

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121288.D
 Acq On : 14 Aug 2020 16:06
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 14 17:10:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83238	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	310874	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	162355	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	306564	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	255494	20.00	ng	0.00
86) Perylene-d12	15.28	264	275476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	422853	77.02	ng	0.00
7) Phenol-d6	6.35	99	537592	75.98	ng	-0.01
23) Nitrobenzene-d5	7.27	82	438795	77.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.53	330	154559	77.32	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	831364	70.83	ng	-0.01
79) Terphenyl-d14	12.82	244	956110	72.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	91629	39.217	ng	99
3) Pyridine	2.98	79	249691	41.053	ng	99
4) n-Nitrosodimethylamine	2.92	42	104717	42.039	ng	100
6) Aniline	6.37	93	323825	38.609	ng	# 90
8) 2-Chlorophenol	6.49	128	232962	38.587	ng	96
9) Benzaldehyde	6.25	77	138498	37.986	ng	99
10) Phenol	6.36	94	292181	38.069	ng	94
11) bis(2-Chloroethyl)ether	6.45	93	211849	38.240	ng	98
12) 1,3-Dichlorobenzene	6.65	146	241424	37.846	ng	98
13) 1,4-Dichlorobenzene	6.72	146	244808	37.969	ng	98
14) 1,2-Dichlorobenzene	6.88	146	231664	38.070	ng	99
15) Benzyl Alcohol	6.85	79	181066	38.204	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	304681	38.193	ng	99
17) 2-Methylphenol	6.97	107	182150	38.195	ng	100
18) Hexachloroethane	7.22	117	87355	38.312	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	144901	36.861	ng	97
20) 3+4-Methylphenols	7.12	107	224835	37.160	ng	# 87
22) Acetophenone	7.12	105	293225	36.621	ng	# 96
24) Nitrobenzene	7.29	77	240019	38.888	ng	96
25) Isophorone	7.53	82	432645	37.884	ng	98
26) 2-Nitrophenol	7.61	139	120932	40.439	ng	96
27) 2,4-Dimethylphenol	7.65	122	185393	38.692	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	243439	38.110	ng	99
29) 2,4-Dichlorophenol	7.86	162	190331	38.845	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	204658	37.844	ng	98
31) Naphthalene	8.02	128	661764	37.837	ng	99
32) Benzoic acid	7.77	122	96551	38.198	ng	98
33) 4-Chloroaniline	8.07	127	269180	37.714	ng	98
34) Hexachlorobutadiene	8.13	225	122926	37.569	ng	99
35) Caprolactam	8.43	113	59349	40.214	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	192232	38.454	ng	99
37) 2-Methylnaphthalene	8.70	142	431811	37.519	ng	99
38) 1-Methylnaphthalene	8.80	142	410620	37.681	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	206106	37.887	ng	99

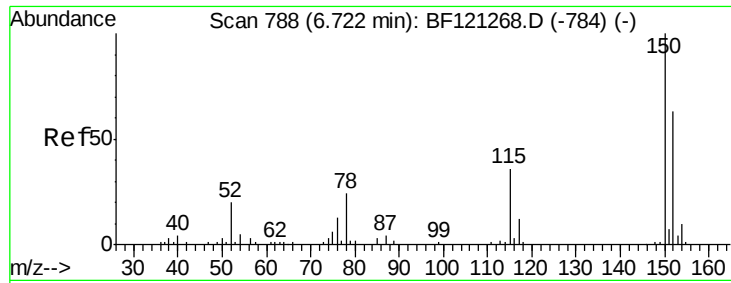
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
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 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	63699	41.260	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	137331	39.694	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	148822	39.603	ng	97
46) 1,1'-Biphenyl	9.17	154	521674	37.187	ng	99
47) 2-Chloronaphthalene	9.19	162	399207	36.968	ng	98
48) 2-Nitroaniline	9.29	65	118339	38.987	ng	98
49) Acenaphthylene	9.61	152	636548	37.113	ng	99
50) Dimethylphthalate	9.47	163	449900	36.826	ng	100
51) 2,6-Dinitrotoluene	9.53	165	108834	39.964	ng	99
52) Acenaphthene	9.78	154	378030	37.226	ng	100
53) 3-Nitroaniline	9.70	138	122133	39.278	ng	100
54) 2,4-Dinitrophenol	9.82	184	44151	41.933	ng	91
55) Dibenzofuran	9.95	168	591316	36.565	ng	99
56) 4-Nitrophenol	9.87	139	85485	42.600	ng	95
57) 2,4-Dinitrotoluene	9.94	165	139253	38.963	ng	# 97
58) Fluorene	10.29	166	444362	36.300	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	121966	41.050	ng	97
60) Diethylphthalate	10.17	149	456224	36.723	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	212606	35.710	ng	99
62) 4-Nitroaniline	10.32	138	123056	39.472	ng	99
63) Azobenzene	10.45	77	456502	36.776	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	73929	40.046	ng	84
66) n-Nitrosodiphenylamine	10.40	169	405889	38.613	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	136354	38.131	ng	97
68) Hexachlorobenzene	10.84	284	154977	38.006	ng	98
69) Atrazine	10.93	200	117264	37.296	ng	98
70) Pentachlorophenol	11.04	266	76925	45.341	ng	98
71) Phenanthrene	11.25	178	662333	37.765	ng	99
72) Anthracene	11.30	178	670312	38.087	ng	100
73) Carbazole	11.46	167	652430	37.905	ng	100
74) Di-n-butylphthalate	11.80	149	713331	36.716	ng	99
75) Fluoranthene	12.44	202	734340	37.603	ng	99
77) Benzidine	12.56	184	326898	48.670	ng	99
78) Pyrene	12.67	202	762322	40.067	ng	99
80) Butylbenzylphthalate	13.29	149	305400	39.297	ng	96
81) Benzo(a)anthracene	13.86	228	655029	37.800	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	272888	39.691	ng	98
83) Chrysene	13.89	228	681170	38.500	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	376141	35.114	ng	100
85) Di-n-octyl phthalate	14.46	149	718187	36.568	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	740734	36.166	ng	100
88) Benzo(b)fluoranthene	14.88	252	710284	38.481	ng	99
89) Benzo(k)fluoranthene	14.90	252	643764	37.558	ng	99
90) Benzo(a)pyrene	15.22	252	634623	38.093	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	636002	36.240	ng	99
92) Benzo(g,h,i)perylene	17.06	276	619891	35.793	ng	99

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

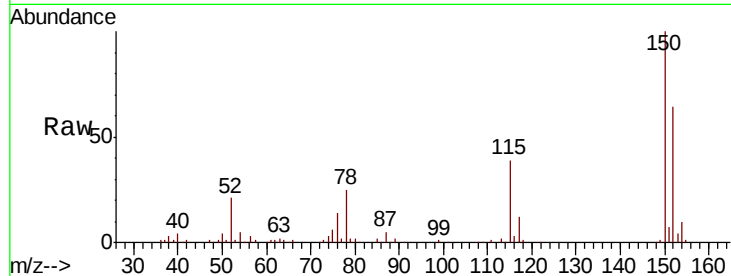


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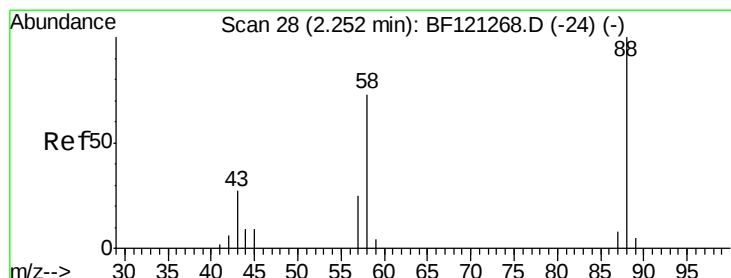
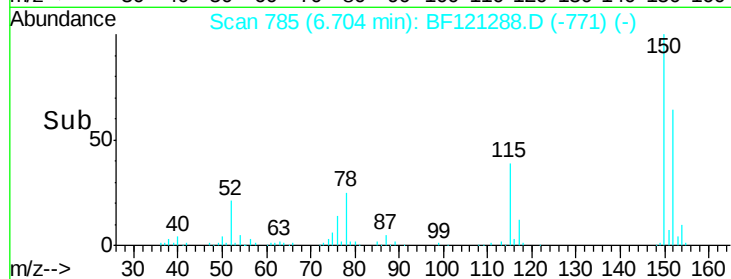
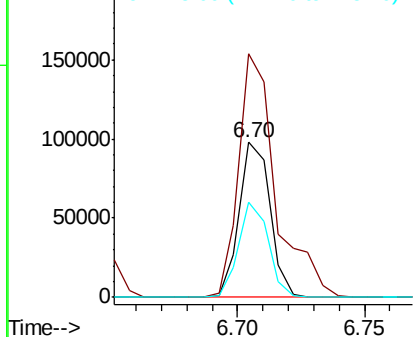
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 83238
Ion Ratio Lower Upper
152 100
150 157.3 129.0 193.6
115 61.1 49.0 73.4



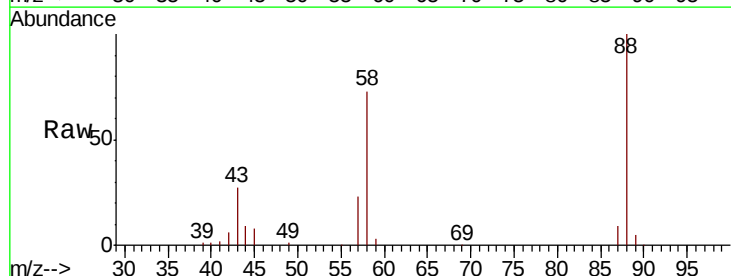
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



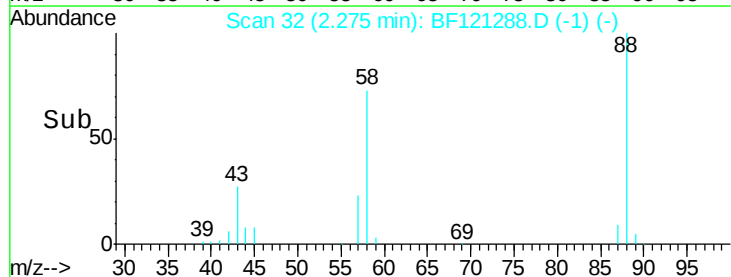
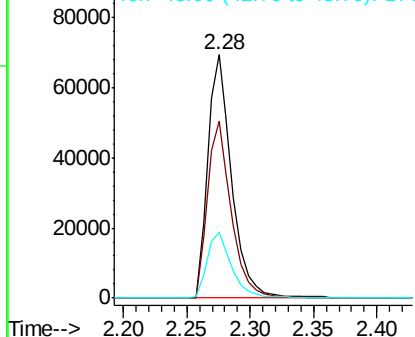
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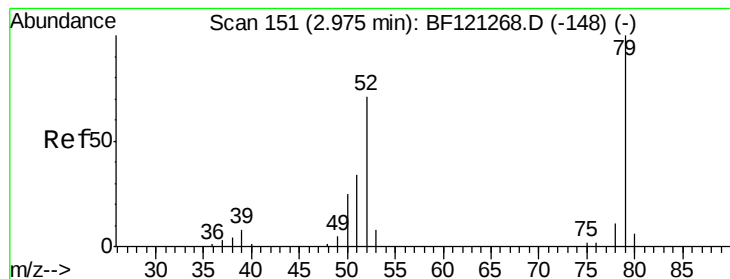
1,4-Dioxane
Concen: 39.217 ng
RT: 2.28 min Scan# 32
Delta R.T. 0.02 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion: 88 Resp: 91629
Ion Ratio Lower Upper
88 100
58 72.6 58.6 87.8
43 27.8 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: 41.053 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

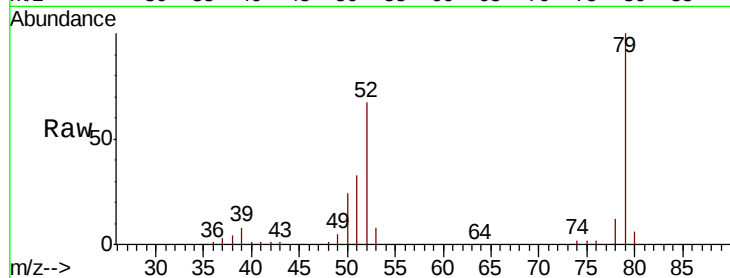
Tot Ion: 79 Resp: 249691

Ion Ratio Lower Upper

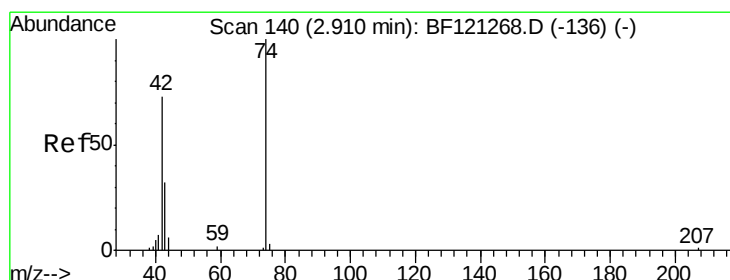
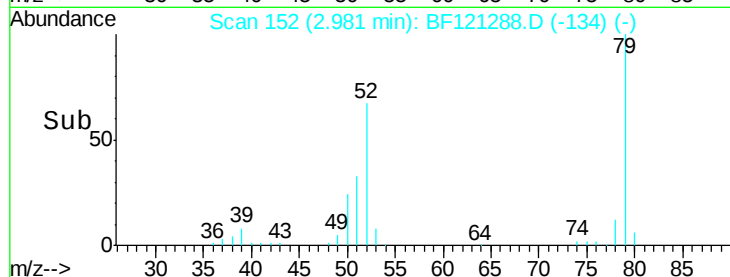
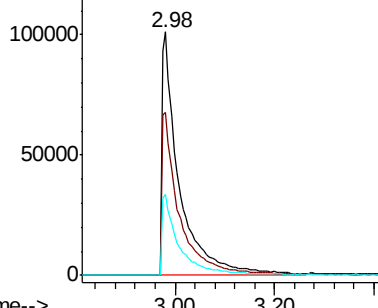
79 100

52 66.9 53.8 80.8

51 33.4 26.0 39.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.039 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

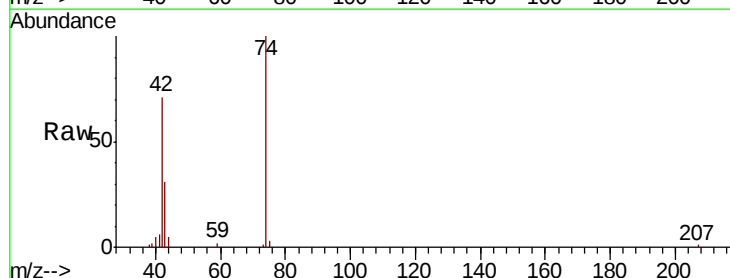
Tgt Ion: 42 Resp: 104717

Ion Ratio Lower Upper

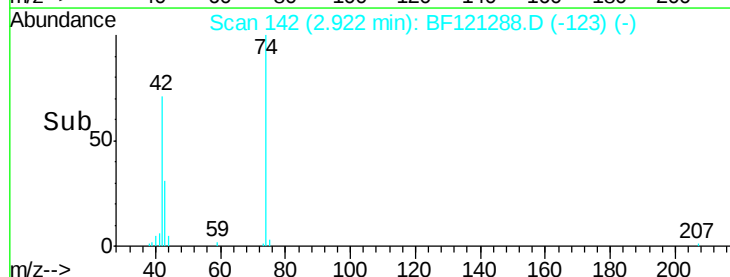
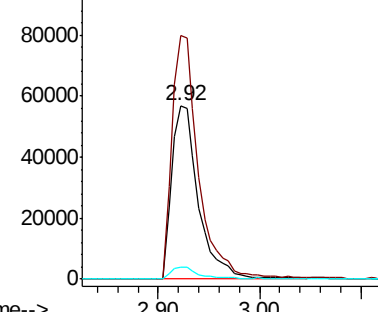
42 100

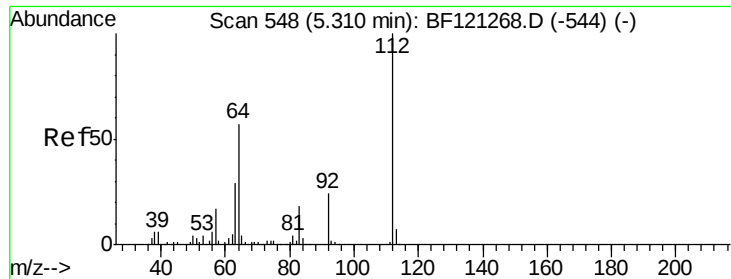
74 140.4 111.8 167.8

44 7.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.017 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

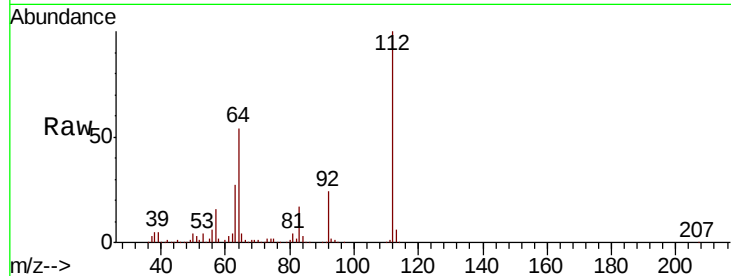
Tot Ion:112 Resp: 422853

Ion Ratio Lower Upper

112 100

64 53.6 45.4 68.2

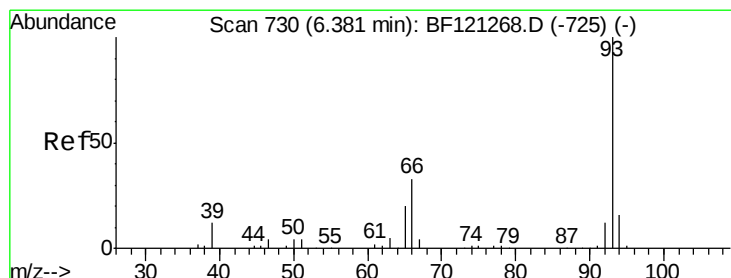
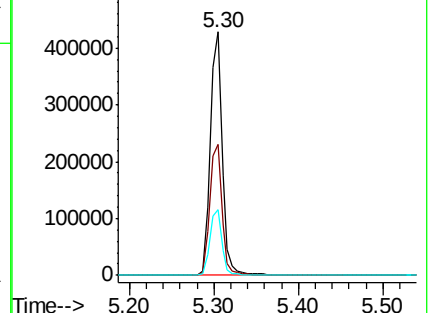
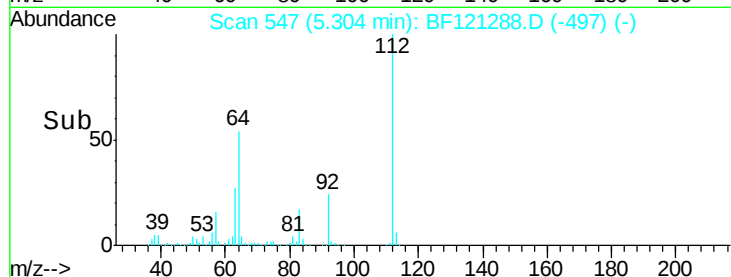
63 26.9 23.0 34.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.609 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

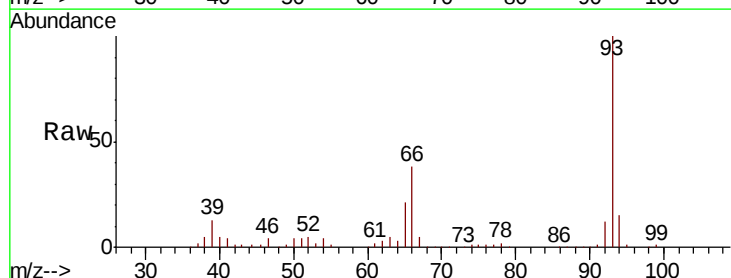
Tgt Ion: 93 Resp: 323825

Ion Ratio Lower Upper

93 100

66 38.4 36.2 54.4

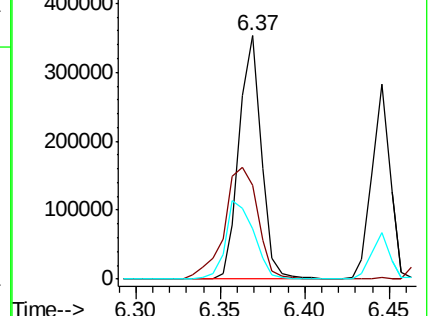
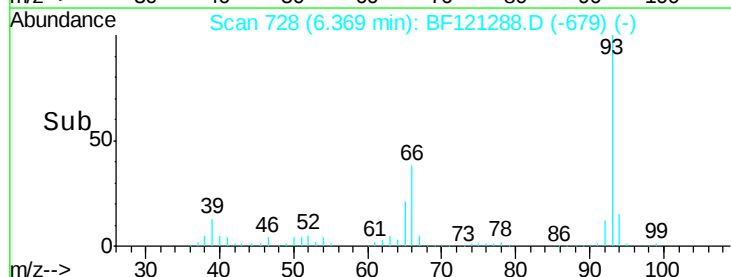
65 20.7 20.7 31.1#

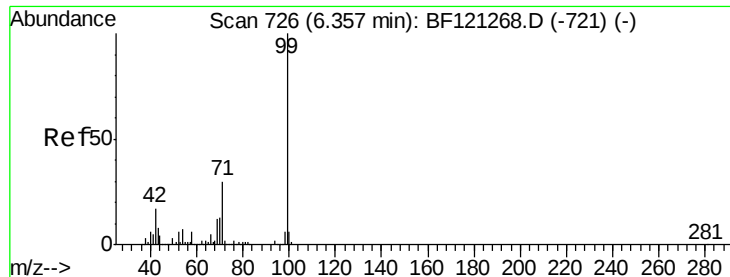


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.983 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

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ClientSampleId :

SSTDCCC040

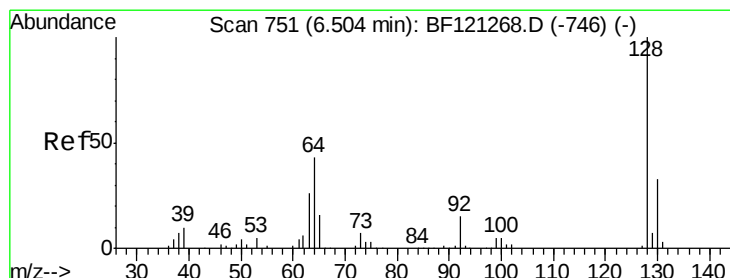
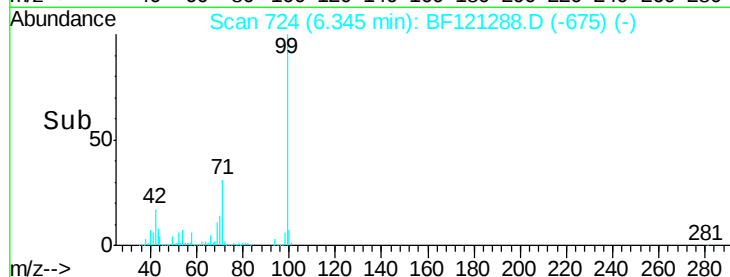
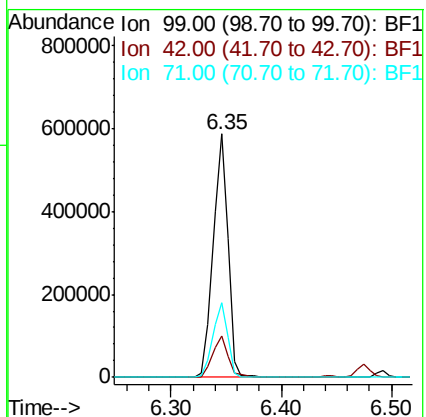
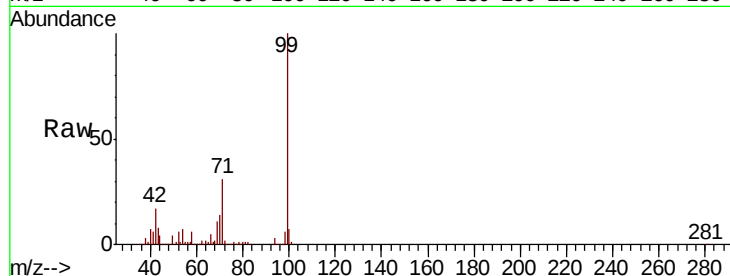
Tot Ion: 99 Resp: 537592

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 30.7 23.7 35.5



#8

2-Chlorophenol

Concen: 38.587 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

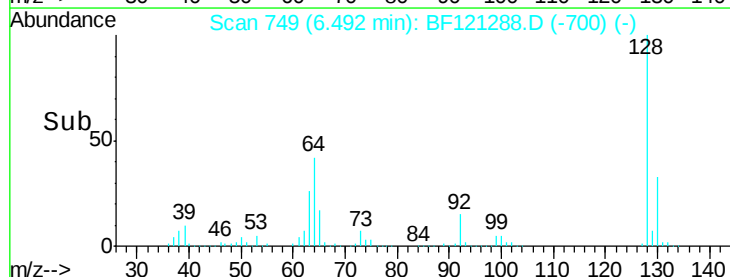
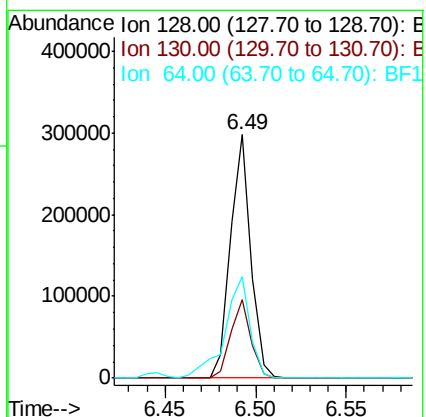
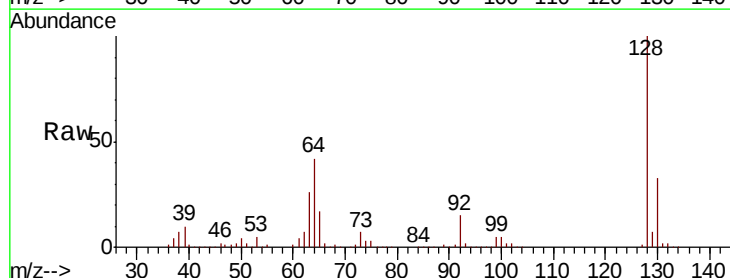
Tgt Ion: 128 Resp: 232962

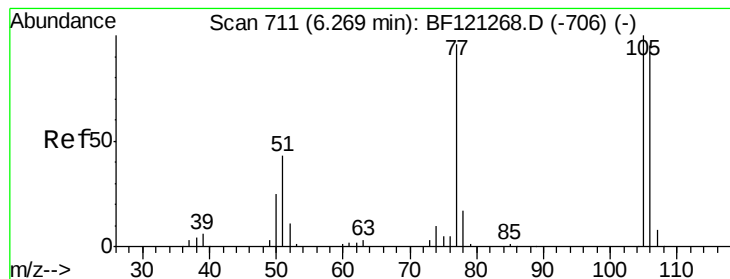
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 41.7 26.3 66.3





#9

Benzaldehyde

Concen: 37.986 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

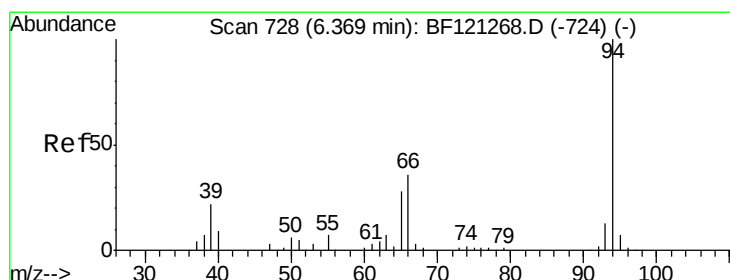
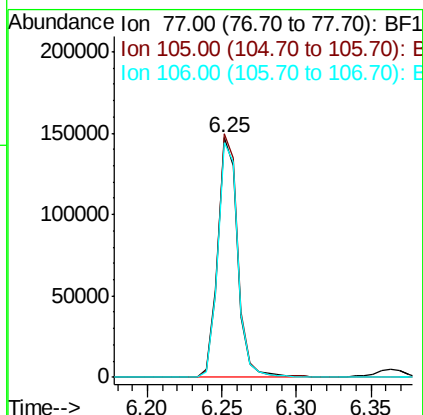
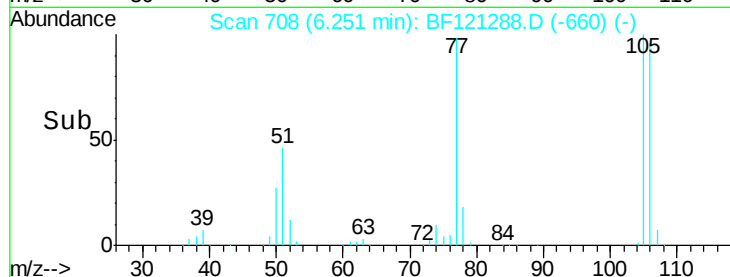
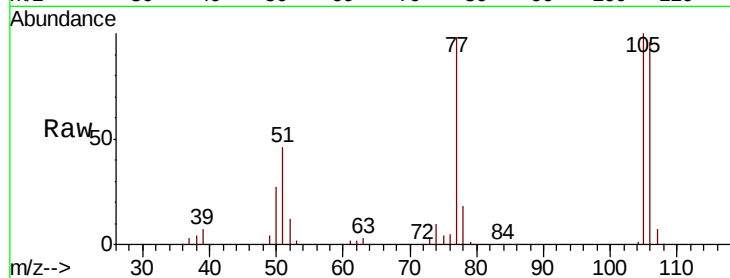
Tot Ion: 77 Resp: 138498

