

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118433.D
 Acq On : 2 Jan 2020 14:10
 Operator : JU
 Sample : K6462-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:39:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	65638	20.00	ng	0.01
21) Naphthalene-d8	8.16	136	236035	20.00	ng	0.02
39) Acenaphthene-d10	9.93	164	152158	20.00	ng	0.04
64) Phenanthrene-d10	11.43	188	215565	20.00	ng	0.04
76) Chrysene-d12	14.06	240	182625	20.00	ng	0.00
87) Perylene-d12	15.53	264	210663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	358726	93.29	ng	0.00
7) Phenol-d6	6.49	99	500457	104.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	360192	87.28	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	120058	63.89	ng	0.04
45) 2-Fluorobiphenyl	9.23	172	609352	61.13	ng	0.01
79) Terphenyl-d14	13.00	244	661147	60.06	ng	0.02

Target Compounds

						Qvalue
9) Benzaldehyde	6.42	77	151174	54.055	ng	# 1
15) Benzyl Alcohol	7.01	79	22460	6.184	ng	# 35
17) 2-Methylphenol	7.14	107	20558	5.886	ng	# 1
18) Hexachloroethane	7.36	117	90029	48.150	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	31959	10.876	ng	# 78
22) Acetophenone	7.26	105	916714	158.465	ng	# 50
24) Nitrobenzene	7.44	77	60918	14.736	ng	# 20
25) Isophorone	7.68	82	226774	31.530	ng	# 1
26) 2-Nitrophenol	7.77	139	14784	6.752	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	13045	4.366	ng	# 1
28) bis(2-Chloroethoxy)methane	7.90	93	58860	12.514	ng	# 1
29) 2,4-Dichlorophenol	7.99	162	18421	5.357	ng	# 21
31) Naphthalene	8.18	128	585139	48.774	ng	# 82
32) Benzoic acid	7.95	122	12745	10.131	ng	# 1
33) 4-Chloroaniline	8.25	127	12089	2.351	ng	# 1
35) Caprolactam	8.62	113	13783	12.839	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	22461	6.084	ng	# 43
37) 2-Methylnaphthalene	8.89	142	1144454	139.334	ng	# 97
38) 1-Methylnaphthalene	8.89	142	1144454	147.891	ng	# 98
43) 2,4,6-Trichlorophenol	9.18	196	7364	2.411	ng	# 18
44) 2,4,5-Trichlorophenol	9.18	196	7116	2.265	ng	# 1
46) 1,1'-Biphenyl	9.34	154	243217	20.209	ng	# 97
48) 2-Nitroaniline	9.46	65	5484	2.004	ng	# 44
49) Acenaphthylene	9.79	152	31311	2.180	ng	# 1
50) Dimethylphthalate	9.63	163	59212	5.184	ng	# 58
51) 2,6-Dinitrotoluene	9.72	165	9578	3.890	ng	# 53
52) Acenaphthene	9.96	154	45346	5.182	ng	# 33
53) 3-Nitroaniline	9.92	138	26986	9.337	ng	# 73
54) 2,4-Dinitrophenol	10.00	184	1245	6.122	ng	# 1
55) Dibenzofuran	10.13	168	70250	5.433	ng	# 1
56) 4-Nitrophenol	10.04	139	50730	28.433	ng	# 34
57) 2,4-Dinitrotoluene	10.14	165	37458	11.384	ng	# 64
58) Fluorene	10.48	166	115231	11.041	ng	# 71
63) Azobenzene	10.63	77	21696	2.242	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

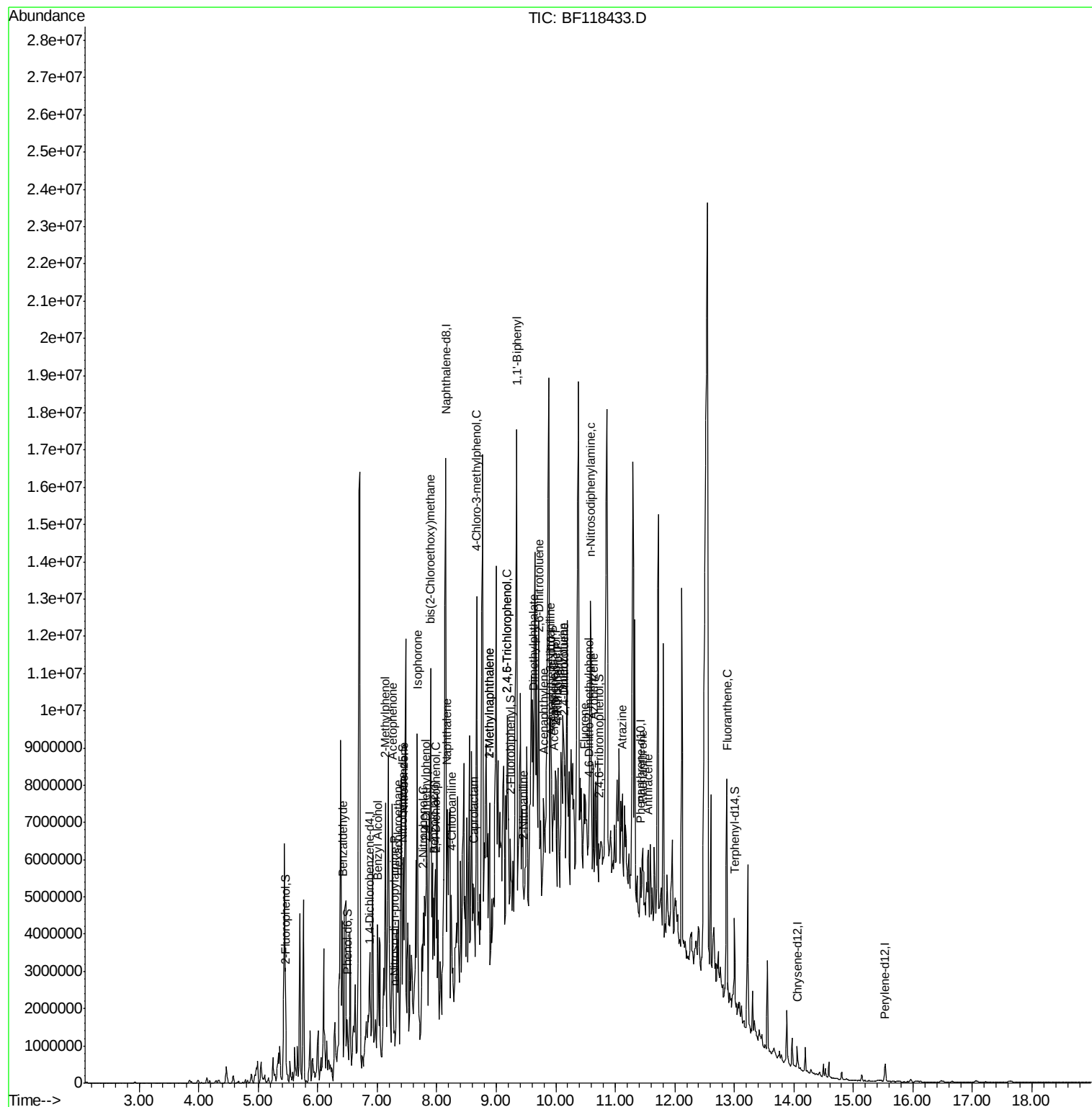
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 4,6-Dinitro-2-methylphenol	10.55	198	2500	2.150	nq	# 1
66) n-Nitrosodiphenylamine	10.59	169	291777	42.233	nq	# 54
69) Atrazine	11.12	200	39691	18.614	nq	70
71) Phenanthrene	11.45	178	134504	11.446	nq	# 85
72) Anthracene	11.54	178	74946	6.372	nq	# 1
75) Fluoranthene	12.88	202	63714	5.372	nq	78

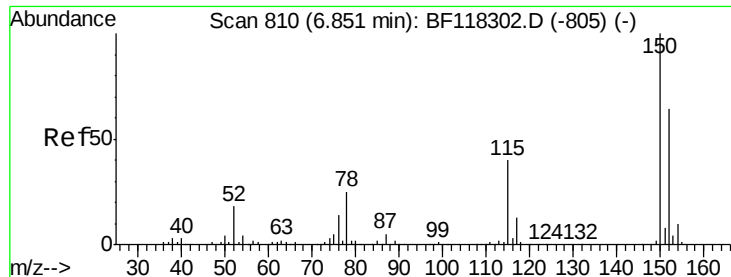
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF118433.D
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Instrument :
BNA_F
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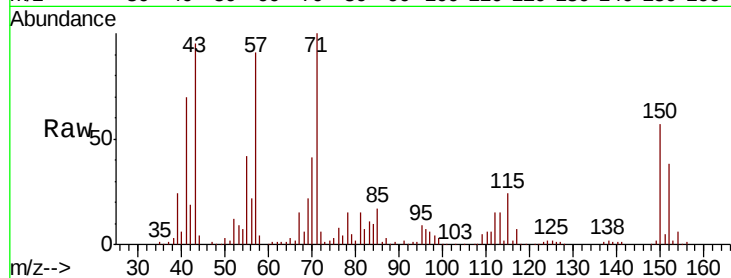


#1

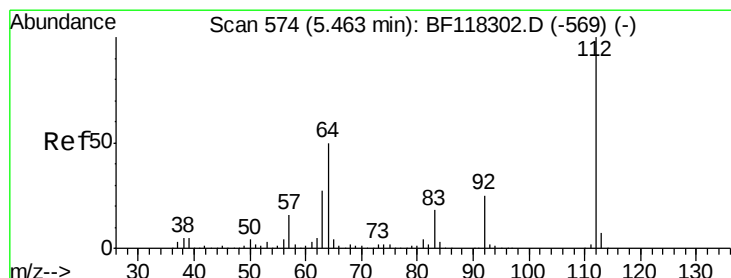
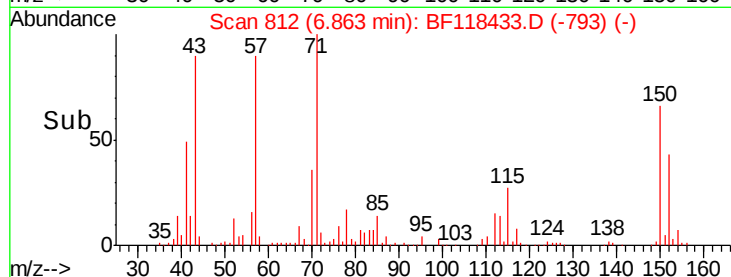
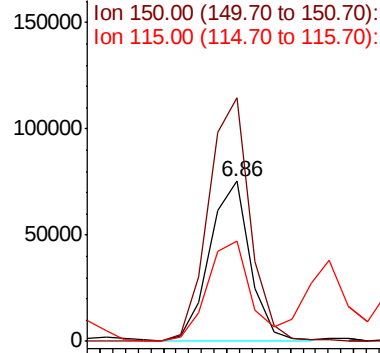
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 65638
Ion Ratio Lower Upper
152 100
150 152.3 125.4 188.2
115 63.0 50.2 75.4



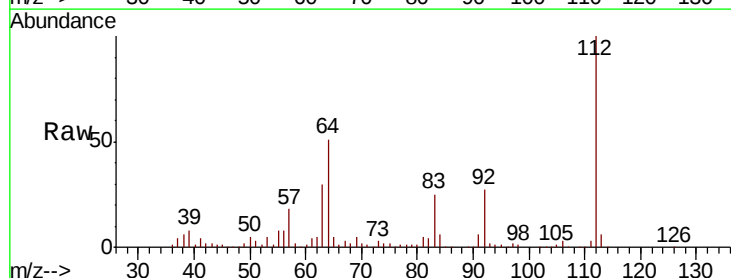
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



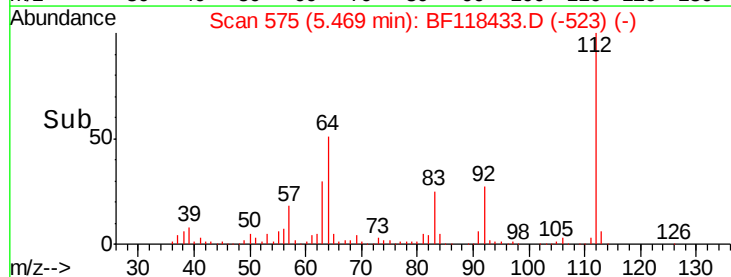
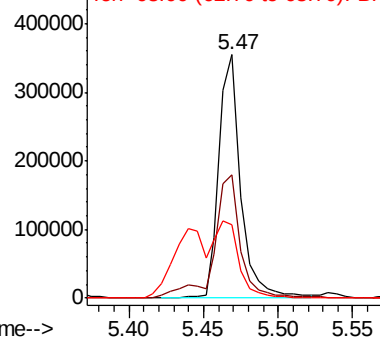
#5

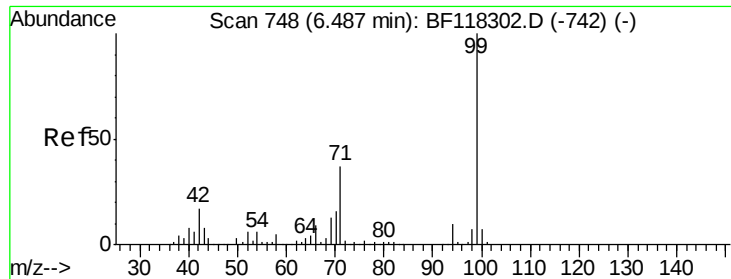
2-Fluorophenol
Concen: 93.291 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:112 Resp: 358726
Ion Ratio Lower Upper
112 100
64 50.5 39.7 59.5
63 29.9 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.915 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

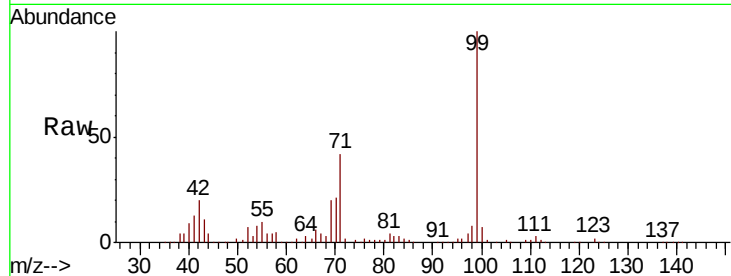
Tot Ion: 99 Resp: 500457

Ion Ratio Lower Upper

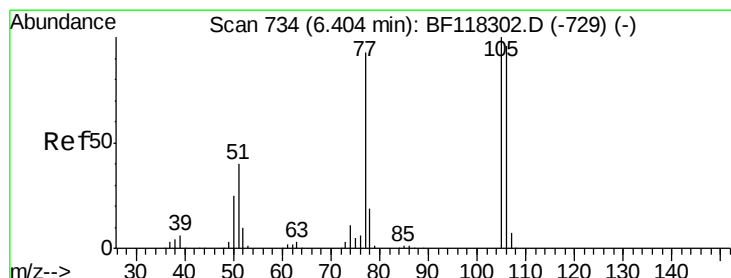
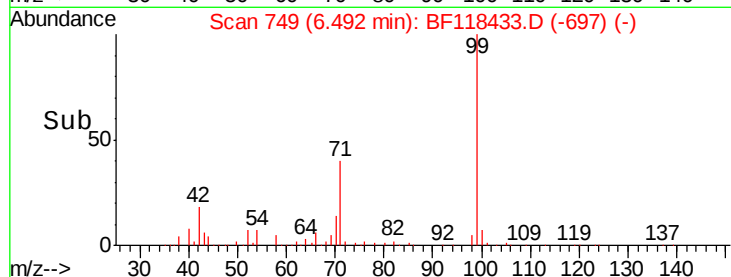
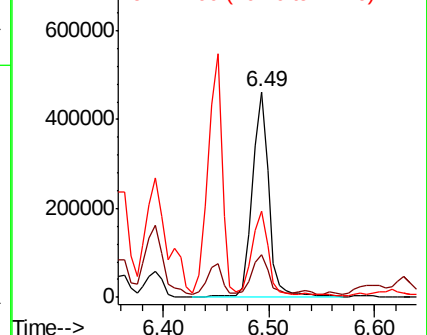
99 100

42 20.5 13.5 20.3#

71 41.8 29.4 44.2



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



#9

Benzaldehyde

Concen: 54.055 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

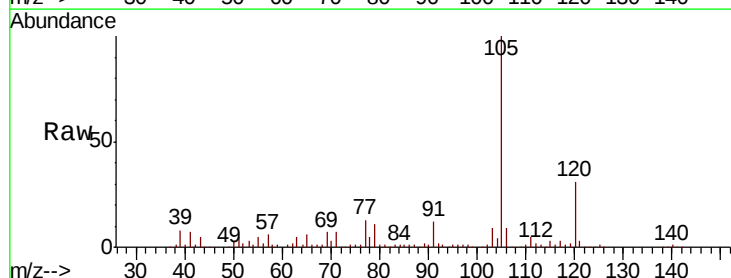
Tgt Ion: 77 Resp: 151174

Ion Ratio Lower Upper

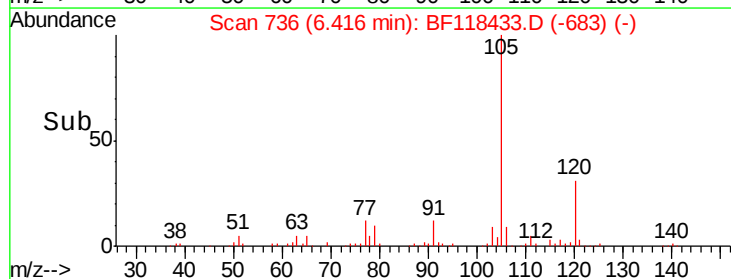
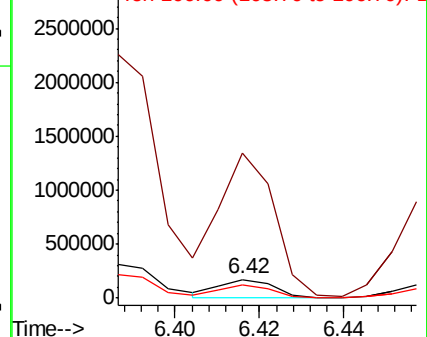
77 100

