

Data File : BF118675.D
Acq On : 22 Jan 2020 21:18
Operator : CG/JU
Sample : L1214-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K500-2RE

Quant Time: Jan 23 06:43:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	310172	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	478194	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	347059	20.00	ng	0.01
64) Phenanthrene-d10	11.42	188	595705	20.00	ng	0.01
76) Chrysene-d12	14.05	240	767587	20.00	ng	0.00
87) Perylene-d12	15.52	264	997032	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1725876	103.34	ng	0.00
7) Phenol-d6	6.50	99	2119109	97.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	1340012	156.74	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	374803	93.37	ng	0.02
45) 2-Fluorobiphenyl	9.25	172	1735984	82.21	ng	0.00
79) Terphenyl-d14	13.00	244	2046299	58.15	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.52	94	146259	5.913	ng	96
18) Hexachloroethane	7.42	117	195688	24.503	ng	# 1
19) n-Nitroso-di-n-propylamine	7.28	70	74195	5.062	ng	# 48
22) Acetophenone	7.28	105	403838	35.650	ng	# 27
24) Nitrobenzene	7.46	77	31320	3.578	ng	# 39
25) Isophorone	7.70	82	280643	17.997	ng	# 1
26) 2-Nitrophenol	7.80	139	19781	5.299	ng	# 1
27) 2,4-Dimethylphenol	7.83	122	17897	2.776	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	22082	2.198	ng	# 1
29) 2,4-Dichlorophenol	8.01	162	32294	4.532	ng	# 1
31) Naphthalene	8.19	128	134887	6.244	ng	# 30
32) Benzoic acid	7.97	122	19109	3.950	ng	# 1
33) 4-Chloroaniline	8.22	127	47295	4.737	ng	# 1
35) Caprolactam	8.61	113	249356	106.928	ng	# 31
36) 4-Chloro-3-methylphenol	8.71	107	24815	3.526	ng	# 33
37) 2-Methylnaphthalene	8.89	142	105106	6.893	ng	# 67
38) 1-Methylnaphthalene	8.99	142	277781	19.176	ng	# 90
43) 2,4,6-Trichlorophenol	9.17	196	19032	2.641	ng	# 18
44) 2,4,5-Trichlorophenol	9.22	196	15329	2.083	ng	# 1
46) 1,1'-Biphenyl	9.35	154	58165	2.432	ng	91
50) Dimethylphthalate	9.64	163	191244	8.458	ng	# 82
51) 2,6-Dinitrotoluene	9.71	165	28469	5.623	ng	# 80
52) Acenaphthene	9.97	154	42462	2.239	ng	# 40
53) 3-Nitroaniline	9.86	138	45713	7.907	ng	# 42
55) Dibenzofuran	10.14	168	64421	2.451	ng	# 1
56) 4-Nitrophenol	10.05	139	68811	15.766	ng	# 2
57) 2,4-Dinitrotoluene	10.15	165	27639	4.330	ng	# 62
58) Fluorene	10.50	166	87225	4.227	ng	# 1
60) Diethylphthalate	10.36	149	110098	5.022	ng	# 53
63) Azobenzene	10.63	77	47262	2.226	ng	# 1
66) n-Nitrosodiphenylamine	10.58	169	110820	6.169	ng	# 55
69) Atrazine	11.15	200	94370	15.156	ng	73
71) Phenanthrene	11.45	178	59178	2.059	ng	# 42
75) Fluoranthene	12.63	202	72990	2.408	ng	85

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012220\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.86	202	172190	3.304	ng	94
89) Benzo(k)fluoranthene	15.08	252	118249	2.037	ng #	93

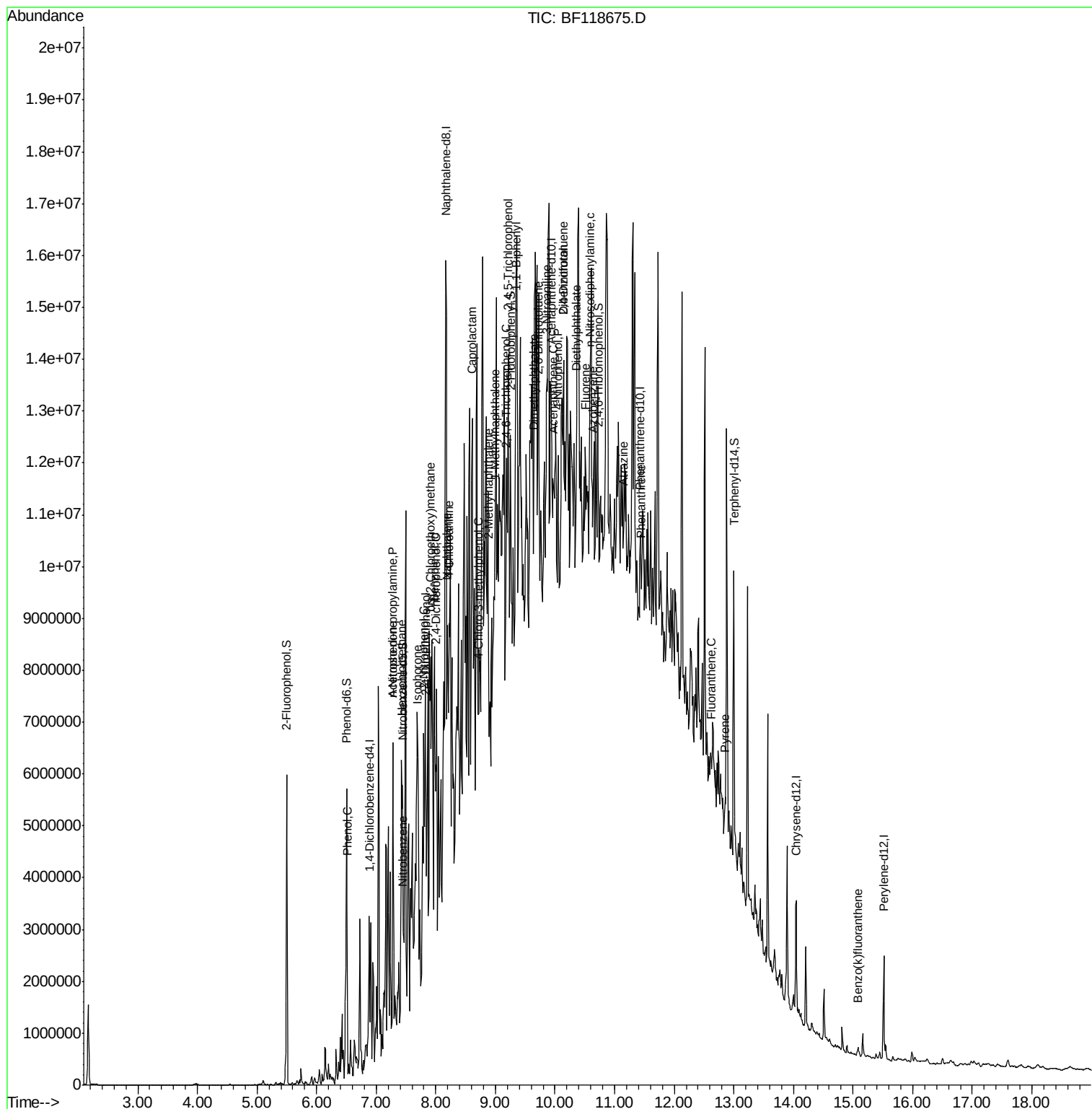
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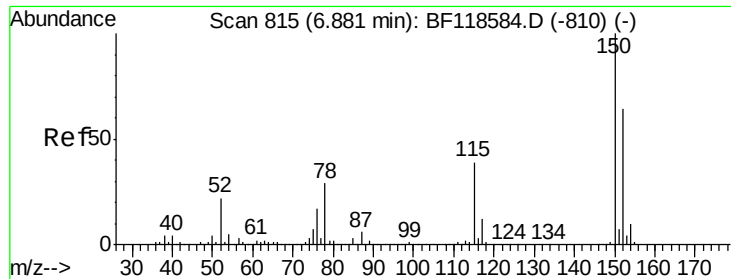
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Misc        :
ALS Vial     : 4      Sample Multipl
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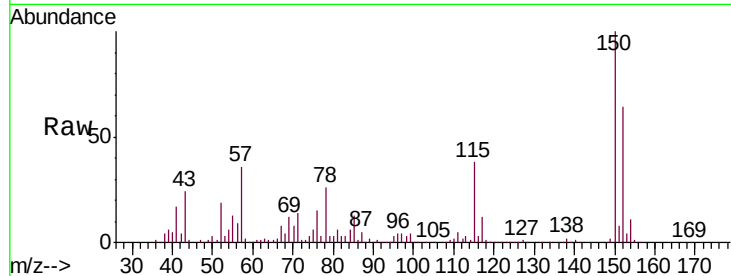


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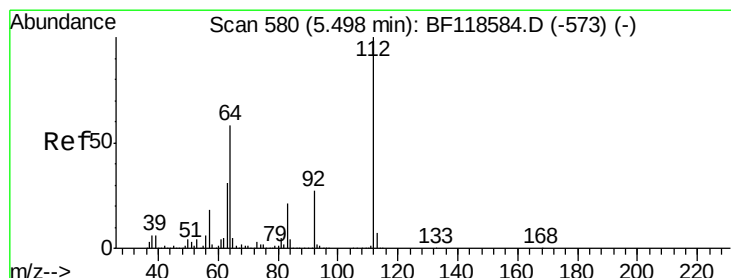
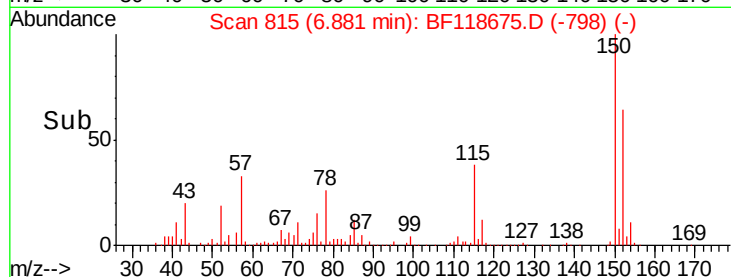
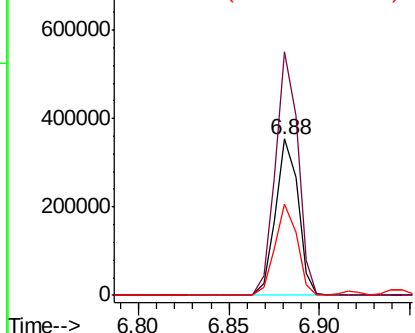
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Instrument :
BNA_F
ClientSampleId :
K500-2RE

Tgt Ion:152 Resp: 310172
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 58.7 48.4 72.6



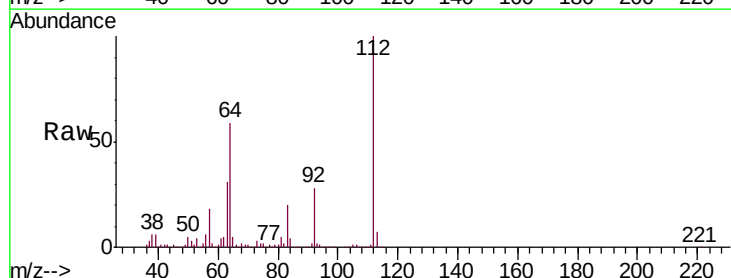
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



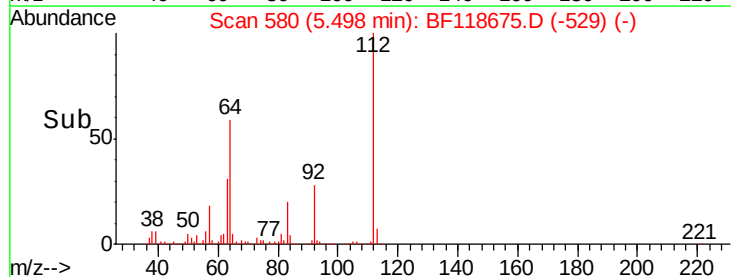
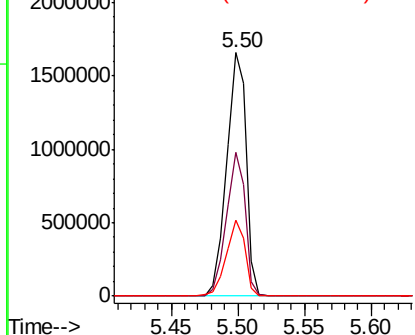
#5

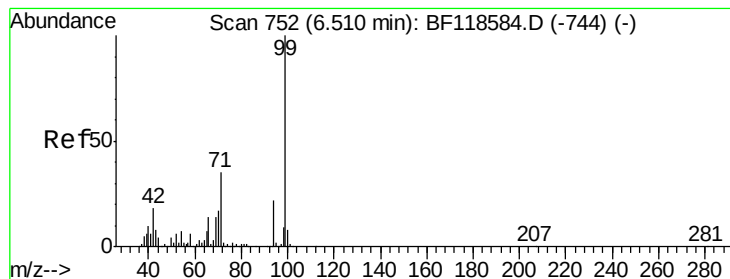
2-Fluorophenol
Concen: 103.342 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion:112 Resp: 1725876
Ion Ratio Lower Upper
112 100
64 59.2 46.6 70.0
63 31.4 25.1 37.7



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: 97.626 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

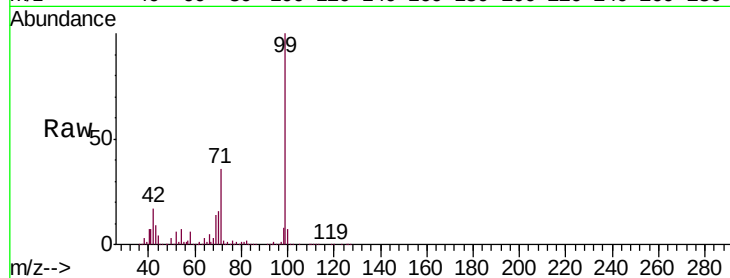
Tgt Ion: 99 Resp: 2119109

Ion Ratio Lower Upper

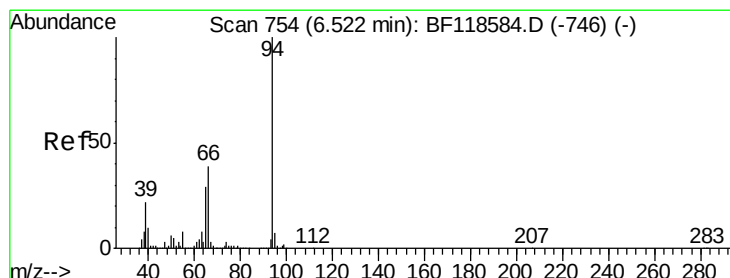
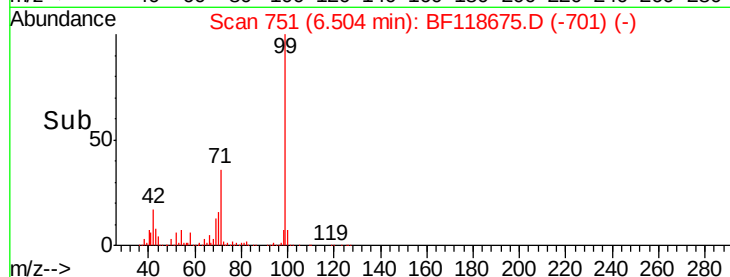
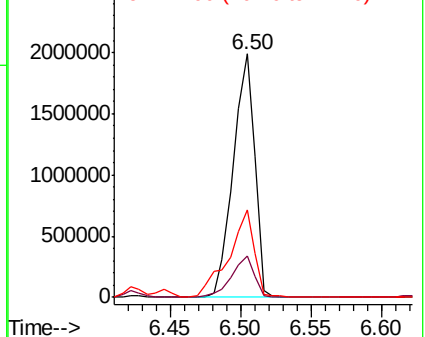
99 100

42 17.2 14.2 21.2

71 35.8 27.8 41.6



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



#10

Phenol

Concen: 5.913 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

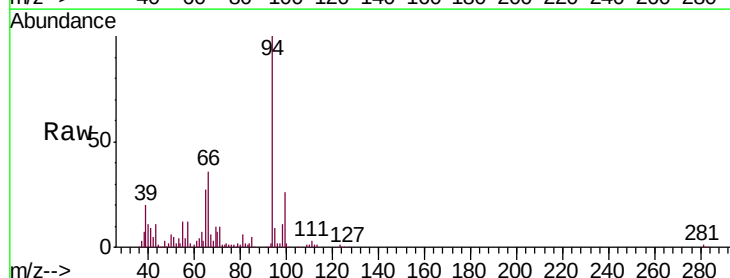
Tgt Ion: 94 Resp: 146259

Ion Ratio Lower Upper

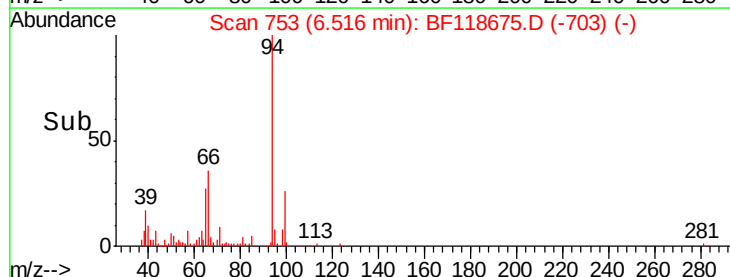
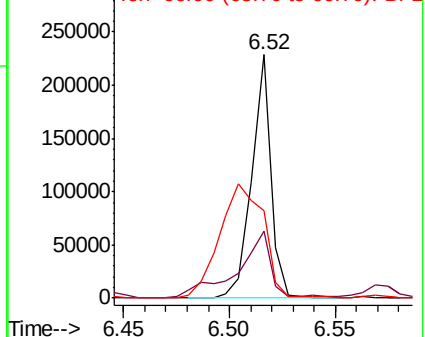
94 100