Ion Ratio Lower Upper

77 100

105 101.6 80.8 120.8

106 97.9 79.4 119.4



#10

Phenol

Concen: 38.069 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

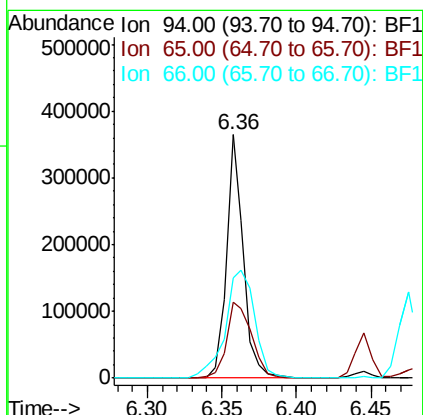
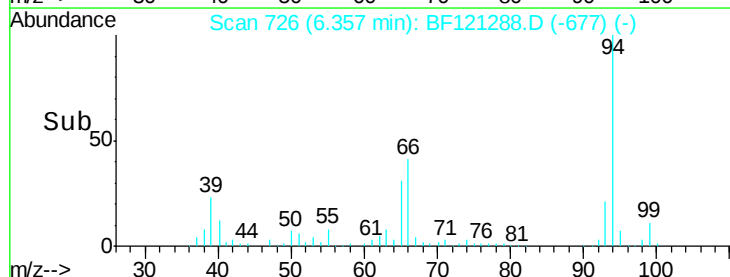
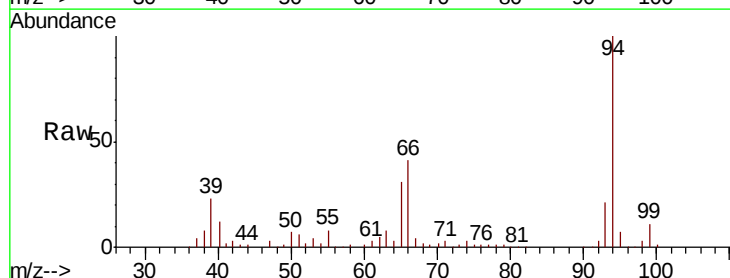
Tgt Ion: 94 Resp: 292181

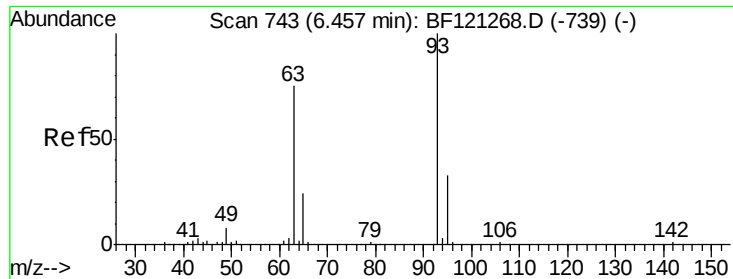
Ion Ratio Lower Upper

94 100

65 31.3 13.0 53.0

66 41.1 26.1 66.1

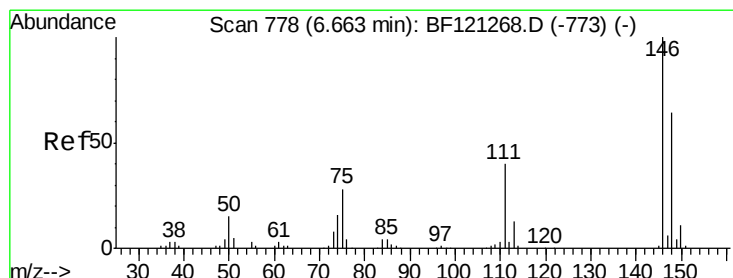
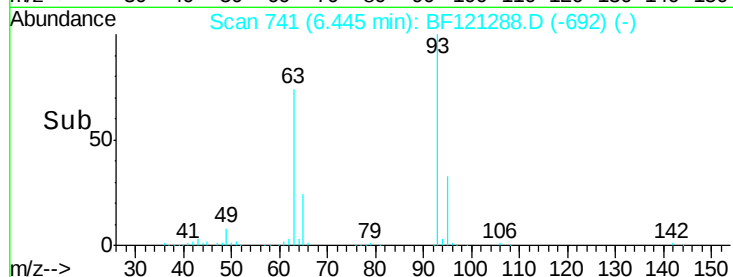
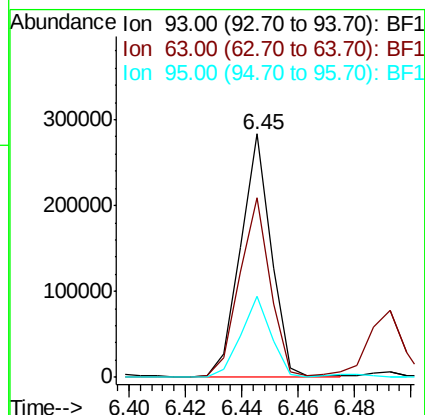
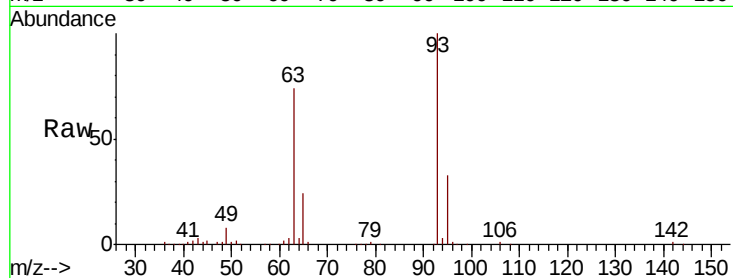




#11
 bis(2-Chloroethyl)ether
 Concen: 38.240 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

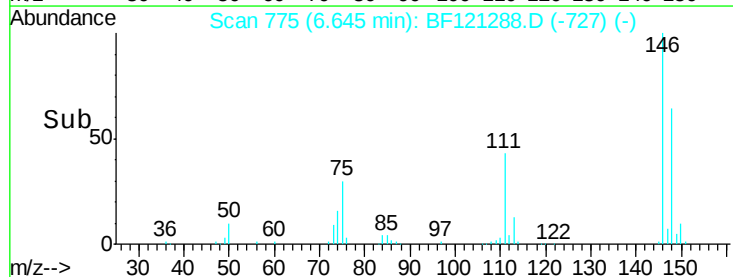
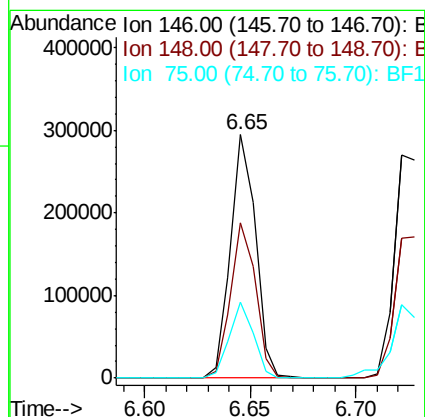
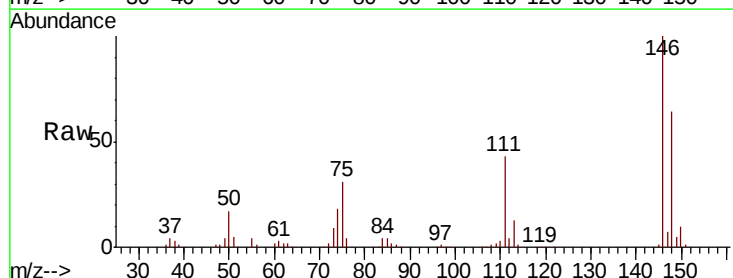
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

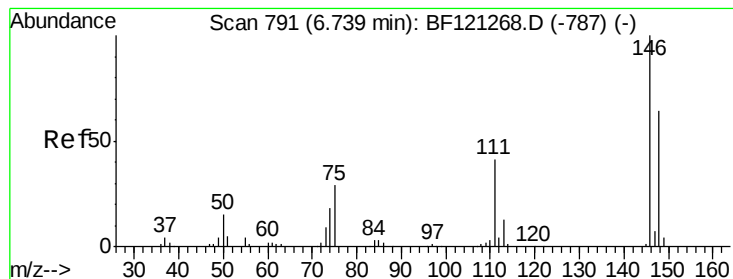
Tot Ion	93	Resp	211849
Ion Ratio	Lower	Upper	
93	100		
63	73.7	51.2	91.2
95	33.2	12.9	52.9



#12
 1,3-Dichlorobenzene
 Concen: 37.846 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion	146	Resp	241424
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.3	76.9
75	31.0	22.5	33.7





#13

1,4-Dichlorobenzene

Concen: 37.969 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

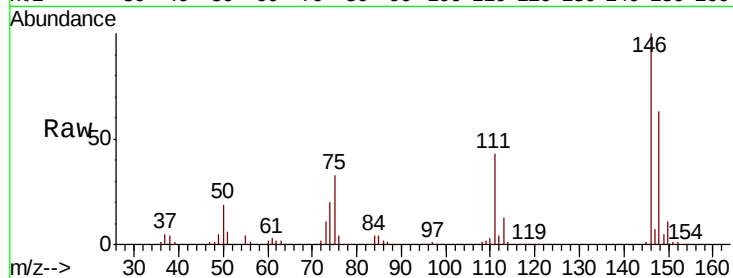
Tot Ion:146 Resp: 244808

Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

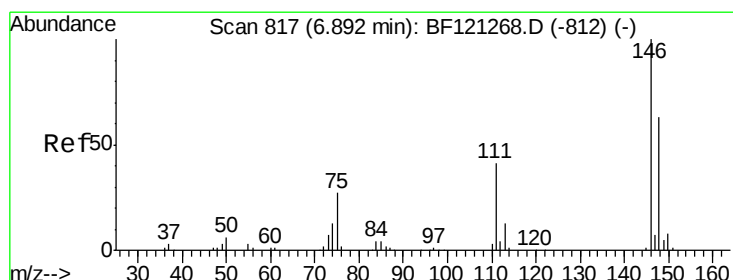
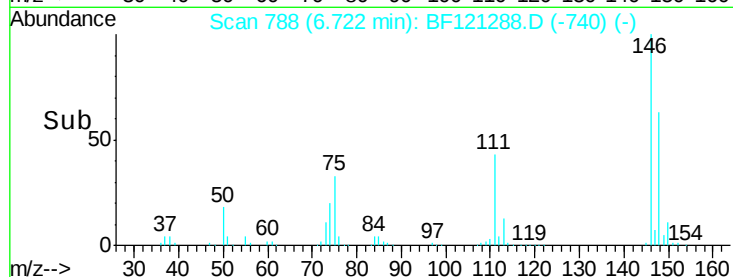
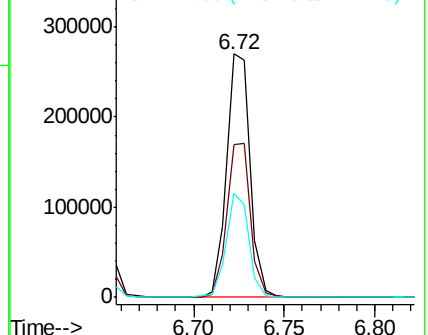
111 42.6 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.070 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

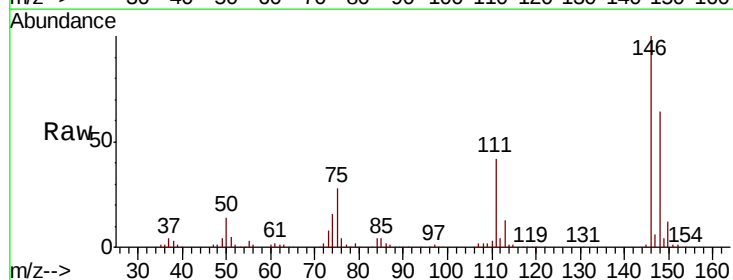
Tgt Ion:146 Resp: 231664

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

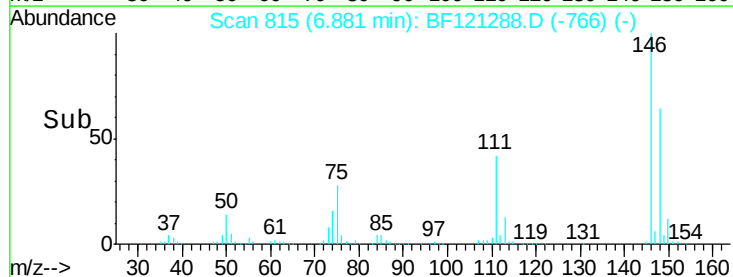
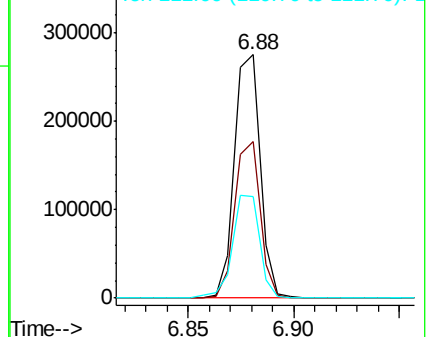
111 41.7 34.2 51.4

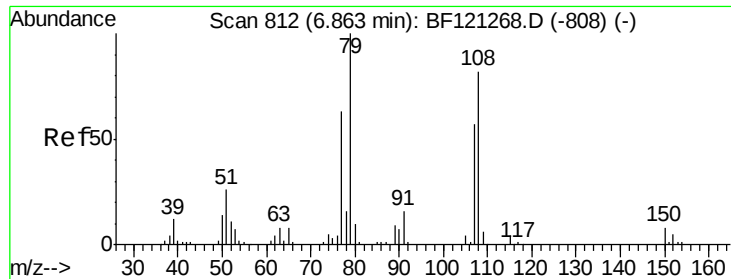


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.204 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

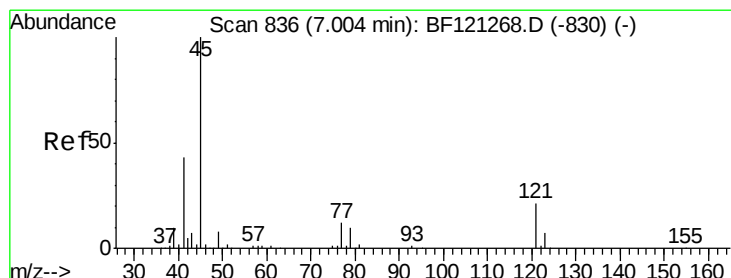
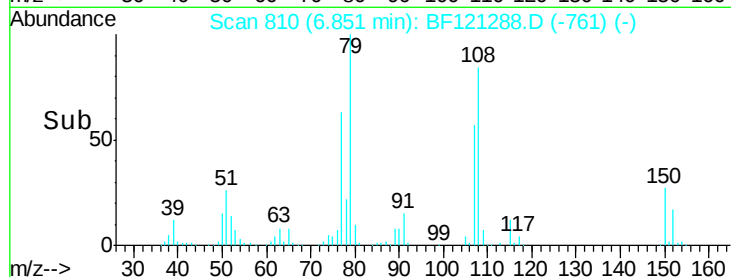
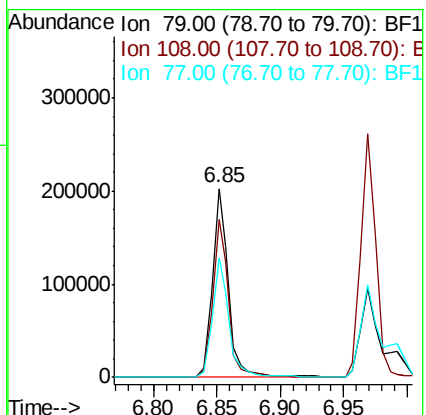
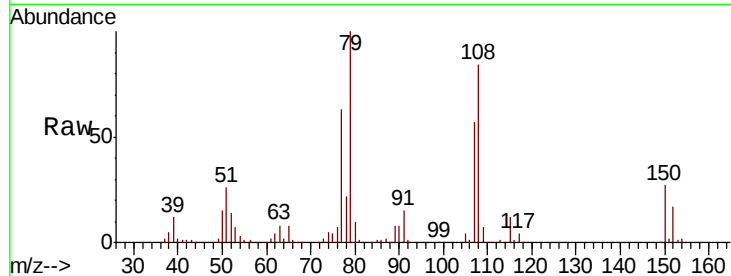
Tot Ion: 79 Resp: 181066

Ion Ratio Lower Upper

79 100

108 83.7 67.4 101.0

77 63.4 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.193 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

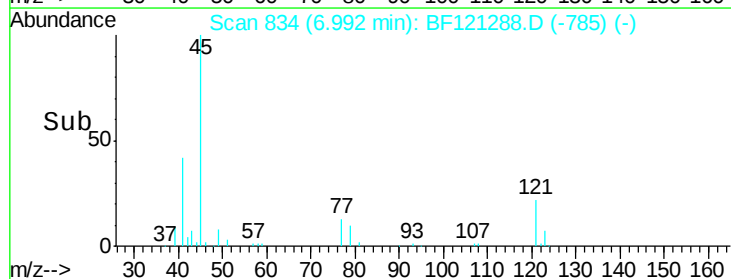
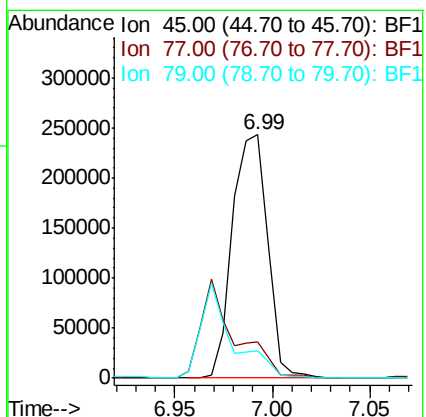
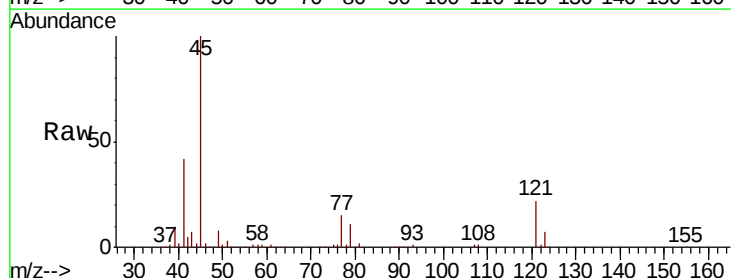
Tgt Ion: 45 Resp: 304681

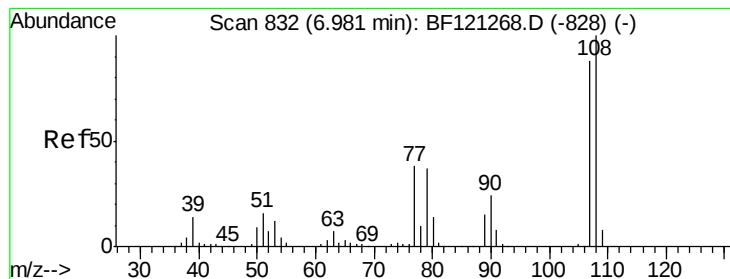
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.1

79 11.5 0.0 32.0

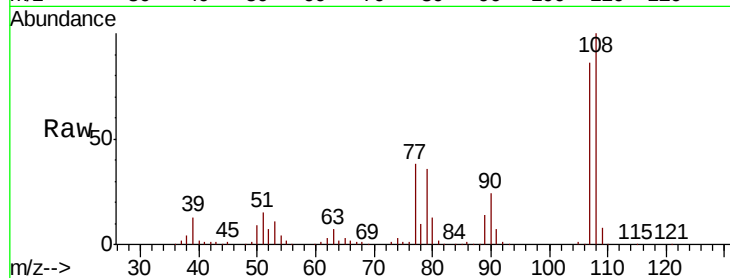




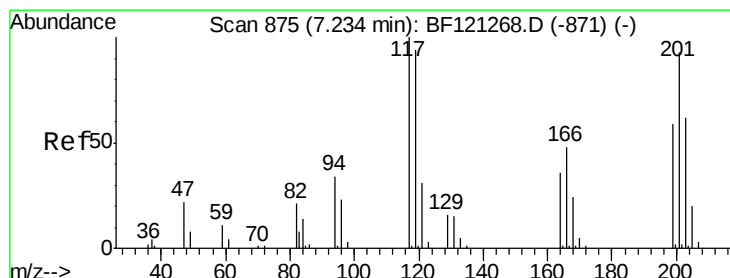
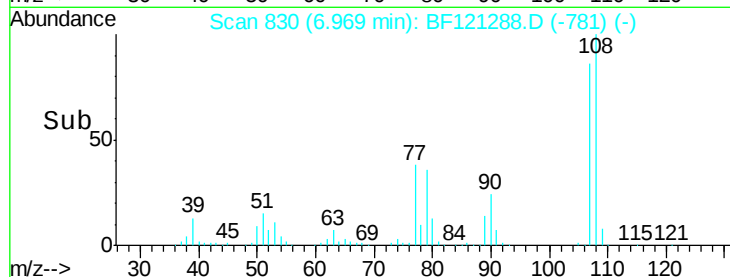
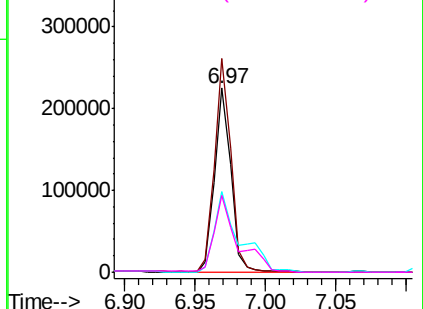
#17
2-Methylphenol
Concen: 38.195 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	182150
Ion	Ratio	Lower	Upper
107	100		
108	116.0	92.6	138.8
77	44.0	35.0	52.6
79	42.1	33.4	50.2

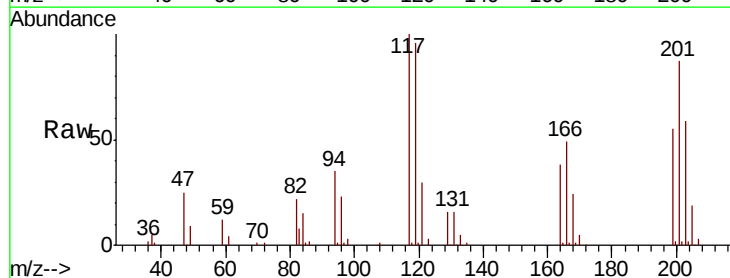


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

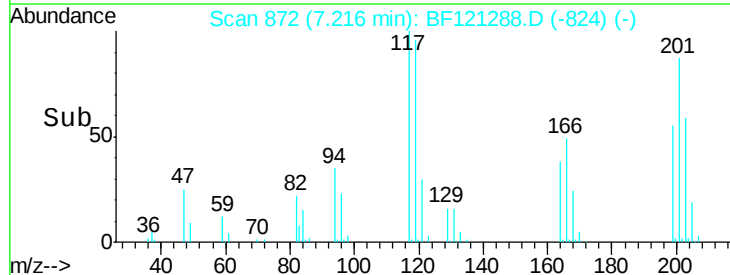
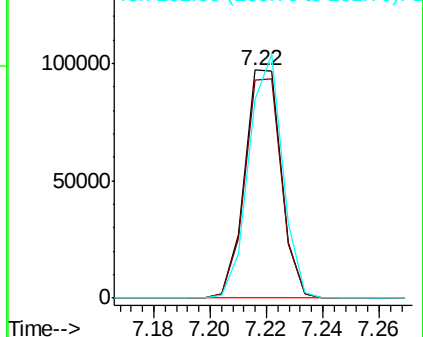


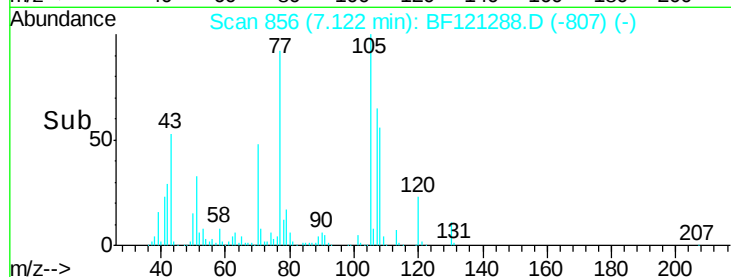
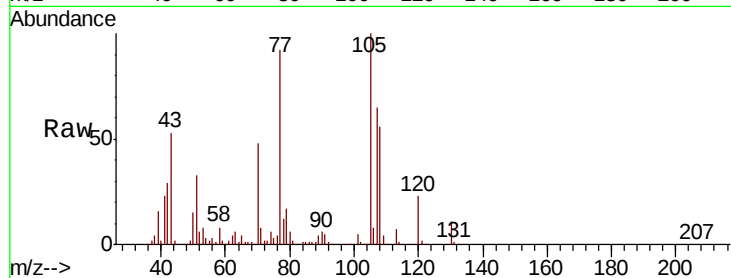
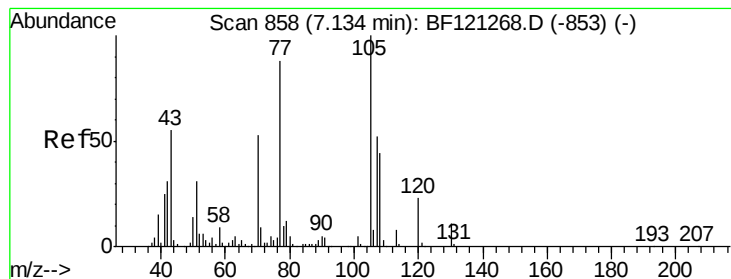
#18
Hexachloroethane
Concen: 38.312 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:	117	Resp:	87355
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.2
201	87.4	74.8	112.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.861 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 144901

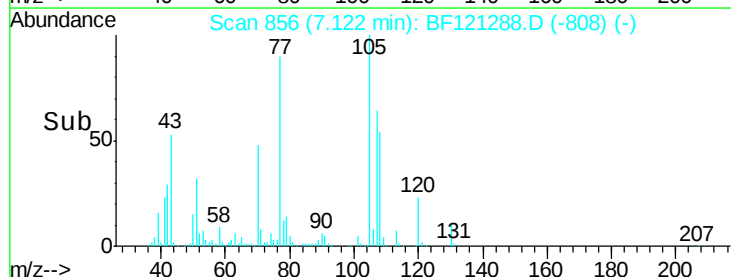
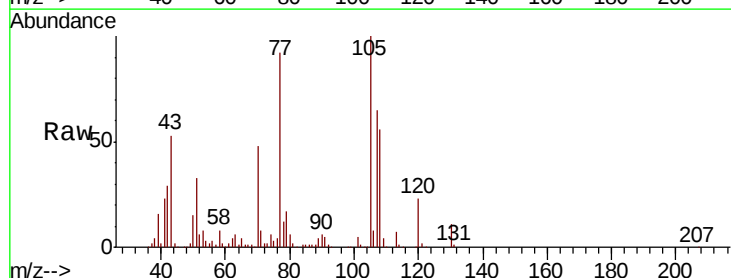
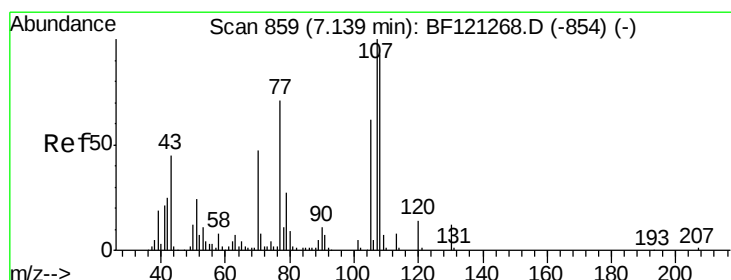
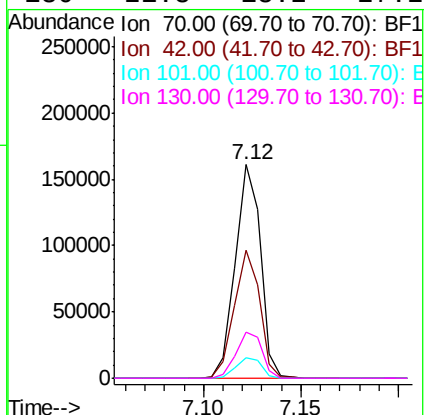
Ion Ratio Lower Upper

70 100

42 60.0 45.6 68.4

101 9.6 7.8 11.8

130 21.8 18.2 27.2



#20

3+4-Methylphenols

Concen: 37.160 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Tgt Ion:107 Resp: 224835

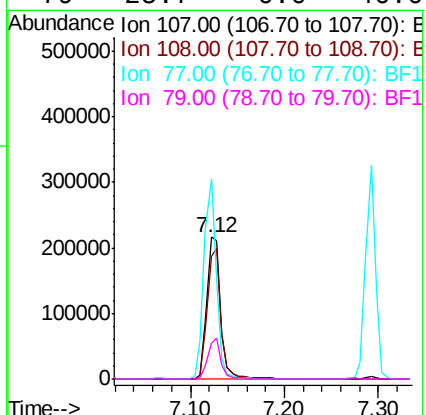
Ion Ratio Lower Upper

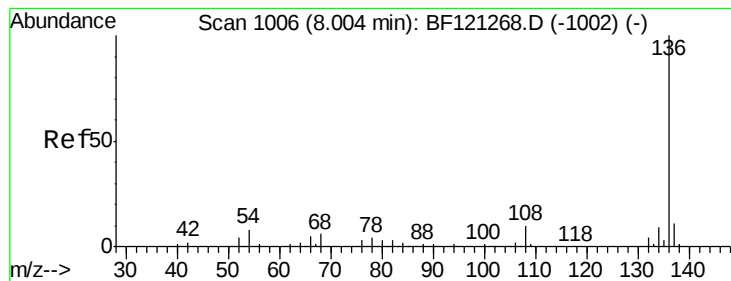
107 100

108 86.8 66.5 106.5

77 141.0 94.4 134.4#

79 25.7 6.0 46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 310874

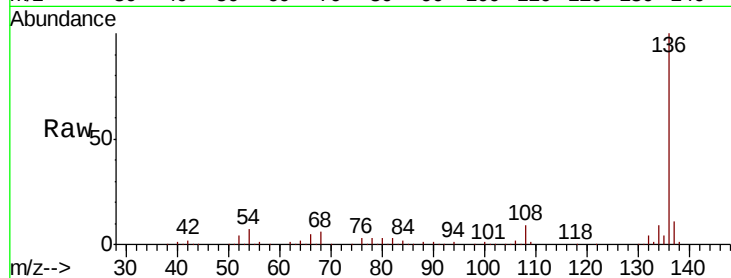
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.1 5.3 7.9

68 5.8 4.2 6.2

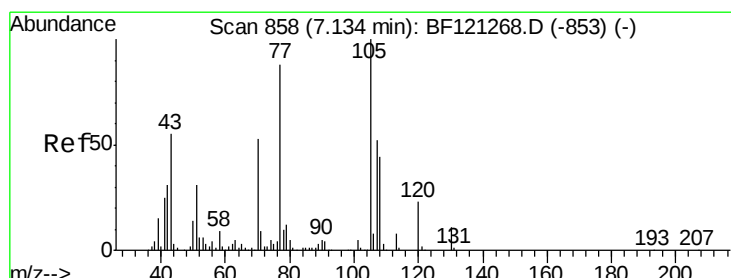
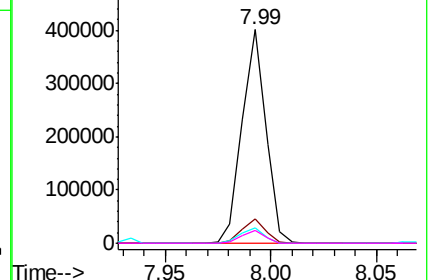
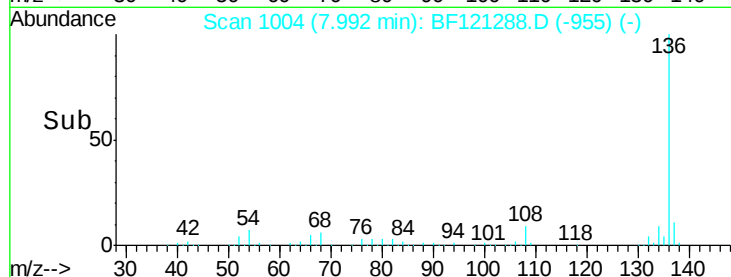