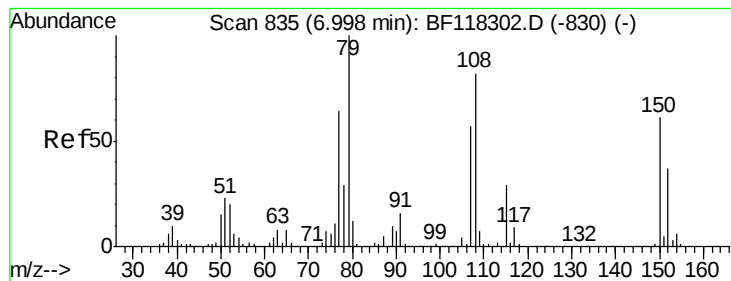
105 790.4 87.5 127.5#

106 72.4 83.6 123.6#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 6.184 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

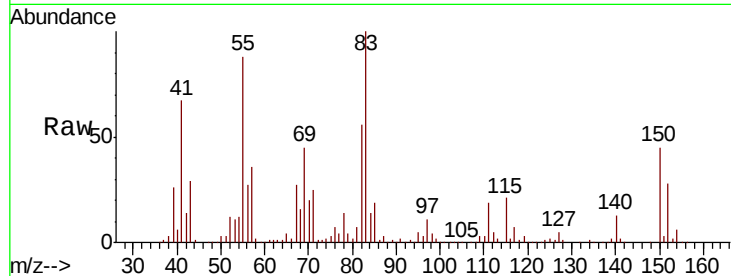
Tot Ion: 79 Resp: 22460

Ion Ratio Lower Upper

79 100

108 9.1 65.4 98.0#

77 99.7 51.4 77.0#

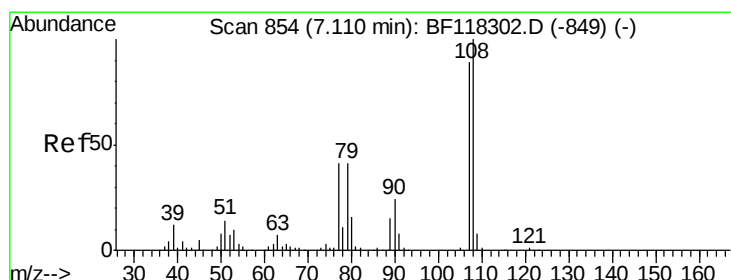
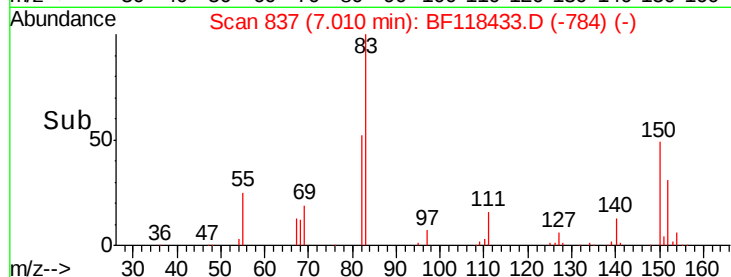
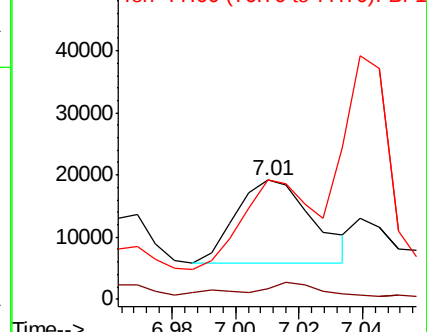


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 5.886 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.03 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Tgt Ion: 107 Resp: 20558

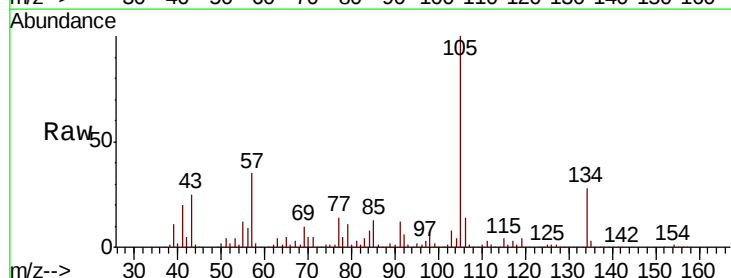
Ion Ratio Lower Upper

107 100

108 5.0 89.7 134.5#

77 1502.9 37.2 55.8#

79 1187.4 36.7 55.1#



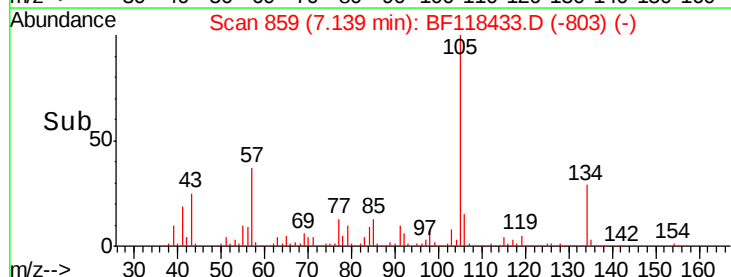
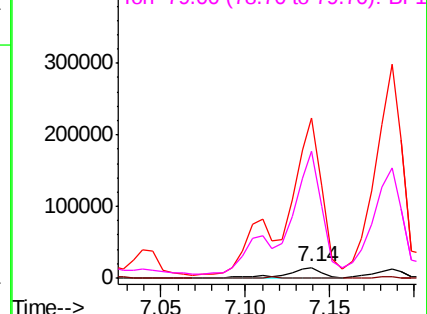
Abundance

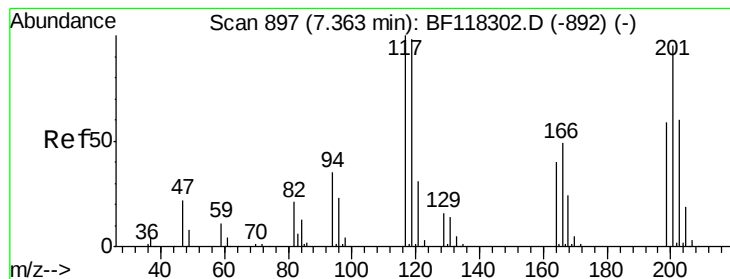
Ion 107.00 (106.70 to 107.70): E

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: 48.150 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

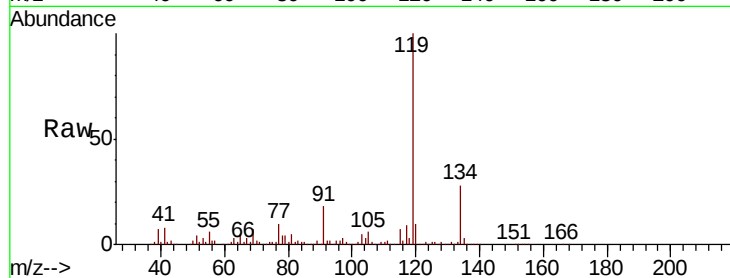
Tot Ion:117 Resp: 90029

Ion Ratio Lower Upper

117 100

119 1156.3 78.0 117.0#

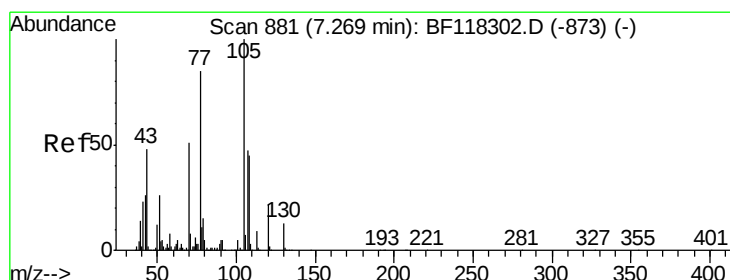
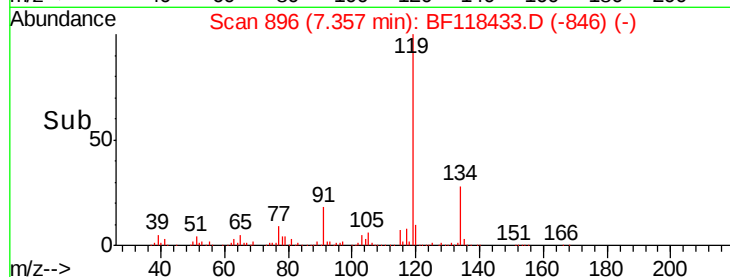
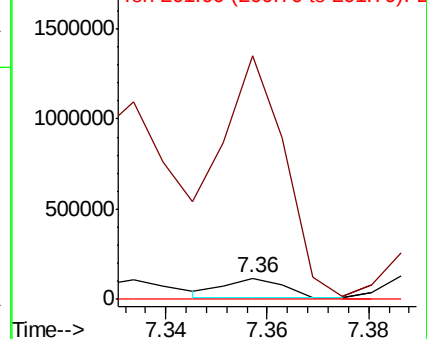
201 0.0 76.2 114.2#



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: 10.876 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Tgt Ion: 70 Resp: 31959

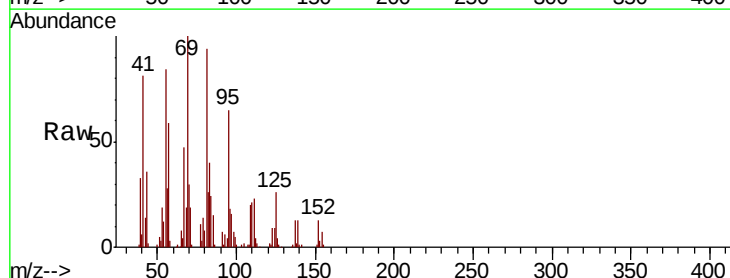
Ion Ratio Lower Upper

70 100

42 46.5 41.1 61.7

101 0.0 8.3 12.5#

130 0.0 20.1 30.1#

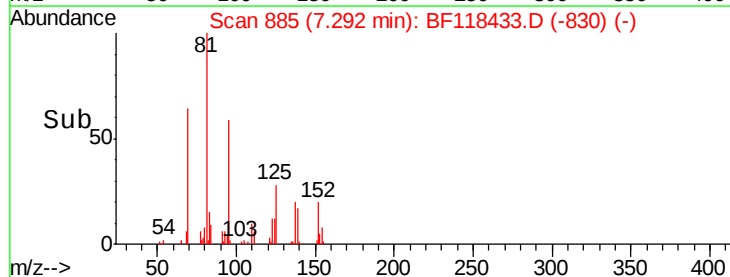
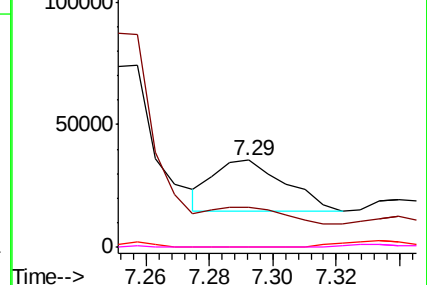


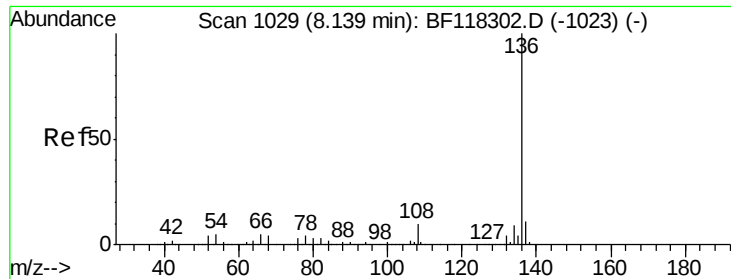
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 236035

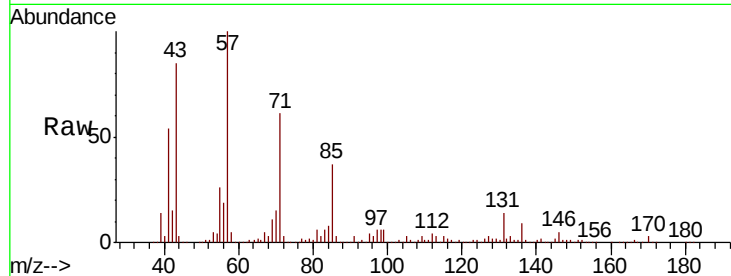
Ion Ratio Lower Upper

136 100

137 15.9 8.9 13.3#

54 40.1 4.2 6.4#

68 29.2 3.5 5.3#

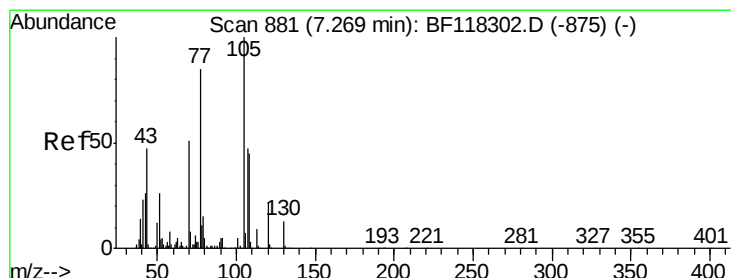
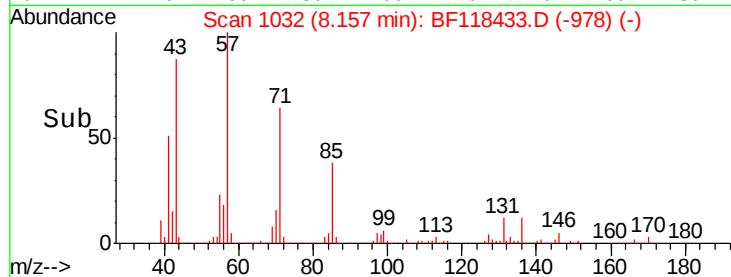
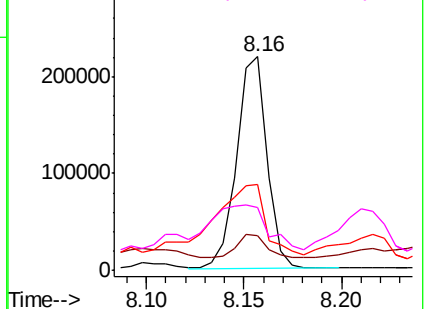


Abundance Ion 136.00 (135.70 to 136.70): E

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: 158.465 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Tgt Ion:105 Resp: 916714

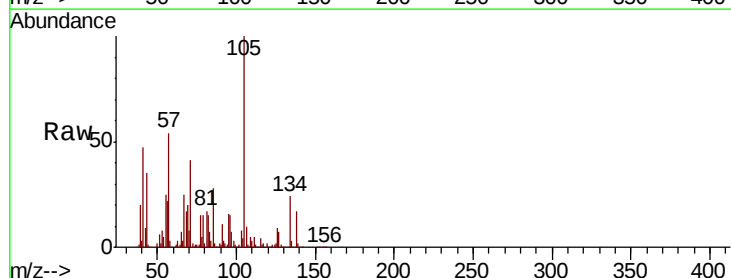
Ion Ratio Lower Upper

105 100

71 40.7 6.6 9.8#

51 5.9 20.6 30.8#

120 0.2 18.0 27.0#

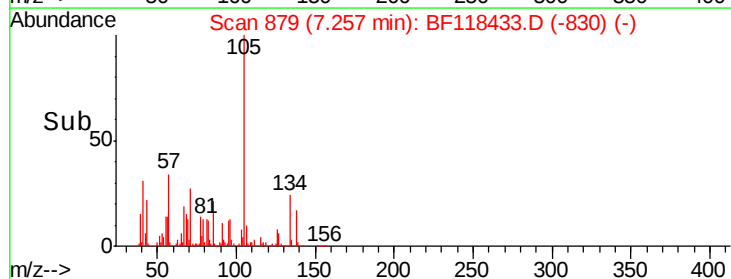
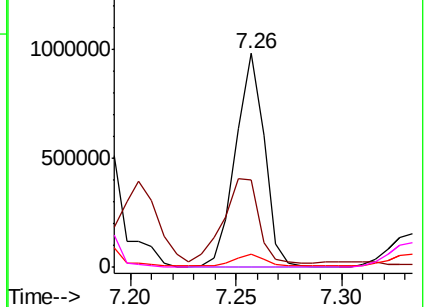


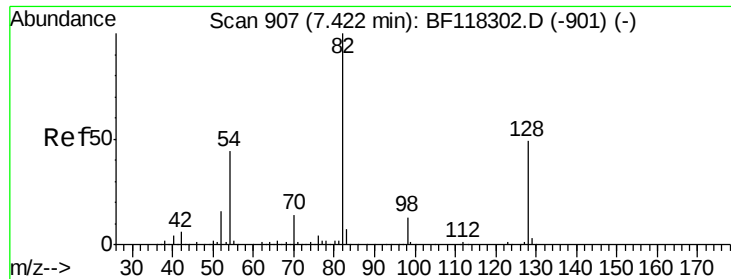
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

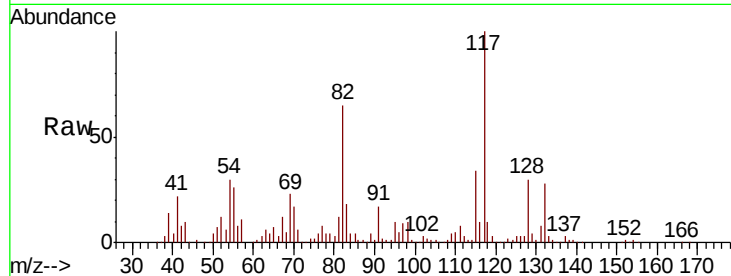




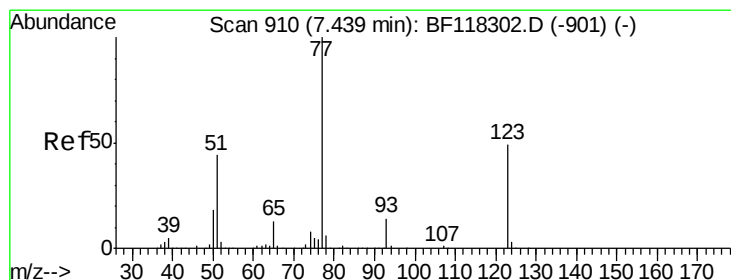
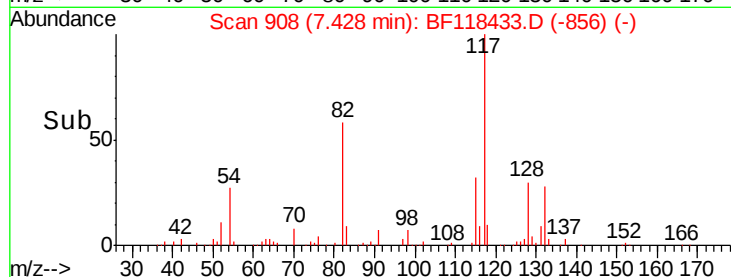
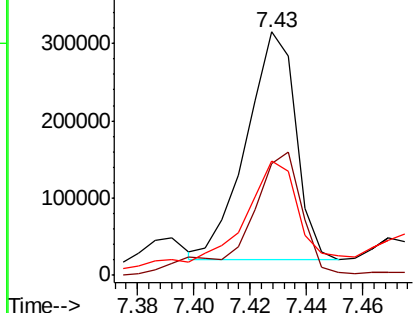
#23
 Nitrobenzene-d5
 Concen: 87.280 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118433.D
 Acq: 2 Jan 2020 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	360192
Ion Ratio	100	Lower	Upper
128	45.7	39.6	59.4
54	47.1	34.9	52.3