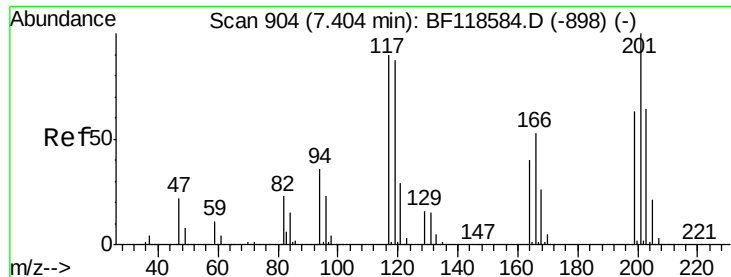
65 27.4 9.5 49.5

66 35.8 18.5 58.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

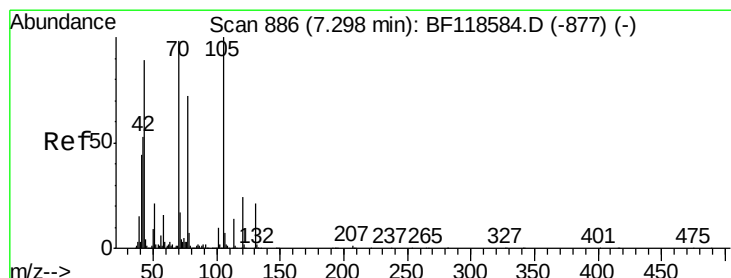
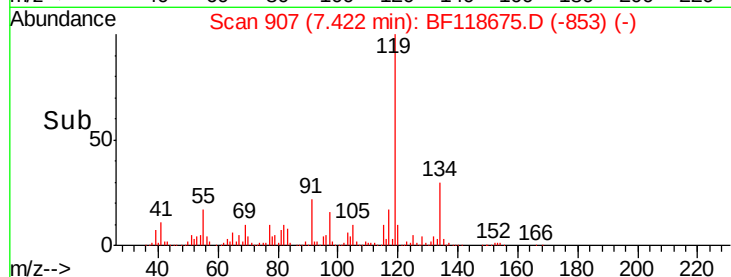
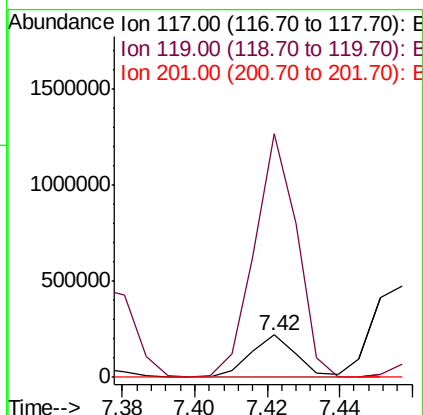
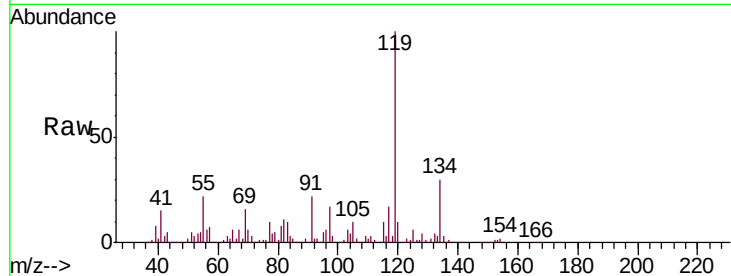




#18
Hexachloroethane
Concen: 24.503 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.02 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

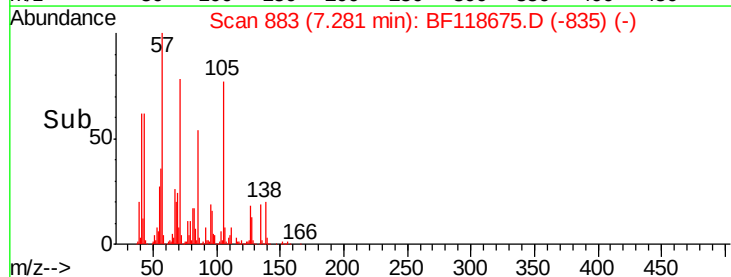
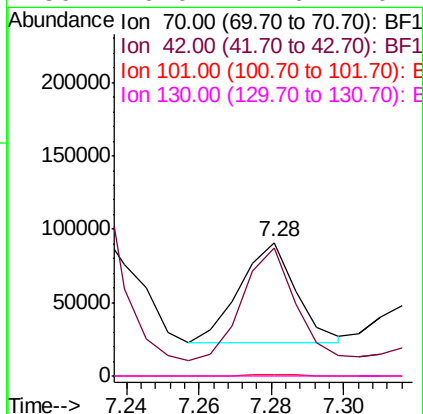
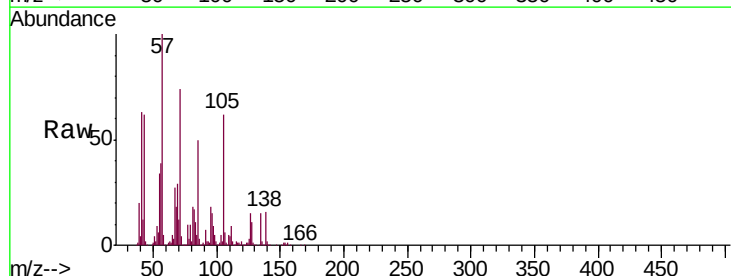
Instrument :
BNA_F
ClientSampleId :
K500-2RE

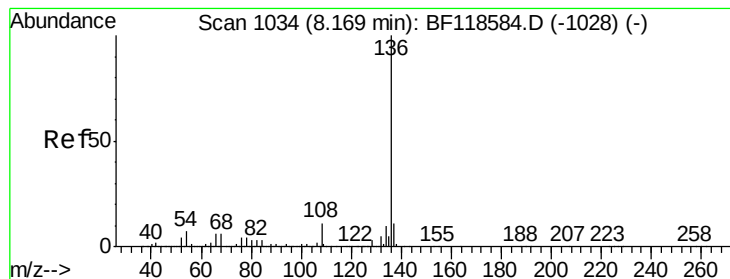
Tgt Ion: 117 Resp: 195688
Ion Ratio Lower Upper
117 100
119 576.1 77.6 116.4#
201 0.0 88.8 133.2#



#19
n-Nitroso-di-n-propylamine
Concen: 5.062 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion: 70 Resp: 74195
Ion Ratio Lower Upper
70 100
42 96.4 43.4 65.0#
101 1.0 8.1 12.1#
130 0.0 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

Tgt Ion:136 Resp: 478194

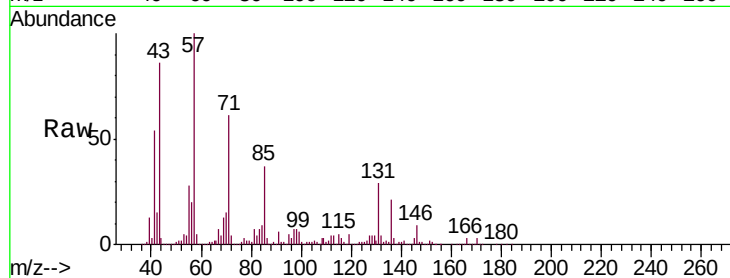
Ion Ratio Lower Upper

136 100

137 13.9 9.1 13.7#

54 21.1 5.8 8.6#

68 16.5 5.0 7.4#

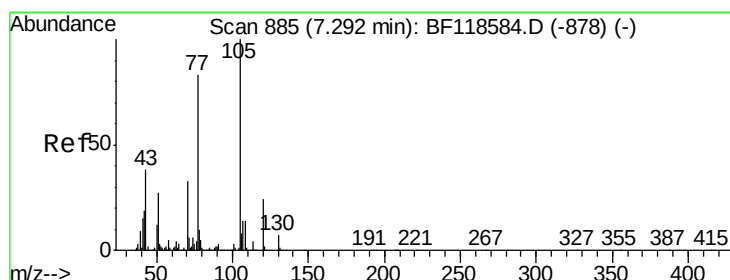
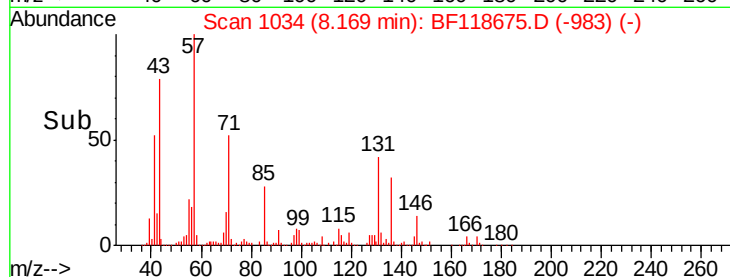
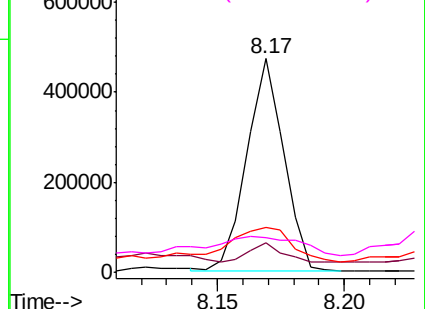


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.650 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Tgt Ion:105 Resp: 403838

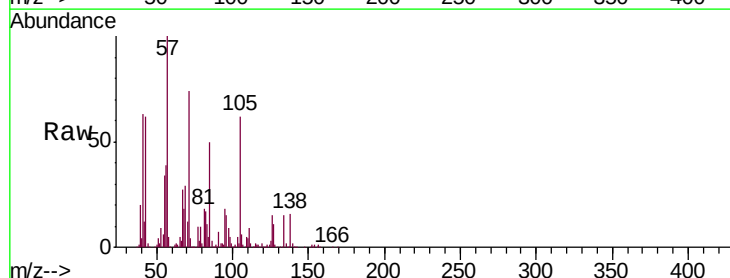
Ion Ratio Lower Upper

105 100

71 120.4 4.5 6.7#

51 6.2 21.5 32.3#

120 0.4 19.0 28.6#

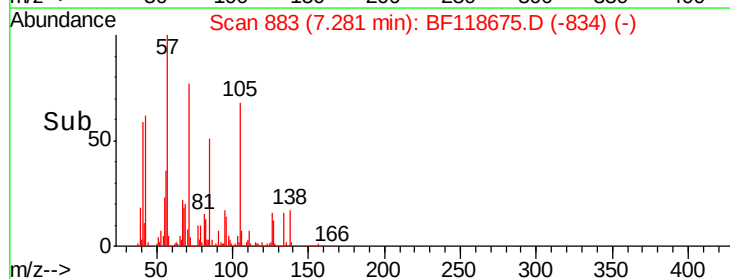
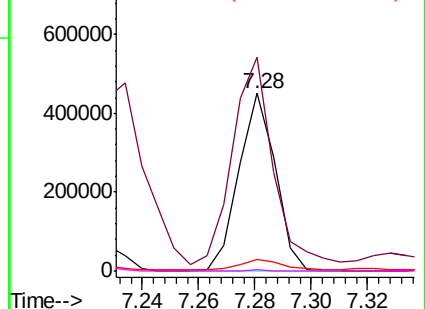


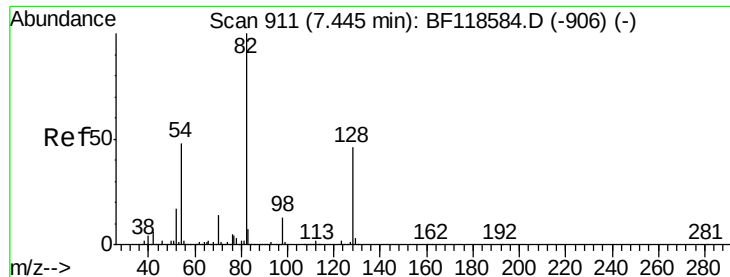
Abundance Ion 105.00 (104.70 to 105.70): E

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

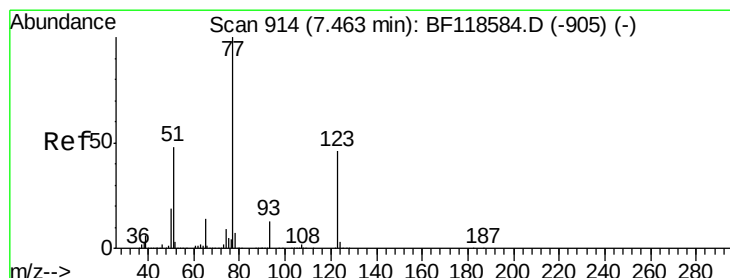
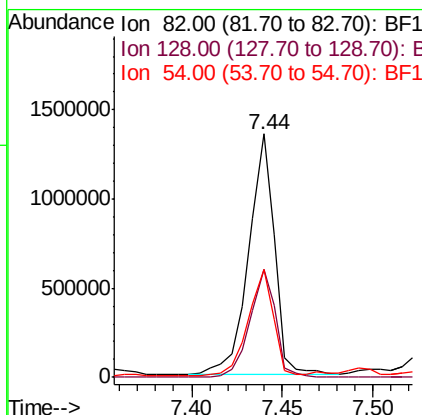
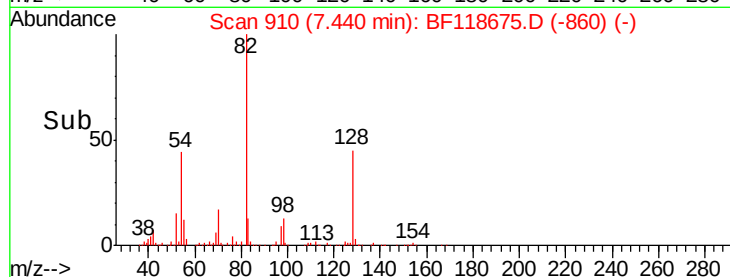
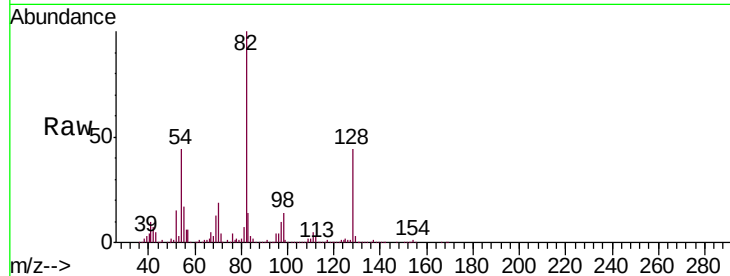




#23
 Nitrobenzene-d5
 Concen: 156.740 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

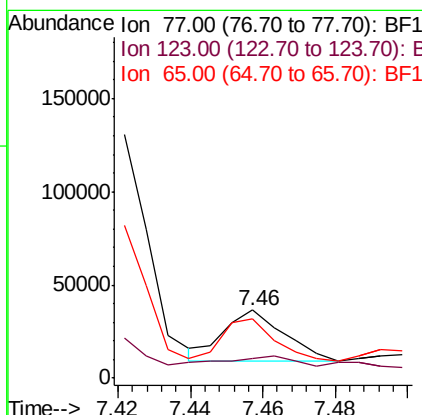
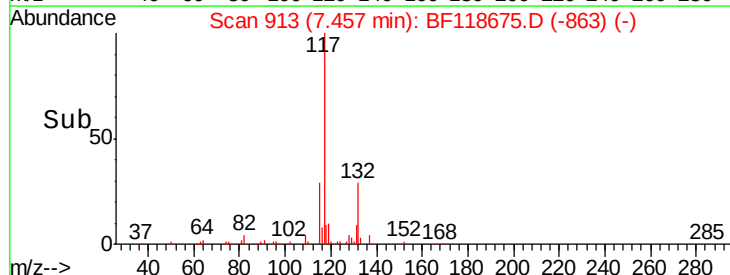
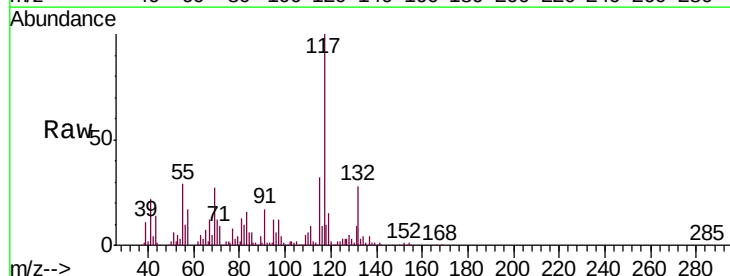
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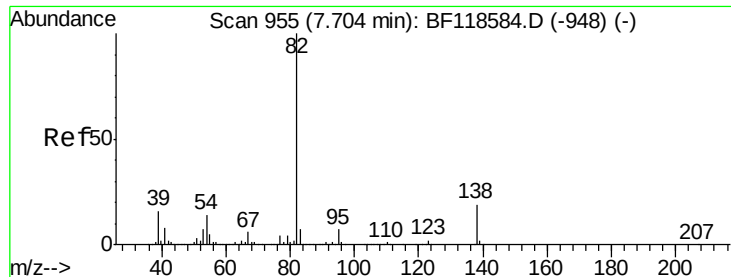
Tgt Ion: 82 Resp: 1340012
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.6 54.8
 54 44.4 38.0 57.0



