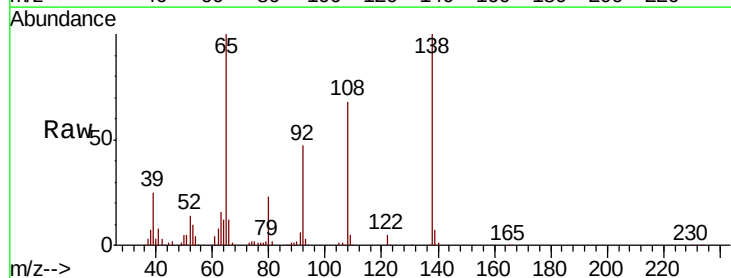
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

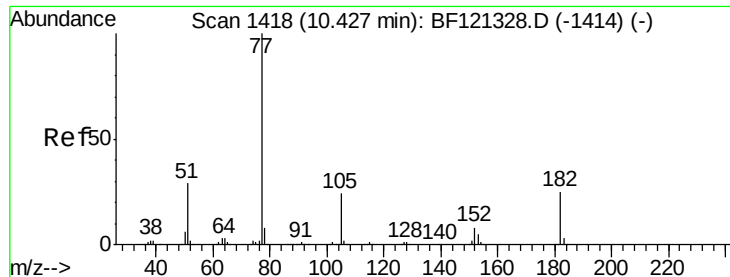
Tot Ion:	204	Resp:	336783
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	56.1	45.5	68.3



#62
 4-Nitroaniline
 Concen: 37.204 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion:	138	Resp:	228233
Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.1	68.1
108	67.6	49.5	89.5





#63

Azobenzene

Concen: 35.790 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 727462

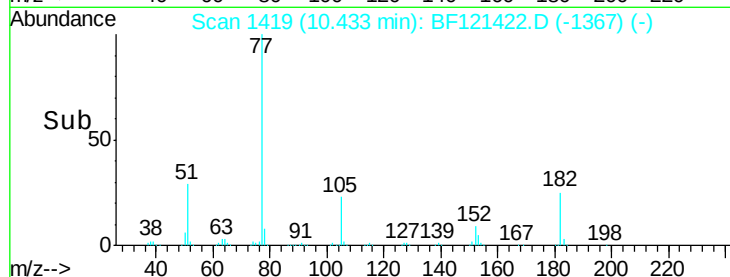
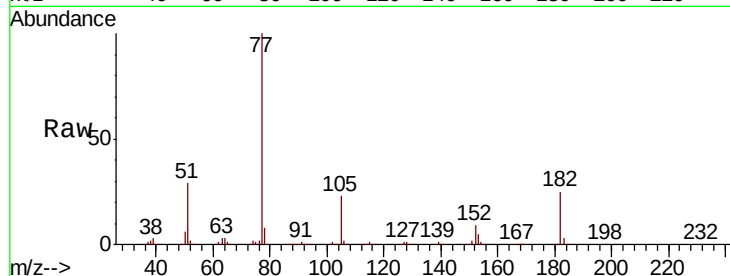
Ion Ratio Lower Upper

77 100

182 25.0 5.0 45.0

105 22.9 3.6 43.6

51 28.8 8.8 48.8

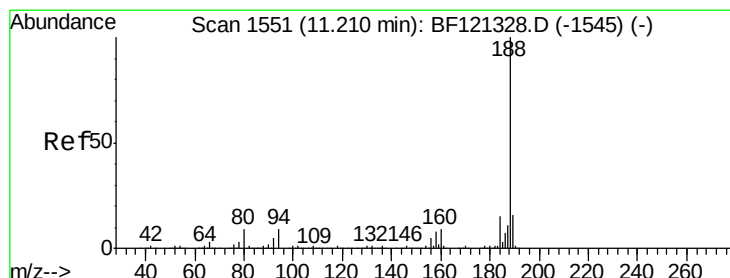
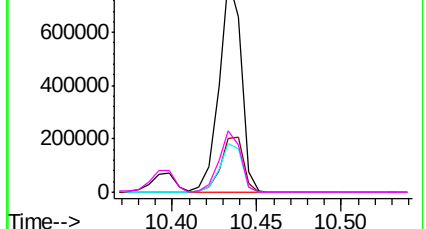


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

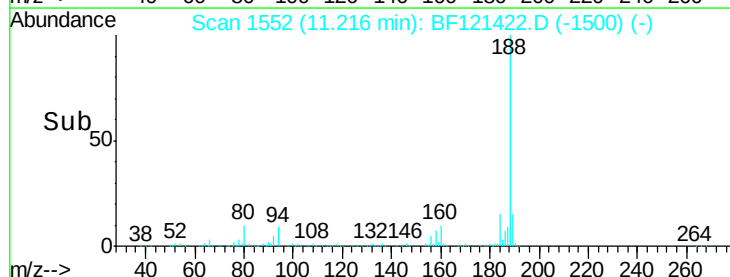
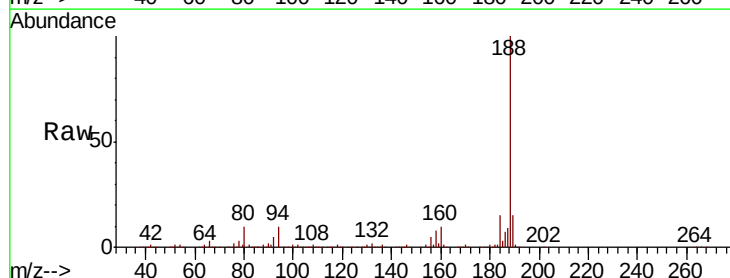
Tgt Ion: 188 Resp: 585530

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

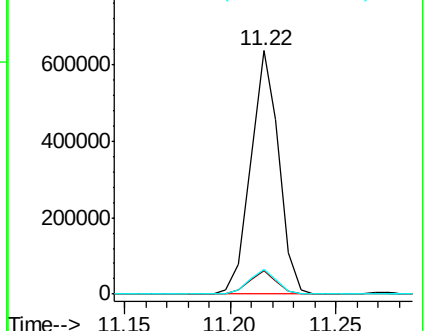
80 10.2 7.4 11.0

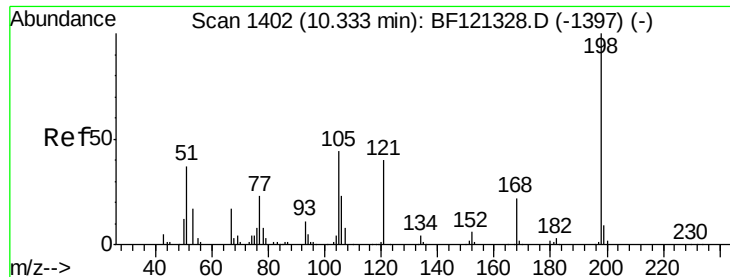


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

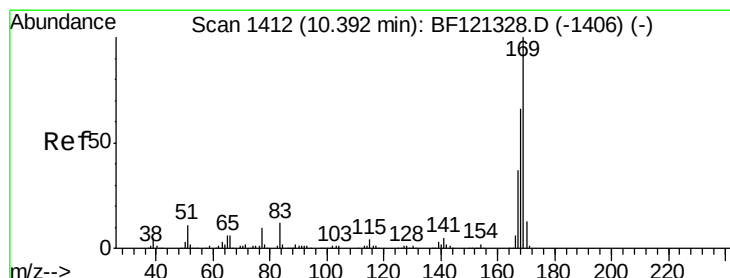
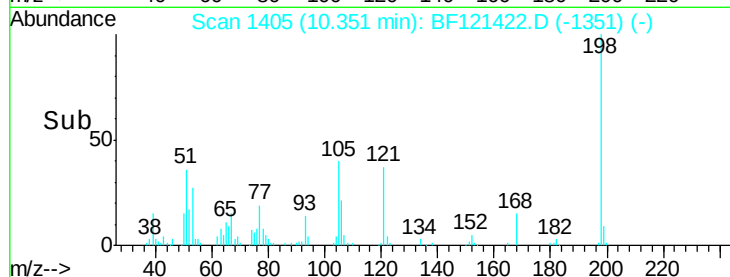
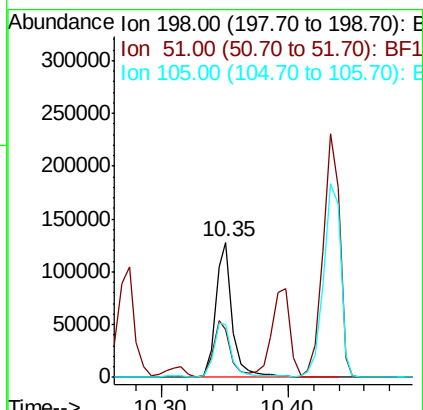
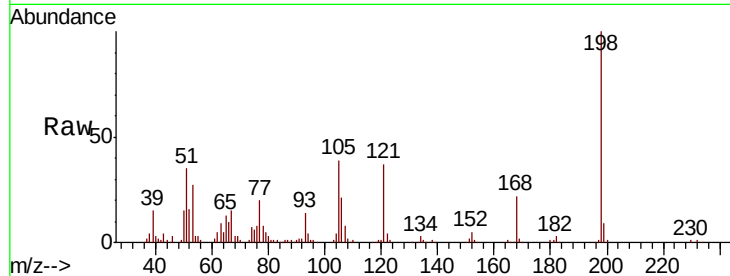




#65
4,6-Dinitro-2-methylphenol
Concen: 37.887 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

