

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110895.D
 Acq On : 20 Nov 2018 15:39
 Operator : JU/SJ
 Sample : J6003-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 17:20:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59887	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	188030	20.00	ng	0.01
39) Acenaphthene-d10	10.03	164	92756	20.00	ng	0.04
64) Phenanthrene-d10	11.52	188	135384	20.00	ng	0.03
76) Chrysene-d12	14.13	240	173101	20.00	ng	0.00
87) Perylene-d12	15.67	264	157760	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	372946	101.15	ng	0.00
7) Phenol-d6	6.57	99	464771	98.58	ng	0.00
23) Nitrobenzene-d5	7.52	82	271251	83.08	ng	0.00
42) 2,4,6-Tribromophenol	10.83	330	60963	65.23	ng	0.04
45) 2-Fluorobiphenyl	9.33	172	364316	56.09	ng	0.02
79) Terphenyl-d14	13.07	244	397456	43.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.58	94	25920	4.741	ng	86
15) Benzyl Alcohol	7.10	79	21531	5.836	ng	# 46
18) Hexachloroethane	7.47	117	211813	119.475	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	38200	12.693	ng	# 70
22) Acetophenone	7.28	105	61071	13.936	ng	# 45
24) Nitrobenzene	7.52	77	38139	11.401	ng	# 29
25) Isophorone	7.76	82	121690	22.740	ng	# 1
26) 2-Nitrophenol	7.85	139	14534	8.709	ng	# 1
27) 2,4-Dimethylphenol	7.89	122	28196	11.094	ng	# 7
28) bis(2-Chloroethoxy)methane	7.98	93	25448	7.023	ng	# 1
29) 2,4-Dichlorophenol	8.07	162	22807	8.721	ng	# 1
31) Naphthalene	8.26	128	44834	5.079	ng	# 1
32) Benzoic acid	8.02	122	17860	9.932	ng	# 25
33) 4-Chloroaniline	8.29	127	21322	5.333	ng	# 1
35) Caprolactam	8.67	113	256366	293.418	ng	# 11
36) 4-Chloro-3-methylphenol	8.77	107	25059	8.885	ng	# 34
37) 2-Methylnaphthalene	8.99	142	3292690	569.028	ng	96
38) 1-Methylnaphthalene	9.08	142	1930610	346.923	ng	# 99
43) 2,4,6-Trichlorophenol	9.23	196	7795	4.225	ng	# 12
44) 2,4,5-Trichlorophenol	9.23	196	7667	3.896	ng	# 1
48) 2-Nitroaniline	9.56	65	7845	4.084	ng	# 34
49) Acenaphthylene	9.90	152	74653	8.316	ng	# 1
51) 2,6-Dinitrotoluene	9.79	165	11327	7.440	ng	# 87
52) Acenaphthene	10.06	154	158638	27.961	ng	# 39
53) 3-Nitroaniline	9.97	138	11039	6.258	ng	# 38
54) 2,4-Dinitrophenol	10.21	184	3007	9.368	ng	# 1
55) Dibenzofuran	10.24	168	171500	20.661	ng	# 1
56) 4-Nitrophenol	10.14	139	126859	108.405	ng	# 61
57) 2,4-Dinitrotoluene	10.24	165	56104	28.341	ng	# 56
58) Fluorene	10.58	166	301127	47.230	ng	# 83
62) 4-Nitroaniline	10.49	138	16956	9.546	ng	84
63) Azobenzene	10.74	77	43792	6.555	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.64	198	3493	5.119	ng	# 1
66) n-Nitrosodiphenylamine	10.69	169	633226	138.764	ng	# 45

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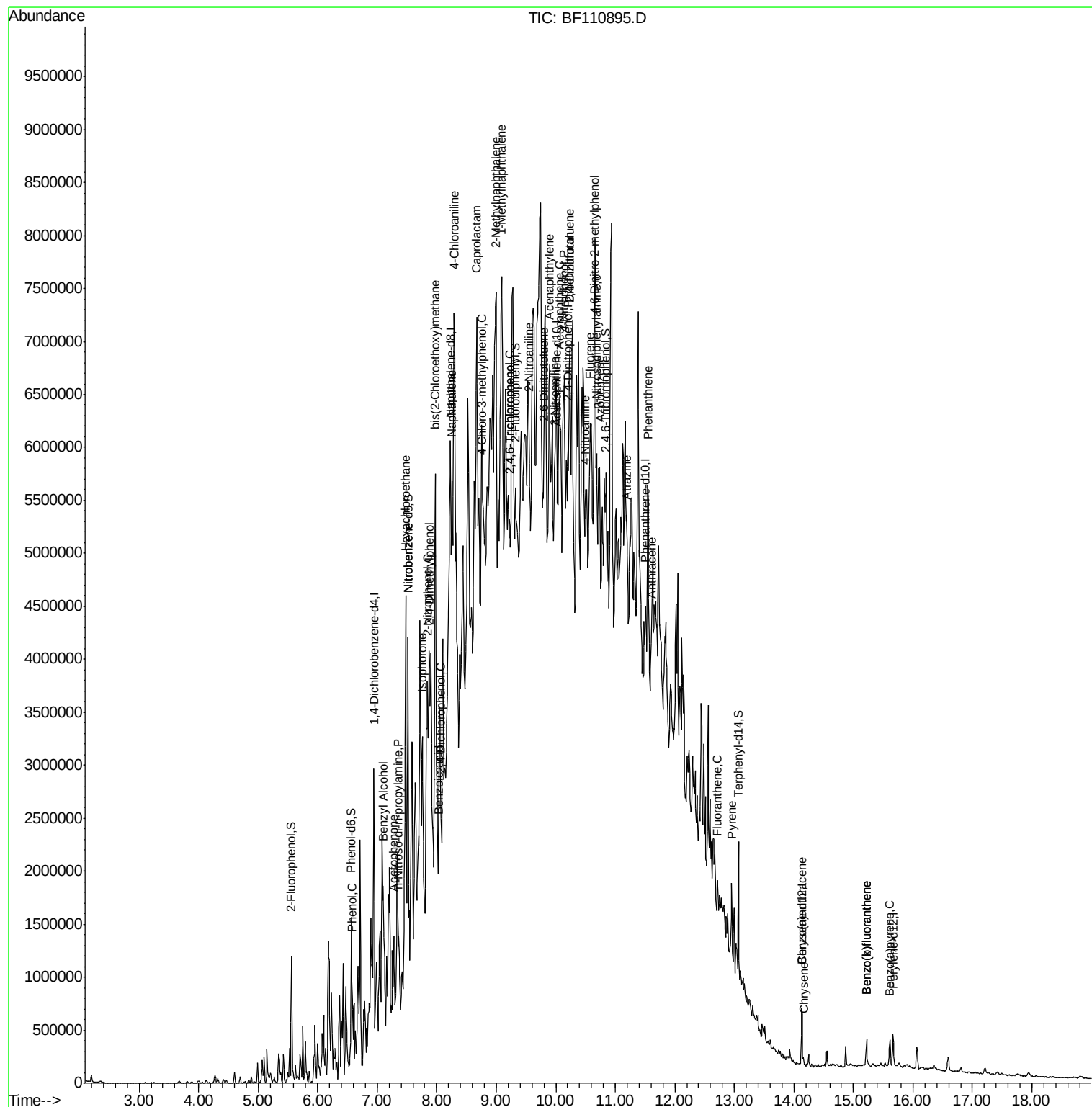
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Atrazine	11.20	200	8606	6.168	nq	# 53
71) Phenanthrene	11.55	178	923923	127.382	nq	# 95
72) Anthracene	11.60	178	98950	13.524	nq	# 17
75) Fluoranthene	12.72	202	82370	11.327	nq	# 94
78) Pyrene	12.95	202	122110	9.162	nq	# 81
81) Benzo(a)anthracene	14.13	228	31825	3.076	nq	# 90
83) Chrysene	14.16	228	31690	3.215	nq	# 94
88) Benzo(b)fluoranthene	15.22	252	46646	4.942	nq	# 87
89) Benzo(k)fluoranthene	15.22	252	46646	5.002	nq	# 86
90) Benzo(a)pyrene	15.60	252	23066	2.690	nq	# 85

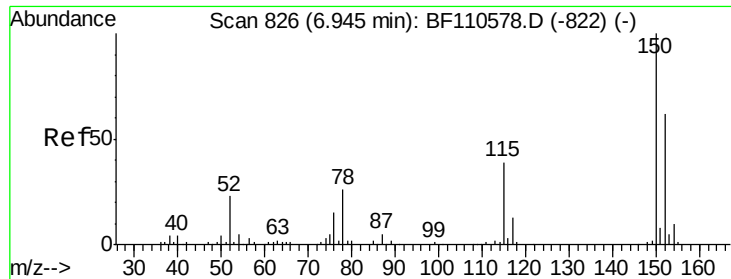
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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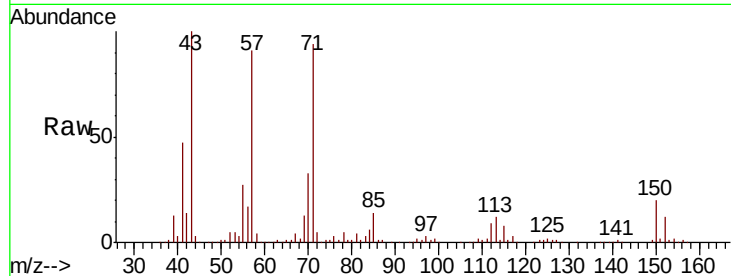


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.7	184.1
115	68.3	49.1	73.7

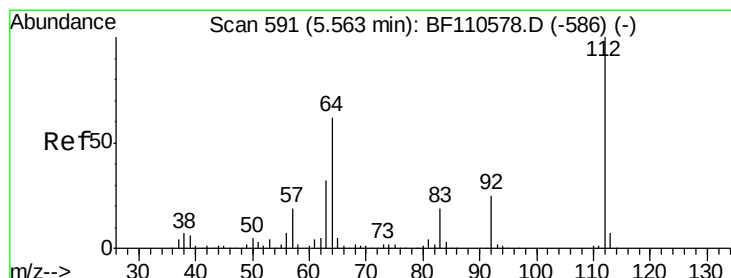
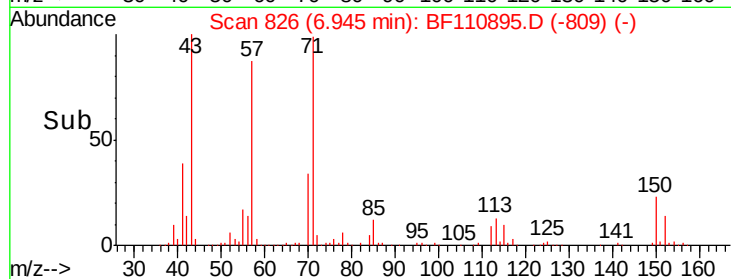
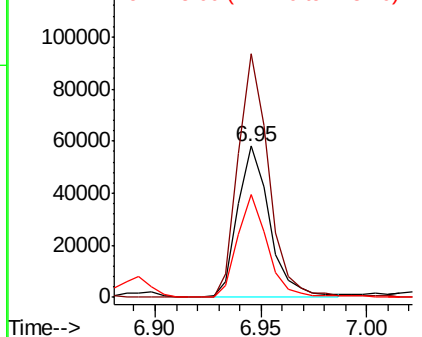


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

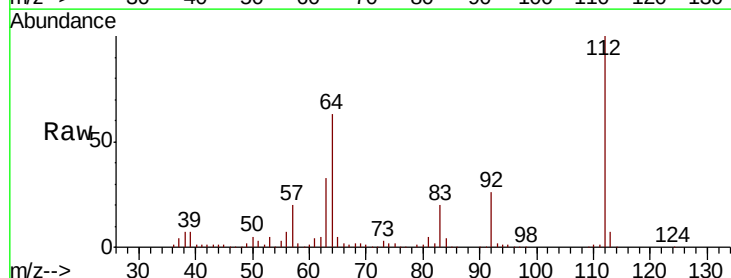
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.154 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	44.1	66.1
63	33.4	23.7	35.5

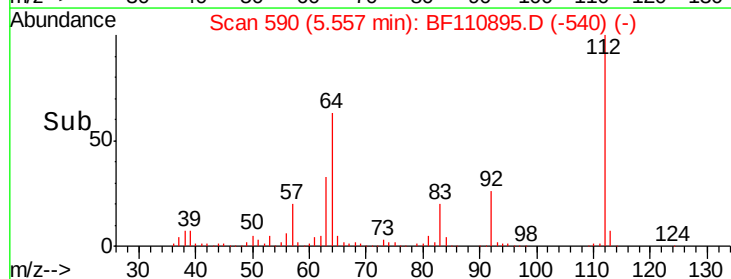
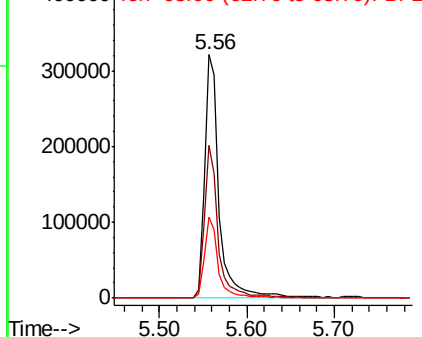


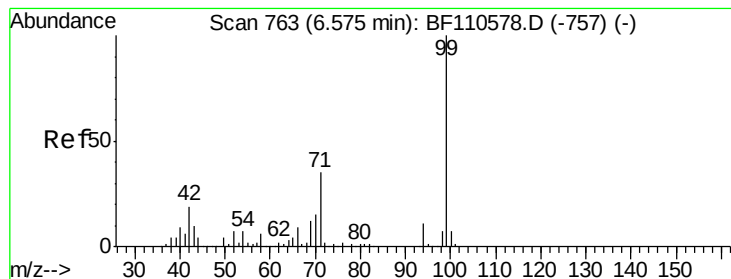
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.580 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

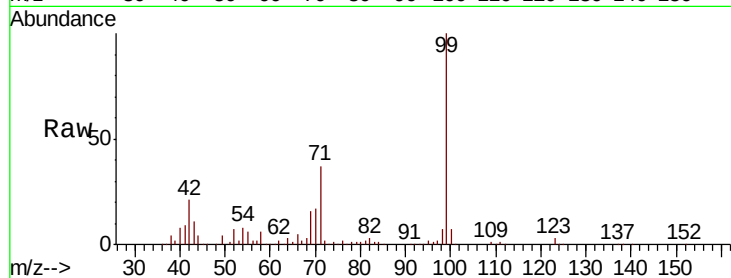
Tot Ion: 99 Resp: 464771

Ion Ratio Lower Upper

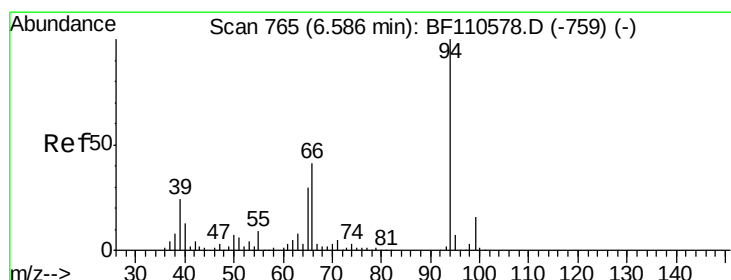
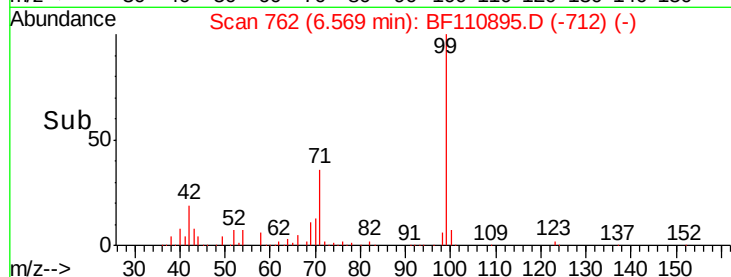
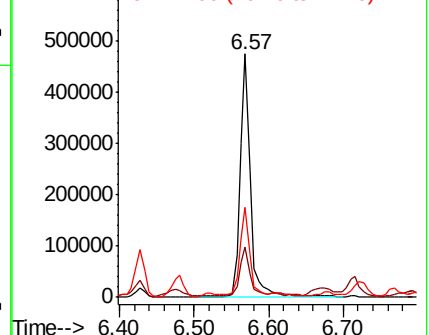
99 100

42 20.5 15.8 23.6

71 36.8 28.0 42.0



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: 4.741 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

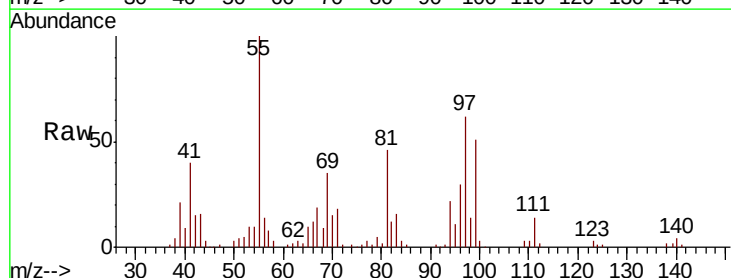
Tgt Ion: 94 Resp: 25920

Ion Ratio Lower Upper

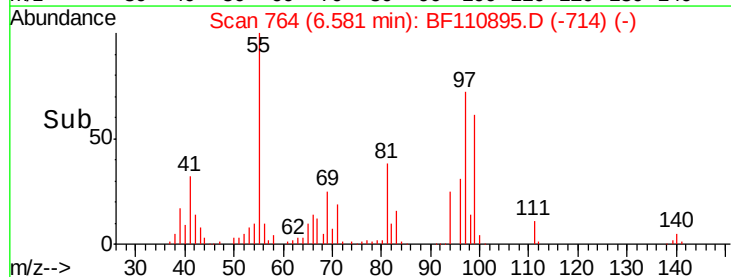
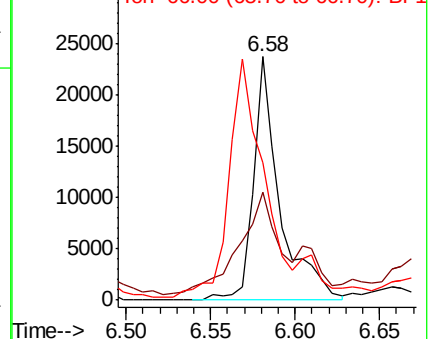
94 100

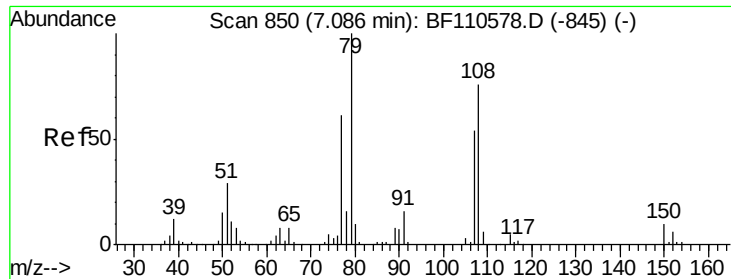
65 44.3 25.3 65.3

66 56.5 54.5 94.5



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





#15

Benzyl Alcohol

Concen: 5.836 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampled :

