

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109495.D
 Acq On : 2 Oct 2018 12:35
 Operator : JU/SJ
 Sample : J5155-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

Quant Time: Oct 02 13:20:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102610	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	333672	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	193903	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	351222	20.00	ng	0.00
75) Chrysene-d12	13.84	240	262554	20.00	ng	0.00
86) Perylene-d12	15.24	264	270110	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	32432	5.21	ng	0.01
7) Phenol-d6	6.36	99	45356	5.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	104922	18.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	42258	22.11	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	208392	16.21	ng	-0.02
78) Terphenyl-d14	12.79	244	157408	14.71	ng	-0.01

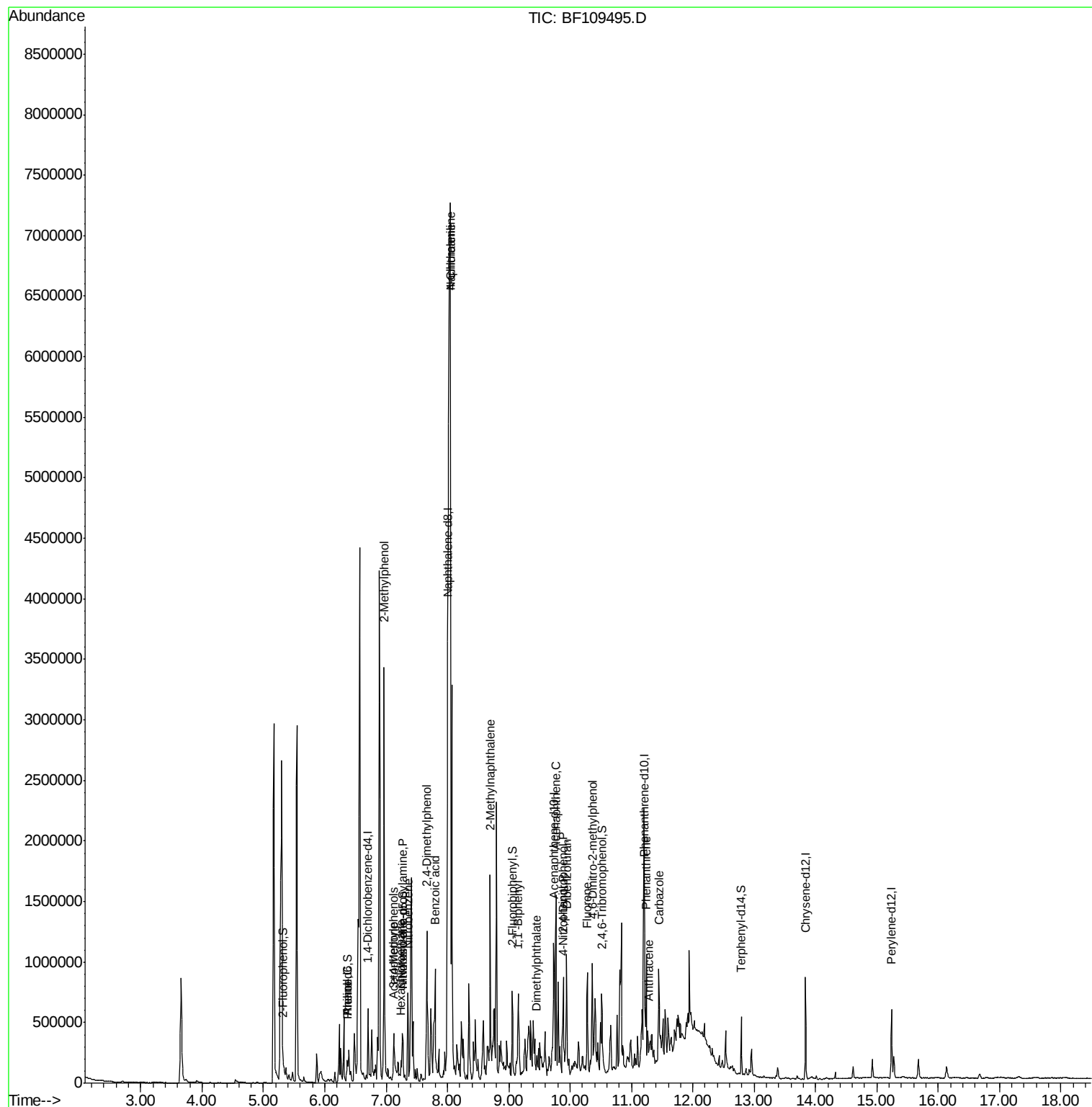
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.37	93	58984	5.799	ng	# 82
10) Phenol	6.37	94	32355	3.594	ng	# 15
17) 2-Methylphenol	6.97	107	47198	8.420	ng	# 90
18) Hexachloroethane	7.24	117	10179	3.595	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	14600	2.803	ng	# 79
20) 3+4-Methylphenols	7.13	107	149930	22.154	ng	95
22) Acetophenone	7.12	105	20512	2.659	ng	# 80
24) Nitrobenzene	7.36	77	42971	7.150	ng	# 42
27) 2,4-Dimethylphenol	7.66	122	300422	67.738	ng	99
31) Naphthalene	8.05	128	8046795	516.072	ng	94
32) Benzoic acid	7.80	122	233971	73.436	ng	# 14
33) 4-Chloroaniline	8.05	127	1218067	178.821	ng	# 34
37) 2-Methylnaphthalene	8.70	142	433498	43.127	ng	97
45) 1,1'-Biphenyl	9.16	154	164447	10.409	ng	98
49) Dimethylphthalate	9.46	163	53054	3.762	ng	# 99
51) Acenaphthene	9.77	154	295159	25.640	ng	98
53) 2,4-Dinitrophenol	9.89	184	1388	9.754	ng	# 1
54) Dibenzofuran	9.94	168	334407	19.534	ng	99
55) 4-Nitrophenol	9.87	139	7449	3.057	ng	# 45
57) Fluorene	10.28	166	205575	16.830	ng	100
64) 4,6-Dinitro-2-methylphenol	10.36	198	409	6.771	ng	# 1
70) Phenanthrene	11.24	178	314534	17.936	ng	99
71) Anthracene	11.29	178	42163	2.370	ng	98
72) Carbazole	11.44	167	227947	12.881	ng	100