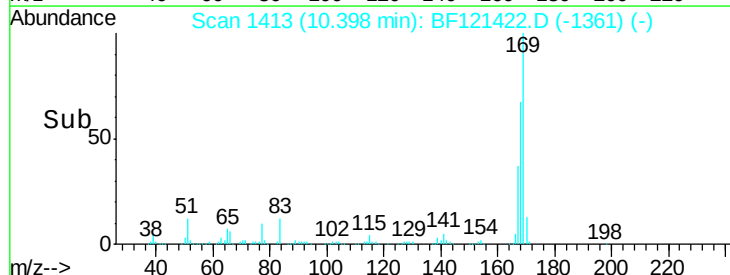
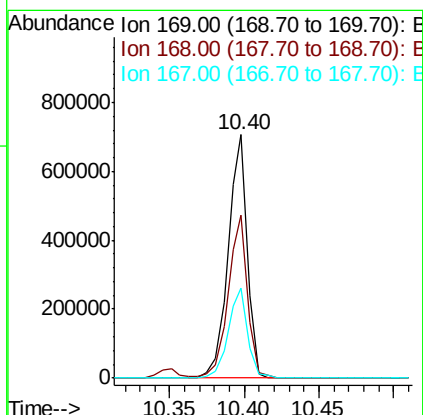
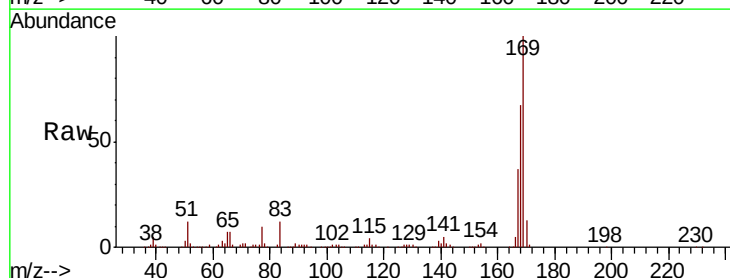
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

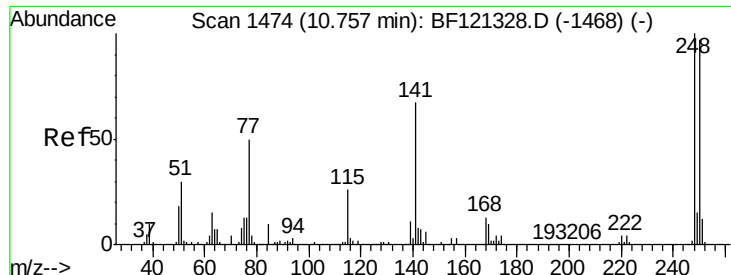
Tot Ion:198 Resp: 118638
Ion Ratio Lower Upper
198 100
51 35.4 25.5 65.5
105 39.1 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 35.640 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion:169 Resp: 643698
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 37.2 29.5 44.3

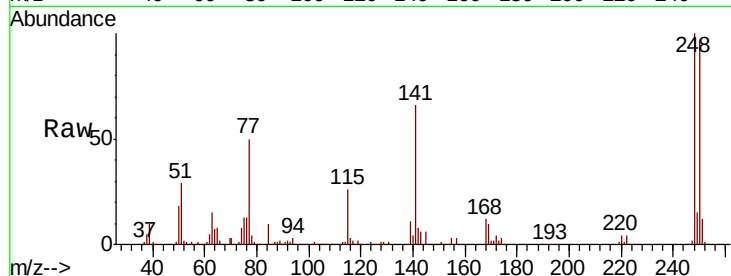




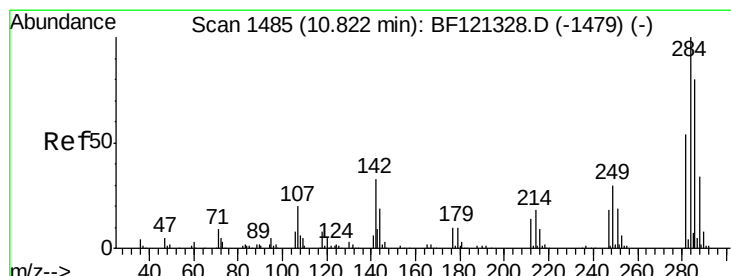
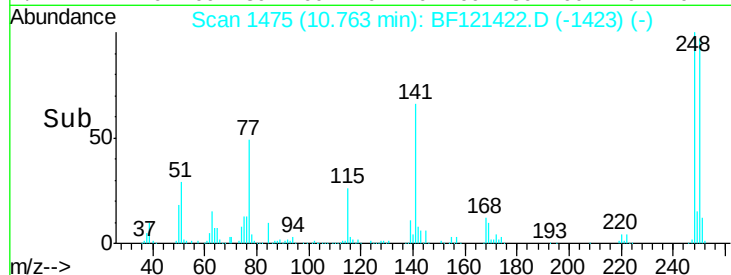
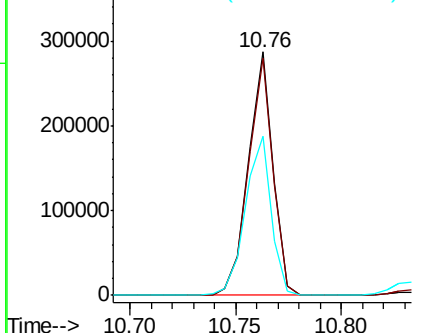
#67
 4-Bromophenyl-phenylether
 Concen: 35.973 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 233646
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.9 116.9
 141 65.6 53.5 80.3

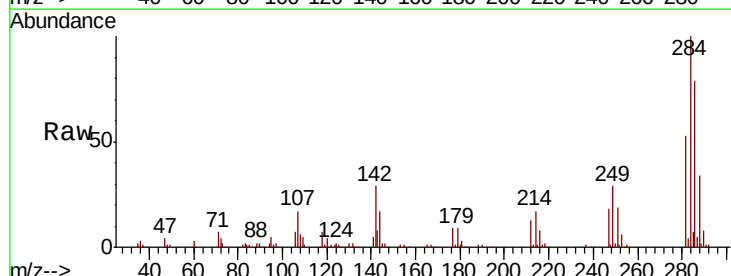


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

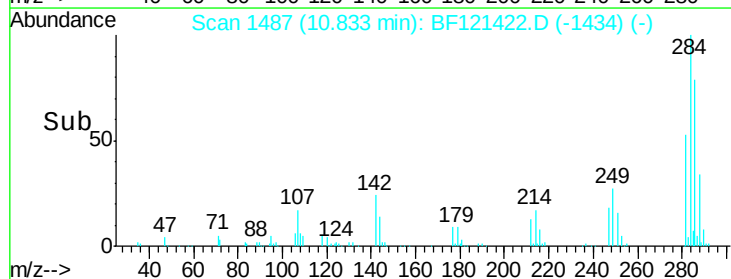
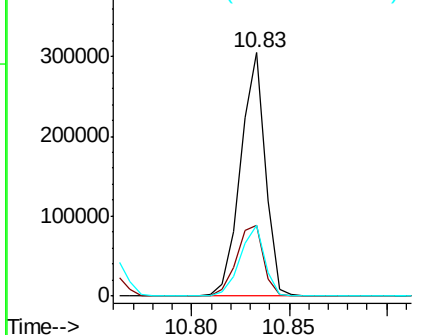


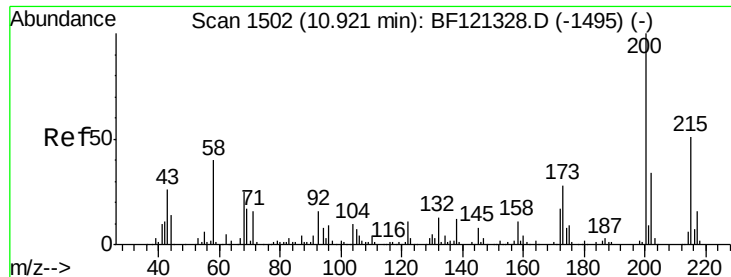
#68
 Hexachlorobenzene
 Concen: 35.652 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion:284 Resp: 266916
 Ion Ratio Lower Upper
 284 100
 142 29.0 26.1 39.1
 249 28.8 24.0 36.0



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: 36.559 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

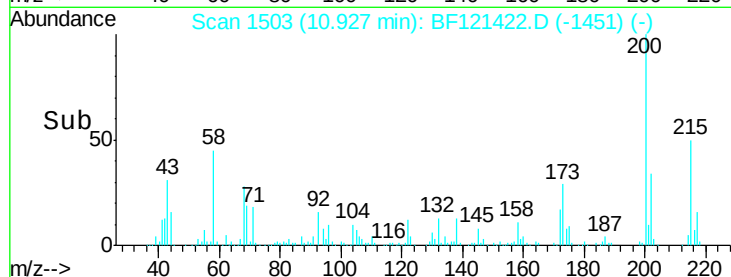
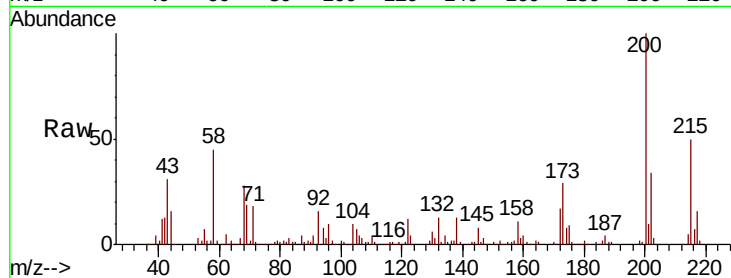
Tot Ion:200 Resp: 204545

Ion Ratio Lower Upper

200 100

173 29.3 7.8 47.8

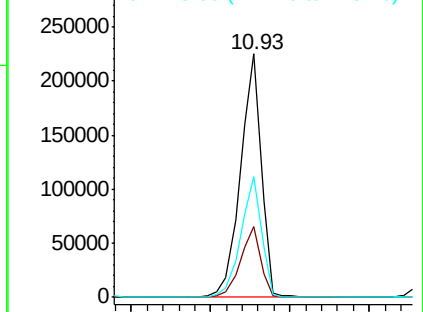
215 49.6 30.5 70.5



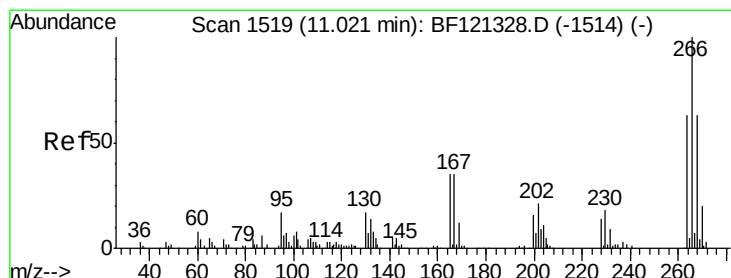
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 34.143 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