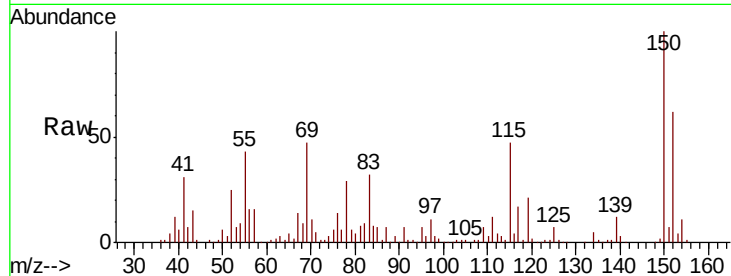
Tot Ion: 79 Resp: 21531

Ion Ratio Lower Upper

79 100

108 19.4 56.3 84.5#

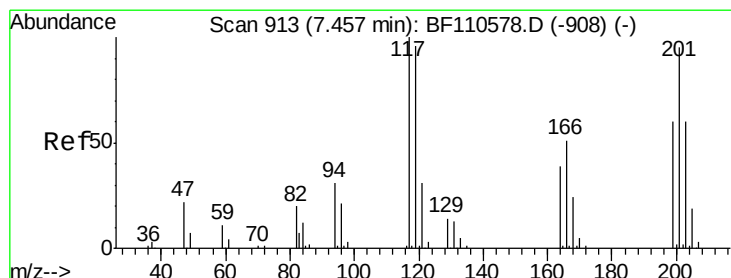
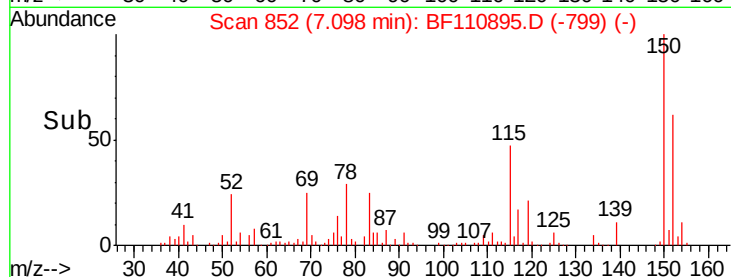
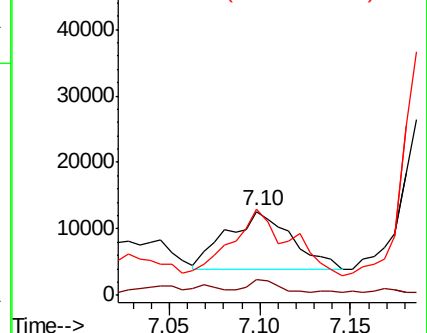
77 102.8 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 119.475 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

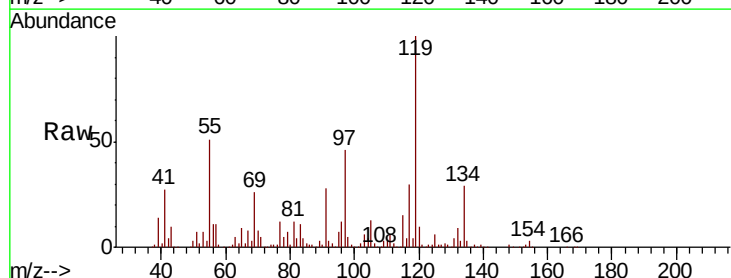
Tgt Ion: 117 Resp: 211813

Ion Ratio Lower Upper

117 100

119 333.6 75.0 112.6#

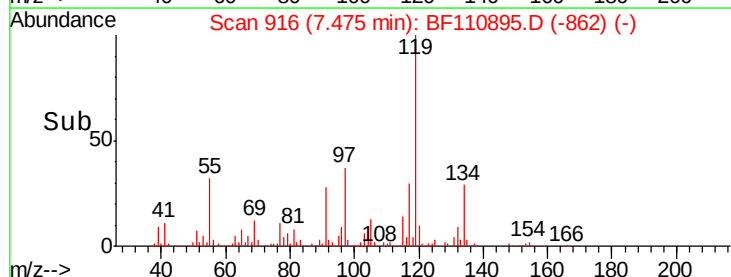
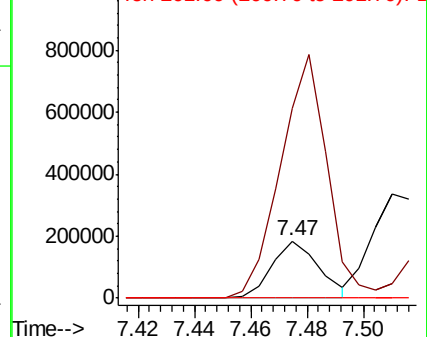
201 0.0 79.2 118.8#

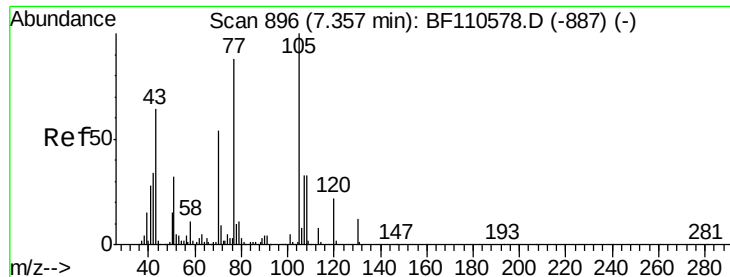


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

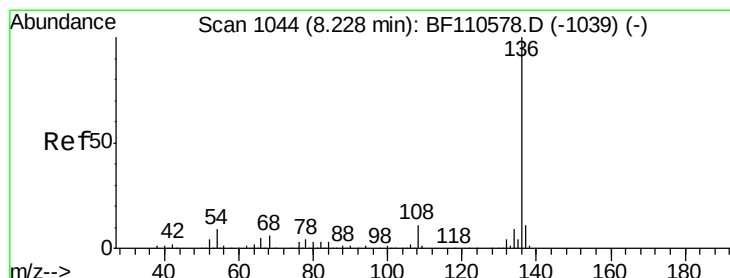
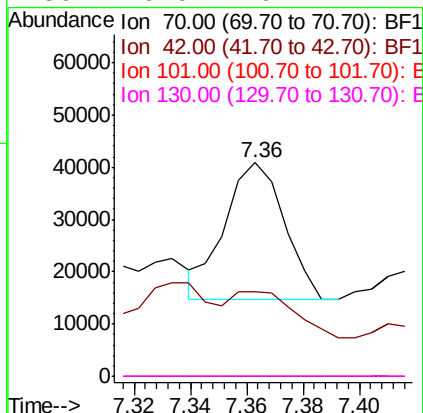
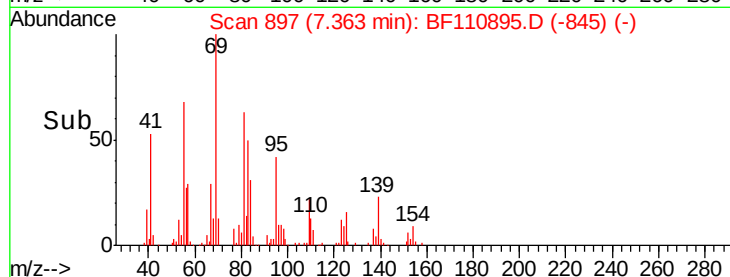
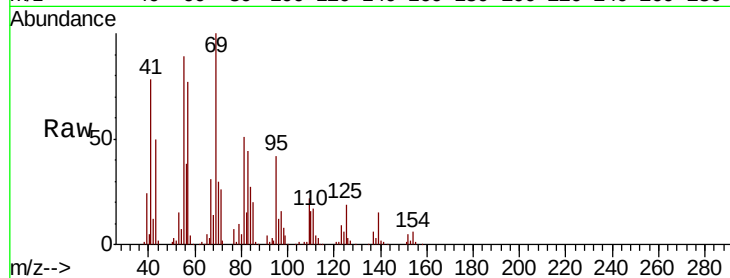




#19
n-Nitroso-di-n-propylamine
Concen: 12.693 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

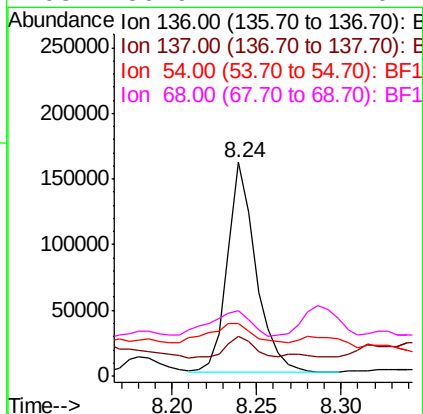
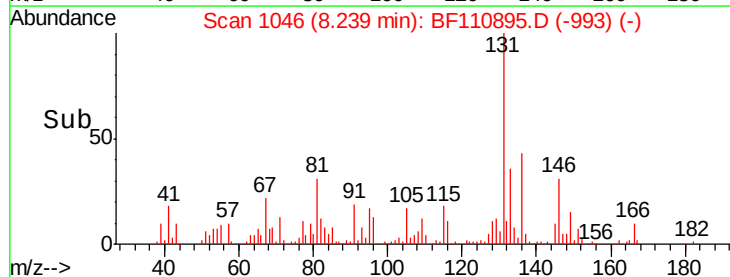
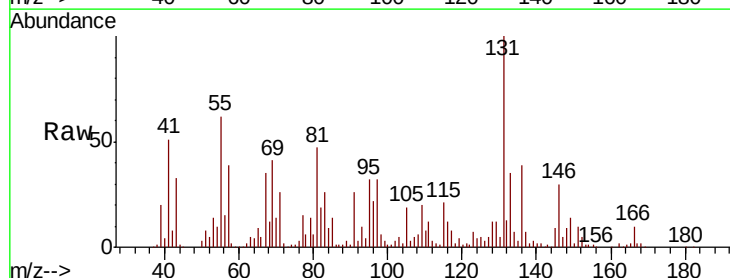
Instrument :
BNA_F
ClientSampleId :

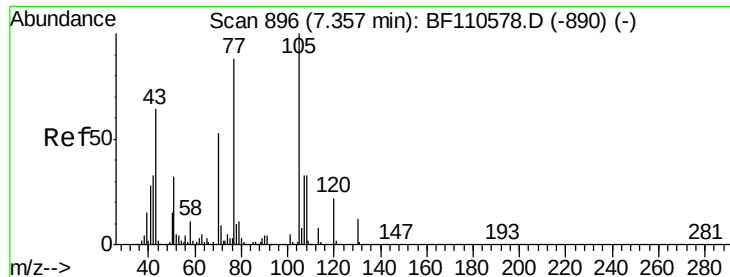
Tot Ion: 70 Resp: 38200
Ion Ratio Lower Upper
70 100
42 39.4 47.4 71.2#
101 0.0 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:136 Resp: 188030
Ion Ratio Lower Upper
136 100
137 18.6 8.8 13.2#
54 24.8 5.4 8.2#
68 30.9 4.2 6.2#





#22

Acetophenone

Concen: 13.936 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.08 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 61071

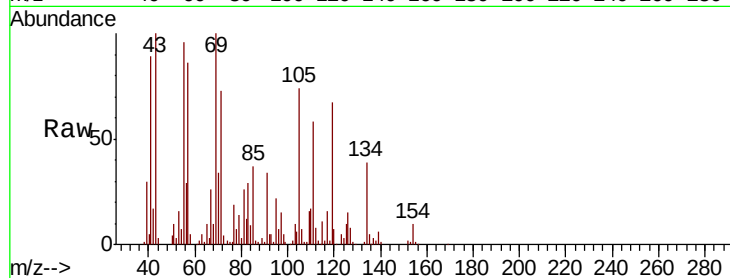
Ion Ratio Lower Upper

105 100

71 98.7 5.2 7.8#

51 13.6 21.8 32.8#

120 9.1 17.0 25.4#

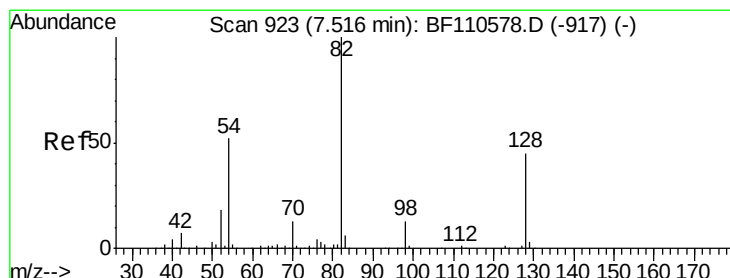
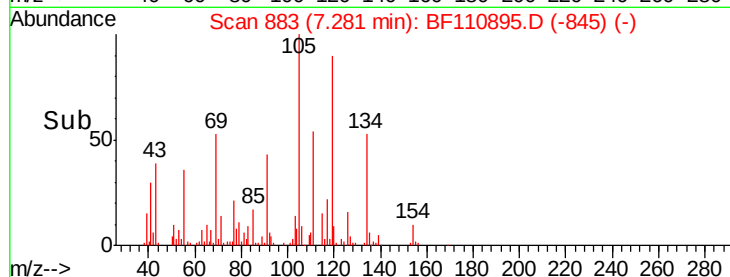
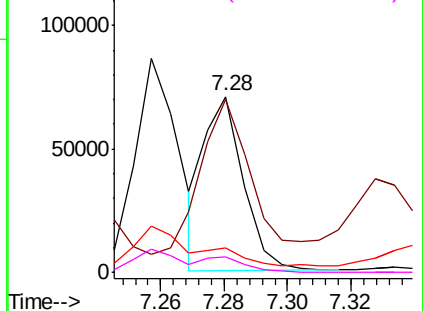


Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.078 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

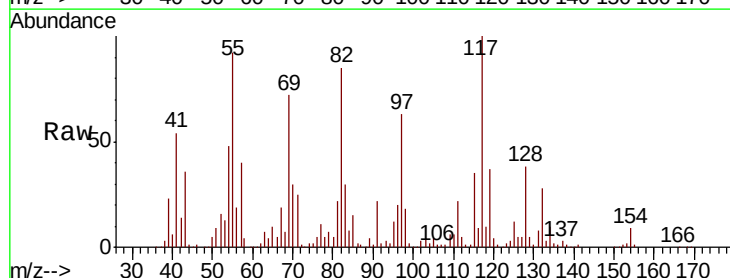
Tgt Ion: 82 Resp: 271251

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.2

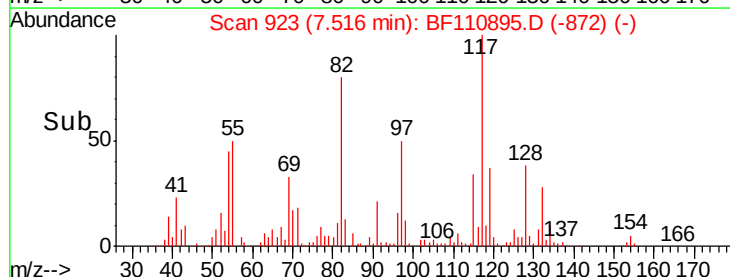
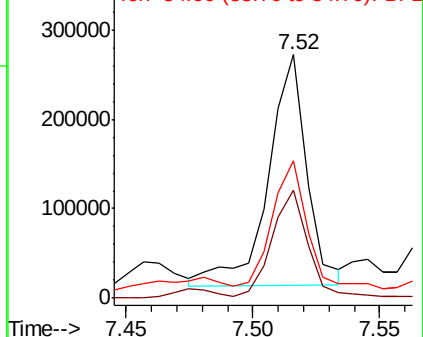
54 56.4 38.6 58.0

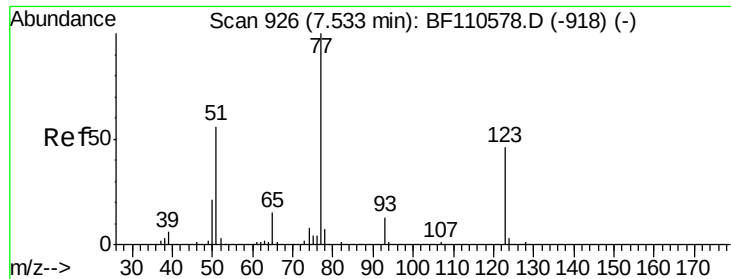


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 11.401 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampled :

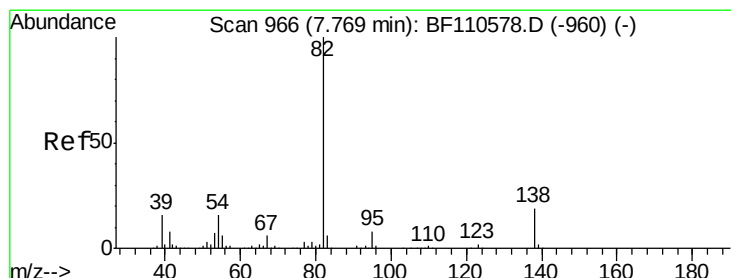
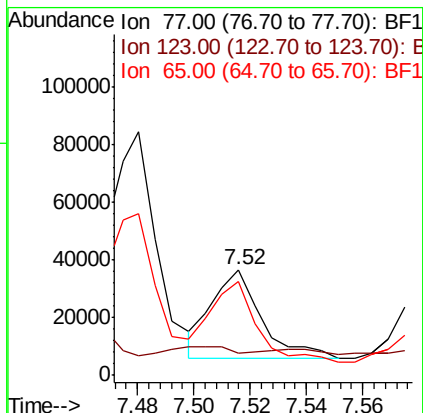
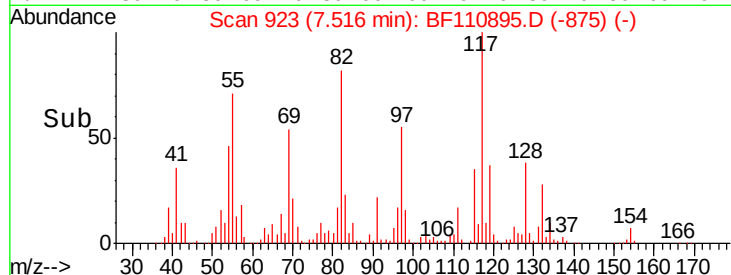
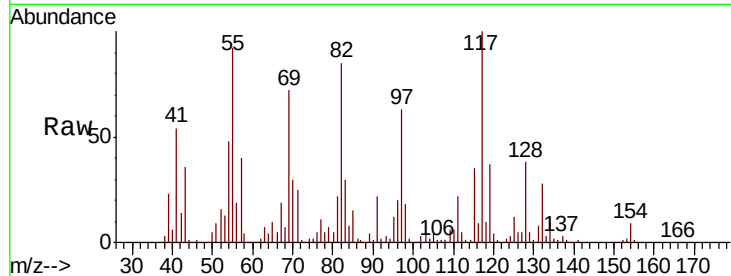
Tot Ion: 77 Resp: 38139

Ion Ratio Lower Upper

77 100

123 21.4 35.7 53.5#

65 88.8 10.7 16.1#



#25

Isophorone

Concen: 22.740 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

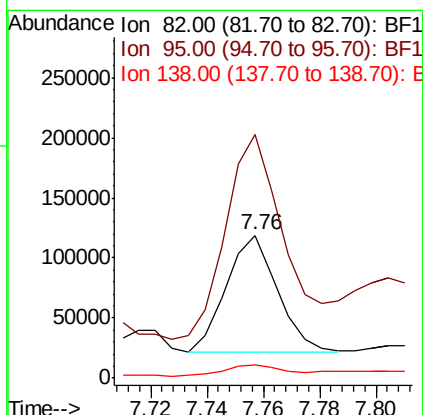
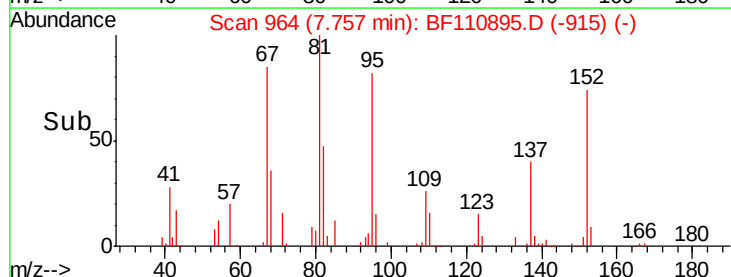
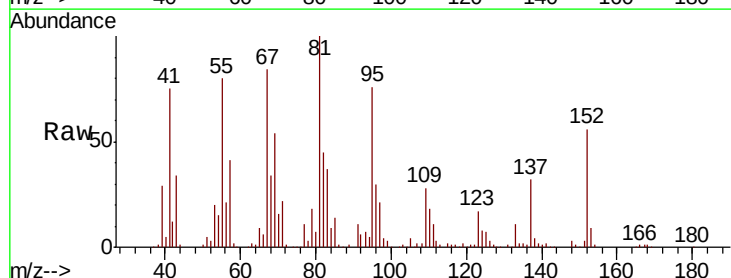
Tgt Ion: 82 Resp: 121690

