

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118666.D
 Acq On : 22 Jan 2020 16:29
 Operator : CG/JU
 Sample : L1214-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 18:07:50 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	383236	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	590206	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	412081	20.00	ng	0.02
64) Phenanthrene-d10	11.43	188	802754	20.00	ng	0.02
76) Chrysene-d12	14.04	240	884594	20.00	ng	0.00
87) Perylene-d12	15.51	264	984284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2039469	98.84	ng	0.00
7) Phenol-d6	6.50	99	2538801	94.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	1687078	159.88	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	602608	126.43	ng	0.03
45) 2-Fluorobiphenyl	9.26	172	2128137	84.88	ng	0.01
79) Terphenyl-d14	13.00	244	2712034	66.87	ng	0.01

Target Compounds

						Qvalue
10) Phenol	6.51	94	182335	5.966	ng	88
18) Hexachloroethane	7.42	117	248333	25.167	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	64672	3.571	ng	# 70
22) Acetophenone	7.28	105	515214	36.850	ng	# 27
24) Nitrobenzene	7.46	77	39135	3.622	ng	# 39
25) Isophorone	7.70	82	350724	18.223	ng	# 1
26) 2-Nitrophenol	7.80	139	29315	6.363	ng	# 1
27) 2,4-Dimethylphenol	7.83	122	21357	2.684	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	29638	2.390	ng	# 1
29) 2,4-Dichlorophenol	8.01	162	42987	4.888	ng	# 1
31) Naphthalene	8.19	128	181425	6.805	ng	# 36
32) Benzoic acid	7.97	122	22021	3.688	ng	# 1
33) 4-Chloroaniline	8.22	127	56722	4.603	ng	# 1
35) Caprolactam	8.62	113	307428	106.811	ng	# 28
36) 4-Chloro-3-methylphenol	8.71	107	112235	12.923	ng	# 36
37) 2-Methylnaphthalene	8.89	142	131795	7.003	ng	# 76
38) 1-Methylnaphthalene	8.99	142	350384	19.597	ng	# 90
43) 2,4,6-Trichlorophenol	9.18	196	30307	3.542	ng	# 17
44) 2,4,5-Trichlorophenol	9.22	196	20231	2.315	ng	# 1
46) 1,1'-Biphenyl	9.36	154	80525	2.835	ng	94
48) 2-Nitroaniline	9.49	65	22872	3.108	ng	# 42
50) Dimethylphthalate	9.65	163	228150	8.498	ng	# 75
51) 2,6-Dinitrotoluene	9.72	165	44482	7.399	ng	# 80
52) Acenaphthene	9.98	154	55177	2.450	ng	# 26
53) 3-Nitroaniline	9.86	138	55482	8.082	ng	# 45
55) Dibenzofuran	10.15	168	71591	2.294	ng	# 1
56) 4-Nitrophenol	10.05	139	97831	18.878	ng	# 1
57) 2,4-Dinitrotoluene	10.16	165	33415	4.409	ng	# 63
60) Diethylphthalate	10.37	149	134317	5.160	ng	# 53
62) 4-Nitroaniline	10.42	138	63006	8.948	ng	88
63) Azobenzene	10.65	77	89139	3.536	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	150858	6.231	ng	# 55
69) Atrazine	11.14	200	98541	11.744	ng	69
71) Phenanthrene	11.46	178	121470	3.136	ng	# 42

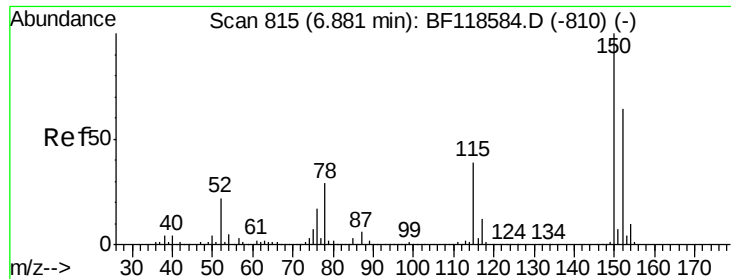
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118666.D
Acq On : 22 Jan 2020 16:29
Operator : CG/JU
Sample : L1214-02
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BNA_F
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Quant Time: Jan 22 18:07:50 2020
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Quant 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)
75) Fluoranthene	12.64	202	106549	2.608	nq	85
78) Pyrene	12.86	202	239207	3.983	nq	93
89) Benzo(k)fluoranthene	15.07	252	116100	2.025	nq #	96

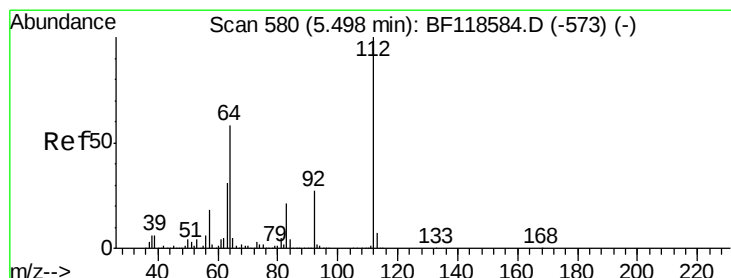
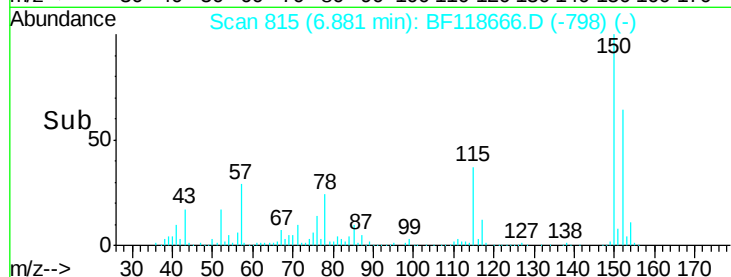
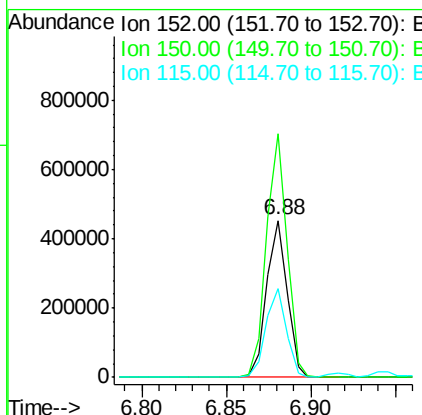
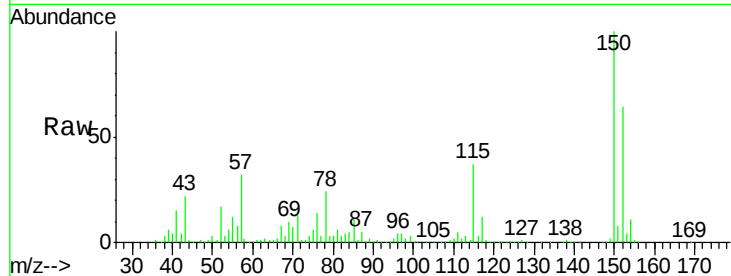
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118666.D
 Acq: 22 Jan 2020 16:29

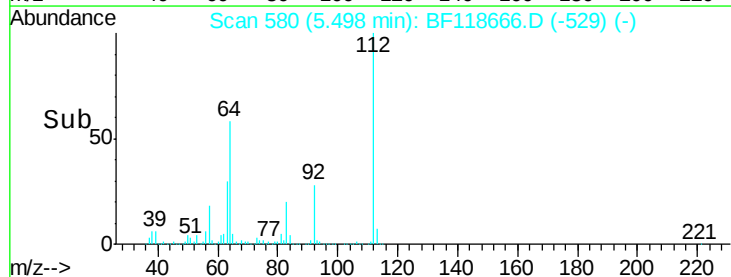
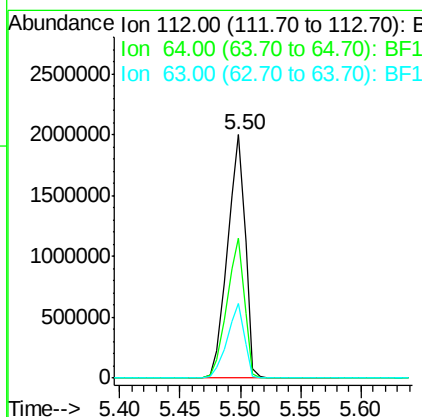
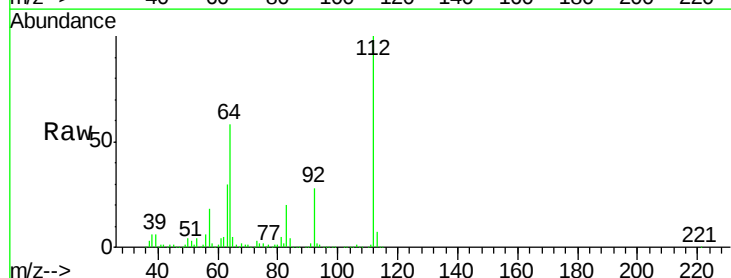
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 BNA_F
 ClientSampleId :

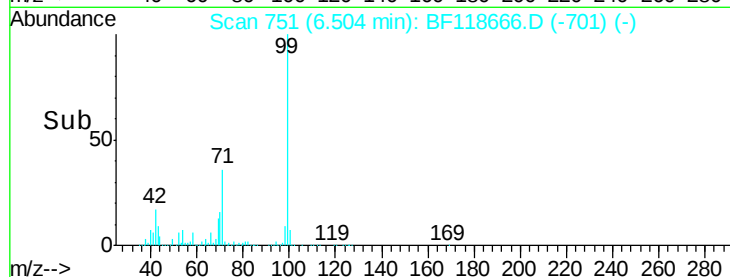
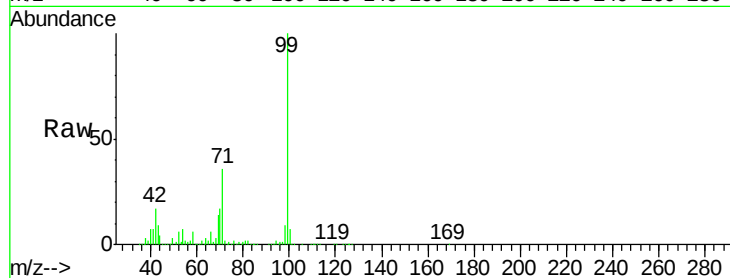
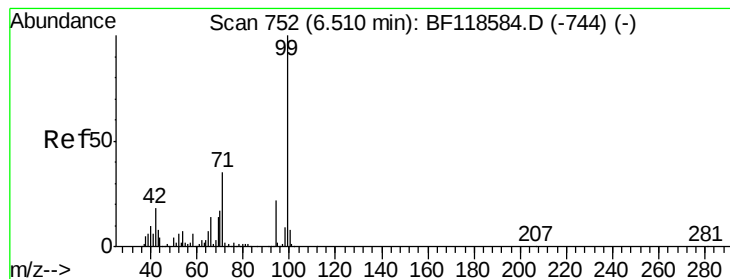
Tot Ion:152 Resp: 383236
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.6 188.4
 115 57.0 48.4 72.6



#5
 2-Fluorophenol
 Concen: 98.838 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF118666.D
 Acq: 22 Jan 2020 16:29

Tgt Ion:112 Resp: 2039469
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.6 70.0
 63 30.4 25.1 37.7





#7

Phenol-d6

Concen: 94.662 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

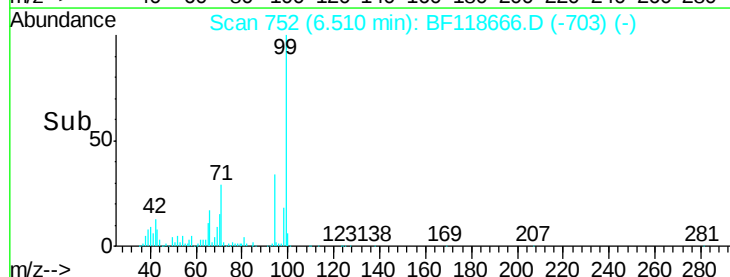
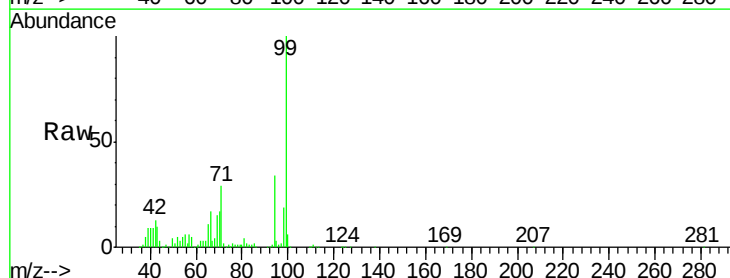
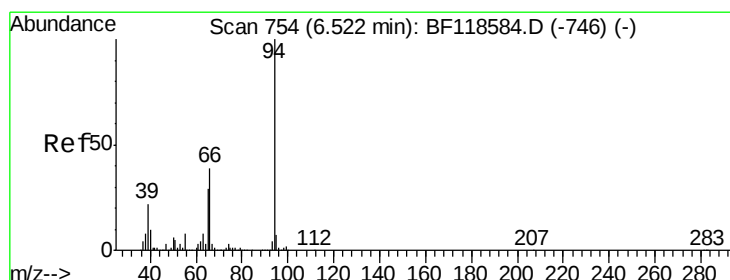
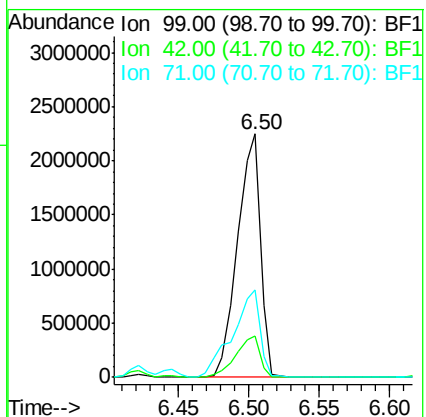
Tot Ion: 99 Resp: 2538801

Ion Ratio Lower Upper

99 100

42 17.2 14.2 21.2

71 35.7 27.8 41.6



#10

Phenol

Concen: 5.966 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

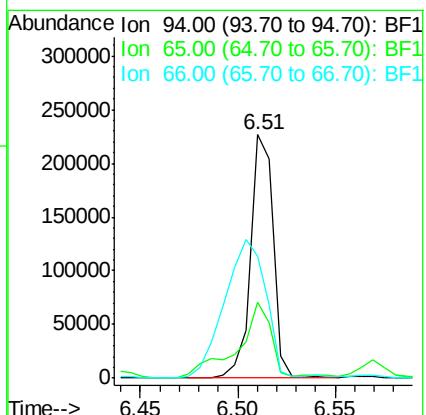
Tgt Ion: 94 Resp: 182335

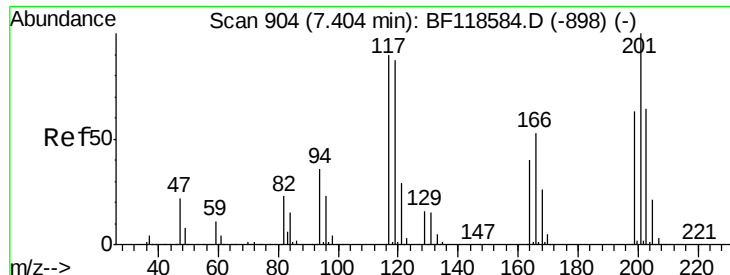
Ion Ratio Lower Upper

94 100

65 31.2 9.5 49.5

66 50.2 18.5 58.5

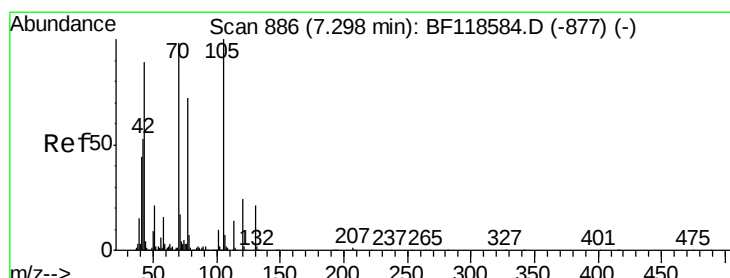
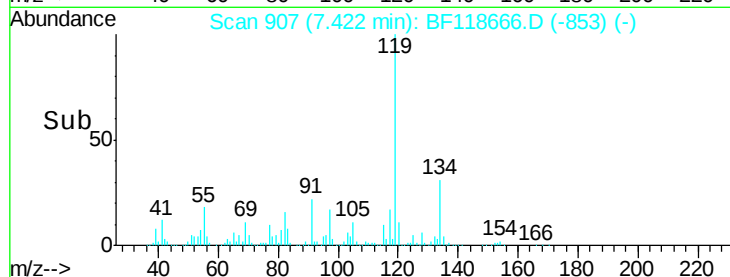
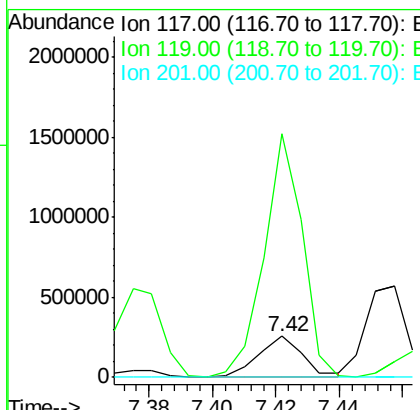
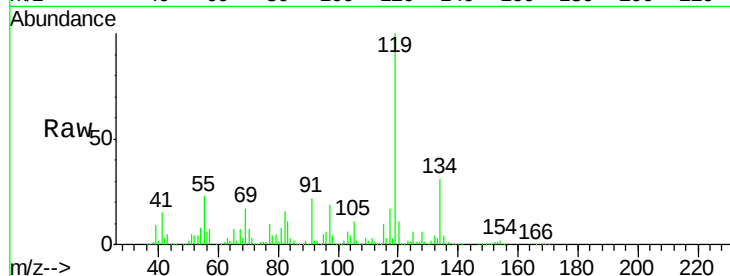