#24
 Nitrobenzene
 Concen: 3.578 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion: 77 Resp: 31320
 Ion Ratio Lower Upper
 77 100
 123 29.5 37.0 55.4#
 65 87.0 11.1 16.7#





#25

Isophorone

Concen: 17.997 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

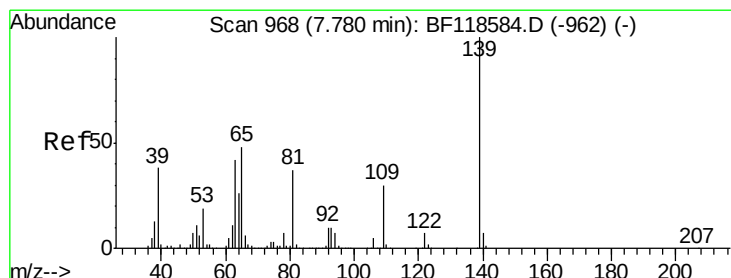
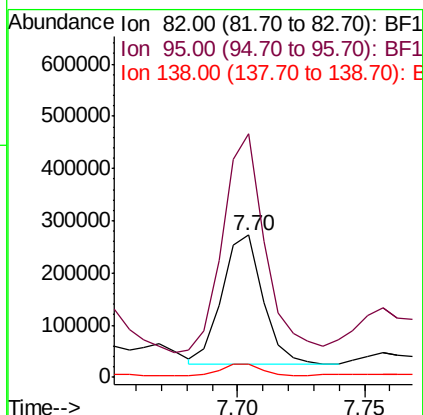
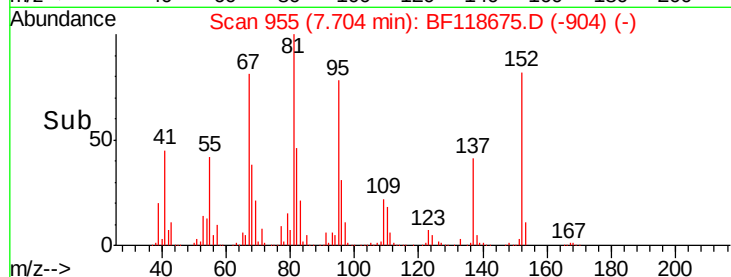
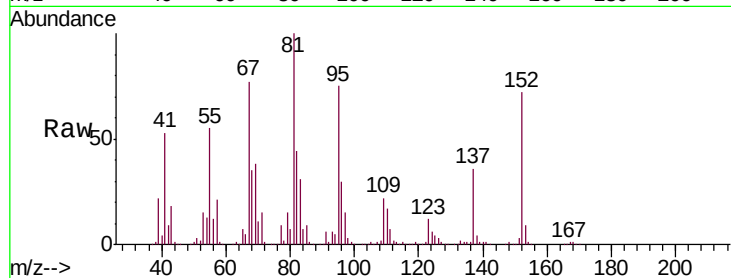
Tgt Ion: 82 Resp: 280643

Ion Ratio Lower Upper

82 100

95 171.0 5.9 8.9#

138 9.6 15.3 22.9#



#26

2-Nitrophenol

Concen: 5.299 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

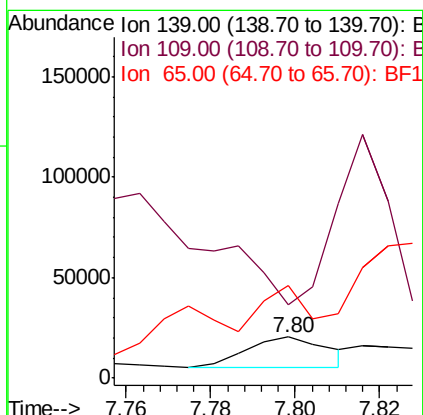
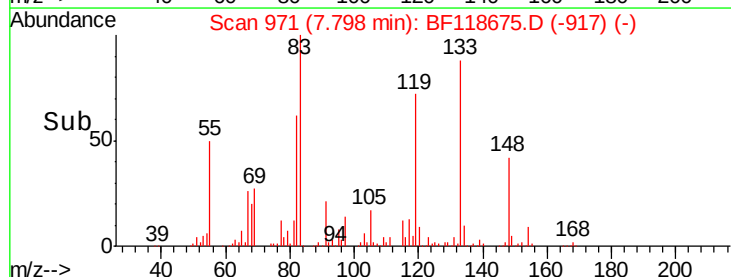
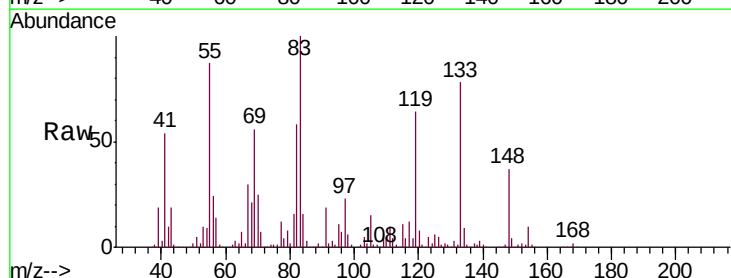
Tgt Ion: 139 Resp: 19781

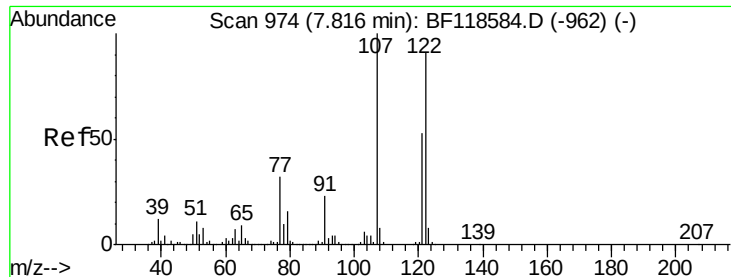
Ion Ratio Lower Upper

139 100

109 177.6 23.8 35.8#

65 225.7 38.5 57.7#

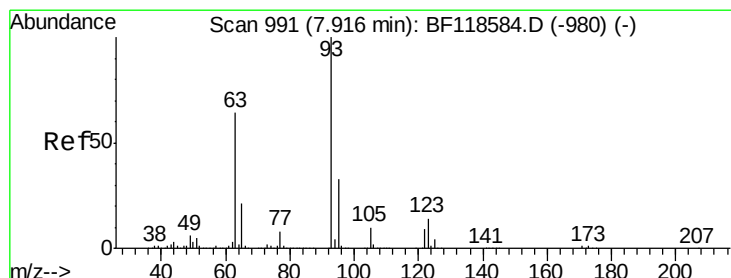
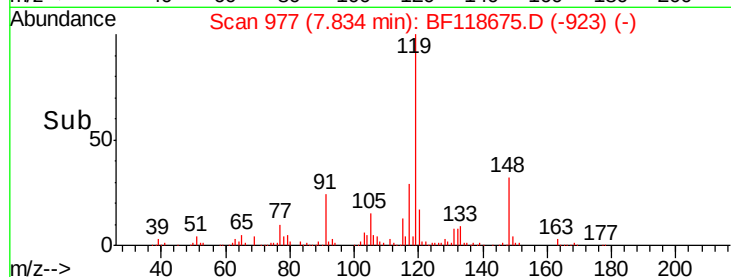
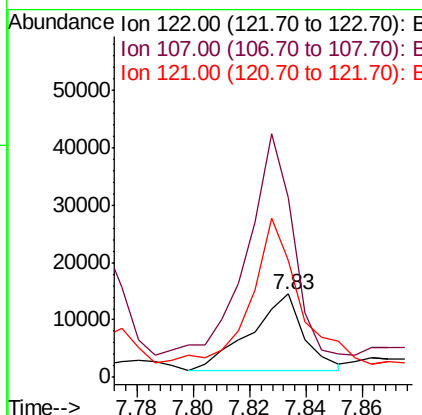
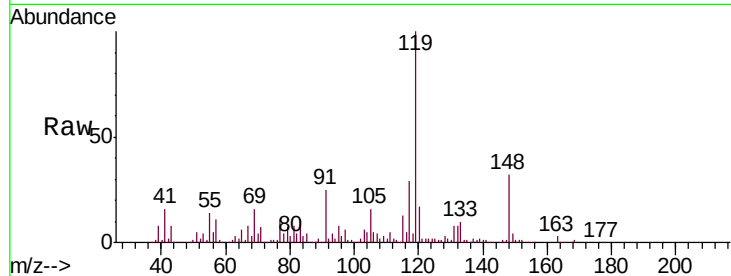




#27
2,4-Dimethylphenol
Concen: 2.776 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.02 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

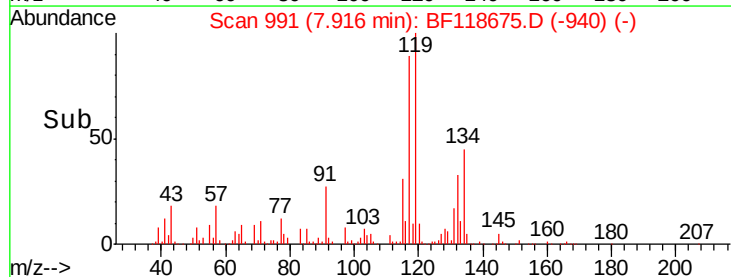
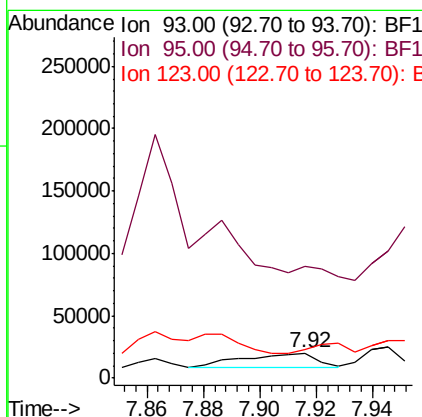
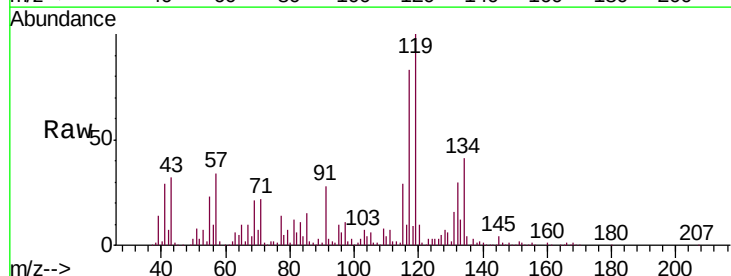
Instrument :
BNA_F
ClientSampleId :
K500-2RE

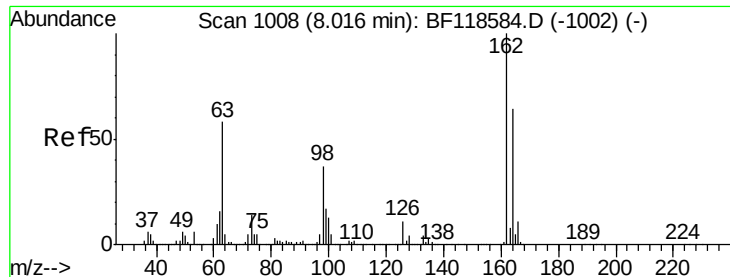
Tgt Ion:122 Resp: 17897
Ion Ratio Lower Upper
122 100
107 216.7 88.0 132.0#
121 140.5 46.3 69.5#



#28
bis(2-Chloroethoxy)methane
Concen: 2.198 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion: 93 Resp: 22082
Ion Ratio Lower Upper
93 100
95 447.2 26.7 40.1#
123 113.2 11.0 16.6#

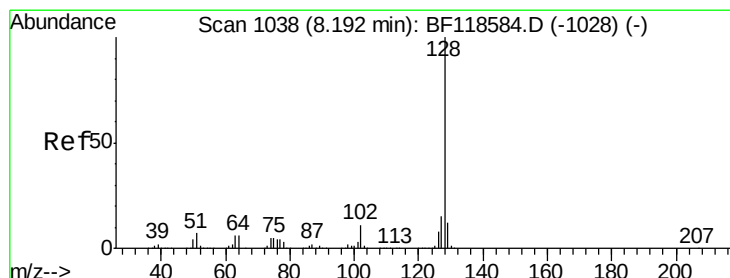
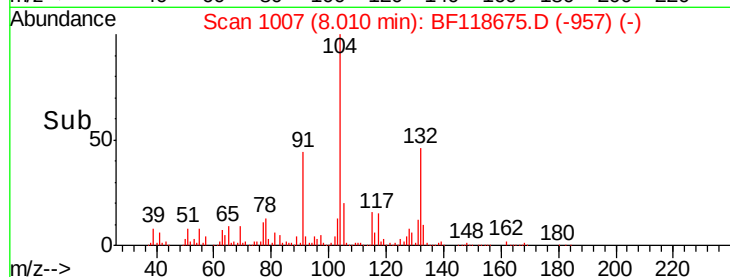
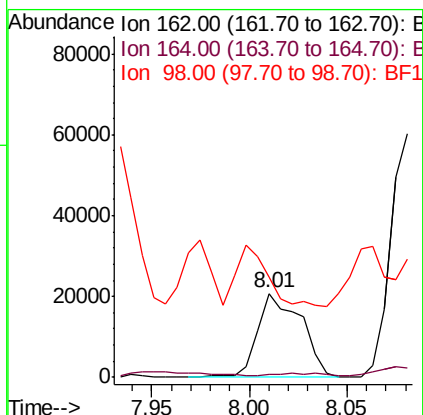
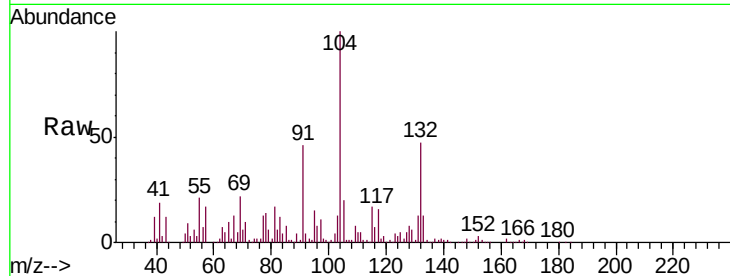




#29
2,4-Dichlorophenol
Concen: 4.532 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

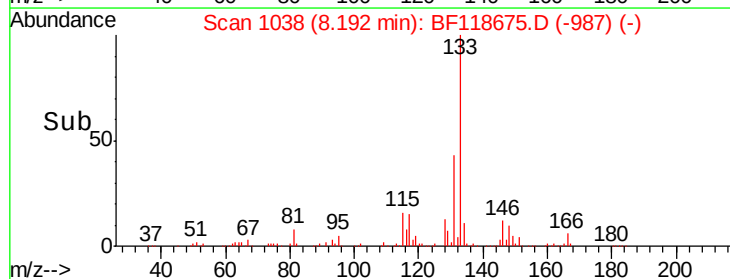
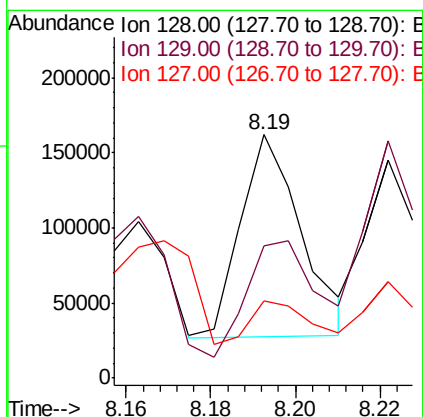
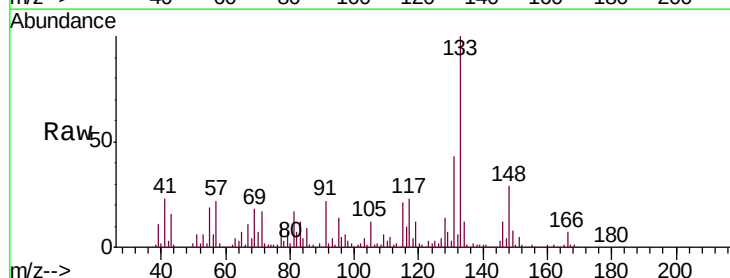
Instrument :
BNA_F
ClientSampleId :
K500-2RE