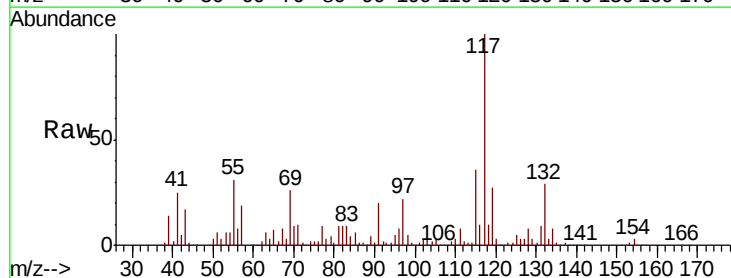


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

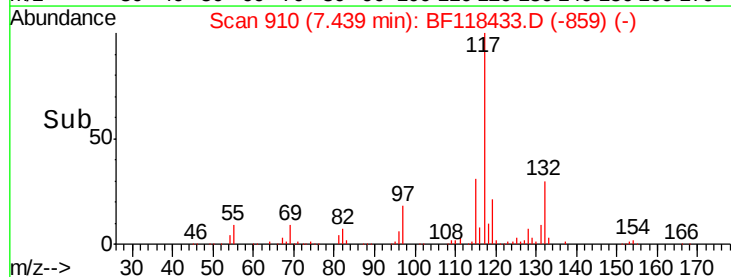
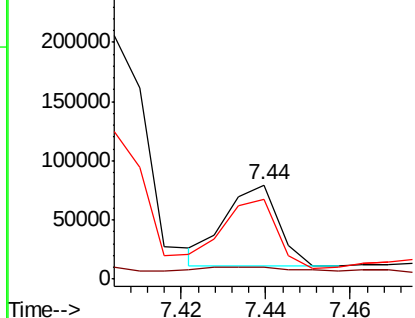


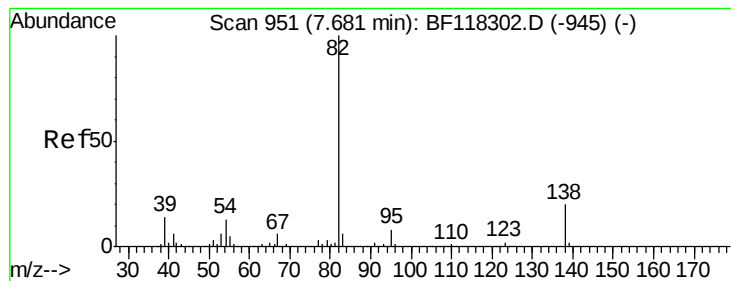
#24
 Nitrobenzene
 Concen: 14.736 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118433.D
 Acq: 2 Jan 2020 14:10

Tgt Ion	77	Resp	60918
Ion Ratio	100	Lower	Upper
123	12.4	39.1	58.7#
65	84.7	10.6	16.0#



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: 31.530 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

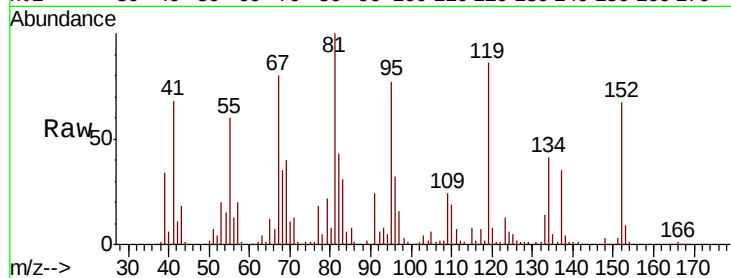
Tot Ion: 82 Resp: 226774

Ion Ratio Lower Upper

82 100

95 180.1 6.3 9.5#

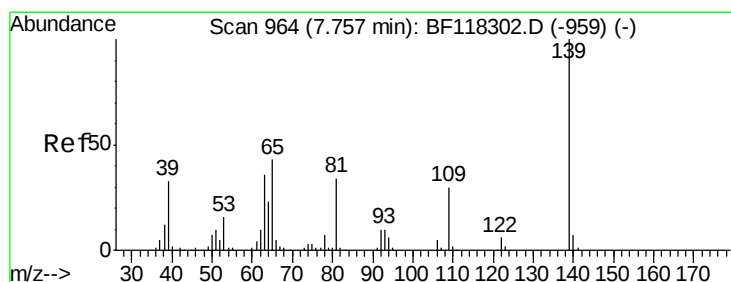
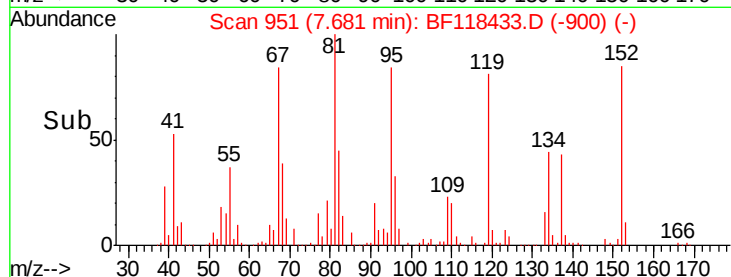
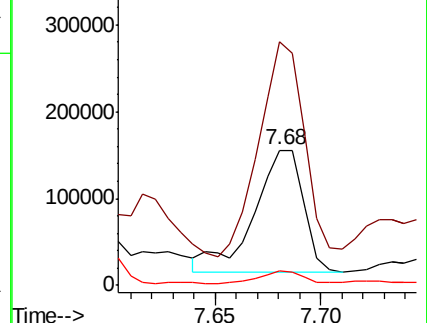
138 10.4 16.2 24.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 6.752 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

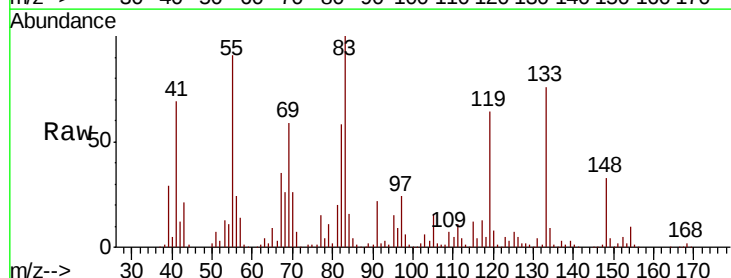
Tgt Ion: 139 Resp: 14784

Ion Ratio Lower Upper

139 100

109 232.2 24.1 36.1#

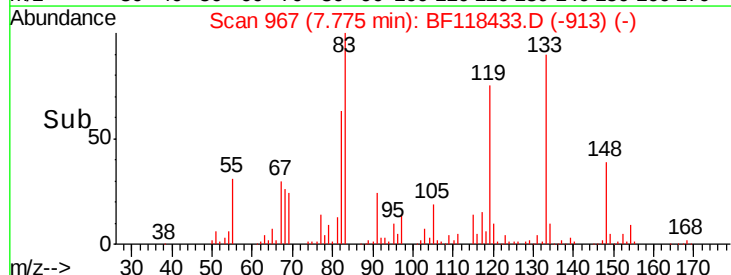
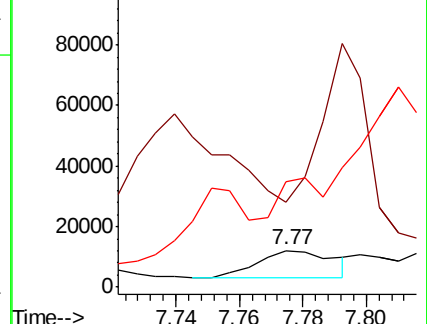
65 290.1 34.6 52.0#

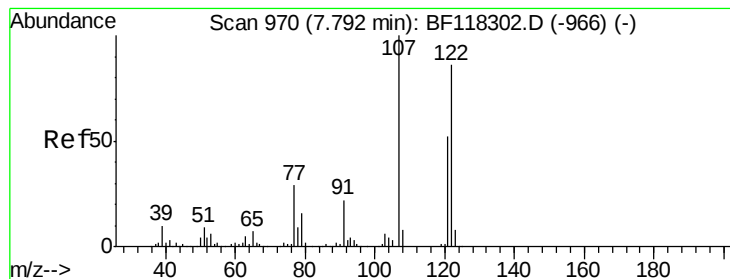


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 4.366 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

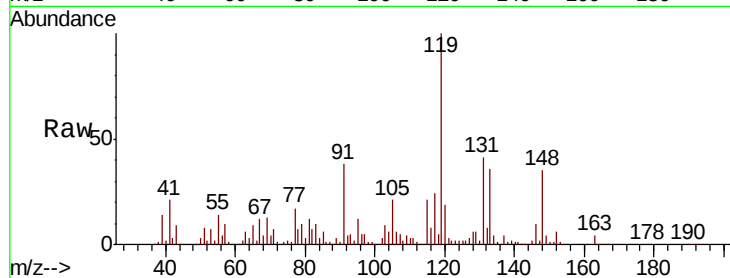
Tot Ion:122 Resp: 13045

Ion Ratio Lower Upper

122 100

107 321.1 92.9 139.3#

121 186.7 47.9 71.9#

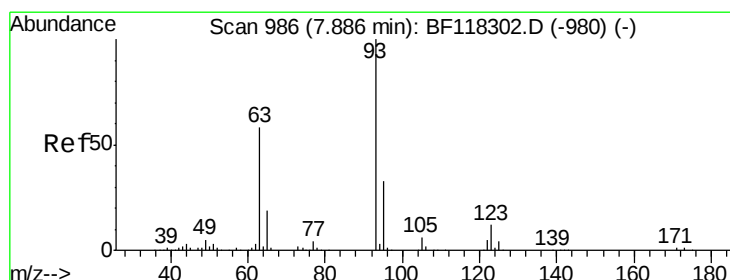
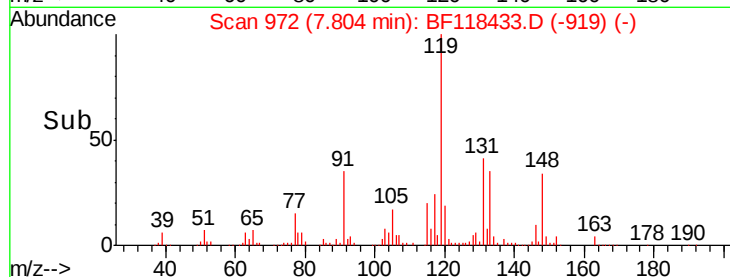
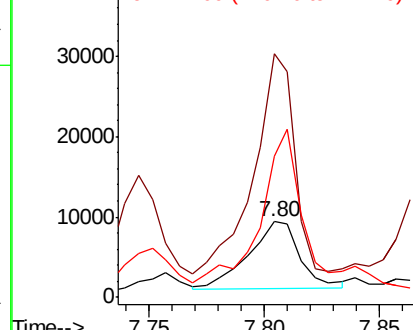


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 12.514 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

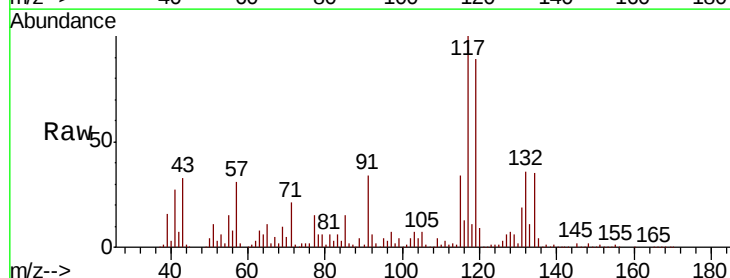
Tgt Ion: 93 Resp: 58860

Ion Ratio Lower Upper

93 100

95 198.5 26.2 39.4#

123 52.3 9.8 14.8#

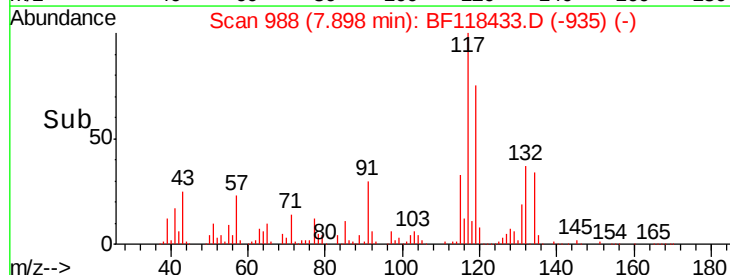
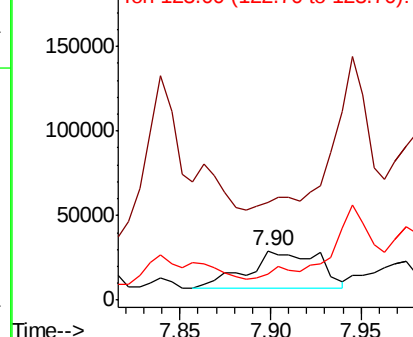


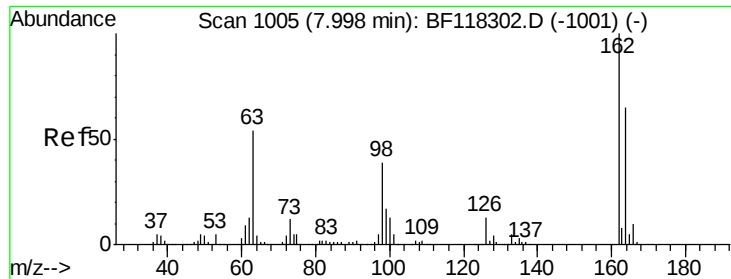
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

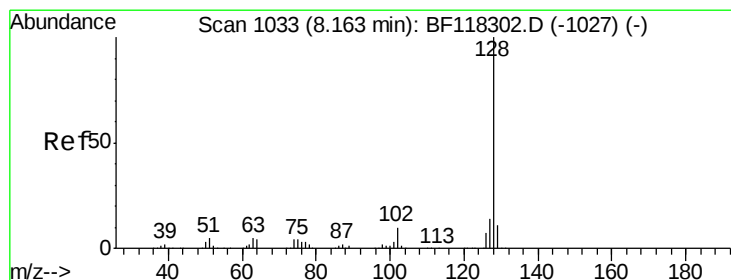
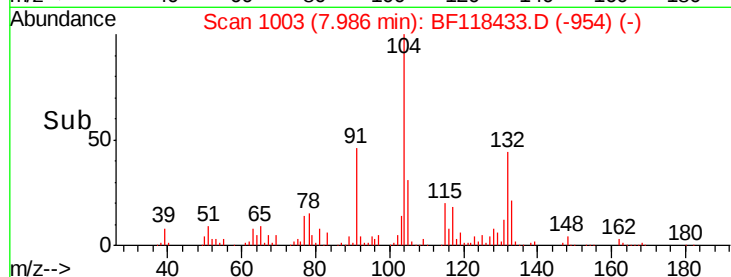
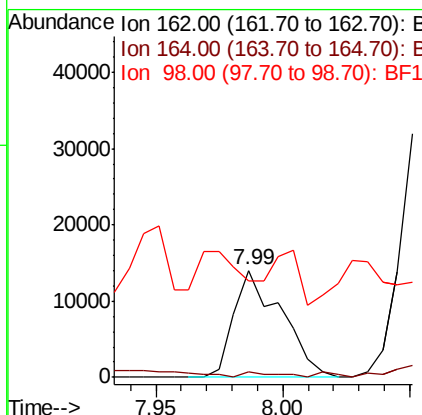
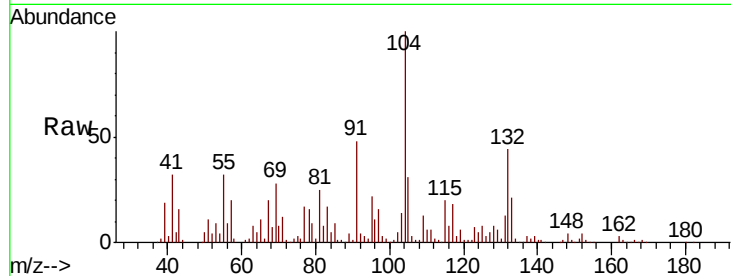




#29
2,4-Dichlorophenol
Concen: 5.357 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

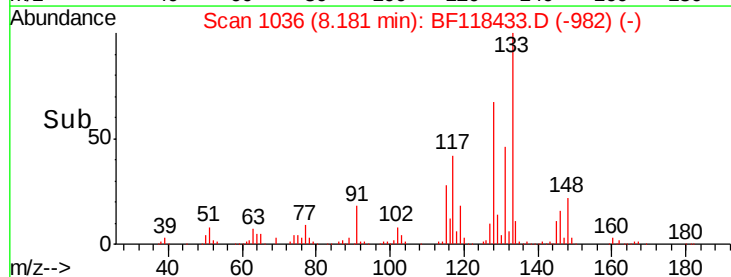
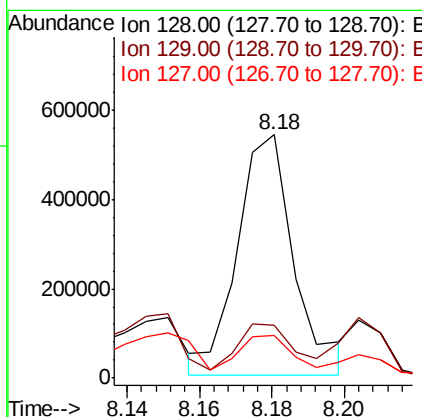
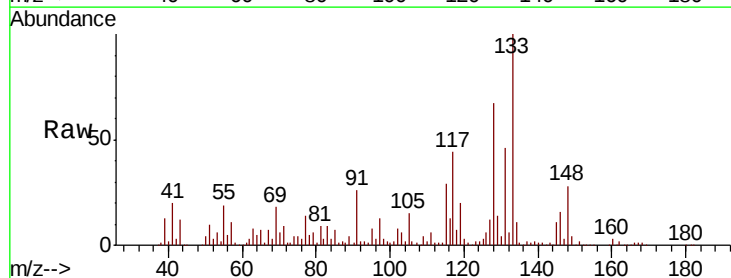
Instrument :
BNA_F
ClientSampled :