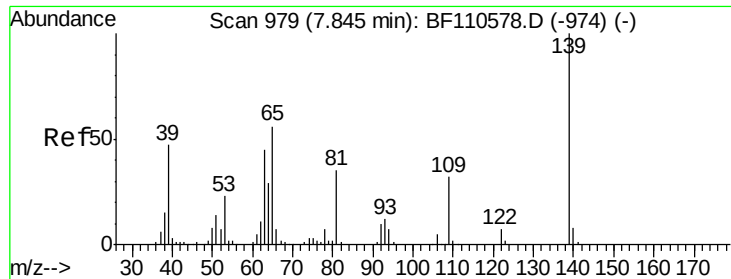
Ion Ratio Lower Upper

82 100

95 170.2 5.7 8.5#

138 9.2 13.2 19.8#

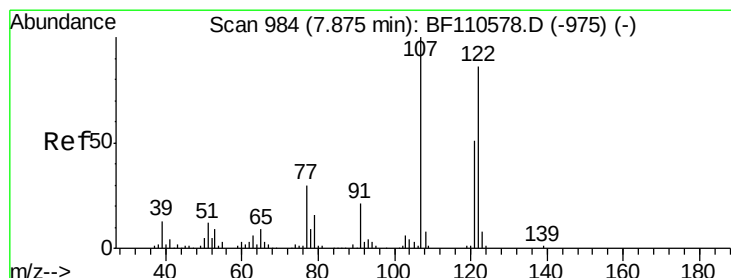
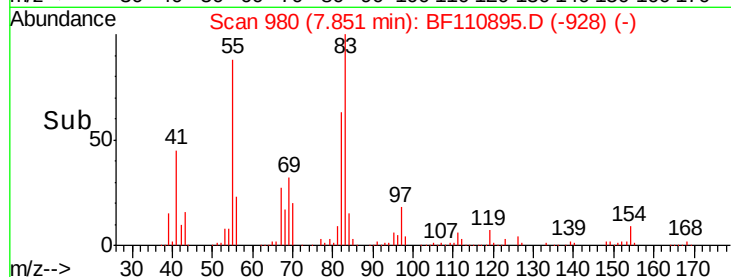
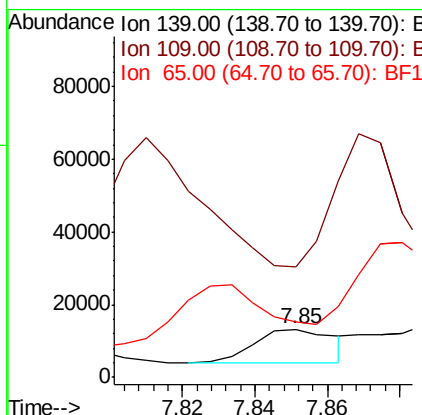
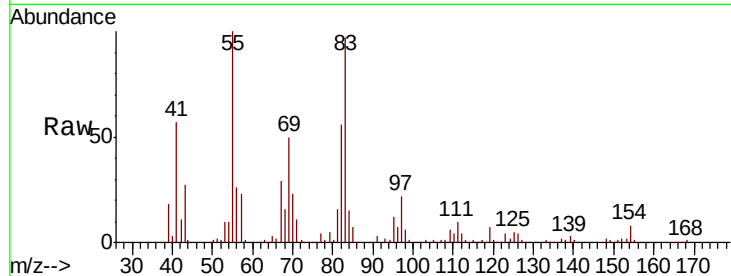




#26
2-Nitrophenol
Concen: 8.709 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

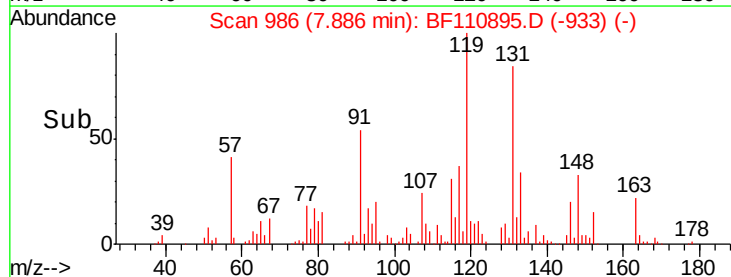
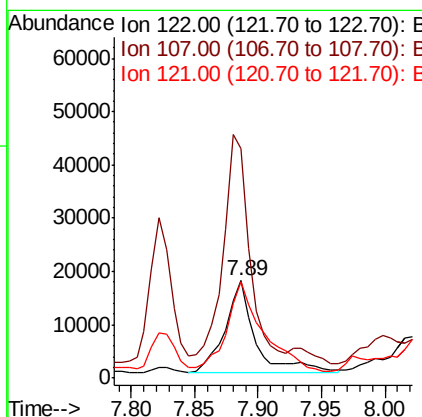
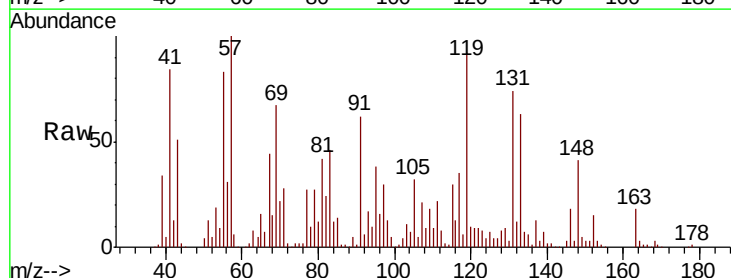
Instrument :
BNA_F
ClientSampled :

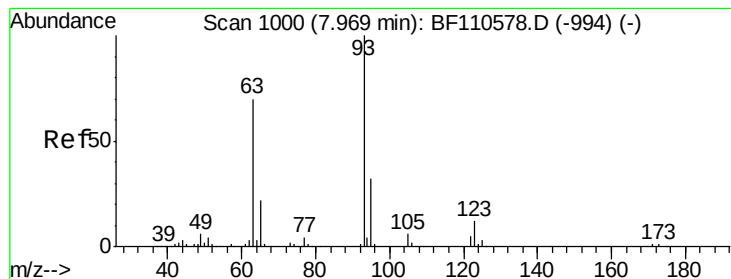
Tot Ion:139 Resp: 14534
Ion Ratio Lower Upper
139 100
109 228.1 25.0 37.6#
65 114.4 44.0 66.0#



#27
2,4-Dimethylphenol
Concen: 11.094 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:122 Resp: 28196
Ion Ratio Lower Upper
122 100
107 236.0 92.5 138.7#
121 98.7 45.8 68.8#





#28

bis(2-Chloroethoxy)methane

Concen: 7.023 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

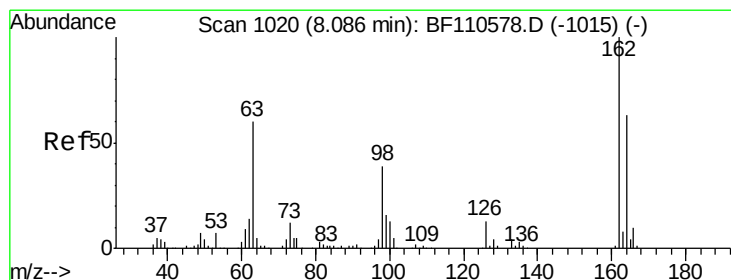
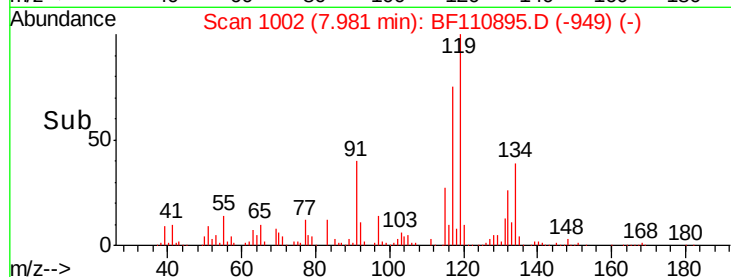
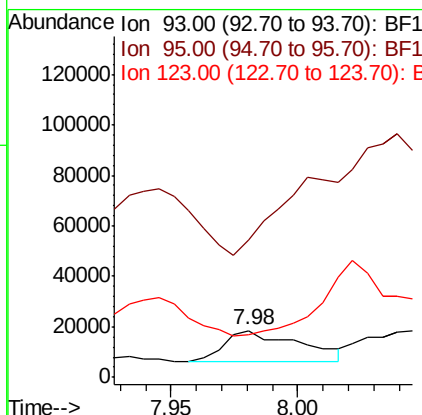
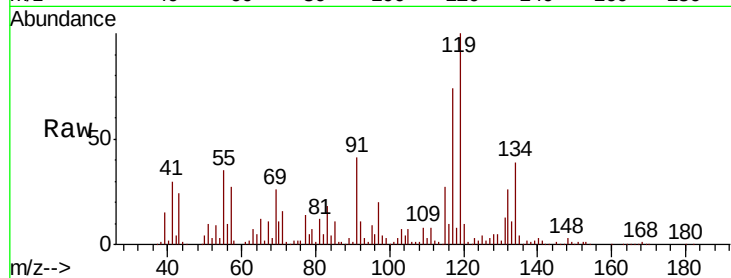
Tot Ion: 93 Resp: 25448

Ion Ratio Lower Upper

93 100

95 293.8 26.4 39.6#

123 92.1 9.0 13.6#



#29

2,4-Dichlorophenol

Concen: 8.721 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

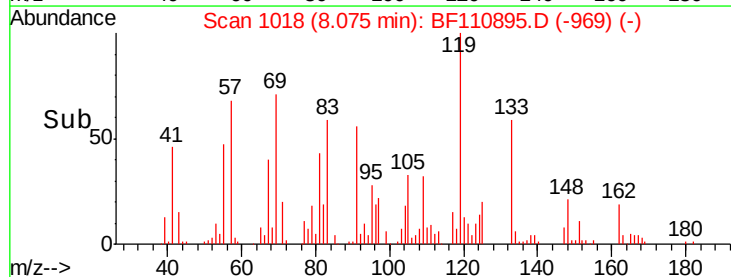
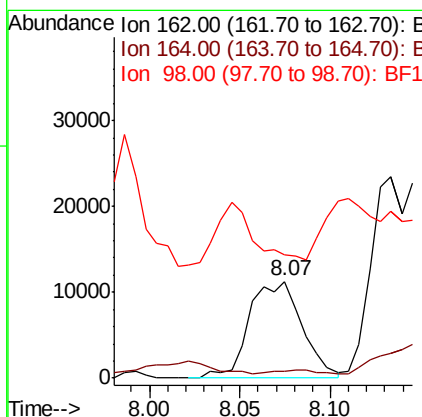
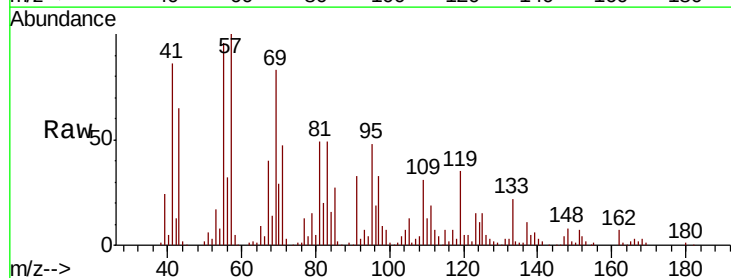
Tgt Ion: 162 Resp: 22807

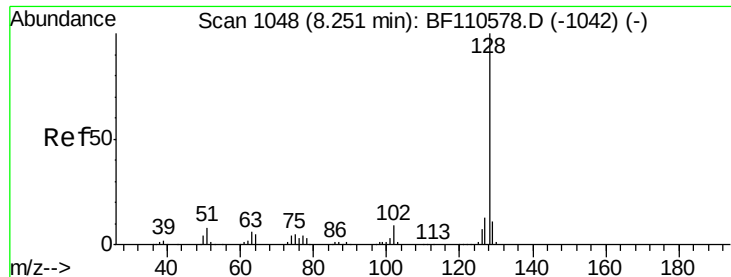
Ion Ratio Lower Upper

162 100

164 6.4 44.6 84.6#

98 127.1 17.4 57.4#





#31

Naphthalene

Concen: 5.079 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

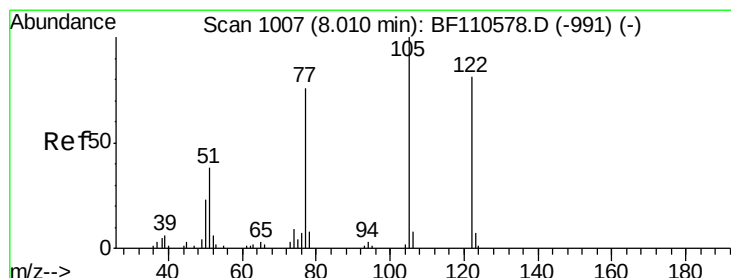
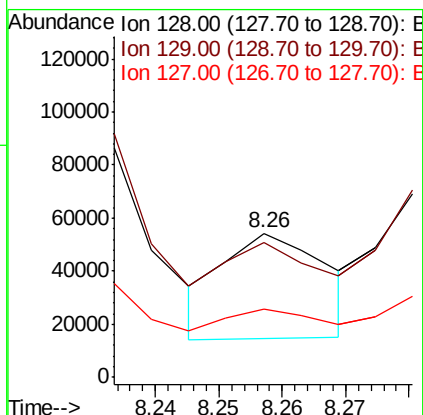
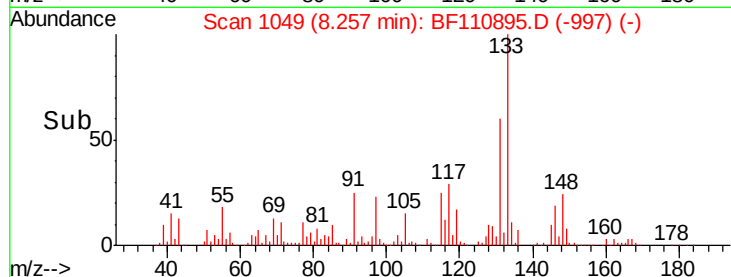
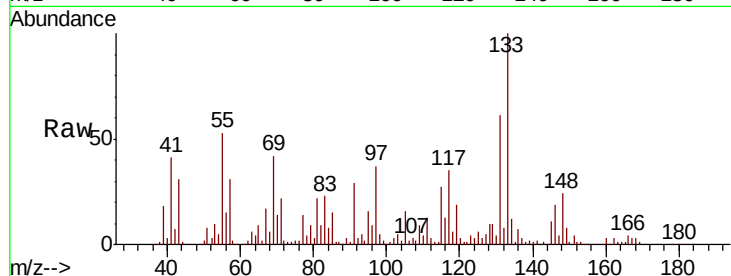
Tot Ion:128 Resp: 44834

Ion Ratio Lower Upper

128 100

129 93.4 8.8 13.2#

127 47.6 10.8 16.2#



#32

Benzoic acid

Concen: 9.932 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

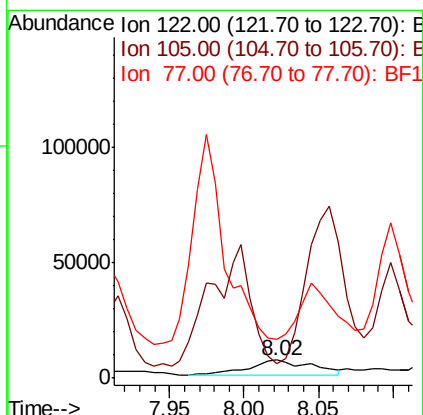
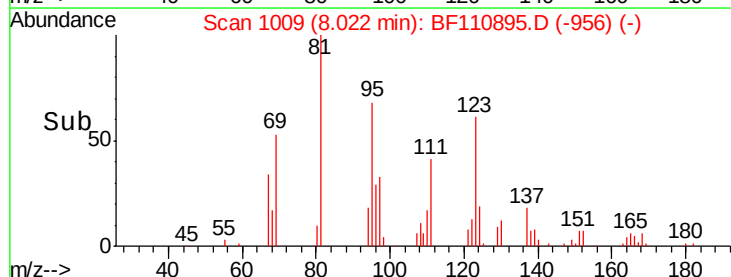
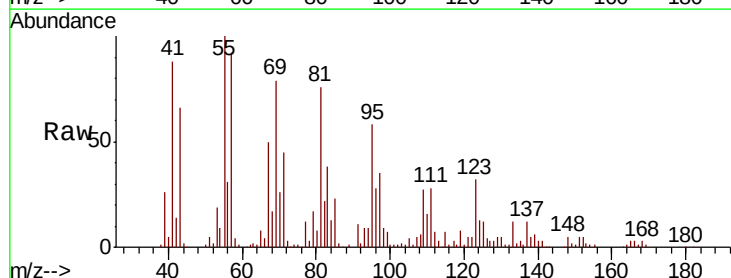
Tgt Ion:122 Resp: 17860

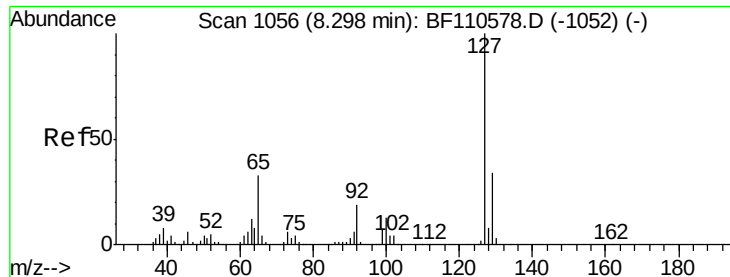
Ion Ratio Lower Upper

122 100

105 82.6 109.0 149.0#

77 219.7 79.0 119.0#

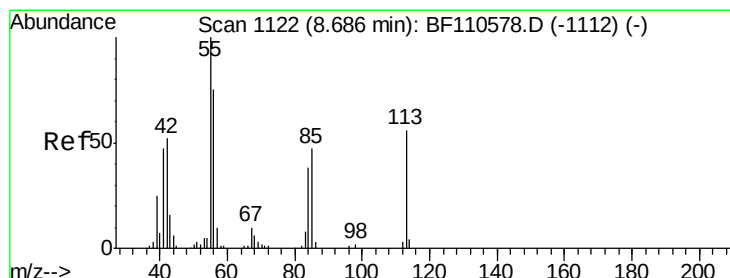
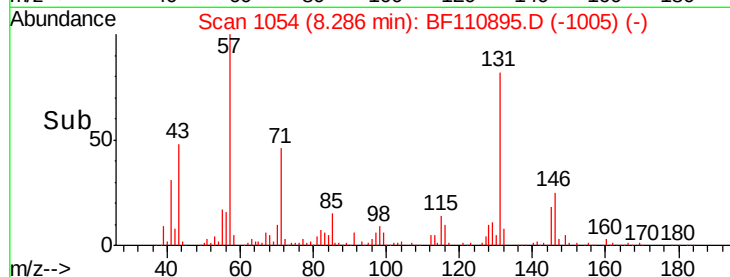
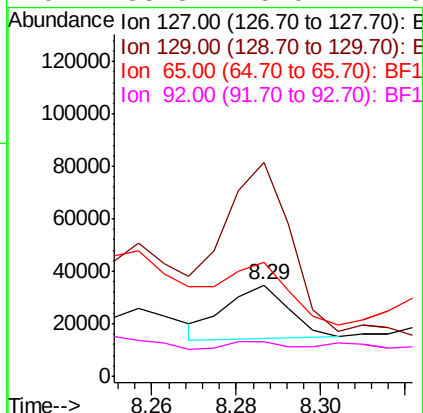
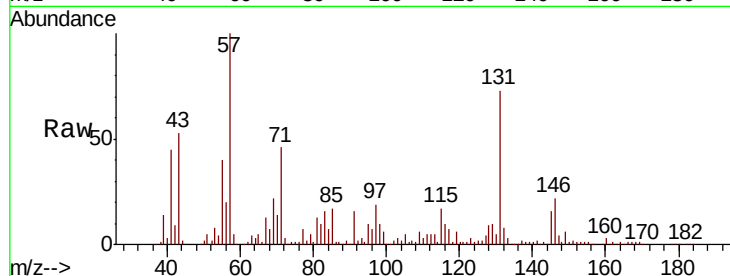