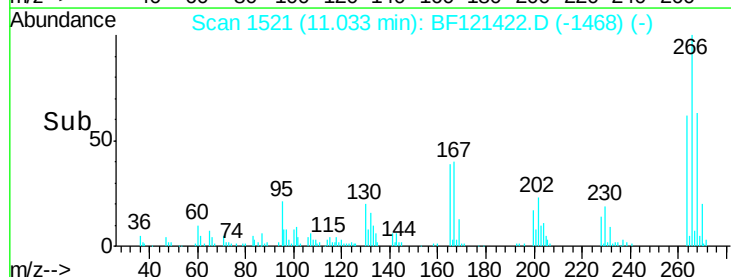
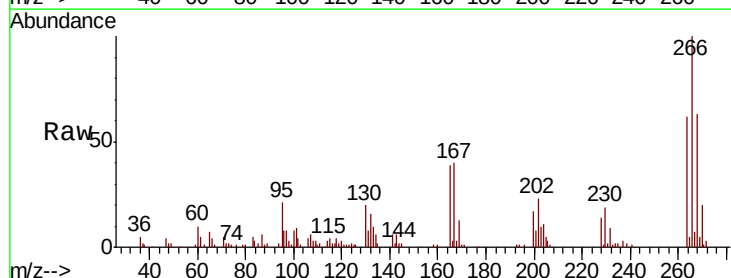
Tgt Ion:266 Resp: 113733

Ion Ratio Lower Upper

266 100

268 63.0 50.6 75.8

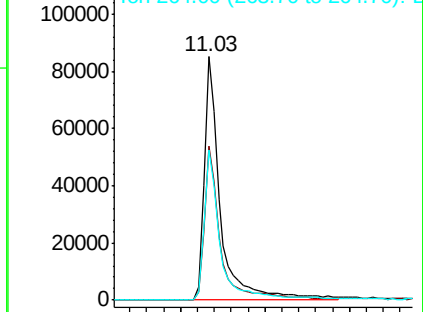
264 61.5 50.5 75.7



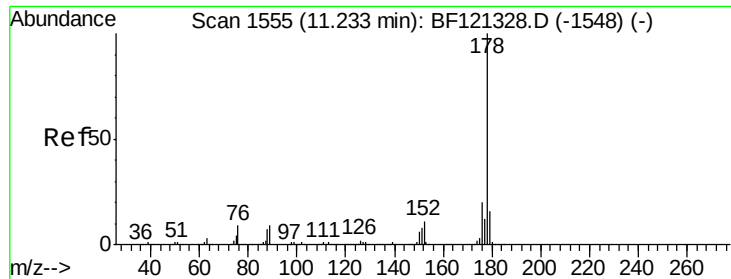
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



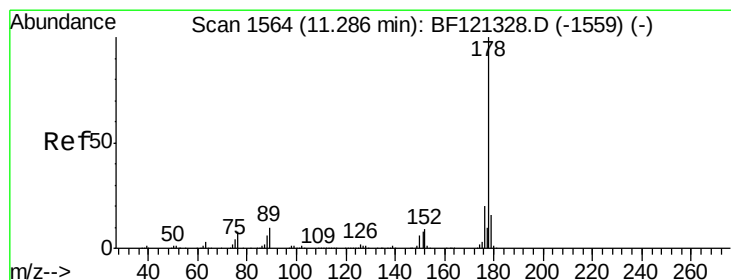
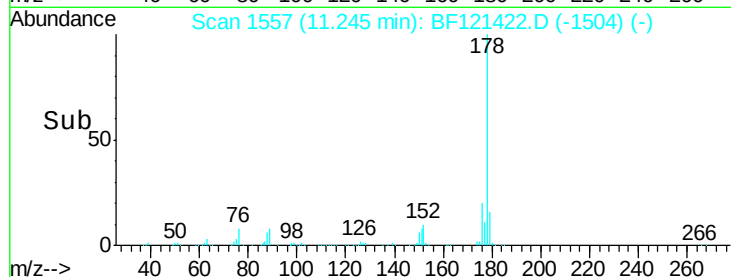
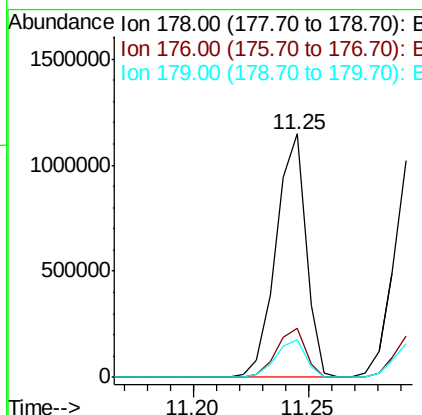
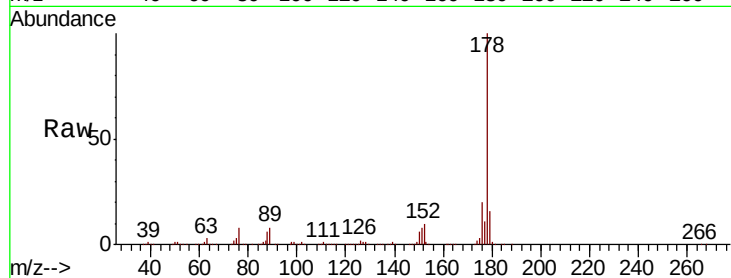
Time-->



#71
Phenanthrene
Concen: 34.221 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

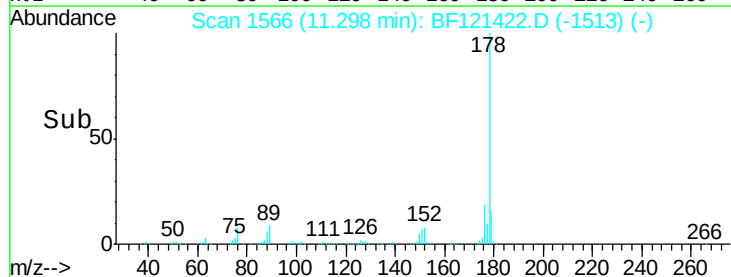
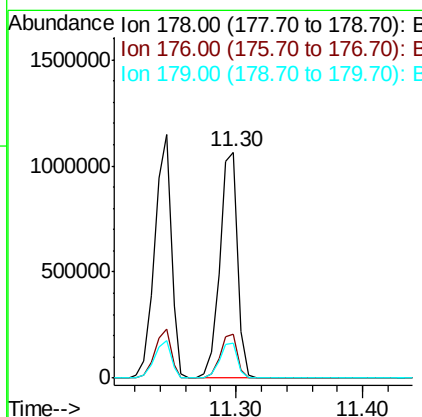
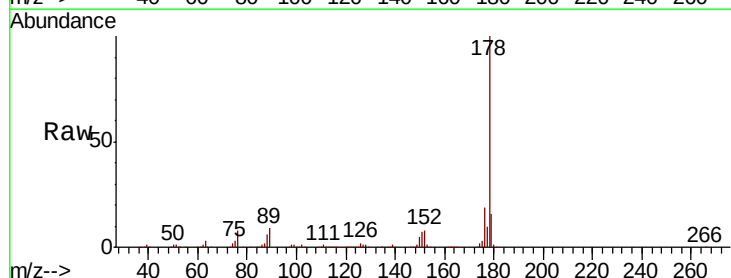
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

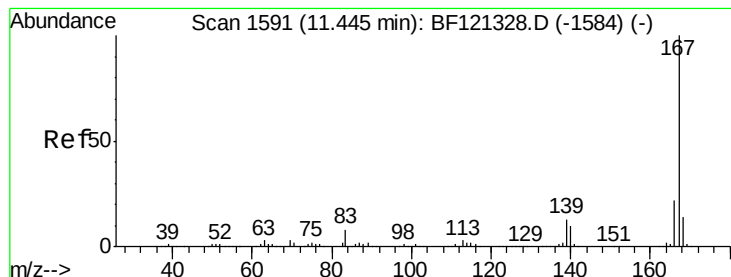
Tot Ion:178 Resp: 1037045
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.7 12.8 19.2



#72
Anthracene
Concen: 35.925 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion:178 Resp: 1048377
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.6 12.8 19.2