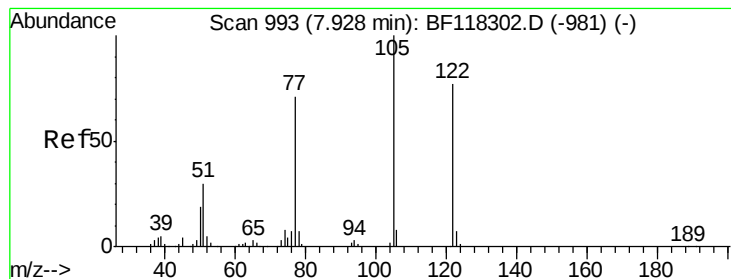
Tot Ion:162 Resp: 18421
Ion Ratio Lower Upper
162 100
164 4.8 45.1 85.1#
98 90.1 18.6 58.6#



#31
Naphthalene
Concen: 48.774 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:128 Resp: 585139
Ion Ratio Lower Upper
128 100
129 21.5 9.0 13.4#
127 17.8 11.0 16.4#





#32

Benzoic acid

Concen: 10.131 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

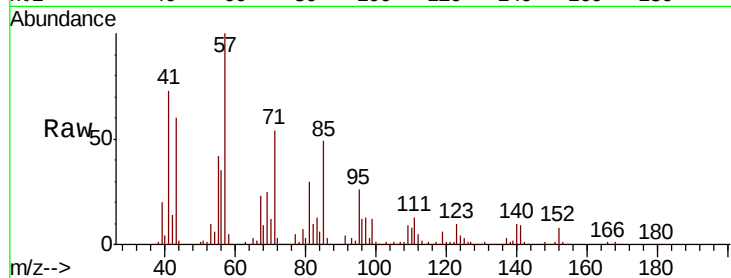
Tot Ion:122 Resp: 12745

Ion Ratio Lower Upper

122 100

105 96.4 106.8 146.8#

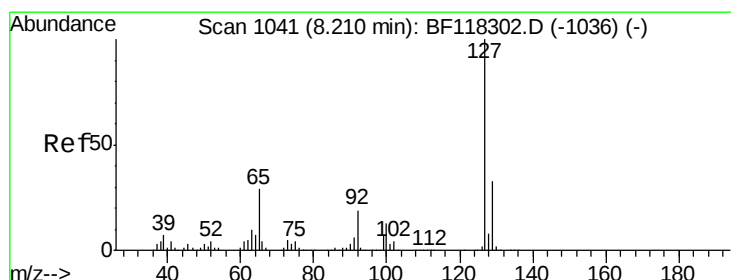
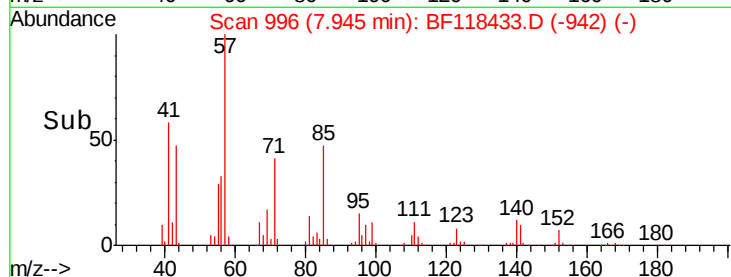
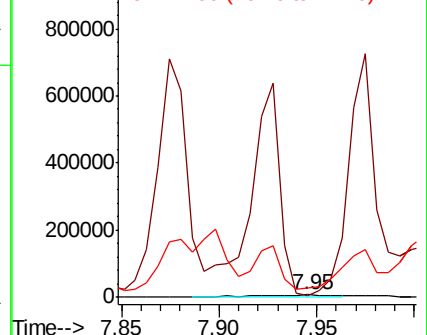
77 372.0 70.4 110.4#



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: 2.351 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.04 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Tgt Ion:127 Resp: 12089

Ion Ratio Lower Upper

127 100

129 75.5 26.5 39.7#

65 205.5 22.8 34.2#

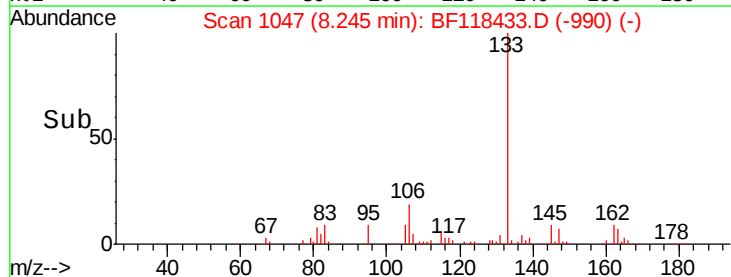
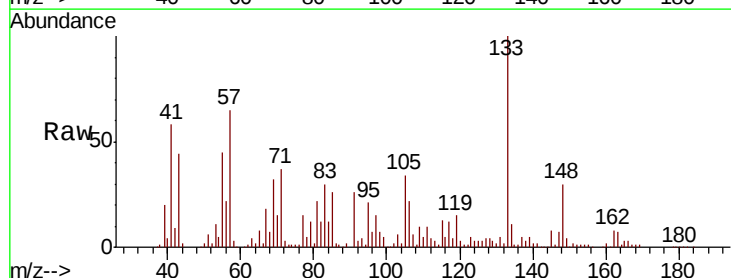
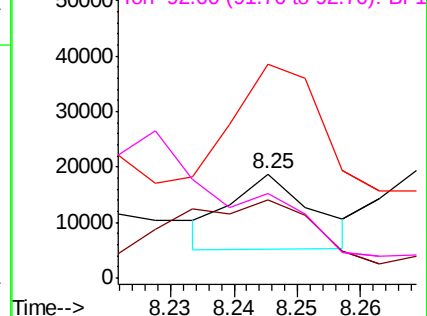
92 81.0 15.5 23.3#

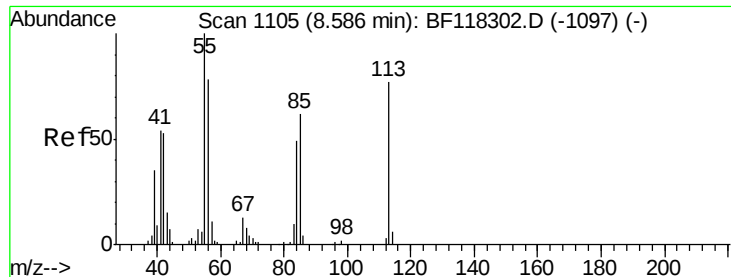
Abundance Ion 127.00 (126.70 to 127.70): E

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

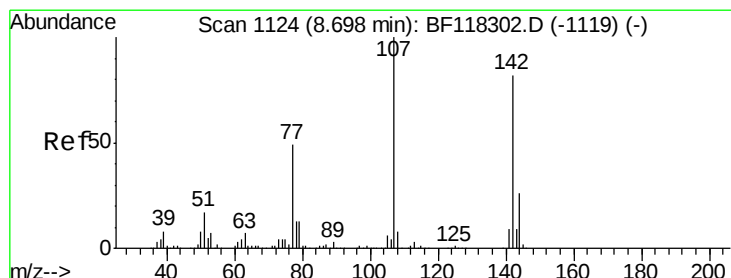
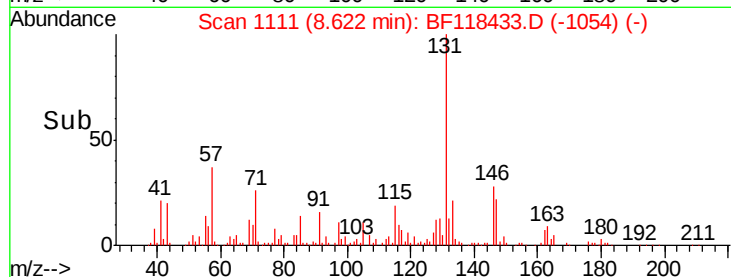
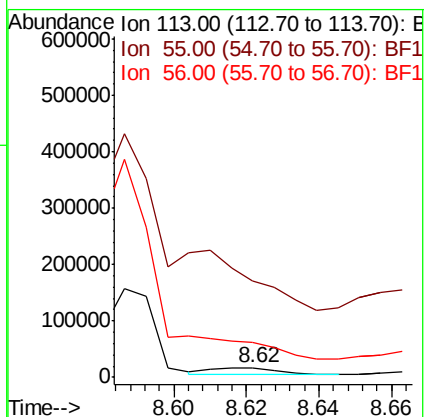
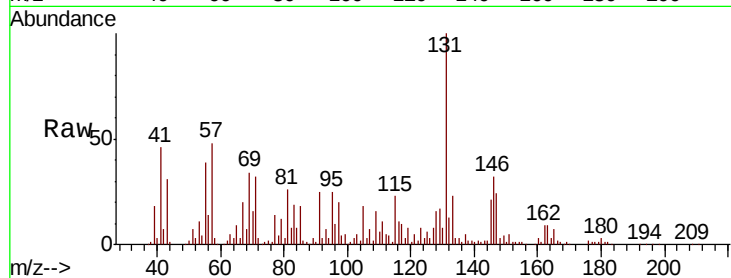




#35
Caprolactam
Concen: 12.839 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.04 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

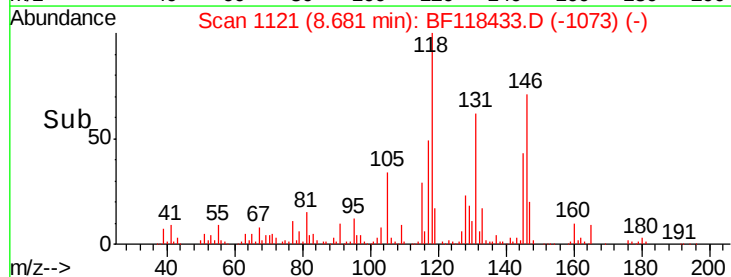
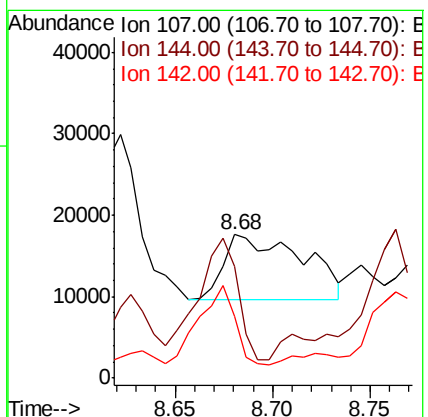
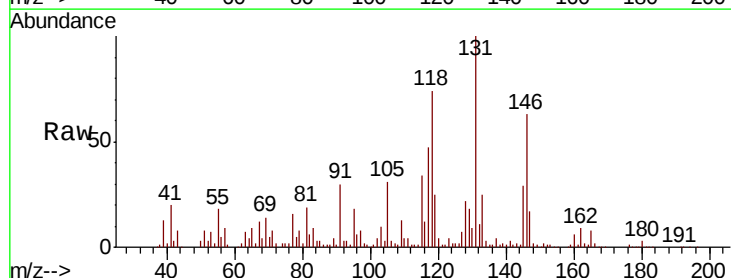
Instrument :
BNA_F
ClientSampleID :

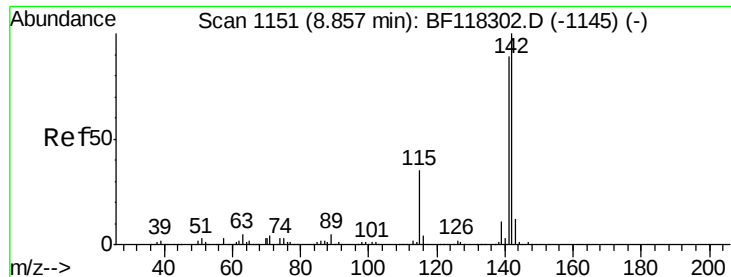
Tot Ion:113 Resp: 13783
Ion Ratio Lower Upper
113 100
55 1009.7 109.8 149.8#
56 372.2 81.7 121.7#



#36
4-Chloro-3-methylphenol
Concen: 6.084 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:107 Resp: 22461
Ion Ratio Lower Upper
107 100
144 78.3 21.2 31.8#
142 43.3 65.4 98.2#

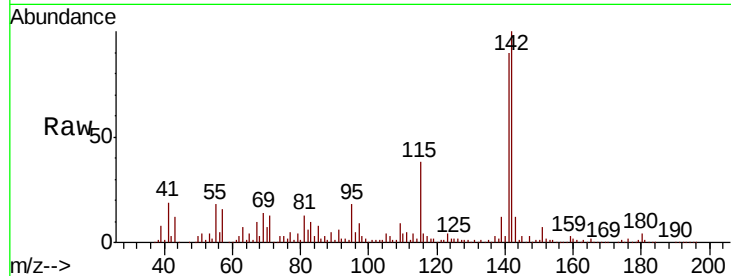




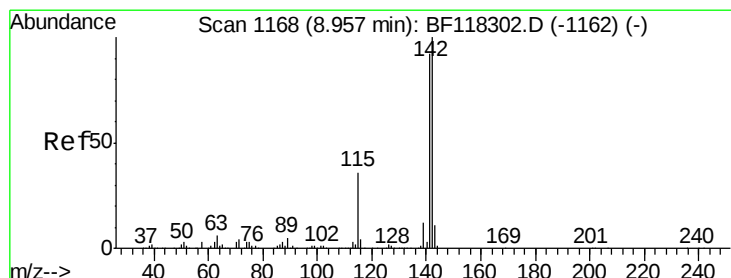
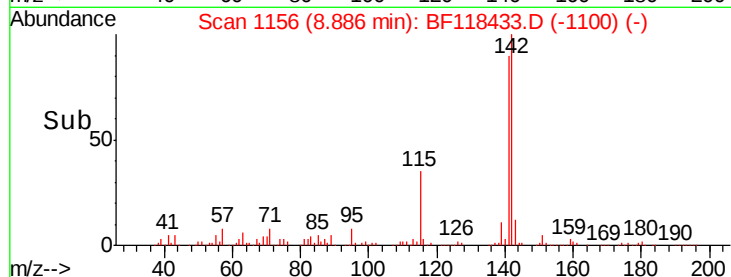
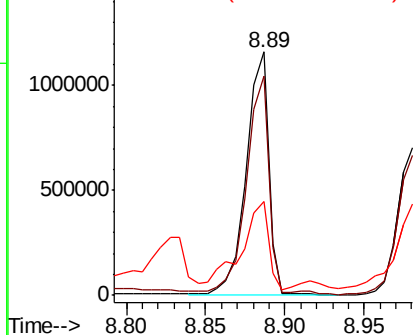
#37
2-Methylnaphthalene
Concen: 139.334 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.03 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1144454
Ion Ratio Lower Upper
142 100
141 90.3 71.2 106.8
115 38.5 28.0 42.0

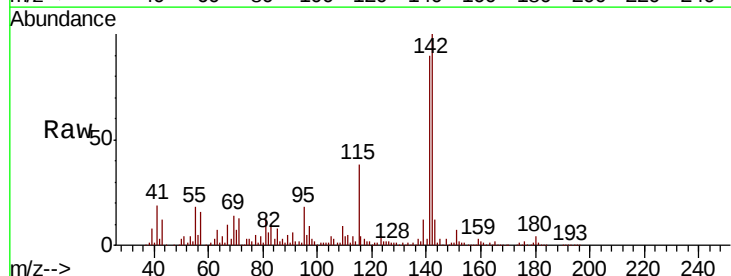


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

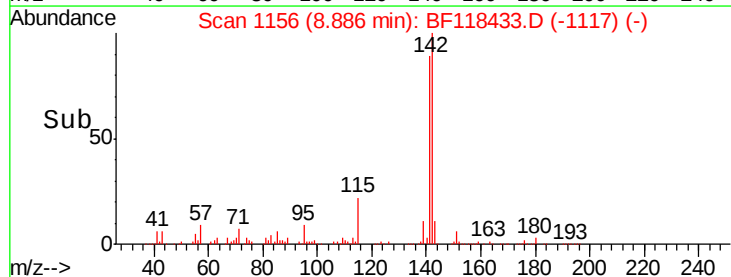
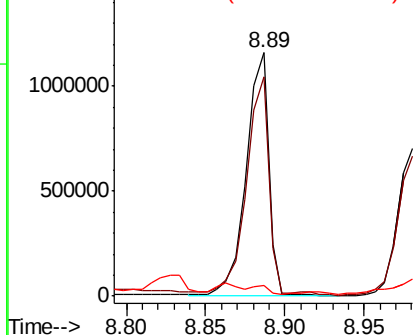


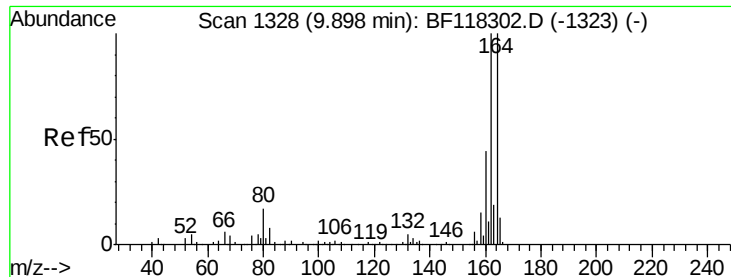
#38
1-Methylnaphthalene
Concen: 147.891 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:142 Resp: 1144454
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.2
116 4.2 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