#33
 4-Chloroaniline
 Concen: 5.333 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

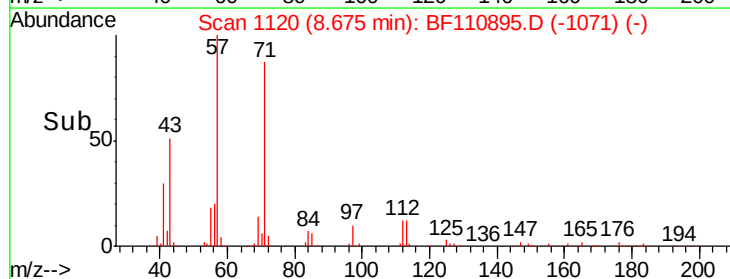
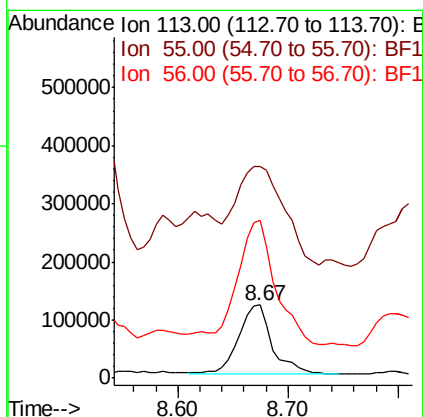
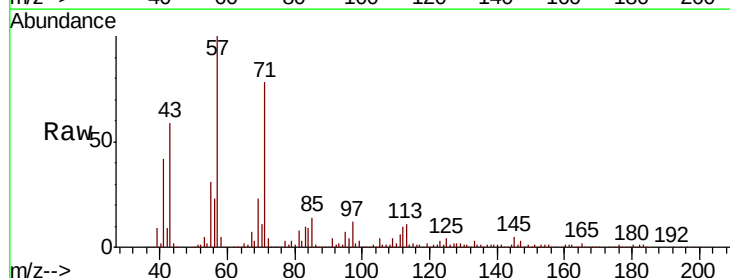
Instrument :
 BNA_F
 ClientSampled :

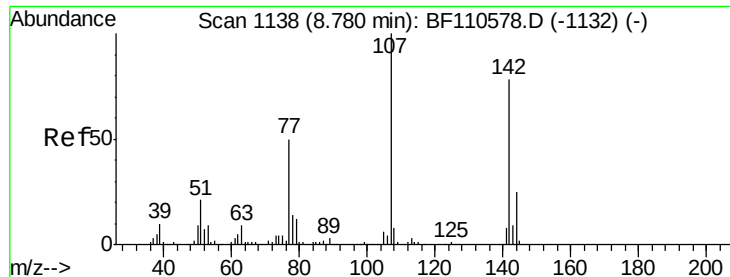
Tot Ion:	127	Resp:	21322
Ion	Ratio	Lower	Upper
127	100		
129	233.6	26.0	39.0#
65	125.1	25.1	37.7#
92	38.3	15.0	22.6#



#35
 Caprolactam
 Concen: 293.418 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

Tgt Ion:	113	Resp:	256366
Ion	Ratio	Lower	Upper
113	100		
55	290.4	142.8	182.8#
56	217.4	105.0	145.0#

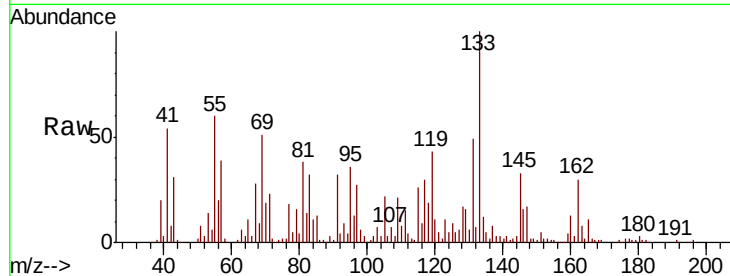




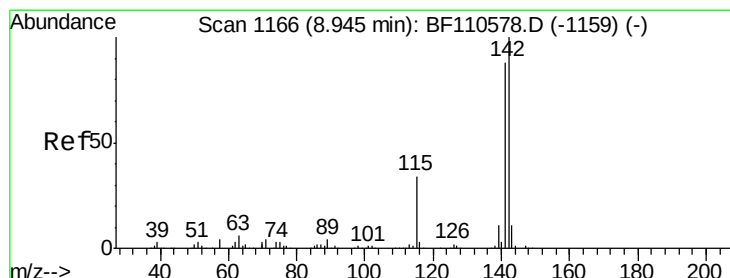
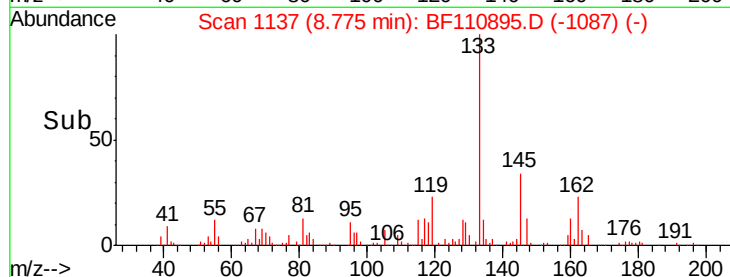
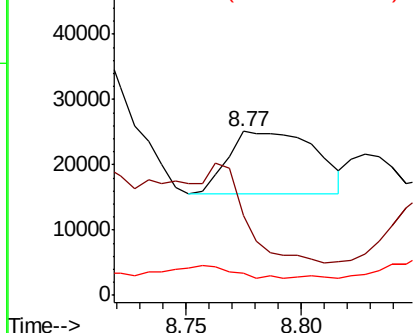
#36
 4-Chloro-3-methylphenol
 Concen: 8.885 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 25059
 Ion Ratio Lower Upper
 107 100
 144 48.6 20.0 30.0#
 142 13.5 59.7 89.5#

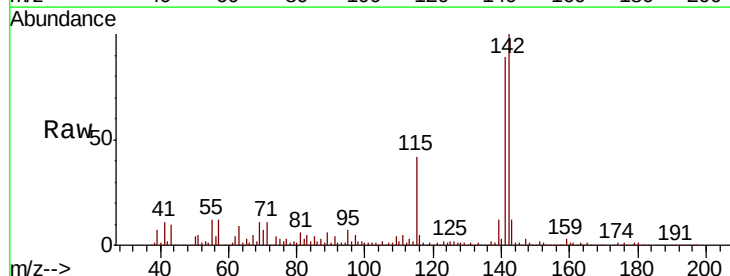


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

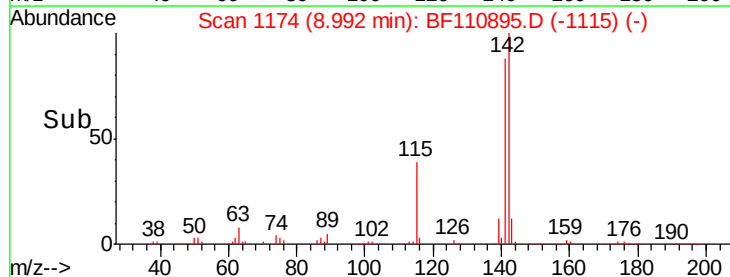
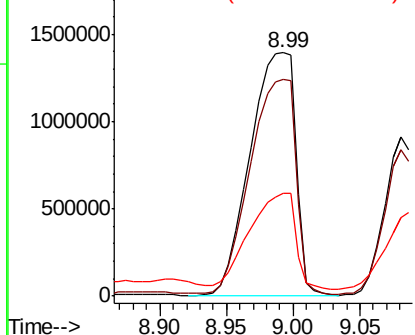


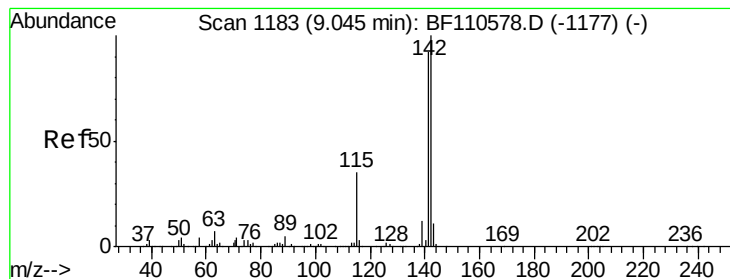
#37
 2-Methylnaphthalene
 Concen: 569.028 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.05 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

Tgt Ion:142 Resp: 3292690
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 42.3 28.7 43.1



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





#38

1-Methylnaphthalene

Concen: 346.923 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

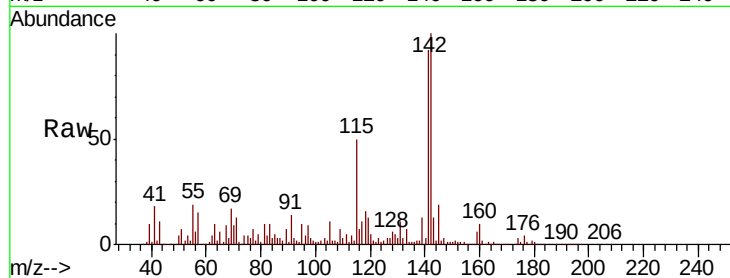
Tot Ion:142 Resp: 1930610

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4

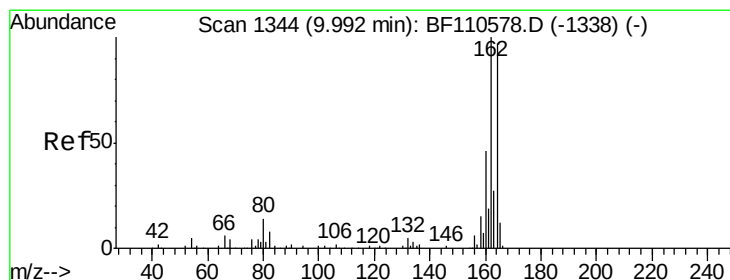
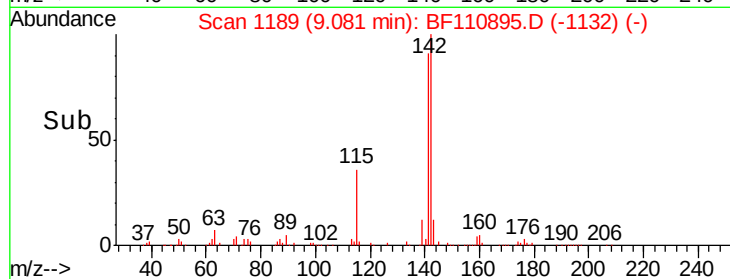
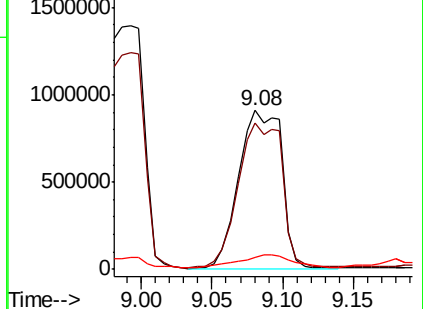
116 7.3 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

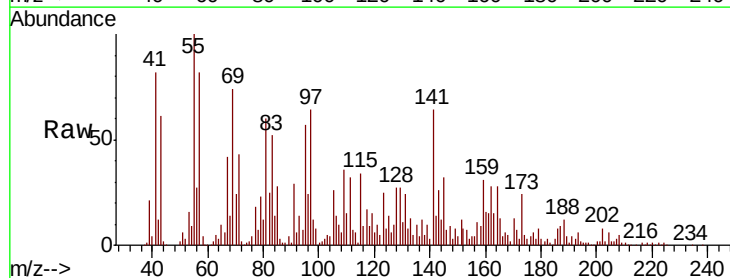
Tgt Ion:164 Resp: 92756

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

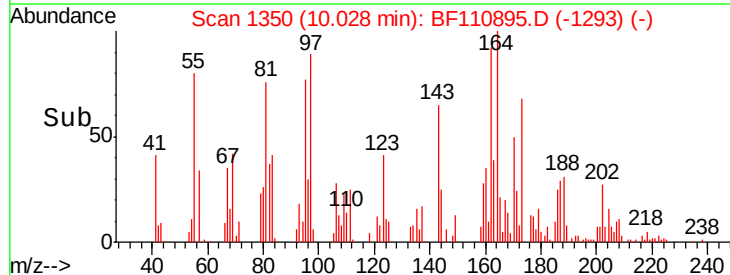
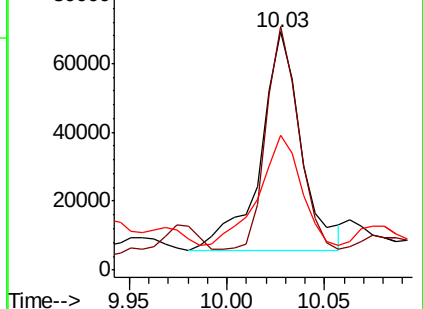
160 56.7 37.0 55.6#

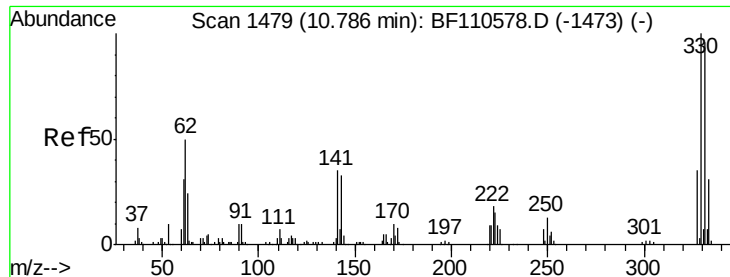


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

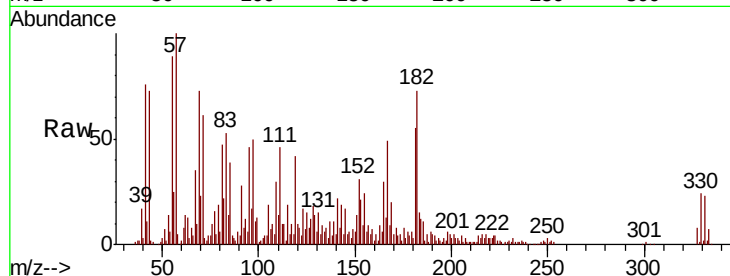




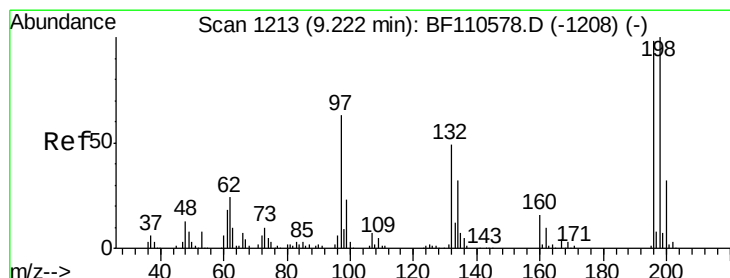
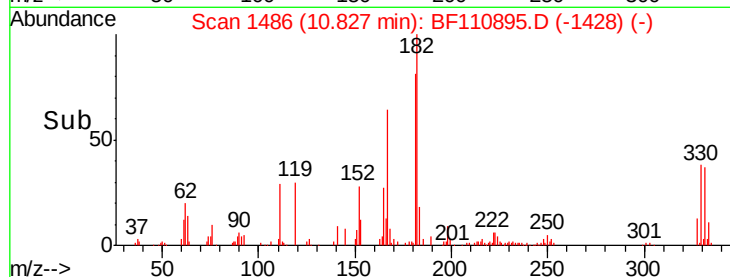
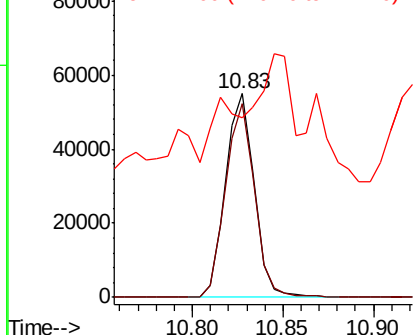
#42
 2,4,6-Tribromophenol
 Concen: 65.227 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.04 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 60963
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 30.0 27.0 40.4

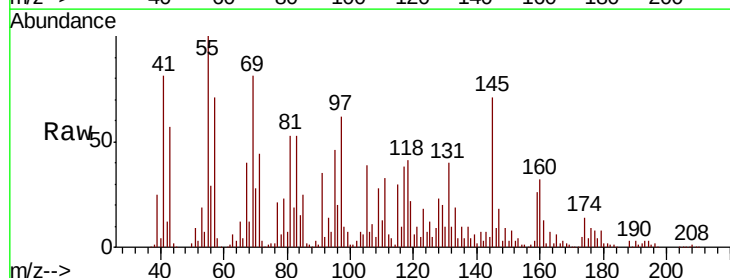


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

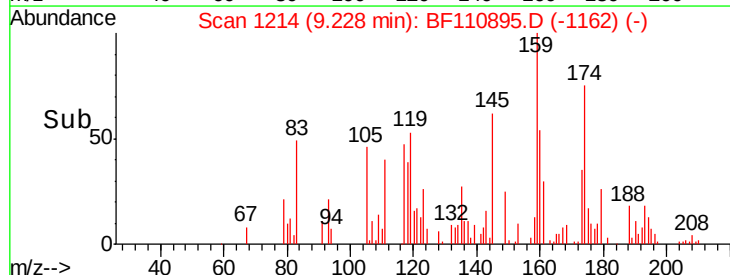
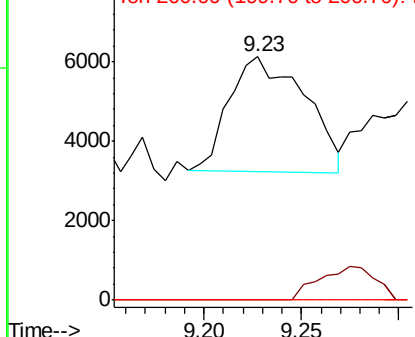


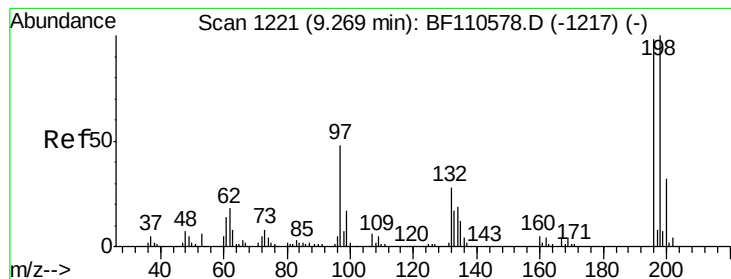
#43
 2,4,6-Trichlorophenol
 Concen: 4.225 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

Tgt Ion:196 Resp: 7795
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 200 0.0 24.4 36.6#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