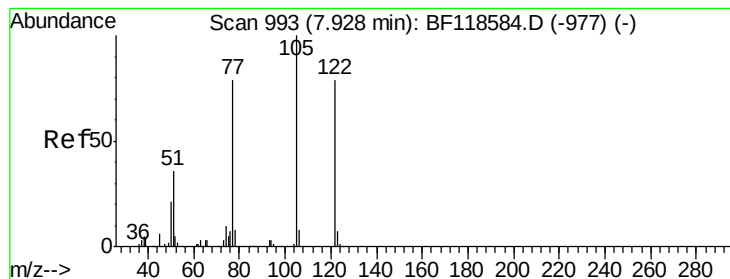
Tgt Ion:162 Resp: 32294
Ion Ratio Lower Upper
162 100
164 3.9 44.3 84.3#
98 118.8 17.5 57.5#



#31
Naphthalene
Concen: 6.244 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion:128 Resp: 134887
Ion Ratio Lower Upper
128 100
129 54.5 9.9 14.9#
127 31.5 12.0 18.0#





#32

Benzoic acid

Concen: 3.950 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.04 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

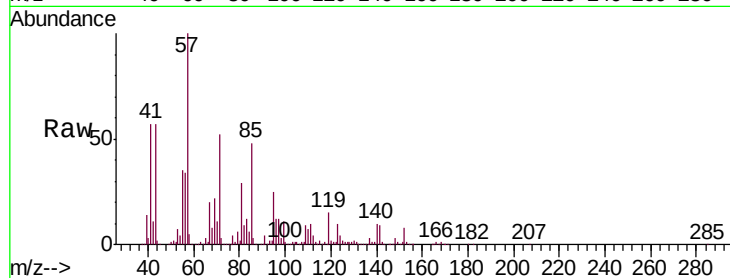
Tgt Ion:122 Resp: 19109

Ion Ratio Lower Upper

122 100

105 85.4 104.3 144.3#

77 335.9 79.4 119.4#

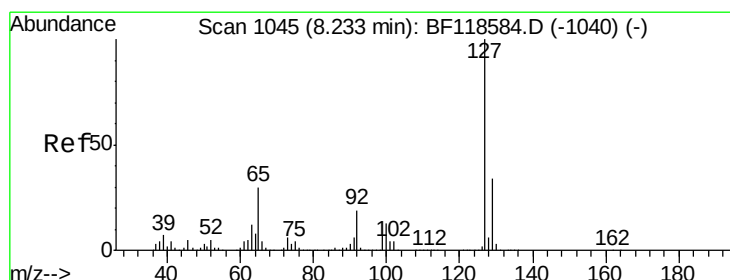
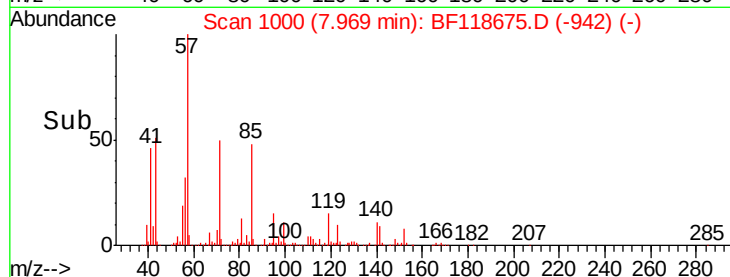
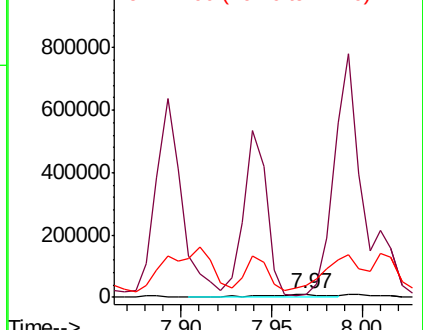


Abundance

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: 4.737 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Tgt Ion:127 Resp: 47295

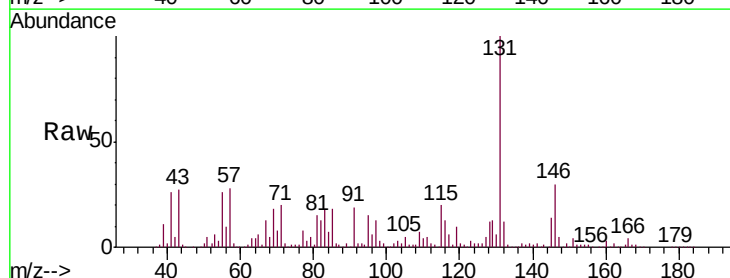
Ion Ratio Lower Upper

127 100

129 245.5 27.4 41.0#

65 105.9 23.6 35.4#

92 36.3 15.0 22.4#



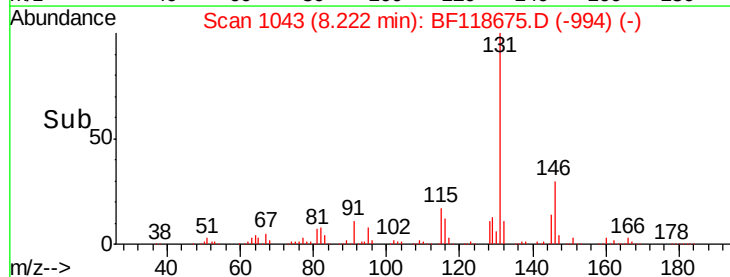
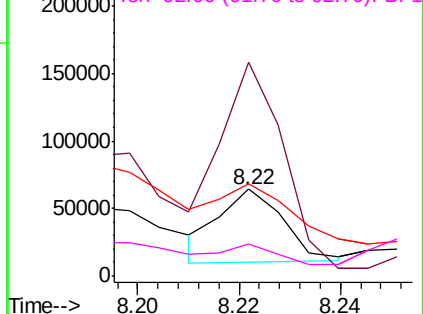
Abundance

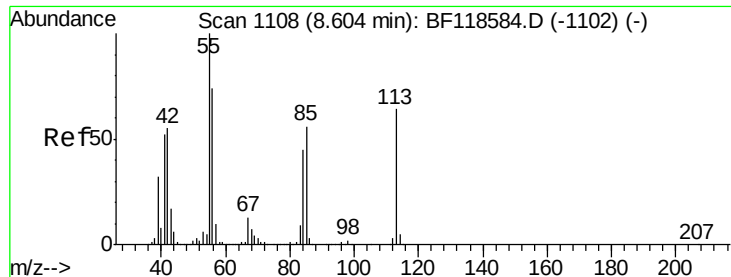
Ion 127.00 (126.70 to 127.70): E

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

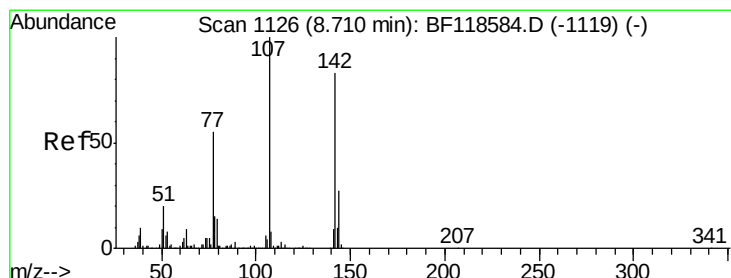
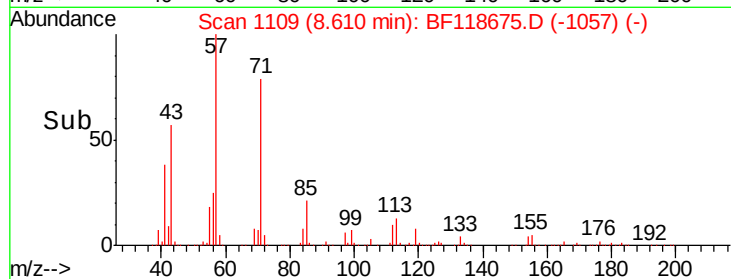
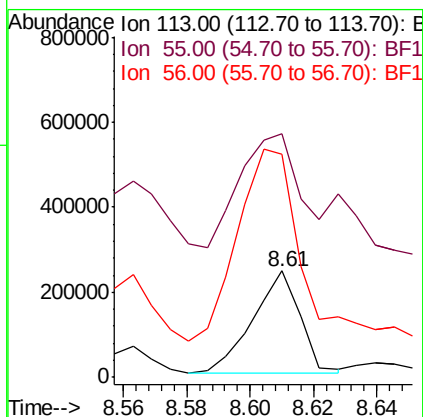
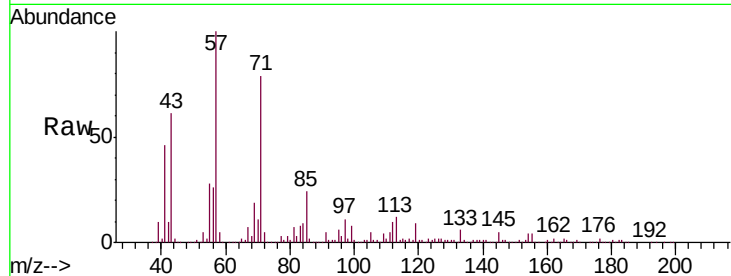




#35
 Caprolactam
 Concen: 106.928 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

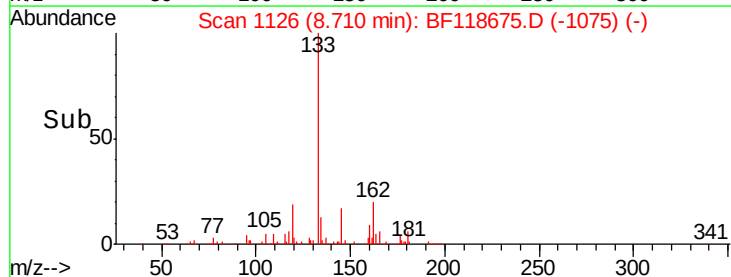
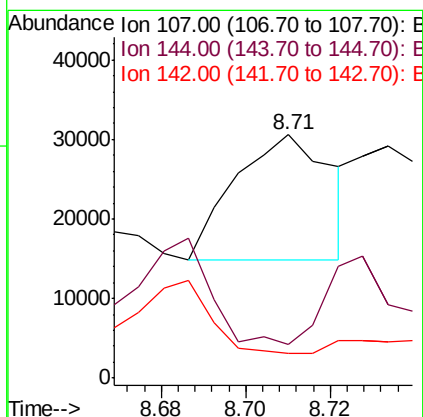
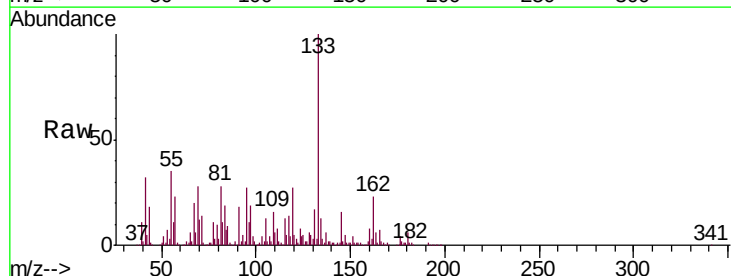
Instrument :
 BNA_F
 ClientSampleId :
 K500-2RE

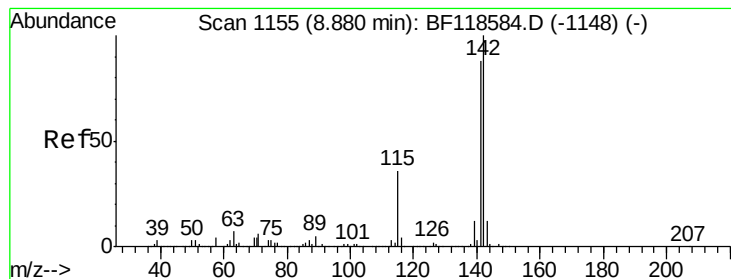
Tgt Ion:113 Resp: 249356
 Ion Ratio Lower Upper
 113 100
 55 229.0 136.1 176.1#
 56 209.6 95.2 135.2#



#36
 4-Chloro-3-methylphenol
 Concen: 3.526 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion:107 Resp: 24815
 Ion Ratio Lower Upper
 107 100
 144 14.0 21.8 32.8#
 142 10.0 66.5 99.7#





#37

2-Methylnaphthalene

Concen: 6.893 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampled :

K500-2RE

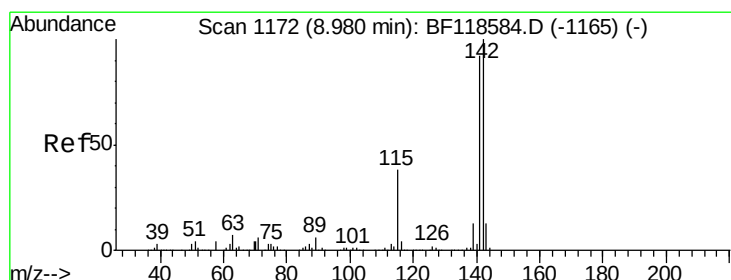
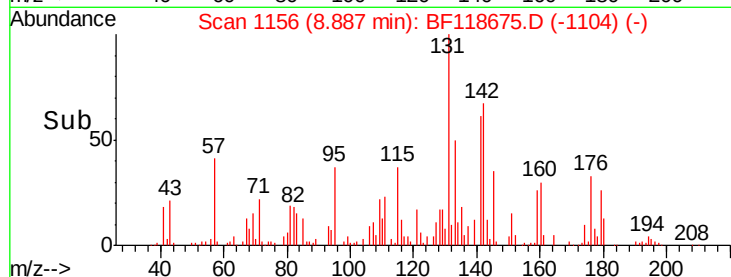
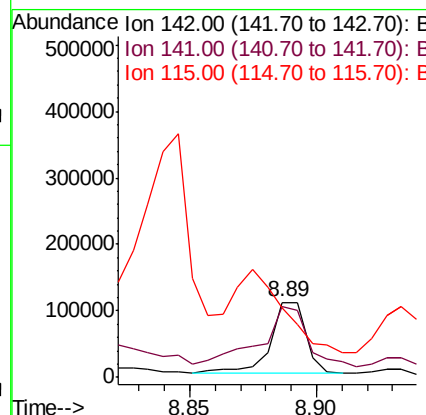
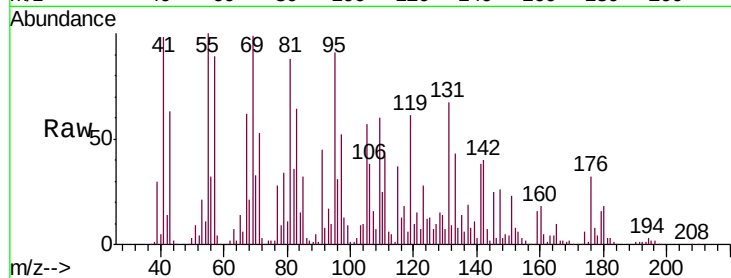
Tgt Ion:142 Resp: 105106

Ion Ratio Lower Upper

142 100

141 95.1 70.7 106.1

115 93.1 28.5 42.7#



#38

1-Methylnaphthalene

Concen: 19.176 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

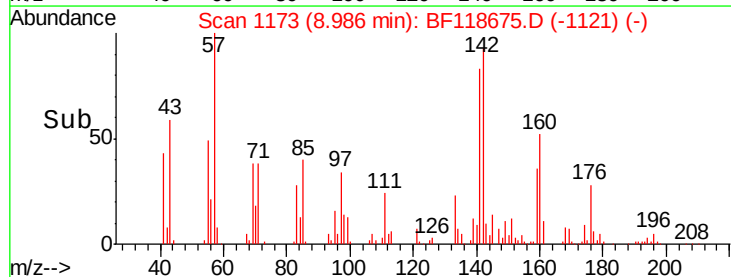
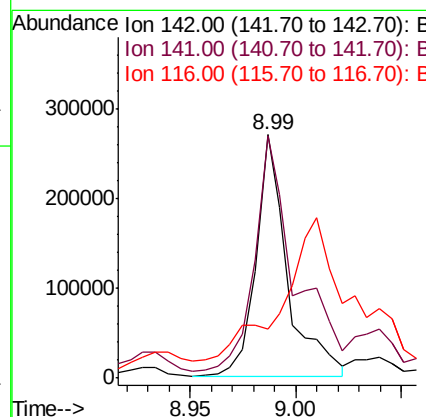
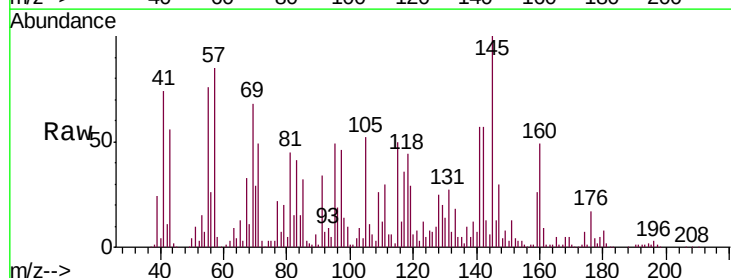
Tgt Ion:142 Resp: 277781