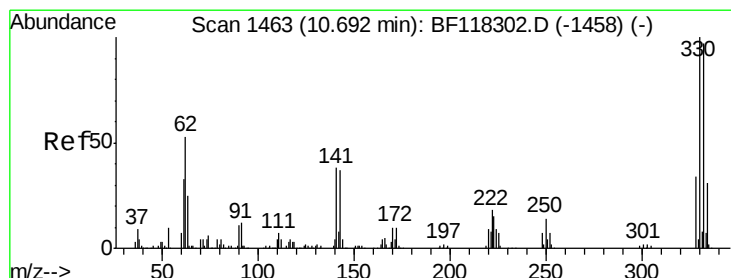
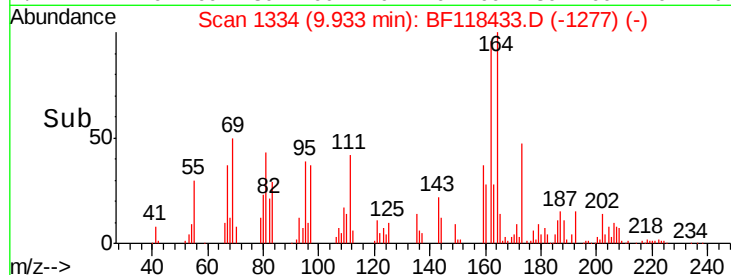
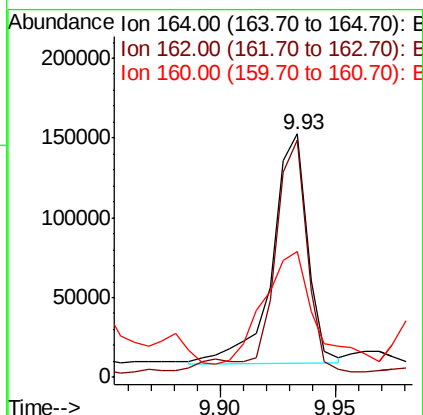
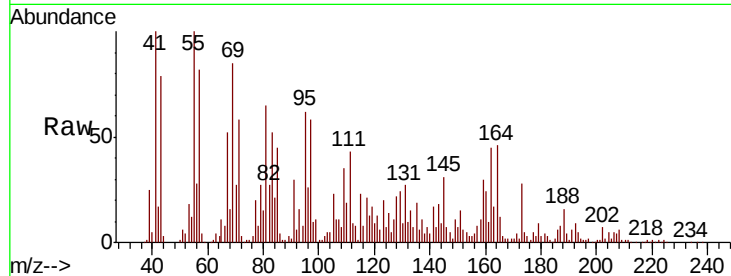




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.04 min
 Lab File: BF118433.D
 Acq: 2 Jan 2020 14:10

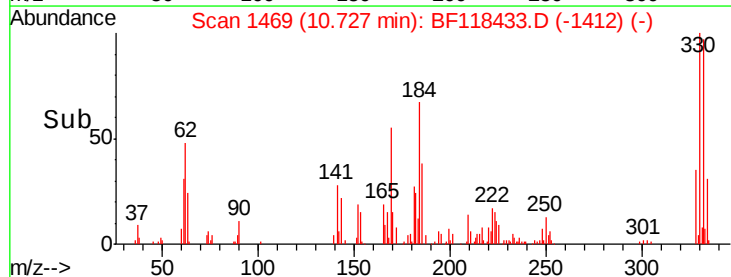
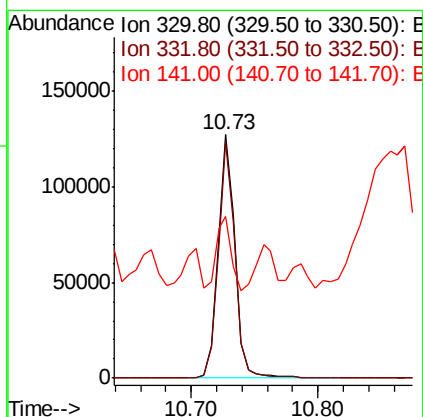
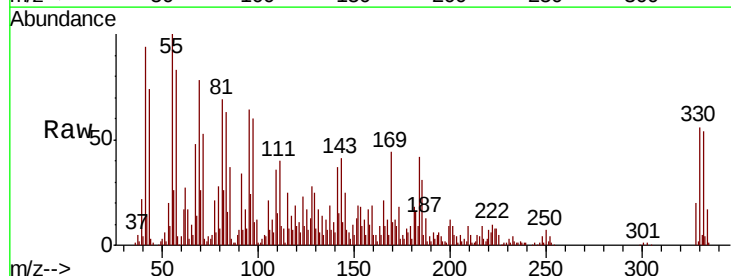
Instrument :
 BNA_F
 ClientSampleId :

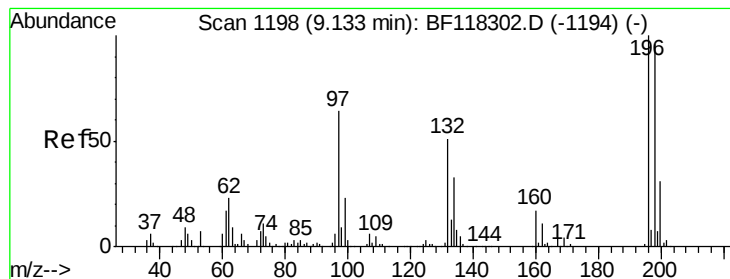
Tot Ion:164 Resp: 152158
 Ion Ratio Lower Upper
 164 100
 162 97.6 80.0 120.0
 160 51.7 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 63.893 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.04 min
 Lab File: BF118433.D
 Acq: 2 Jan 2020 14:10

Tgt Ion:330 Resp: 120058
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 26.1 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 2.411 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.05 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

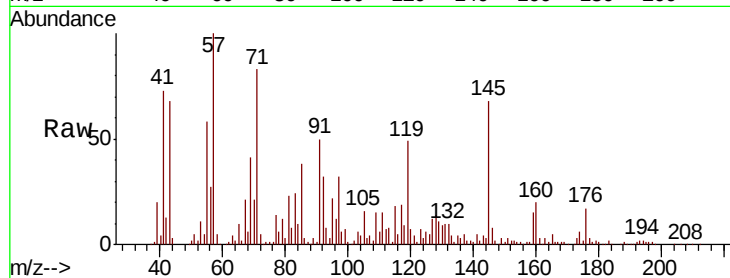
Tot Ion:196 Resp: 7364

Ion Ratio Lower Upper

196 100

198 7.4 76.7 115.1#

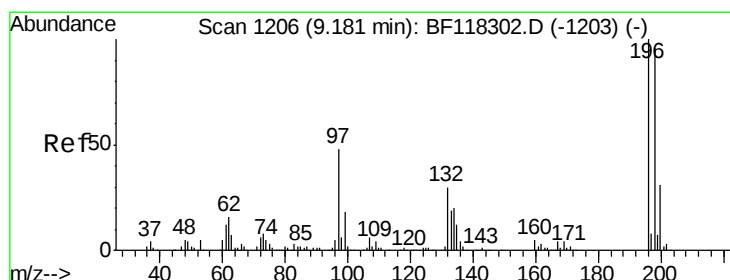
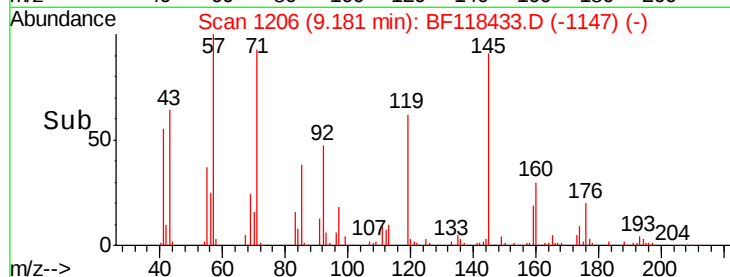
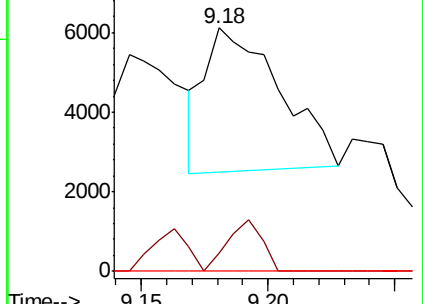
200 0.0 24.8 37.2#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 2.265 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Tgt Ion:196 Resp: 7116

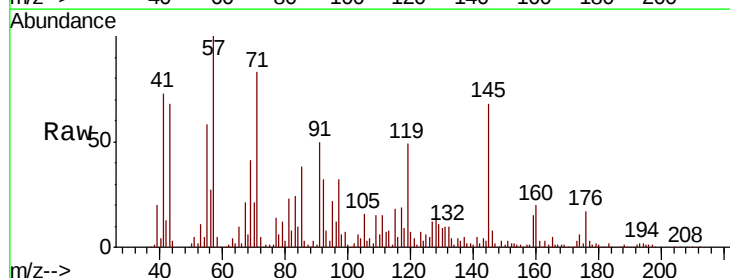
Ion Ratio Lower Upper

196 100

198 7.4 77.0 115.4#

97 2966.8 38.9 58.3#

132 973.1 23.9 35.9#

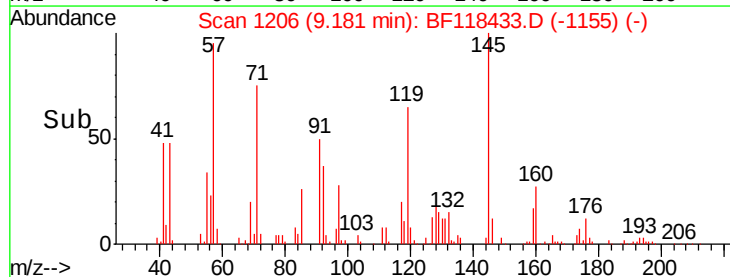
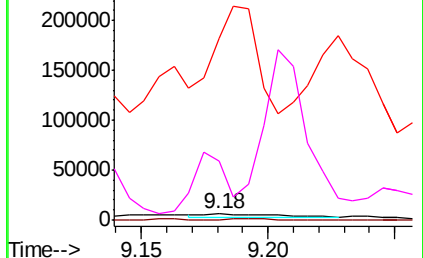


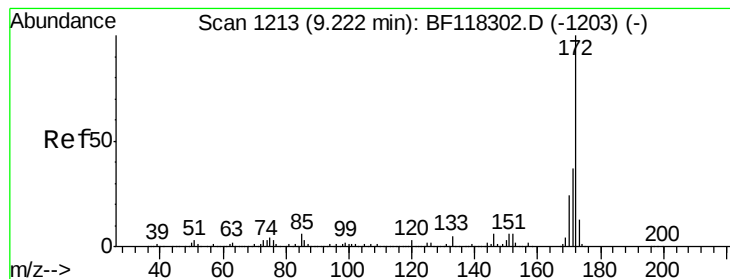
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 61.131 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

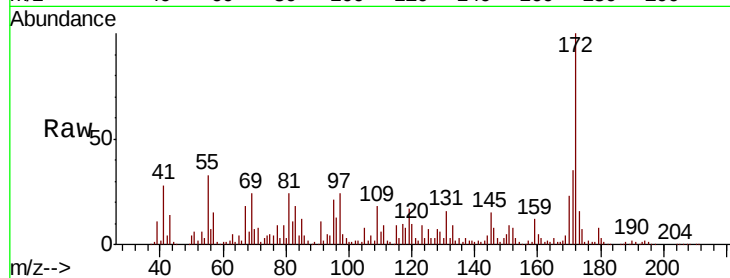
Tot Ion:172 Resp: 609352

Ion Ratio Lower Upper

172 100

171 34.9 29.3 43.9

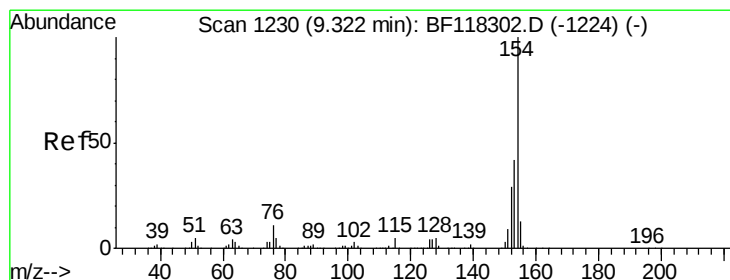
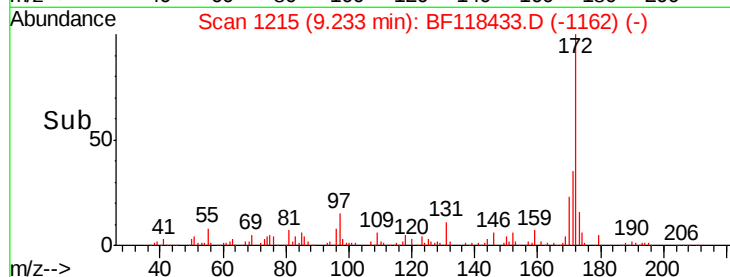
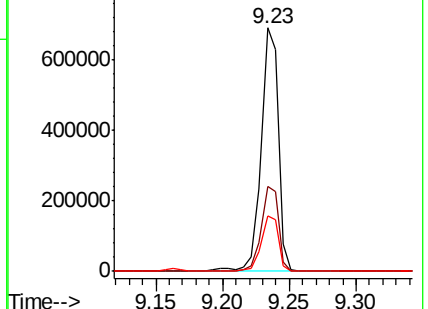
170 22.7 19.2 28.8



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: 20.209 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

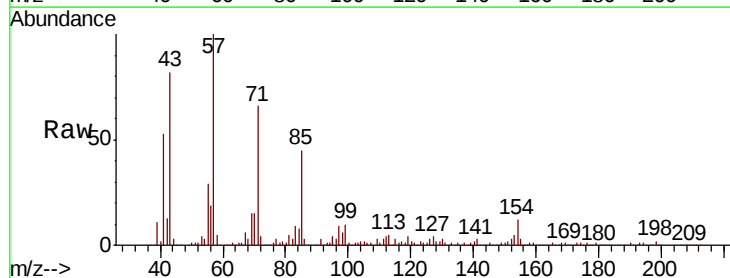
Tgt Ion:154 Resp: 243217

Ion Ratio Lower Upper

154 100

153 39.3 21.8 61.8

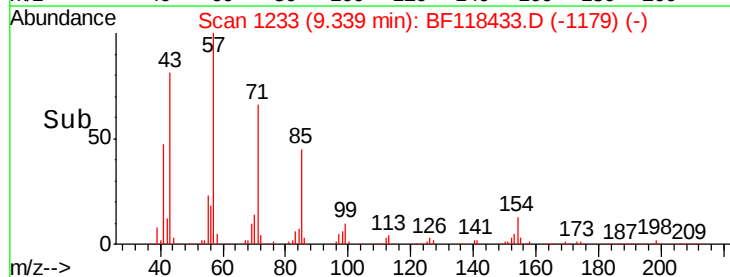
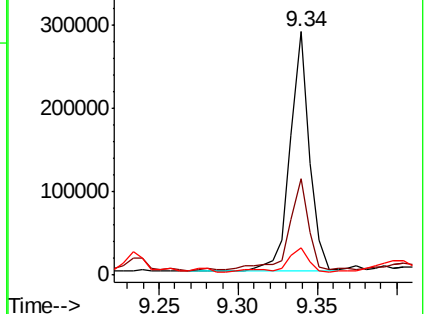
76 11.3 0.0 30.9

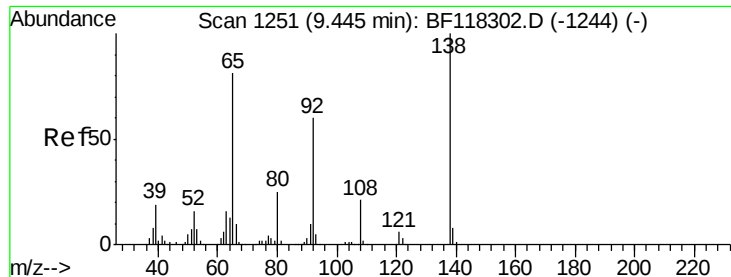


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

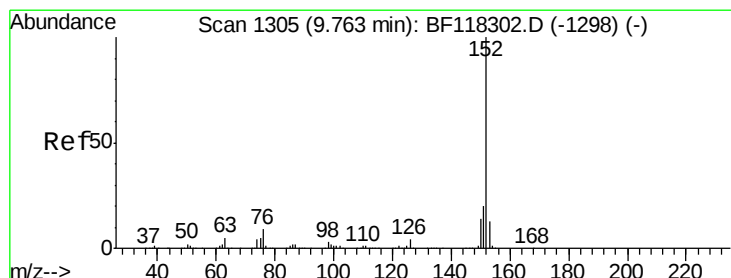
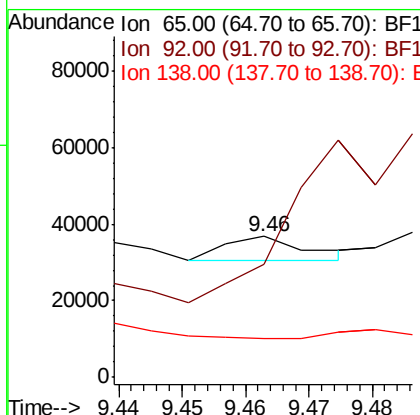
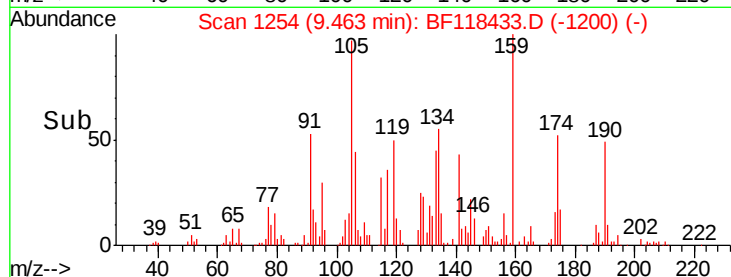
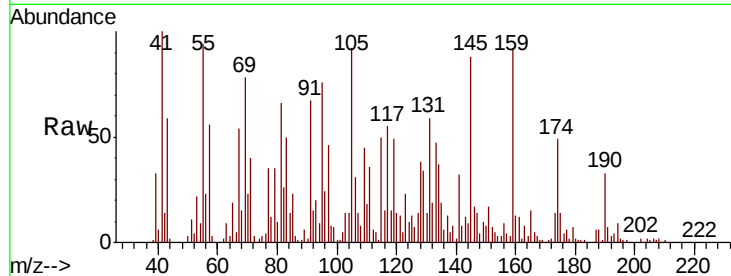




#48
2-Nitroaniline
Concen: 2.004 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