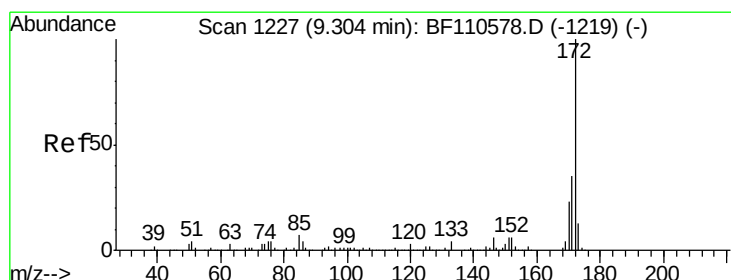
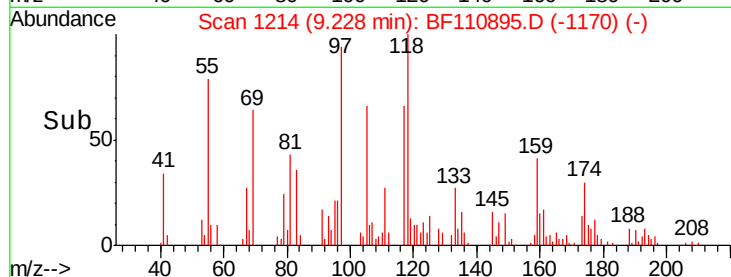
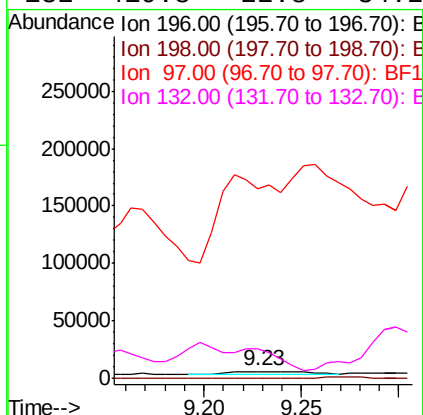
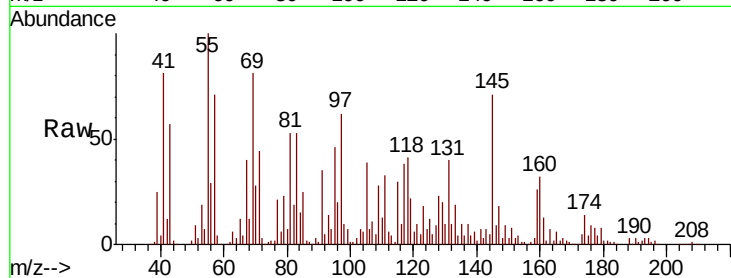




#44
 2,4,5-Trichlorophenol
 Concen: 3.896 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.04 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

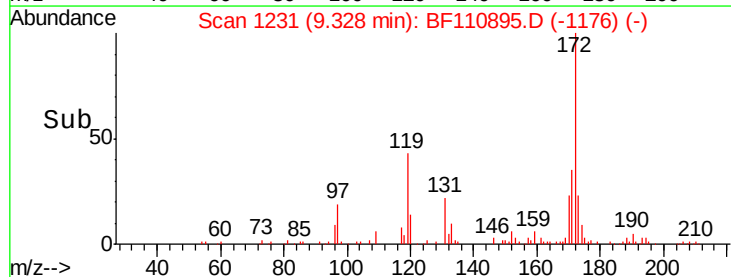
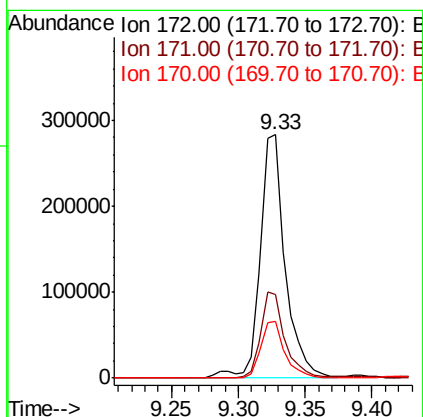
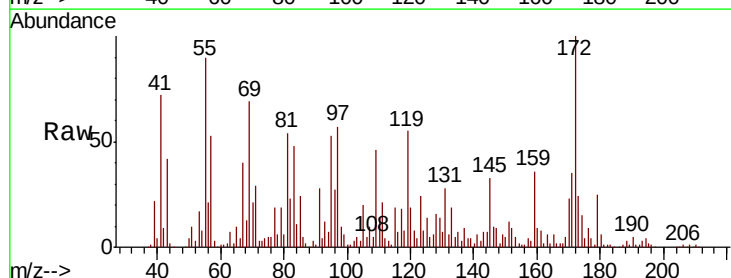
Instrument :
 BNA_F
 ClientSampleId :

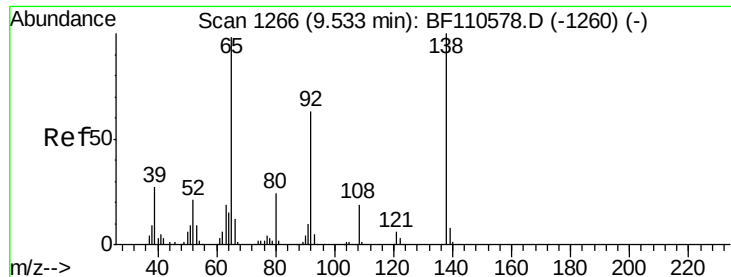
Tot Ion:196 Resp: 7667
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.8 113.6#
 97 2688.9 42.4 63.6#
 132 419.8 22.8 34.2#



#45
 2-Fluorobiphenyl
 Concen: 56.094 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: BF110895.D
 Acq: 20 Nov 2018 15:39

Tgt Ion:172 Resp: 364316
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 43.0
 170 23.3 19.7 29.5

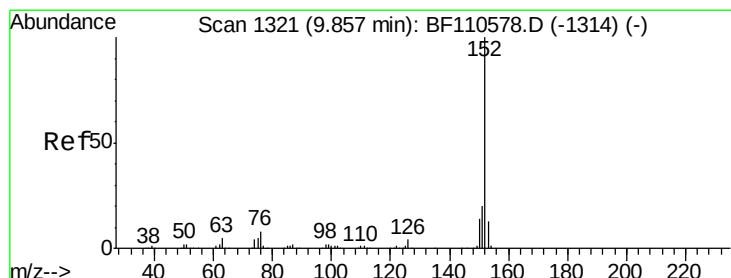
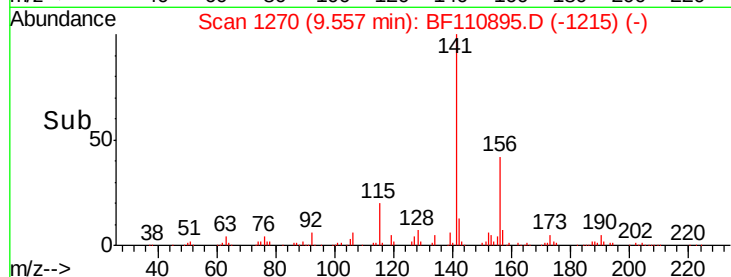
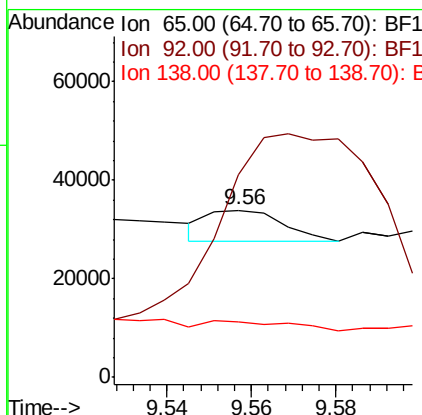
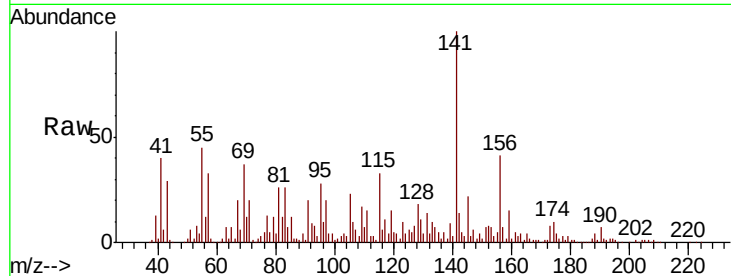




#48
2-Nitroaniline
Concen: 4.084 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

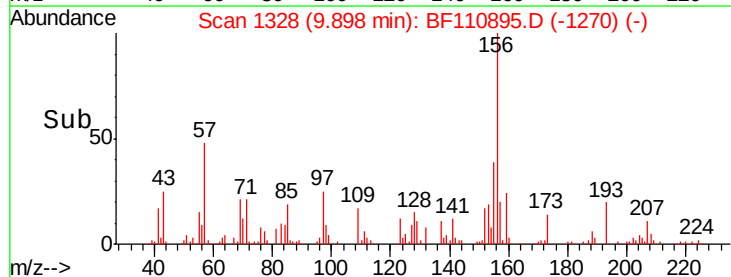
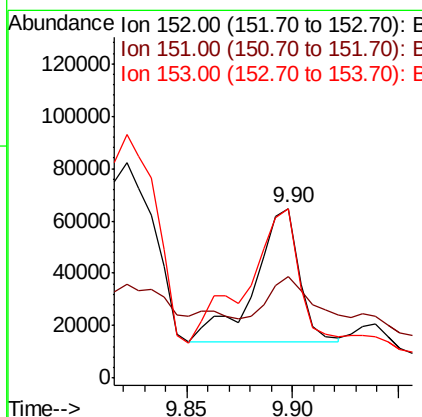
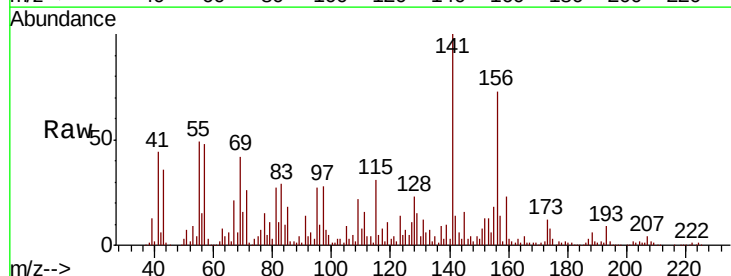
Instrument :
BNA_F
ClientSampleId :

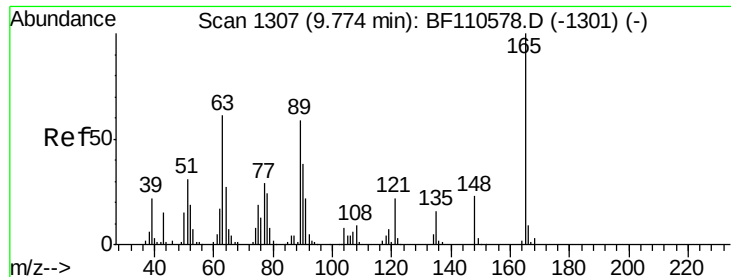
Tot Ion: 65 Resp: 7845
Ion Ratio Lower Upper
65 100
92 121.2 54.6 81.8#
138 33.2 80.3 120.5#



#49
Acenaphthylene
Concen: 8.316 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion: 152 Resp: 74653
Ion Ratio Lower Upper
152 100
151 59.7 15.8 23.8#
153 99.8 10.4 15.6#





#51

2,6-Dinitrotoluene

Concen: 7.440 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

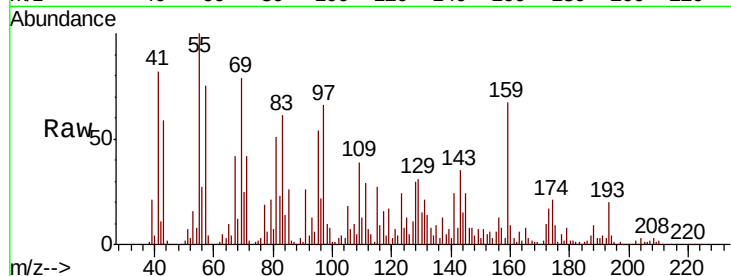
Tot Ion:165 Resp: 11327

Ion Ratio Lower Upper

165 100

63 61.1 48.9 73.3

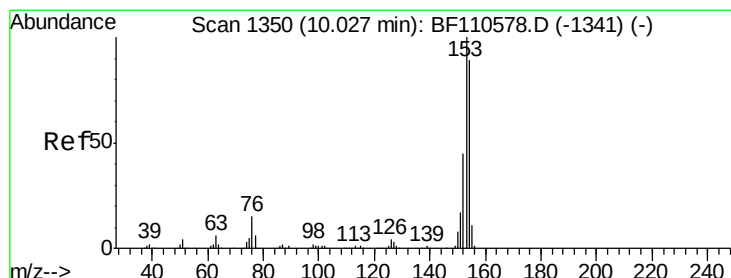
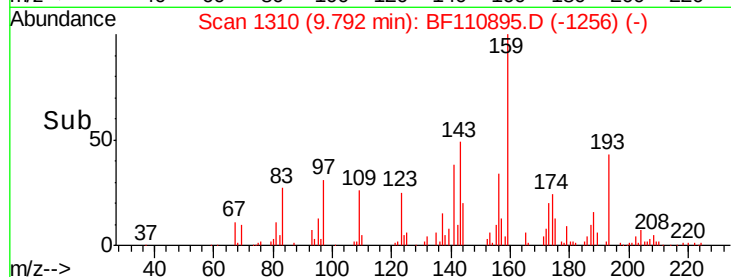
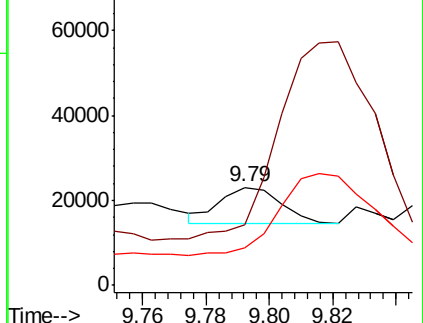
89 37.7 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 27.961 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

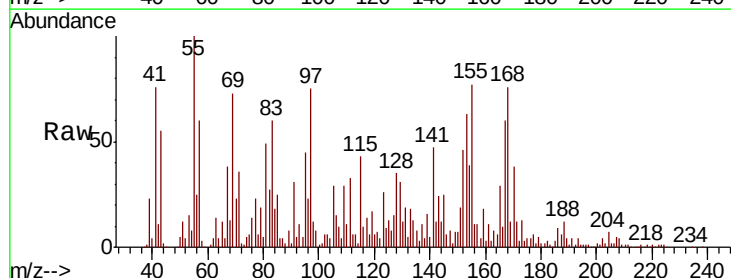
Tgt Ion:154 Resp: 158638

Ion Ratio Lower Upper

154 100

153 163.7 90.1 135.1#

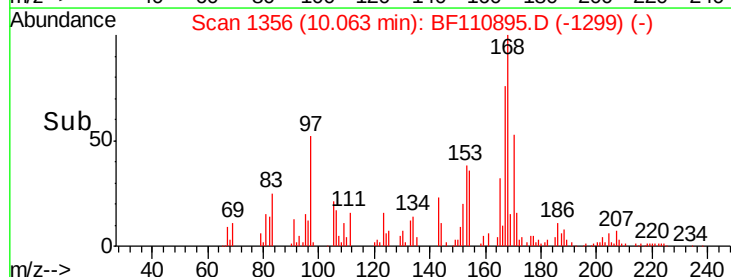
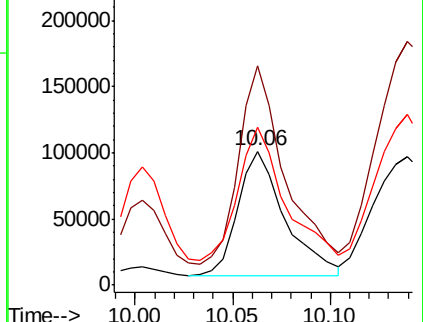
152 117.8 43.4 65.2#

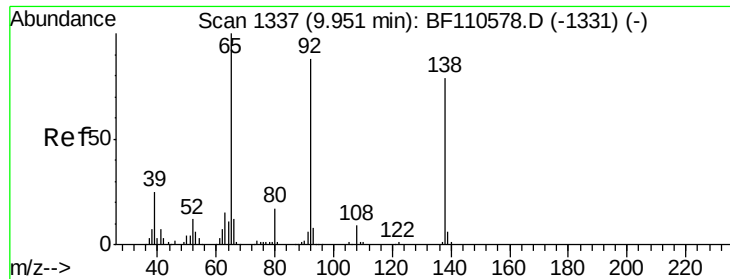


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

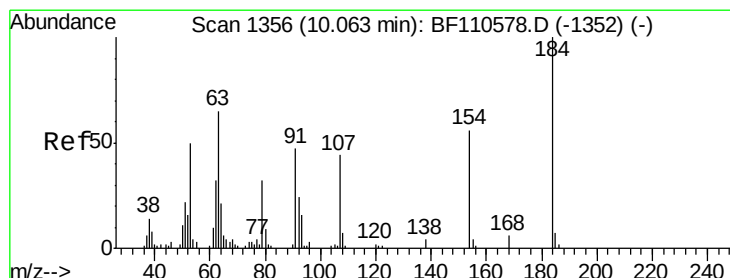
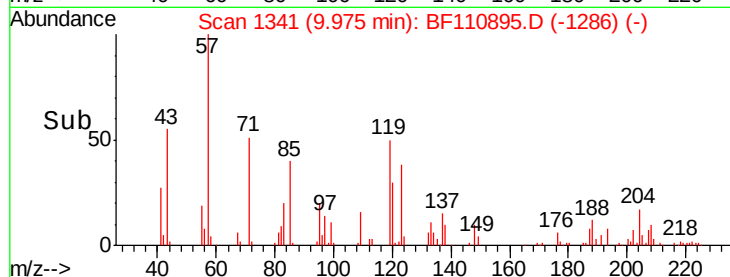
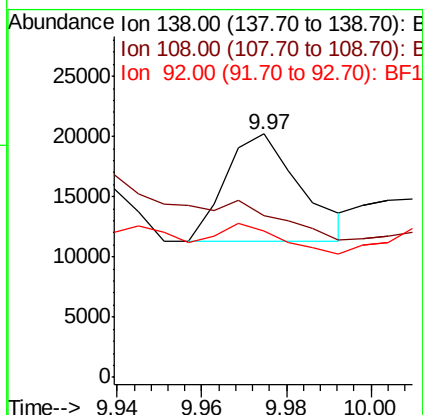
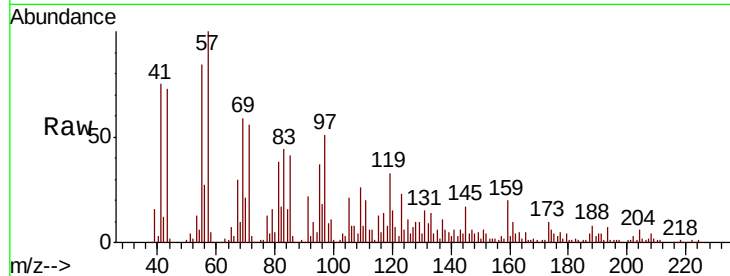




#53
3-Nitroaniline
Concen: 6.258 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