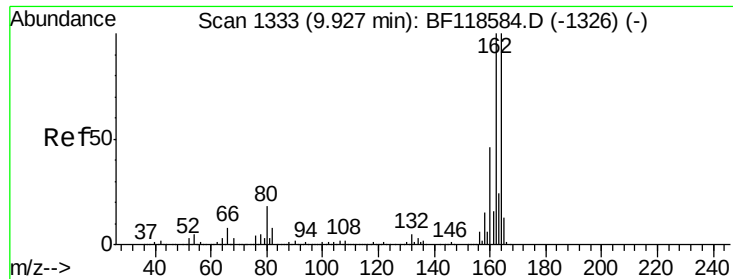
Ion Ratio Lower Upper

142 100

141 99.4 73.4 110.2

116 20.3 3.3 4.9#

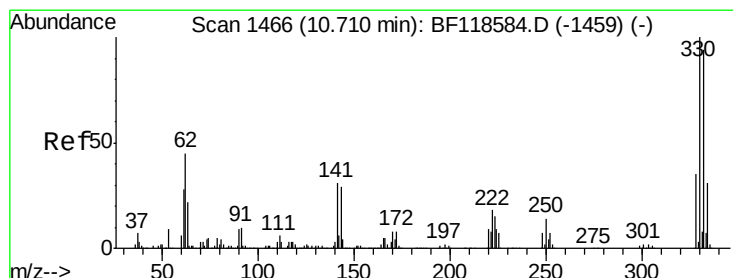
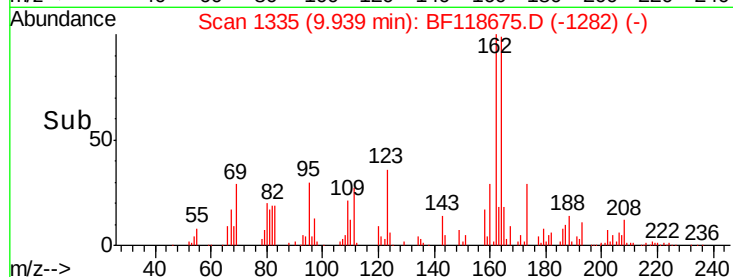
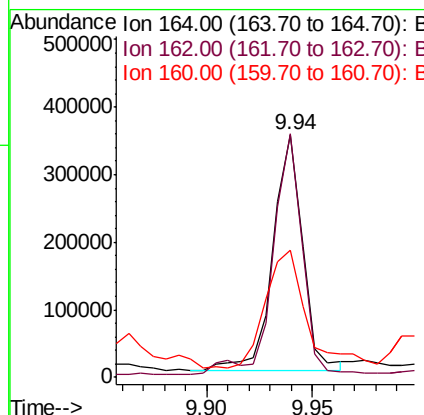
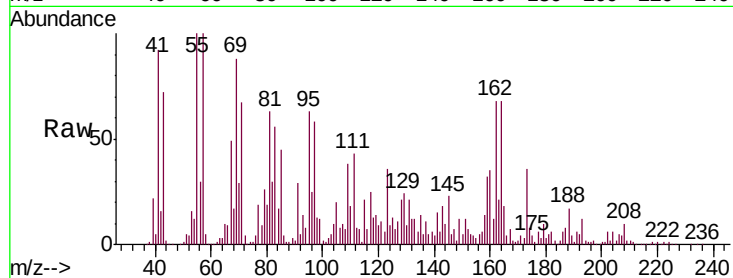




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

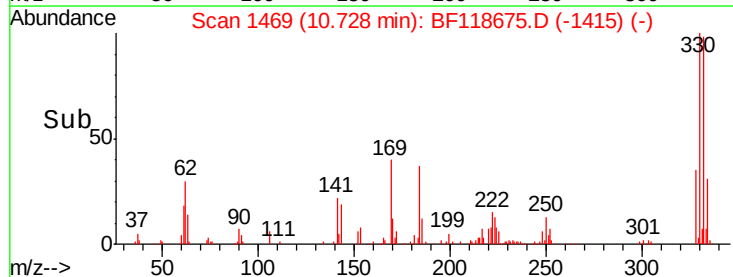
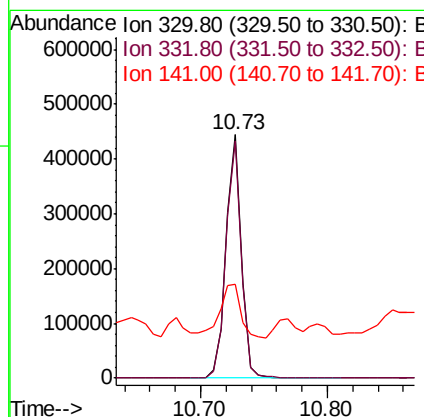
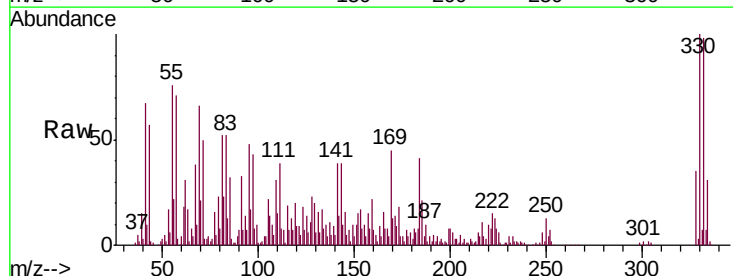
Instrument :
 BNA_F
 ClientSampleId :
 K500-2RE

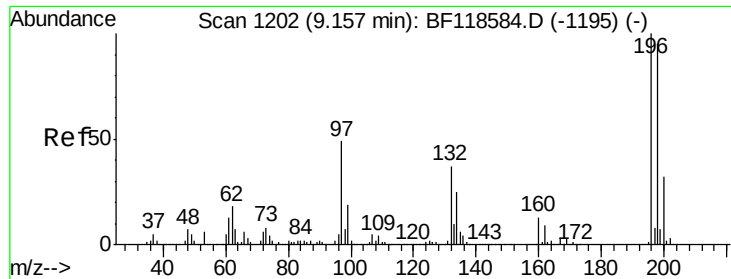
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.4	120.6
160	52.3	36.6	55.0



#42
 2,4,6-Tribromophenol
 Concen: 93.370 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.02 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	30.9	23.9	35.9

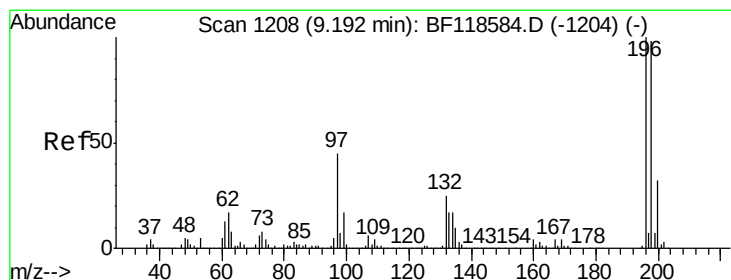
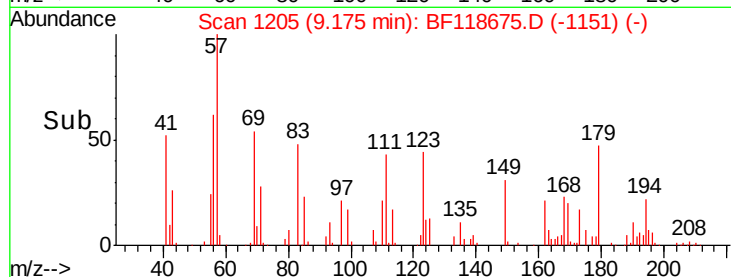
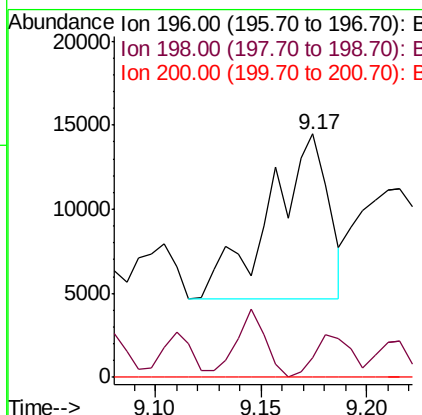
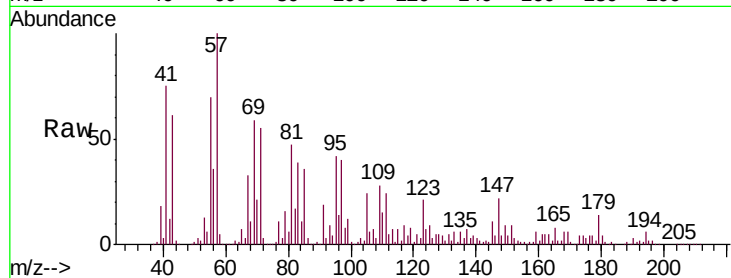




#43
 2,4,6-Trichlorophenol
 Concen: 2.641 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.02 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

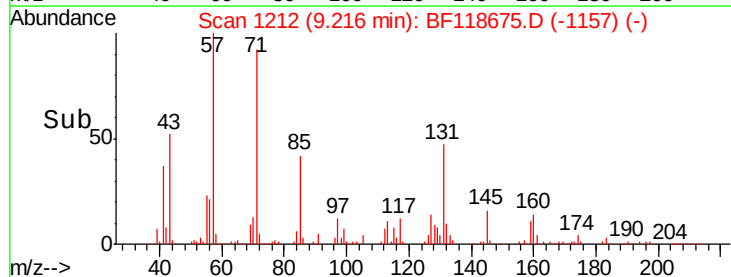
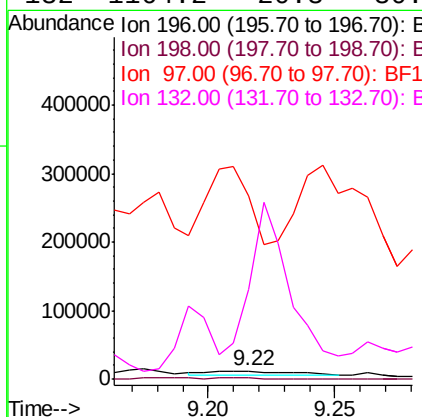
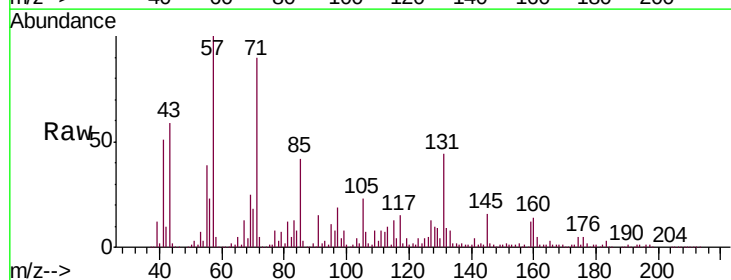
Instrument :
 BNA_F
 ClientSampled :
 K500-2RE

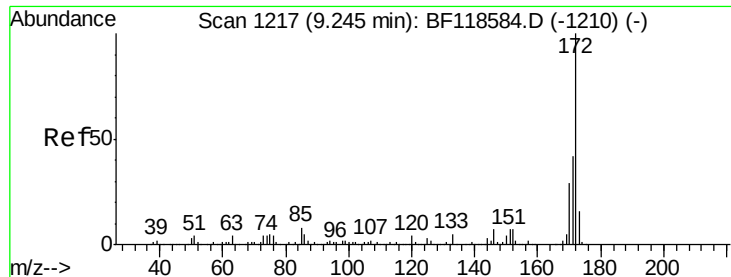
Tgt Ion:196 Resp: 19032
 Ion Ratio Lower Upper
 196 100
 198 7.8 76.3 114.5#
 200 0.0 25.4 38.2#



#44
 2,4,5-Trichlorophenol
 Concen: 2.083 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.02 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion:196 Resp: 15329
 Ion Ratio Lower Upper
 196 100
 198 19.1 78.3 117.5#
 97 2388.5 35.9 53.9#
 132 1164.2 20.3 30.5#

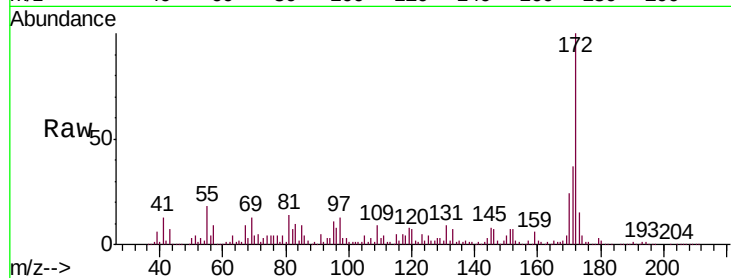




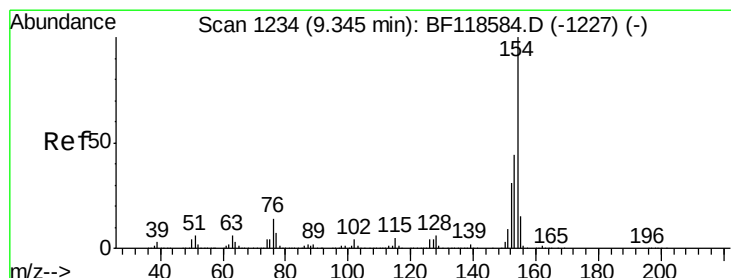
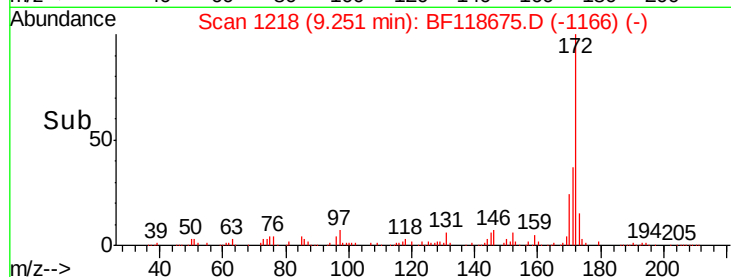
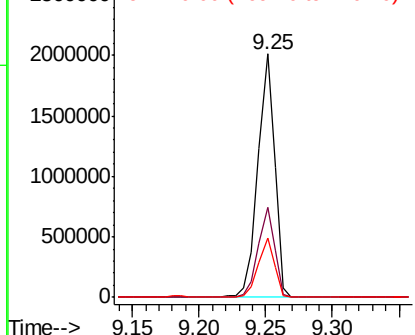
#45
2-Fluorobiphenyl
Concen: 82.213 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Instrument :
BNA_F
ClientSampleId :
K500-2RE

Tgt Ion:172 Resp: 1735984
Ion Ratio Lower Upper
172 100
171 37.1 33.4 50.2
170 24.4 23.2 34.8

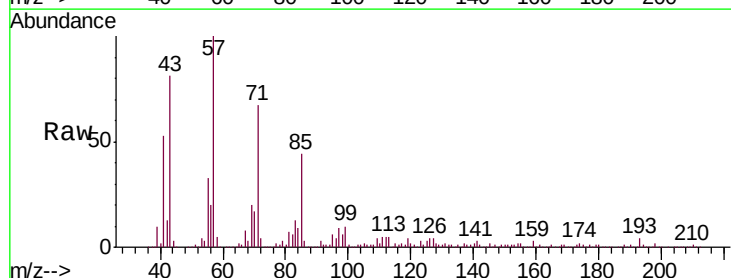


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

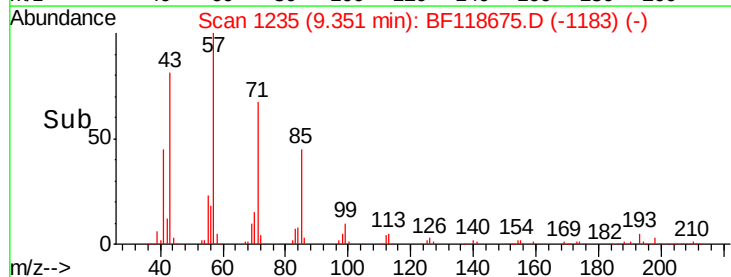
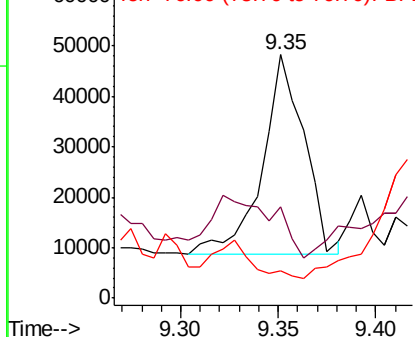


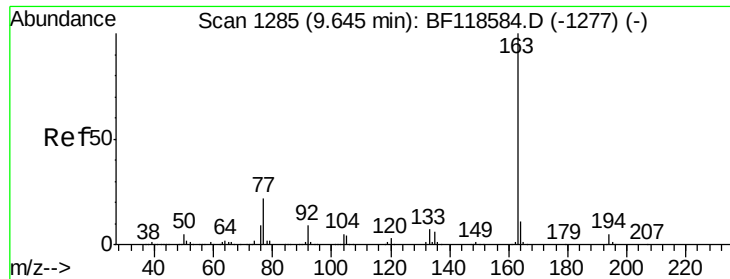
#46
1,1'-Biphenyl
Concen: 2.432 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion:154 Resp: 58165
Ion Ratio Lower Upper
154 100
153 37.7 23.8 63.8
76 11.4 0.0 34.3