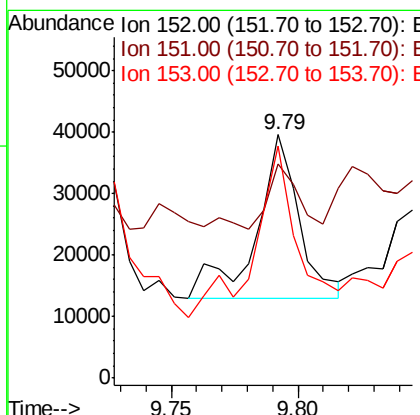
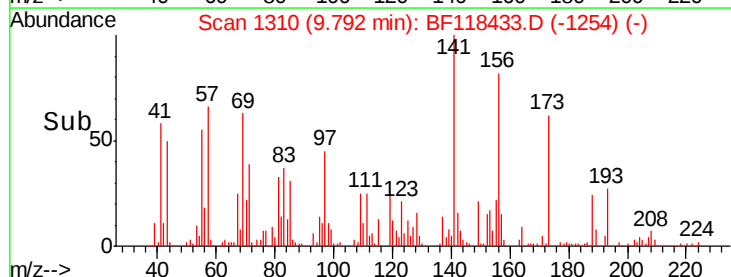
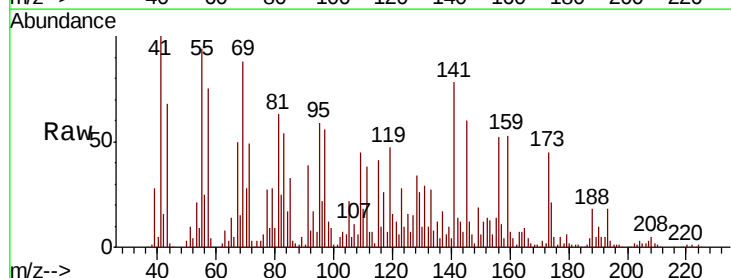
Instrument :
BNA_F
ClientSampled :

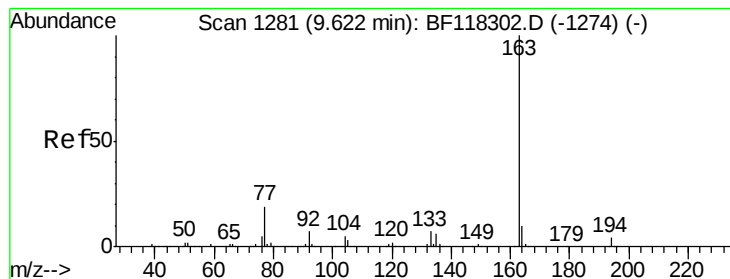
Tot Ion: 65 Resp: 5484
Ion Ratio Lower Upper
65 100
92 80.3 58.7 88.1
138 27.8 98.5 147.7#



#49
Acenaphthylene
Concen: 2.180 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.03 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:152 Resp: 31311
Ion Ratio Lower Upper
152 100
151 87.9 16.2 24.2#
153 95.1 10.5 15.7#





#50

Dimethylphthalate

Concen: 5.184 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

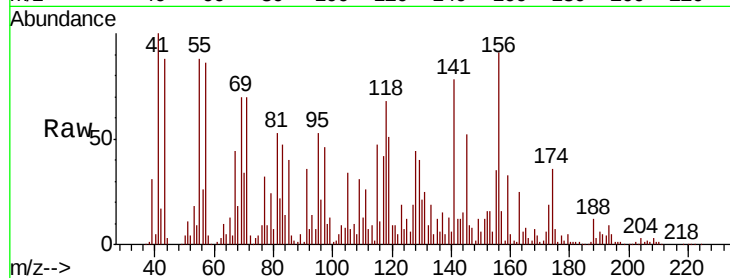
Tot Ion:163 Resp: 59212

Ion Ratio Lower Upper

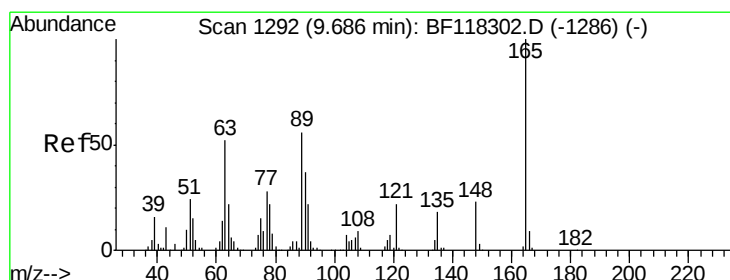
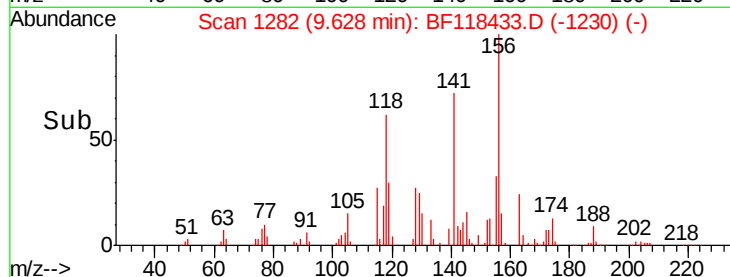
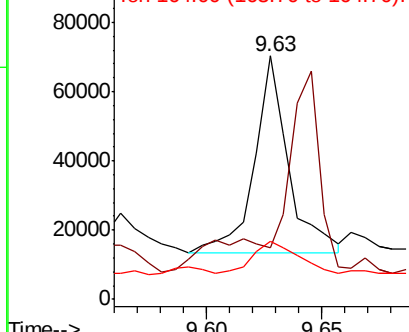
163 100

194 21.2 3.2 4.8#

164 23.9 7.9 11.9#



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: 3.890 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.04 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

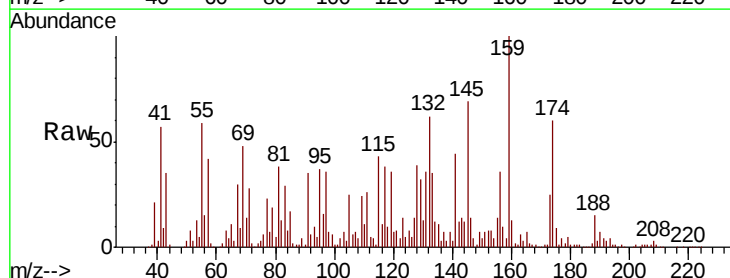
Tgt Ion:165 Resp: 9578

Ion Ratio Lower Upper

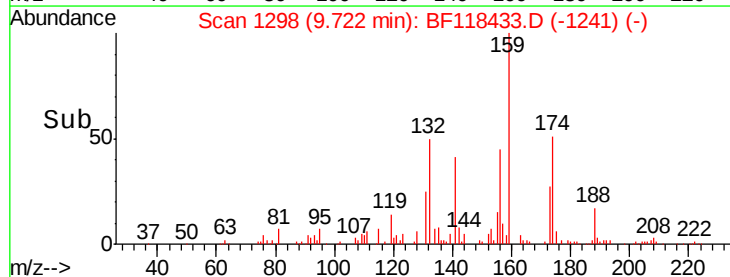
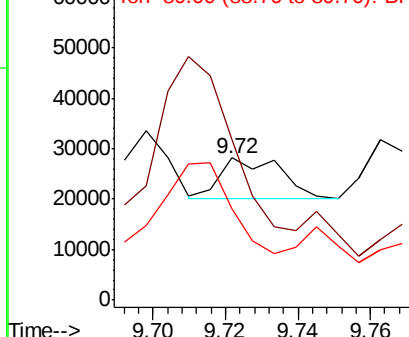
165 100

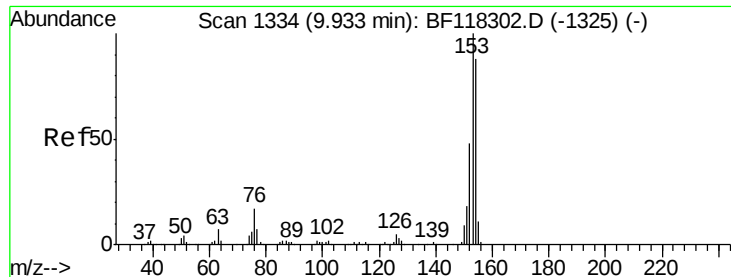
63 112.4 42.2 63.4#

89 64.4 44.4 66.6



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





#52

Acenaphthene

Concen: 5.182 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.03 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

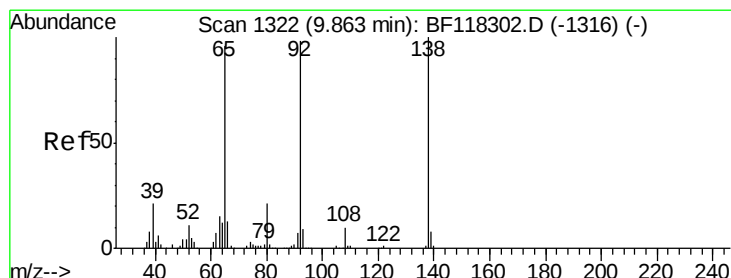
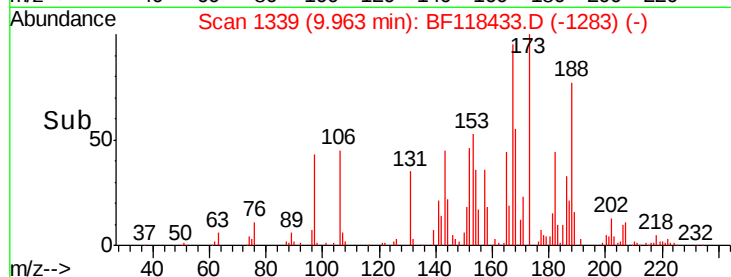
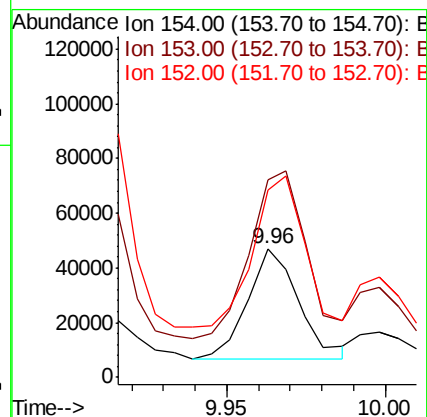
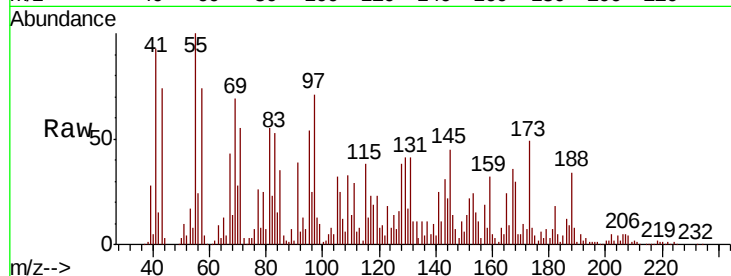
Tot Ion:154 Resp: 45346

Ion Ratio Lower Upper

154 100

153 153.3 90.6 136.0#

152 145.8 43.1 64.7#



#53

3-Nitroaniline

Concen: 9.337 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.05 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

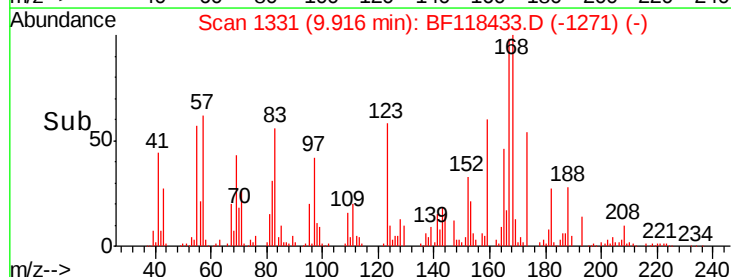
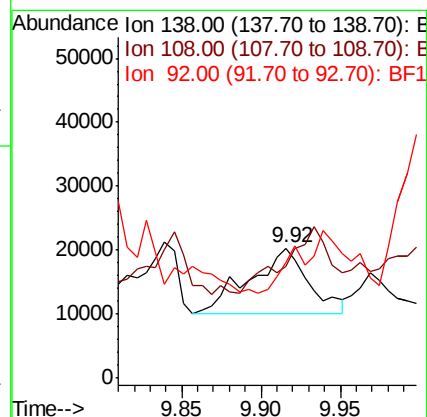
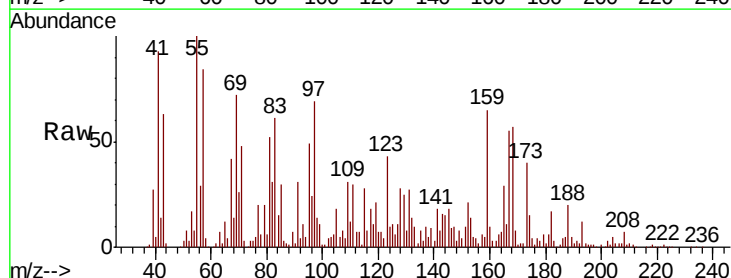
Tgt Ion:138 Resp: 26986

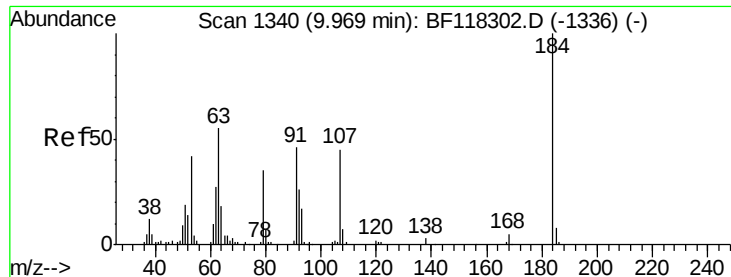
Ion Ratio Lower Upper

138 100

108 86.5 7.8 11.8#

92 89.2 78.2 117.2

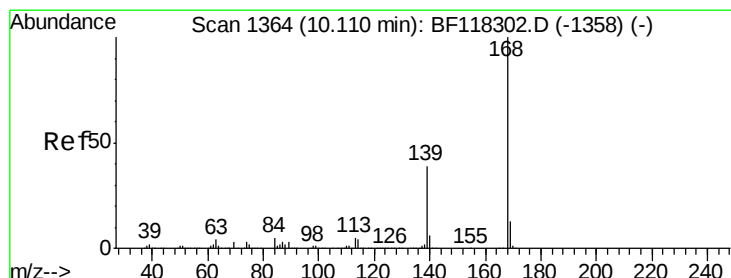
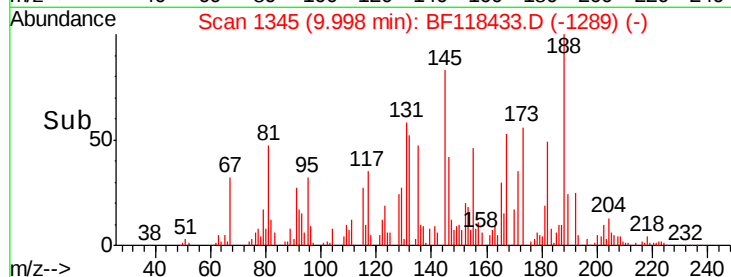
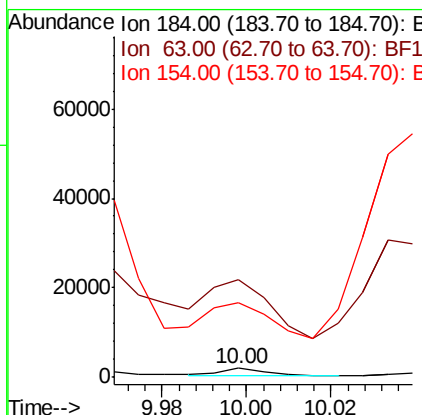
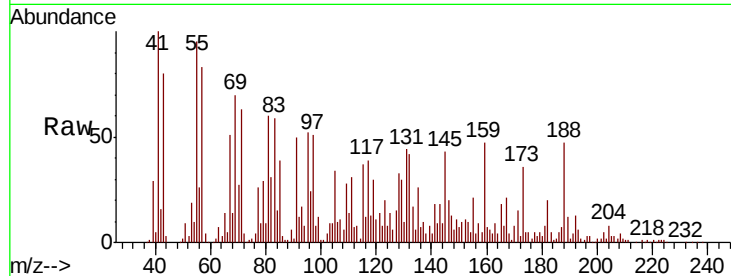




#54
 2,4-Dinitrophenol
 Concen: 6.122 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.03 min
 Lab File: BF118433.D
 Acq: 2 Jan 2020 14:10

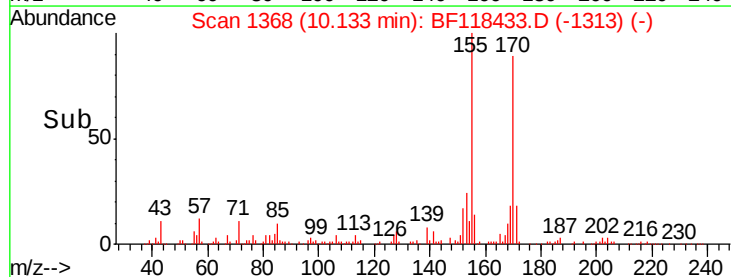
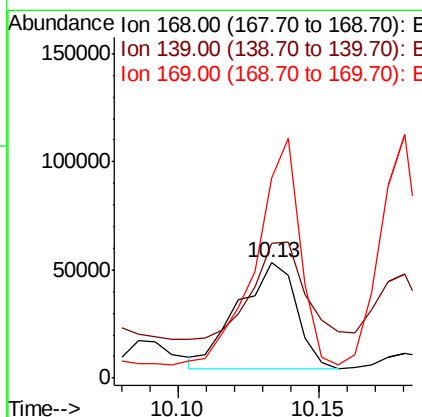
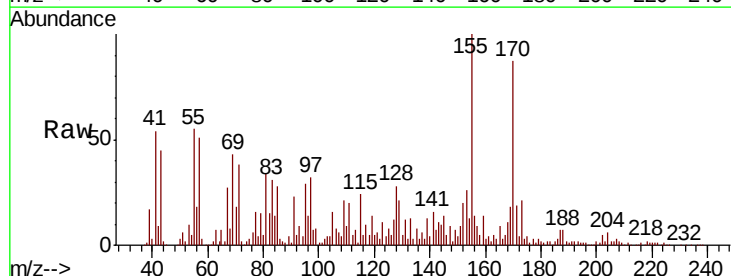
Instrument :
 BNA_F
 ClientSampled :