#18
Hexachloroethane
Concen: 25.167 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.02 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

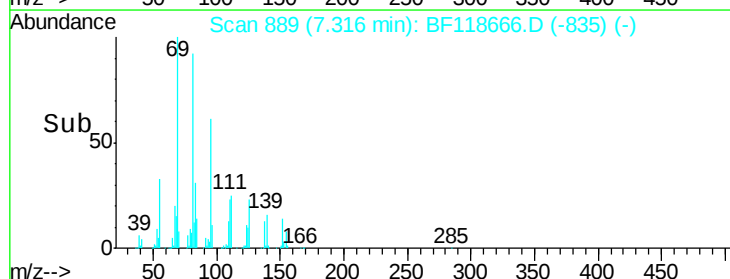
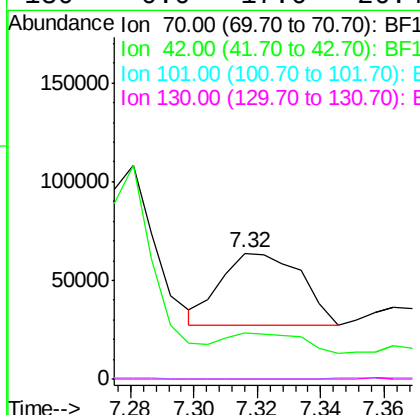
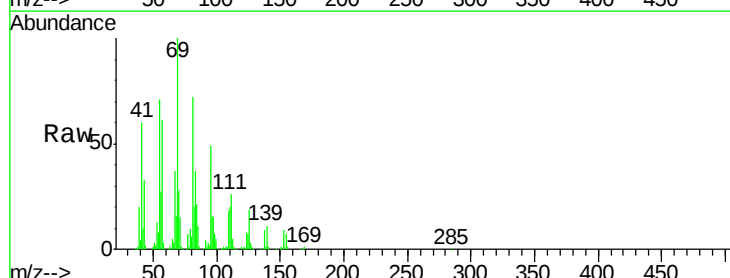
Instrument :
BNA_F
ClientSampleId :

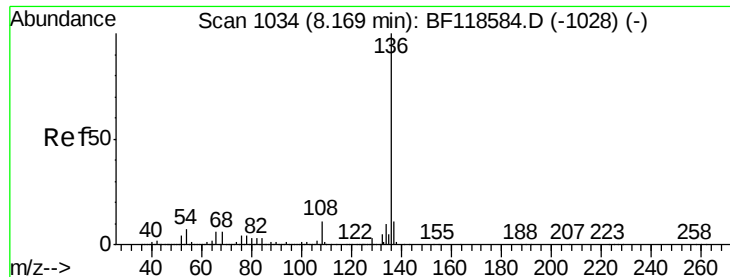
Tot Ion:117 Resp: 248333
Ion Ratio Lower Upper
117 100
119 594.6 77.6 116.4#
201 0.0 88.8 133.2#



#19
n-Nitroso-di-n-propylamine
Concen: 3.571 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion: 70 Resp: 64672
Ion Ratio Lower Upper
70 100
42 36.9 43.4 65.0#
101 0.0 8.1 12.1#
130 0.0 17.6 26.4#

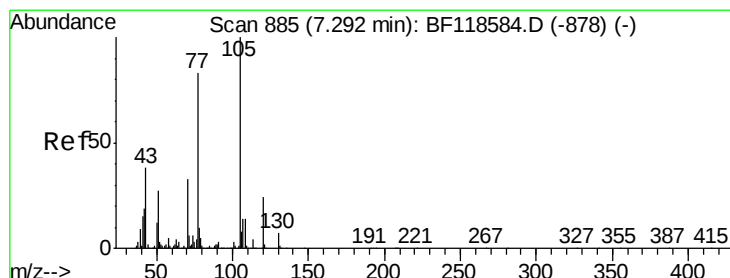
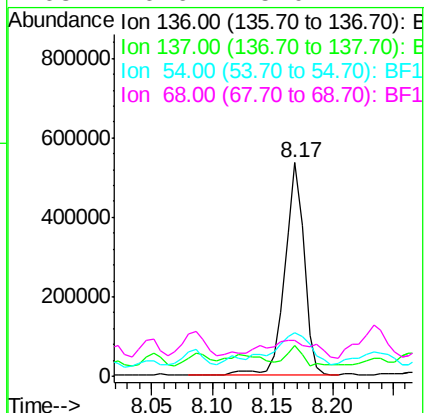
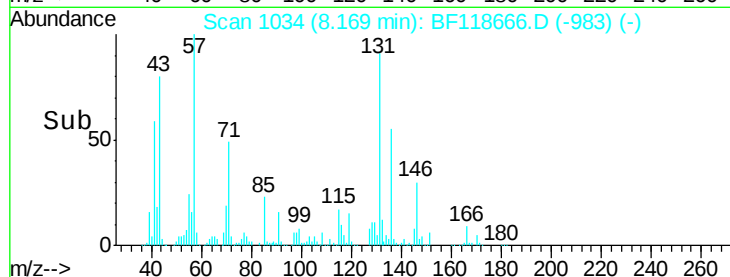
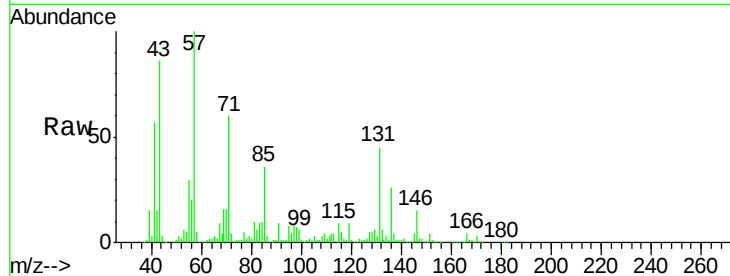




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

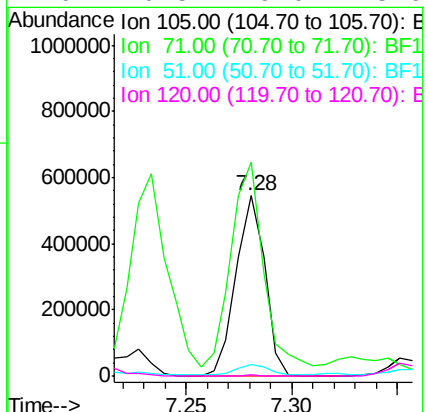
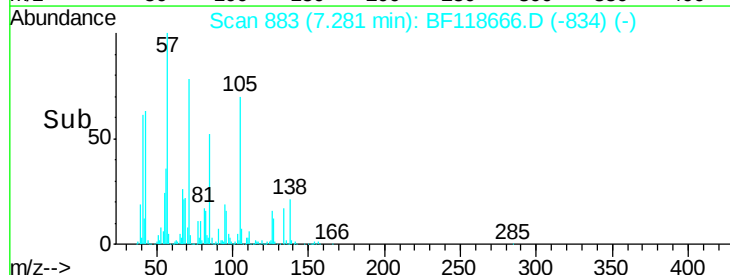
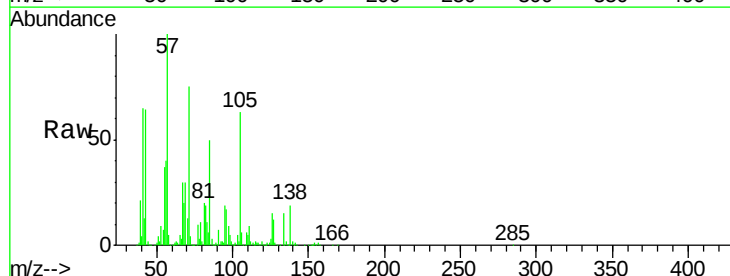
Instrument :
BNA_F
ClientSampleId :

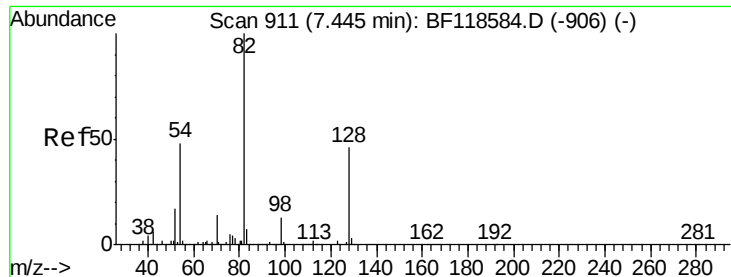
Tot Ion:136	Resp: 590206
Ion Ratio	Lower Upper
136 100	
137 14.2	9.1 13.7#
54 20.5	5.8 8.6#
68 16.6	5.0 7.4#



#22
Acetophenone
Concen: 36.850 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:105	Resp: 515214
Ion Ratio	Lower Upper
105 100	
71 118.6	4.5 6.7#
51 6.1	21.5 32.3#
120 0.5	19.0 28.6#

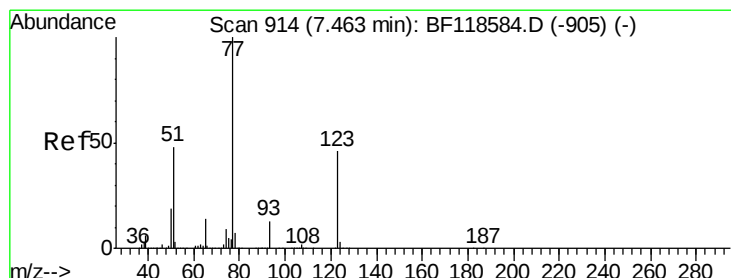
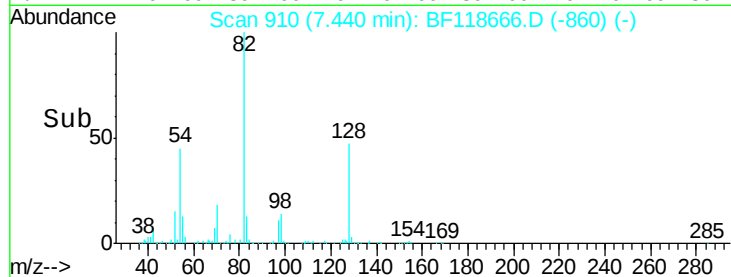
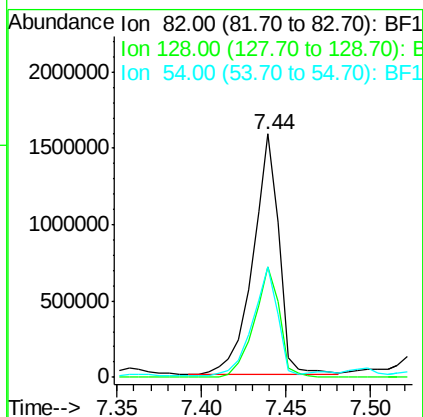
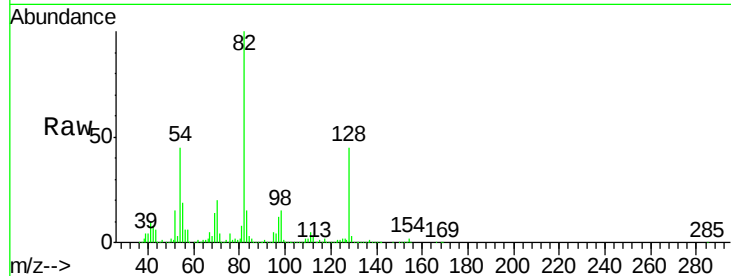




#23
 Nitrobenzene-d5
 Concen: 159.885 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118666.D
 Acq: 22 Jan 2020 16:29

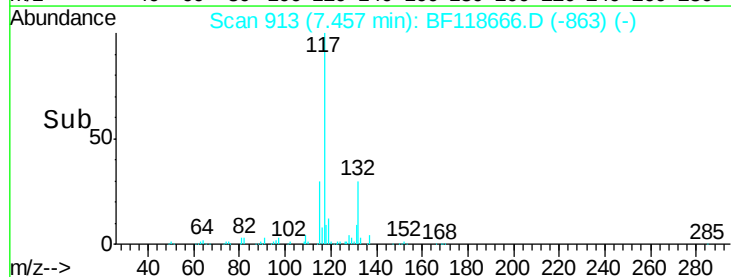
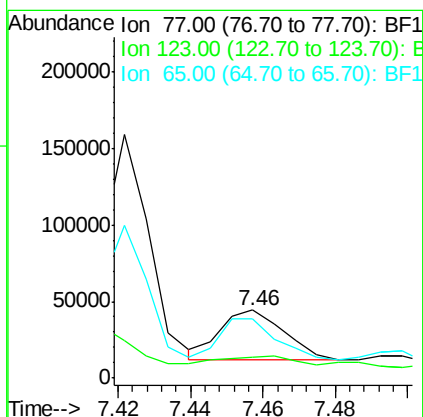
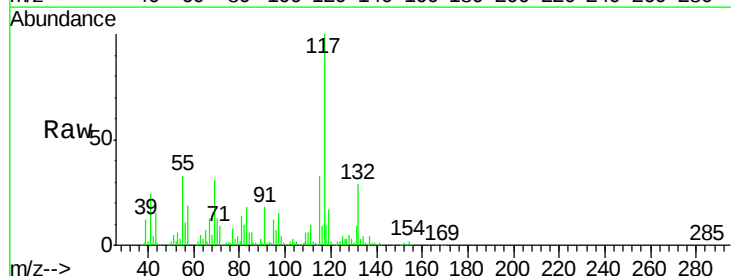
Instrument :
 BNA_F
 ClientSampleId :

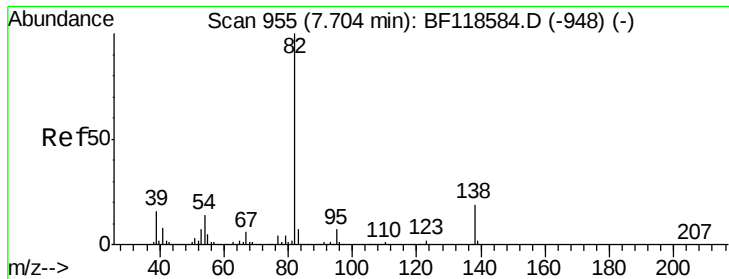
Tot Ion: 82 Resp: 1687078
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.6 54.8
 54 45.4 38.0 57.0



#24
 Nitrobenzene
 Concen: 3.622 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118666.D
 Acq: 22 Jan 2020 16:29

Tgt Ion: 77 Resp: 39135
 Ion Ratio Lower Upper
 77 100
 123 29.9 37.0 55.4#
 65 87.9 11.1 16.7#





#25

Isophorone

Concen: 18.223 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampled :

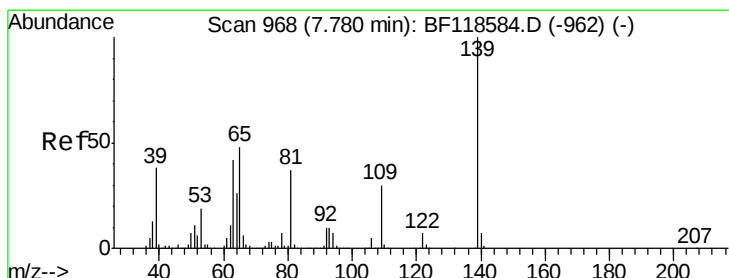
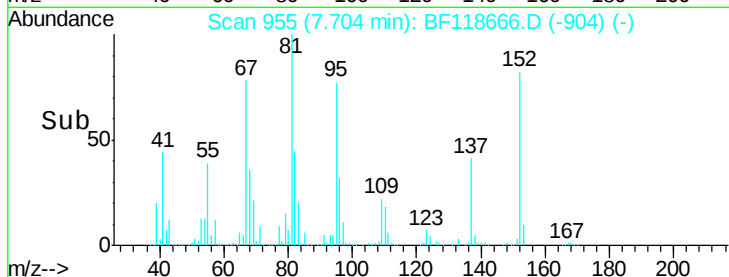
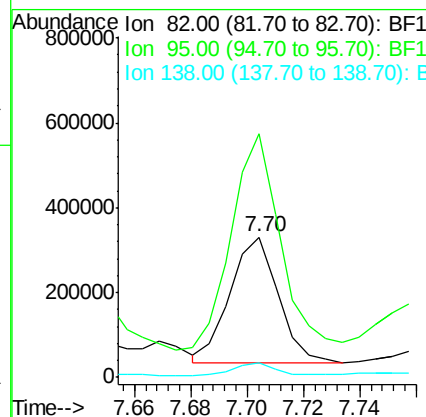
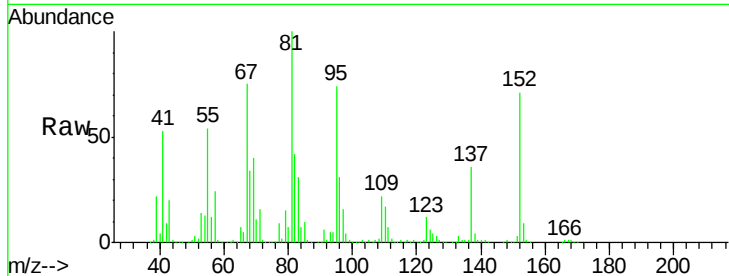
Tot Ion: 82 Resp: 350724