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.621 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Tgt Ion:105 Resp: 293225

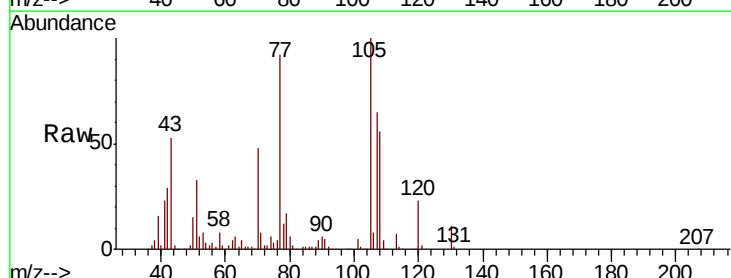
Ion Ratio Lower Upper

105 100

71 7.8 4.6 7.0#

51 32.8 24.2 36.2

120 23.2 17.8 26.6

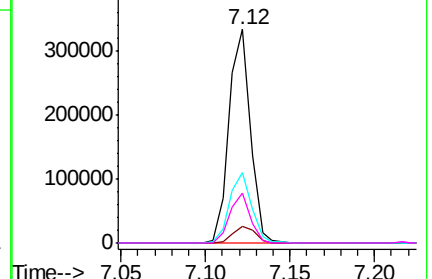
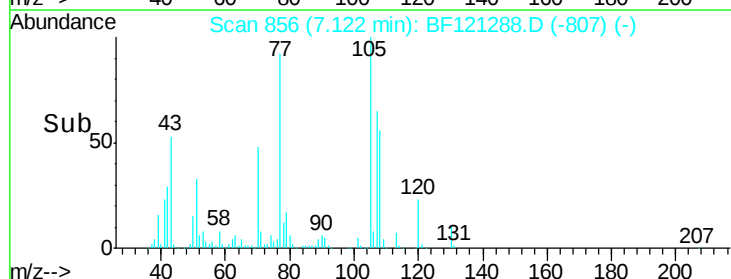


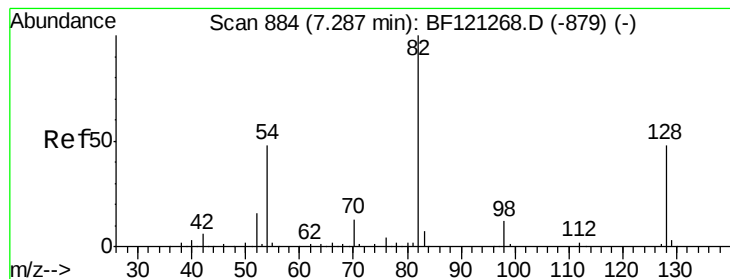
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.142 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

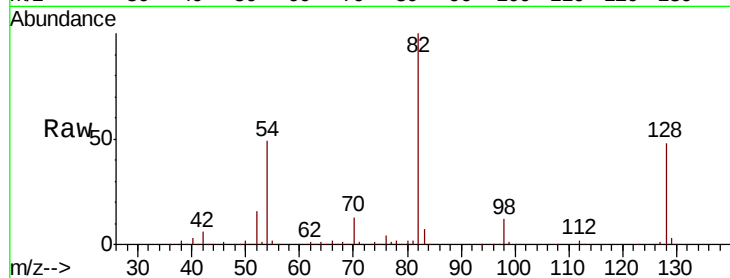
Tot Ion: 82 Resp: 438795

Ion Ratio Lower Upper

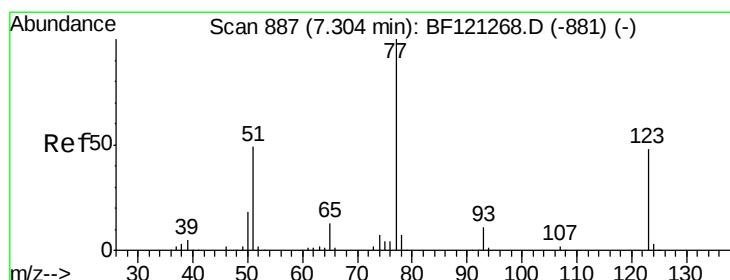
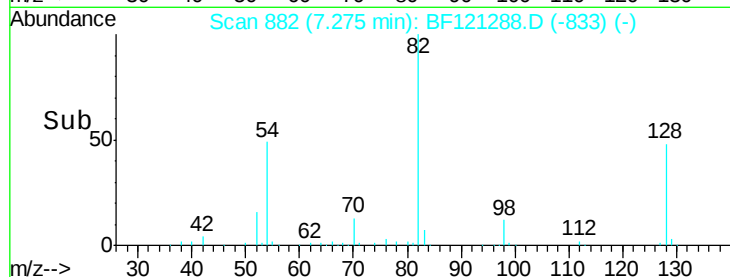
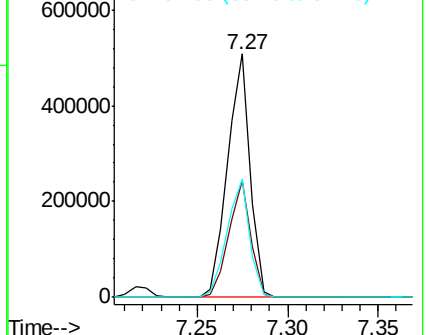
82 100

128 48.0 39.8 59.8

54 48.6 37.7 56.5



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: 38.888 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

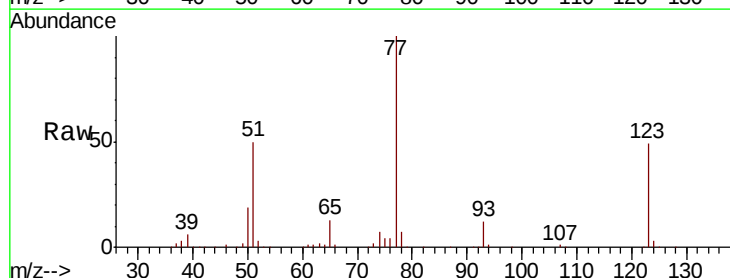
Tgt Ion: 77 Resp: 240019

Ion Ratio Lower Upper

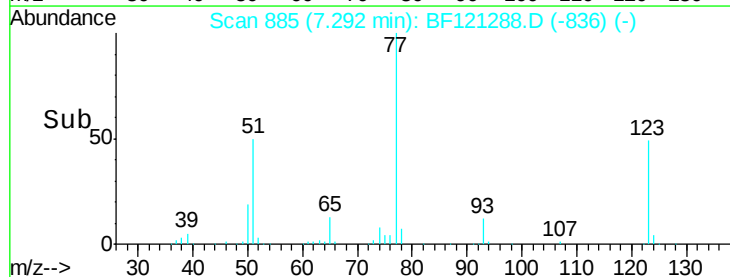
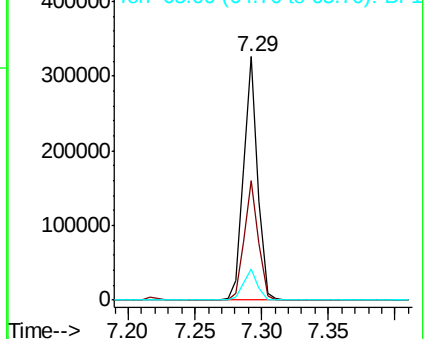
77 100

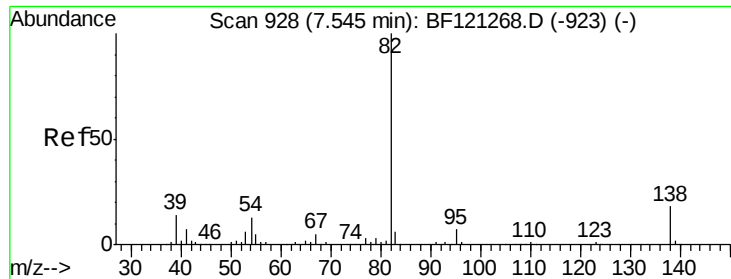
123 49.1 42.0 63.0

65 13.0 10.4 15.6



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: 37.884 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

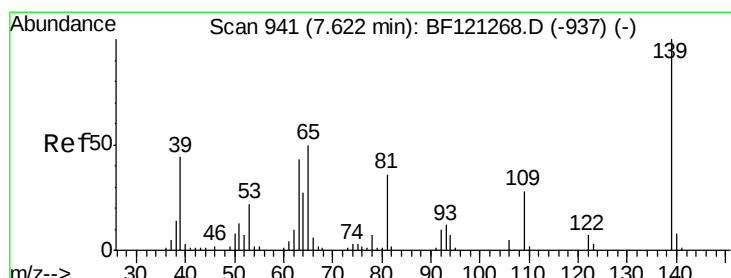
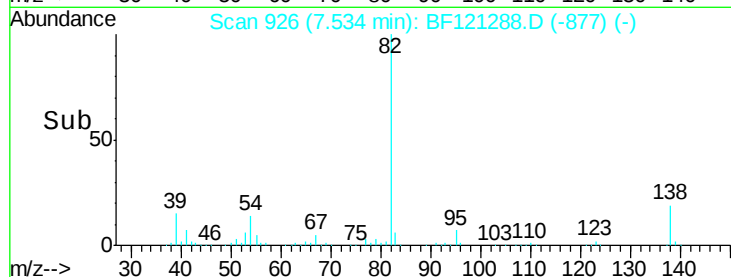
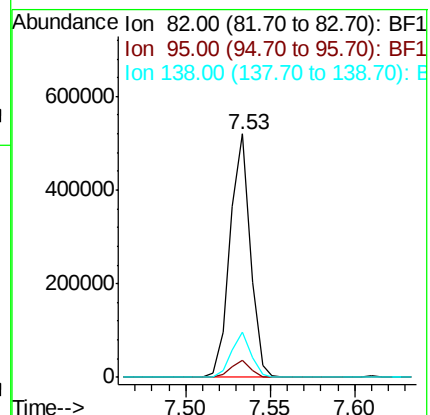
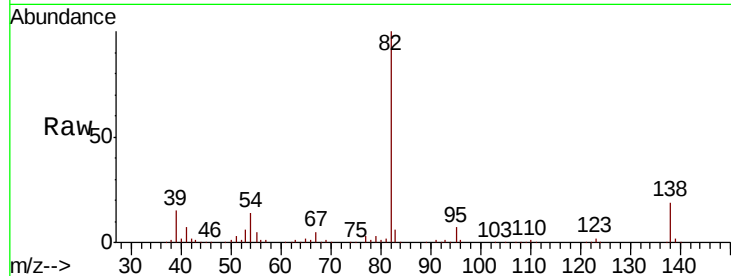
Tot Ion: 82 Resp: 432645

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.7 16.0 24.0



#26

2-Nitrophenol

Concen: 40.439 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

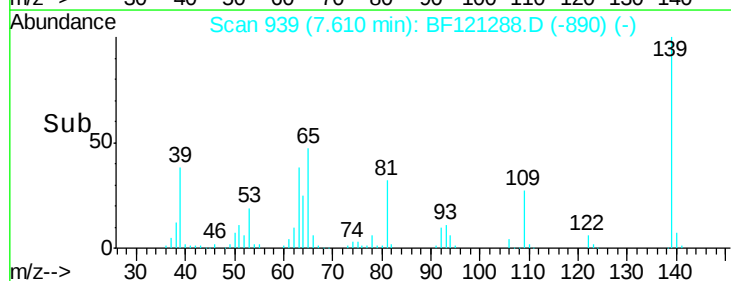
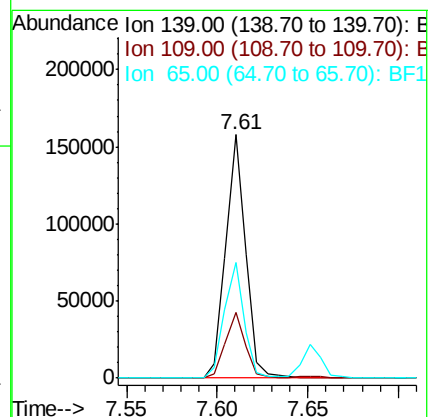
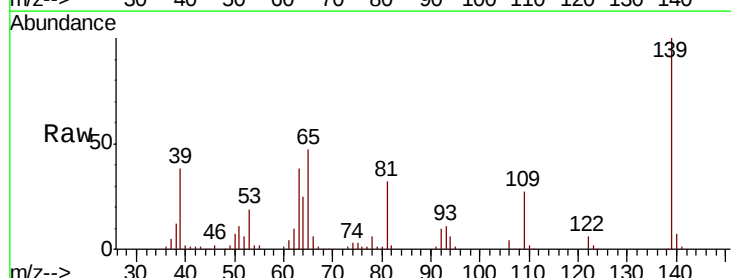
Tgt Ion: 139 Resp: 120932

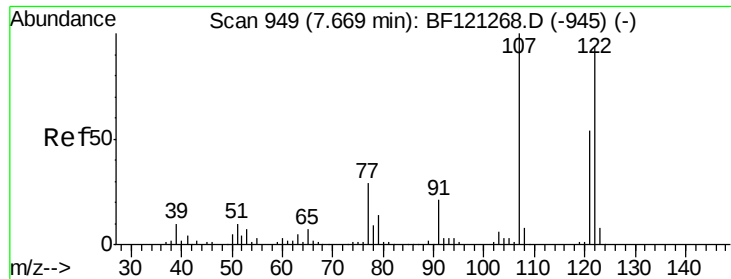
Ion Ratio Lower Upper

139 100

109 26.8 20.6 31.0

65 47.3 35.1 52.7

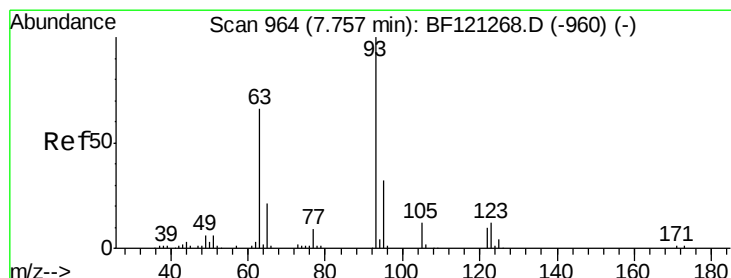
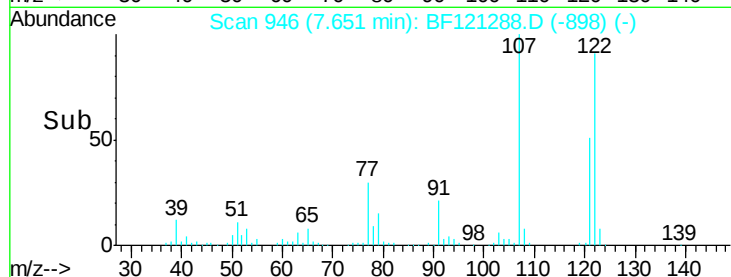
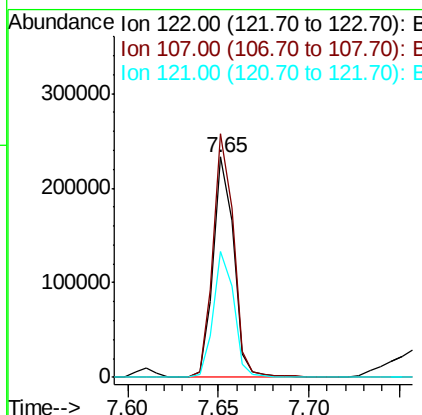
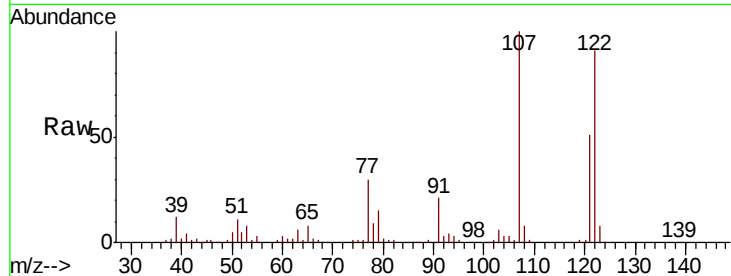




#27
2,4-Dimethylphenol
Concen: 38.692 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

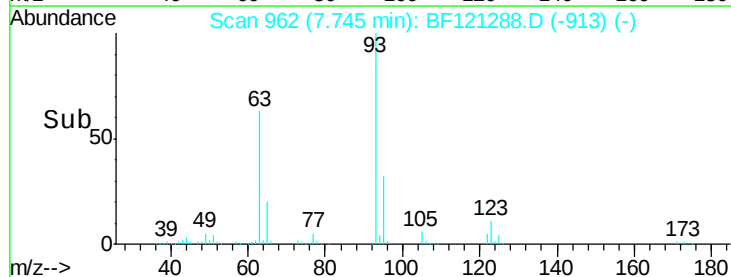
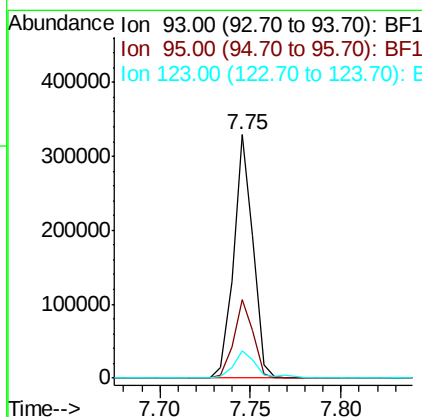
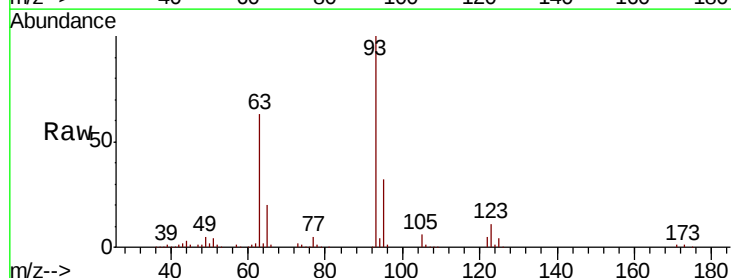
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

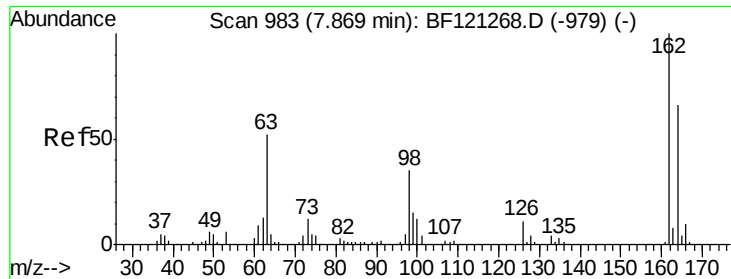
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	89.0	133.4
121	56.8	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.110 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.2	9.6	14.4

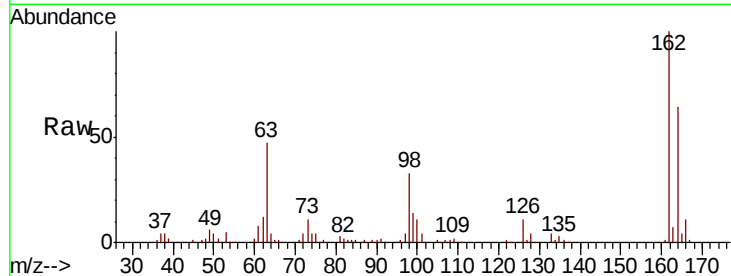




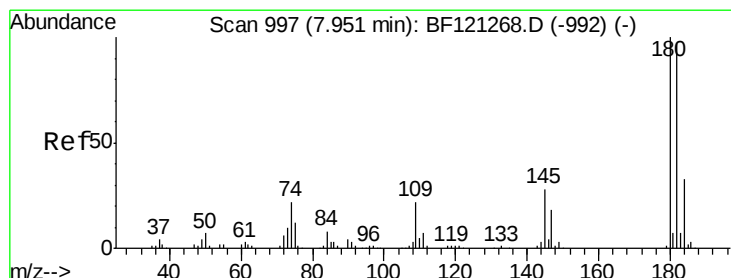
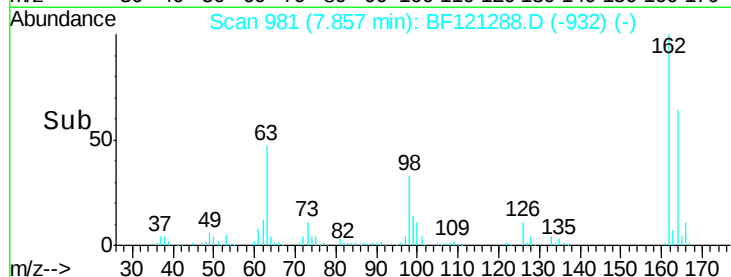
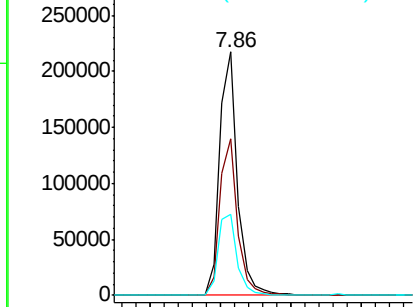
#29
 2,4-Dichlorophenol
 Concen: 38.845 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.4	83.4
98	33.2	18.1	58.1

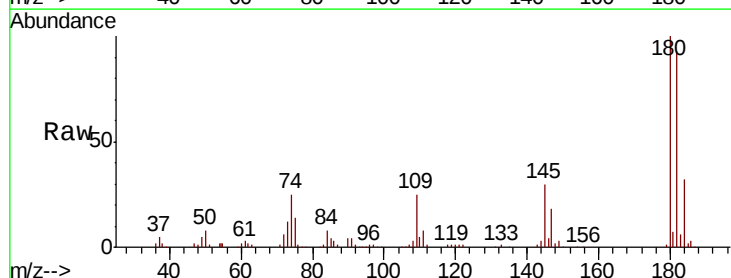


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

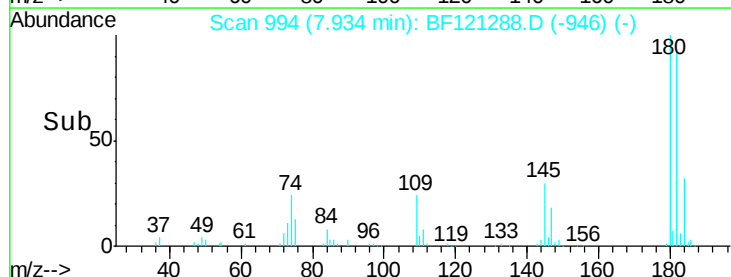
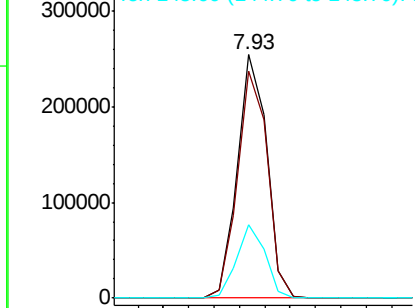


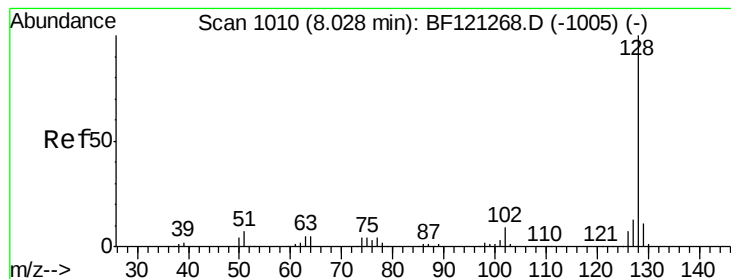
#30
 1,2,4-Trichlorobenzene
 Concen: 37.844 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.3	114.5
145	30.3	23.6	35.4



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: 37.837 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

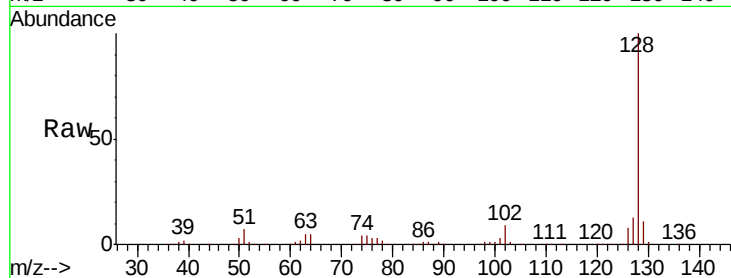
Tot Ion:128 Resp: 661764

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

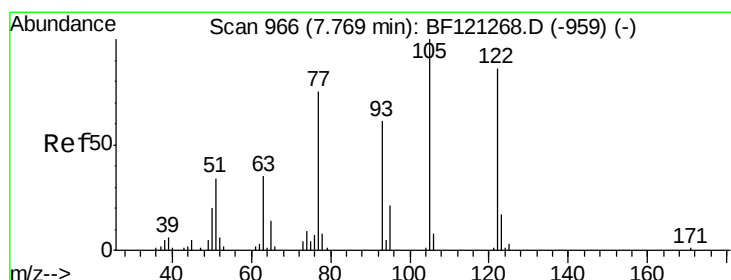
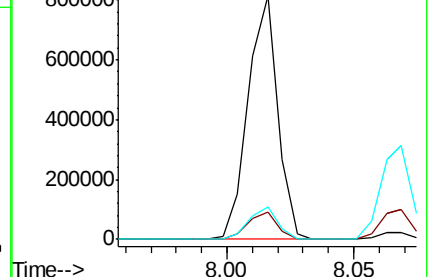
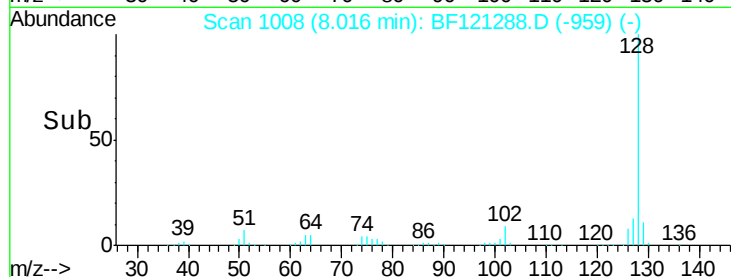
127 13.2 10.6 16.0



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: 38.198 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

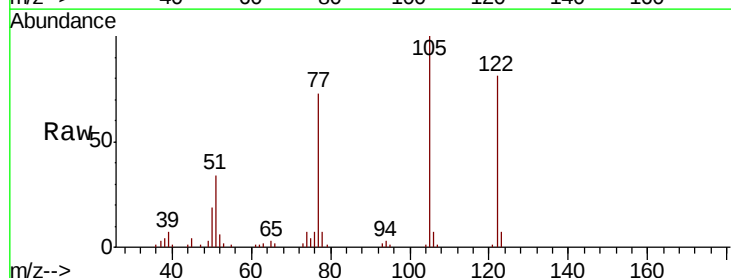
Tgt Ion:122 Resp: 96551

Ion Ratio Lower Upper

122 100

105 124.2 101.3 141.3

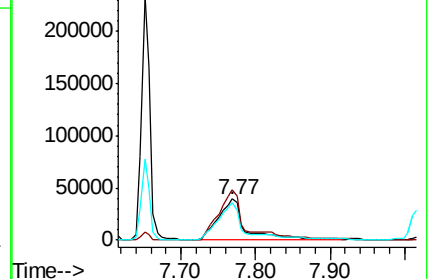
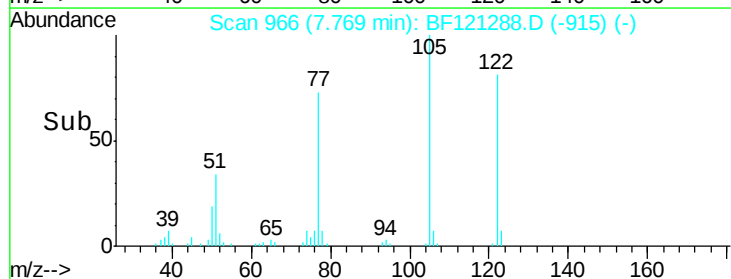
77 90.5 68.5 108.5

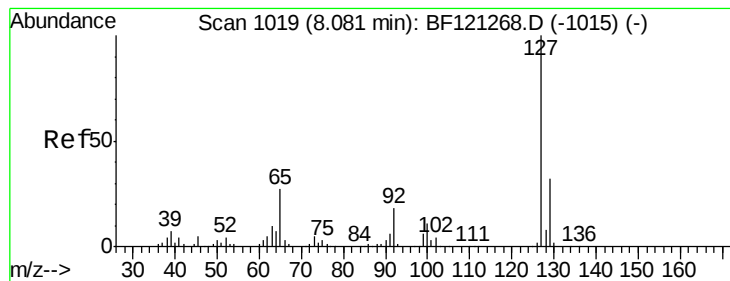


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.714 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 269180

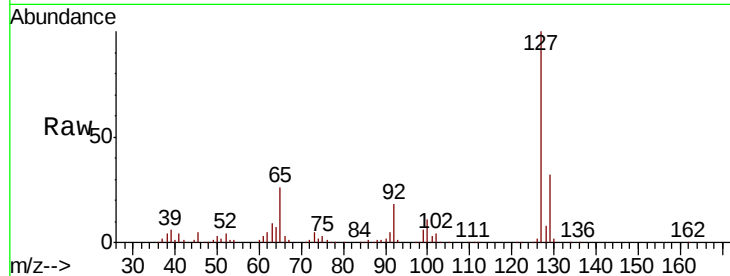
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 26.4 23.5 35.3