#73

Carbazole

Concen: 36.520 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

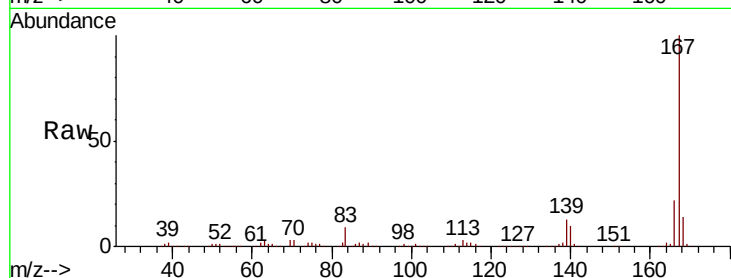
Tot Ion:167 Resp: 1017092

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

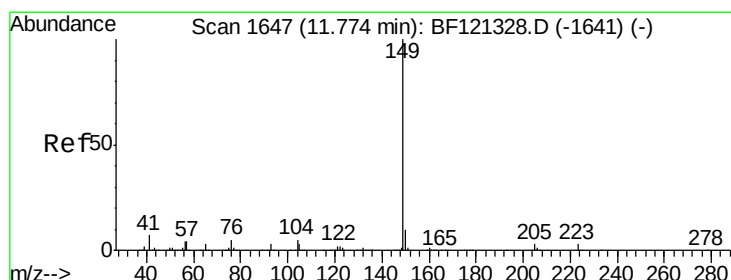
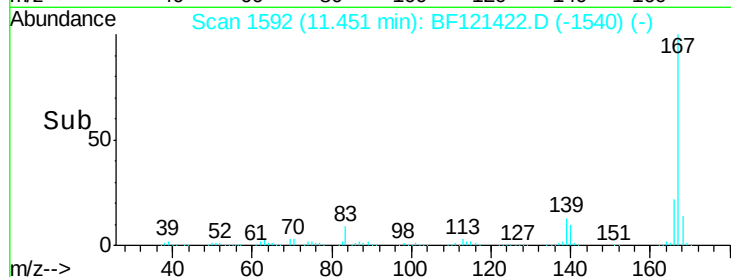
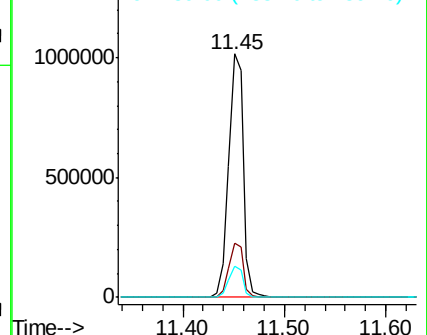
139 12.8 10.2 15.2



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: 36.604 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

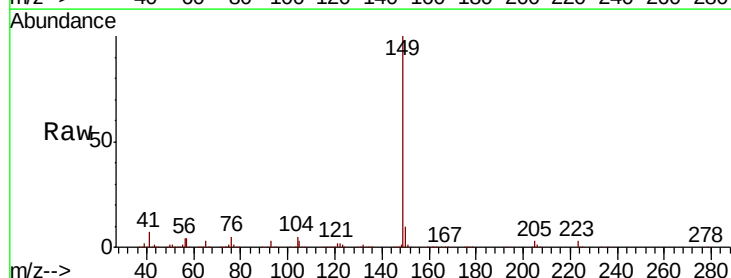
Tgt Ion:149 Resp: 1229295

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

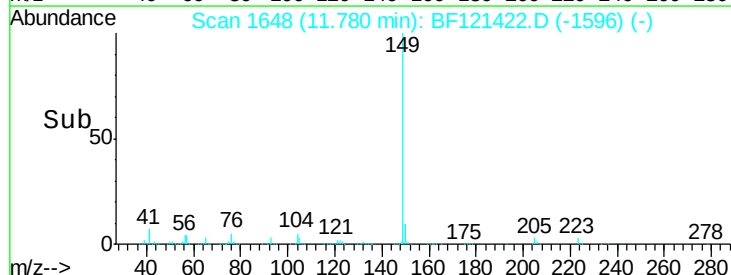
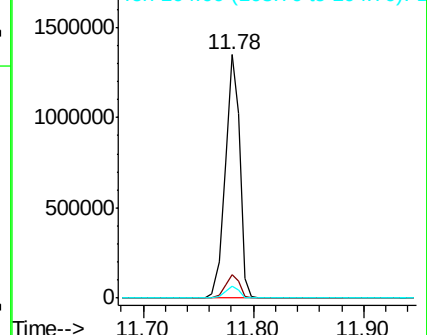
104 4.9 3.9 5.9

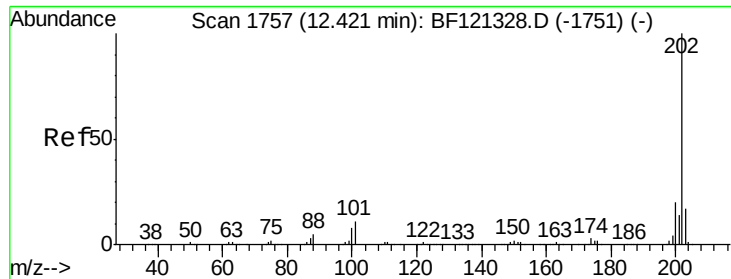


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

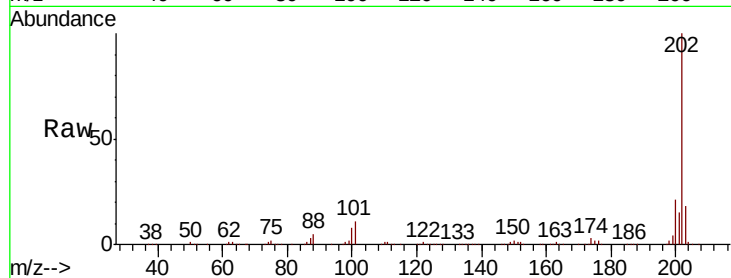




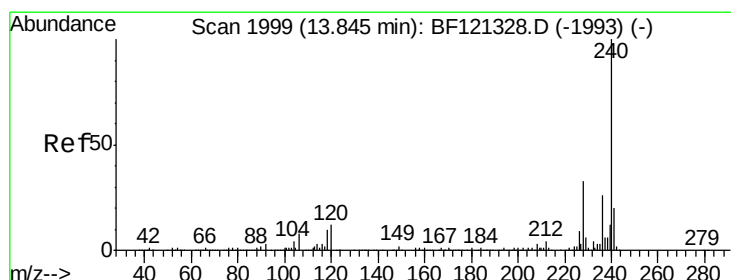
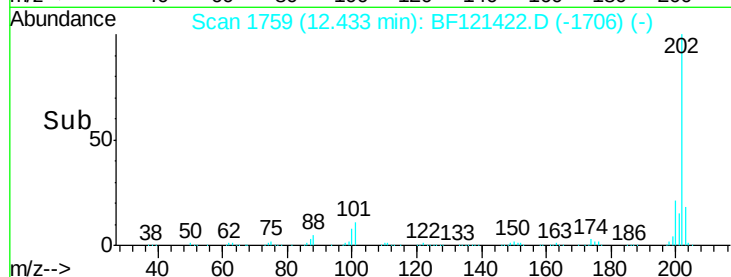
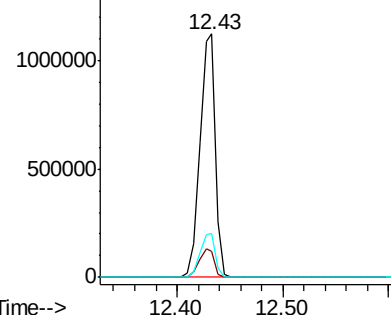
#75
 Fluoranthene
 Concen: 35.335 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1162262
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 30.6
 203 17.8 0.0 37.5

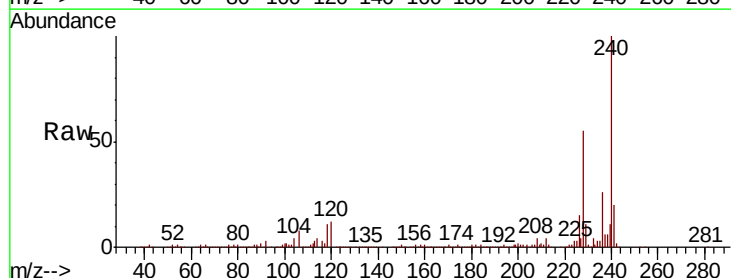


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

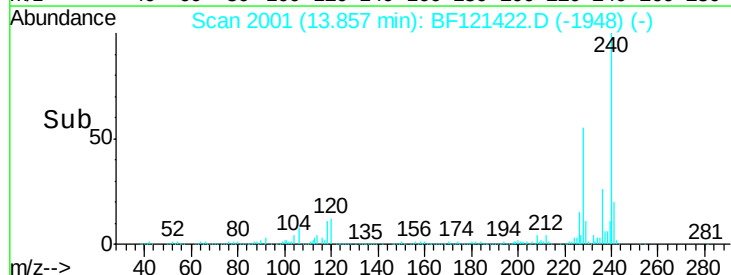
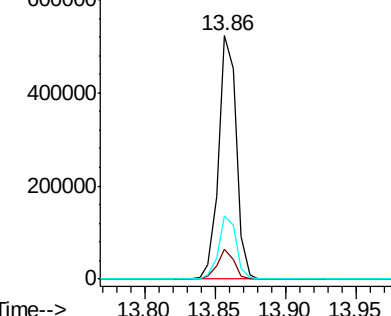


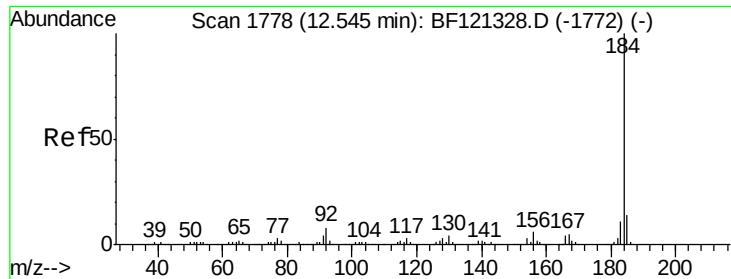
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion:240 Resp: 456515
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.6 14.4
 236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.020 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