Ion Ratio Lower Upper

82 100

95 173.4 5.9 8.9#

138 10.5 15.3 22.9#



#26

2-Nitrophenol

Concen: 6.363 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

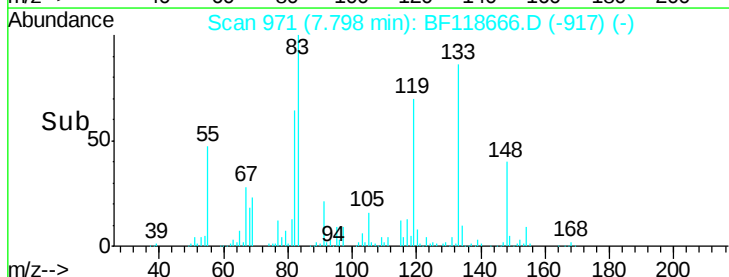
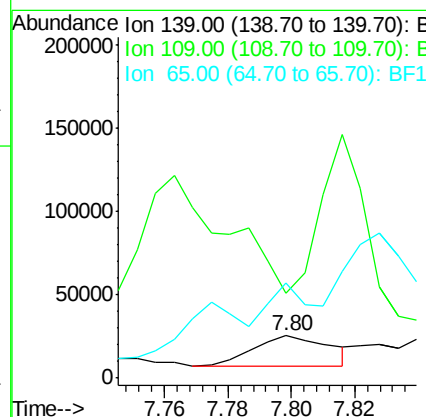
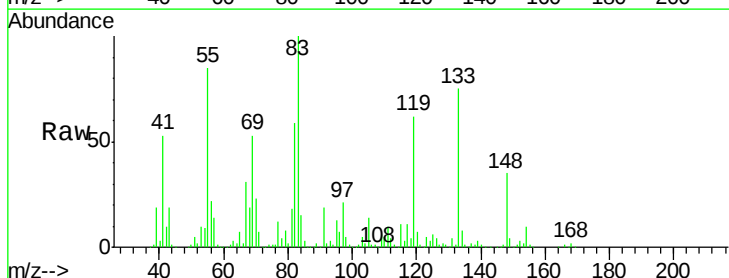
Tgt Ion: 139 Resp: 29315

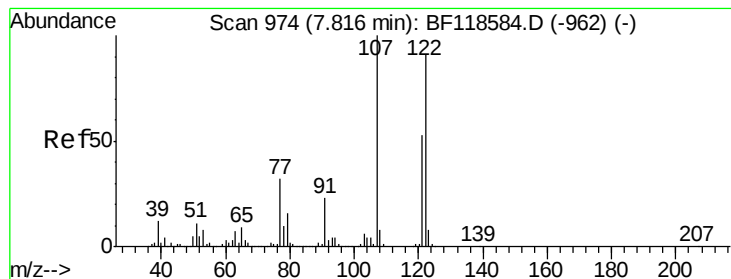
Ion Ratio Lower Upper

139 100

109 200.5 23.8 35.8#

65 225.8 38.5 57.7#





#27

2,4-Dimethylphenol

Concen: 2.684 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.02 min

Lab File: BF118666.D

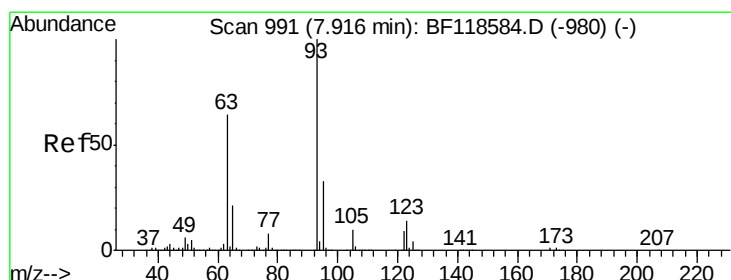
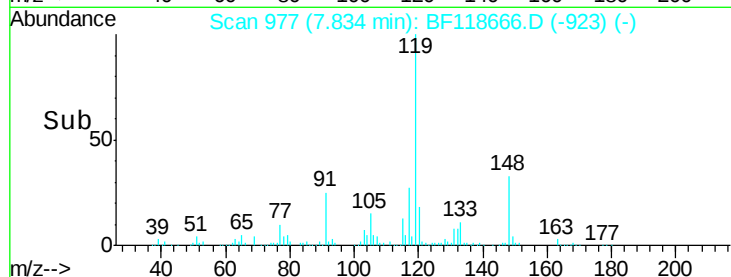
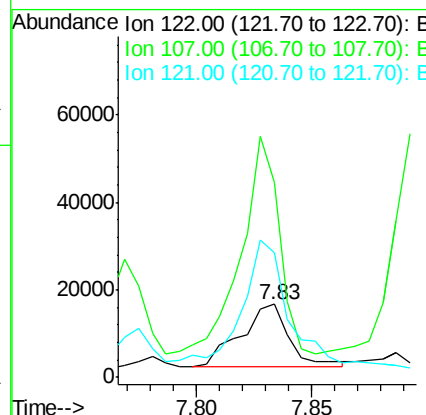
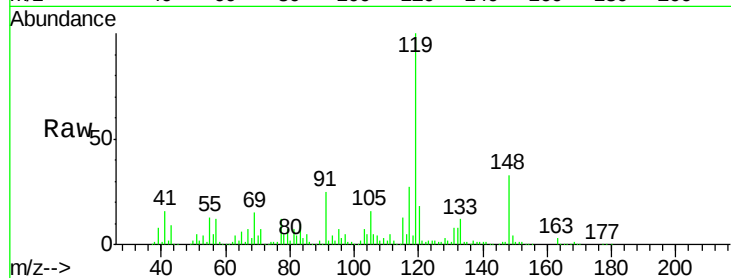
Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	122	Resp:	21357
Ion	Ratio	Lower	Upper
122	100		
107	266.6	88.0	132.0#
121	170.9	46.3	69.5#



#28

bis(2-Chloroethoxy)methane

Concen: 2.390 ng

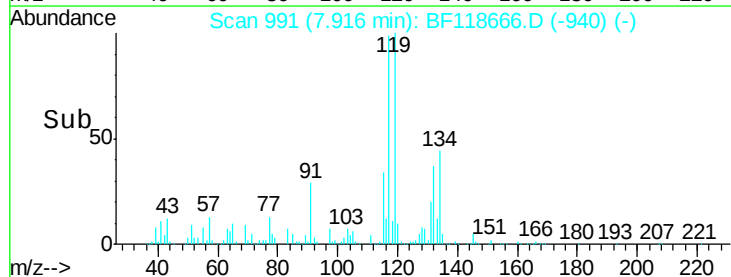
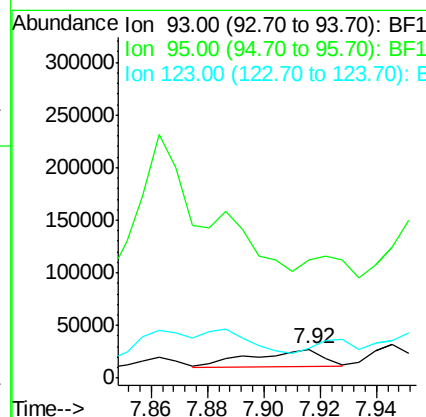
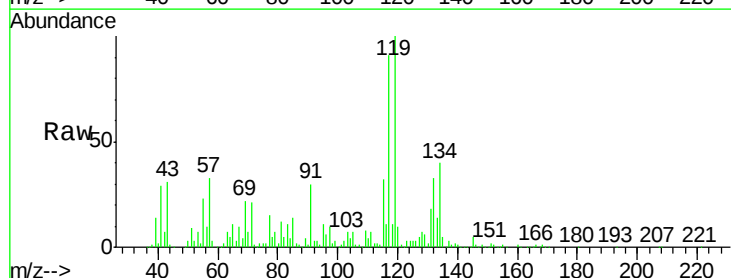
RT: 7.92 min Scan# 991

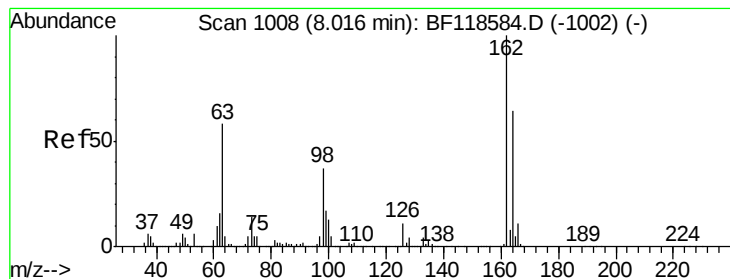
Delta R.T. 0.00 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Tgt Ion:	93	Resp:	29638
Ion	Ratio	Lower	Upper
93	100		
95	406.8	26.7	40.1#
123	103.2	11.0	16.6#





#29

2,4-Dichlorophenol

Concen: 4.888 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

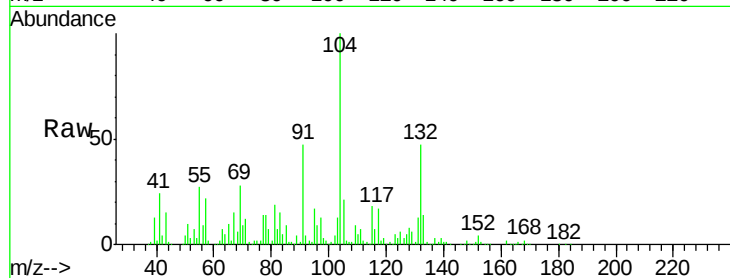
Tot Ion:162 Resp: 42987

Ion Ratio Lower Upper

162 100

164 2.7 44.3 84.3#

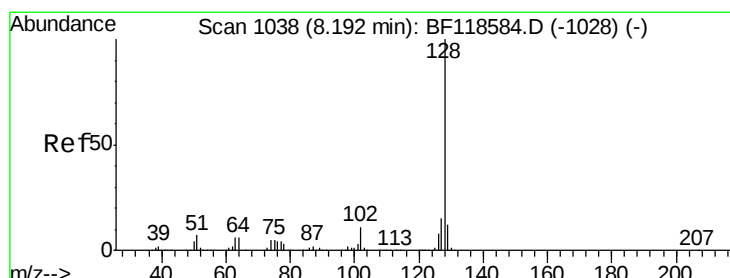
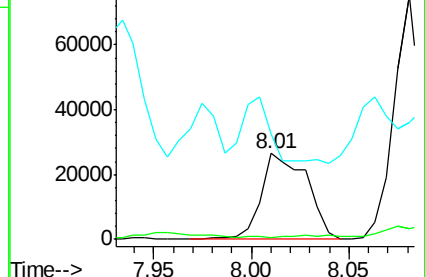
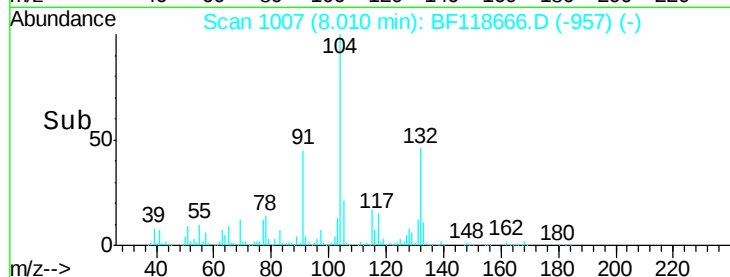
98 122.6 17.5 57.5#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#31

Naphthalene

Concen: 6.805 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

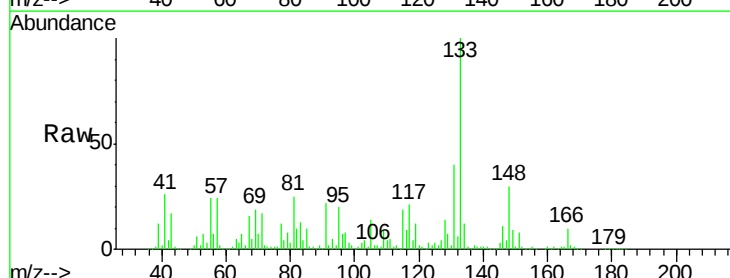
Tgt Ion:128 Resp: 181425

Ion Ratio Lower Upper

128 100

129 50.1 9.9 14.9#

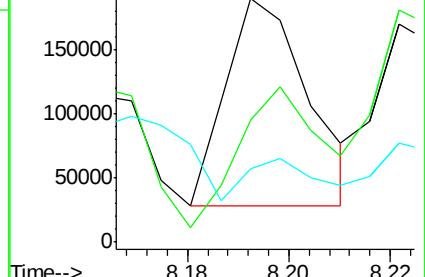
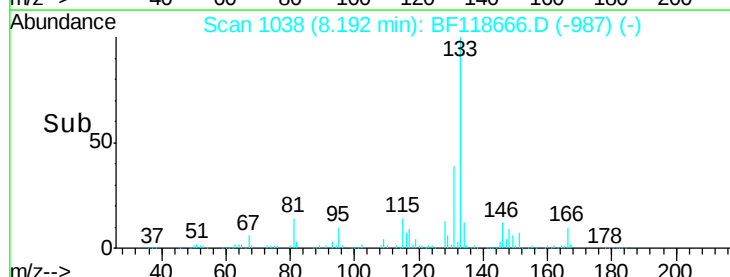
127 30.3 12.0 18.0#

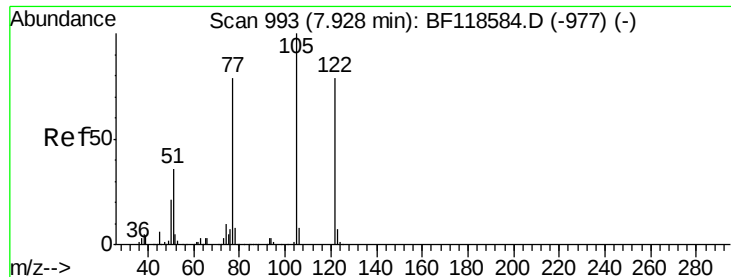


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.688 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.04 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampled :

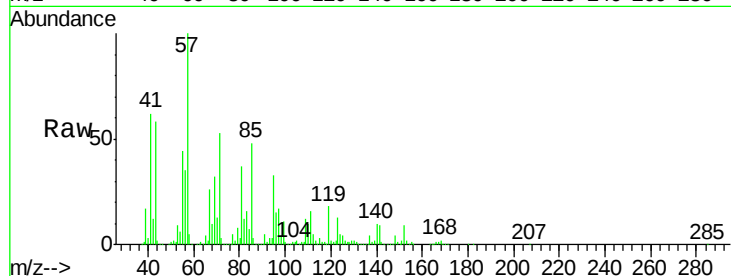
Tot Ion:122 Resp: 22021

Ion Ratio Lower Upper

122 100

105 94.3 104.3 144.3#

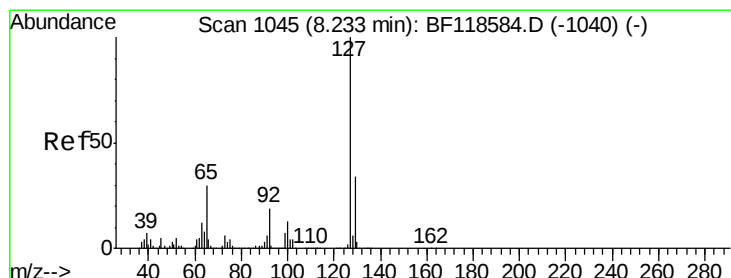
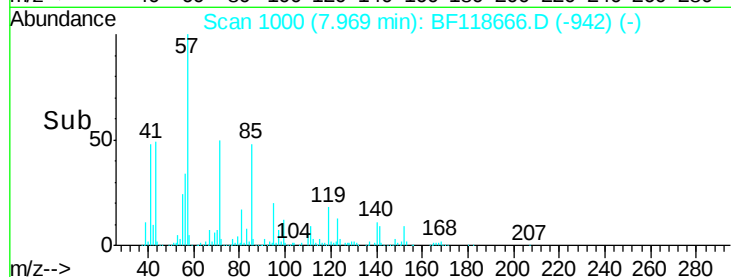
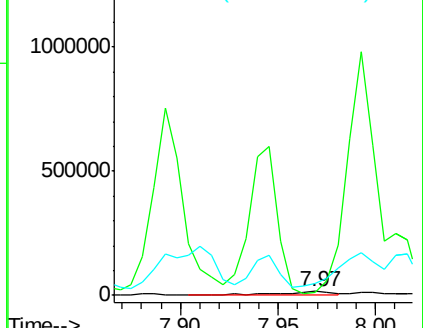
77 322.0 79.4 119.4#