92 17.7 14.5 21.7

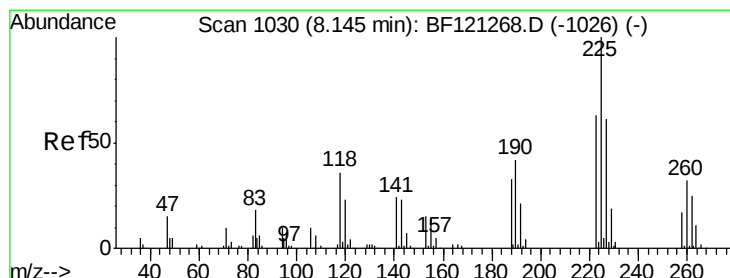
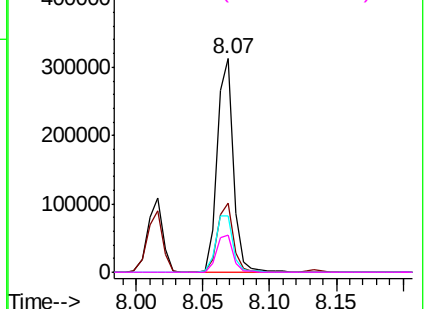
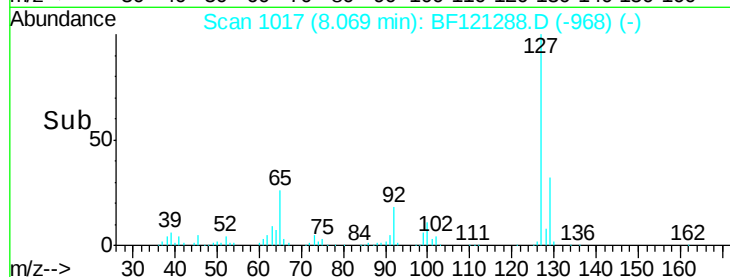


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.569 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

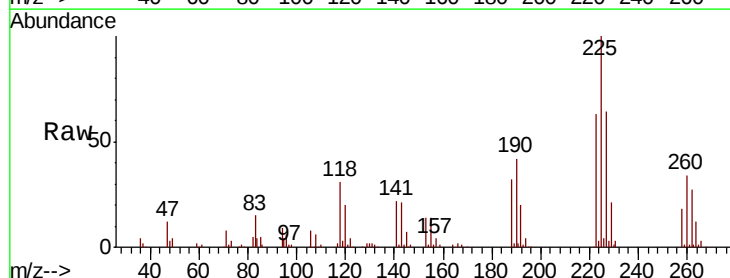
Tgt Ion:225 Resp: 122926

Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

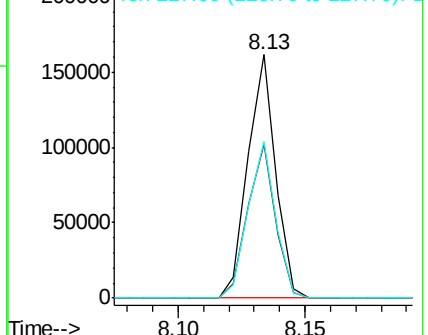
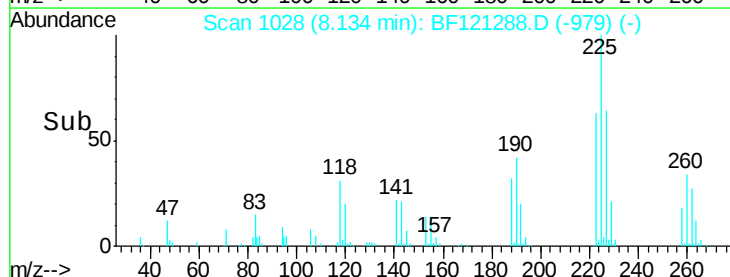
227 64.2 51.9 77.9

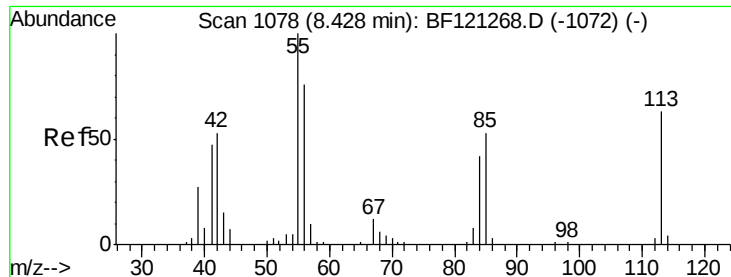


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

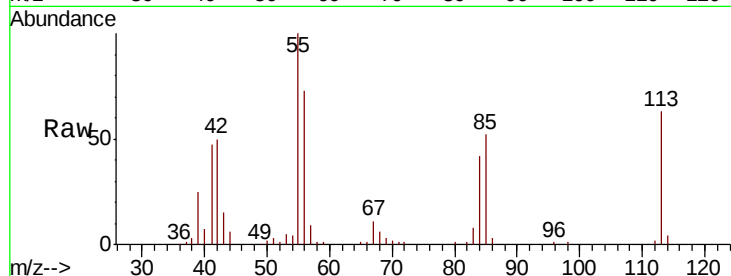




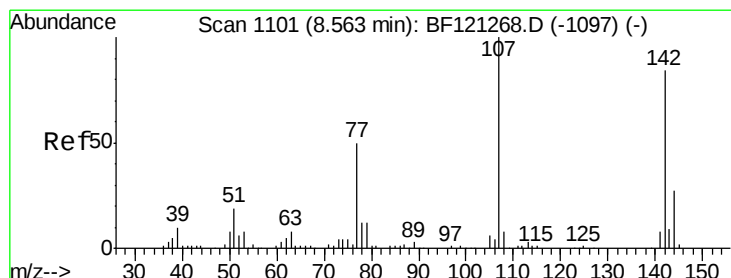
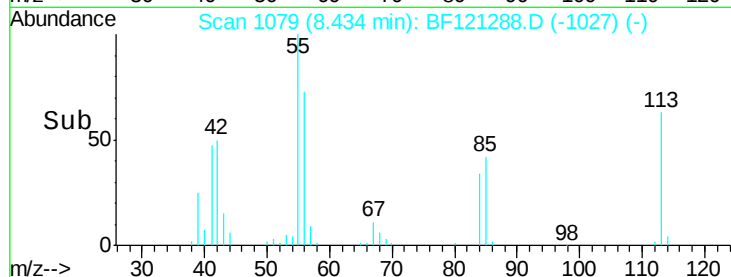
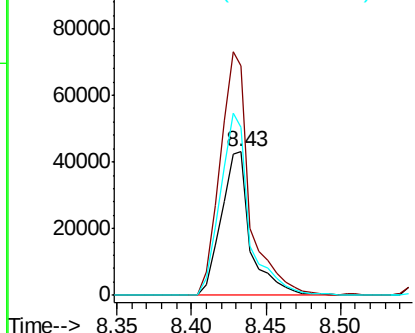
#35
 Caprolactam
 Concen: 40.214 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 59349
 Ion Ratio Lower Upper
 113 100
 55 159.4 151.9 191.9
 56 116.6 106.0 146.0

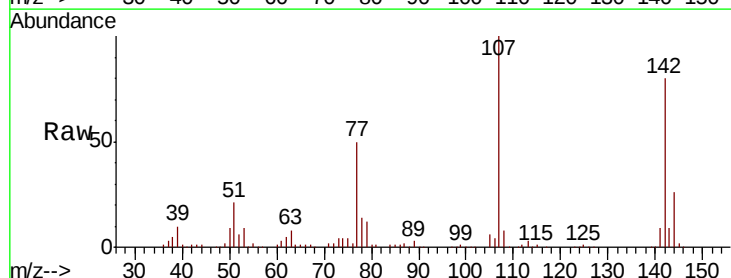


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

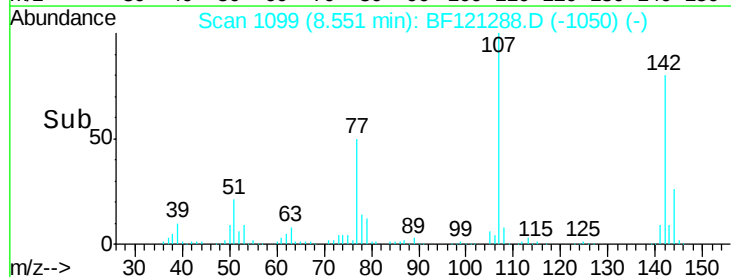
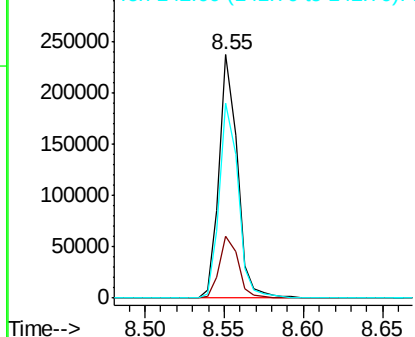


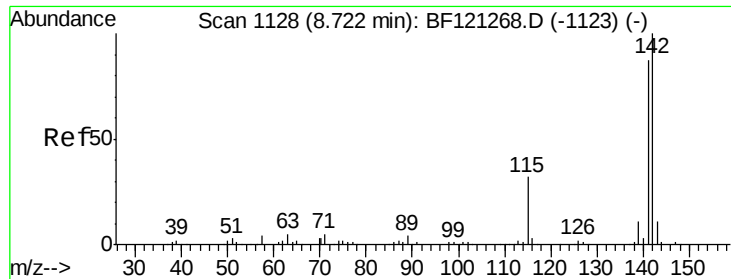
#36
 4-Chloro-3-methylphenol
 Concen: 38.454 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:107 Resp: 192232
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.4 30.6
 142 80.1 63.5 95.3



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

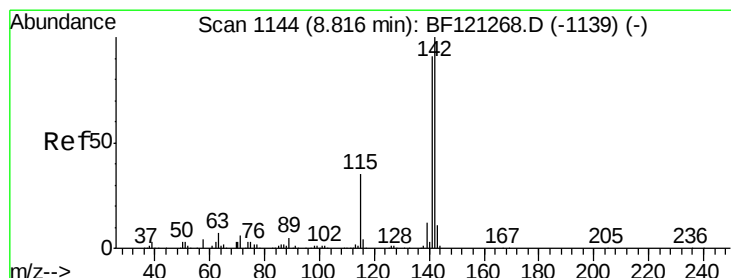
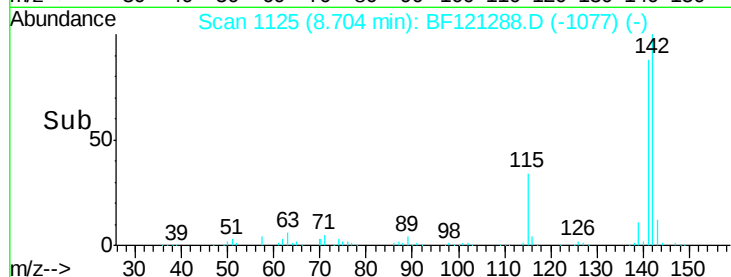
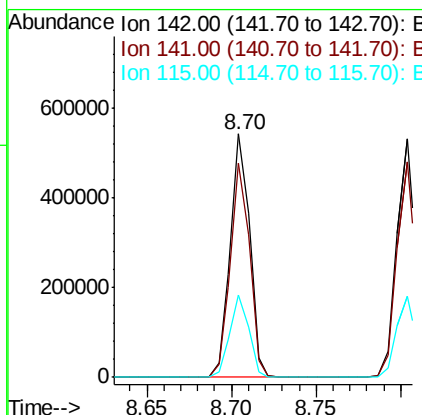
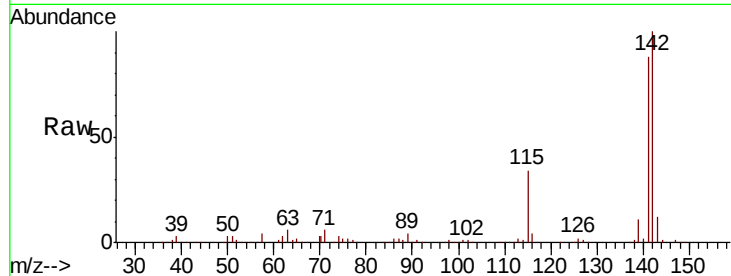




#37
 2-Methylnaphthalene
 Concen: 37.519 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

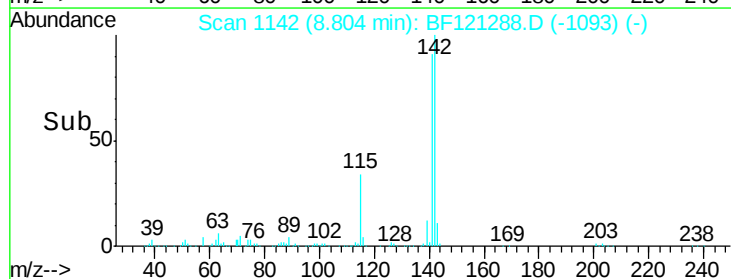
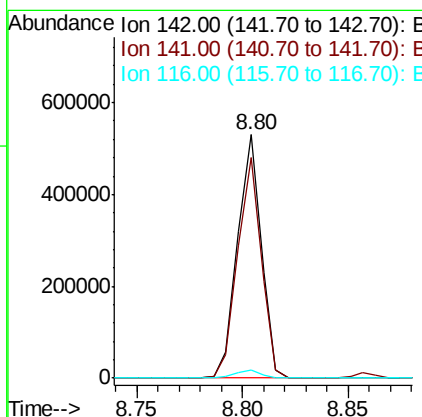
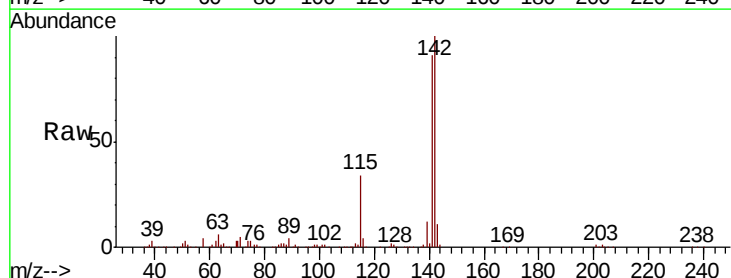
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

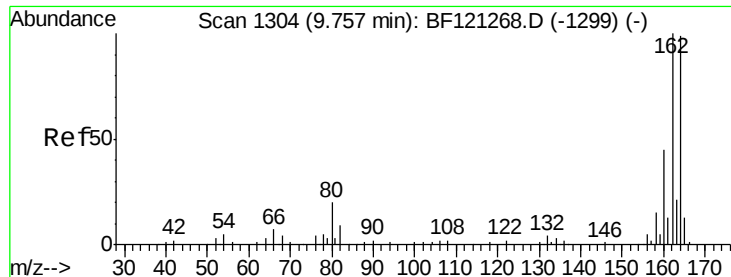
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	33.8	25.9	38.9



#38
 1-Methylnaphthalene
 Concen: 37.681 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.0	109.4
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

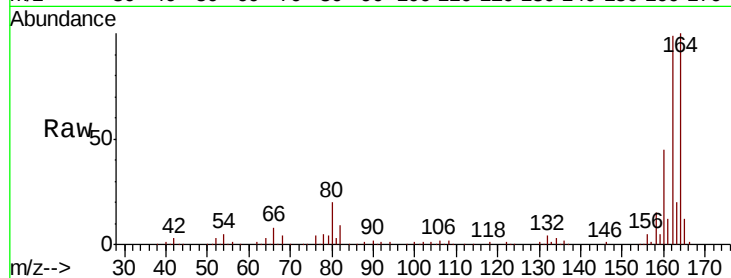
Tot Ion:164 Resp: 162355

Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

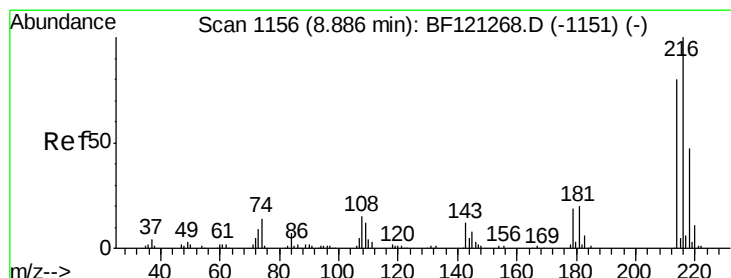
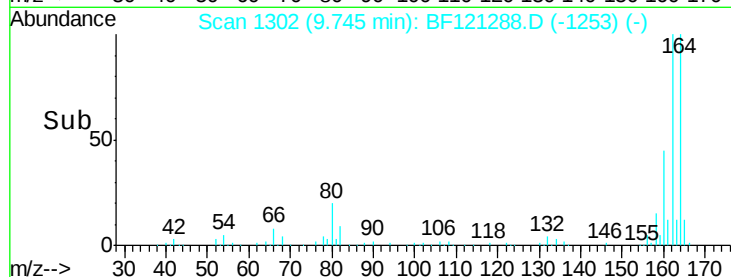
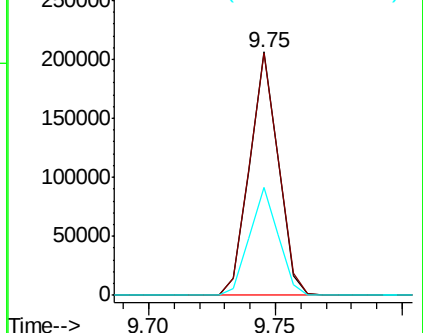
160 44.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.887 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Tgt Ion:216 Resp: 206106

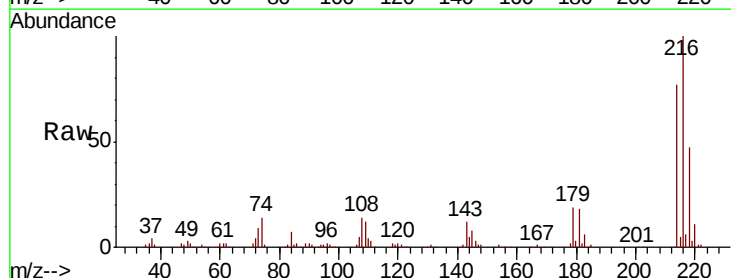
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 20.1 16.1 24.1

108 17.3 14.3 21.5

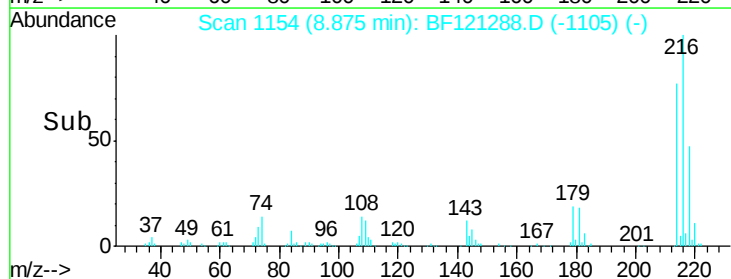
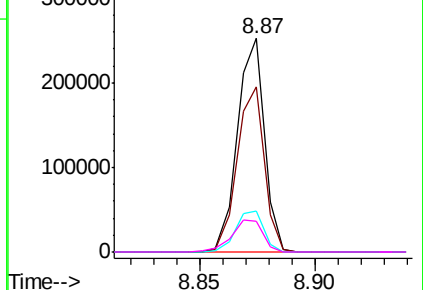


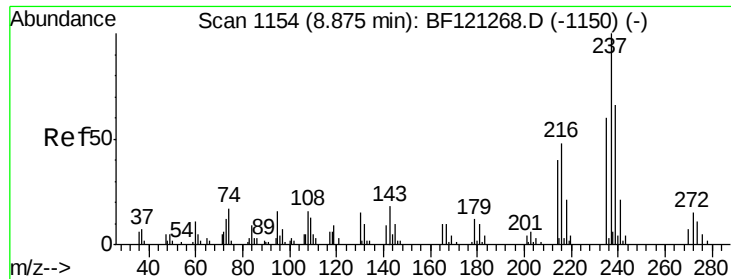
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.260 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

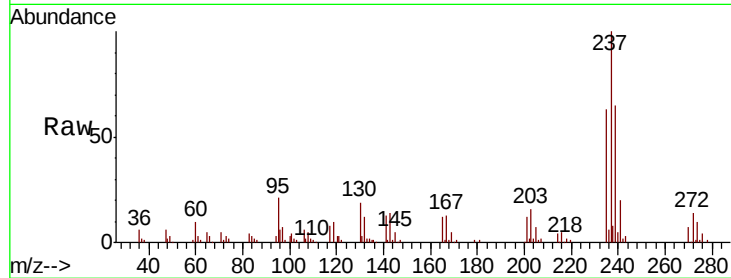
Tot Ion:237 Resp: 63699

Ion Ratio Lower Upper

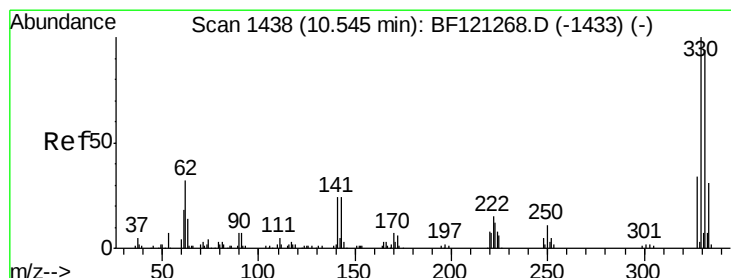
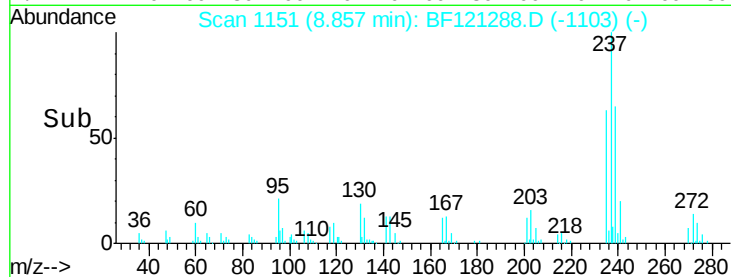
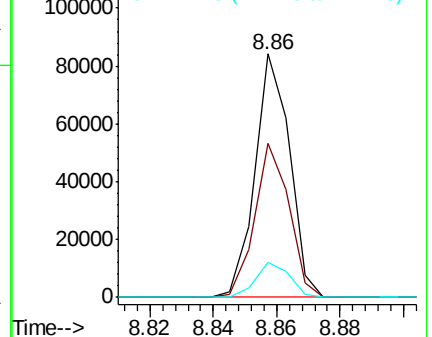
237 100

235 63.1 41.8 81.8

272 14.1 0.0 34.3



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: 77.322 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

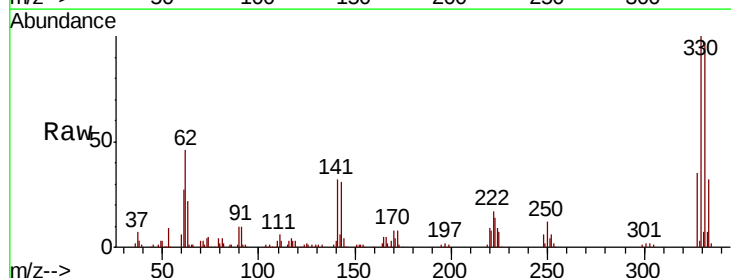
Tgt Ion:330 Resp: 154559

Ion Ratio Lower Upper

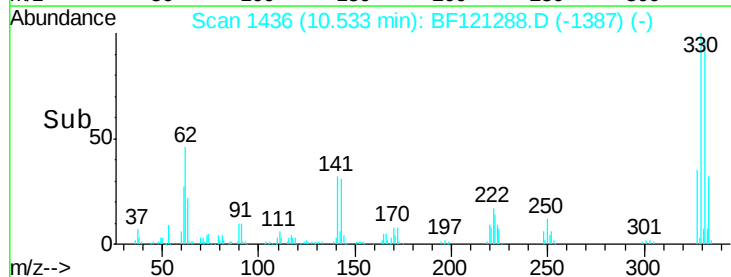
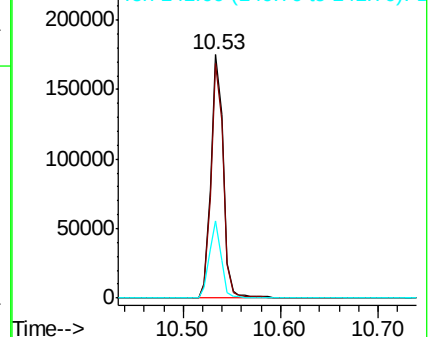
330 100

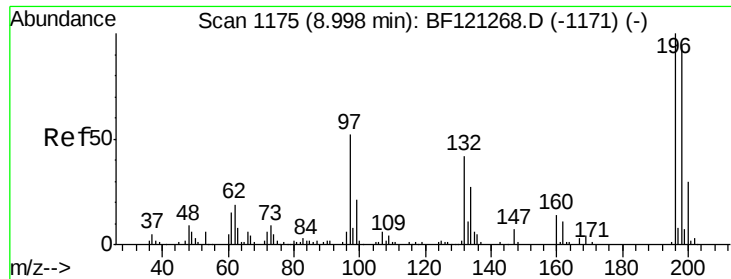
332 95.9 75.4 113.0

141 30.4 23.4 35.2



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

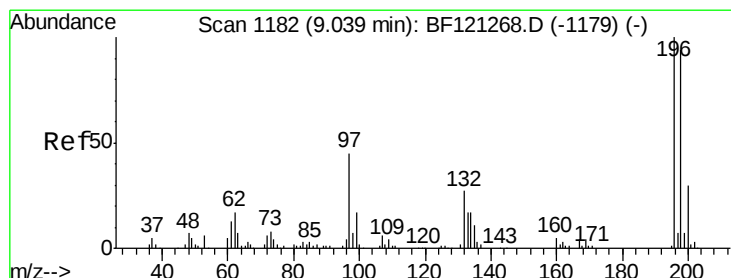
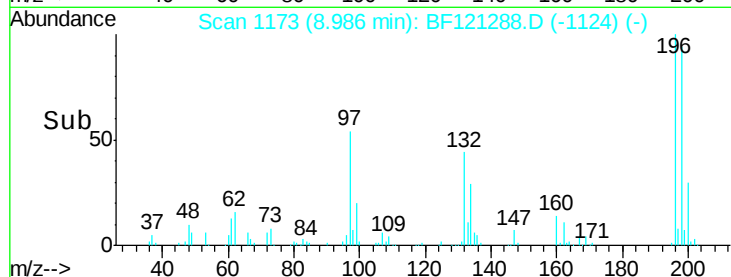
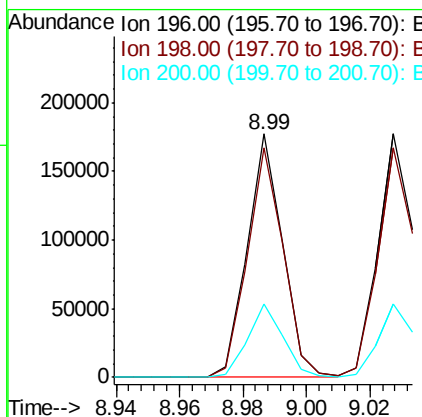
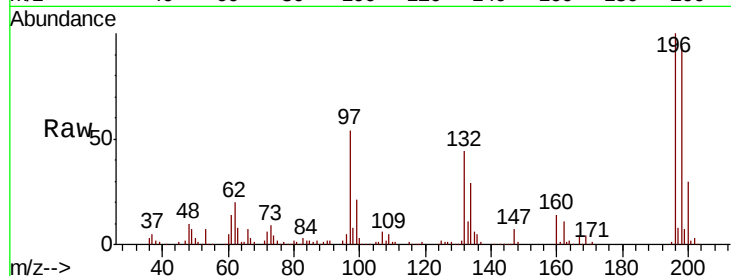




#43
 2,4,6-Trichlorophenol
 Concen: 39.694 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

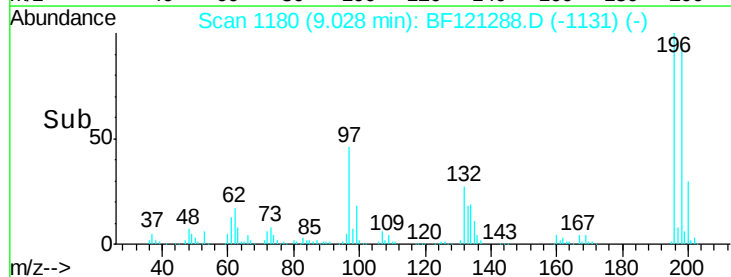
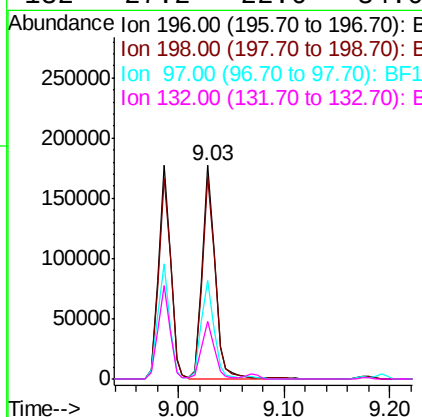
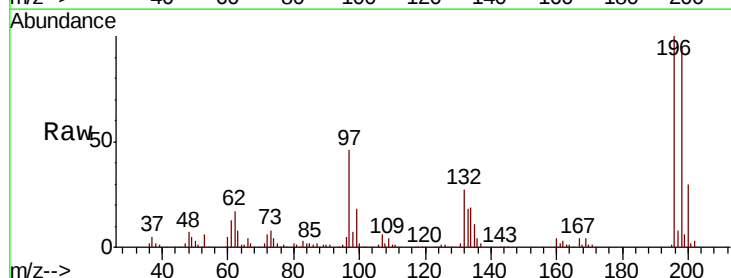
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

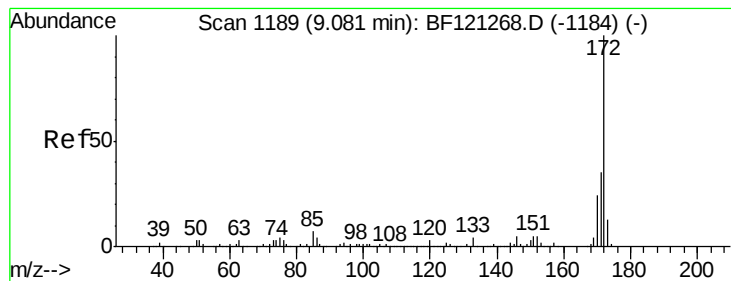
Tot Ion:196 Resp: 137331
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.3 114.5
 200 29.9 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.603 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:196 Resp: 148822
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.4 116.2
 97 46.2 38.8 58.2
 132 27.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 70.834 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