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

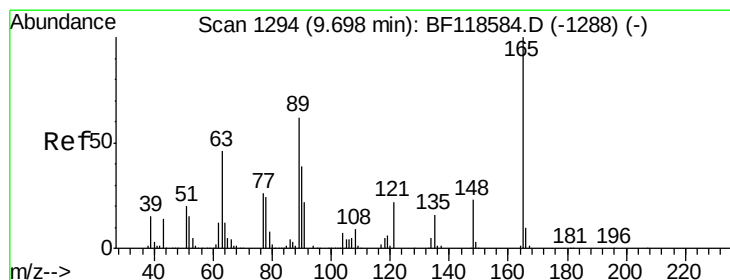
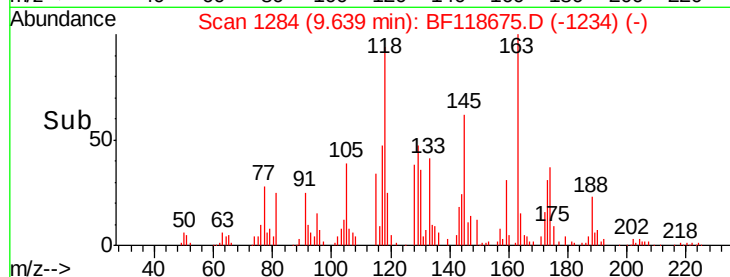
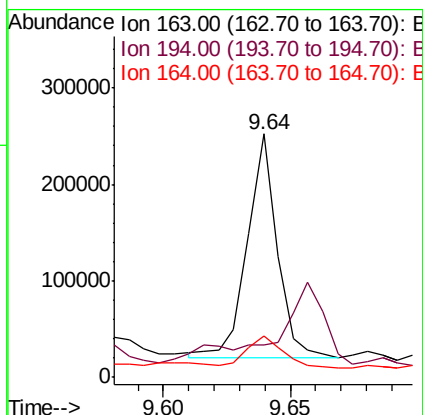
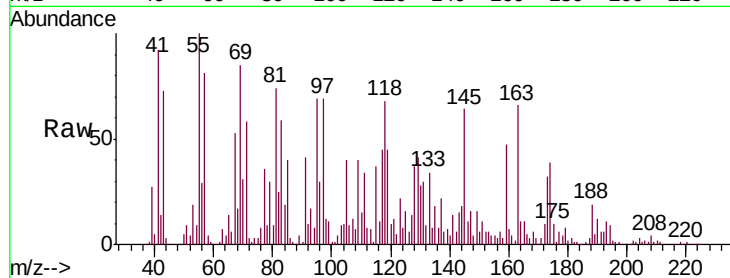




#50
Dimethylphthalate
Concen: 8.458 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

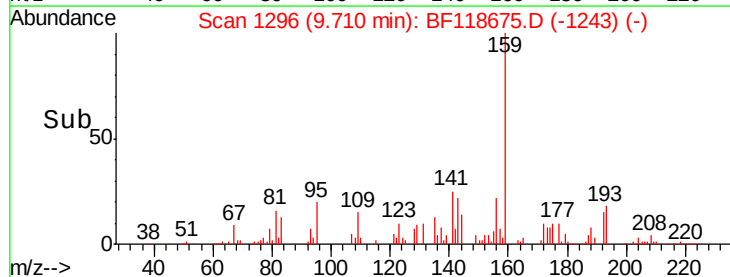
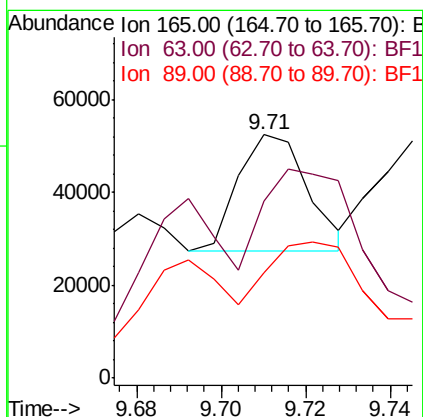
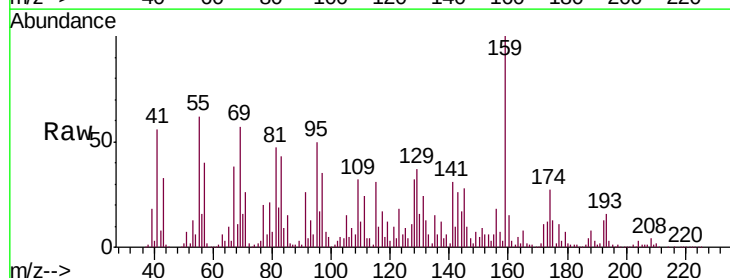
Instrument :
BNA_F
ClientSampleId :
K500-2RE

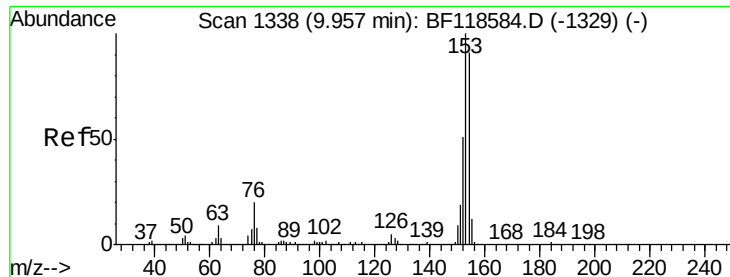
Tgt Ion:163 Resp: 191244
Ion Ratio Lower Upper
163 100
194 13.4 3.9 5.9#
164 17.1 9.1 13.7#



#51
2,6-Dinitrotoluene
Concen: 5.623 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion:165 Resp: 28469
Ion Ratio Lower Upper
165 100
63 72.9 48.9 73.3
89 43.2 49.8 74.6#





#52

Acenaphthene

Concen: 2.239 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

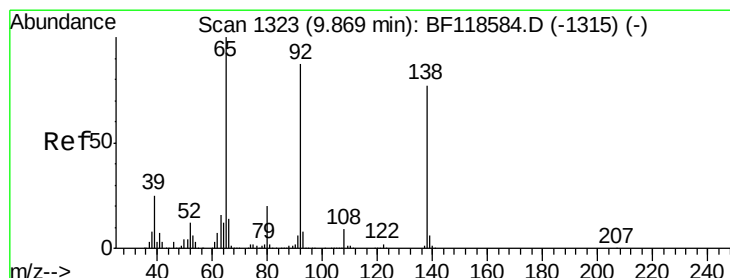
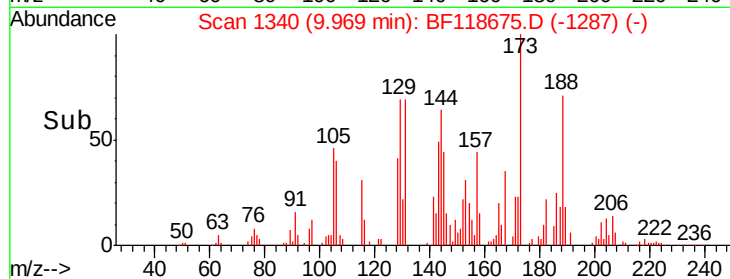
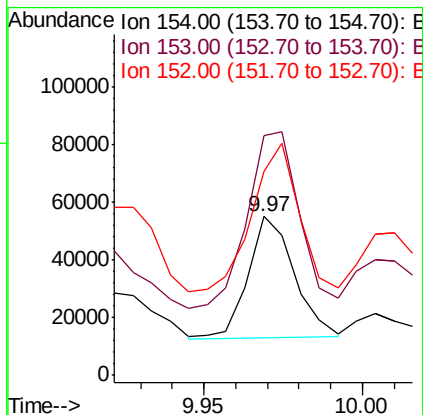
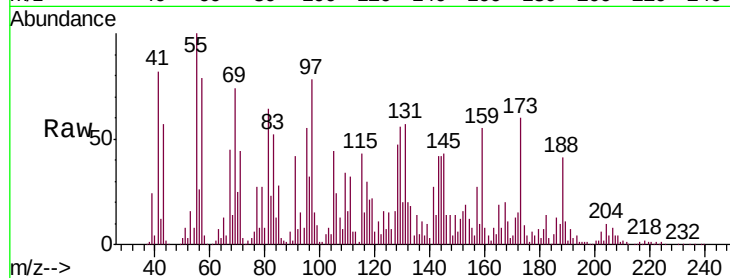
Tgt Ion:154 Resp: 42462

Ion Ratio Lower Upper

154 100

153 151.0 87.6 131.4#

152 128.6 44.4 66.6#



#53

3-Nitroaniline

Concen: 7.907 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

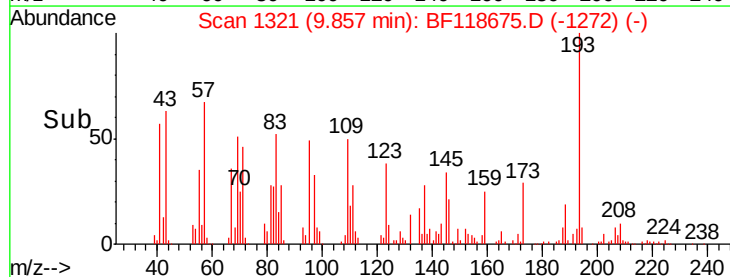
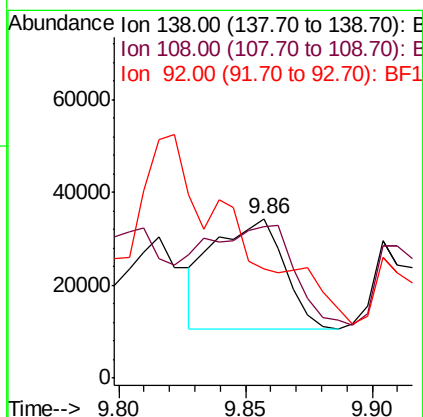
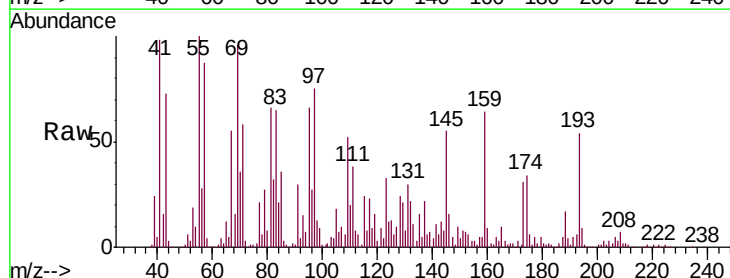
Tgt Ion:138 Resp: 45713

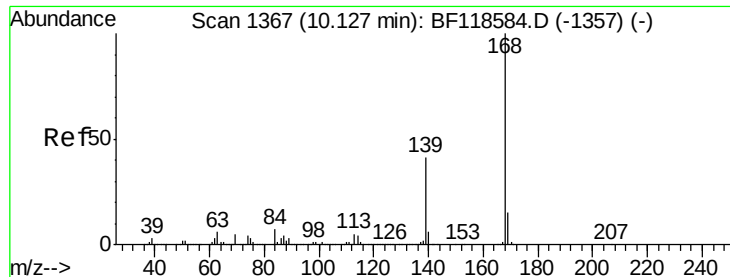
Ion Ratio Lower Upper

138 100

108 94.6 9.6 14.4#

92 68.3 90.6 136.0#





#55

Dibenzofuran

Concen: 2.451 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

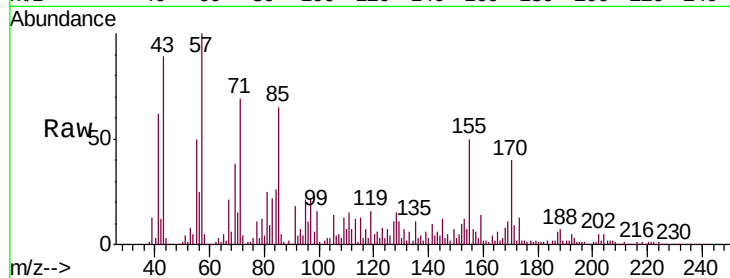
Tgt Ion:168 Resp: 64421

Ion Ratio Lower Upper

168 100

139 76.8 32.7 49.1#

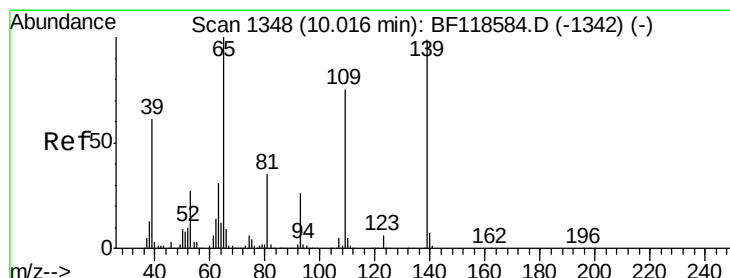
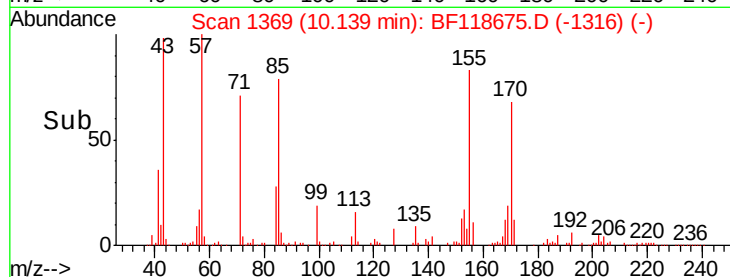
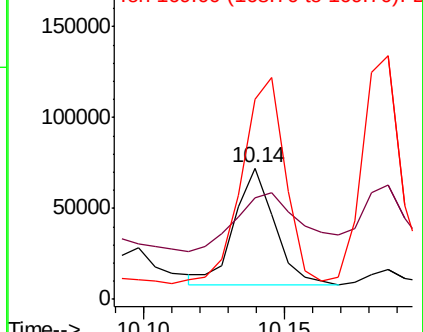
169 151.6 12.2 18.2#



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: 15.766 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.03 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

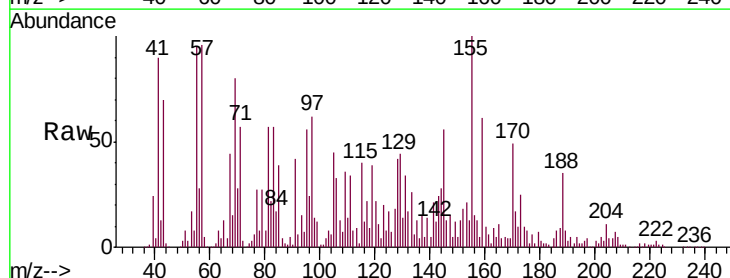
Tgt Ion:139 Resp: 68811

Ion Ratio Lower Upper

139 100

109 263.7 56.0 96.0#

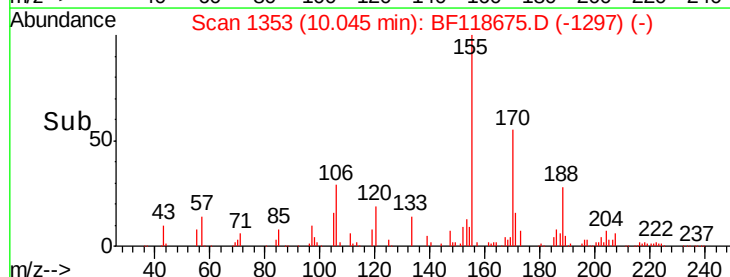
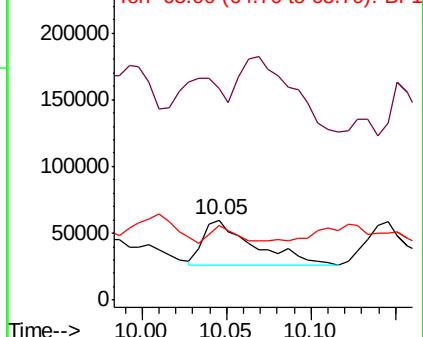
65 93.9 81.4 121.4