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: 4.603 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Tgt Ion:127 Resp: 56722

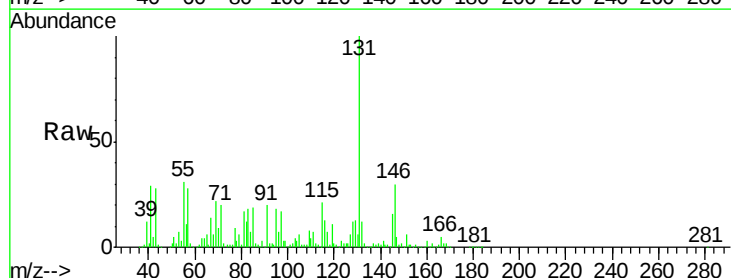
Ion Ratio Lower Upper

127 100

129 234.6 27.4 41.0#

65 110.9 23.6 35.4#

92 35.4 15.0 22.4#

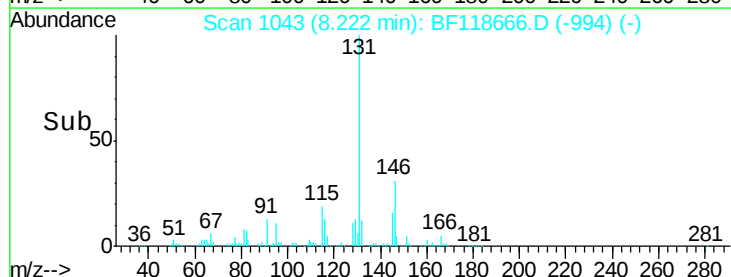
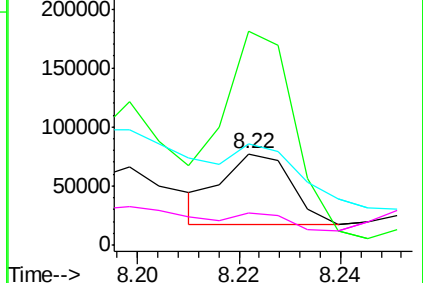


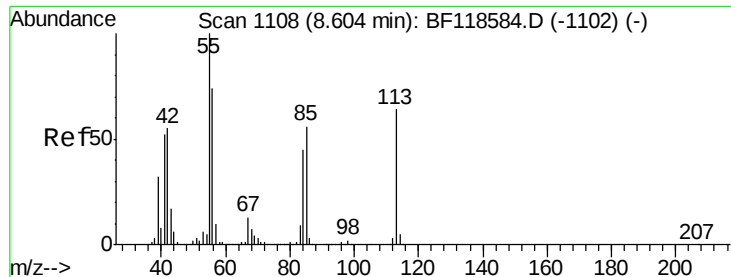
Abundance Ion 127.00 (126.70 to 127.70): E

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

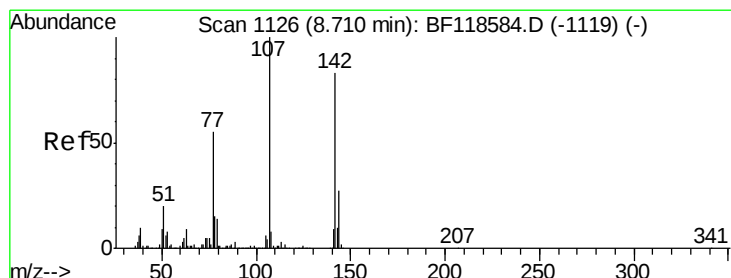
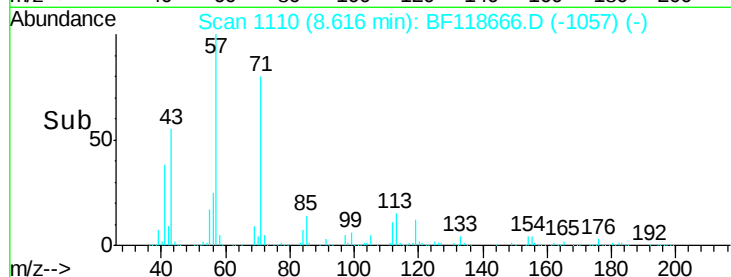
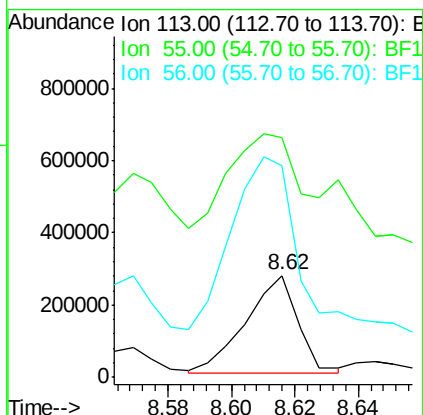
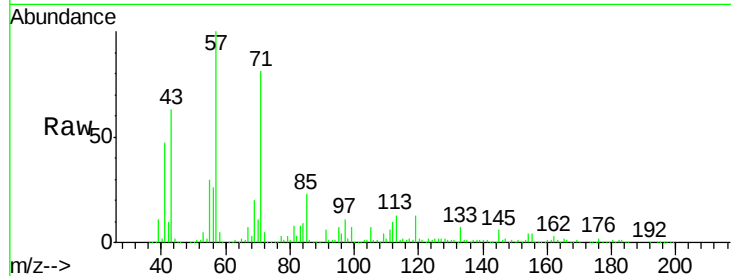




#35
Caprolactam
Concen: 106.811 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

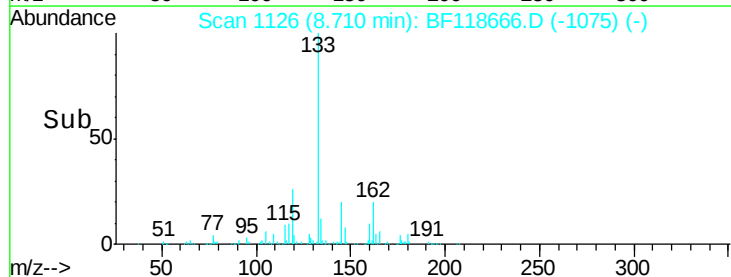
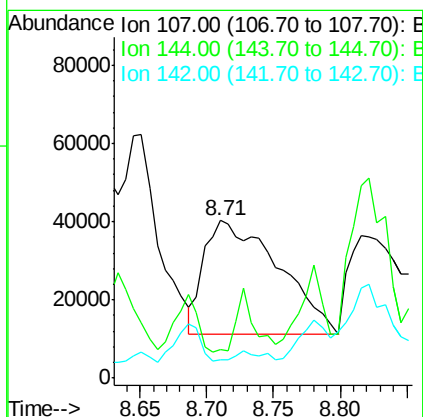
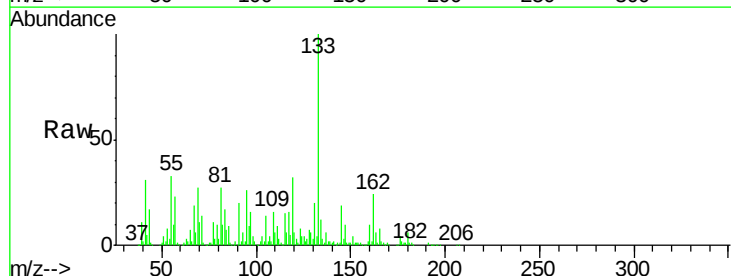
Instrument :
BNA_F
ClientSampleId :

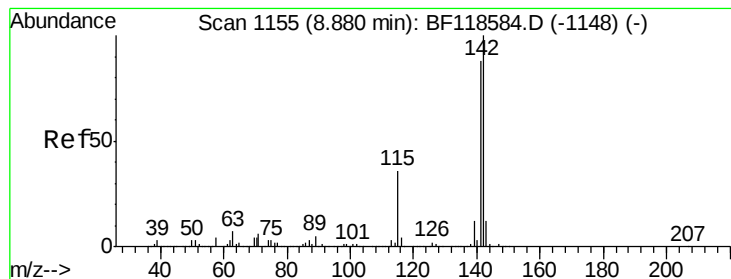
Tot Ion:113 Resp: 307428
Ion Ratio Lower Upper
113 100
55 236.2 136.1 176.1#
56 208.0 95.2 135.2#



#36
4-Chloro-3-methylphenol
Concen: 12.923 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:107 Resp: 112235
Ion Ratio Lower Upper
107 100
144 17.8 21.8 32.8#
142 11.7 66.5 99.7#

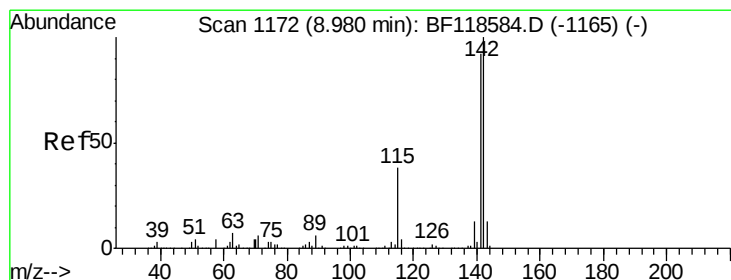
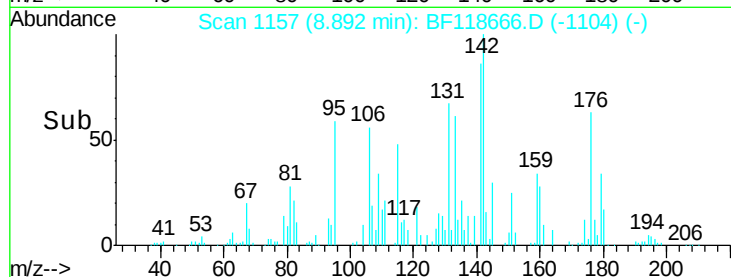
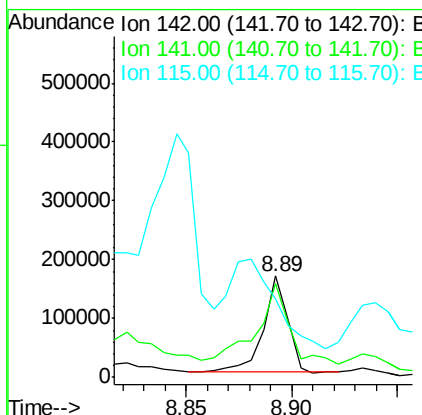
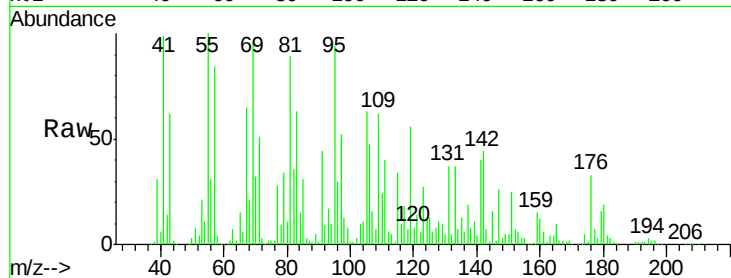




#37
2-Methylnaphthalene
Concen: 7.003 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

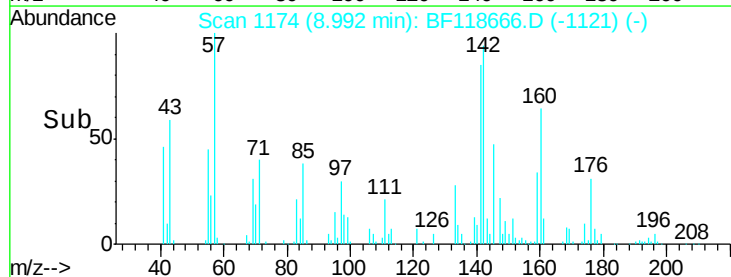
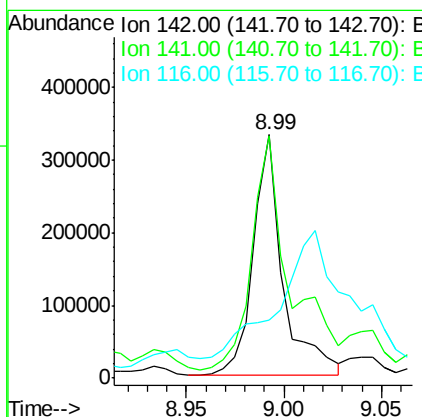
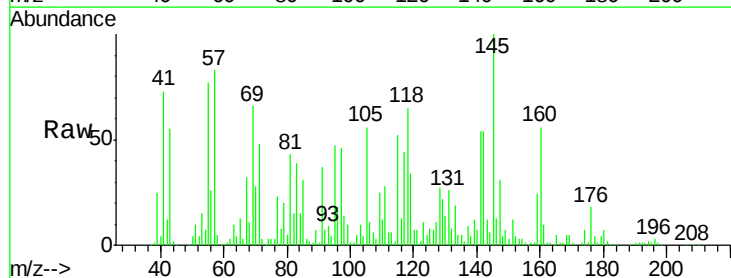
Instrument :
BNA_F
ClientSampleId :

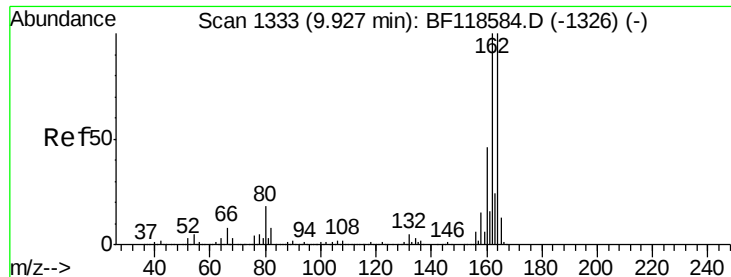
Tot Ion:142 Resp: 131795
Ion Ratio Lower Upper
142 100
141 92.6 70.7 106.1
115 77.4 28.5 42.7#



#38
1-Methylnaphthalene
Concen: 19.597 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:142 Resp: 350384
Ion Ratio Lower Upper
142 100
141 99.5 73.4 110.2
116 23.6 3.3 4.9#

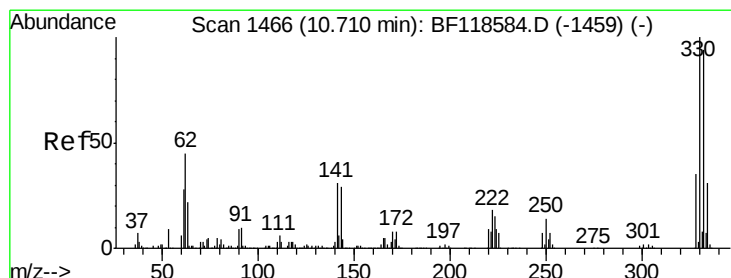
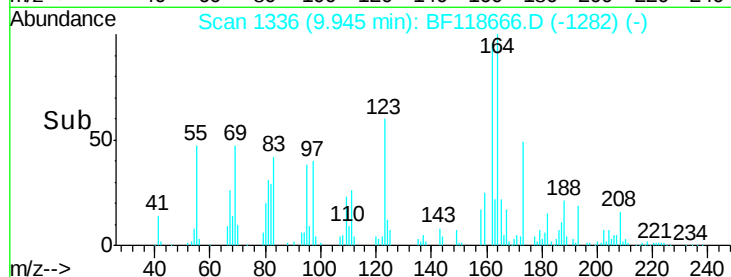
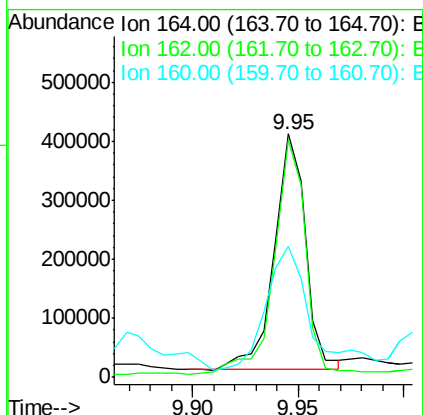
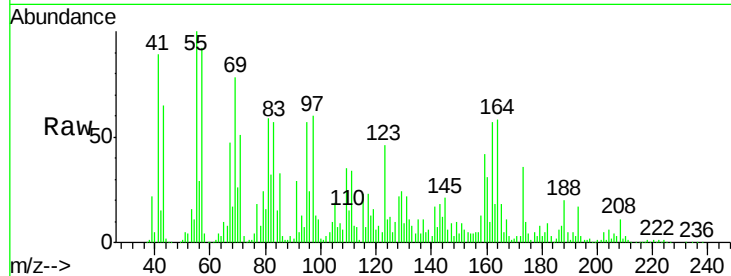