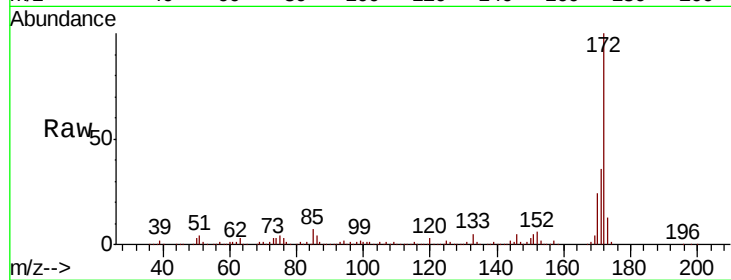
Tot Ion:172 Resp: 831364

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

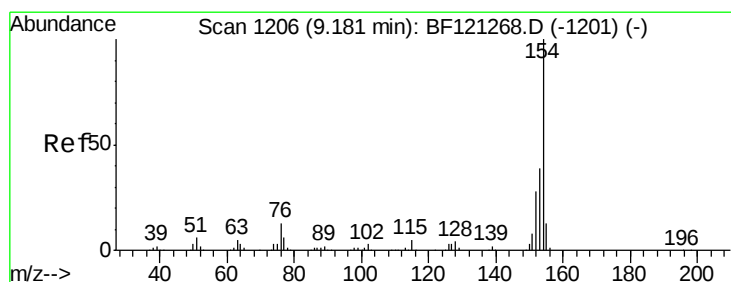
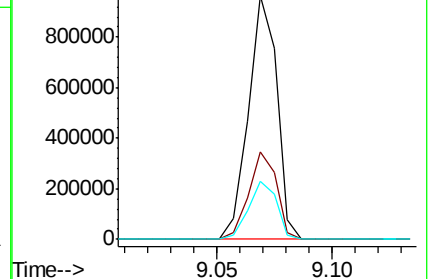
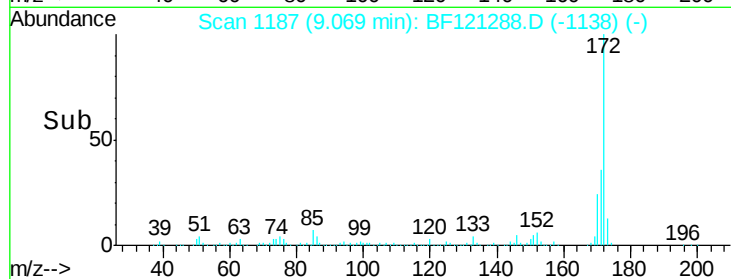
170 24.0 19.3 28.9



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: 37.187 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

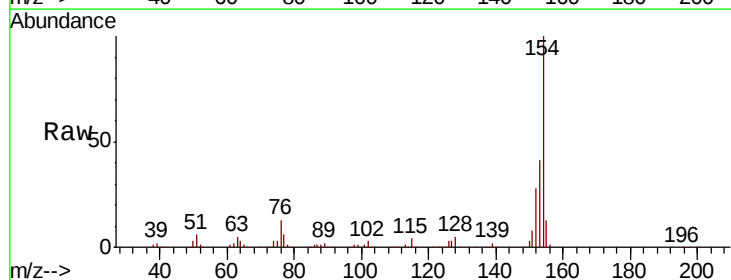
Tgt Ion:154 Resp: 521674

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

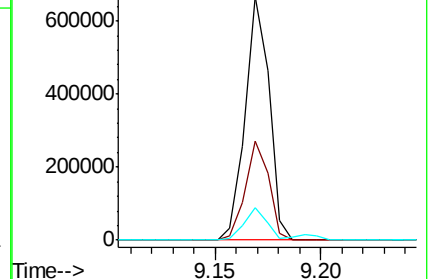
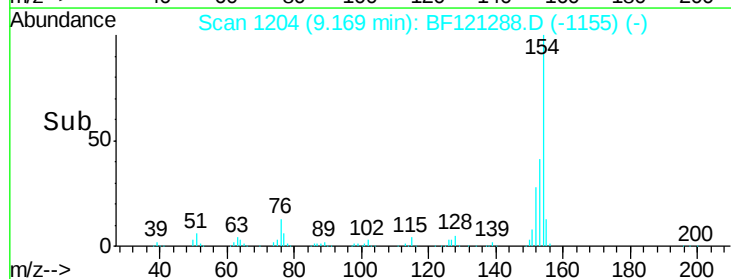
76 13.1 0.0 33.6

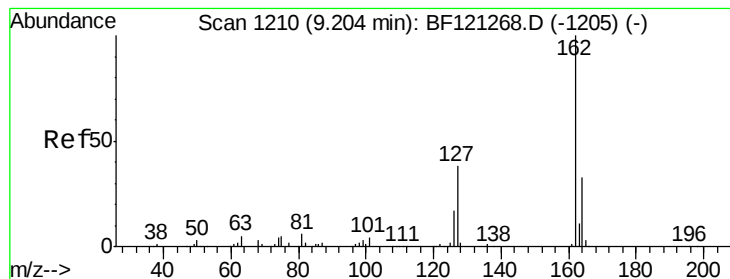


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

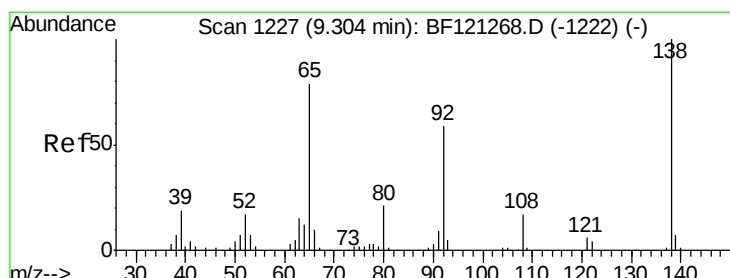
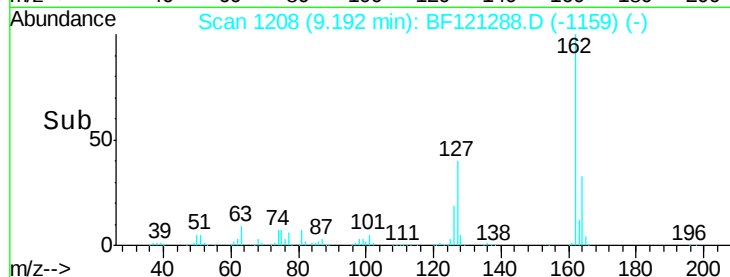
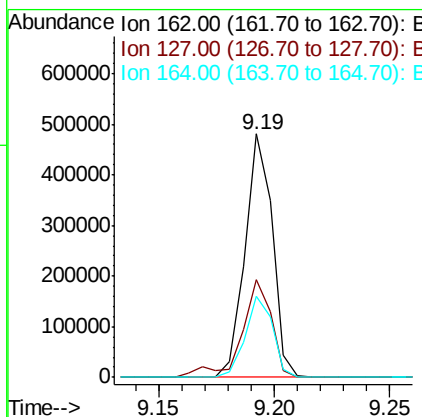
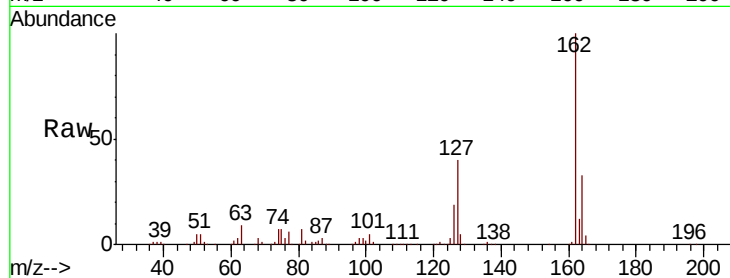




#47
 2-Chloronaphthalene
 Concen: 36.968 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

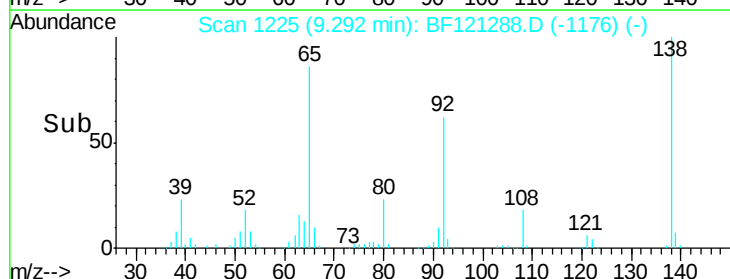
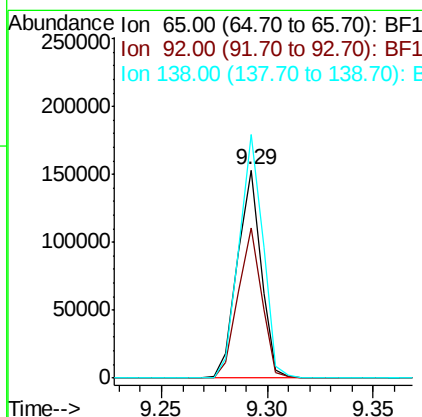
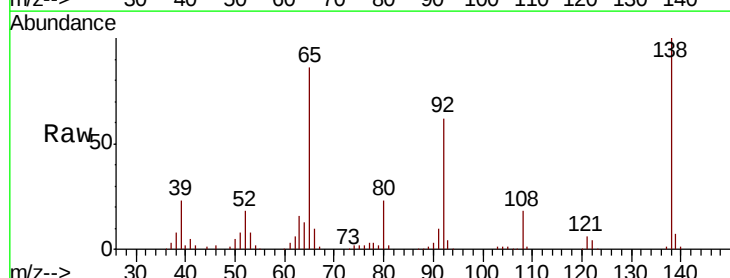
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

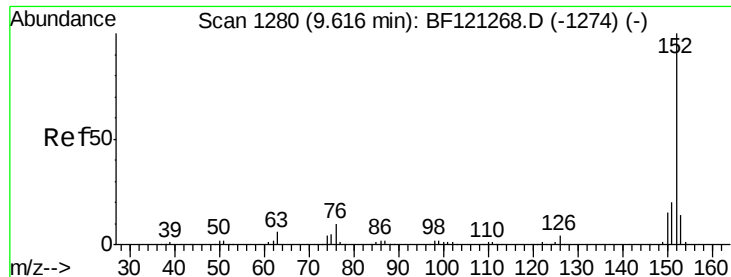
Tot Ion:	162	Resp:	399207
Ion	Ratio	Lower	Upper
162	100		
127	40.2	30.5	45.7
164	33.3	26.5	39.7



#48
 2-Nitroaniline
 Concen: 38.987 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:	65	Resp:	118339
Ion	Ratio	Lower	Upper
65	100		
92	72.3	56.4	84.6
138	117.0	91.9	137.9





#49

Acenaphthylene

Concen: 37.113 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

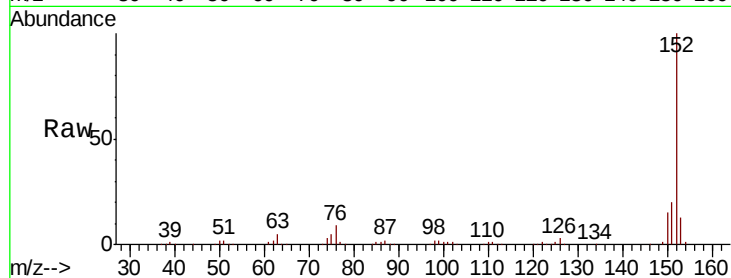
Tot Ion:152 Resp: 636548

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

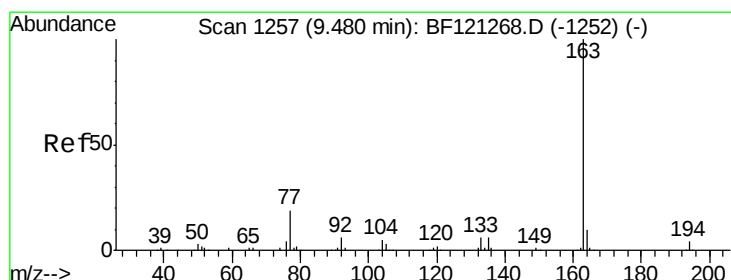
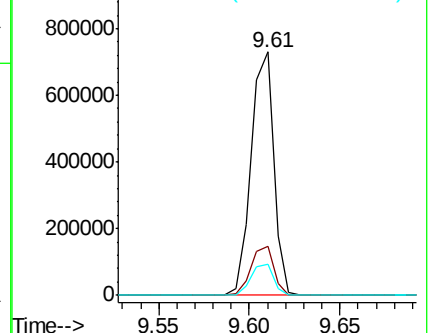
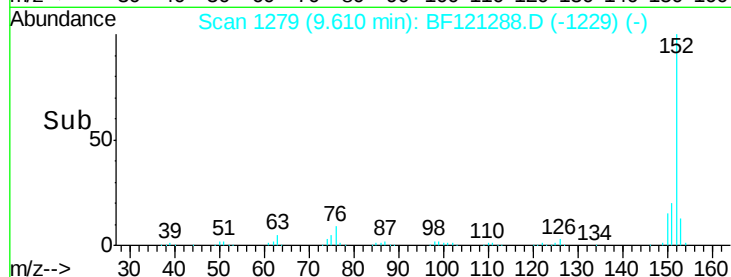
153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.826 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

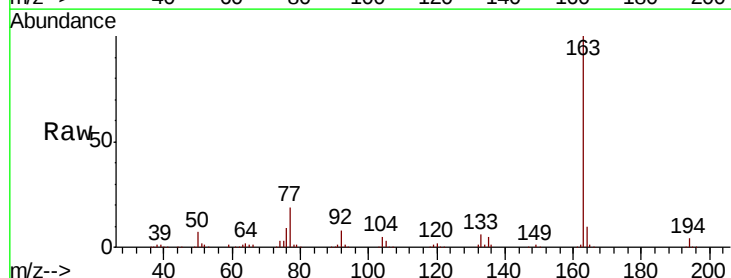
Tgt Ion:163 Resp: 449900

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

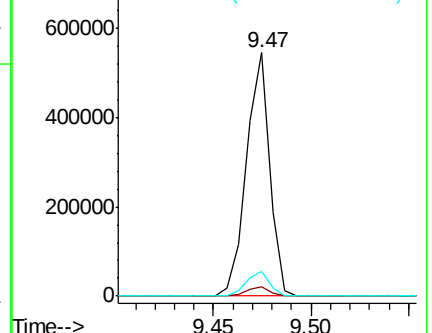
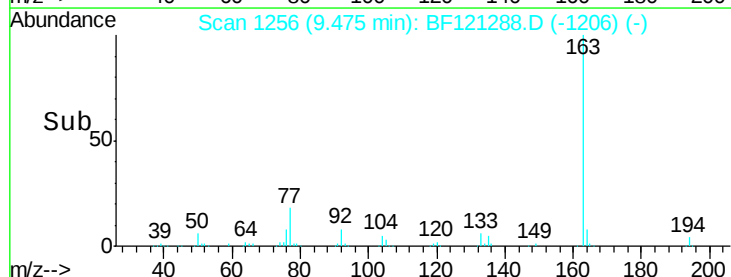
164 10.0 8.1 12.1

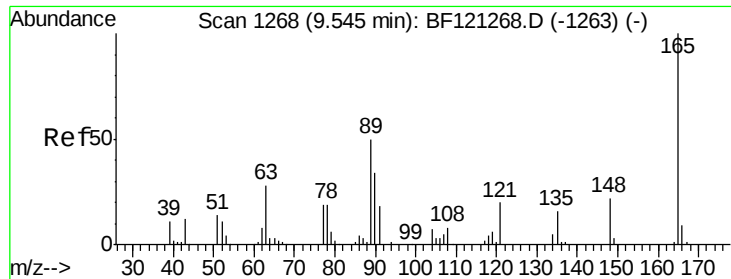


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

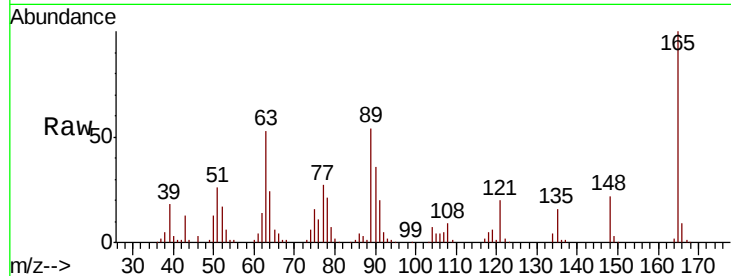




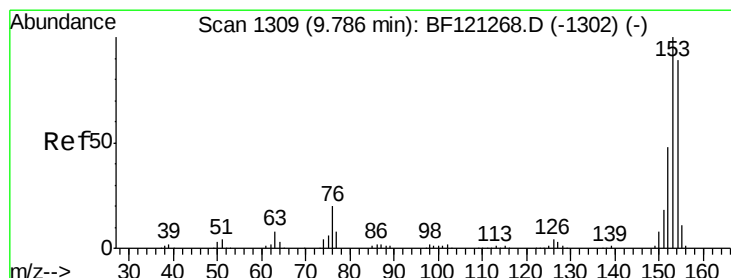
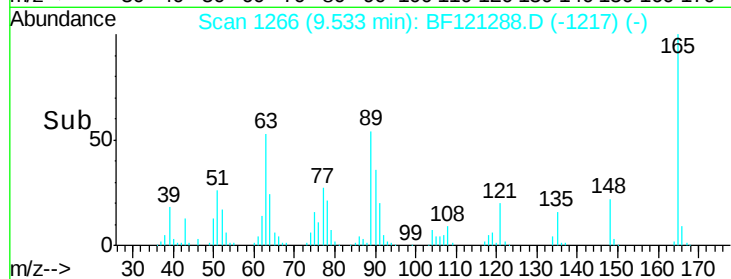
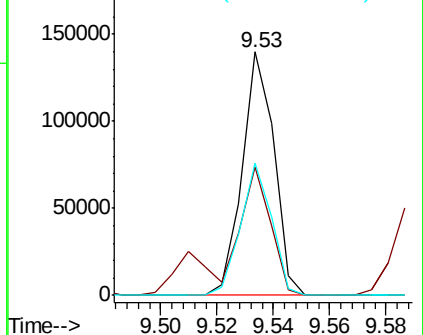
#51
 2,6-Dinitrotoluene
 Concen: 39.964 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 108834
 Ion Ratio Lower Upper
 165 100
 63 52.7 42.3 63.5
 89 54.4 45.0 67.4

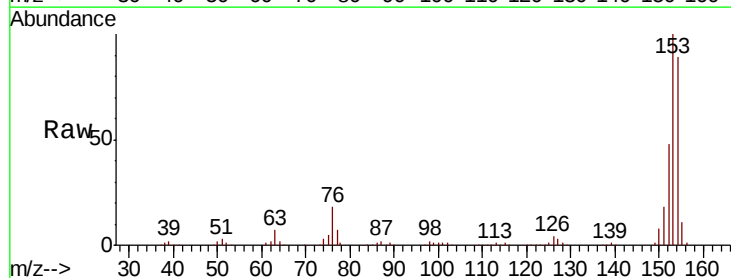


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

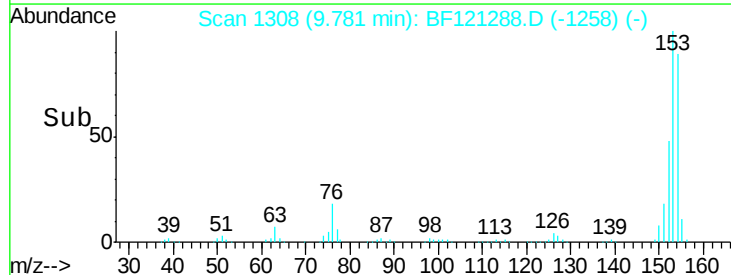
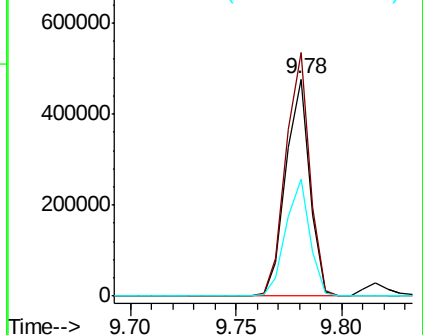


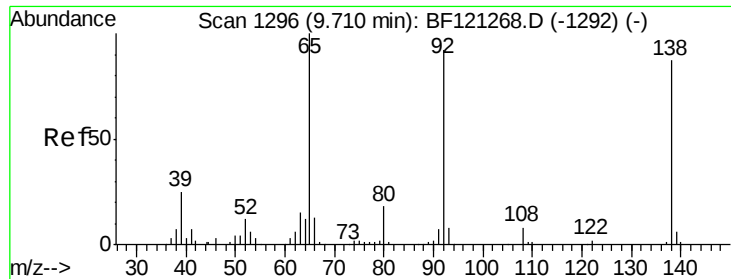
#52
 Acenaphthene
 Concen: 37.226 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:154 Resp: 378030
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.3 133.9
 152 53.5 42.9 64.3



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

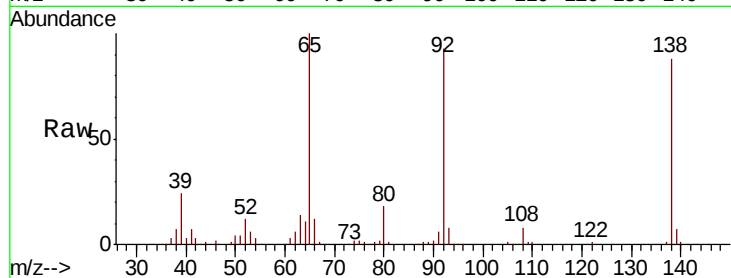




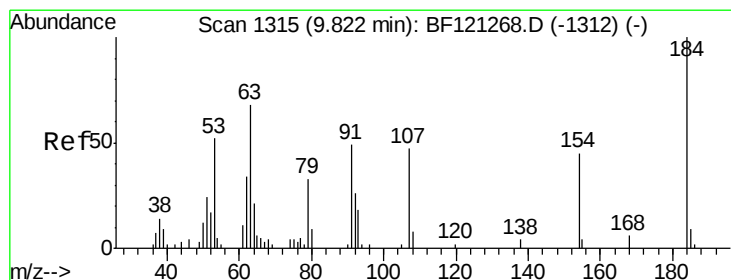
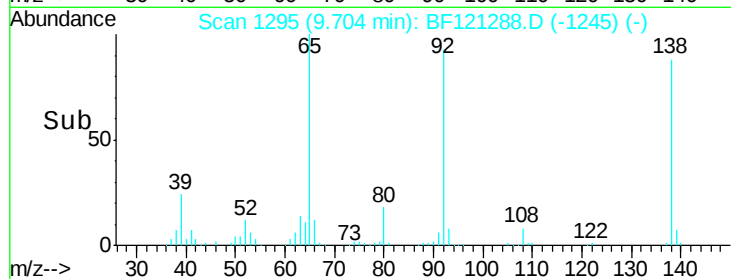
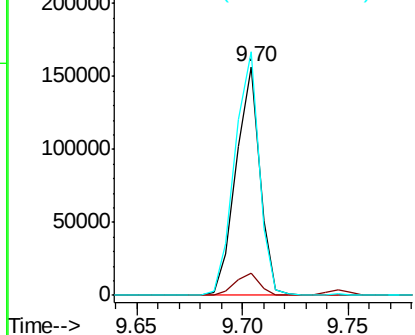
#53
3-Nitroaniline
Concen: 39.278 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 122133
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 106.5 85.1 127.7

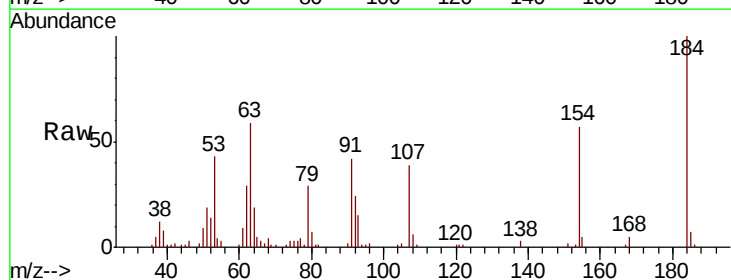


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

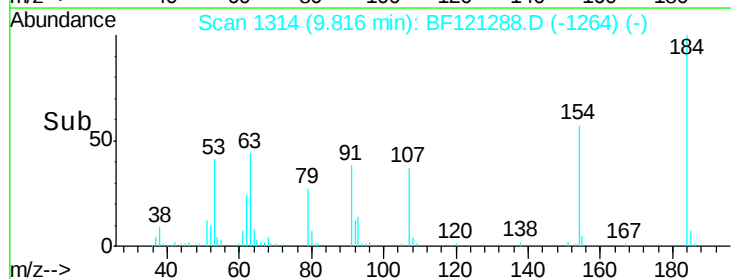
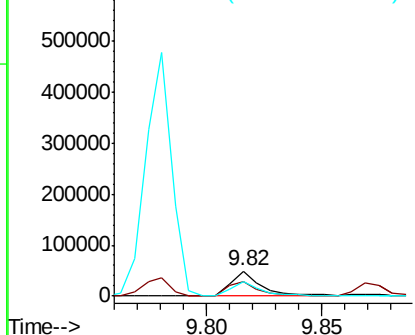


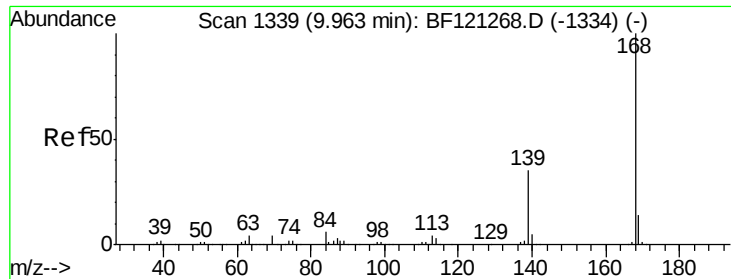
#54
2,4-Dinitrophenol
Concen: 41.933 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:184 Resp: 44151
Ion Ratio Lower Upper
184 100
63 59.1 39.4 59.2
154 57.1 43.4 65.0



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

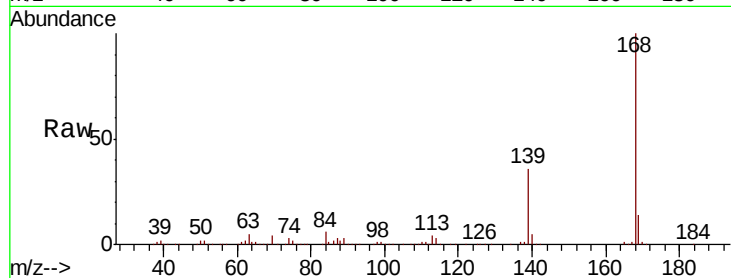




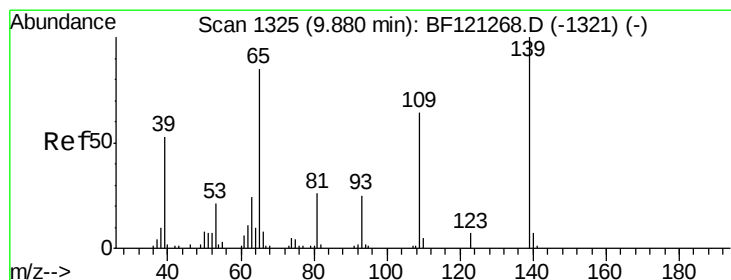
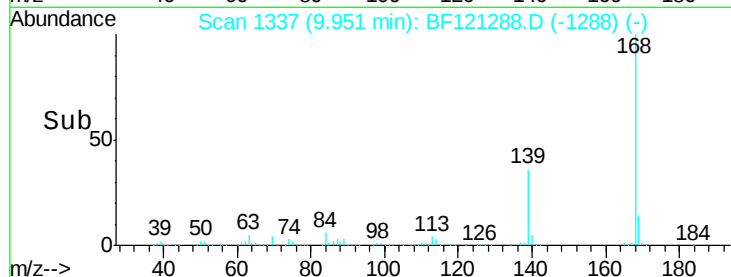
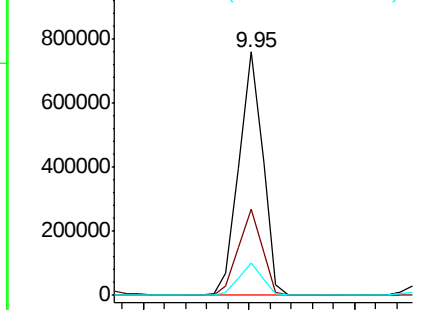
#55
Dibenzenofuran
Concen: 36.565 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 591316
Ion Ratio Lower Upper
168 100
139 35.6 29.0 43.6
169 13.5 11.0 16.4

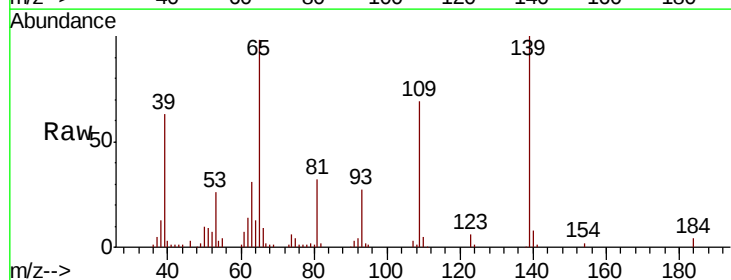


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

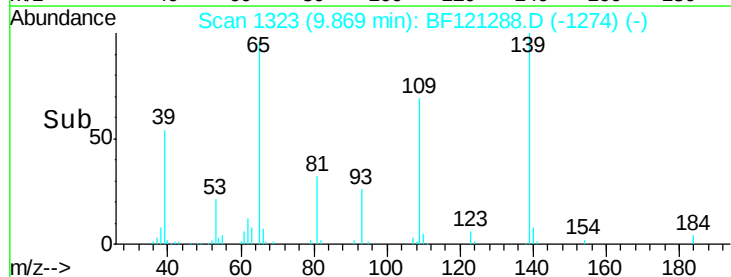
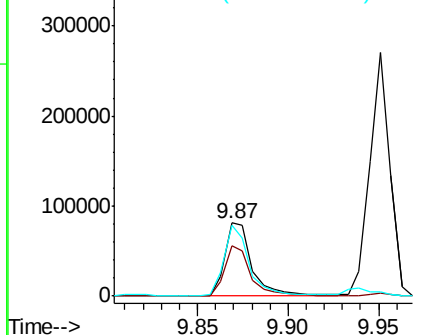


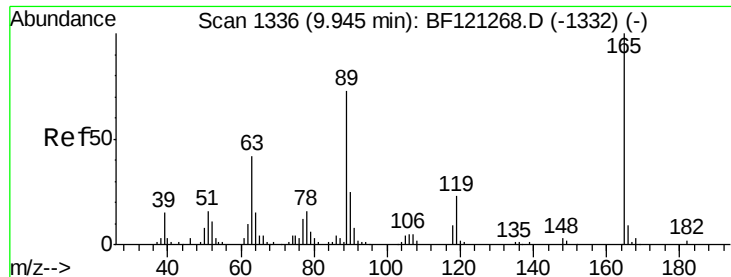
#56
4-Nitrophenol
Concen: 42.600 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:139 Resp: 85485
Ion Ratio Lower Upper
139 100
109 69.4 47.2 87.2
65 97.7 70.6 110.6