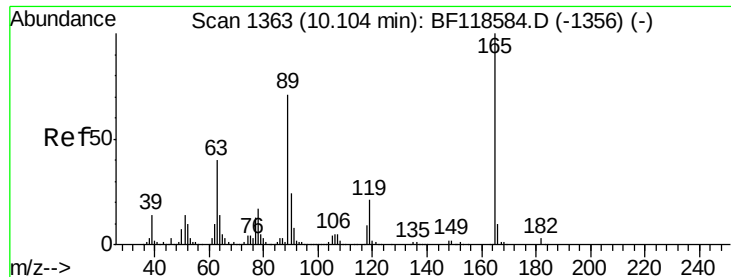


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

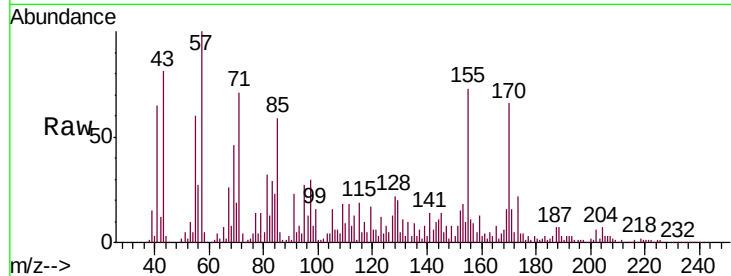




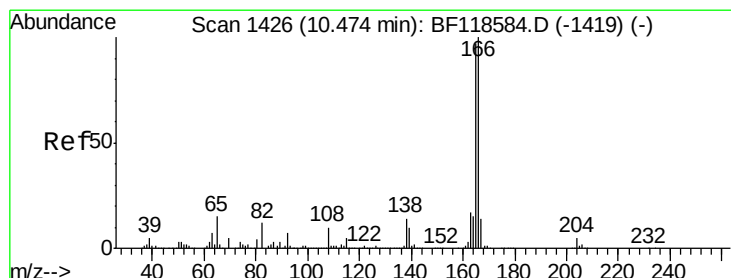
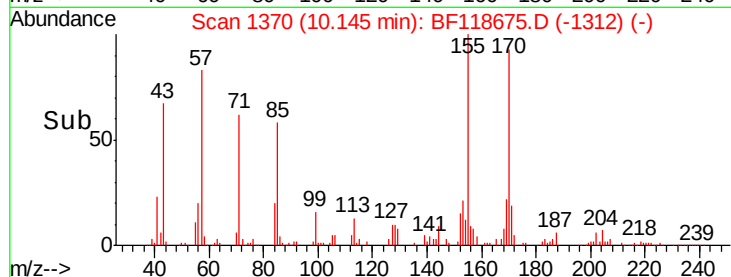
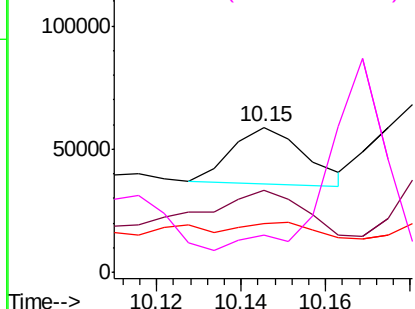
#57
 2,4-Dinitrotoluene
 Concen: 4.330 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.04 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Instrument :
 BNA_F
 ClientSampleId :
 K500-2RE

Tgt Ion:165 Resp: 27639
 Ion Ratio Lower Upper
 165 100
 63 56.2 32.4 48.6#
 89 33.7 56.4 84.6#
 182 25.6 2.3 3.5#

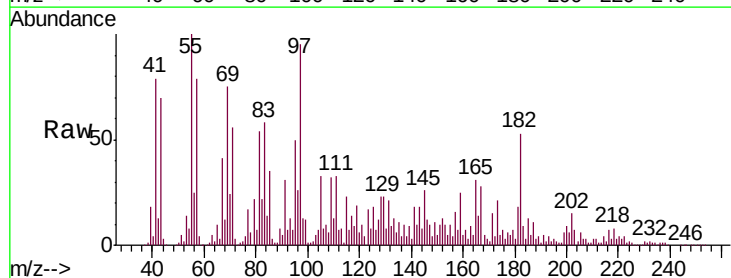


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

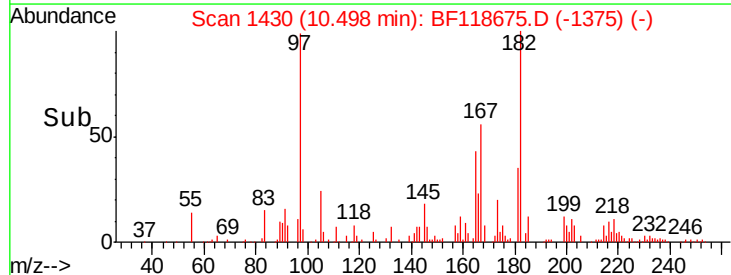
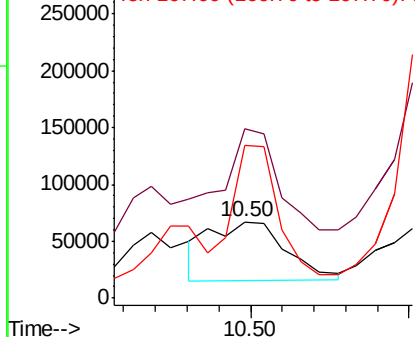


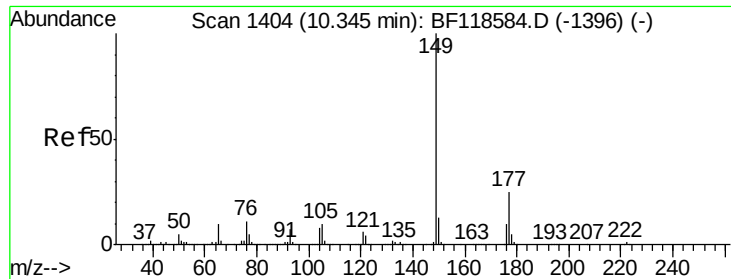
#58
 Fluorene
 Concen: 4.227 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.02 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion:166 Resp: 87225
 Ion Ratio Lower Upper
 166 100
 165 223.5 77.3 115.9#
 167 200.1 11.5 17.3#



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

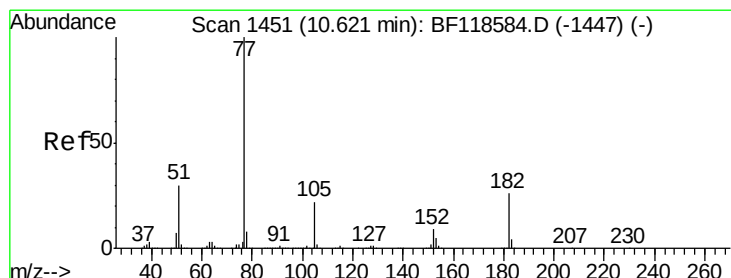
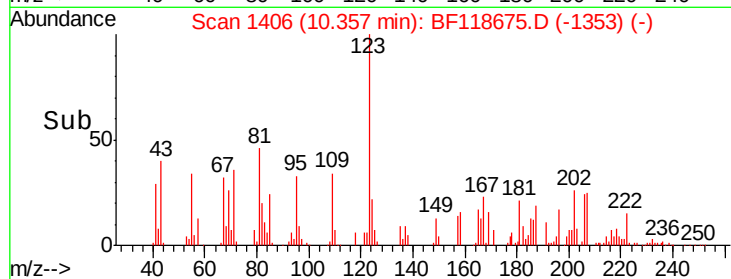
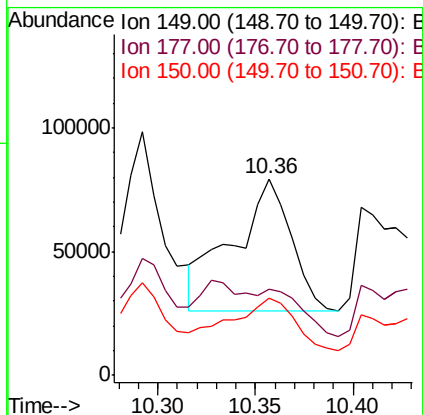
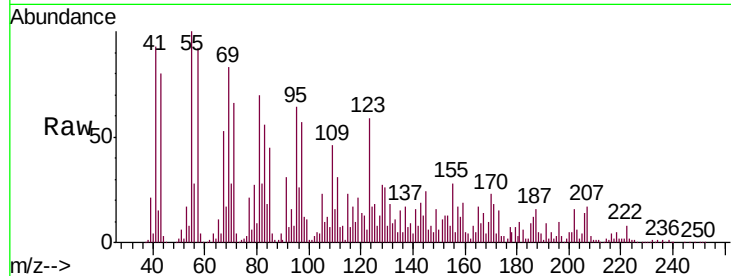




#60
Diethylphthalate
Concen: 5.022 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

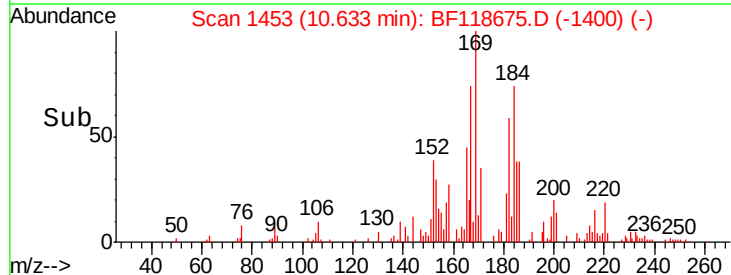
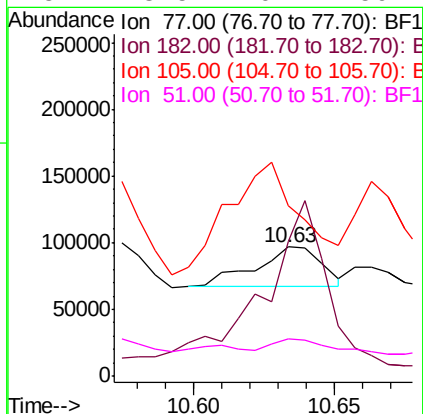
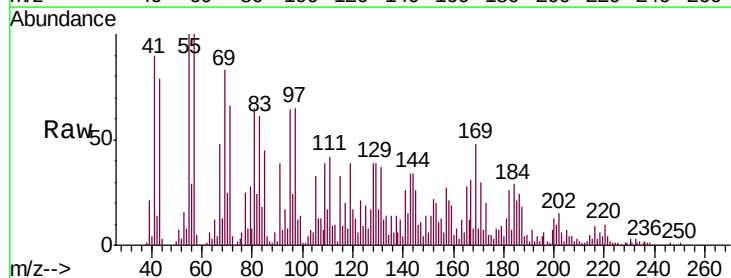
Instrument :
BNA_F
ClientSampleId :
K500-2RE

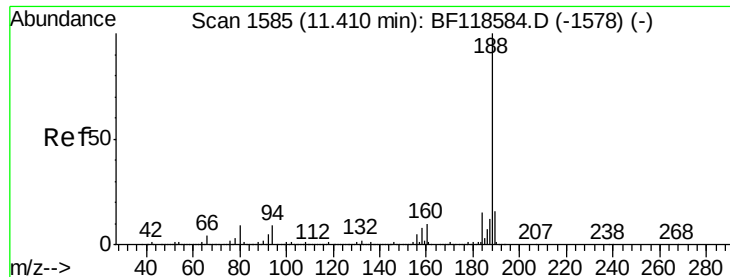
Tgt Ion: 149 Resp: 110098
Ion Ratio Lower Upper
149 100
177 44.1 20.0 30.0#
150 39.4 10.6 16.0#



#63
Azobenzene
Concen: 2.226 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion: 77 Resp: 47262
Ion Ratio Lower Upper
77 100
182 104.0 5.6 45.6#
105 132.0 2.0 42.0#
51 28.5 10.2 50.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampled :

K500-2RE

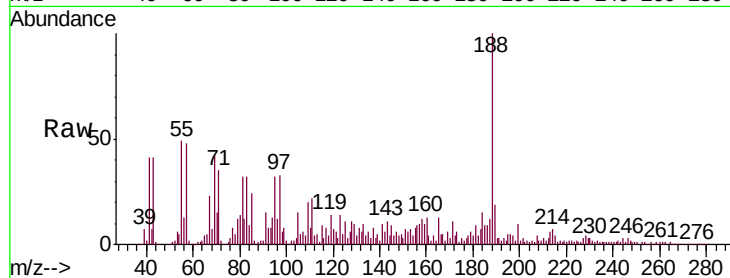
Tgt Ion:188 Resp: 595705

Ion Ratio Lower Upper

188 100

94 13.0 7.1 10.7#

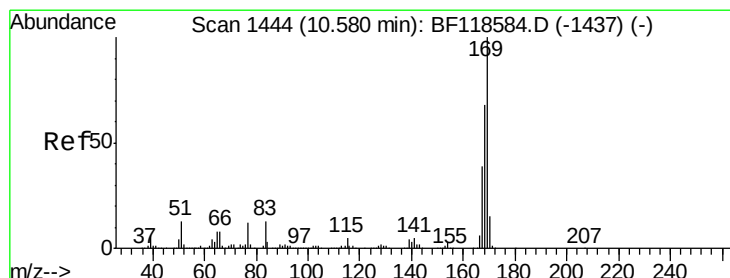
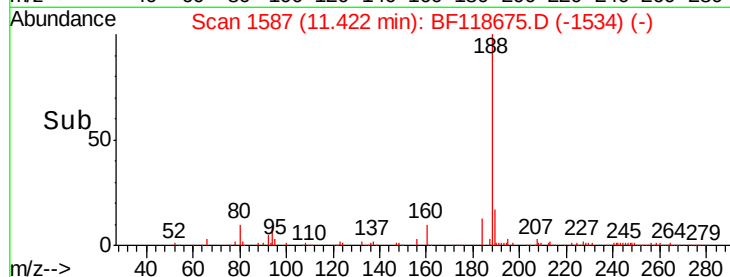
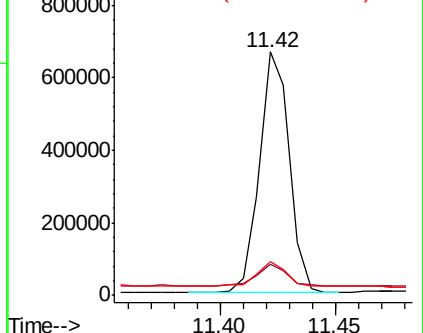
80 13.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 6.169 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

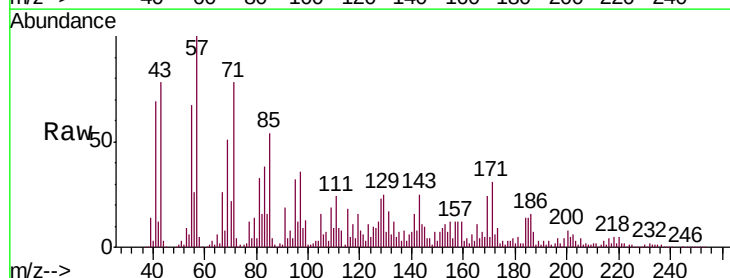
Tgt Ion:169 Resp: 110820

Ion Ratio Lower Upper

169 100

168 18.7 54.6 82.0#

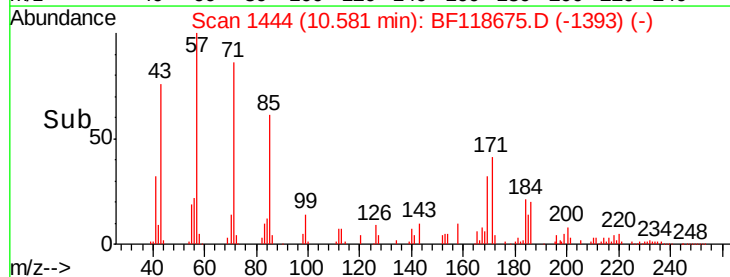
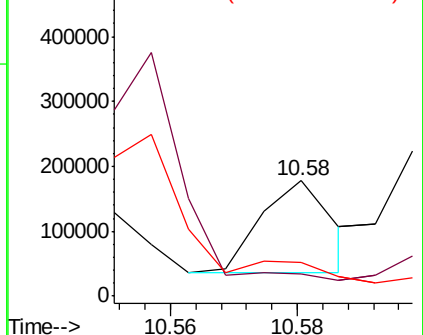
167 29.4 30.9 46.3#

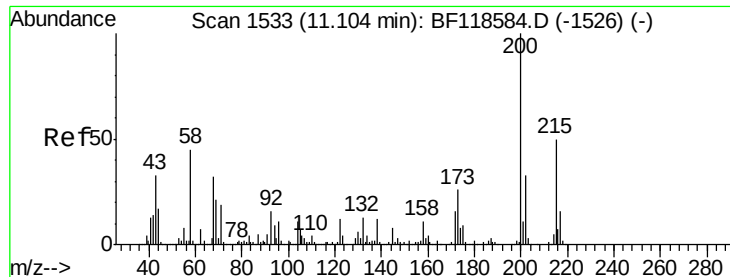


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Atrazine

Concen: 15.156 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.04 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

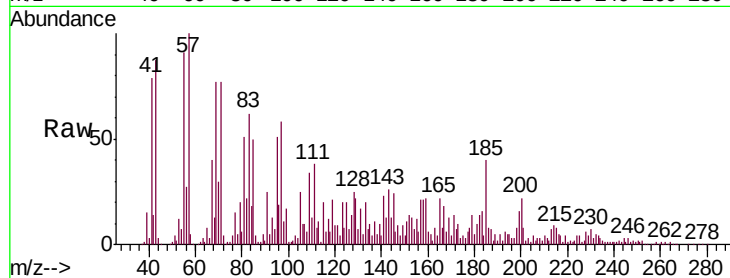
Tgt Ion:200 Resp: 94370

Ion Ratio Lower Upper

200 100

173 44.1 6.3 46.3

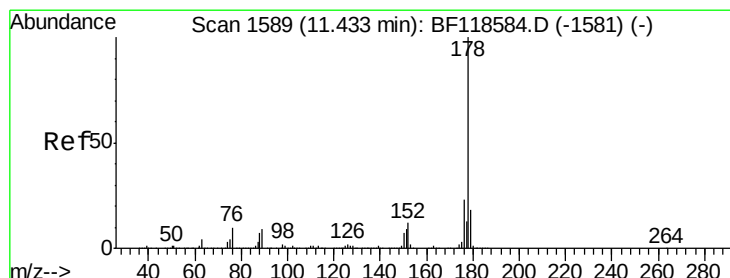
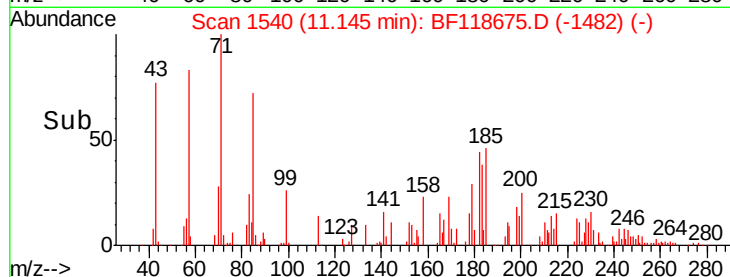
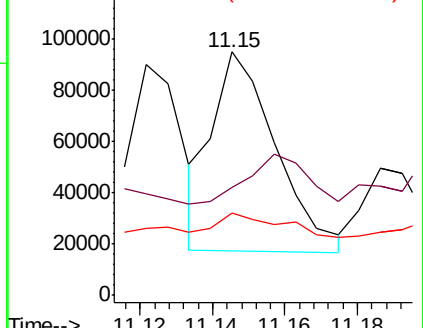
215 33.9 30.2 70.2