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

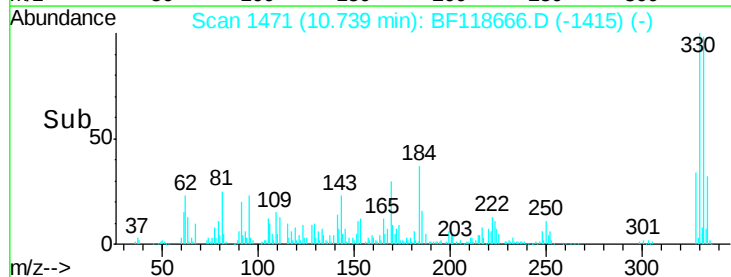
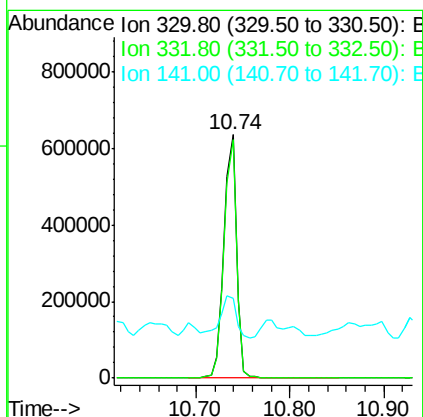
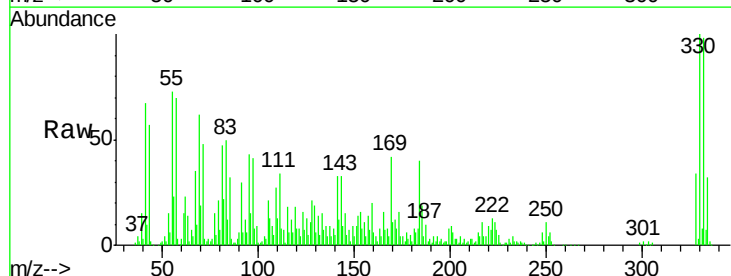
Instrument :
BNA_F
ClientSampleId :

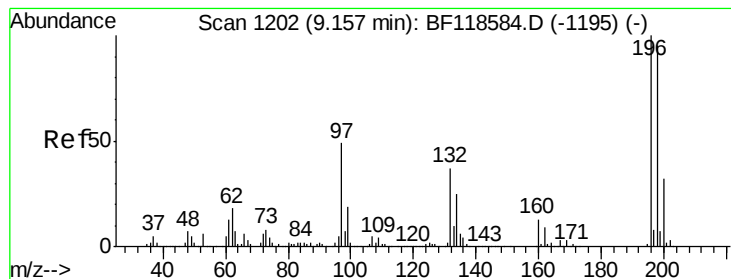
Tot Ion:164 Resp: 412081
Ion Ratio Lower Upper
164 100
162 97.4 80.4 120.6
160 53.7 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 126.432 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.03 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:330 Resp: 602608
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 21.1 23.9 35.9#





#43

2,4,6-Trichlorophenol

Concen: 3.542 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

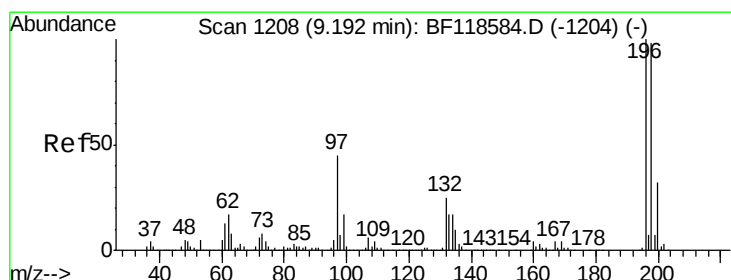
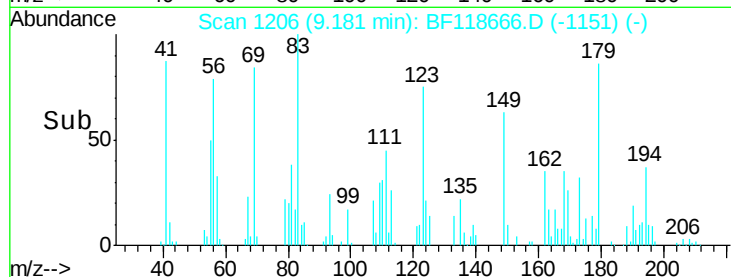
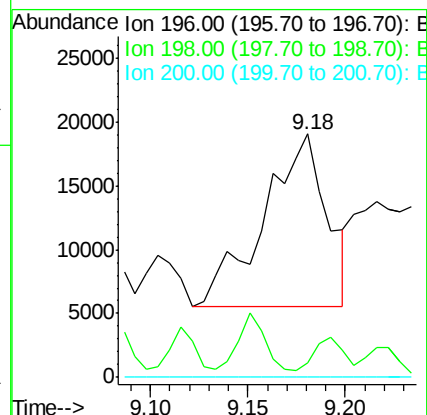
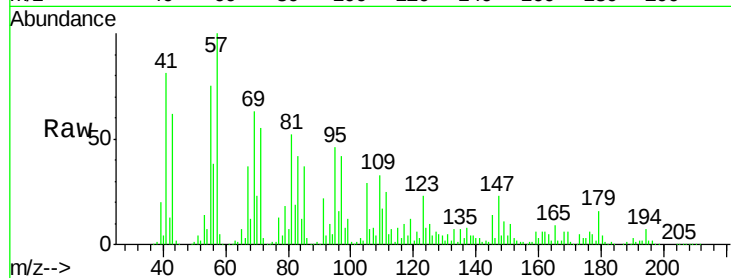
Tot Ion:196 Resp: 30307

Ion Ratio Lower Upper

196 100

198 6.0 76.3 114.5#

200 0.0 25.4 38.2#



#44

2,4,5-Trichlorophenol

Concen: 2.315 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Tgt Ion:196 Resp: 20231

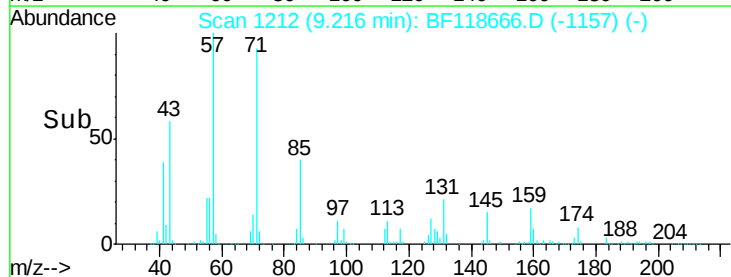
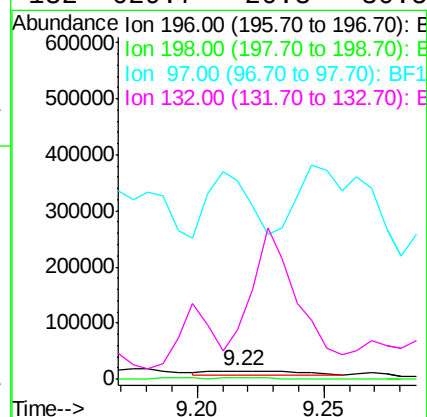
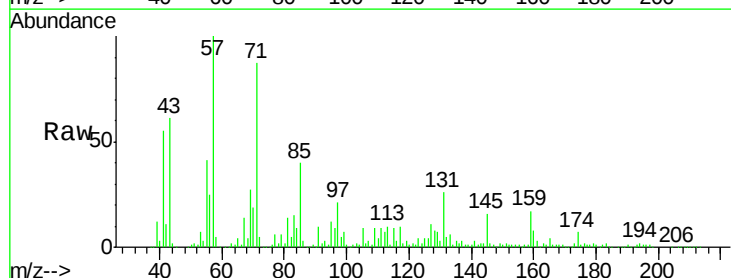
Ion Ratio Lower Upper

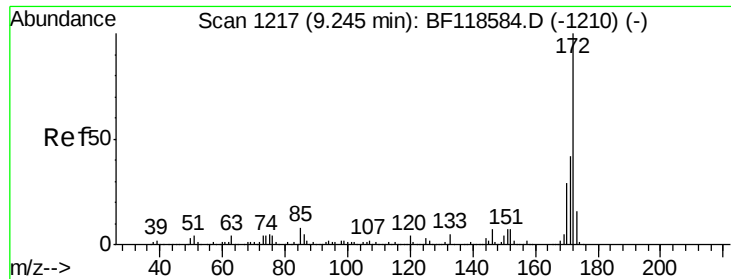
196 100

198 17.0 78.3 117.5#

97 2577.3 35.9 53.9#

132 629.7 20.3 30.5#

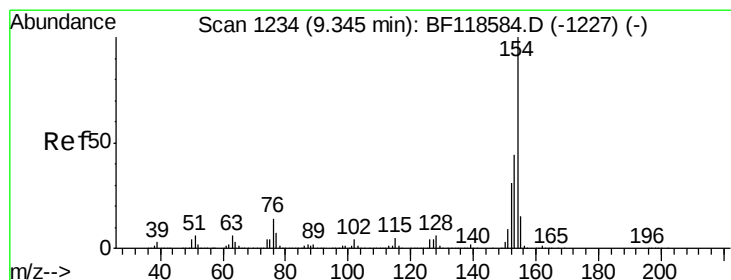
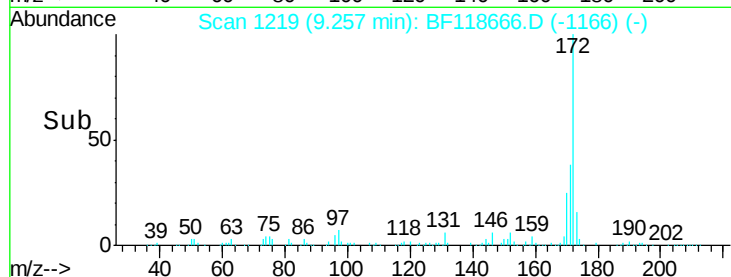
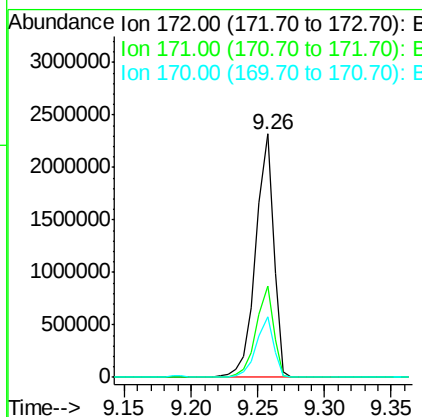
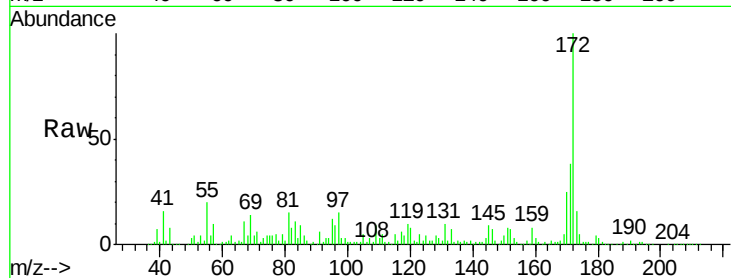




#45
2-Fluorobiphenyl
Concen: 84.882 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

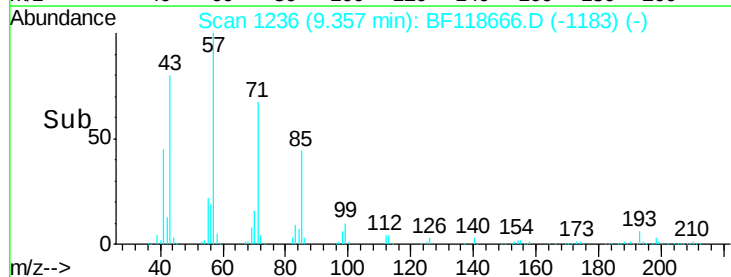
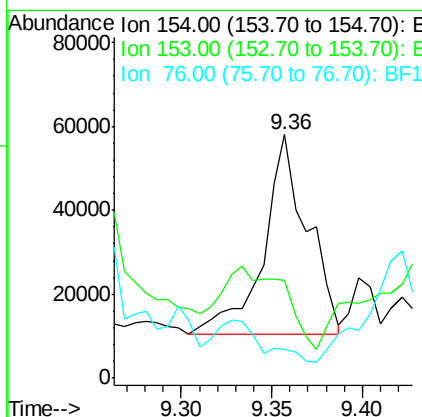
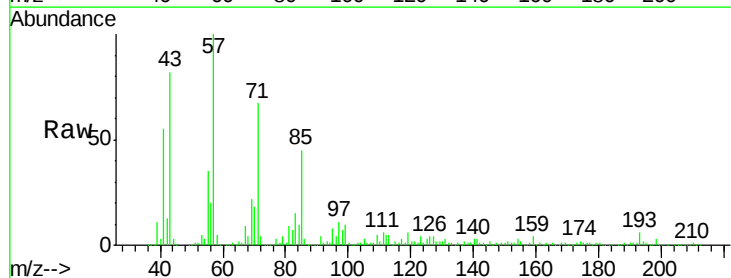
Instrument :
BNA_F
ClientSampleId :

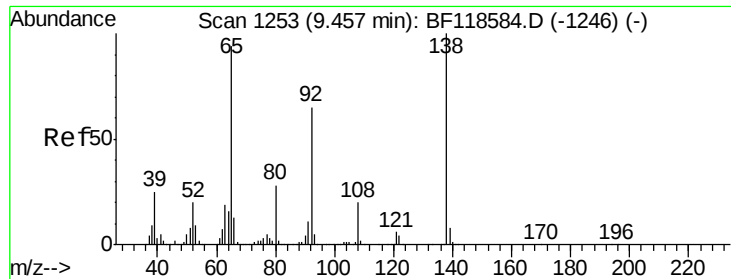
Tot Ion:172 Resp: 2128137
Ion Ratio Lower Upper
172 100
171 37.6 33.4 50.2
170 24.9 23.2 34.8



#46
1,1'-Biphenyl
Concen: 2.835 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:154 Resp: 80525
Ion Ratio Lower Upper
154 100
153 40.0 23.8 63.8
76 11.8 0.0 34.3

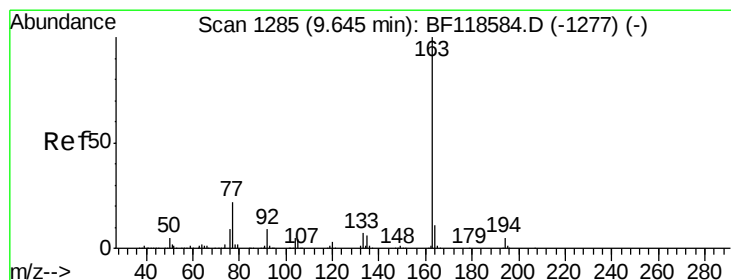
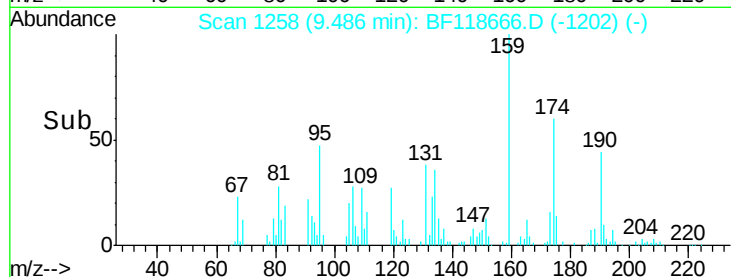
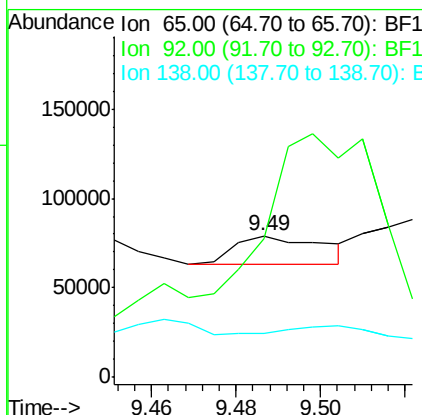
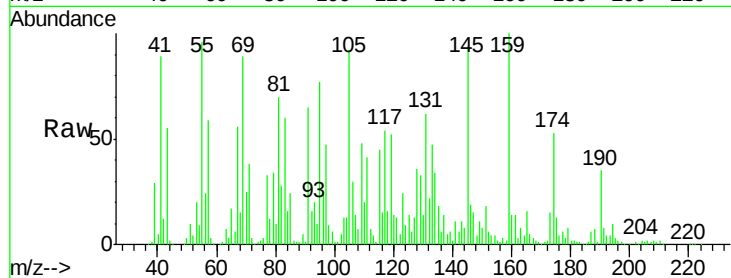




#48
2-Nitroaniline
Concen: 3.108 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.03 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