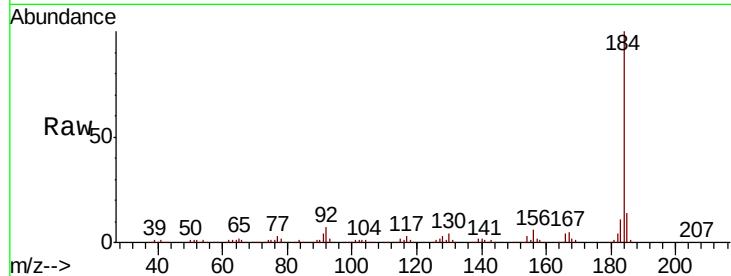
Tot Ion:184 Resp: 528503

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

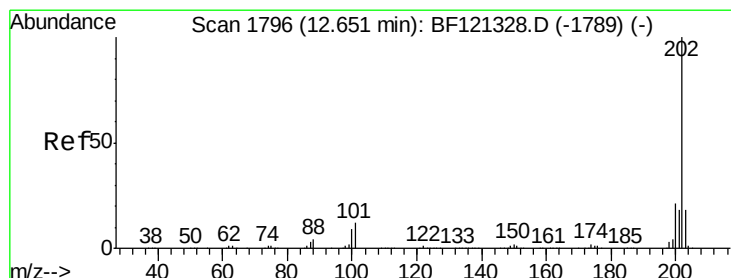
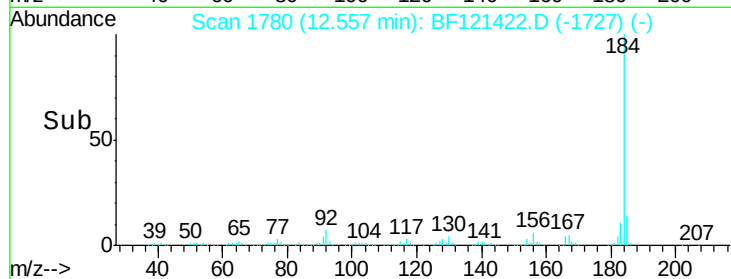
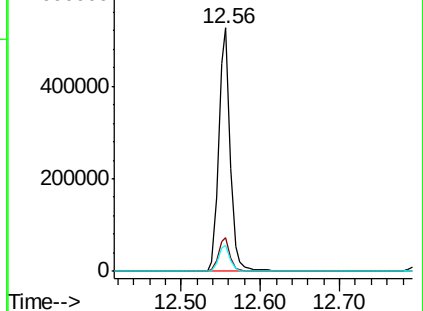
183 10.7 8.7 13.1



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: 34.362 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

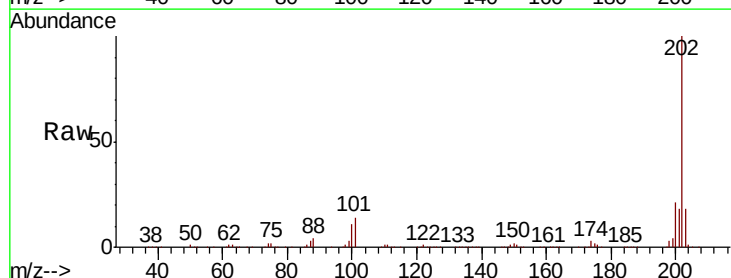
Tgt Ion:202 Resp: 1178332

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

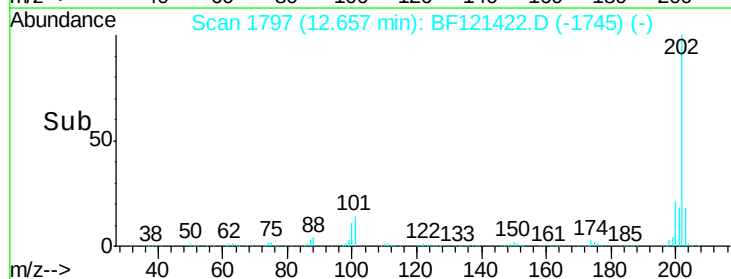
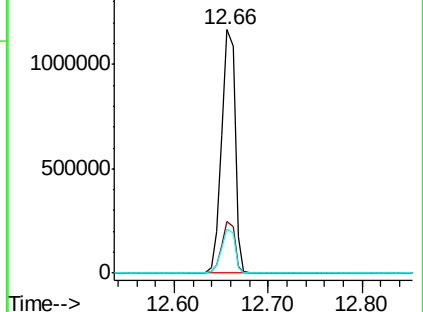
203 18.1 14.2 21.2

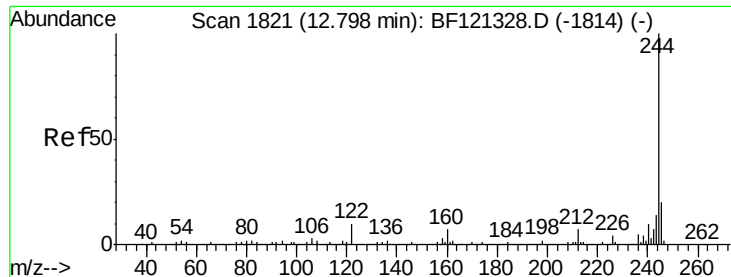


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



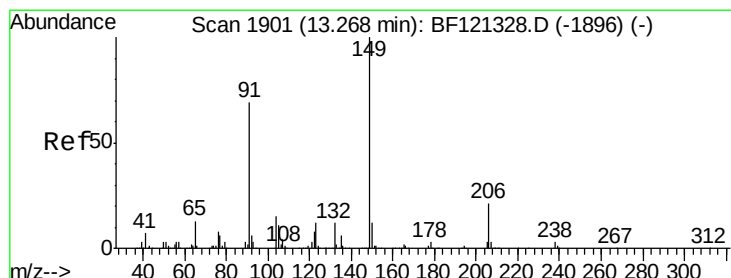
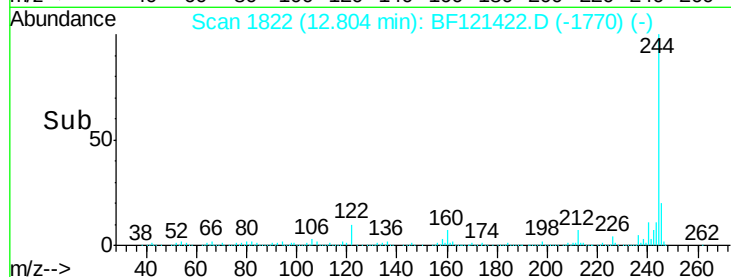
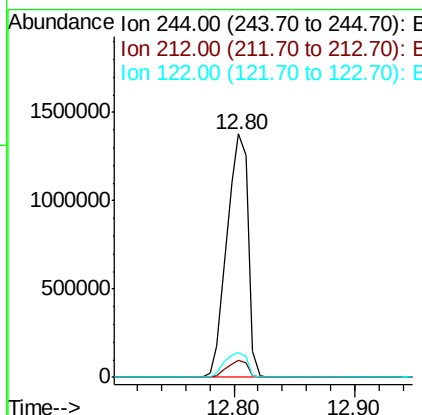
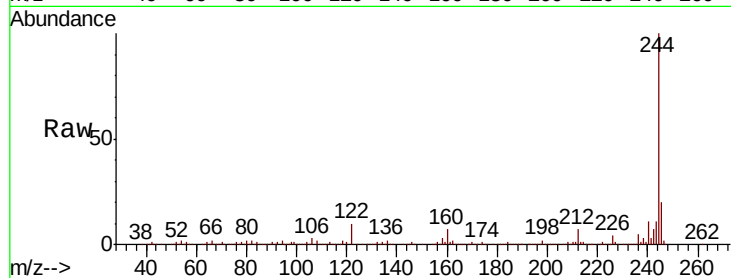


#79
 Terphenyl-d14
 Concen: 71.765 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1676522

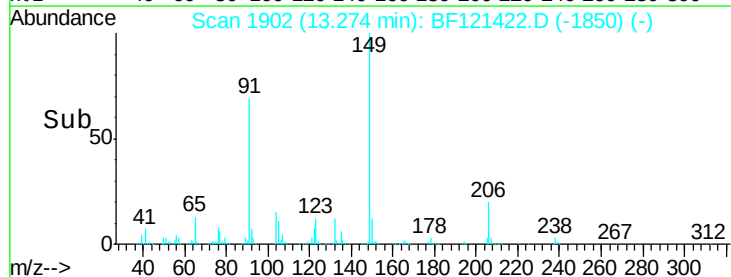
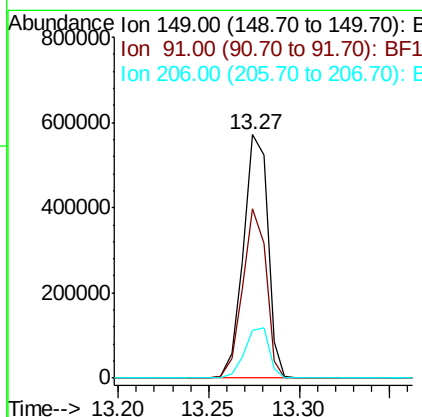
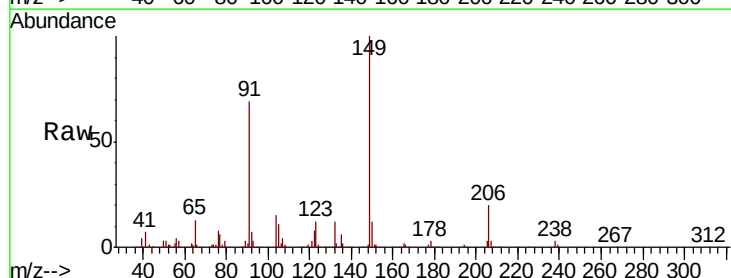
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	7.8	11.8

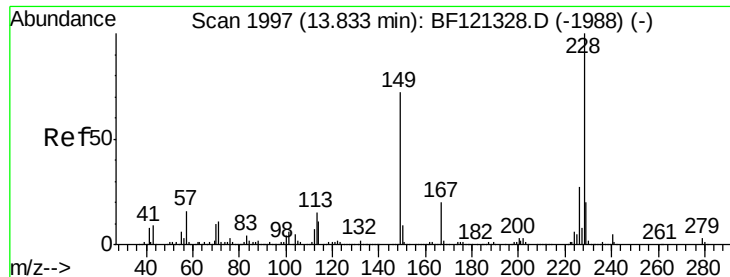


#80
 Butylbenzylphthalate
 Concen: 36.452 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion:149 Resp: 537116

Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.2	82.8
206	19.7	16.8	25.2





#81

Benzo(a)anthracene

Concen: 34.517 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

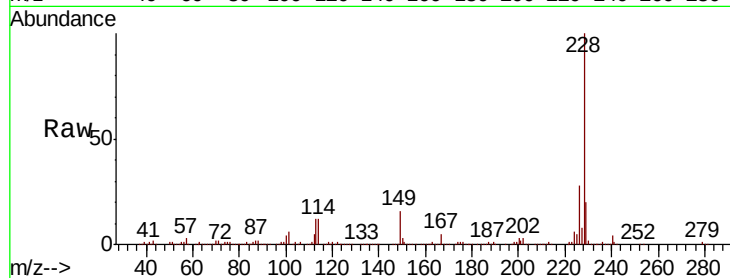
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 978712

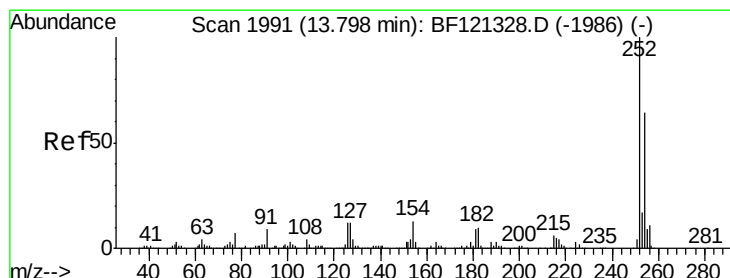
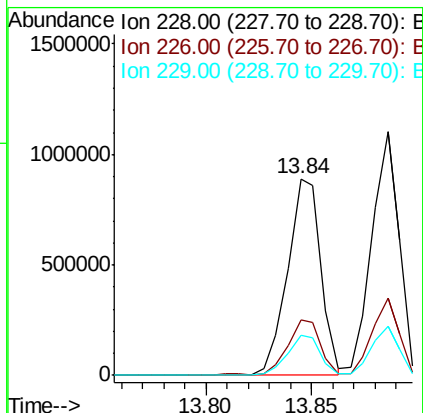
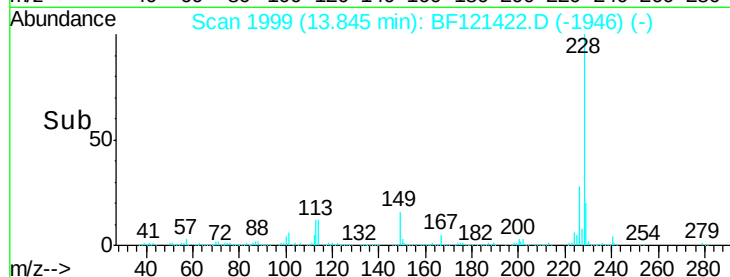
Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.6
229	20.5	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.888 ng

RT: 13.81 min Scan# 1993

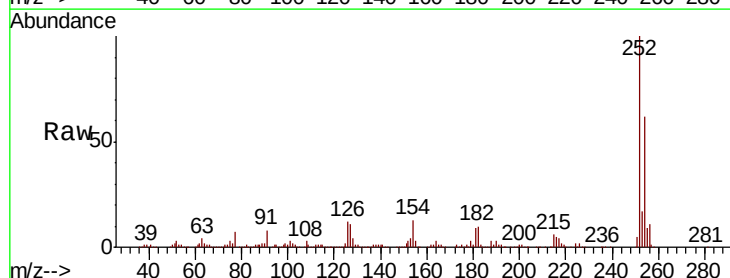
Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Tgt Ion:252 Resp: 401592

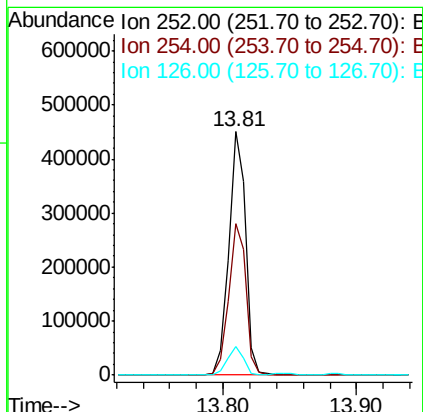
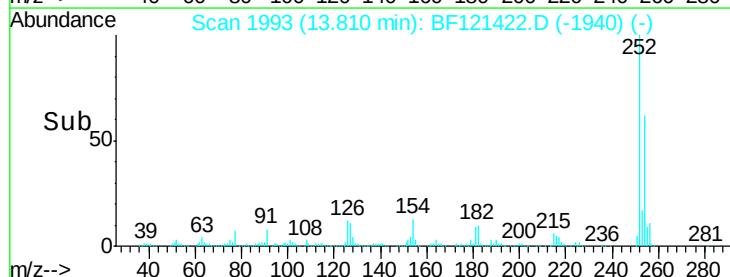
Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.5	77.3
126	11.7	9.8	14.8

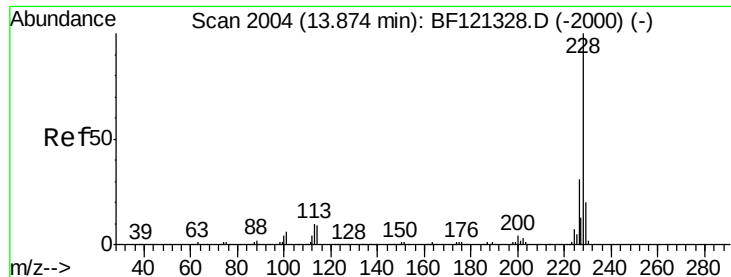


Abundance Ion 252.00 (251.70 to 252.70): E

600000 Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.471 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

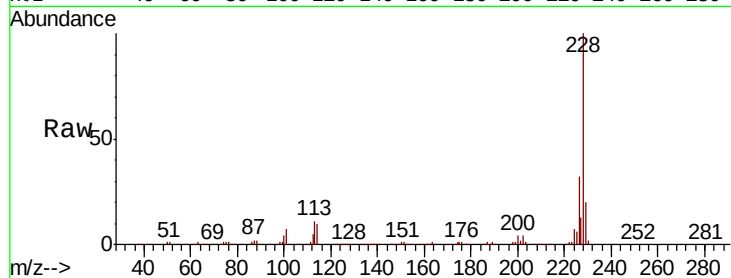
Tot Ion:228 Resp: 999658

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

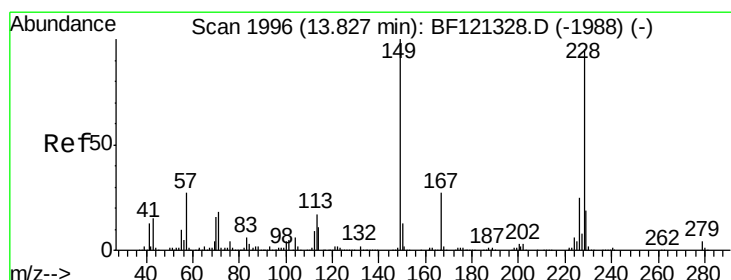
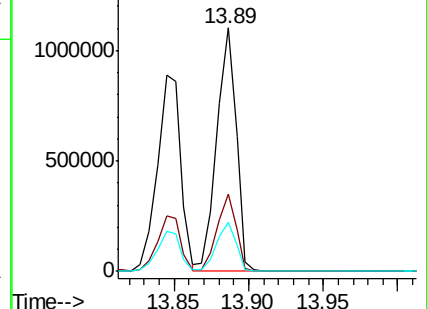
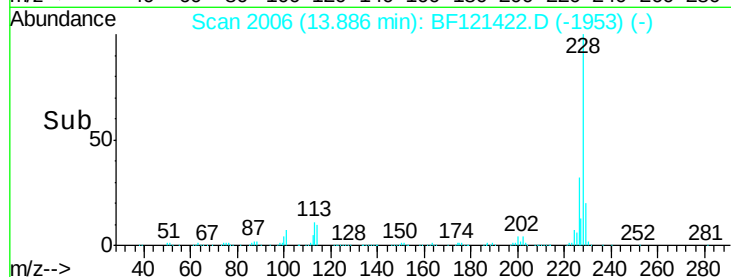
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.272 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

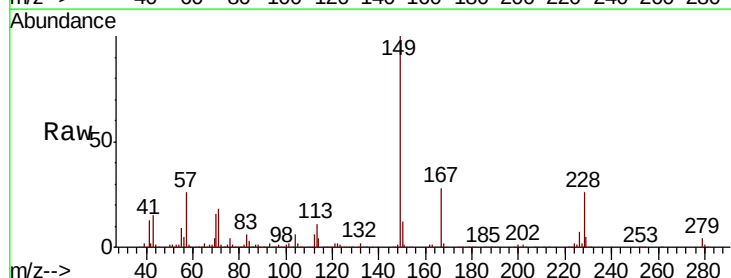
Tgt Ion:149 Resp: 663191

Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

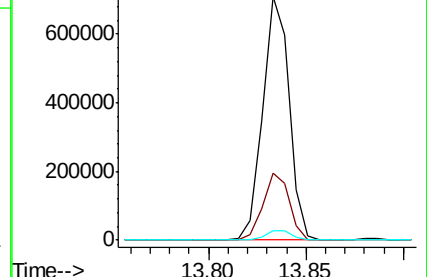
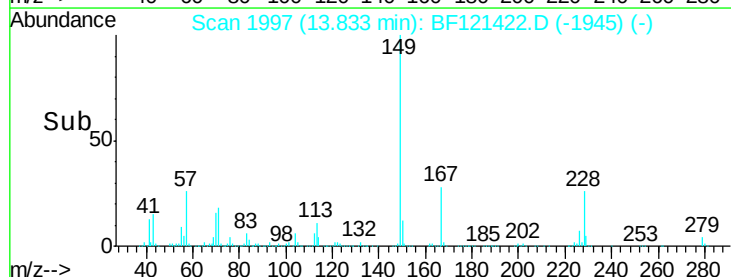
279 3.8 2.9 4.3