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: 2.059 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

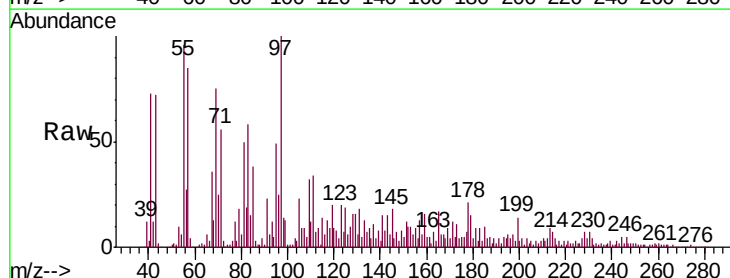
Tgt Ion:178 Resp: 59178

Ion Ratio Lower Upper

178 100

176 24.3 18.6 27.8

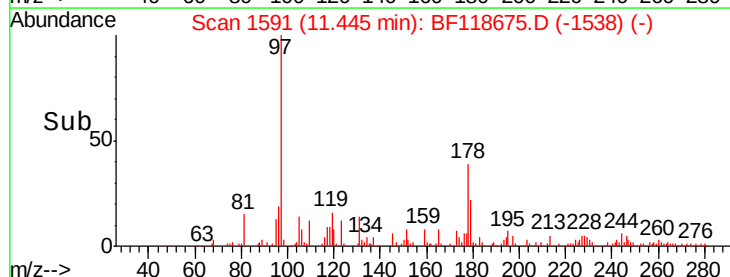
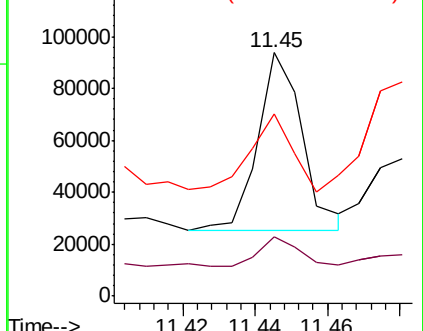
179 75.0 14.7 22.1#

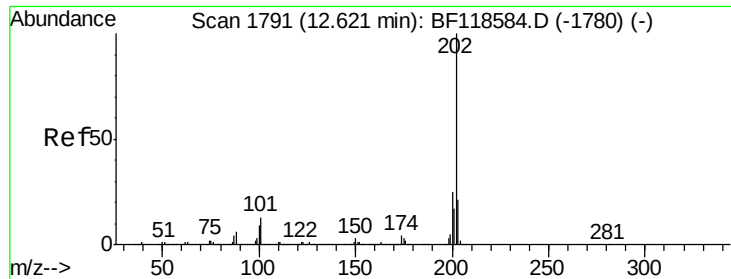


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.408 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

Instrument :

BNA_F

ClientSampleId :

K500-2RE

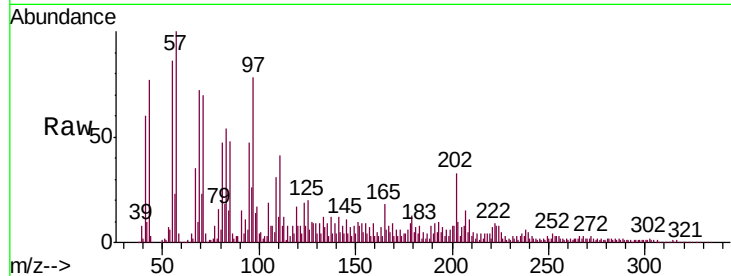
Tgt Ion:202 Resp: 72990

Ion Ratio Lower Upper

202 100

101 16.5 0.0 32.5

203 29.1 0.8 40.8



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

120000

100000

80000

60000

40000

20000

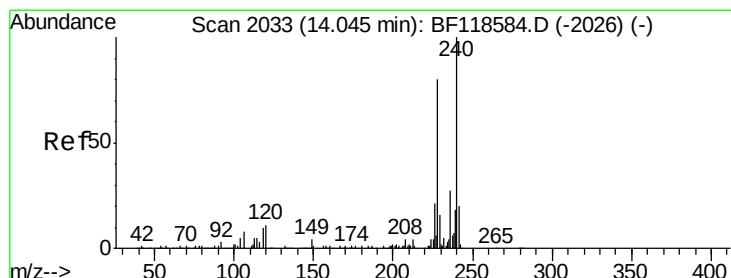
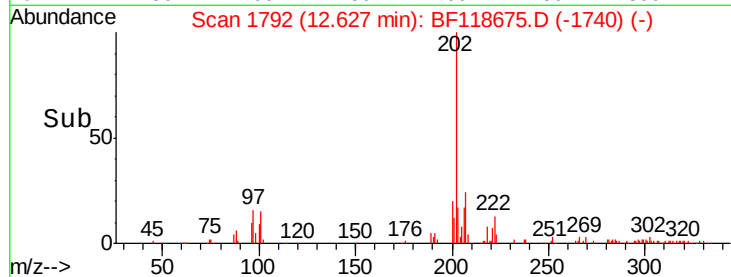
0

12.60

12.63

12.65

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118675.D

Acq: 22 Jan 2020 21:18

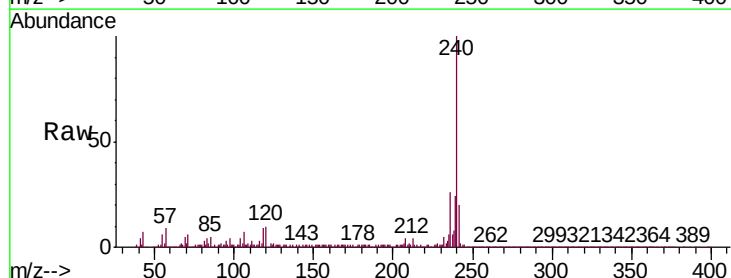
Tgt Ion:240 Resp: 767587

Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.9 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

1000000

800000

600000

400000

200000

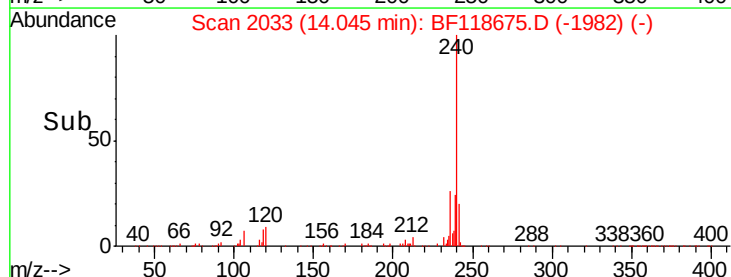
0

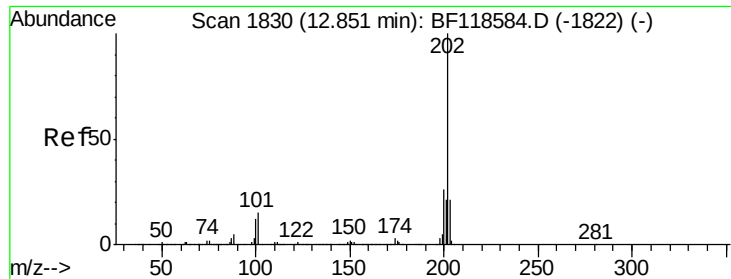
14.00

14.05

14.10

Time-->

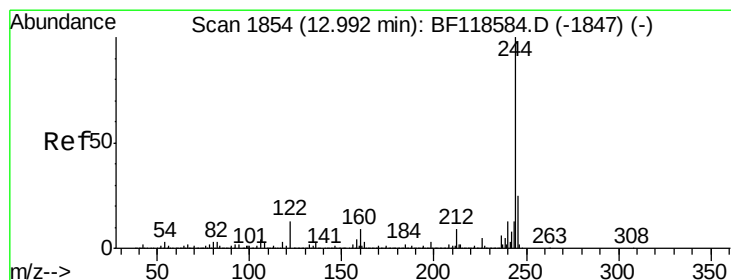
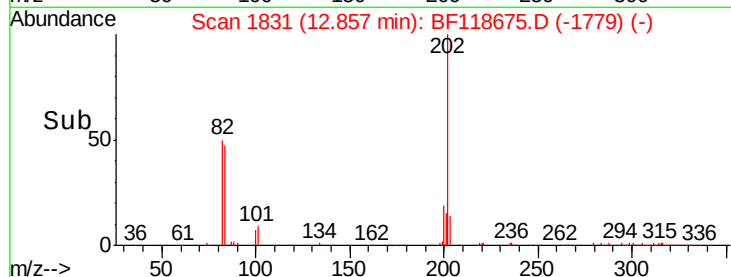
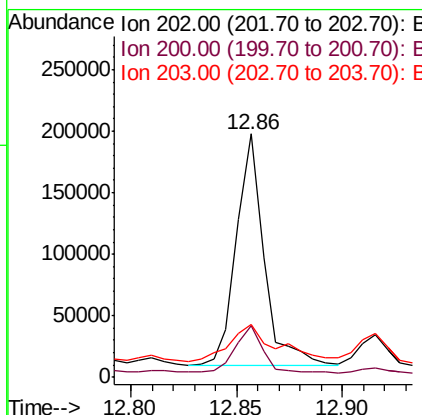
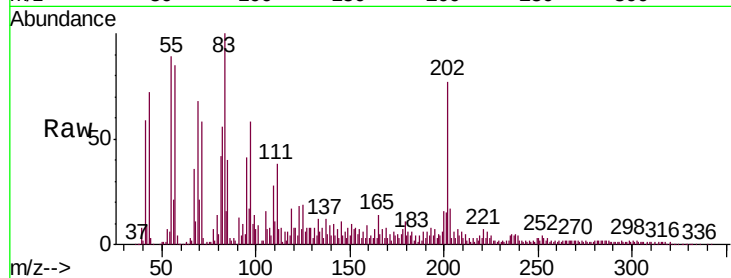




#78
 Pyrene
 Concen: 3.304 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

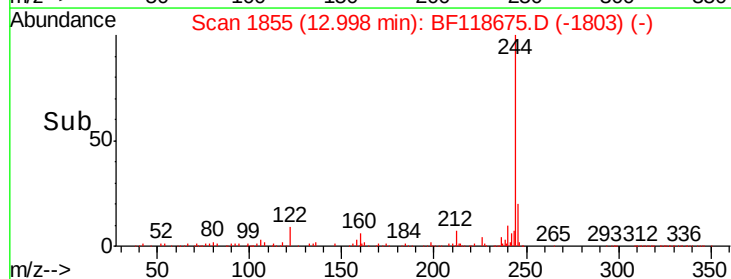
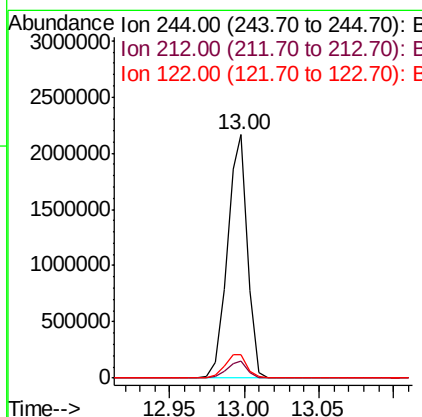
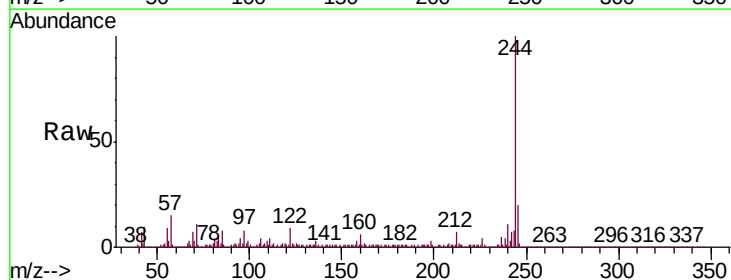
Instrument :
 BNA_F
 ClientSampled :
 K500-2RE

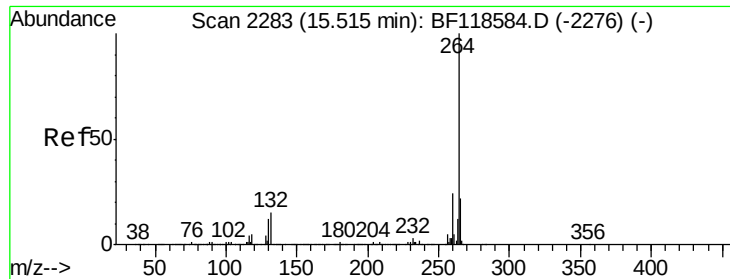
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.6	31.0
203	21.8	16.8	25.2



#79
 Terphenyl-d14
 Concen: 58.145 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF118675.D
 Acq: 22 Jan 2020 21:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.0	10.4
122	9.4	10.7	16.1#



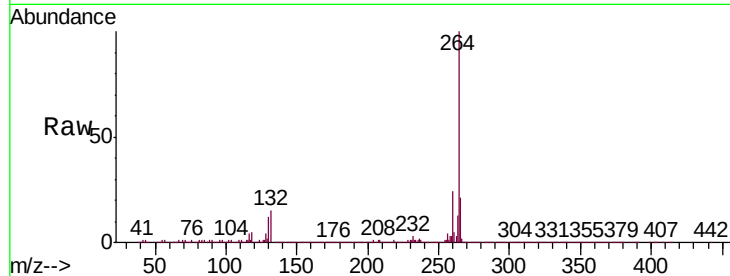


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

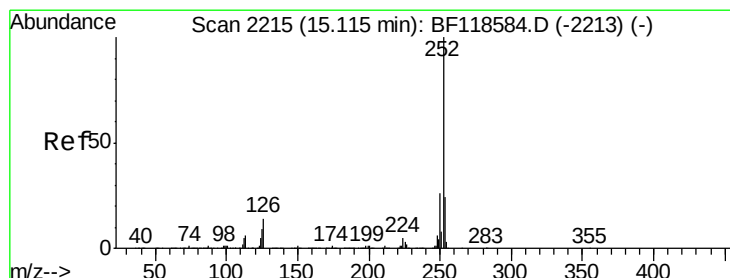
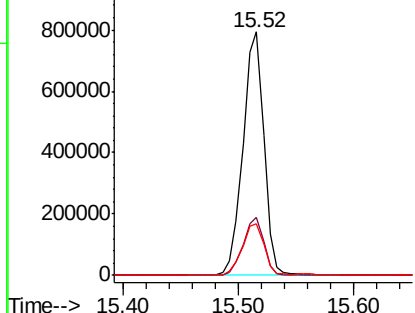
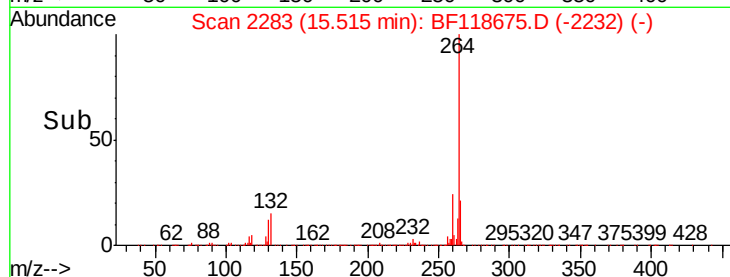
Instrument :
BNA_F
ClientSampleId :
K500-2RE

Tgt Ion: 264 Resp: 997032

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.7	26.5



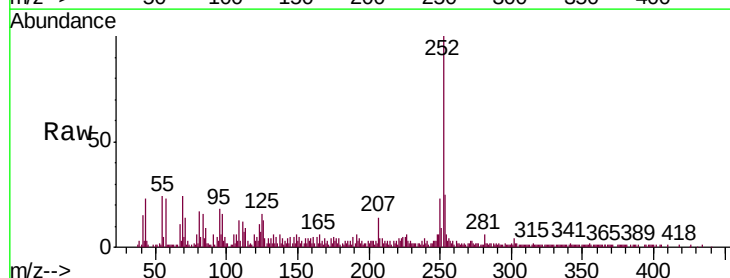
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(k)fluoranthene
Concen: 2.037 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118675.D
Acq: 22 Jan 2020 21:18

Tgt Ion: 252 Resp: 118249

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.0	28.4
125	15.6	7.6	11.4



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