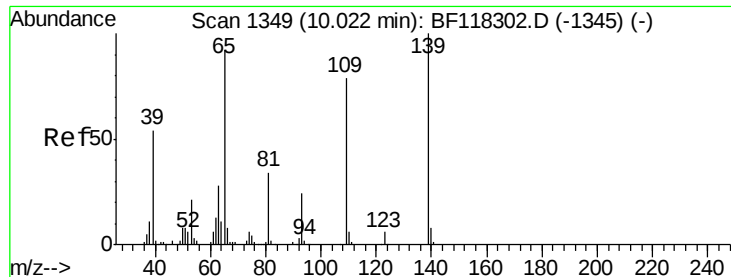
Tot Ion:184 Resp: 1245
 Ion Ratio Lower Upper
 184 100
 63 1082.0 48.8 73.2#
 154 819.7 55.0 82.4#



#55
 Dibenzofuran
 Concen: 5.433 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: BF118433.D
 Acq: 2 Jan 2020 14:10

Tgt Ion:168 Resp: 70250
 Ion Ratio Lower Upper
 168 100
 139 117.2 31.5 47.3#
 169 172.8 10.4 15.6#

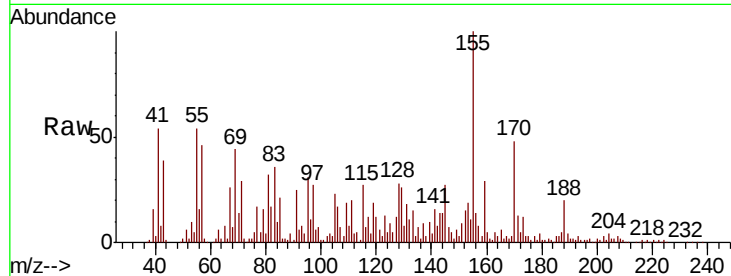




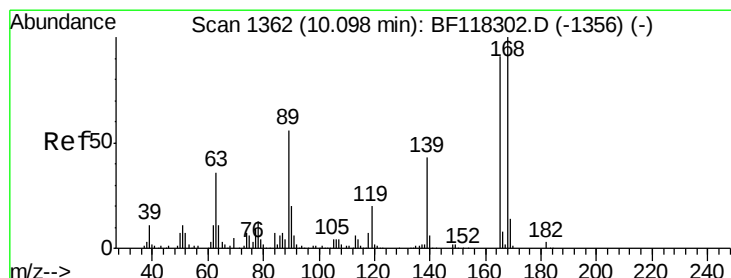
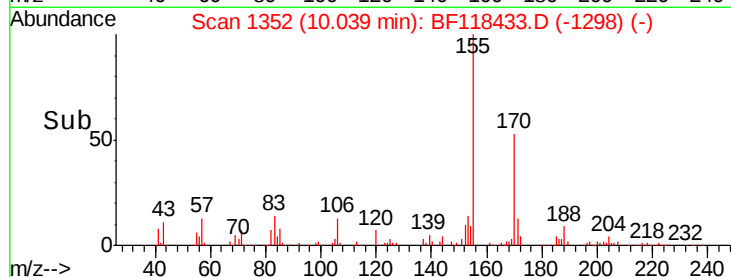
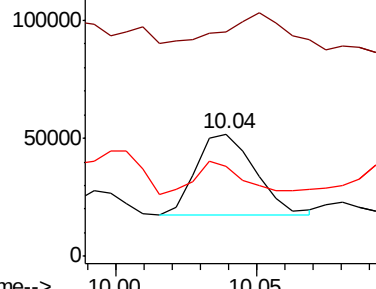
#56
4-Nitrophenol
Concen: 28.433 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 50730
Ion Ratio Lower Upper
139 100
109 183.7 59.3 99.3#
65 73.2 72.4 112.4

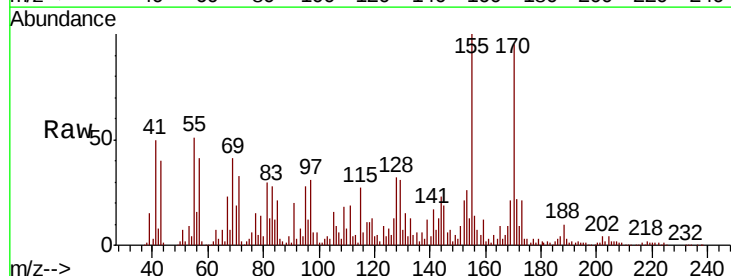


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

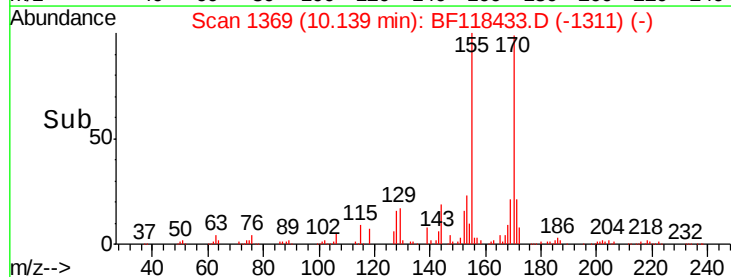
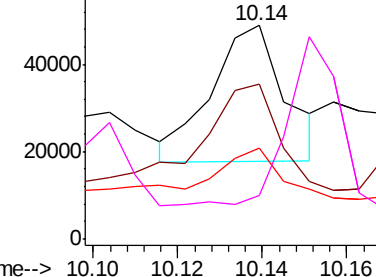


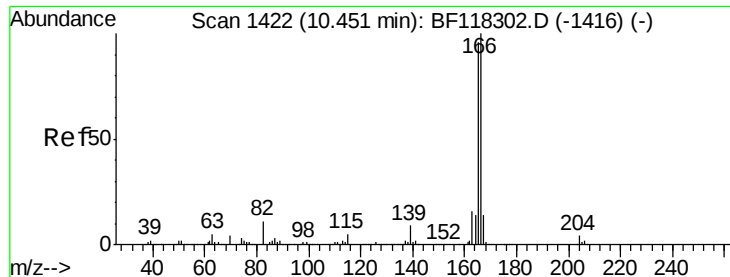
#57
2,4-Dinitrotoluene
Concen: 11.384 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.04 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:165 Resp: 37458
Ion Ratio Lower Upper
165 100
63 72.3 32.0 48.0#
89 42.7 49.3 73.9#
182 20.6 2.4 3.6#



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





#58

Fluorene

Concen: 11.041 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.03 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

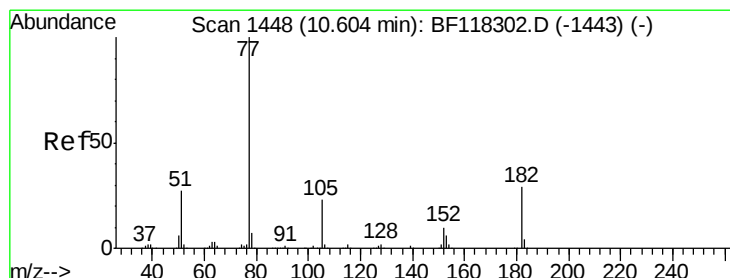
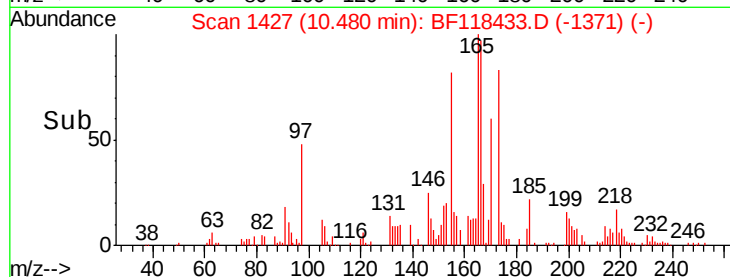
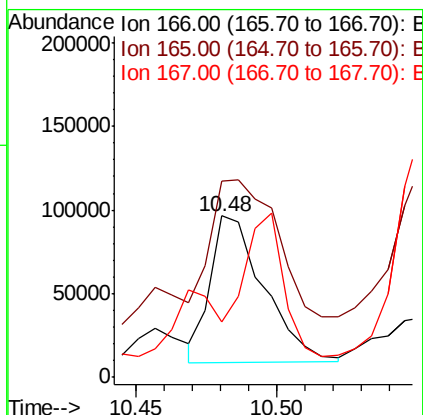
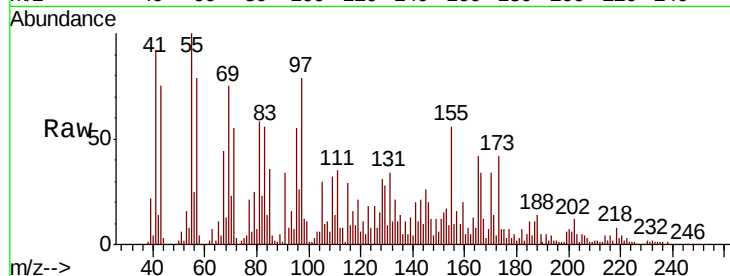
Tot Ion:166 Resp: 115231

Ion Ratio Lower Upper

166 100

165 121.8 77.0 115.4#

167 34.7 10.9 16.3#



#63

Azobenzene

Concen: 2.242 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Tgt Ion: 77 Resp: 21696

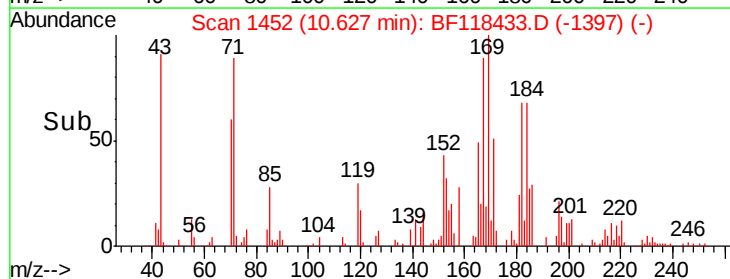
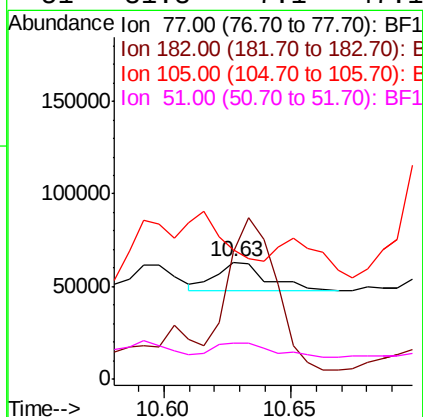
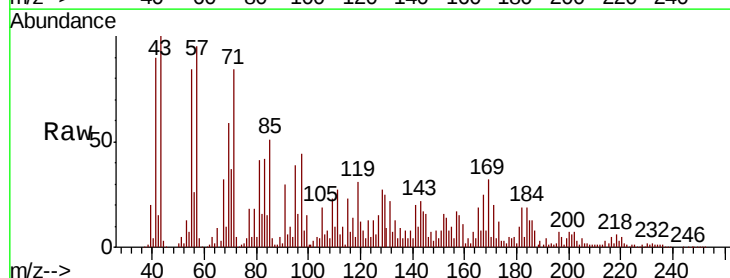
Ion Ratio Lower Upper

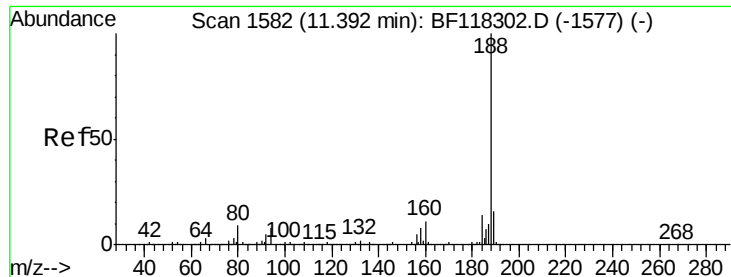
77 100

182 108.7 9.2 49.2#

105 110.5 3.2 43.2#

51 31.3 7.1 47.1

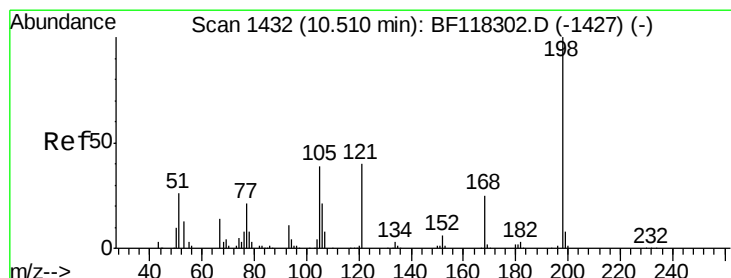
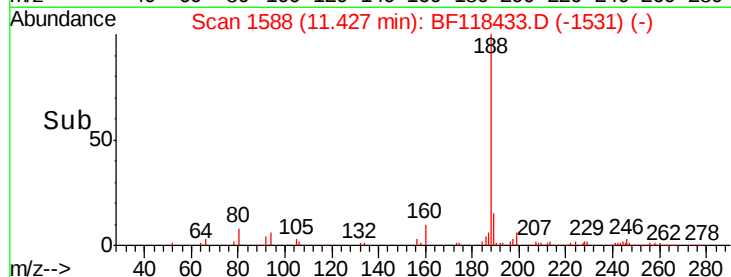
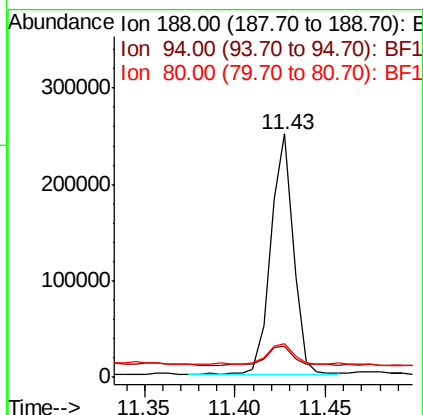
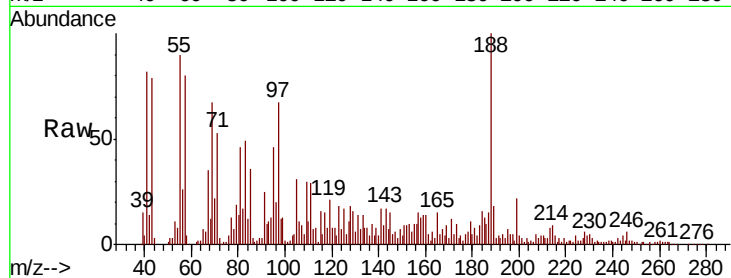




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.04 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

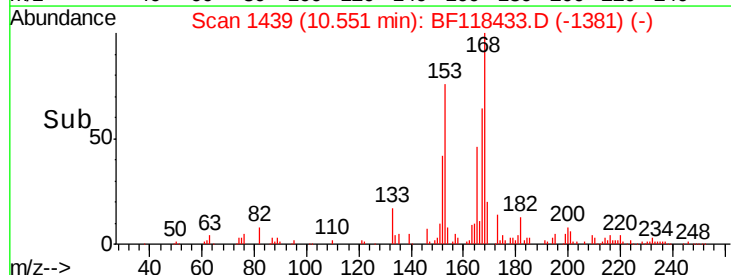
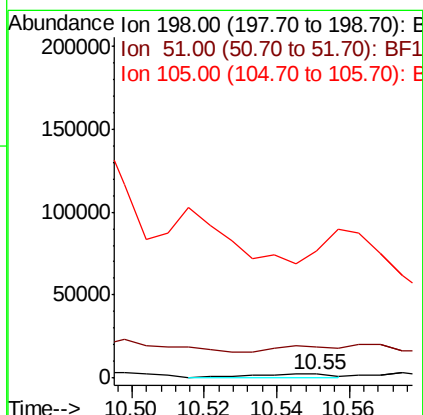
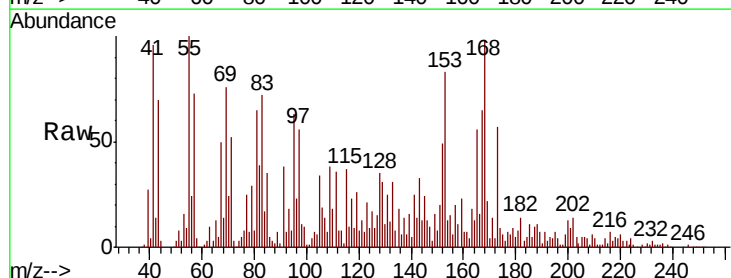
Instrument :
BNA_F
ClientSampleId :

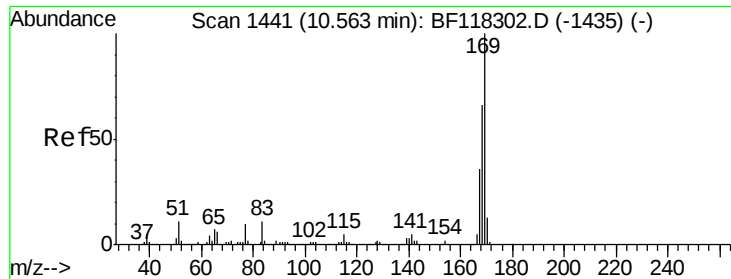
Tot Ion:188 Resp: 215565
Ion Ratio Lower Upper
188 100
94 12.6 6.7 10.1#
80 13.7 7.2 10.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.150 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.04 min
Lab File: BF118433.D
Acq: 2 Jan 2020 14:10

Tgt Ion:198 Resp: 2500
Ion Ratio Lower Upper
198 100
51 795.5 12.8 52.8#
105 3298.2 20.3 60.3#





#66

n-Nitrosodiphenylamine

Concen: 42.233 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.03 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