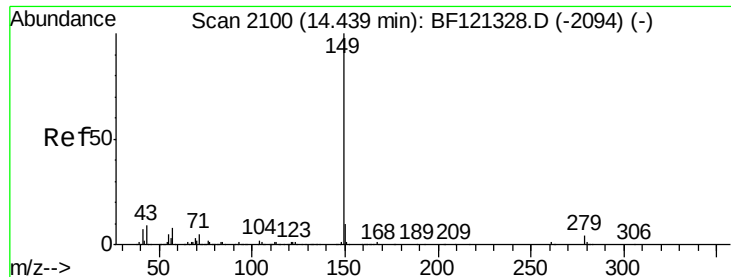


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.926 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

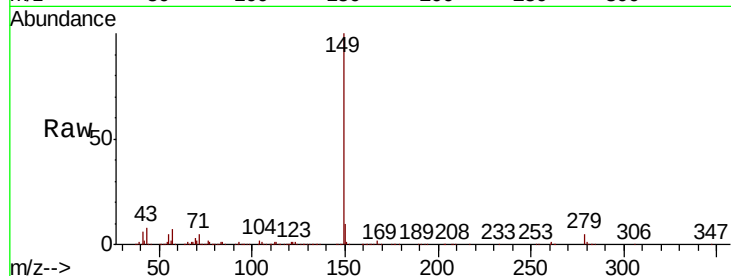
Tot Ion:149 Resp: 1184172

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

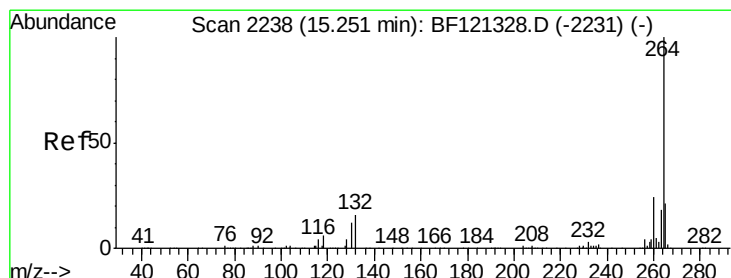
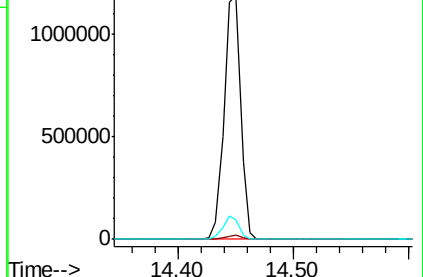
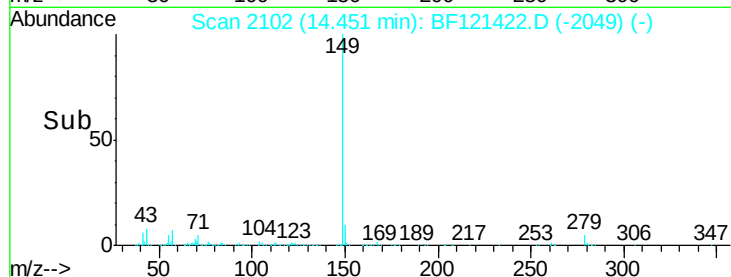
43 9.1 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

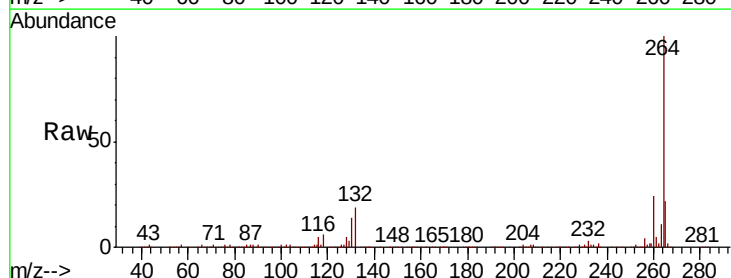
Tgt Ion:264 Resp: 467264

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

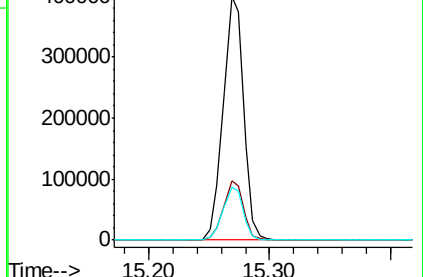
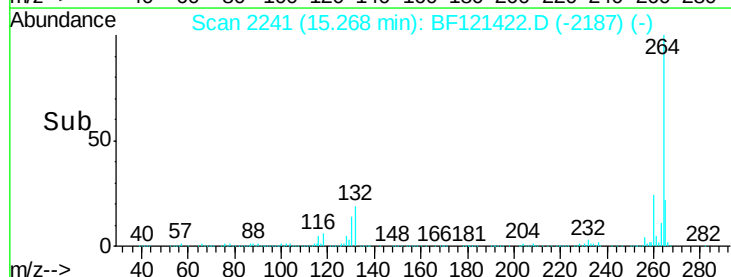
265 21.8 17.1 25.7

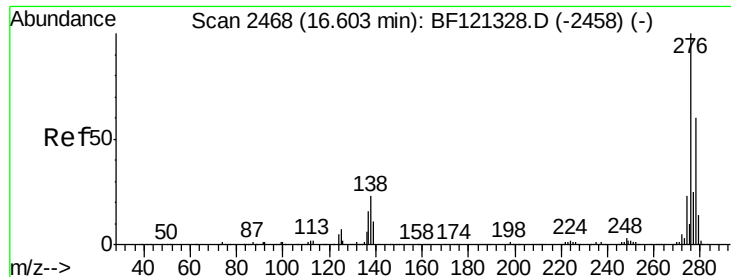


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

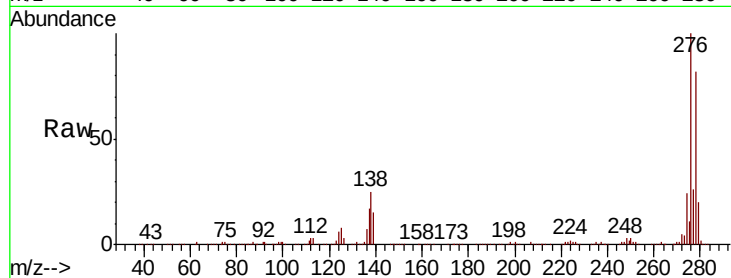




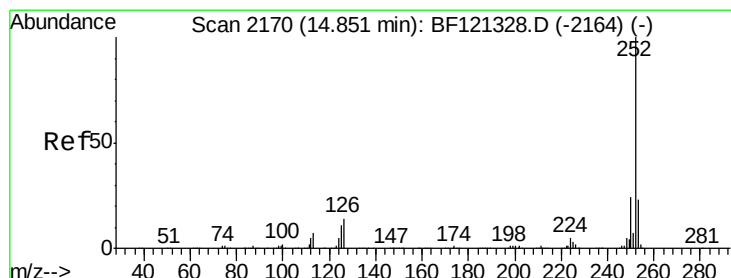
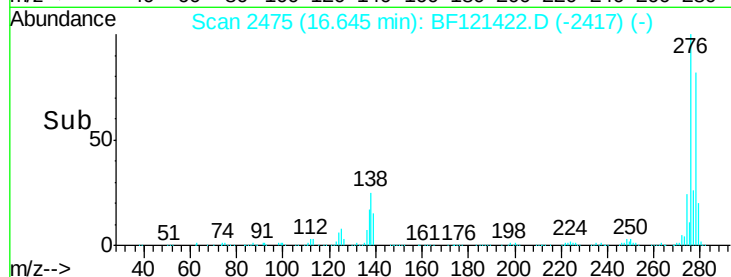
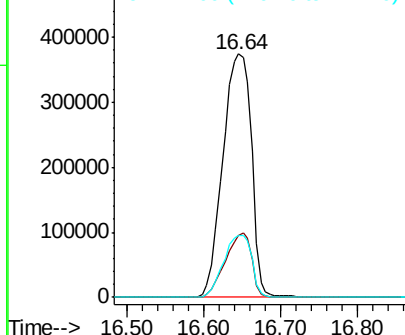
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.857 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.04 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	25.3	19.9	29.9

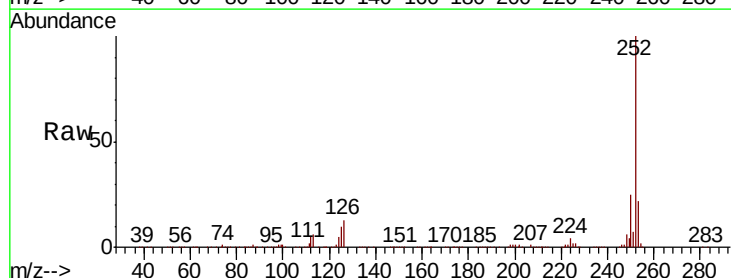


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

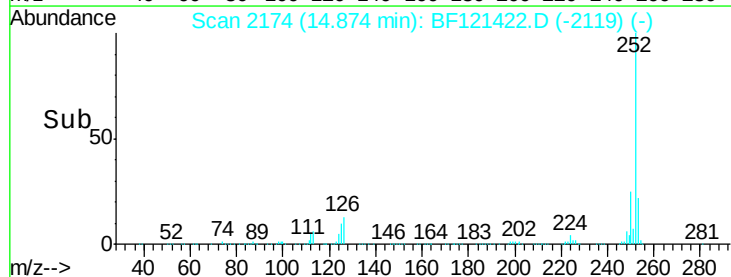
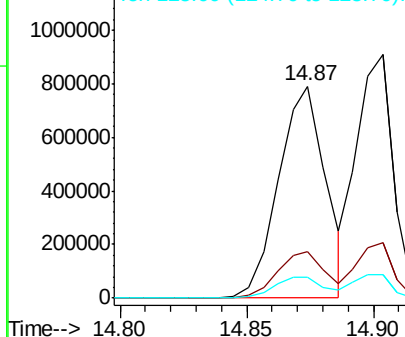