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

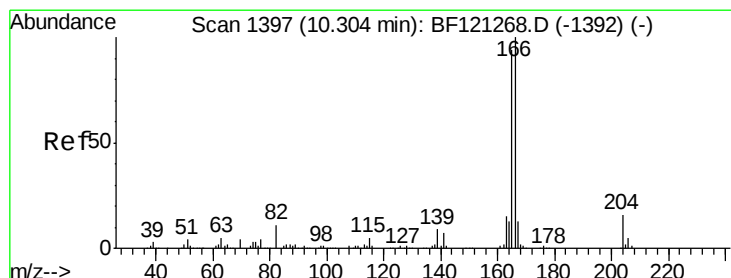
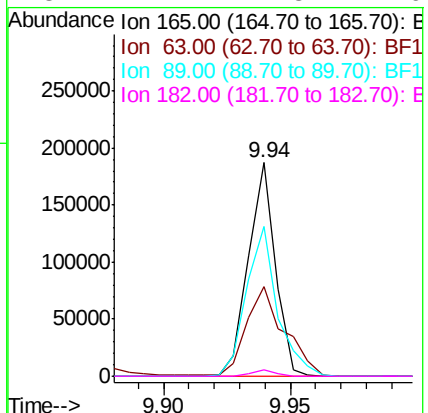
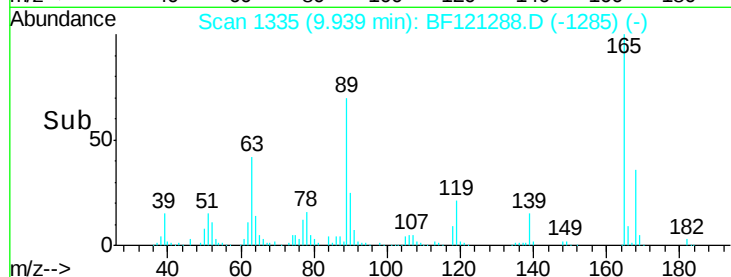
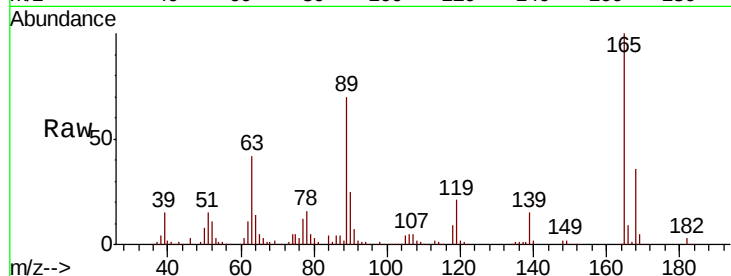




#57
2,4-Dinitrotoluene
Concen: 38.963 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

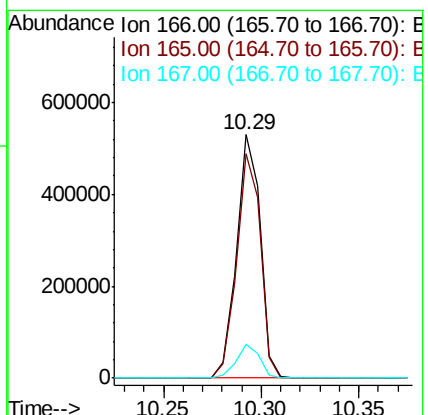
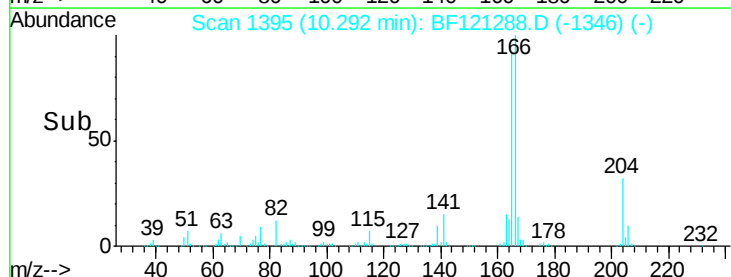
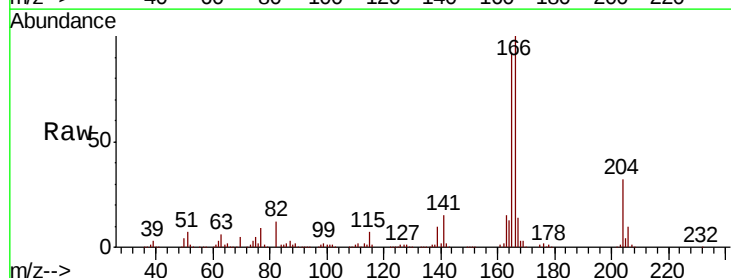
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

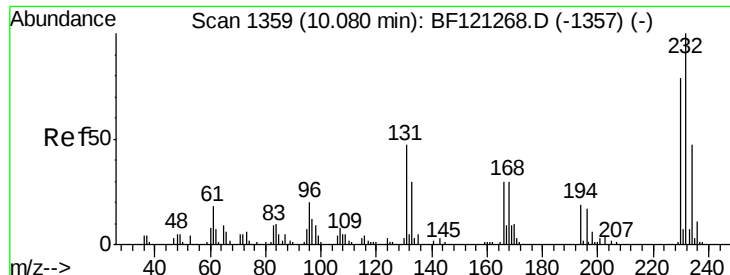
Tot Ion:165	Resp:	139253
Ion Ratio	Lower	Upper
165	100	
63	41.8	31.9 47.9
89	69.9	53.6 80.4
182	2.7	1.8 2.6#



#58
Fluorene
Concen: 36.300 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:166	Resp:	444362
Ion Ratio	Lower	Upper
166	100	
165	92.3	75.0 112.6
167	13.6	10.6 16.0

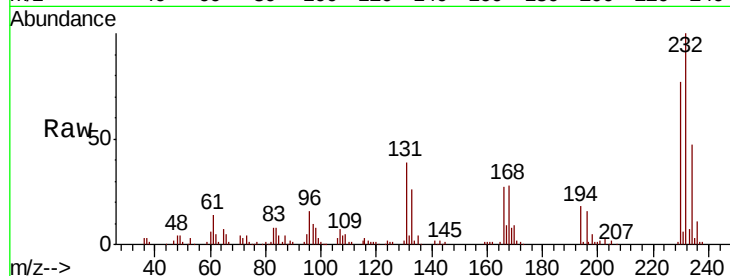




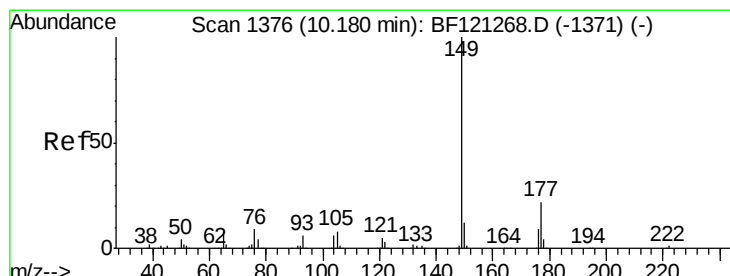
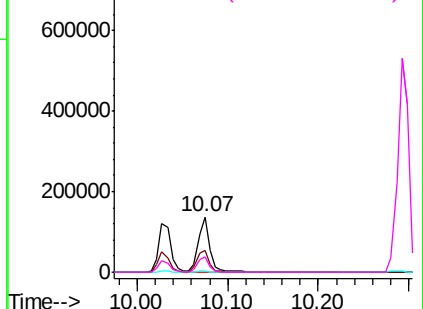
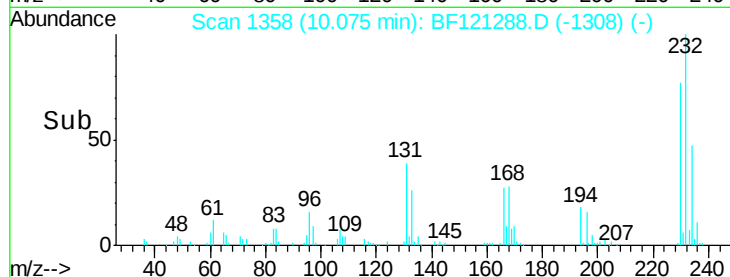
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.050 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	121966
Ion Ratio	Lower	Upper
232	100	
131	42.7	36.6 55.0
130	1.9	1.6 2.4
166	28.8	23.5 35.3

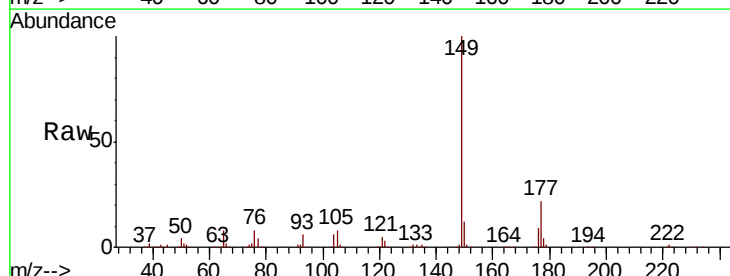


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

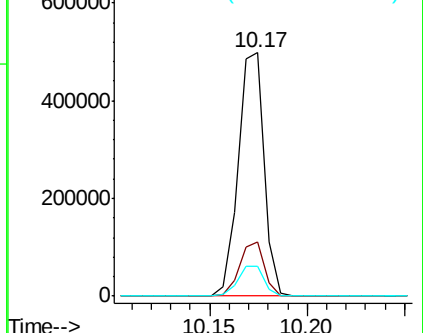
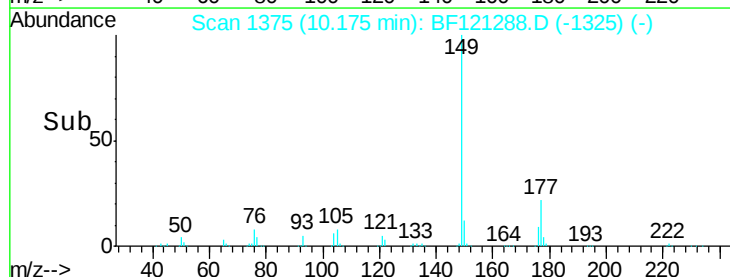


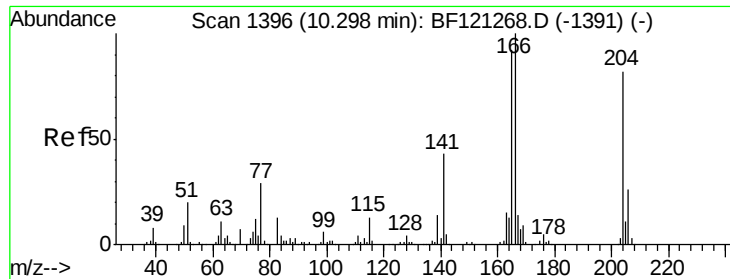
#60
 Diethylphthalate
 Concen: 36.723 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:149	Resp:	456224
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.4 26.2
150	12.1	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

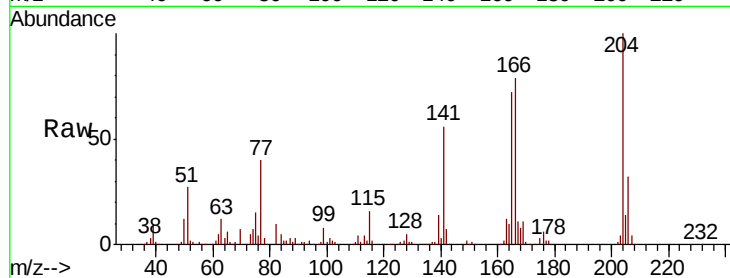




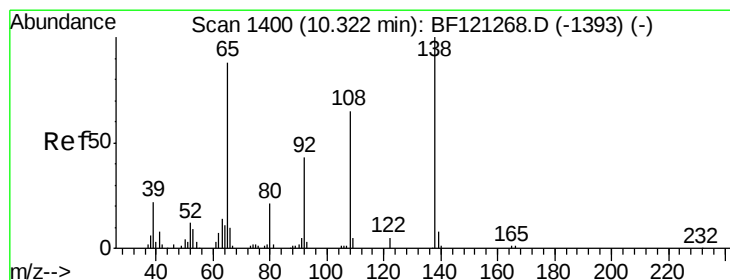
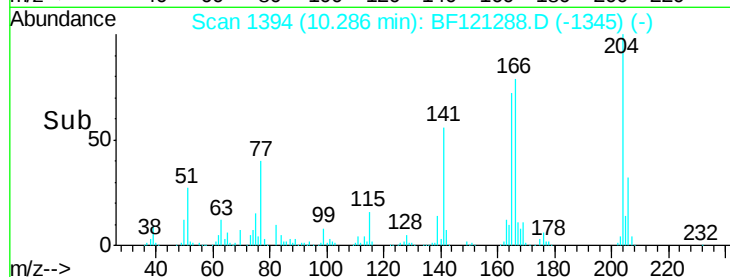
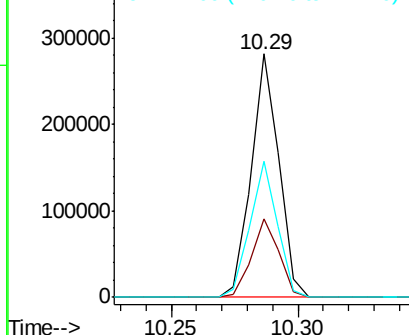
#61
4-Chlorophenyl-phenylether
Concen: 35.710 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.9	38.9
141	56.0	44.2	66.4

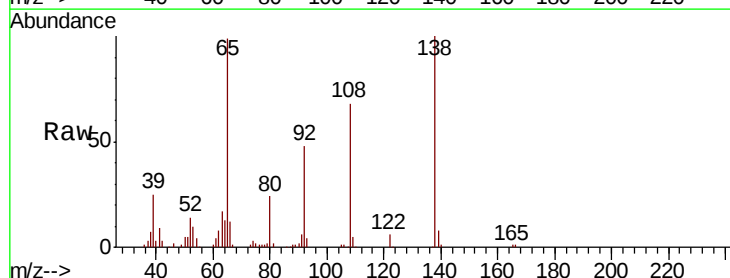


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

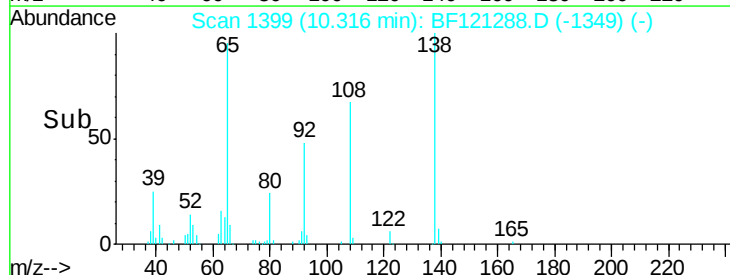
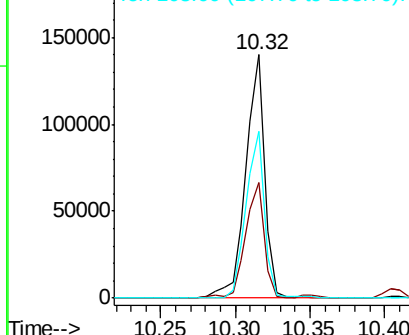


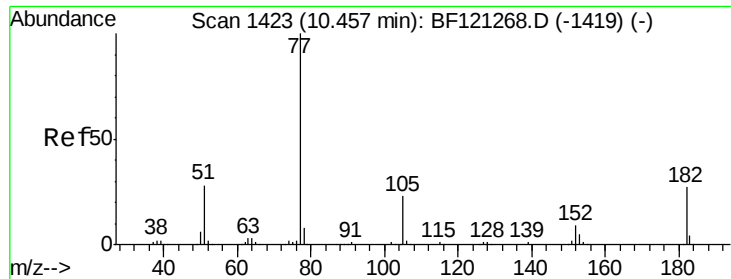
#62
4-Nitroaniline
Concen: 39.472 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	26.9	66.9
108	68.3	48.1	88.1



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

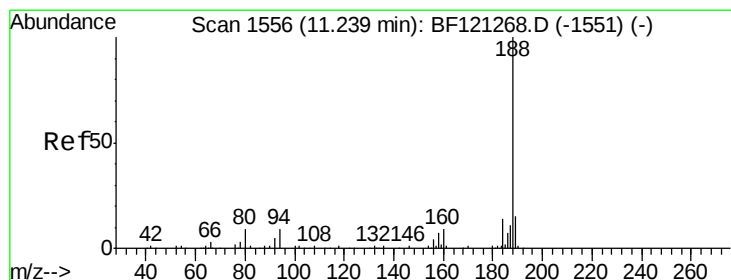
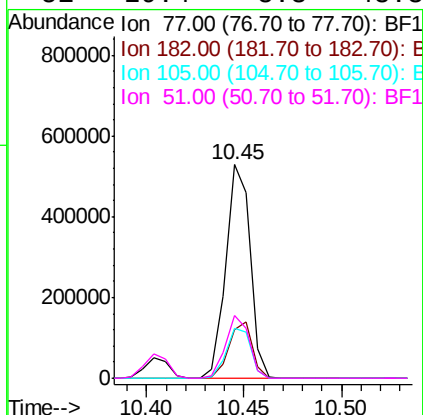
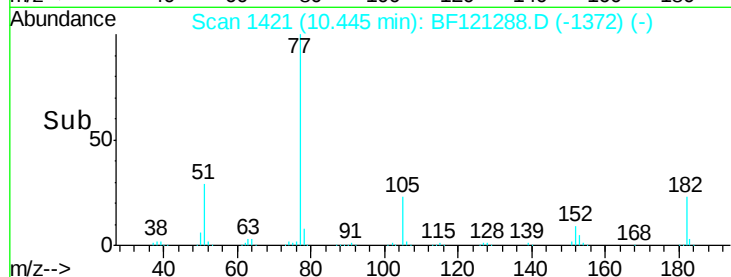
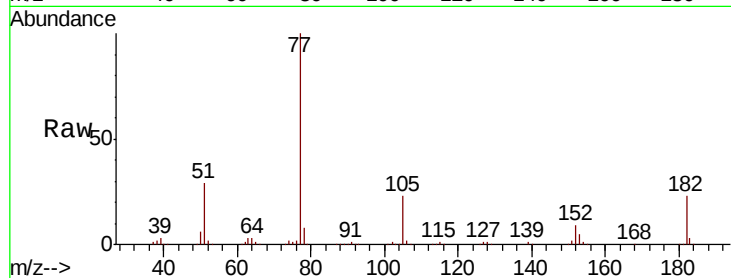




#63
Azobenzene
Concen: 36.776 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

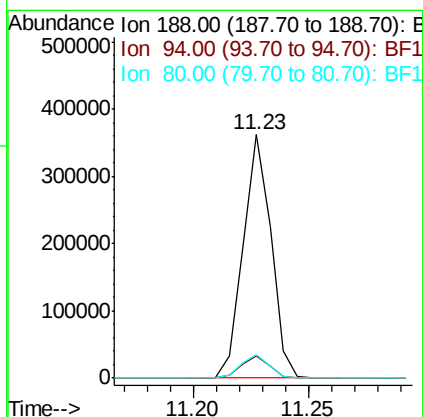
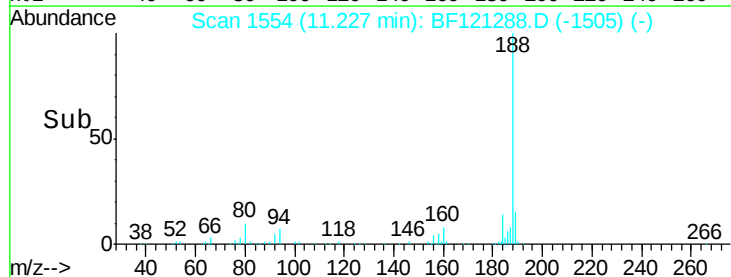
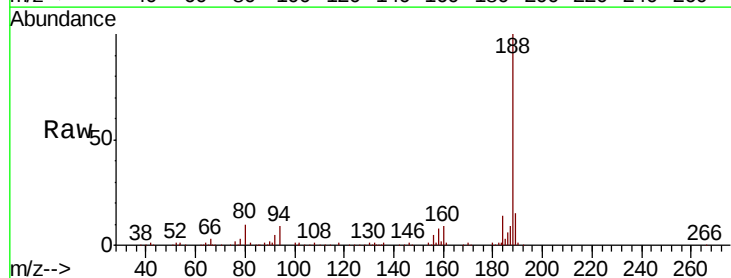
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

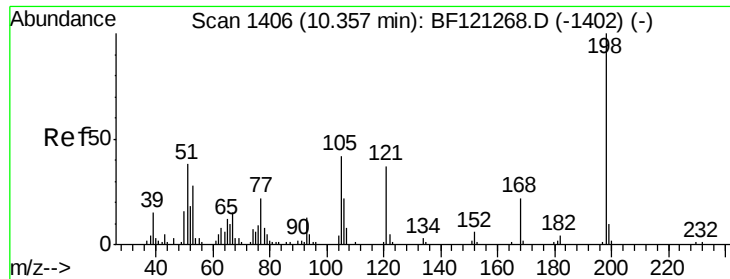
Tot Ion:	77	Resp:	456502
Ion	Ratio	Lower	Upper
77	100		
182	23.0	3.8	43.8
105	23.3	2.9	42.9
51	29.4	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:	188	Resp:	306564
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.8	7.4	11.0

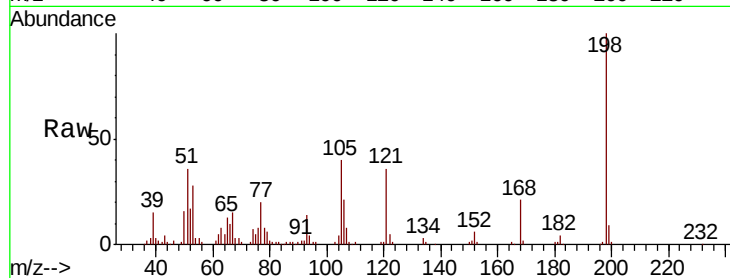




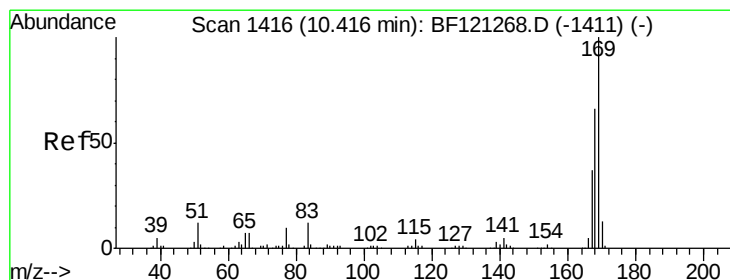
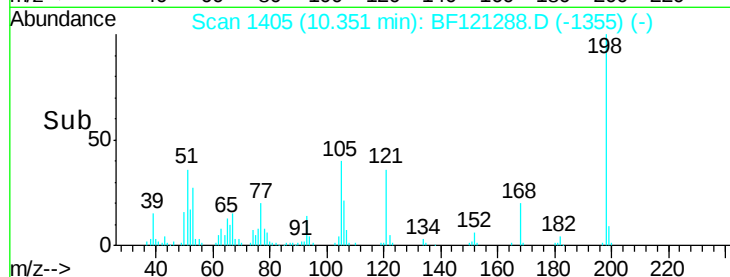
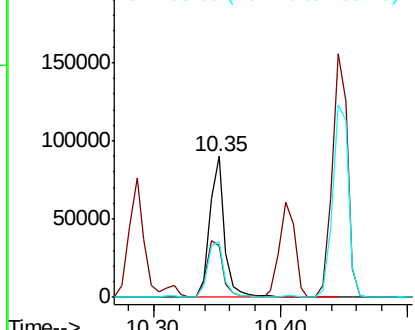
#65
4,6-Dinitro-2-methylphenol
Concen: 40.046 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 73929
Ion Ratio Lower Upper
198 100
51 36.3 29.1 69.1
105 39.8 28.3 68.3

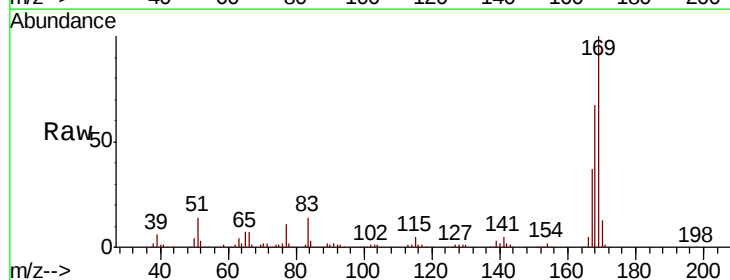


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

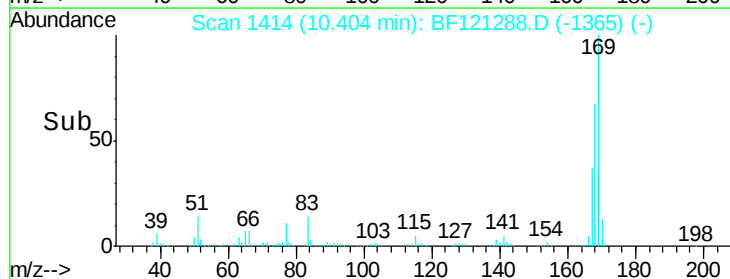
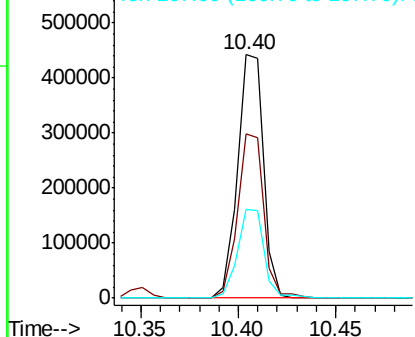


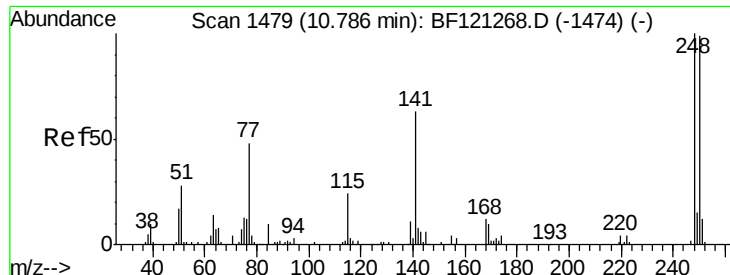
#66
n-Nitrosodiphenylamine
Concen: 38.613 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:169 Resp: 405889
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.6 29.2 43.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

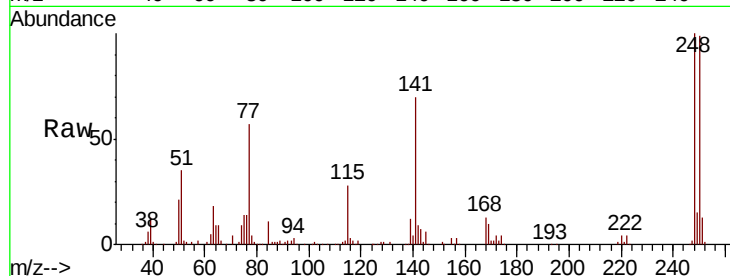




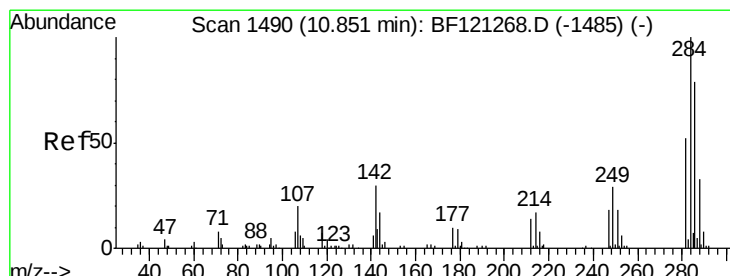
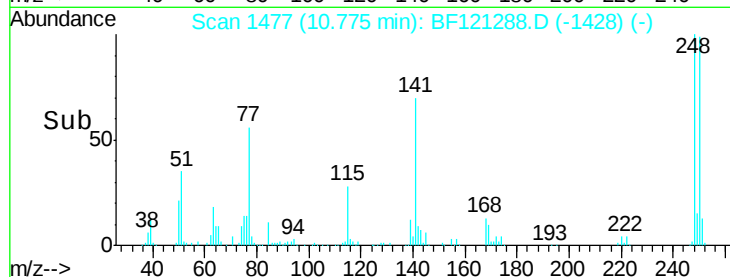
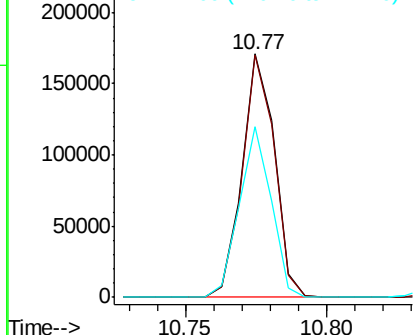
#67
 4-Bromophenyl-phenylether
 Concen: 38.131 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 136354
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.7 116.5
 141 70.3 53.4 80.2

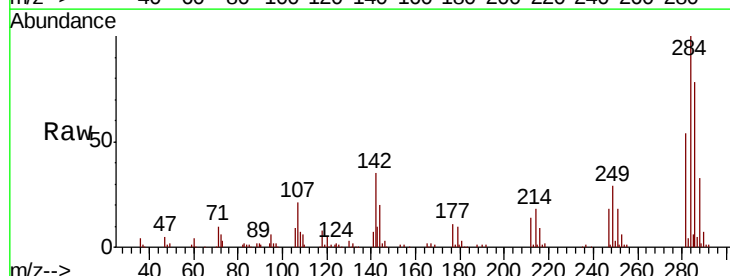


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

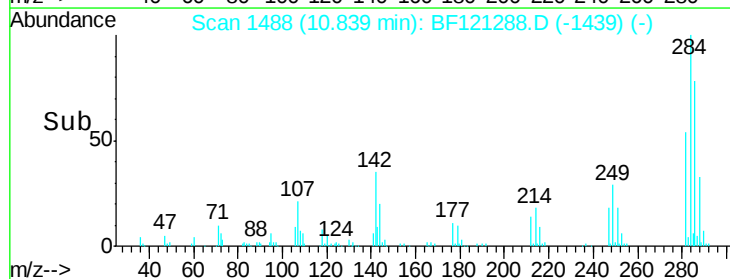
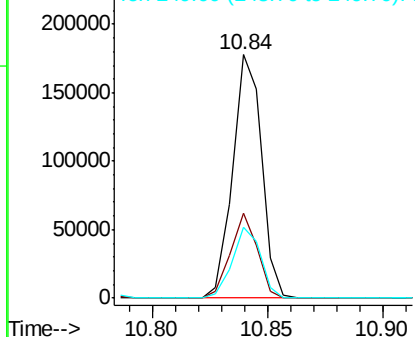