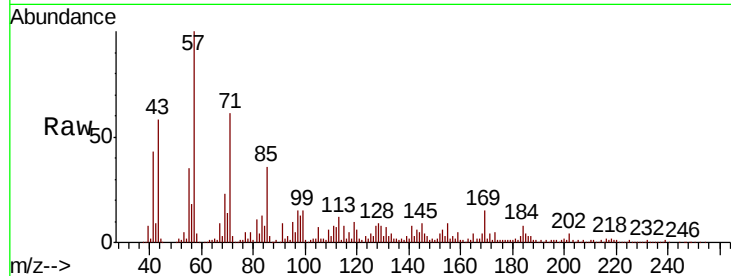
Tot Ion:169 Resp: 291777

Ion Ratio Lower Upper

169 100

168 27.2 52.6 79.0#

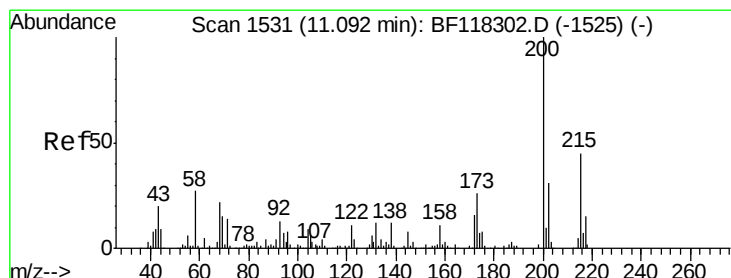
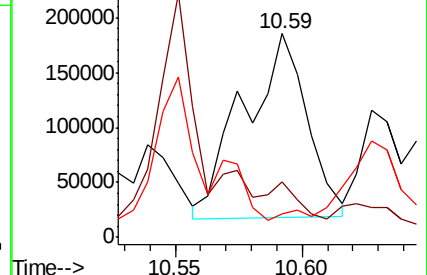
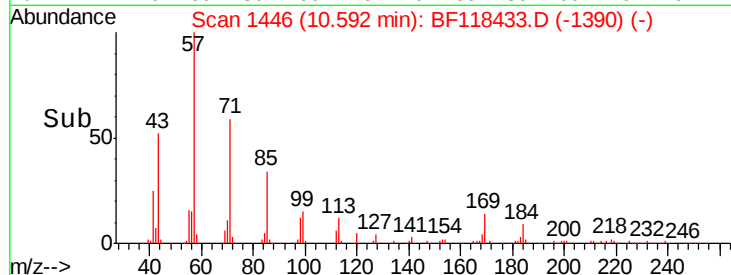
167 11.7 28.4 42.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Atrazine

Concen: 18.614 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

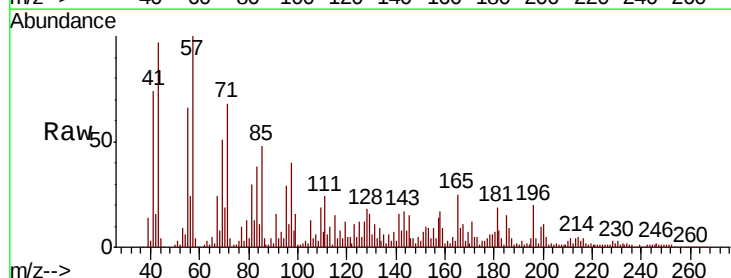
Tgt Ion:200 Resp: 39691

Ion Ratio Lower Upper

200 100

173 41.7 5.8 45.8

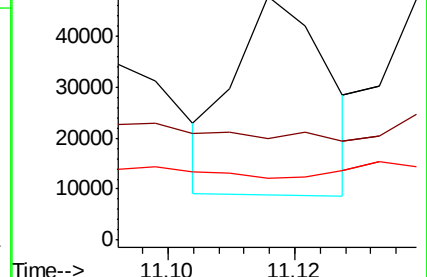
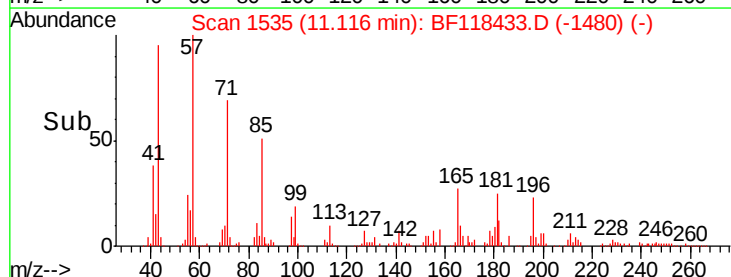
215 25.5 25.1 65.1

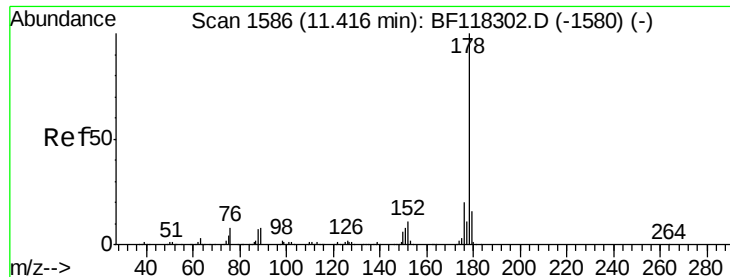


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 11.446 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.04 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

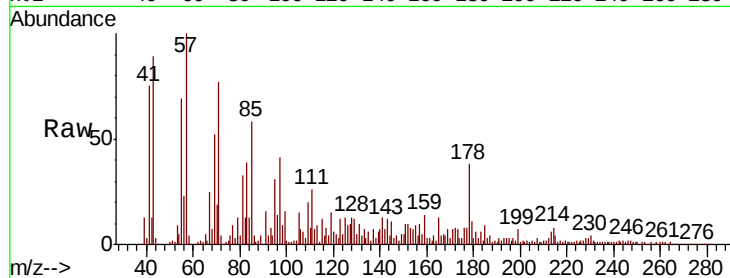
Tot Ion:178 Resp: 134504

Ion Ratio Lower Upper

178 100

176 21.5 15.6 23.4

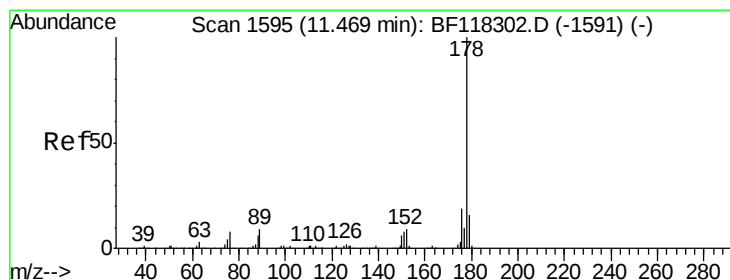
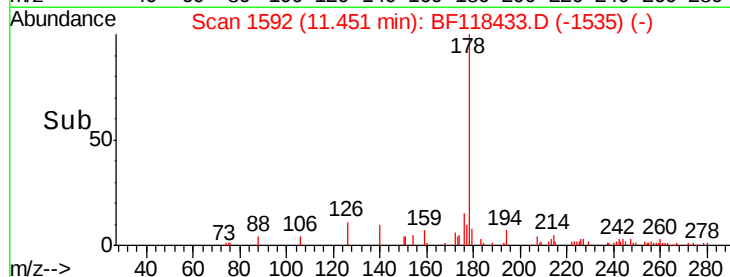
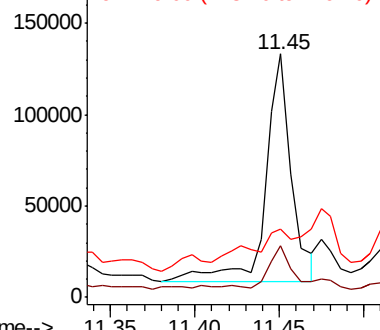
179 27.8 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 6.372 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.07 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

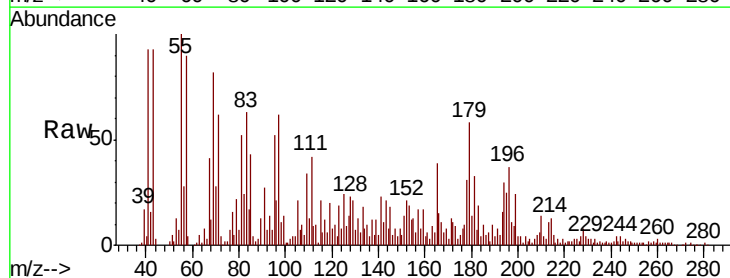
Tgt Ion:178 Resp: 74946

Ion Ratio Lower Upper

178 100

176 24.3 15.2 22.8#

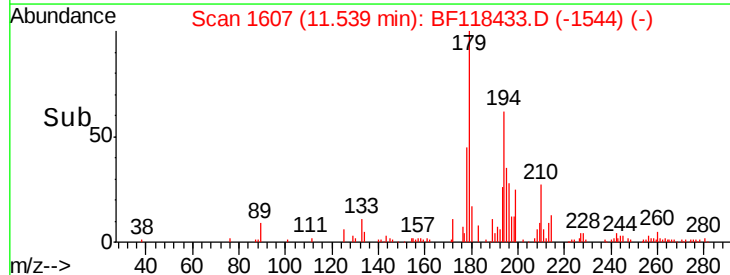
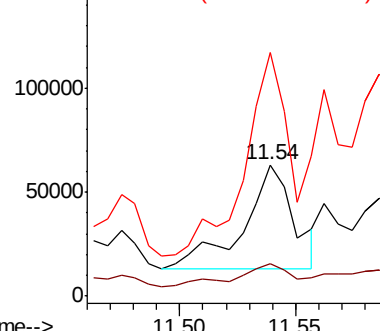
179 185.2 12.9 19.3#

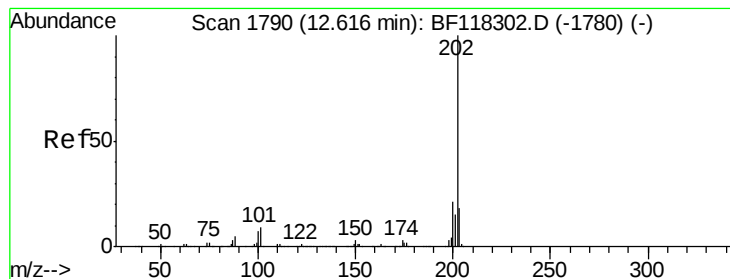


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.372 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.26 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

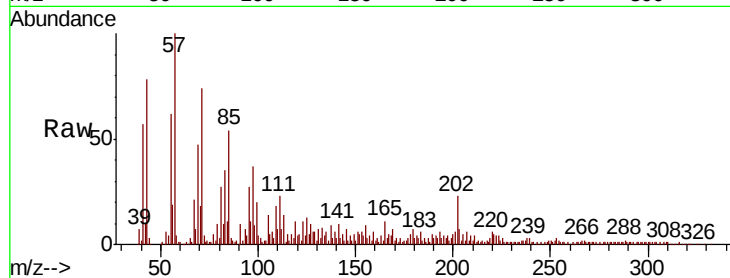
Tot Ion:202 Resp: 63714

Ion Ratio Lower Upper

202 100

101 14.1 0.0 29.5

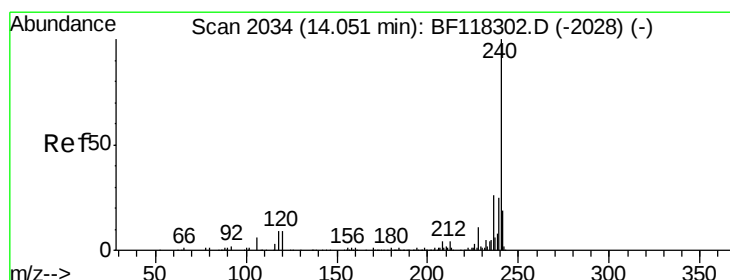
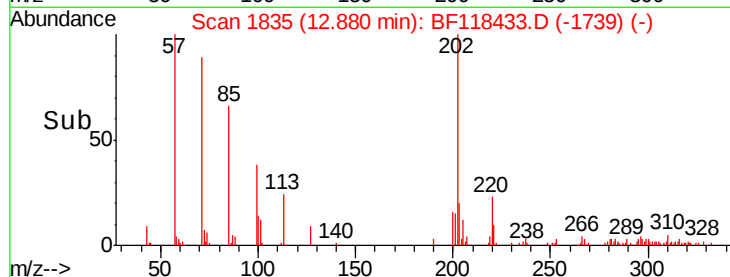
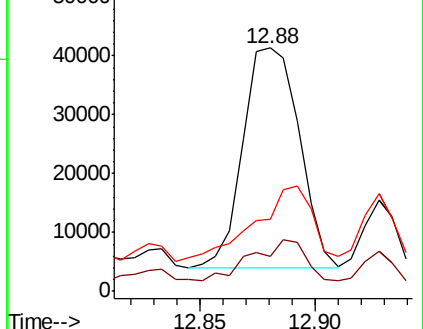
203 29.6 0.0 37.6



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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

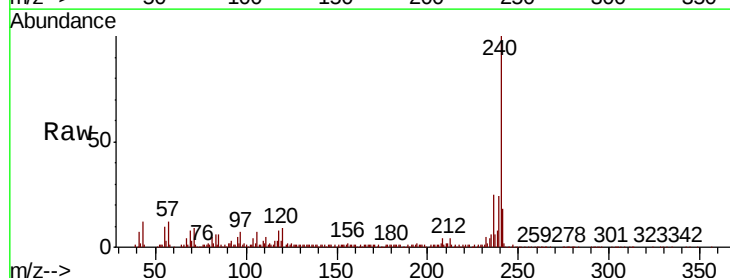
Tgt Ion:240 Resp: 182625

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

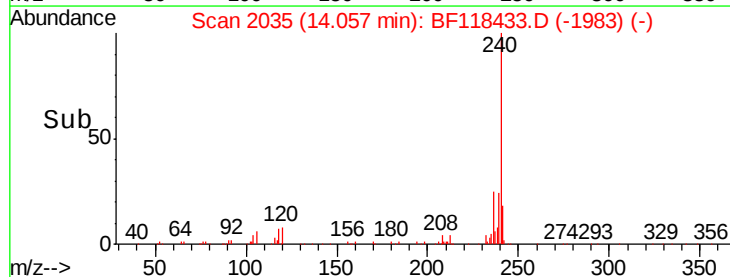
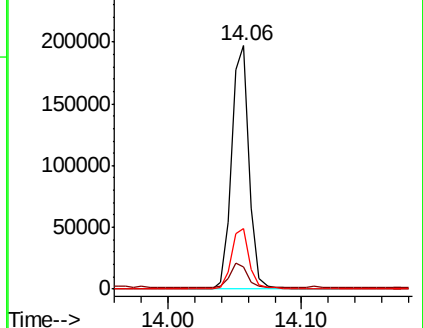
236 25.0 21.0 31.6

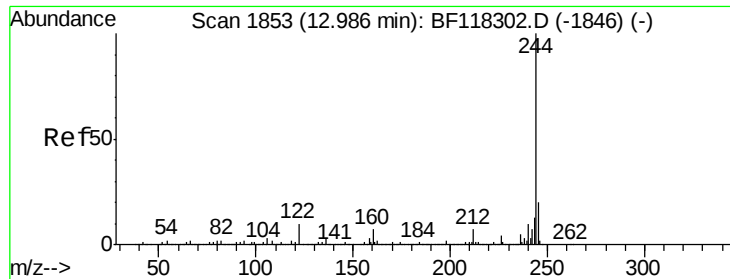


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.061 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

Instrument :

BNA_F

ClientSampled :

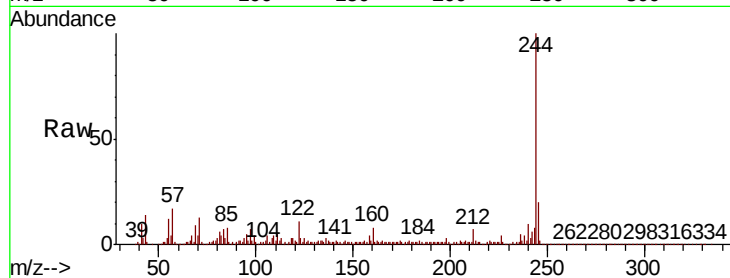
Tot Ion:244 Resp: 661147

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

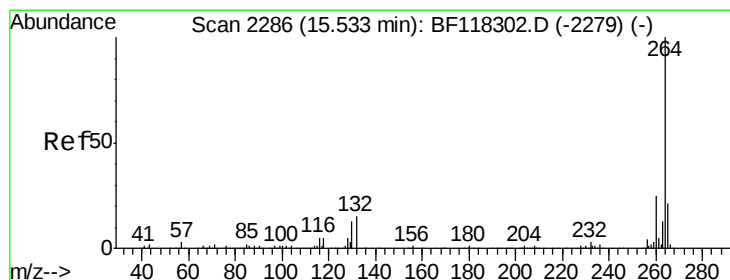
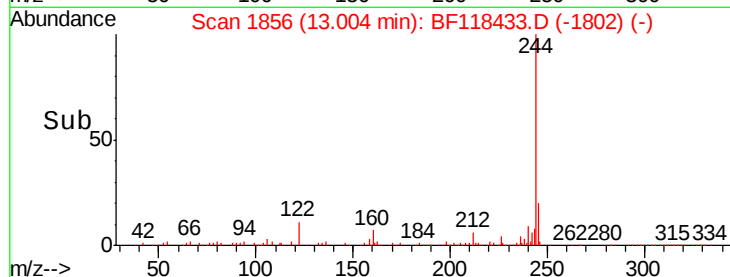
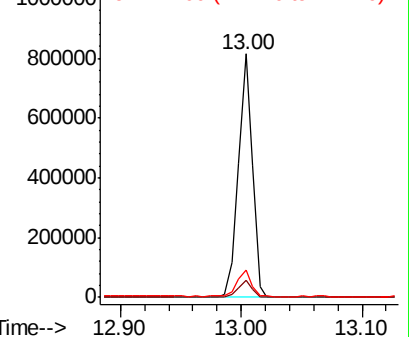
122 11.1 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118433.D

Acq: 2 Jan 2020 14:10

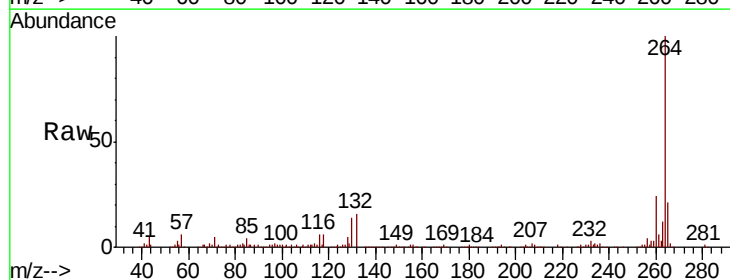
Tgt Ion:264 Resp: 210663

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.1 17.0 25.4



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