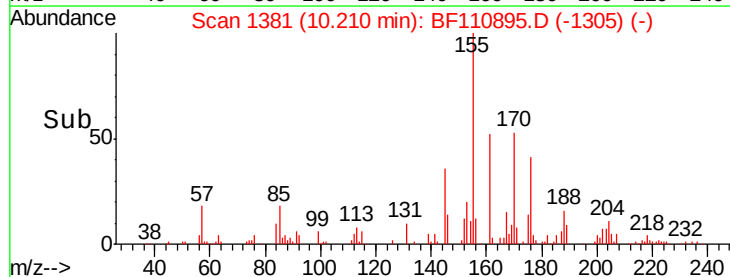
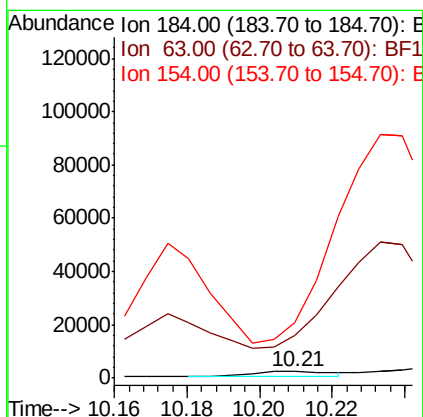
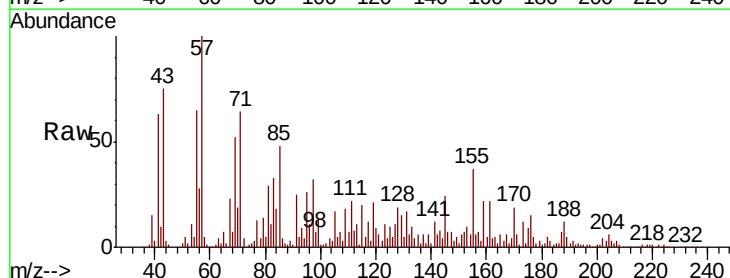
Instrument :
BNA_F
ClientSampled :

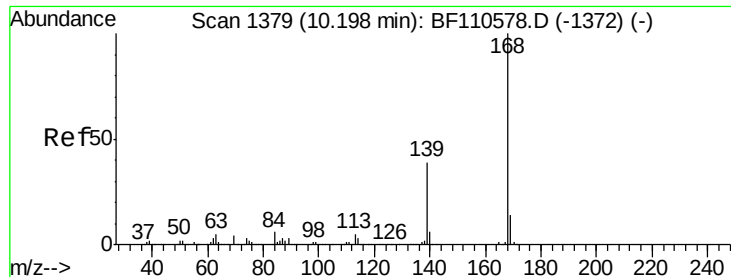
Tot Ion:138 Resp: 11039
Ion Ratio Lower Upper
138 100
108 66.5 8.7 13.1#
92 60.1 97.0 145.4#



#54
2,4-Dinitrophenol
Concen: 9.368 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.15 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:184 Resp: 3007
Ion Ratio Lower Upper
184 100
63 677.6 55.8 83.6#
154 882.9 63.2 94.8#

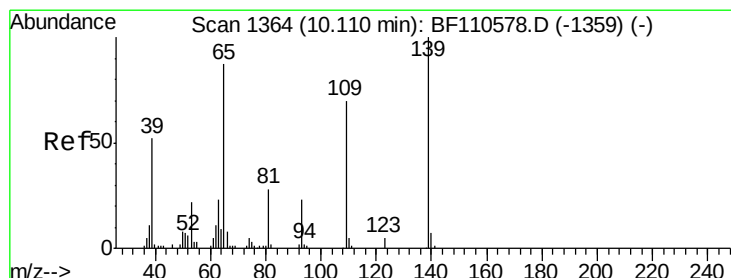
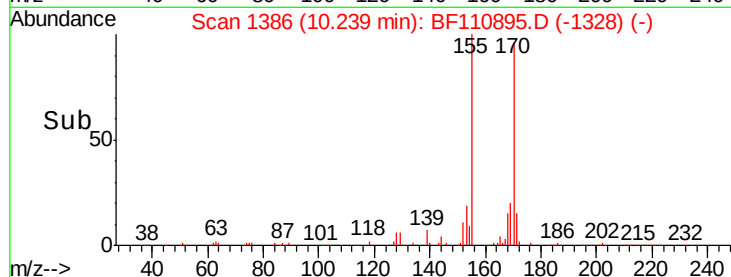
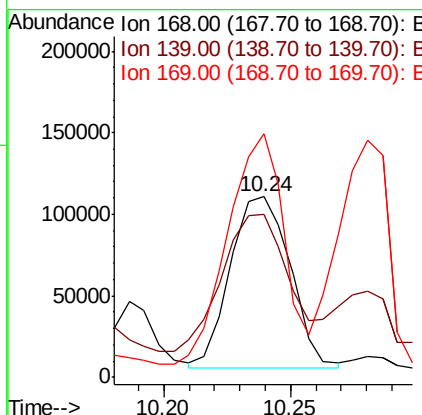
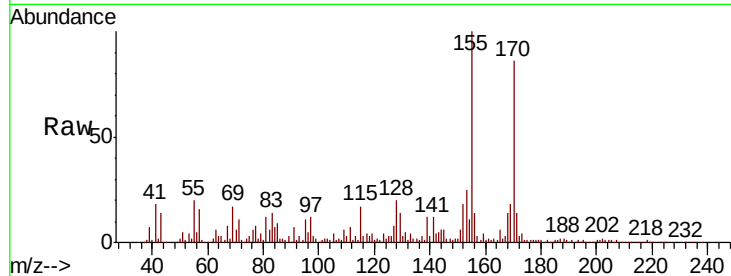




#55
Dibenzofuran
Concen: 20.661 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

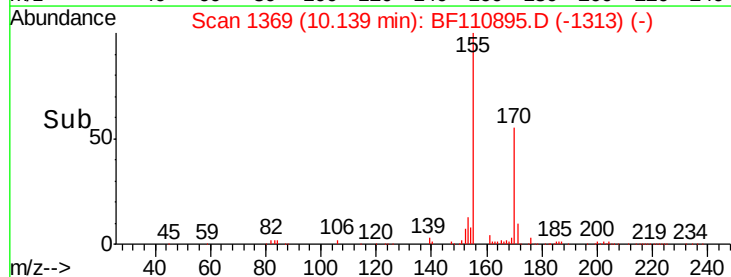
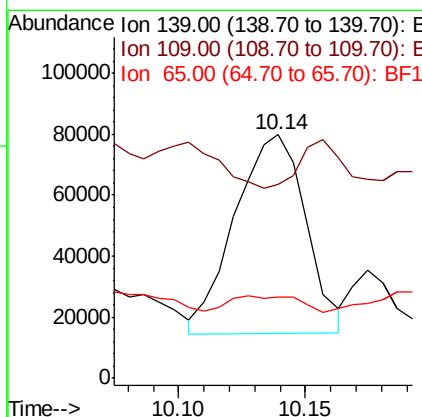
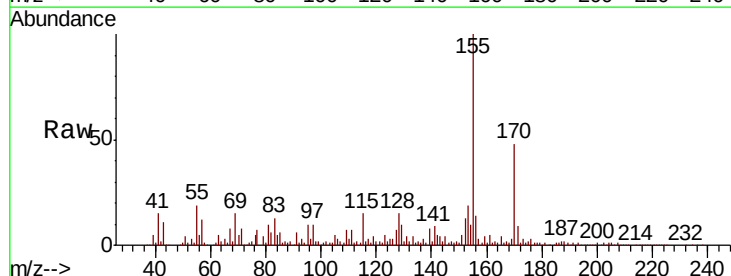
Instrument :
BNA_F
ClientSampleId :

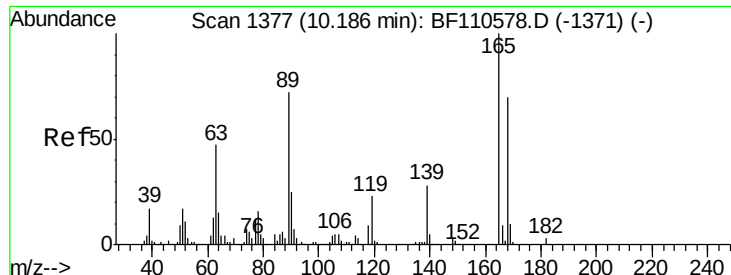
Tot Ion:168 Resp: 171500
Ion Ratio Lower Upper
168 100
139 90.6 33.0 49.6#
169 134.8 11.3 16.9#



#56
4-Nitrophenol
Concen: 108.405 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:139 Resp: 126859
Ion Ratio Lower Upper
139 100
109 79.7 55.8 95.8
65 33.3 77.9 117.9#

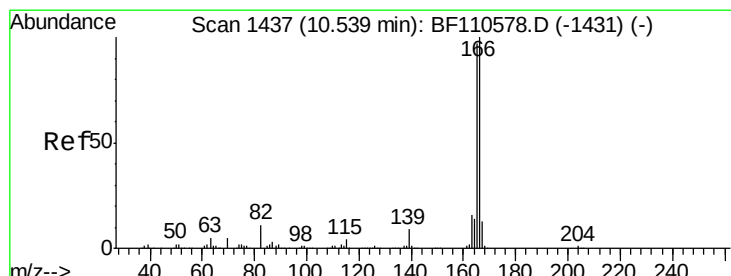
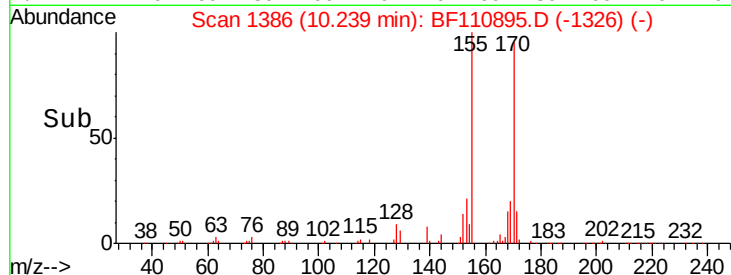
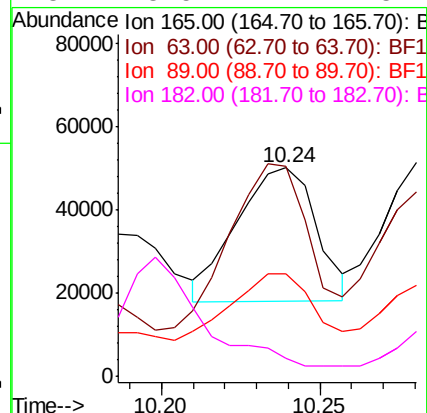
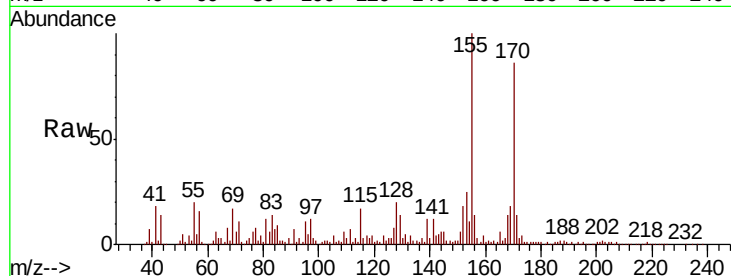




#57
2,4-Dinitrotoluene
Concen: 28.341 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.05 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

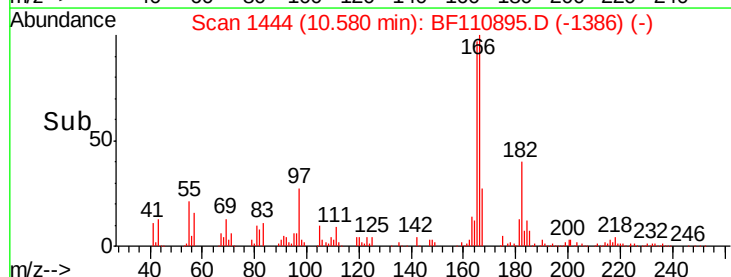
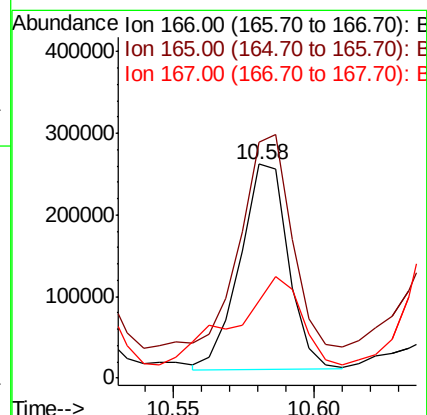
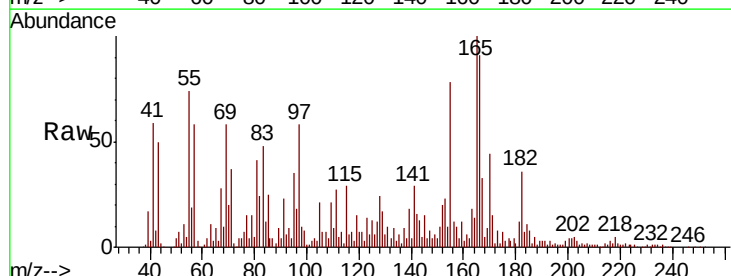
Instrument :
BNA_F
ClientSampleId :

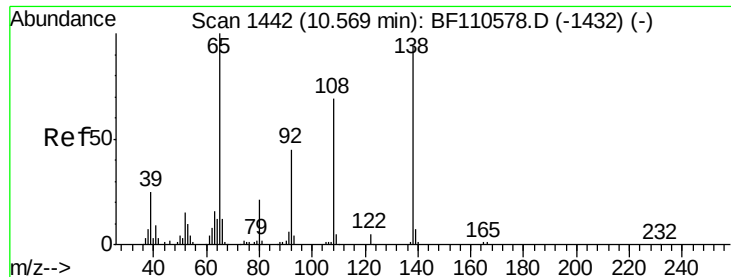
Tot Ion	Ratio	Lower	Upper
165	100		
63	100.5	44.8	67.2#
89	49.1	62.2	93.4#
182	8.5	2.1	3.1#



#58
Fluorene
Concen: 47.230 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.1	78.6	117.8
167	36.3	10.8	16.2#





#62

4-Nitroaniline

Concen: 9.546 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.08 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampled :

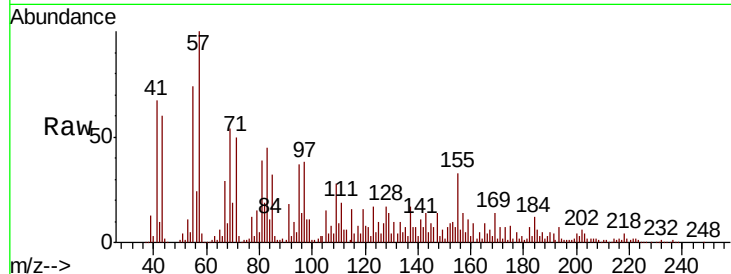
Tot Ion:138 Resp: 16956

Ion Ratio Lower Upper

138 100

92 46.6 31.7 71.7

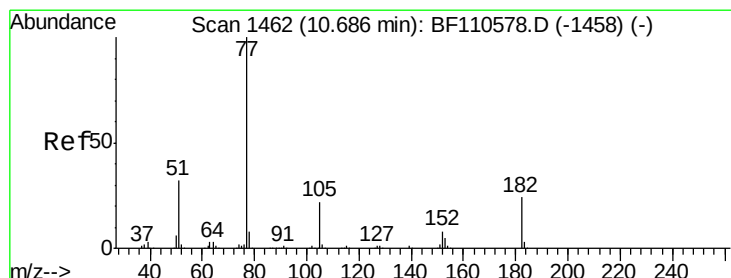
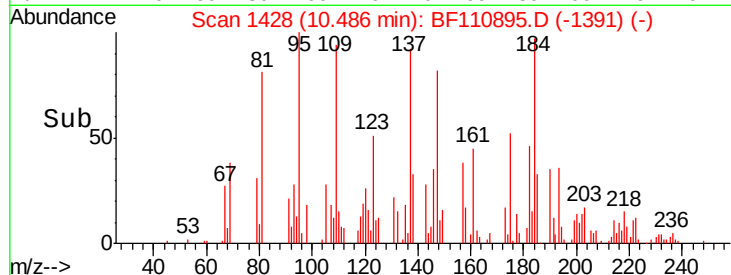
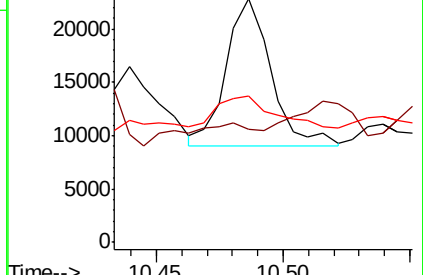
108 59.9 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 6.555 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.05 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Tgt Ion: 77 Resp: 43792

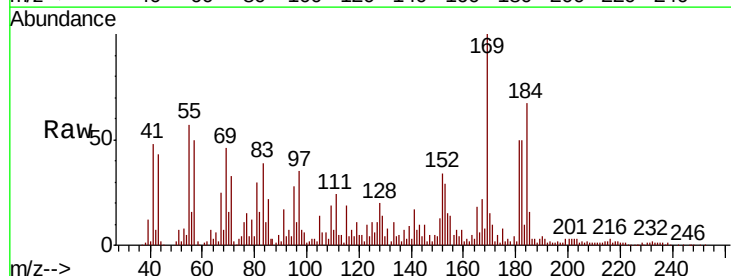
Ion Ratio Lower Upper

77 100

182 325.7 4.3 44.3#

105 88.1 1.3 41.3#

51 42.5 9.0 49.0

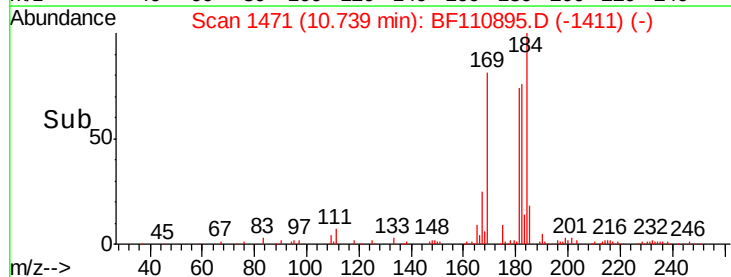
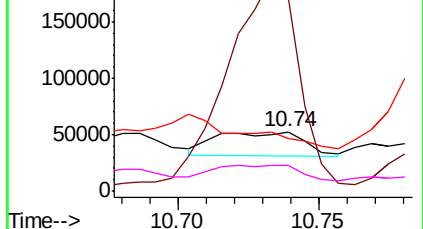


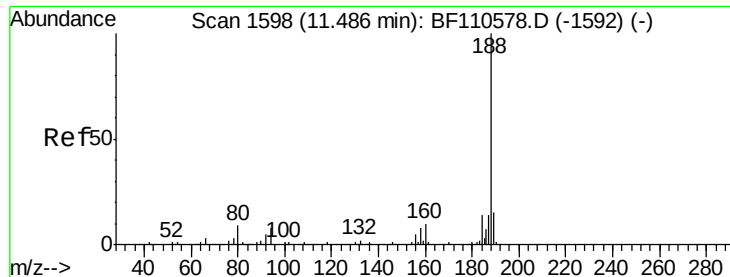
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