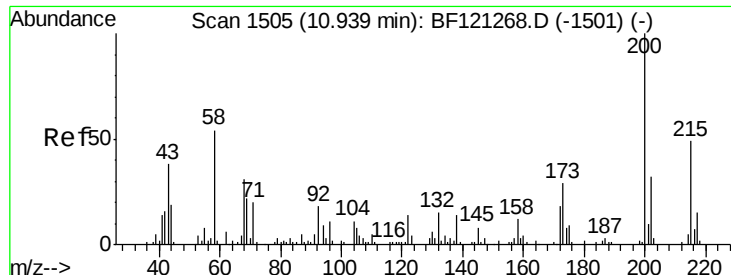
#68
 Hexachlorobenzene
 Concen: 38.006 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:284 Resp: 154977
 Ion Ratio Lower Upper
 284 100
 142 34.9 26.5 39.7
 249 29.3 23.8 35.6



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

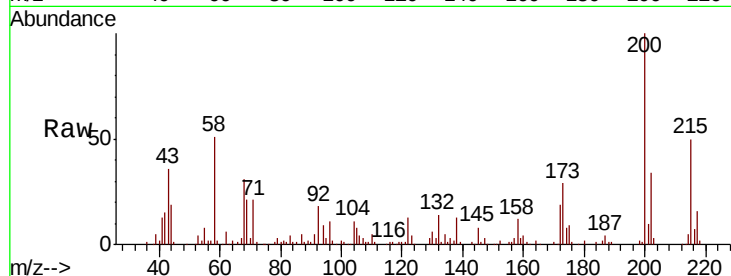




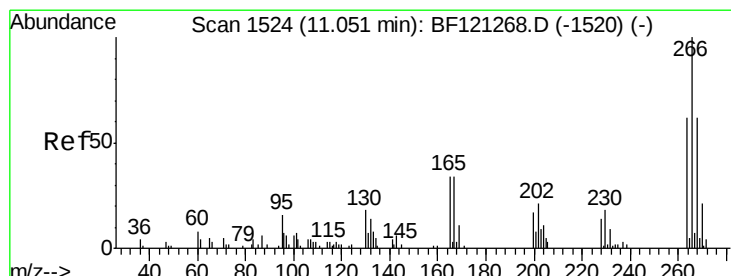
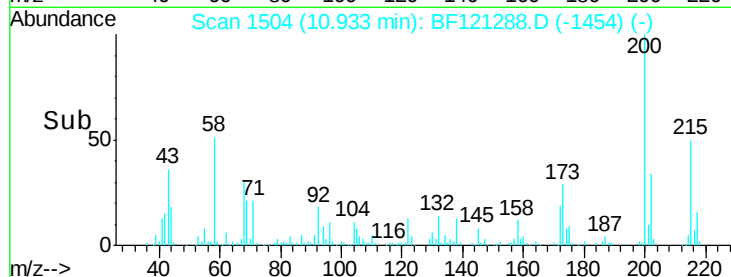
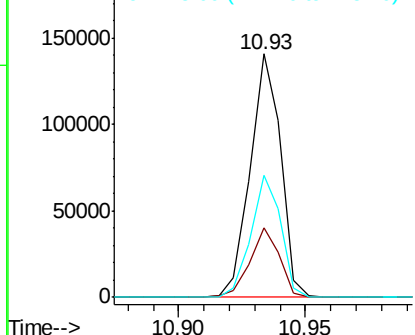
#69
Atrazine
Concen: 37.296 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.7	47.7
215	49.9	28.9	68.9

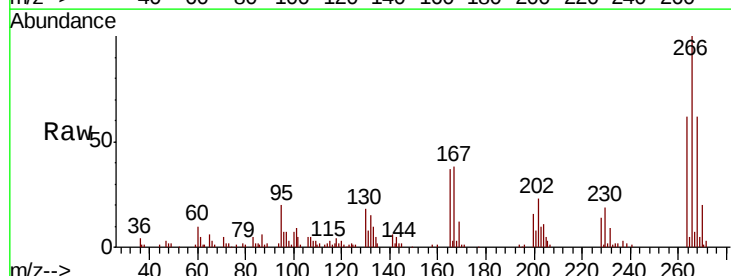


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

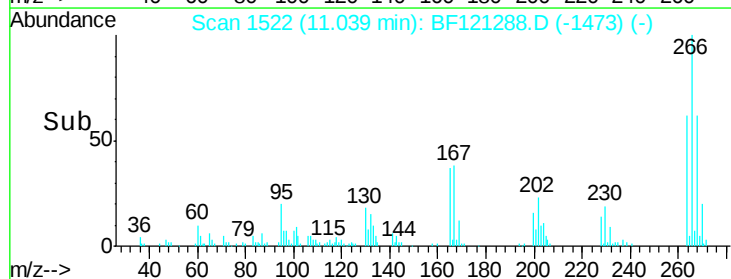
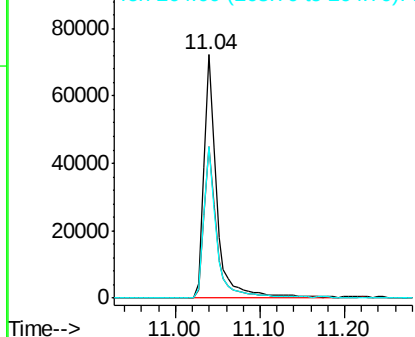


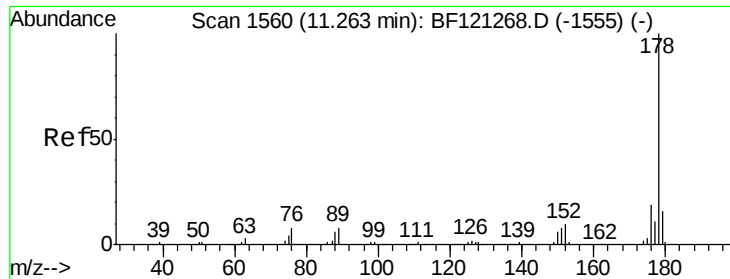
#70
Pentachlorophenol
Concen: 45.341 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.0	76.4
264	62.2	50.6	76.0



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

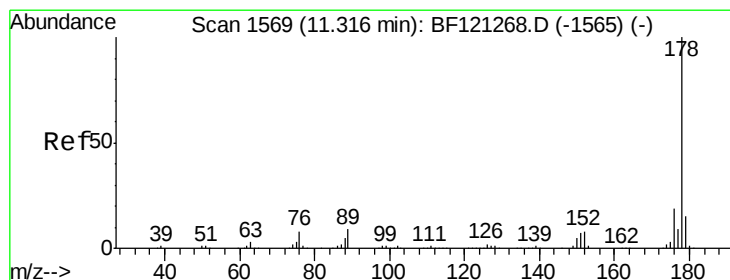
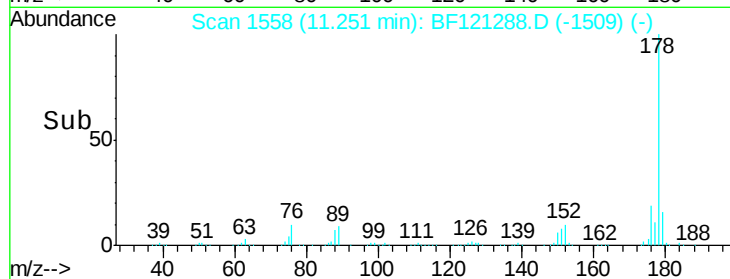
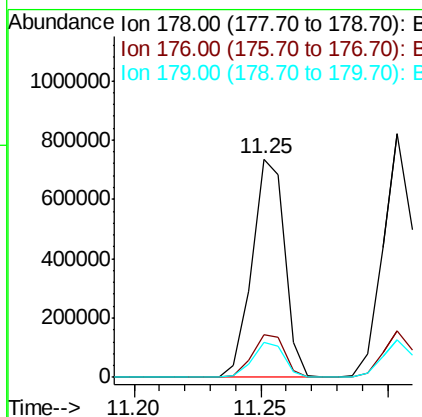
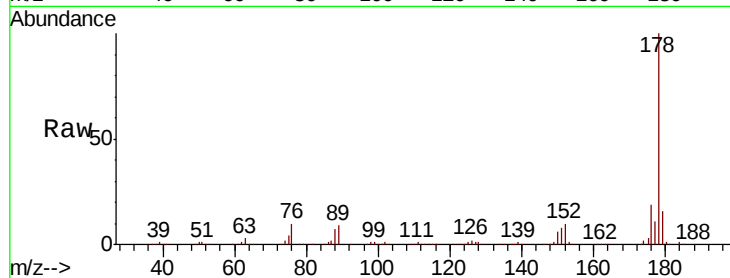




#71
 Phenanthrene
 Concen: 37.765 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

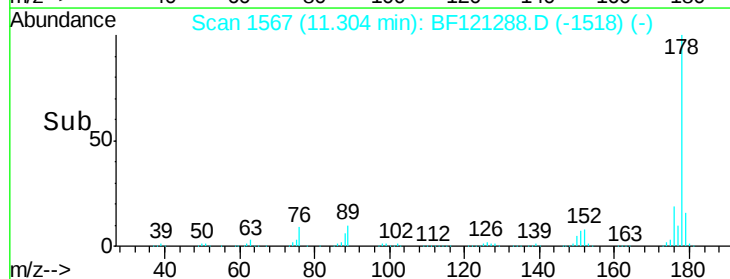
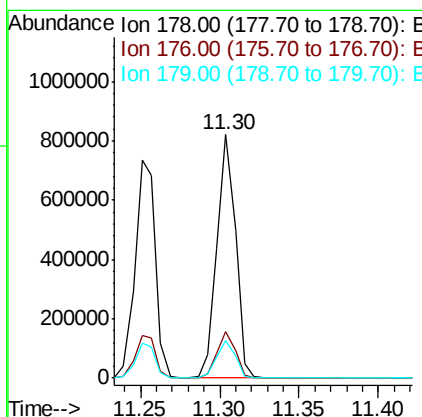
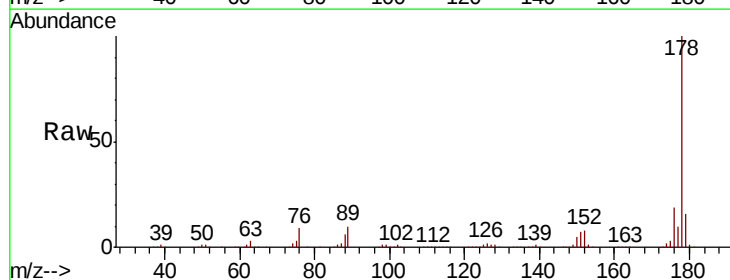
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

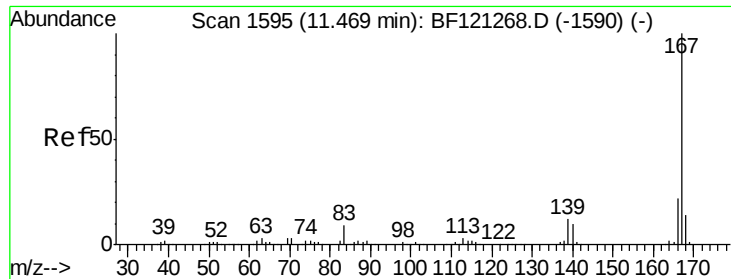
Tot Ion:178 Resp: 662333
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.9 12.6 19.0



#72
 Anthracene
 Concen: 38.087 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:178 Resp: 670312
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.6 12.4 18.6

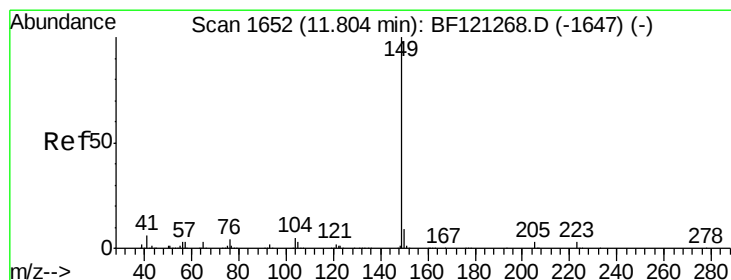
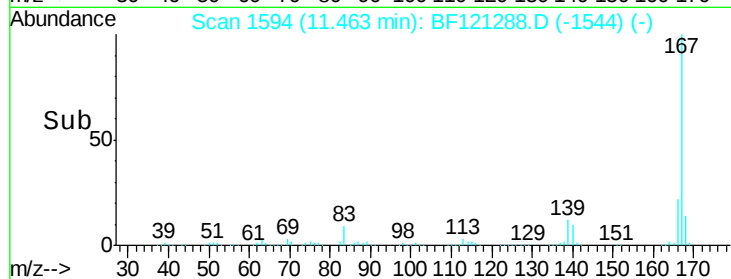
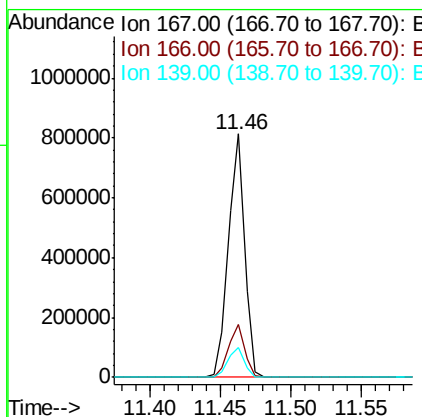
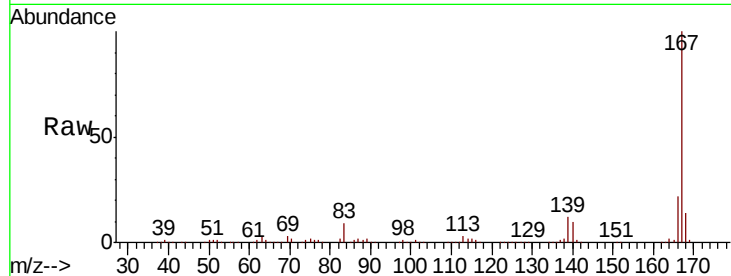




#73
 Carbazole
 Concen: 37.905 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

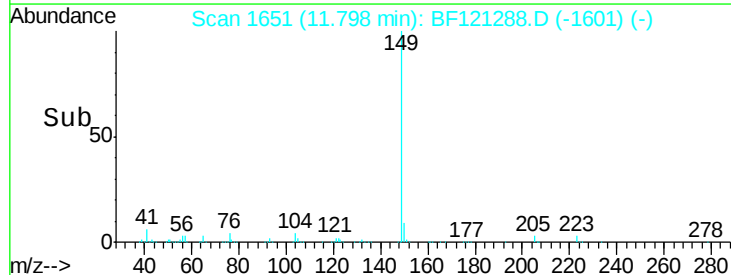
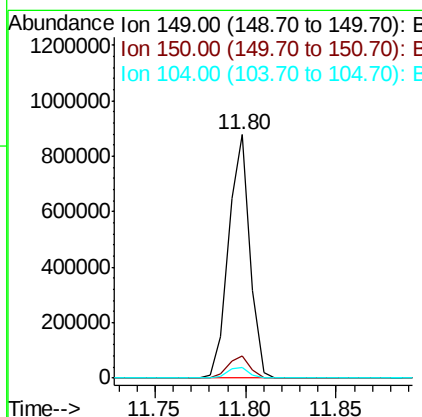
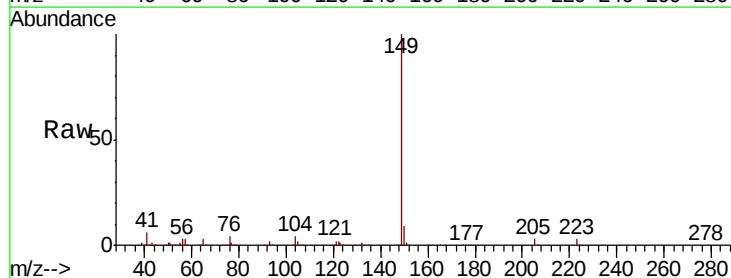
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

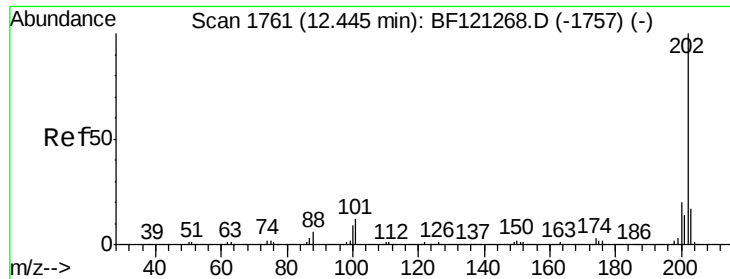
Tot Ion:167 Resp: 652430
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 12.3 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 36.716 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion:149 Resp: 713331
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.4 3.7 5.5

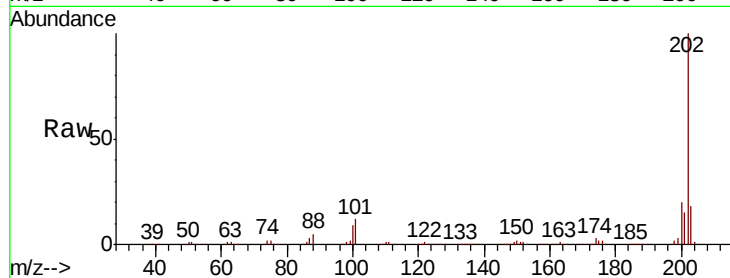




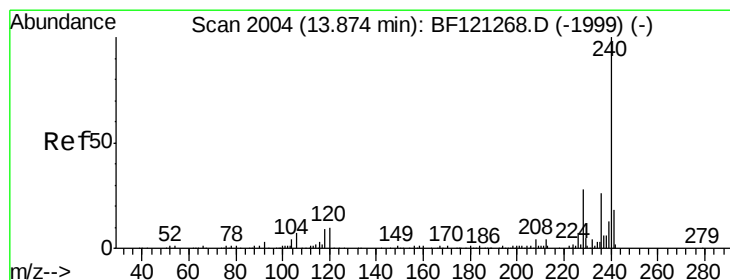
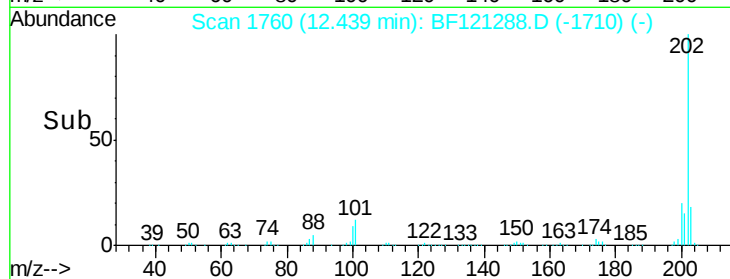
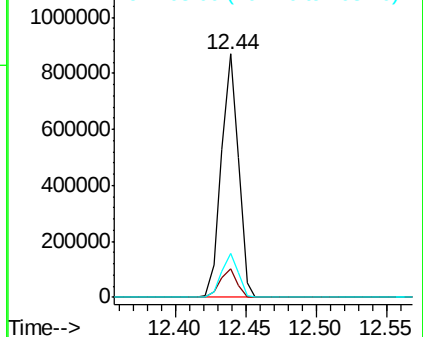
#75
Fluoranthene
 Concen: 37.603 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	18.0	0.0	38.0

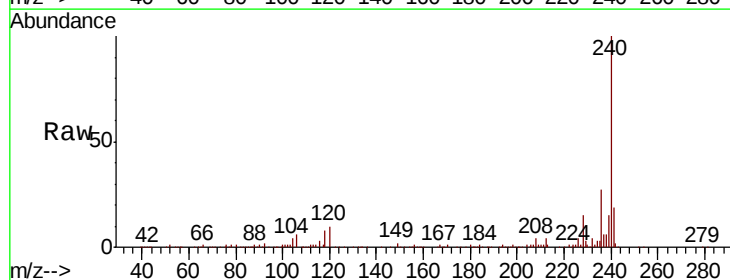


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

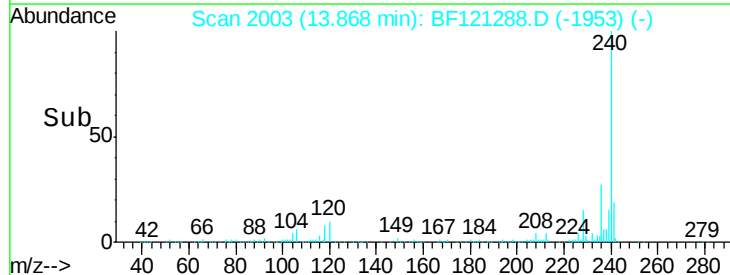
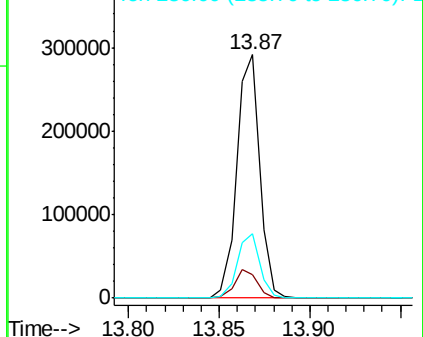


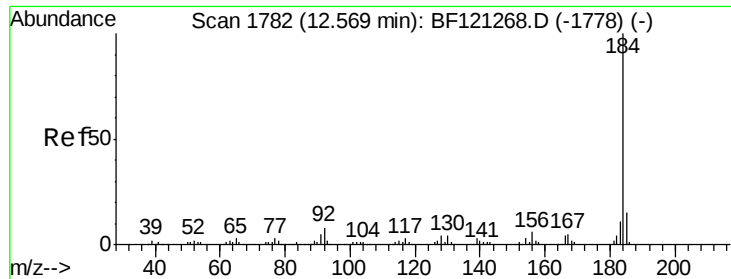
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.2	13.8
236	26.6	21.0	31.4



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





#77

Benzidine

Concen: 48.670 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

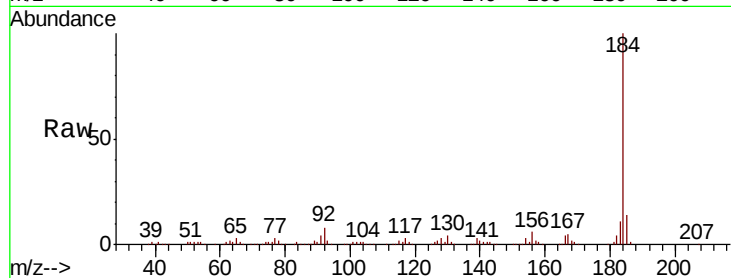
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 326898

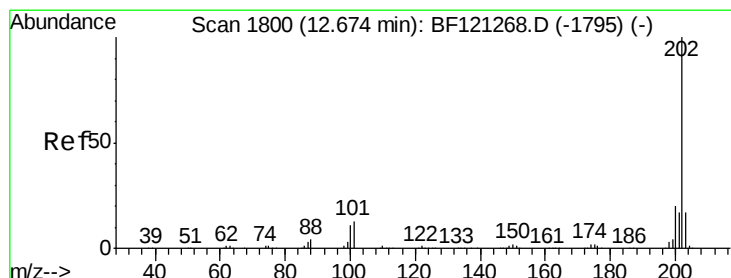
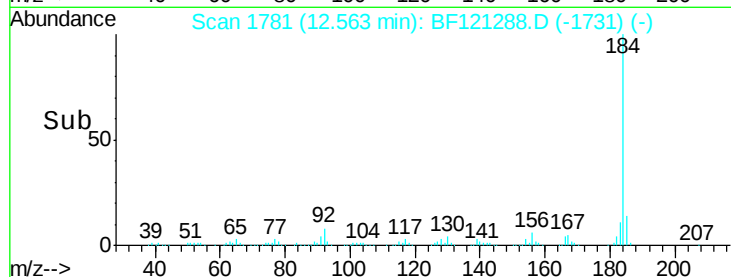
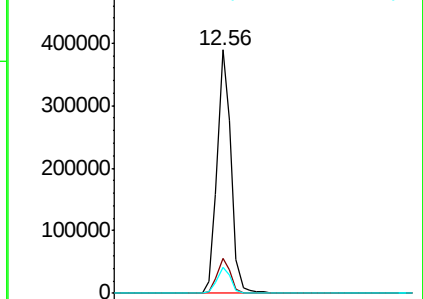
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	10.7	8.3	12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.067 ng

RT: 12.67 min Scan# 1799

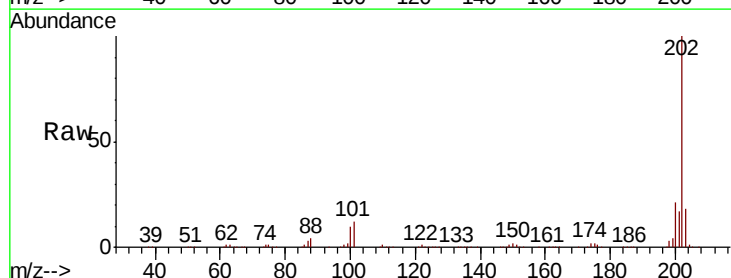
Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Tgt Ion:202 Resp: 762322

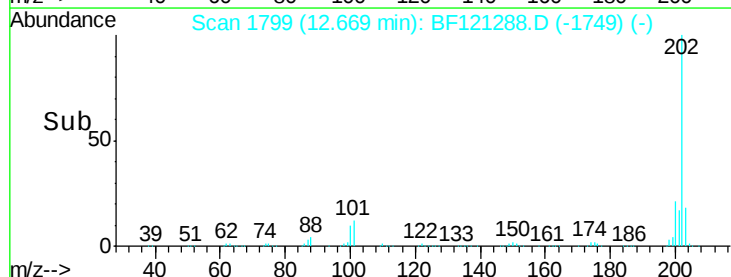
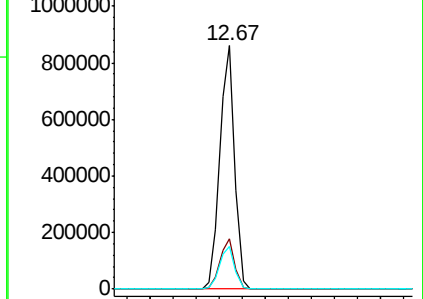
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.8	13.8	20.8

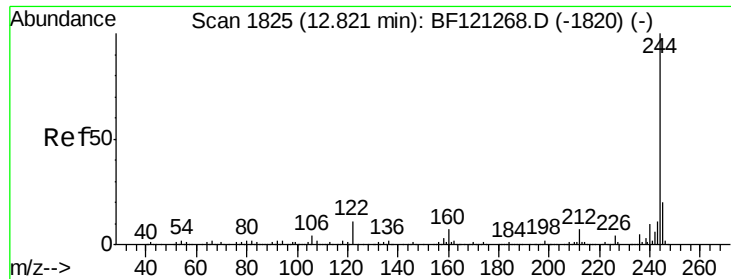


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

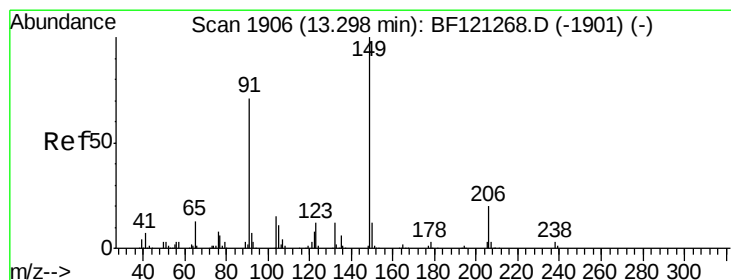
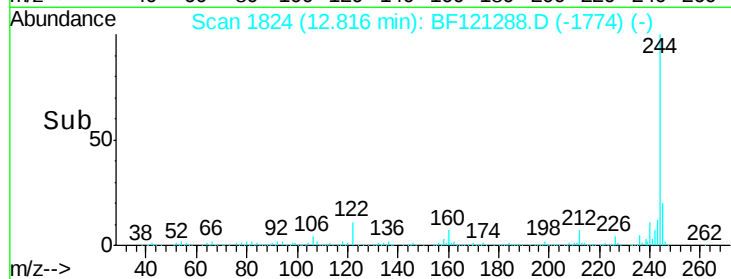
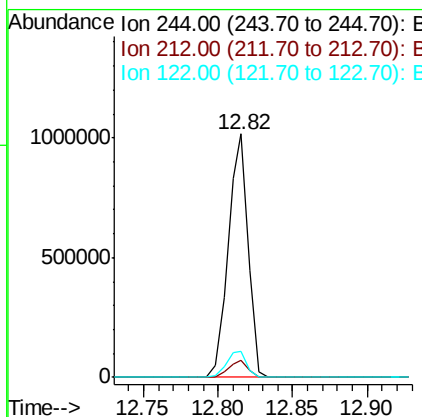
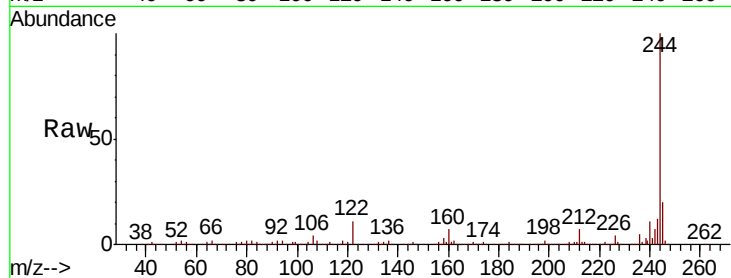




#79
 Terphenyl-d14
 Concen: 72.948 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

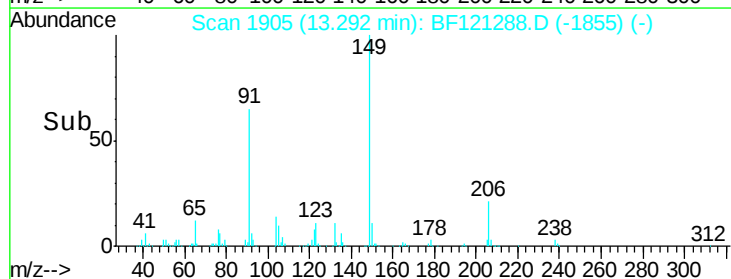
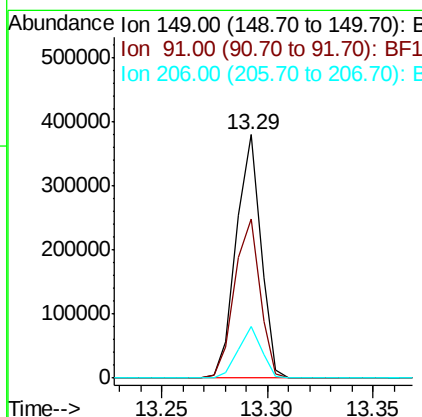
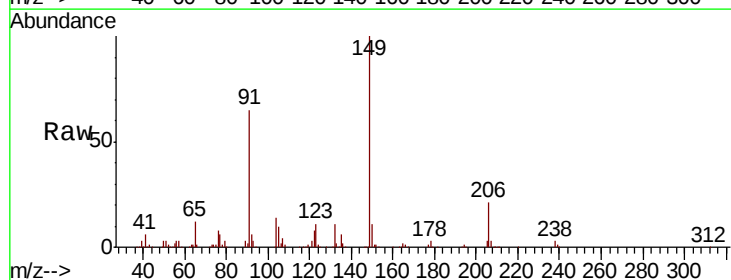
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