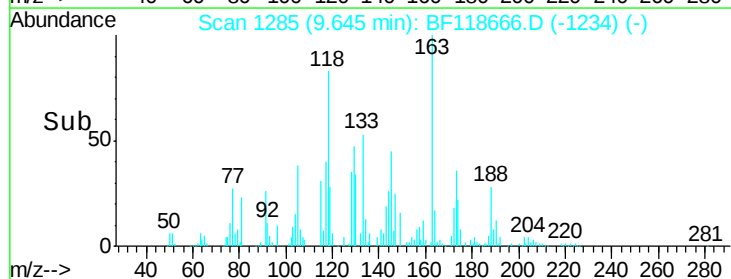
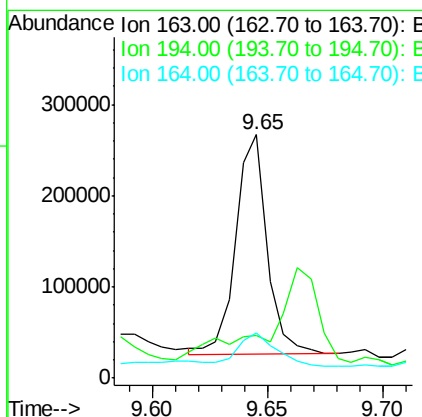
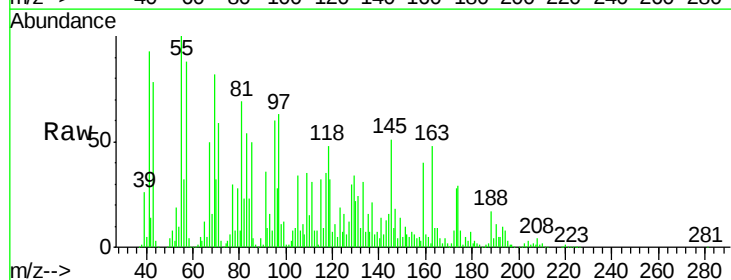
Instrument :
BNA_F
ClientSampleId :

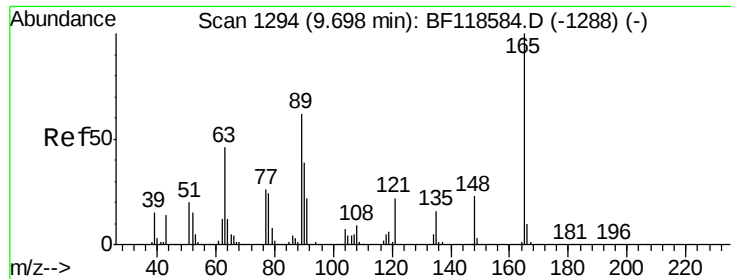
Tot Ion: 65 Resp: 22872
Ion Ratio Lower Upper
65 100
92 97.7 55.4 83.0#
138 31.5 85.0 127.6#



#50
Dimethylphthalate
Concen: 8.498 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion: 163 Resp: 228150
Ion Ratio Lower Upper
163 100
194 17.6 3.9 5.9#
164 18.7 9.1 13.7#





#51

2,6-Dinitrotoluene

Concen: 7.399 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

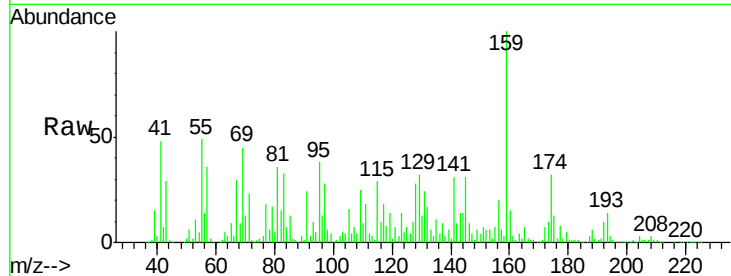
Tot Ion:165 Resp: 44482

Ion Ratio Lower Upper

165 100

63 76.8 48.9 73.3#

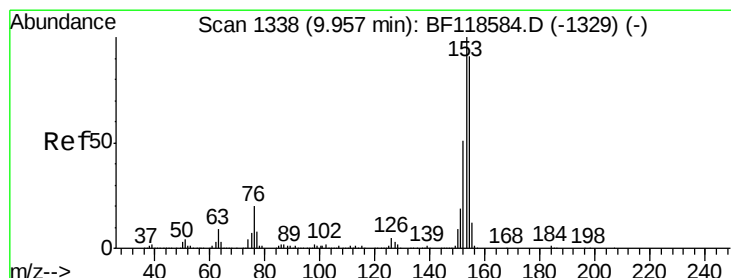
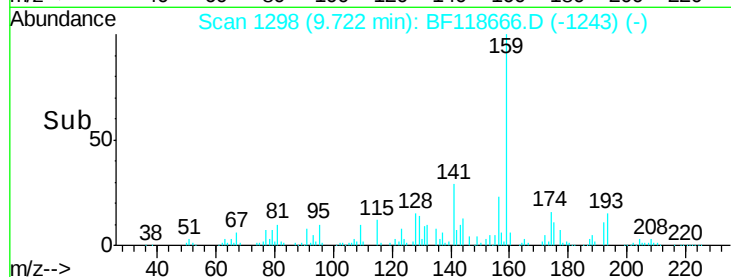
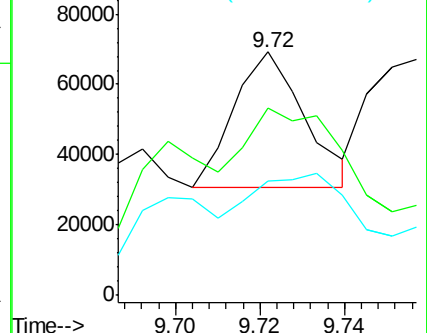
89 46.7 49.8 74.6#



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: 2.450 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

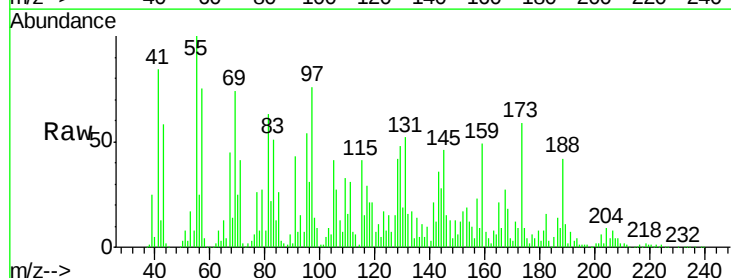
Tgt Ion:154 Resp: 55177

Ion Ratio Lower Upper

154 100

153 160.0 87.6 131.4#

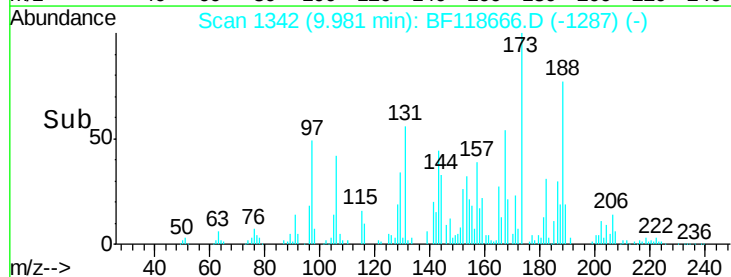
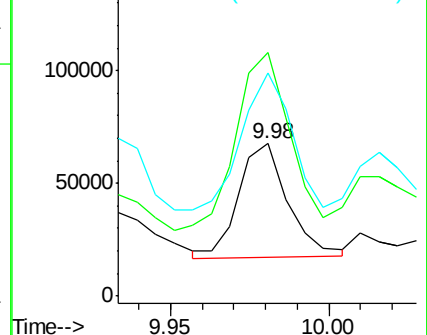
152 146.7 44.4 66.6#

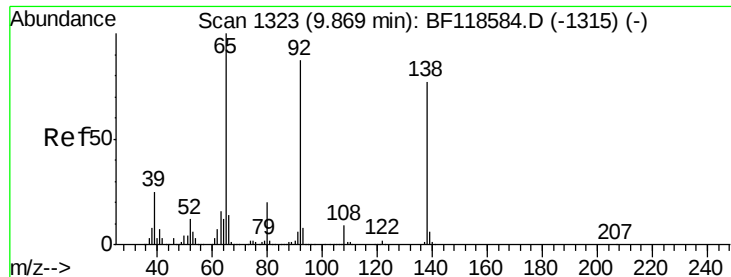


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

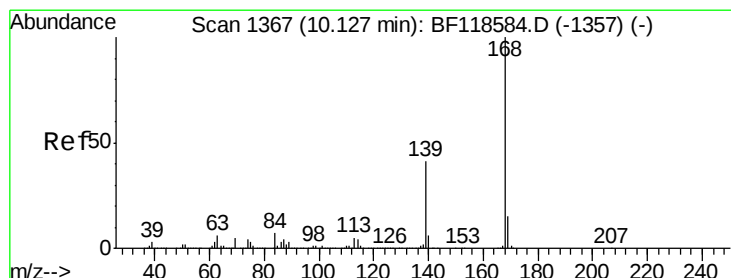
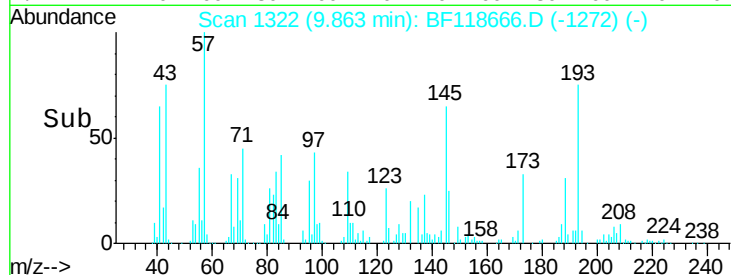
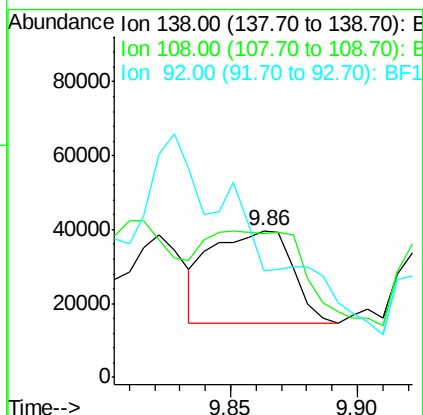
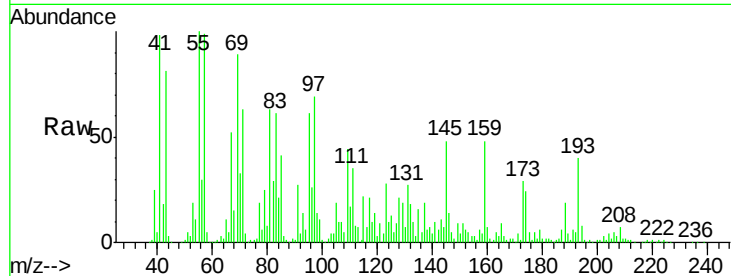




#53
3-Nitroaniline
Concen: 8.082 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

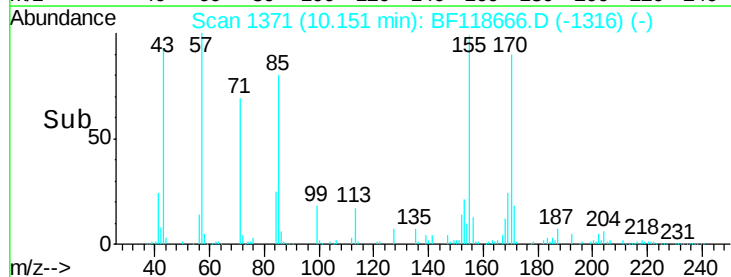
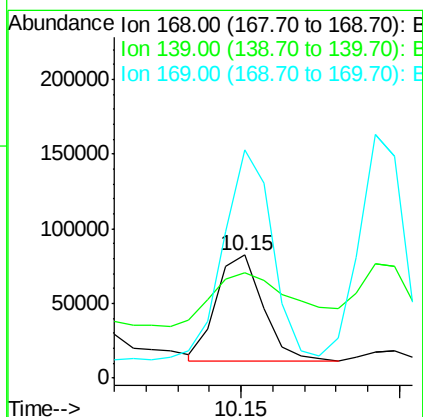
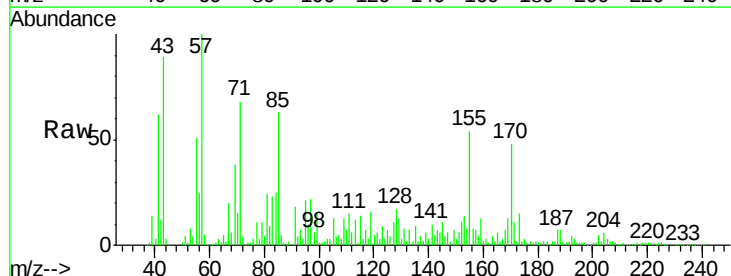
Instrument :
BNA_F
ClientSampled :

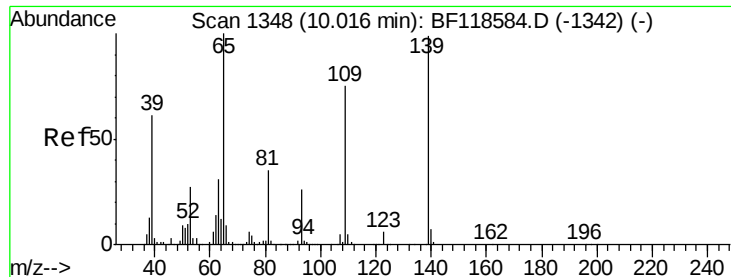
Tot Ion:138 Resp: 55482
Ion Ratio Lower Upper
138 100
108 98.1 9.6 14.4#
92 73.2 90.6 136.0#



#55
Dibenzofuran
Concen: 2.294 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:168 Resp: 71591
Ion Ratio Lower Upper
168 100
139 86.2 32.7 49.1#
169 185.9 12.2 18.2#

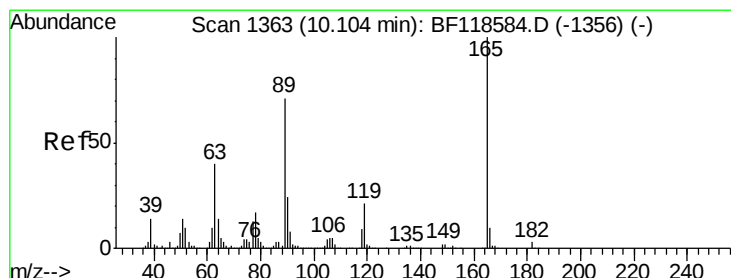
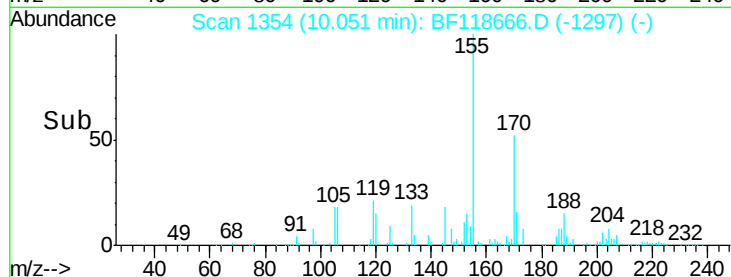
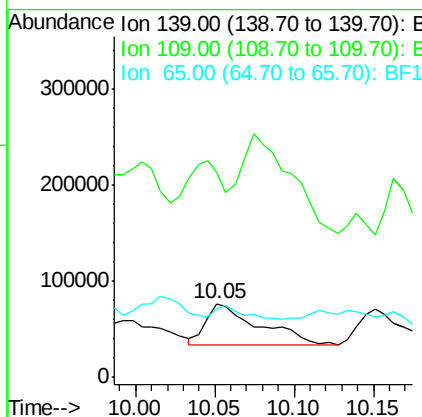
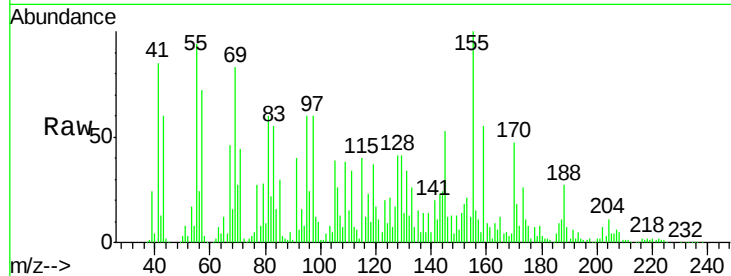




#56
4-Nitrophenol
Concen: 18.878 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.04 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

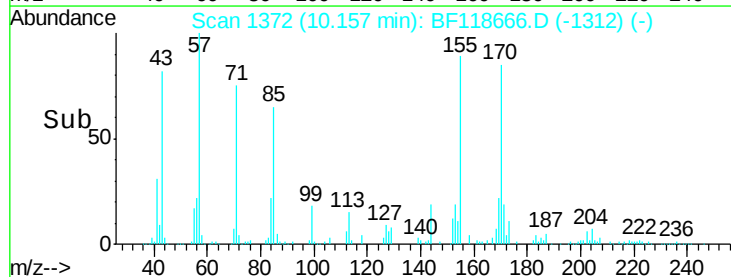
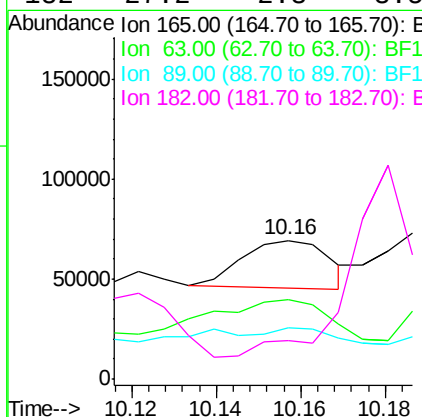
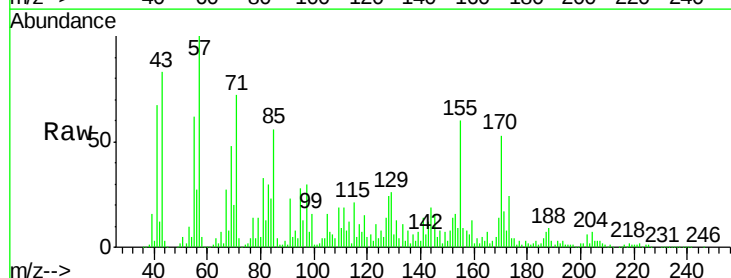
Instrument :
BNA_F
ClientSampleId :