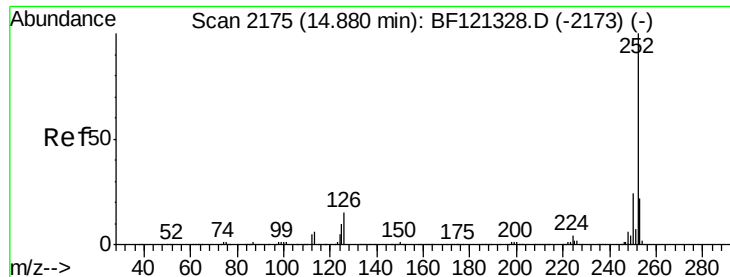
#88
 Benzo(b)fluoranthene
 Concen: 33.854 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121422.D
 Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.8	8.6	12.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

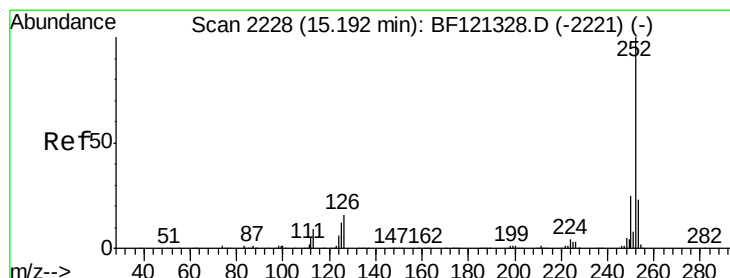
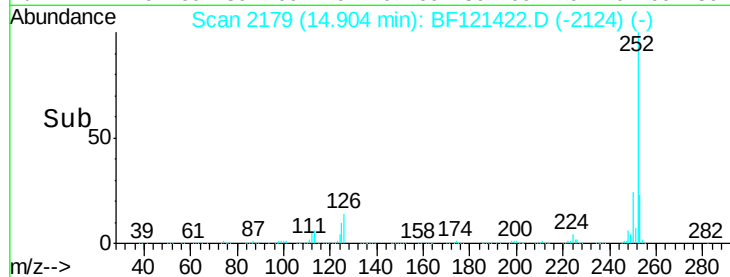
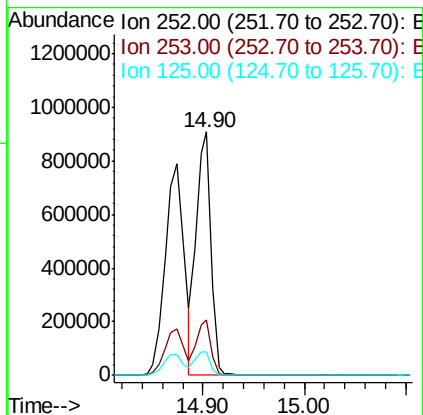
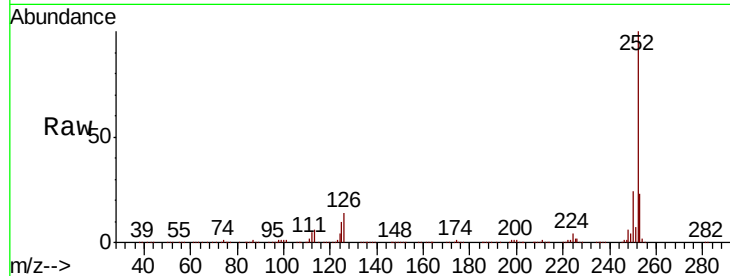




#89
Benzo(k)fluoranthene
Concen: 34.372 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

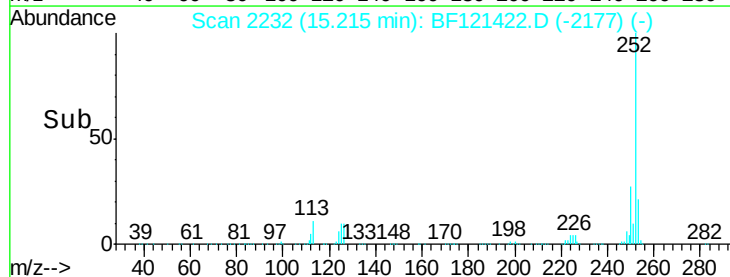
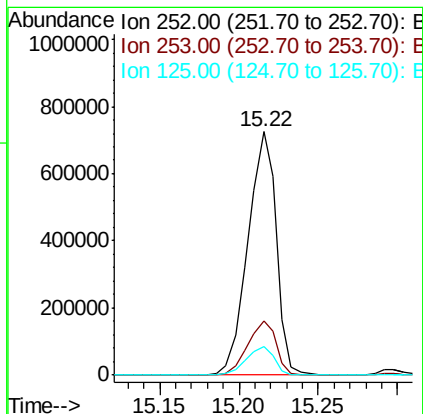
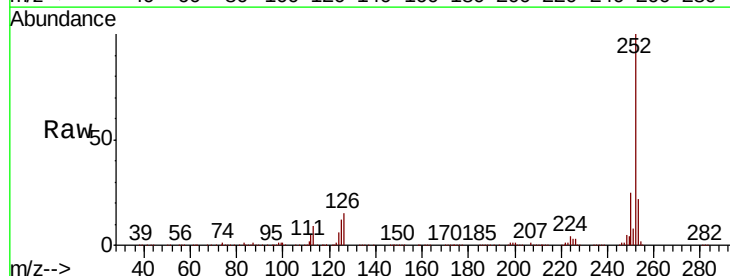
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

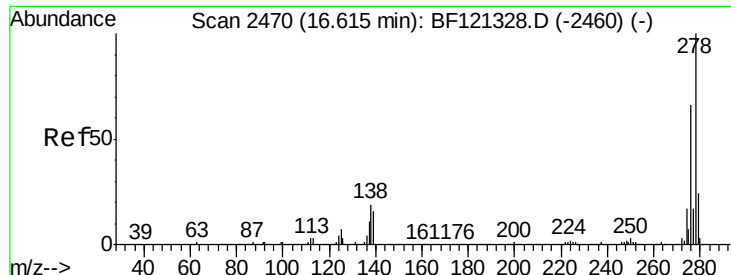
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.6	8.6	12.8



#90
Benzo(a)pyrene
Concen: 34.521 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121422.D
Acq: 25 Aug 2020 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.6	9.4	14.0





#91

Dibenzo(a,h)anthracene

Concen: 33.555 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.04 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

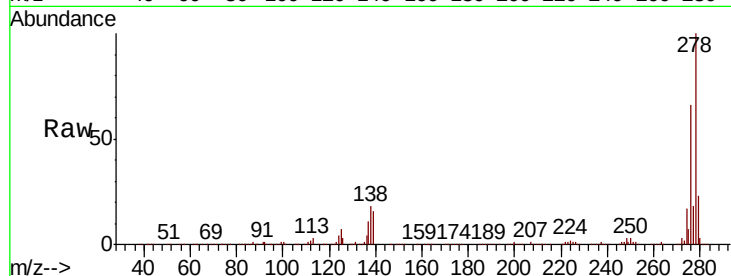
Tot Ion:278 Resp: 784733

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

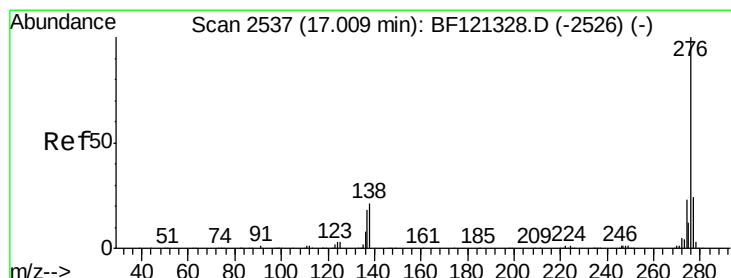
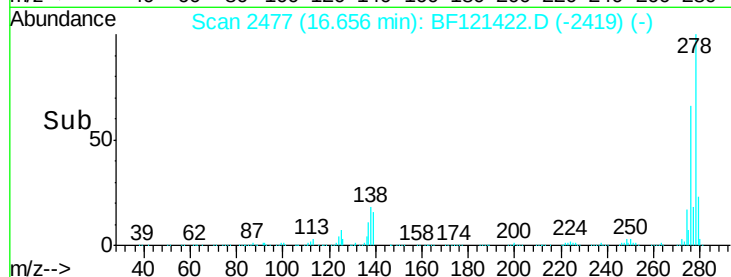
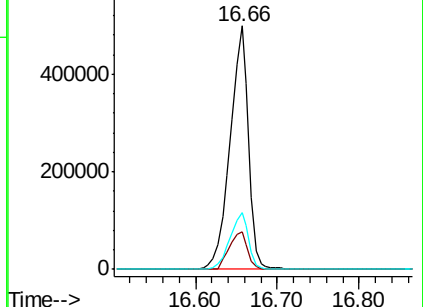
279 23.3 19.4 29.2



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: 34.196 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF121422.D

Acq: 25 Aug 2020 12:02

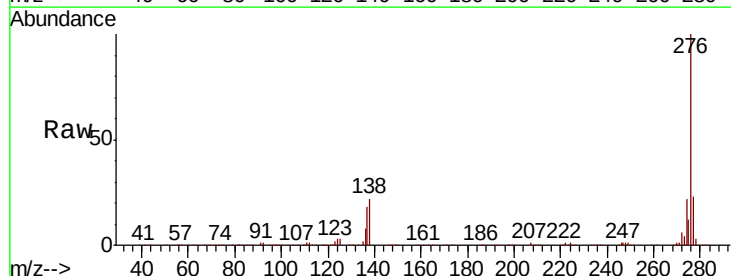
Tgt Ion:276 Resp: 781823

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 21.7 16.8 25.2



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