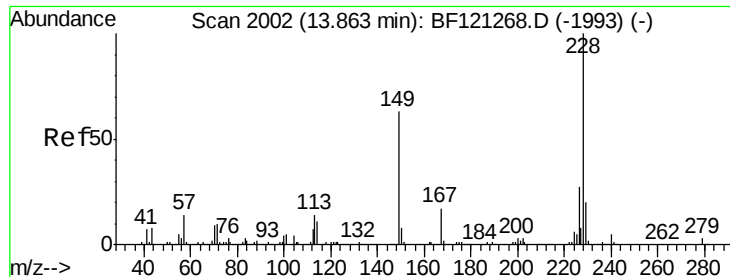
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.7	9.1	13.7



#80
 Butylbenzylphthalate
 Concen: 39.297 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	55.4	83.2
206	21.1	16.0	24.0





#81

Benzo(a)anthracene

Concen: 37.800 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

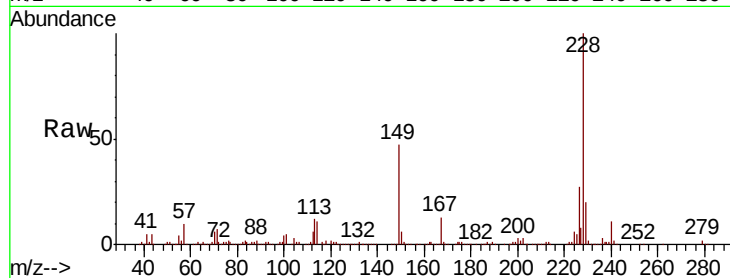
Tot Ion:228 Resp: 655029

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

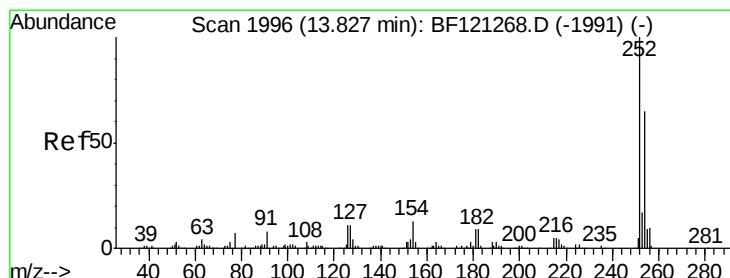
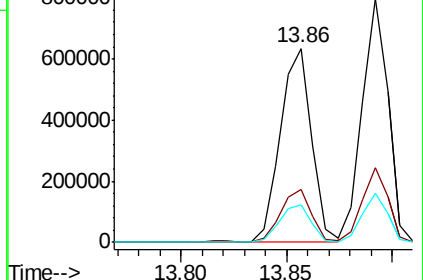
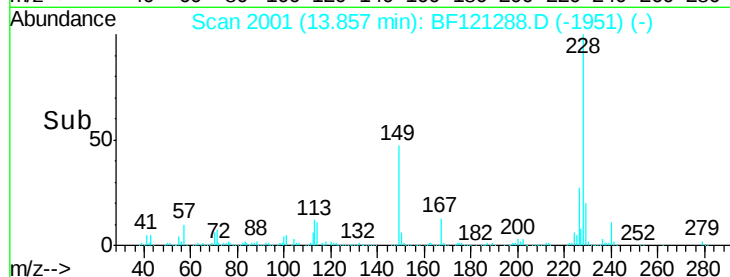
229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.691 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

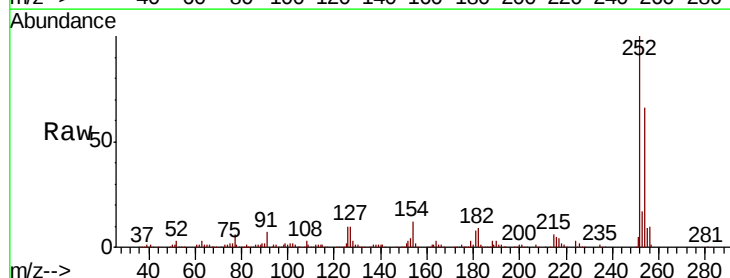
Tgt Ion:252 Resp: 272888

Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.2

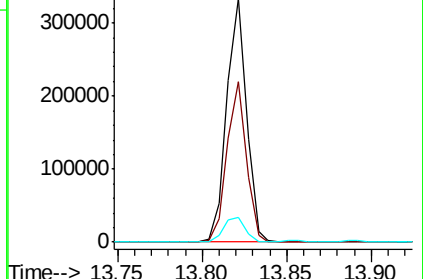
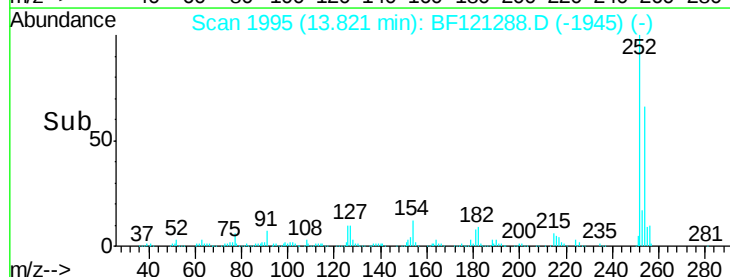
126 10.3 9.7 14.5

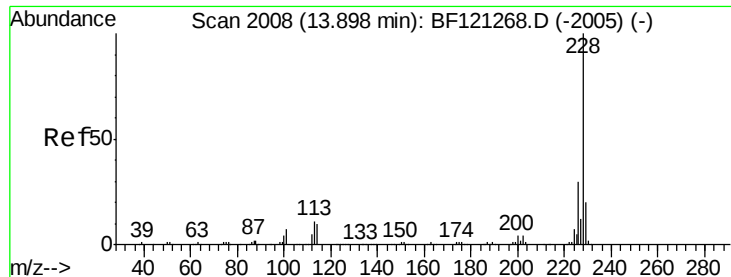


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

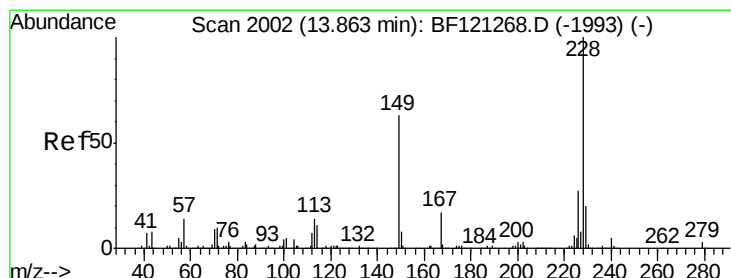
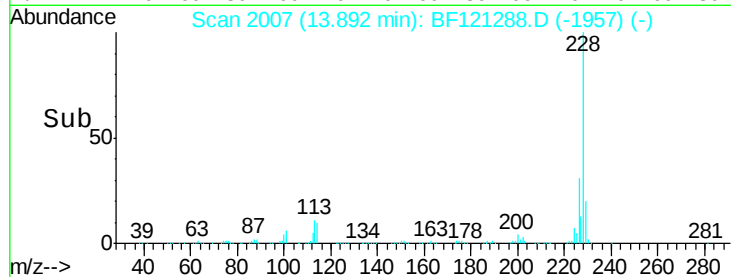
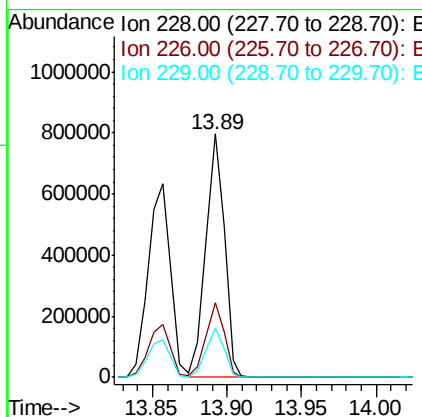
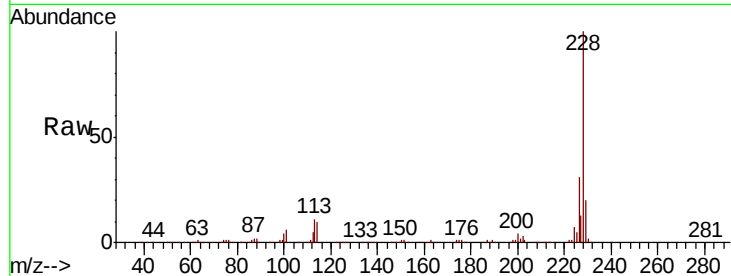




#83
Chrysene
Concen: 38.500 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

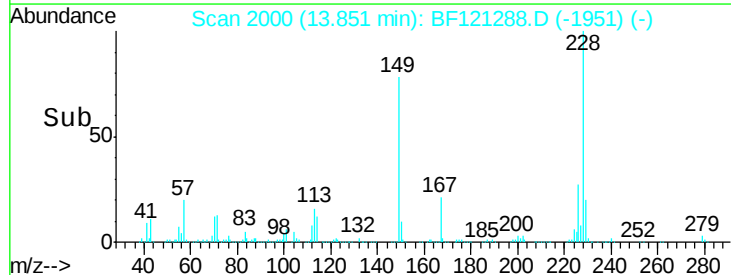
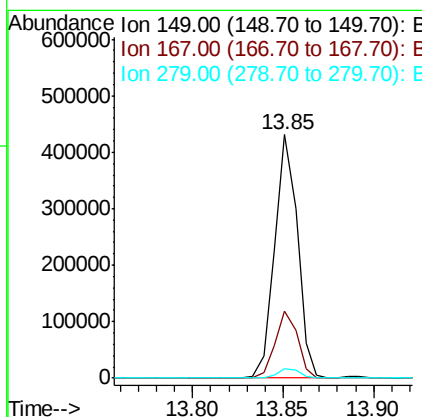
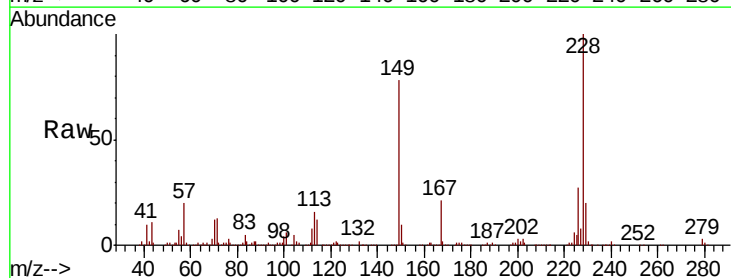
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

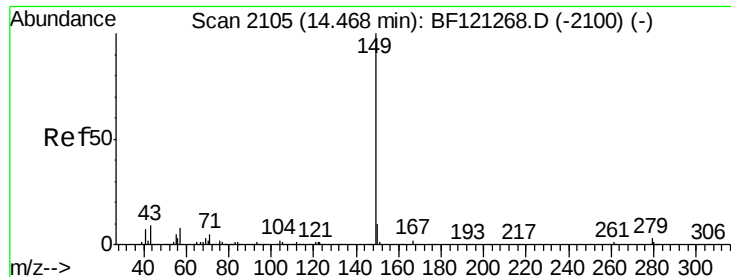
Tot Ion:228 Resp: 681170
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 20.1 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.114 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:149 Resp: 376141
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.568 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

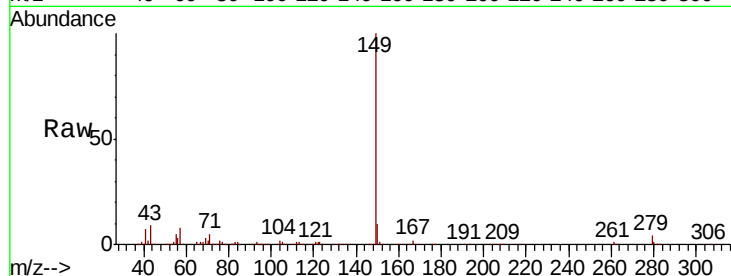
Tot Ion:149 Resp: 718187

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

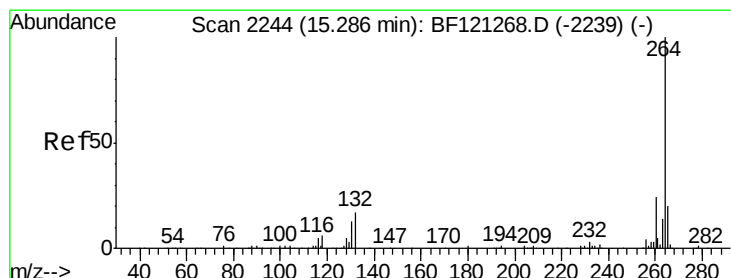
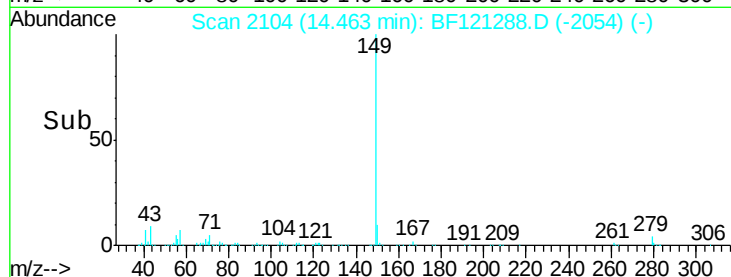
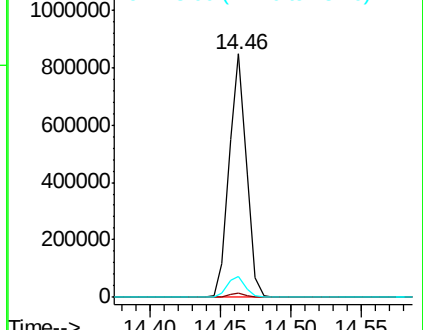
43 9.0 7.4 11.0



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

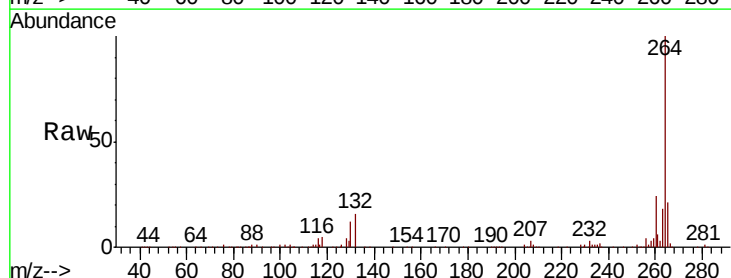
Tgt Ion:264 Resp: 275476

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

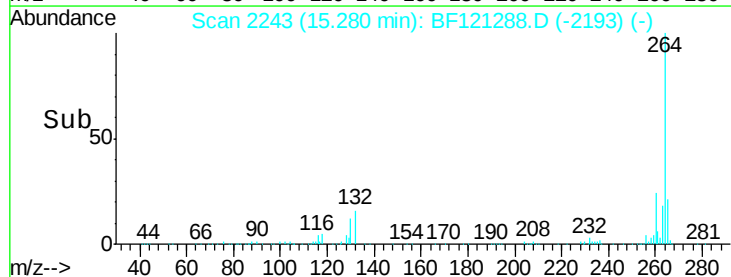
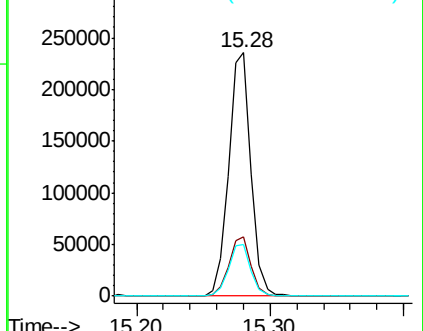
265 21.4 17.1 25.7

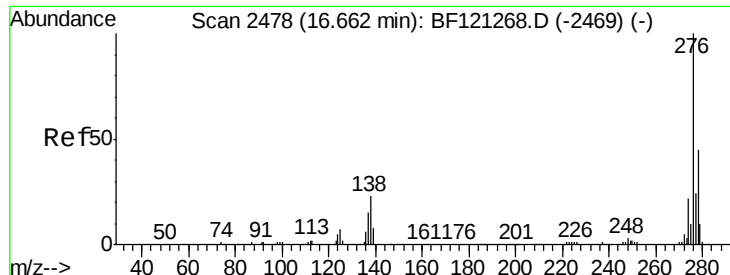


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

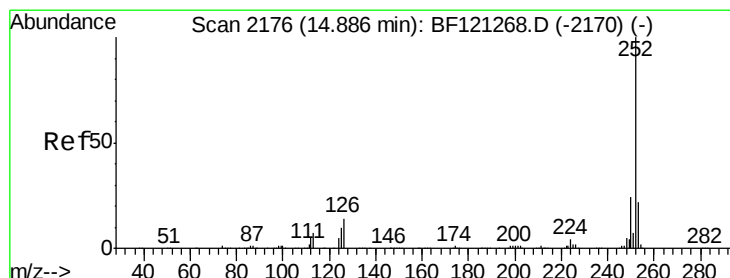
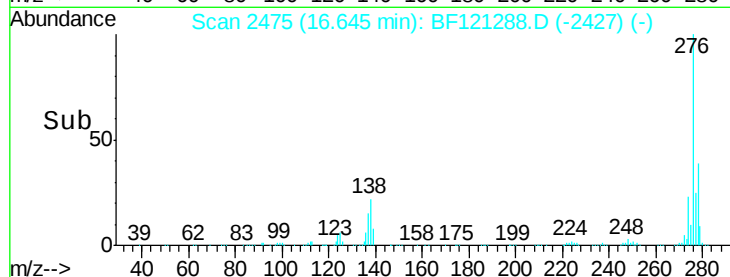
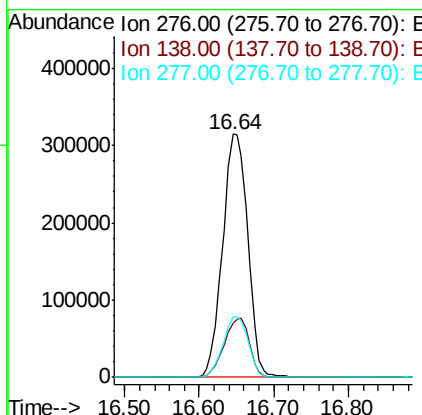
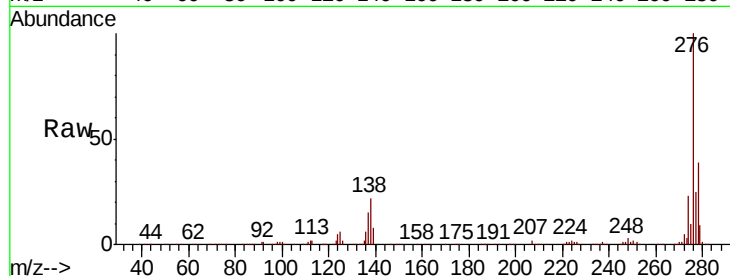




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.166 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.02 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

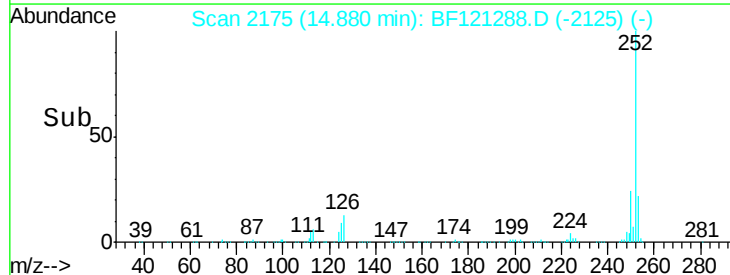
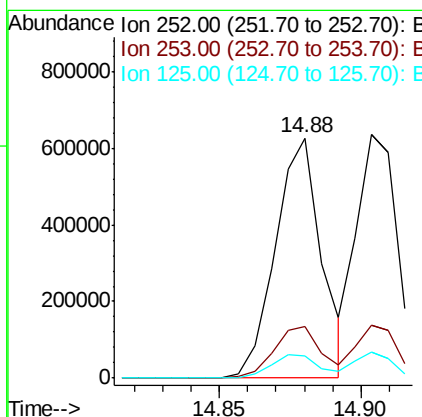
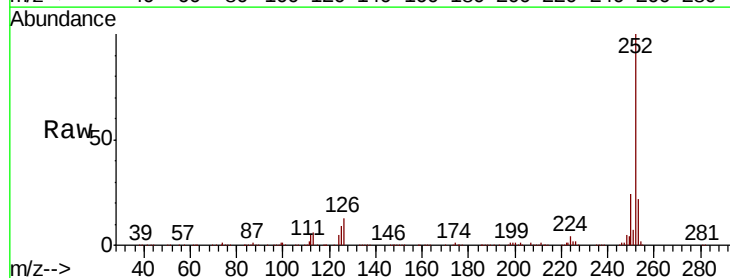
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

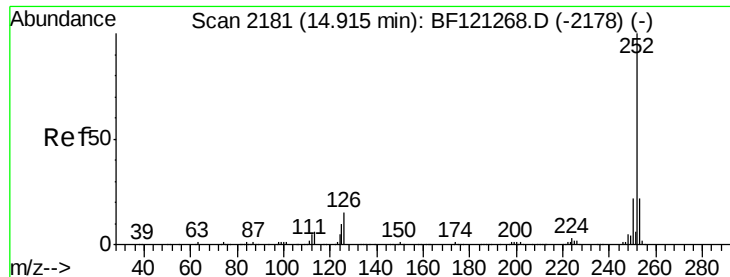
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.6	29.4
277	25.0	20.0	30.0



#88
 Benzo(b)fluoranthene
 Concen: 38.481 ng
 RT: 14.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BF121288.D
 Acq: 14 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.2	7.6	11.4

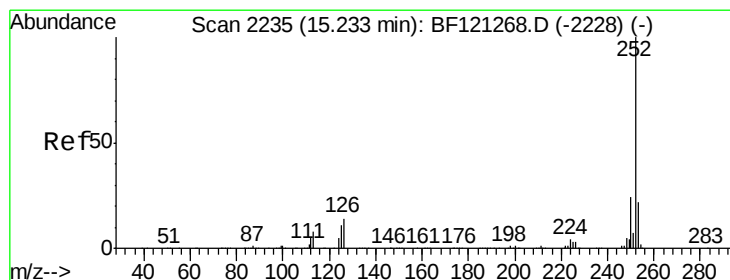
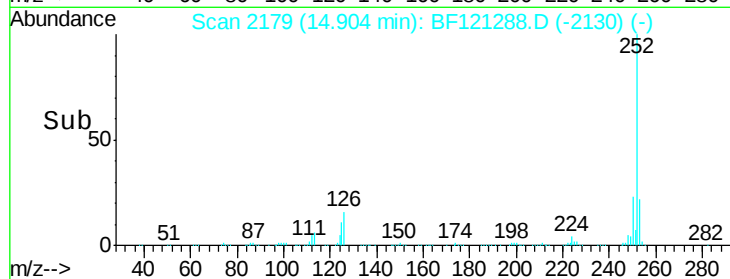
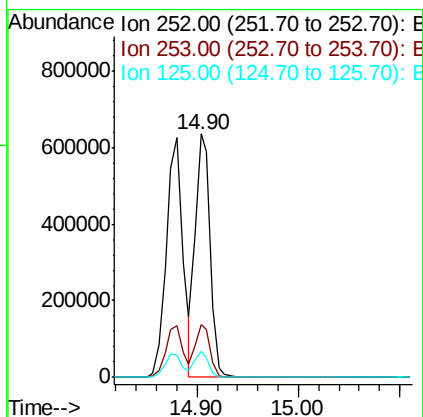
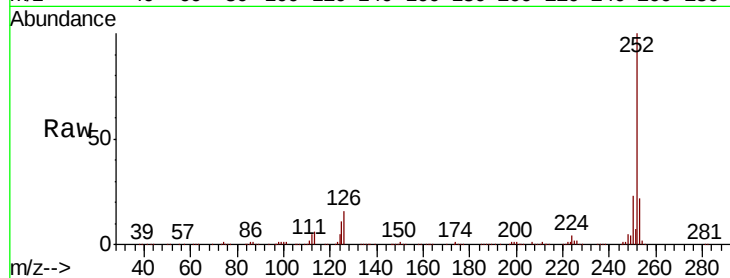




#89
Benzo(k)fluoranthene
Concen: 37.558 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

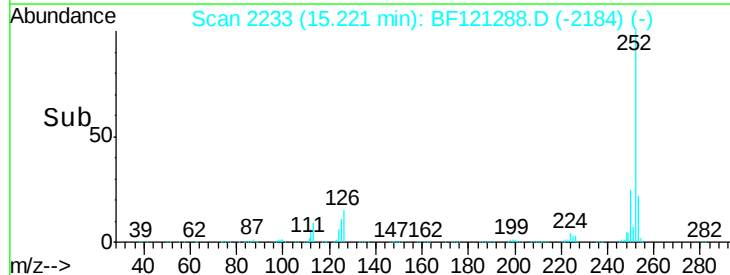
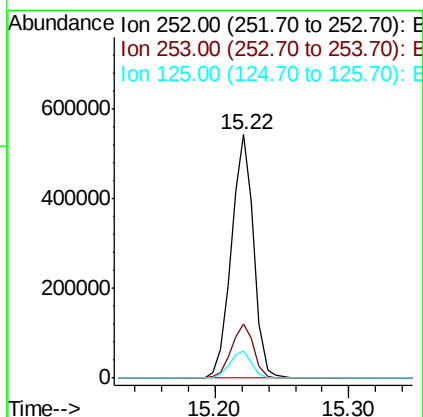
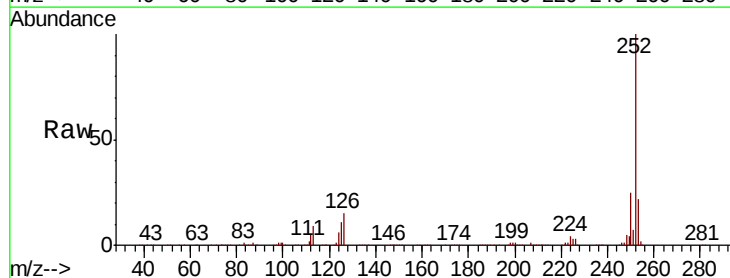
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

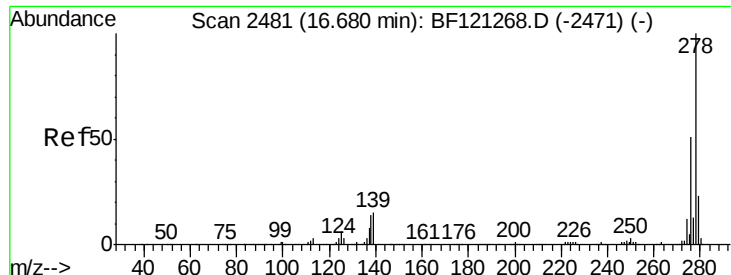
Tot Ion:252 Resp: 643764
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.093 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF121288.D
Acq: 14 Aug 2020 16:06

Tgt Ion:252 Resp: 634623
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.3 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 36.240 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

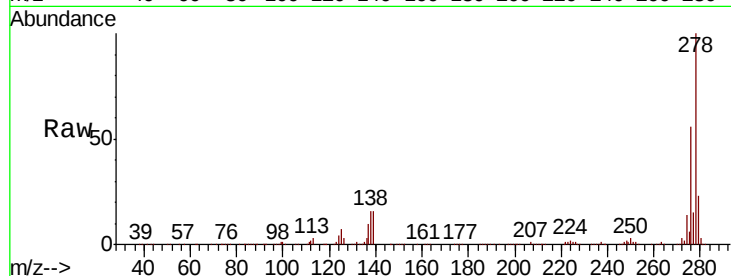
Tot Ion:278 Resp: 636002

Ion Ratio Lower Upper

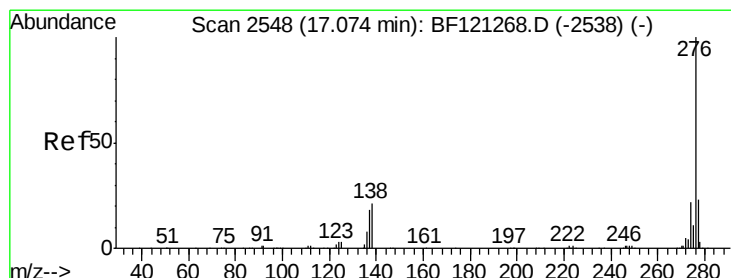
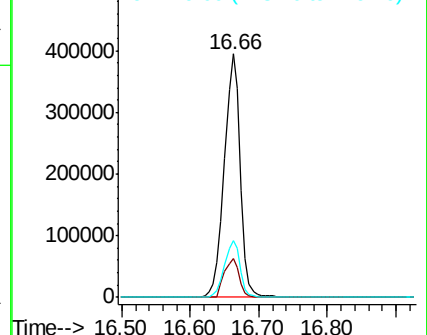
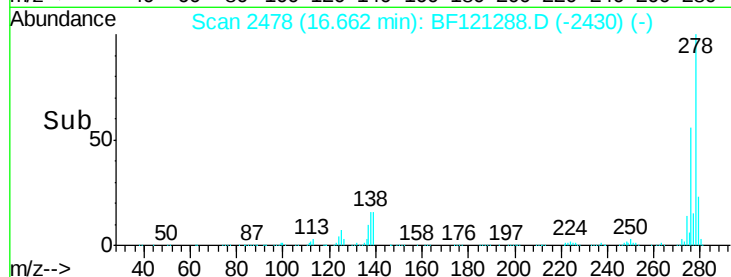
278 100

139 16.1 12.6 19.0

279 23.3 18.8 28.2



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: 35.793 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF121288.D

Acq: 14 Aug 2020 16:06

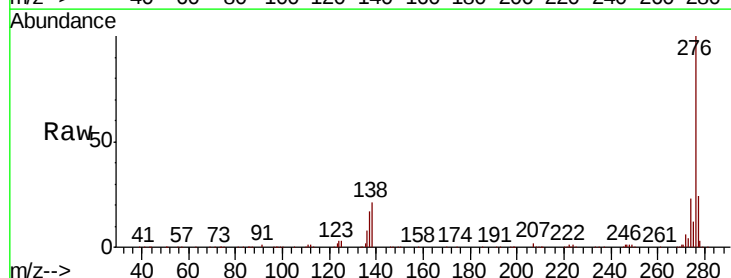
Tgt Ion:276 Resp: 619891

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 20.8 16.2 24.2



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