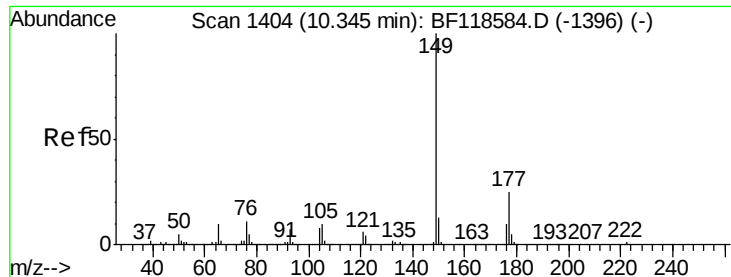
Tot Ion:139 Resp: 97831
Ion Ratio Lower Upper
139 100
109 277.2 56.0 96.0#
65 91.6 81.4 121.4



#57
2,4-Dinitrotoluene
Concen: 4.409 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.05 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:165 Resp: 33415
Ion Ratio Lower Upper
165 100
63 57.5 32.4 48.6#
89 37.1 56.4 84.6#
182 27.2 2.3 3.5#

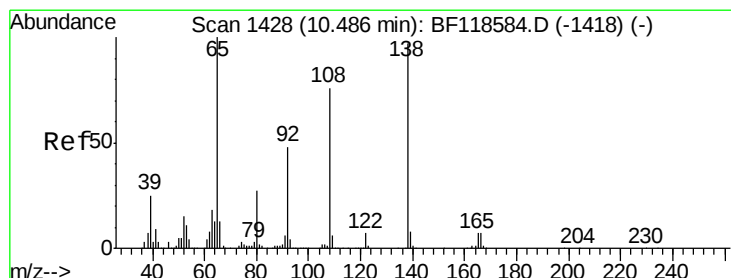
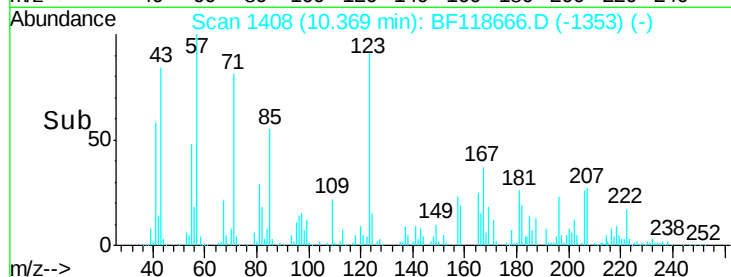
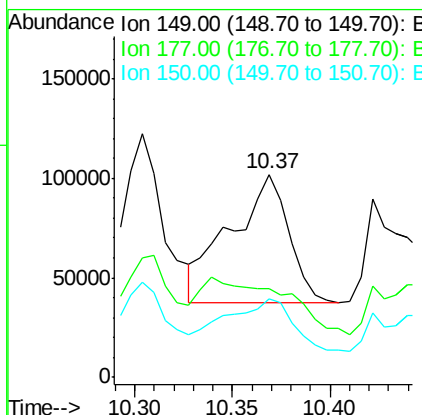
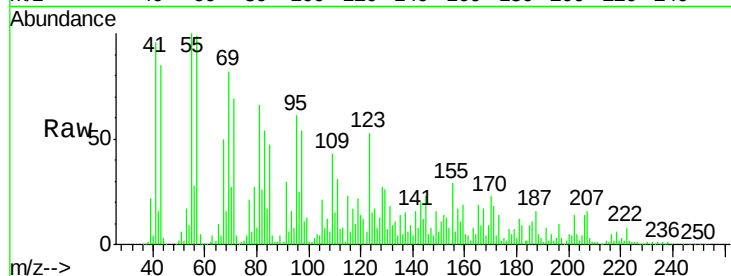




#60
Diethylphthalate
Concen: 5.160 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

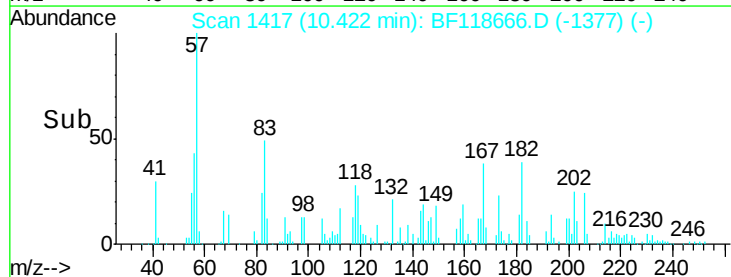
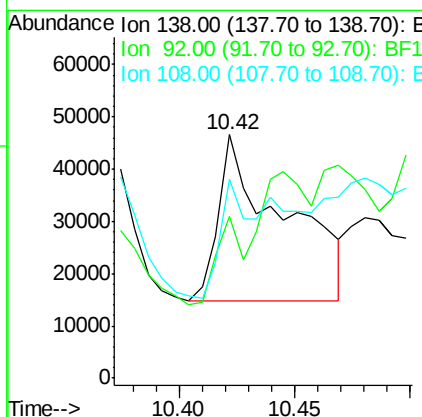
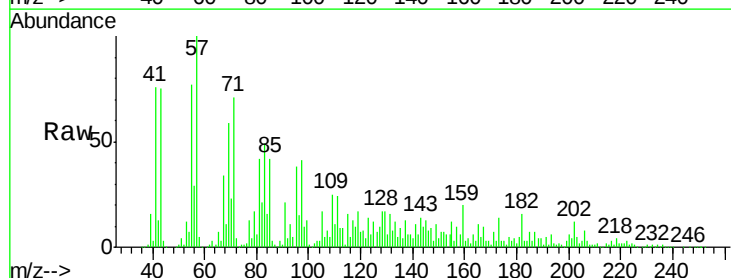
Instrument :
BNA_F
ClientSampled :

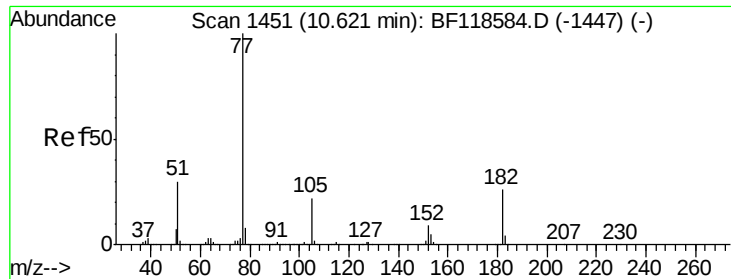
Tot Ion:149 Resp: 134317
Ion Ratio Lower Upper
149 100
177 44.0 20.0 30.0#
150 38.4 10.6 16.0#



#62
4-Nitroaniline
Concen: 8.948 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.06 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:138 Resp: 63006
Ion Ratio Lower Upper
138 100
92 66.6 29.4 69.4
108 81.5 58.2 98.2





#63

Azobenzene

Concen: 3.536 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.02 min

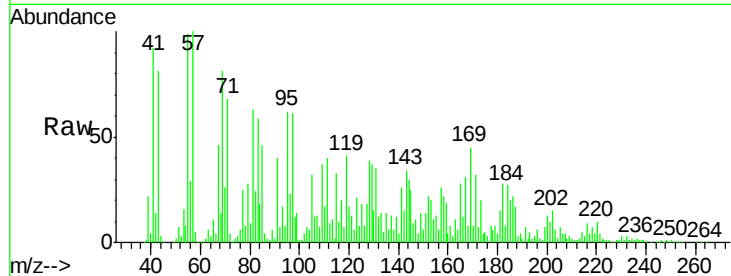
Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

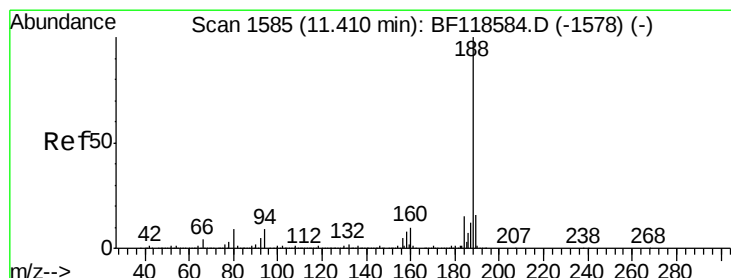
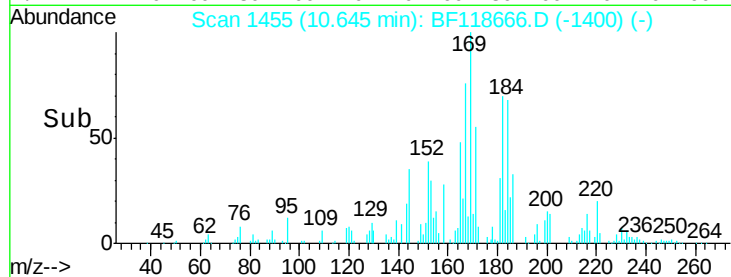
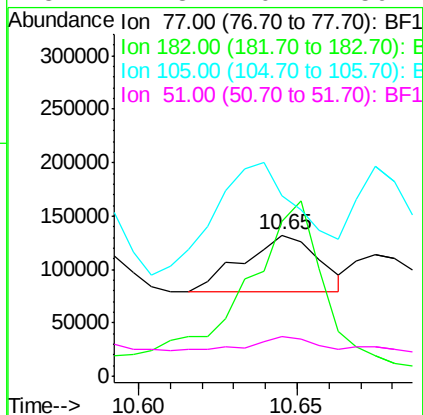
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	77	Resp:	89139
Ion	Ratio	Lower	Upper
77	100		
182	110.3	5.6	45.6#
105	128.1	2.0	42.0#
51	27.8	10.2	50.2



#64

Phenanthrene-d10

Concen: 20.000 ng

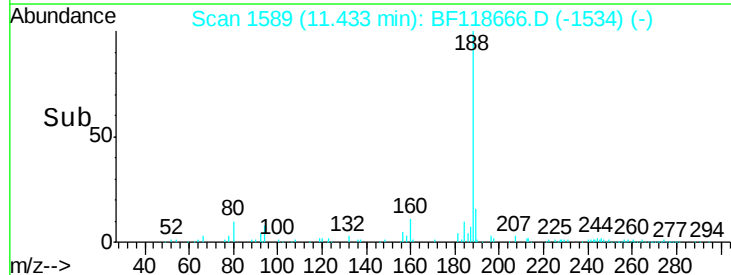
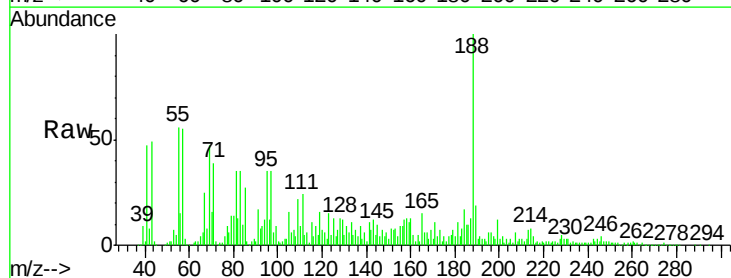
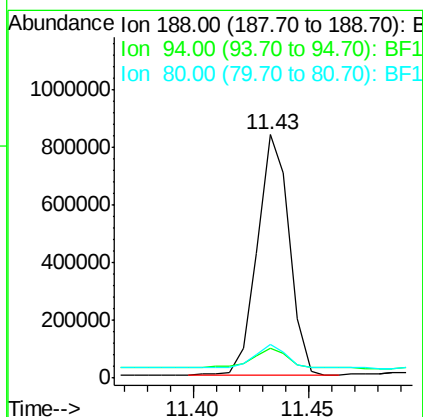
RT: 11.43 min Scan# 1589

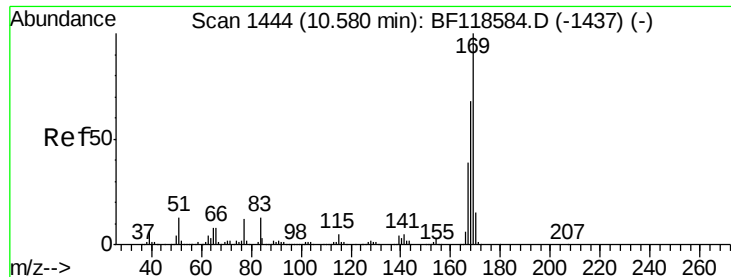
Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Tgt Ion:	188	Resp:	802754
Ion	Ratio	Lower	Upper
188	100		
94	12.3	7.1	10.7#
80	14.0	7.5	11.3#





#66

n-Nitrosodiphenylamine

Concen: 6.231 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

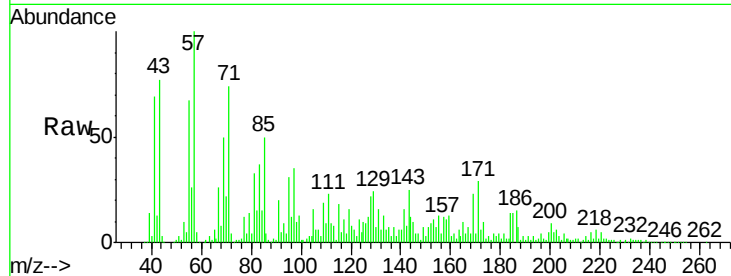
Tot Ion:169 Resp: 150858

Ion Ratio Lower Upper

169 100

168 18.8 54.6 82.0#

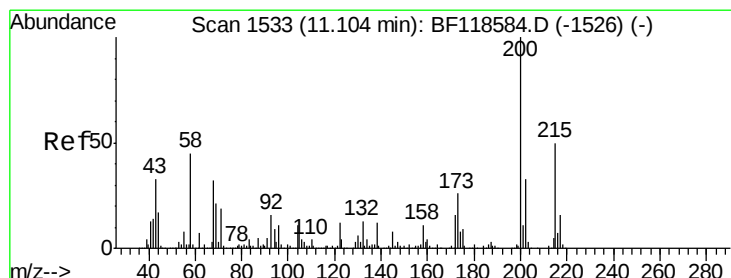
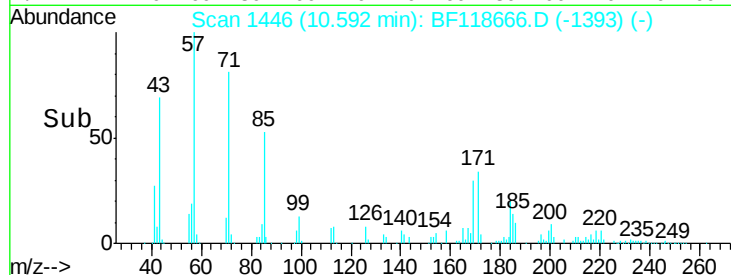
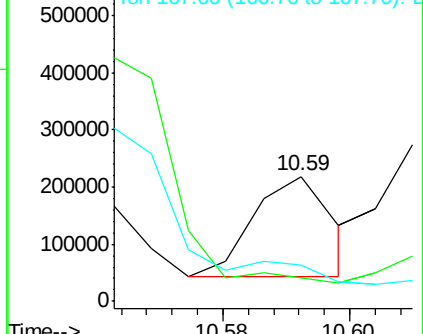
167 28.6 30.9 46.3#



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: 11.744 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.04 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

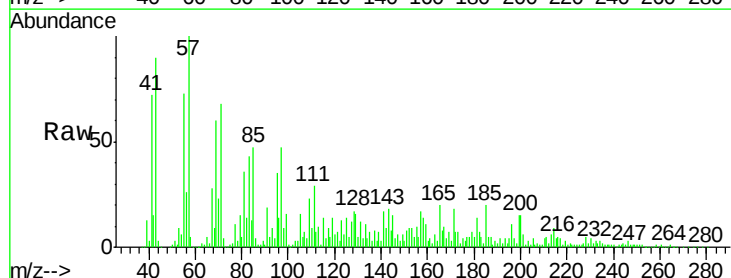
Tgt Ion:200 Resp: 98541

Ion Ratio Lower Upper

200 100

173 44.9 6.3 46.3

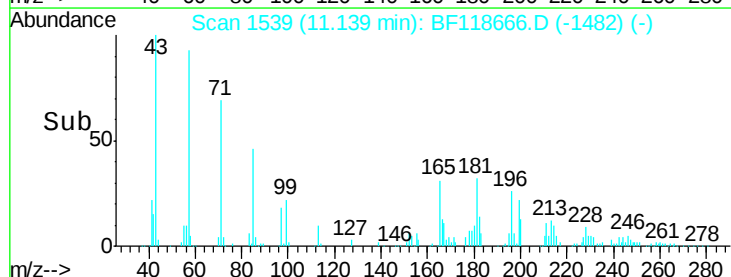
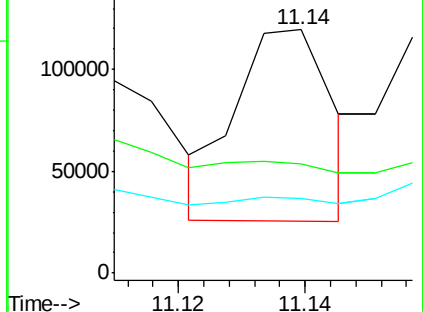
215 30.5 30.2 70.2