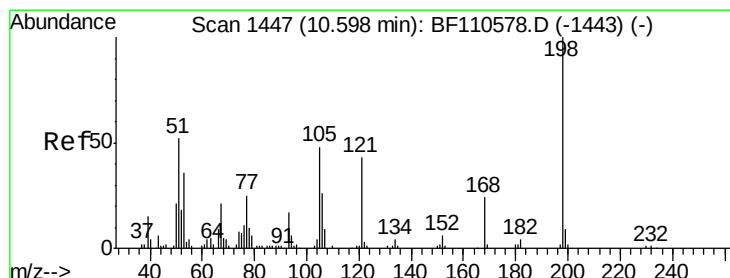
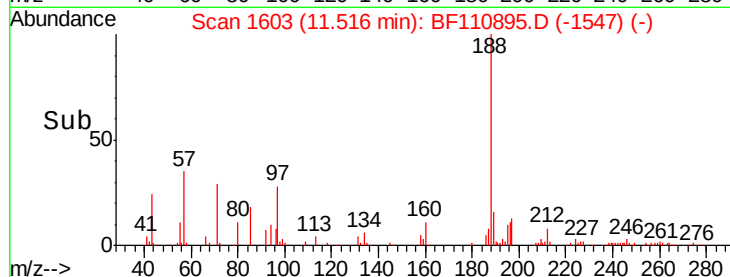
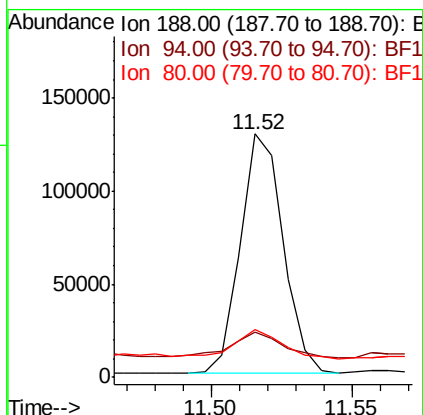
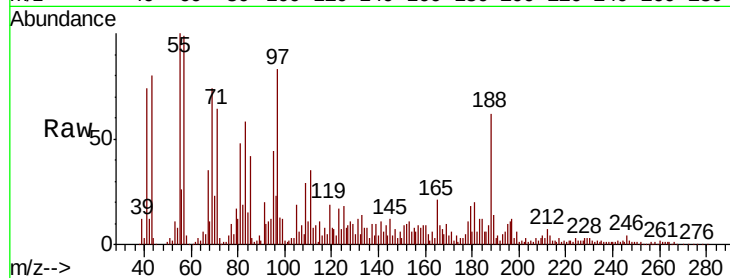




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.03 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

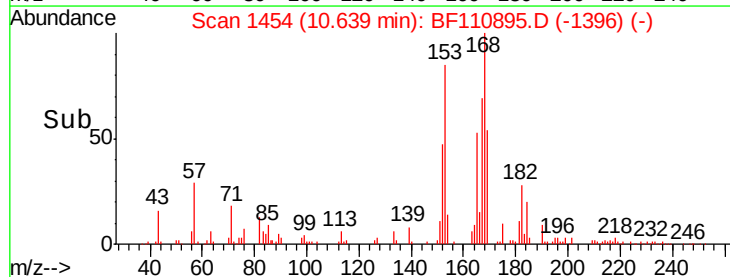
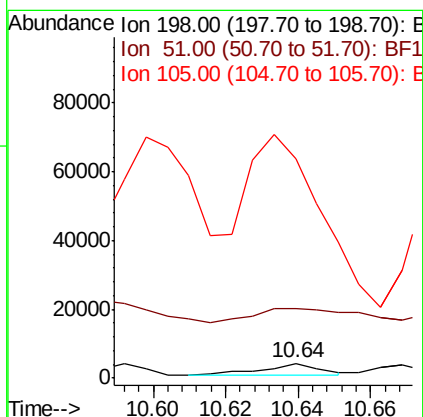
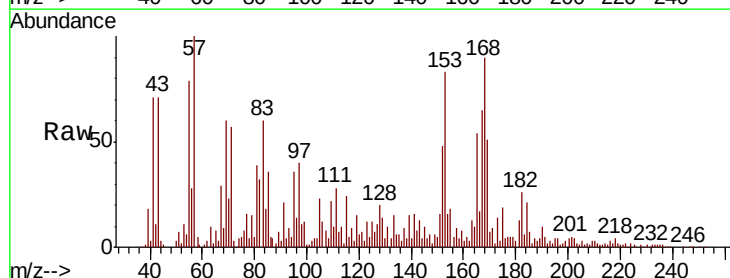
Instrument :
BNA_F
ClientSampleId :

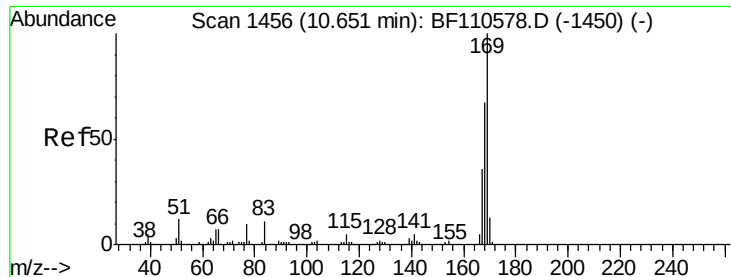
Tot Ion:188 Resp: 135384
Ion Ratio Lower Upper
188 100
94 18.6 7.2 10.8#
80 19.6 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.119 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.04 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:198 Resp: 3493
Ion Ratio Lower Upper
198 100
51 476.4 22.8 62.8#
105 1502.8 23.6 63.6#





#66

n-Nitrosodiphenylamine

Concen: 138.764 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampled :

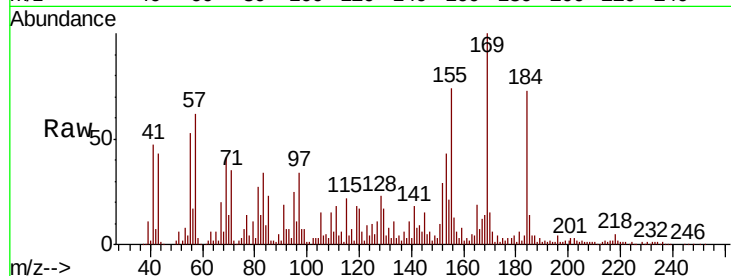
Tot Ion:169 Resp: 633226

Ion Ratio Lower Upper

169 100

168 14.1 51.2 76.8#

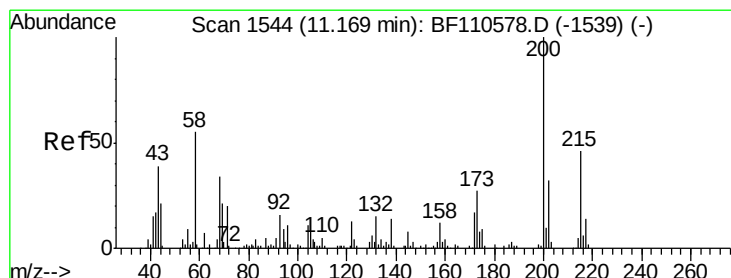
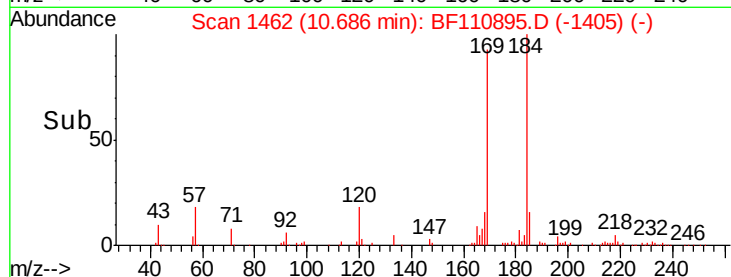
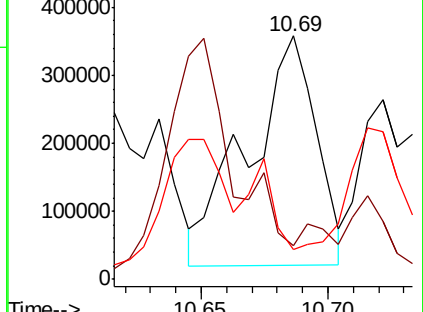
167 12.4 27.8 41.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Atrazine

Concen: 6.168 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

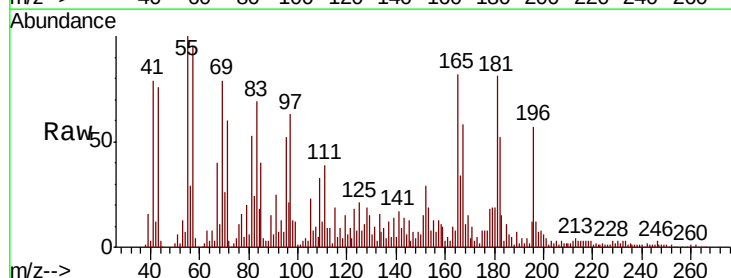
Tgt Ion:200 Resp: 8606

Ion Ratio Lower Upper

200 100

173 82.6 6.6 46.6#

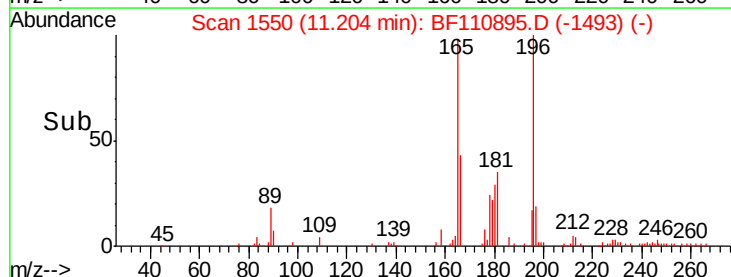
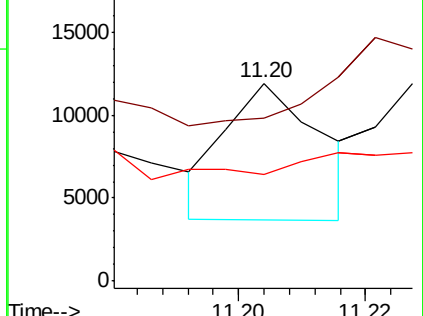
215 53.9 26.3 66.3

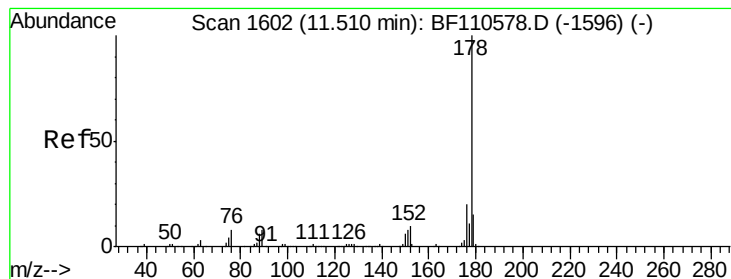


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 127.382 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

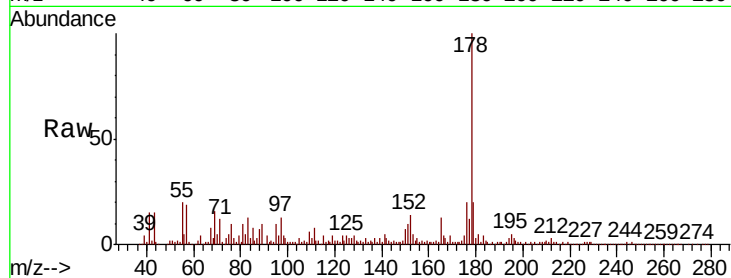
Tot Ion:178 Resp: 923923

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

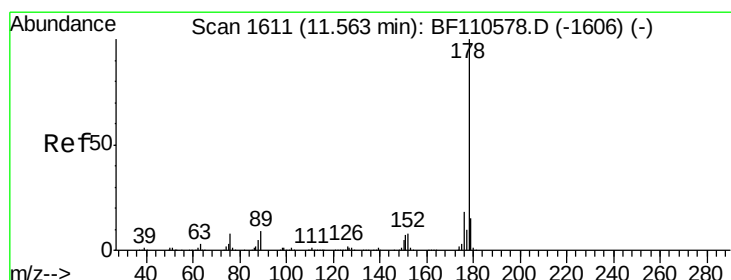
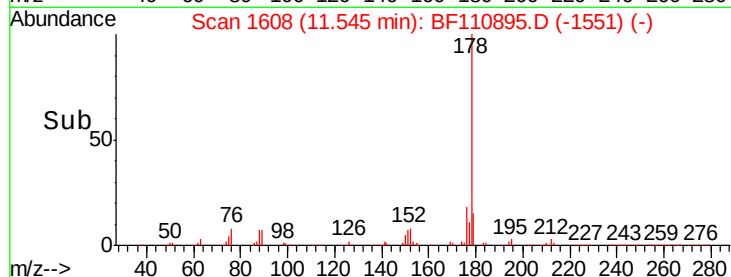
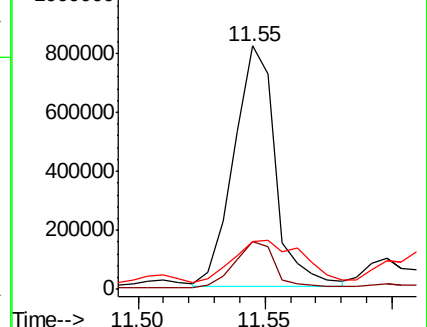
179 19.7 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 13.524 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.04 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

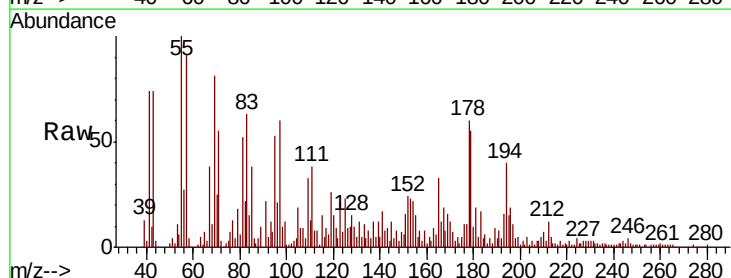
Tgt Ion:178 Resp: 98950

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

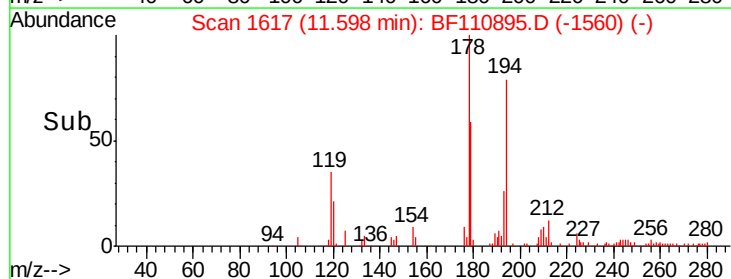
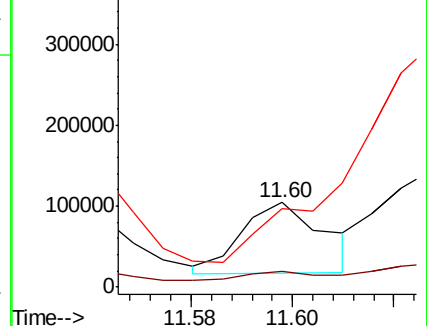
179 92.2 12.6 18.8#

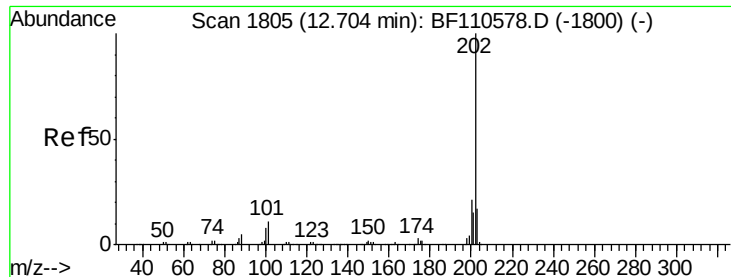


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 11.327 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.02 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampled :

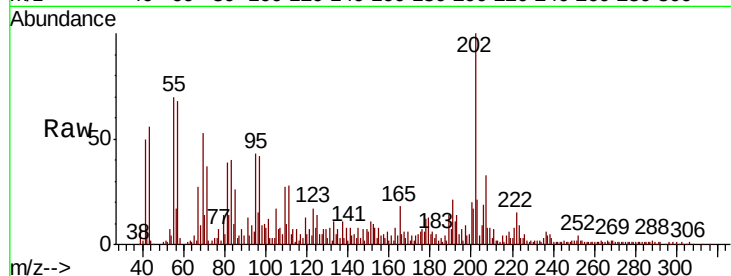
Tot Ion:202 Resp: 82370

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

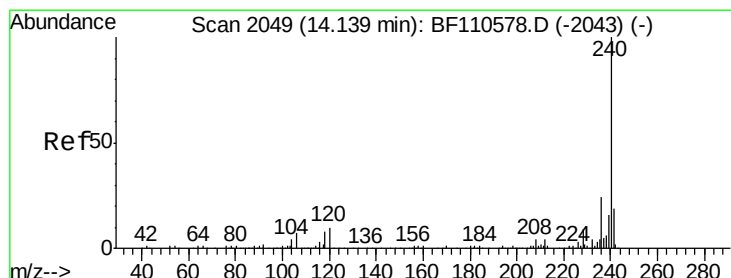
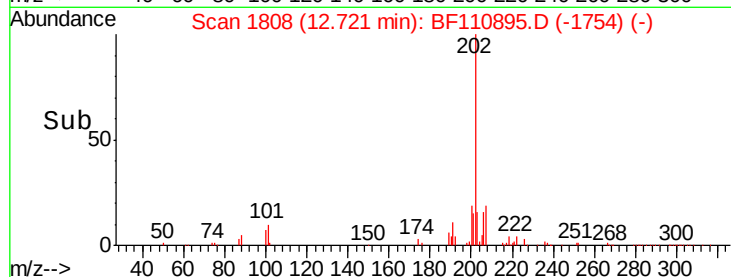
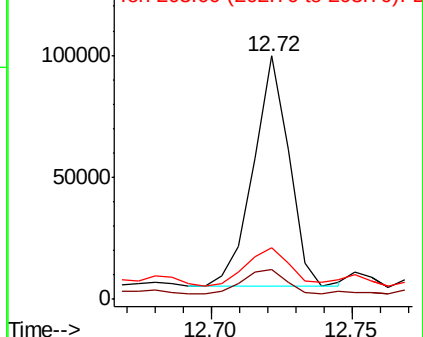
203 21.5 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

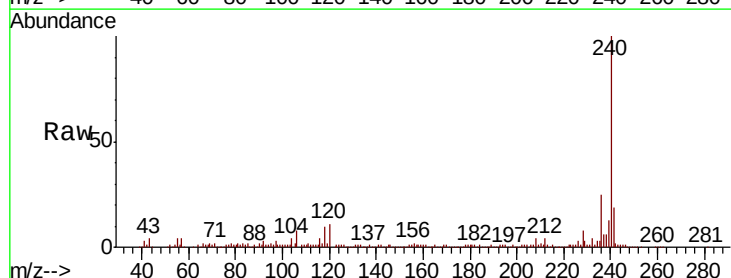
Tgt Ion:240 Resp: 173101

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

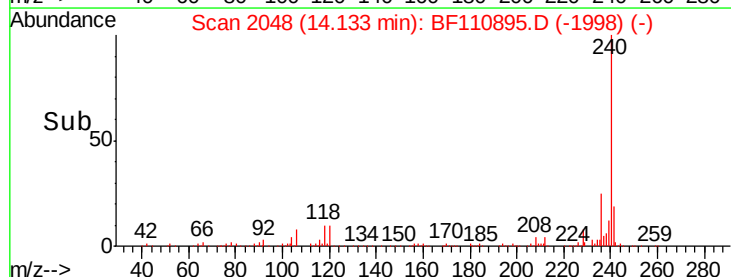
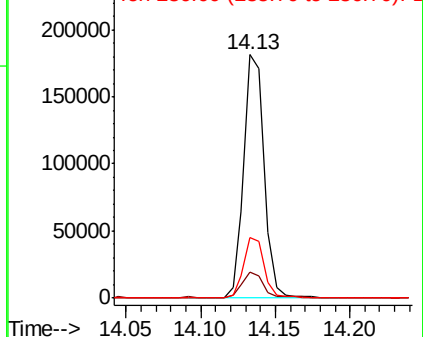
236 25.1 21.2 31.8