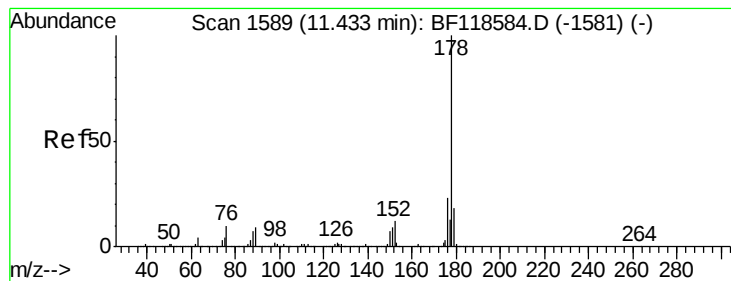


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 3.136 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

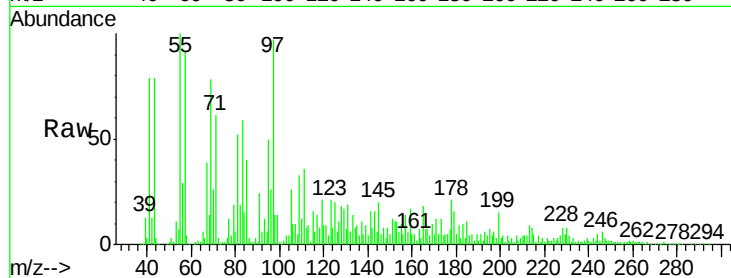
Tot Ion:178 Resp: 121470

Ion Ratio Lower Upper

178 100

176 25.5 18.6 27.8

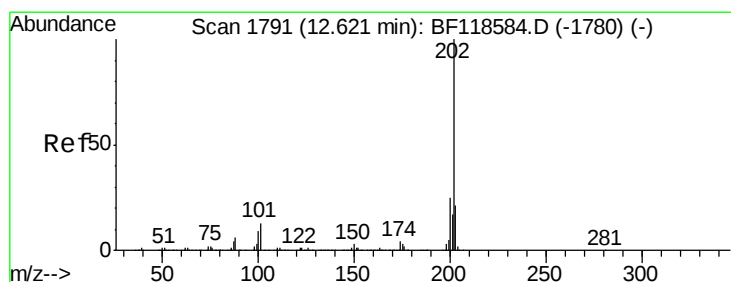
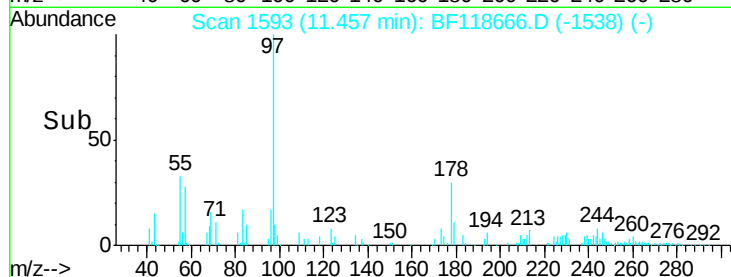
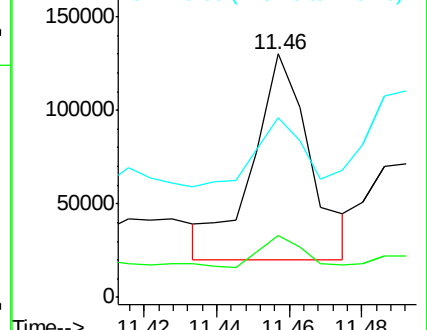
179 73.8 14.7 22.1#



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: 2.608 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

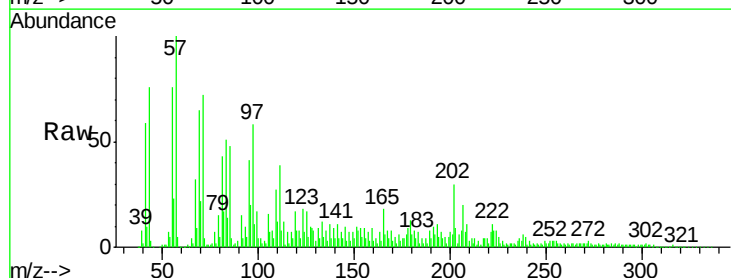
Tgt Ion:202 Resp: 106549

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.5

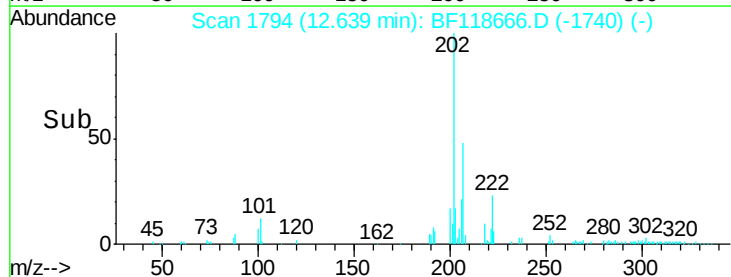
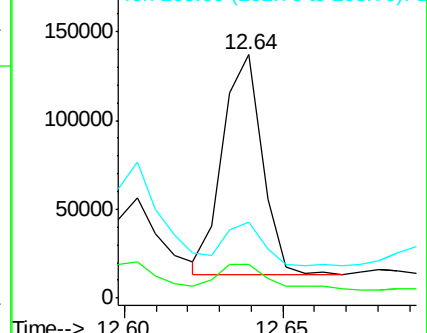
203 31.3 0.8 40.8

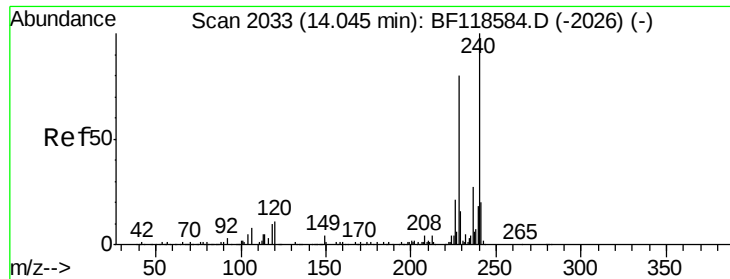


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

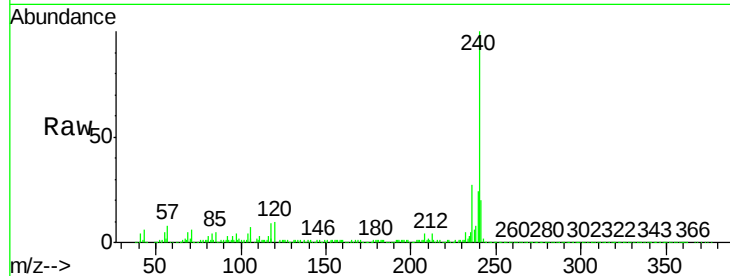




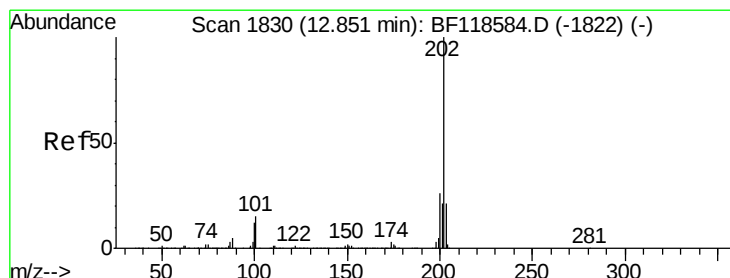
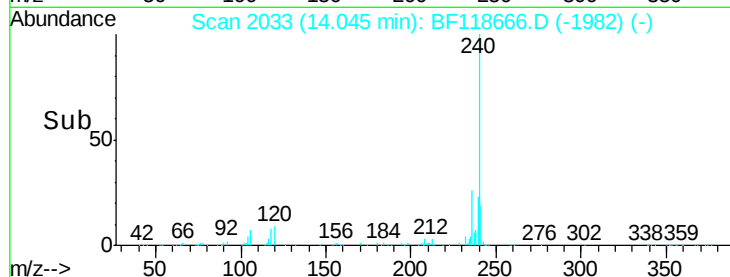
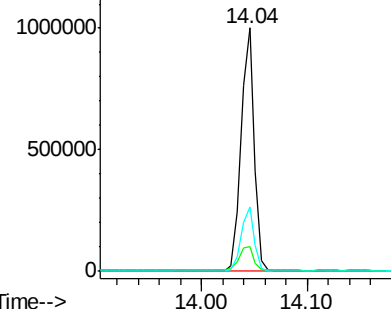
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 884594
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.7 21.5 32.3

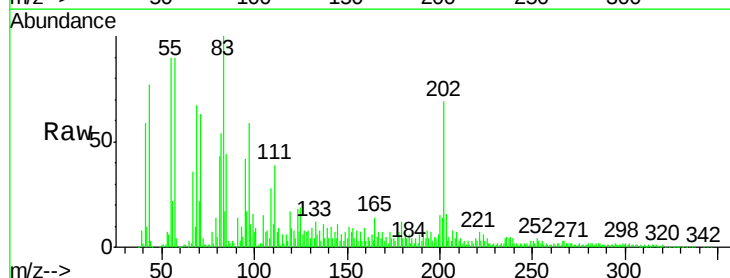


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

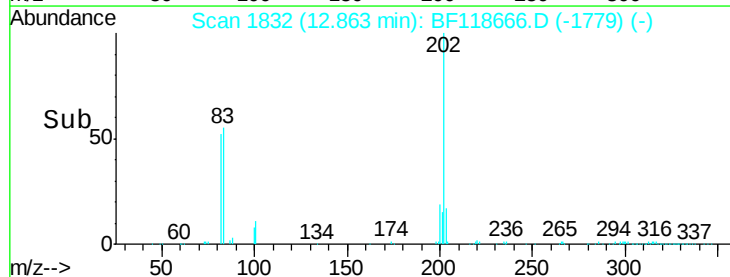
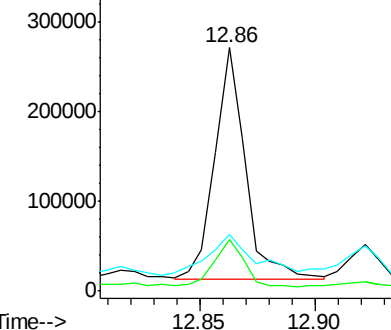


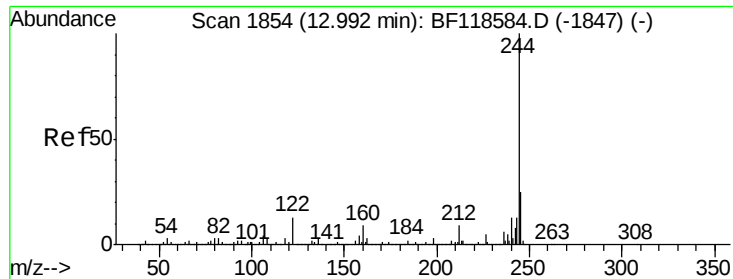
#78
Pyrene
Concen: 3.983 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF118666.D
Acq: 22 Jan 2020 16:29

Tgt Ion:202 Resp: 239207
Ion Ratio Lower Upper
202 100
200 21.1 20.6 31.0
203 23.2 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.869 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

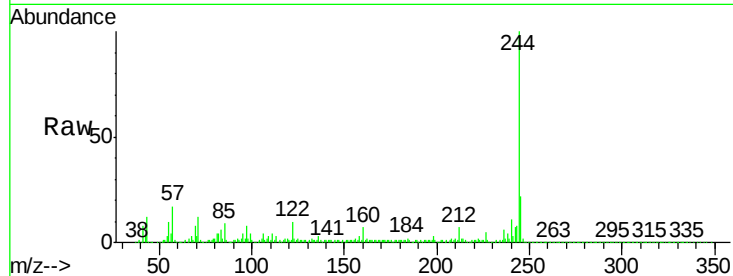
Tot Ion:244 Resp: 2712034

Ion Ratio Lower Upper

244 100

212 7.4 7.0 10.4

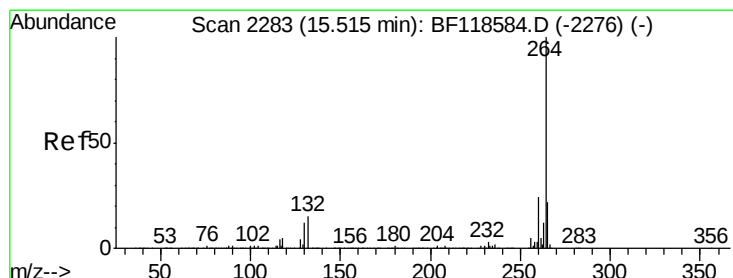
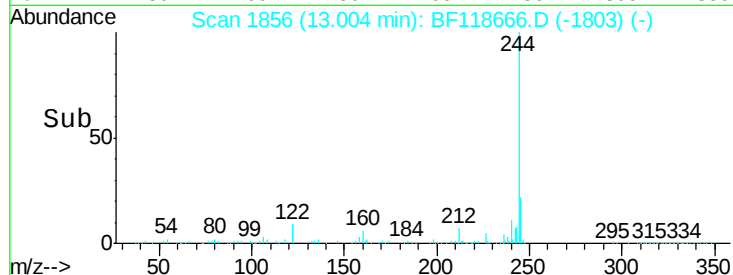
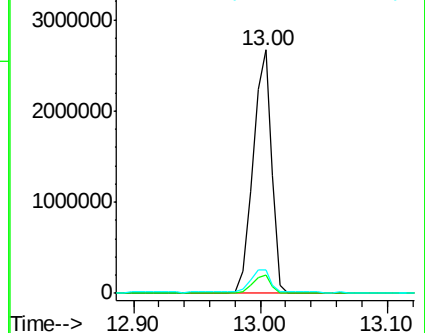
122 9.8 10.7 16.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

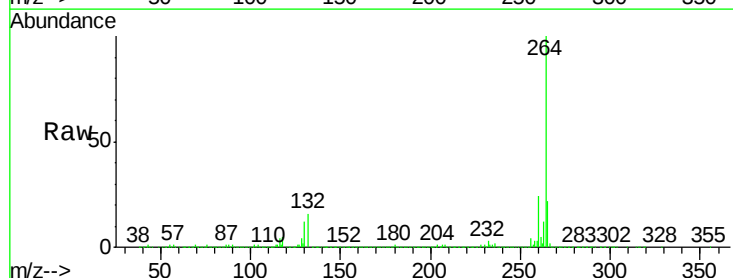
Tgt Ion:264 Resp: 984284

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

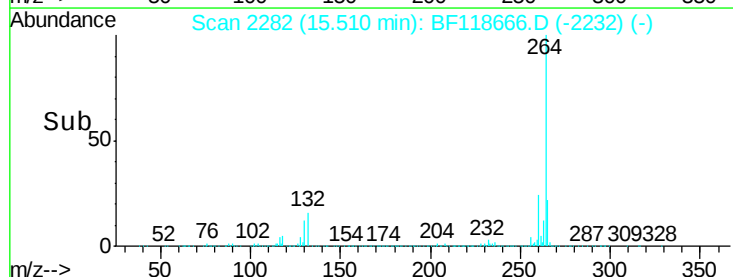
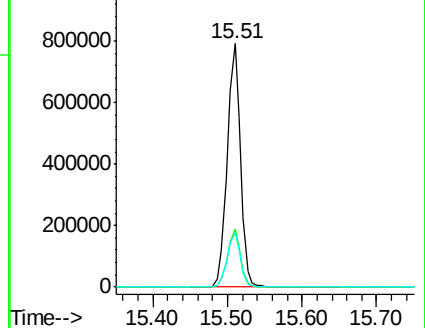
265 22.1 17.7 26.5

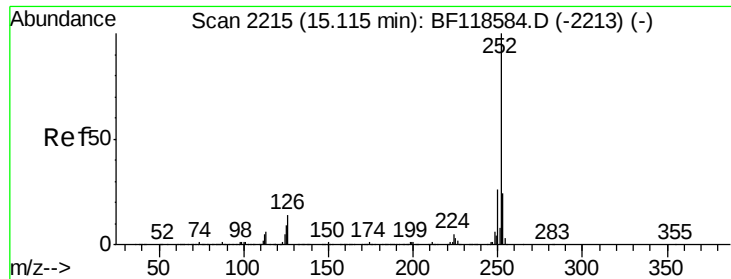


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(k)fluoranthene

Concen: 2.025 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.04 min

Lab File: BF118666.D

Acq: 22 Jan 2020 16:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 116100

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.4

125 14.1 7.6 11.4#