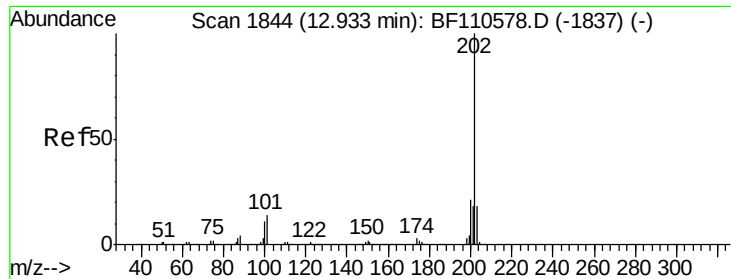


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 9.162 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.02 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

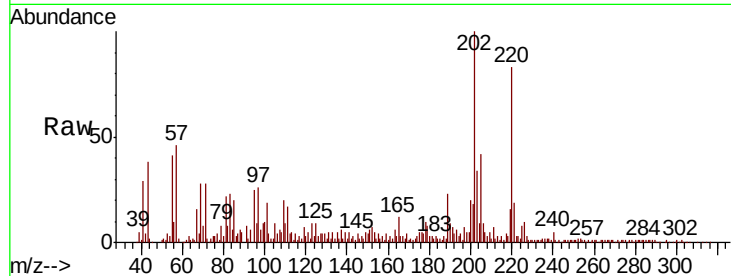
Tot Ion:202 Resp: 122110

Ion Ratio Lower Upper

202 100

200 19.6 17.8 26.6

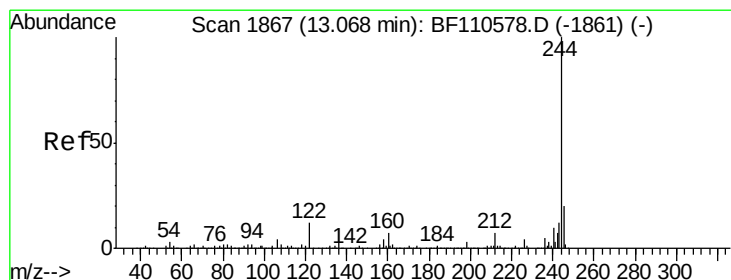
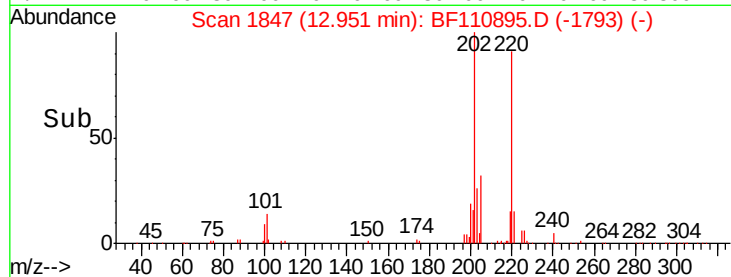
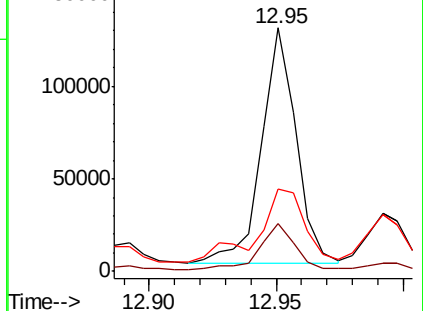
203 34.0 14.2 21.4#



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: 43.000 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

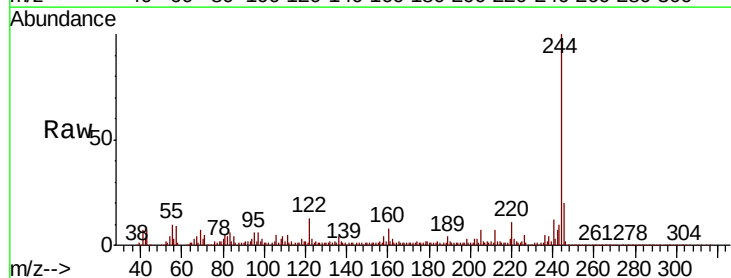
Tgt Ion:244 Resp: 397456

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

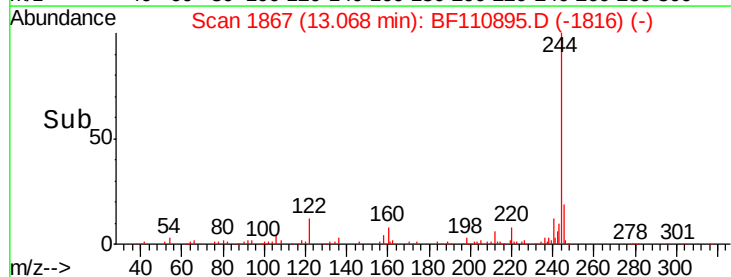
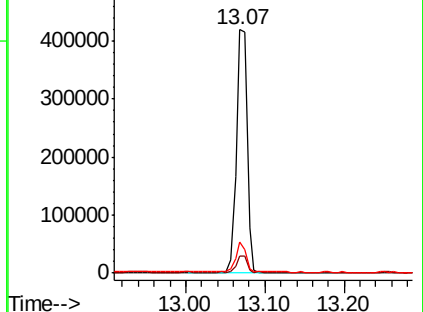
122 13.0 8.7 13.1

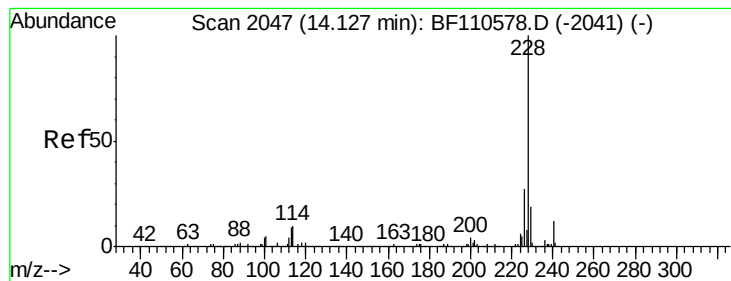


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 3.076 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

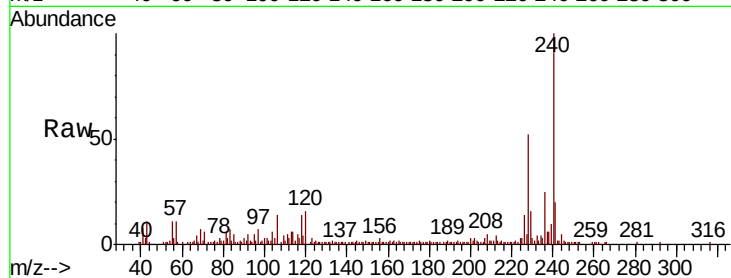
Tot Ion:228 Resp: 31825

Ion Ratio Lower Upper

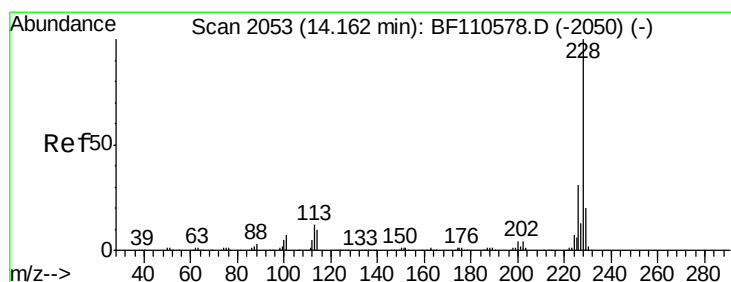
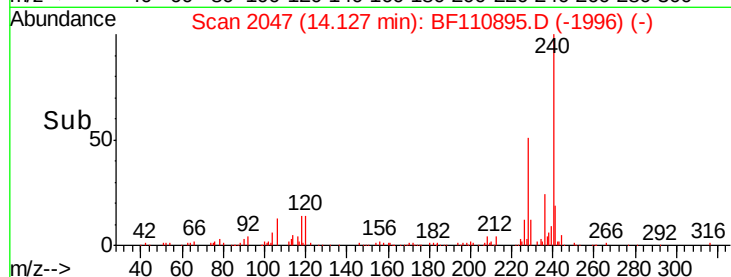
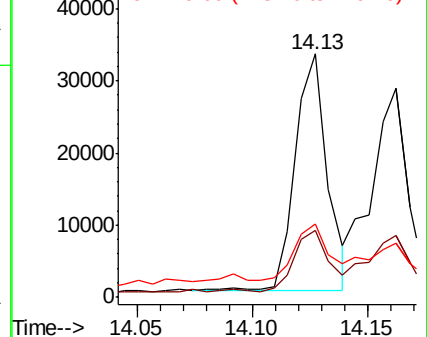
228 100

226 27.6 22.1 33.1

229 30.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.215 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

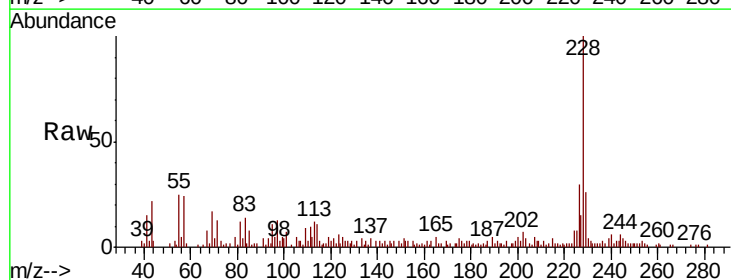
Tgt Ion:228 Resp: 31690

Ion Ratio Lower Upper

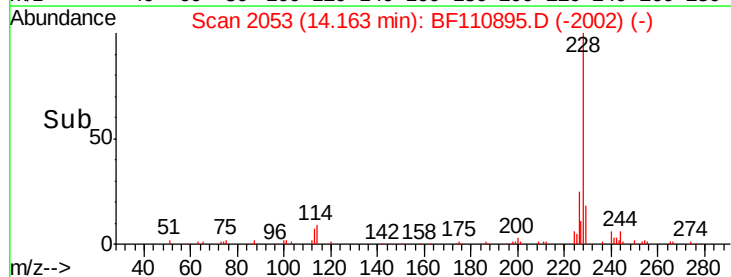
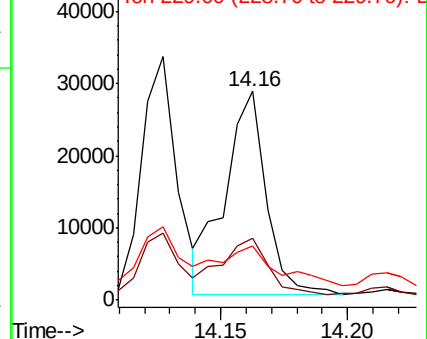
228 100

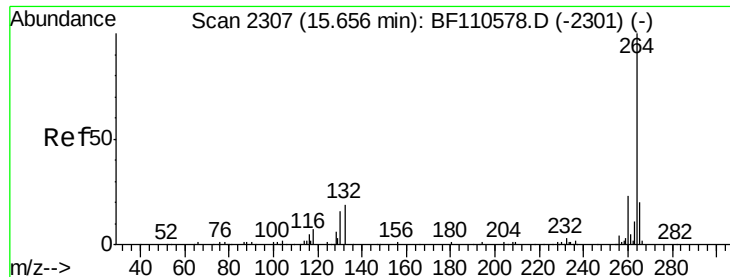
226 29.6 24.7 37.1

229 25.7 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

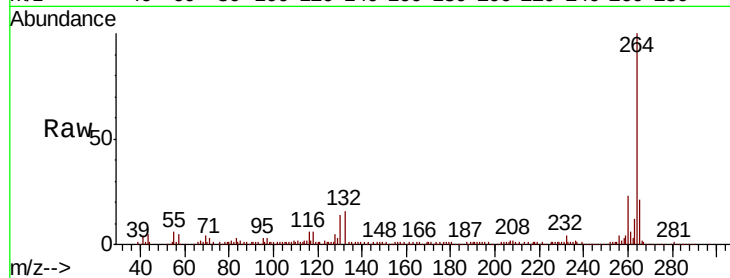
Tot Ion:264 Resp: 157760

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

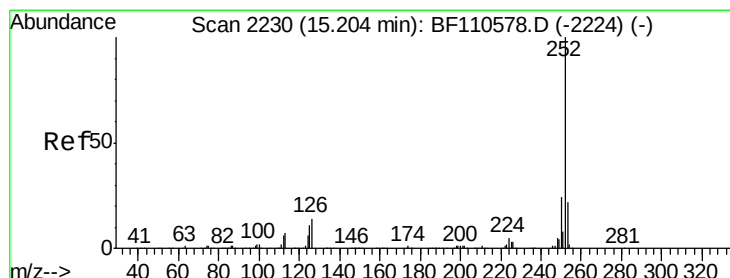
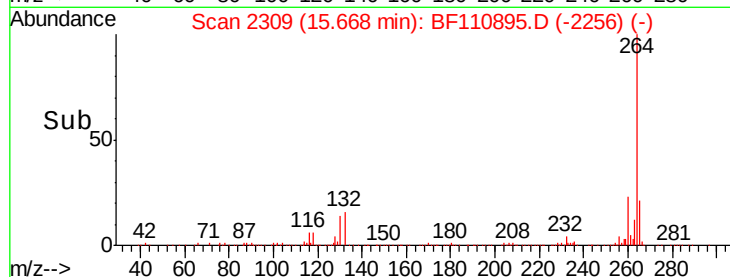
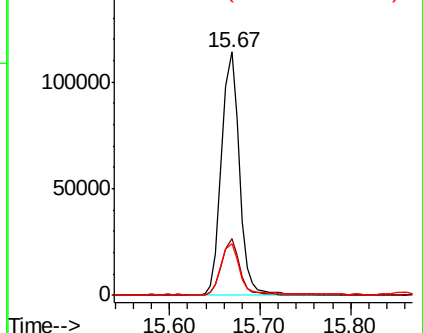
265 21.2 16.7 25.1



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



#88

Benzo(b)fluoranthene

Concen: 4.942 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF110895.D

Acq: 20 Nov 2018 15:39

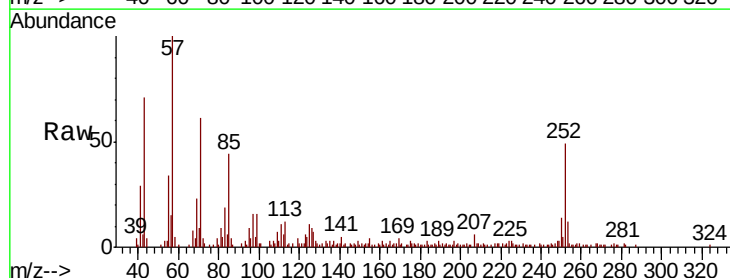
Tgt Ion:252 Resp: 46646

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

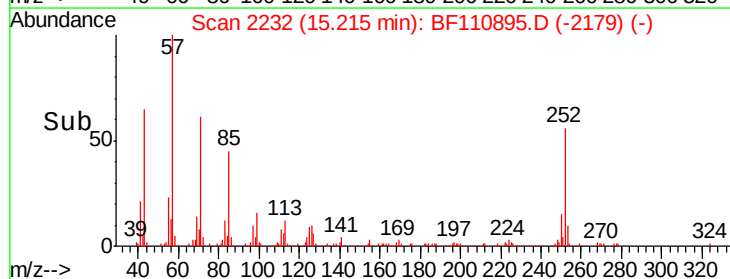
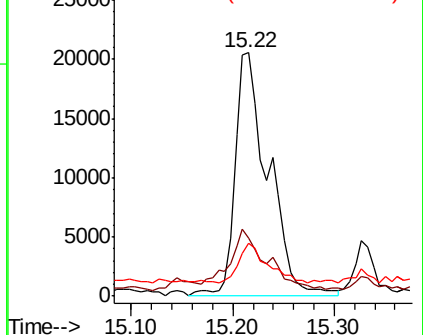
125 21.7 8.2 12.4#

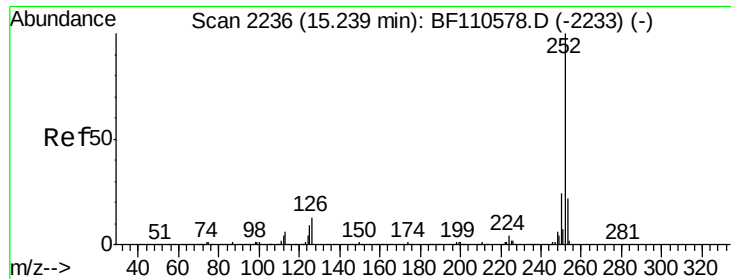


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

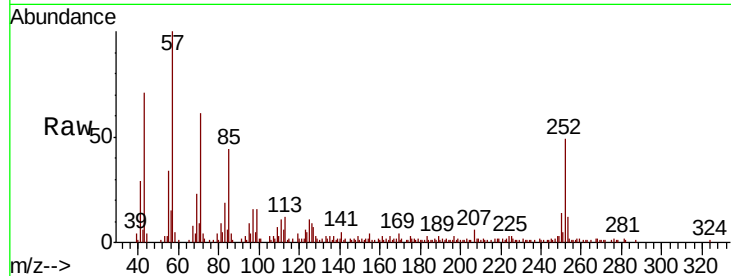




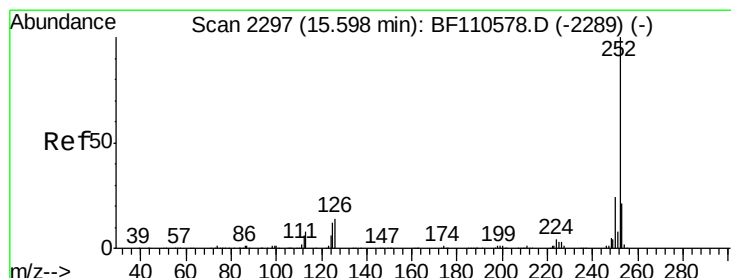
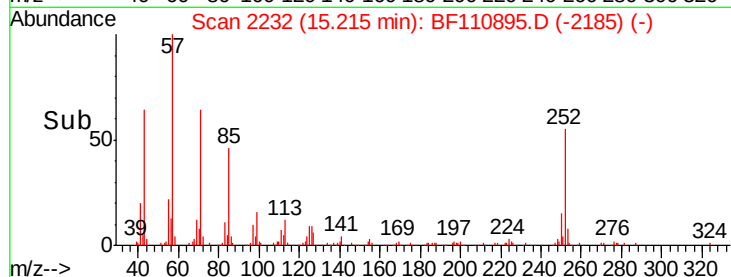
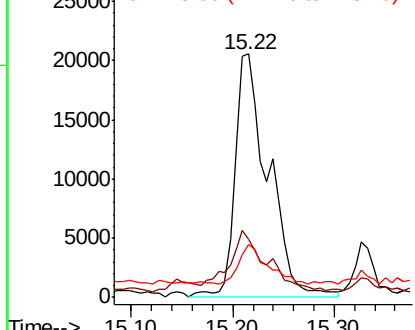
#89
Benzo(k)fluoranthene
Concen: 5.002 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 46646
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 21.7 7.4 11.0#

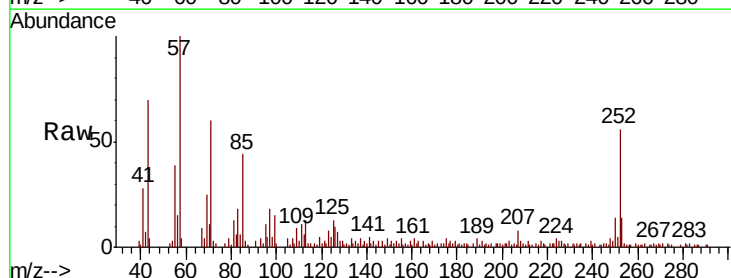


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.690 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110895.D
Acq: 20 Nov 2018 15:39

Tgt Ion:252 Resp: 23066
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.4
125 23.8 9.0 13.6#



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