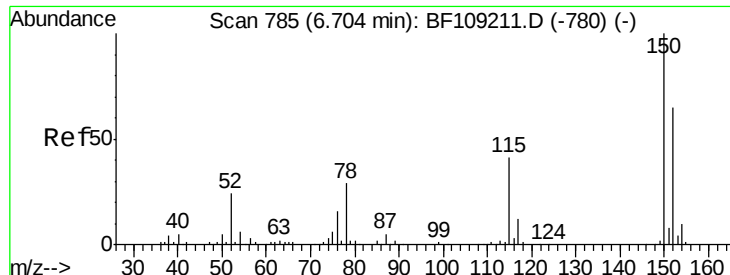
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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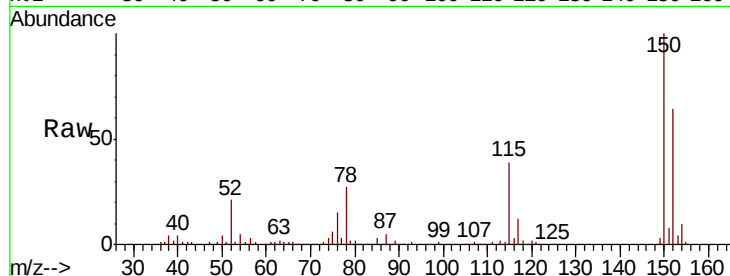


#1

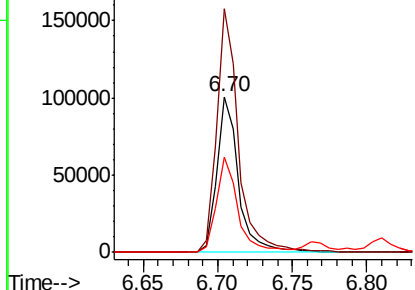
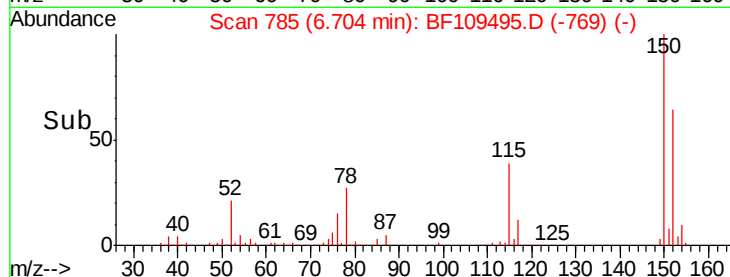
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:152 Resp: 102610
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 61.5 50.1 75.1



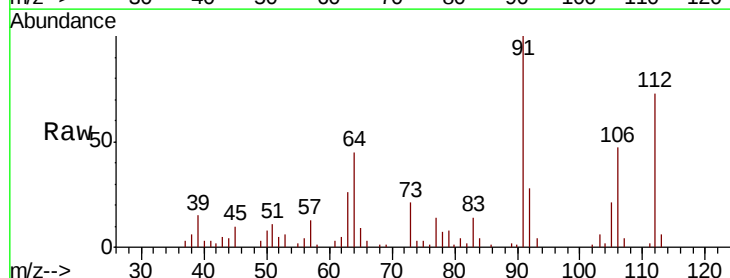
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



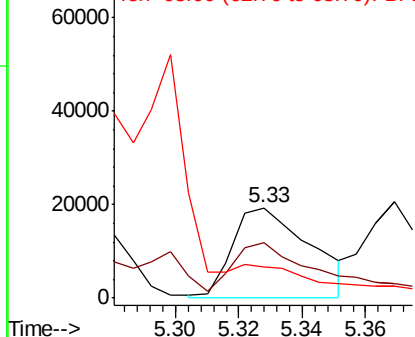
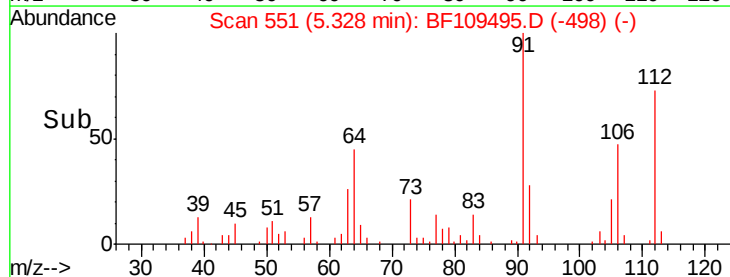
#5

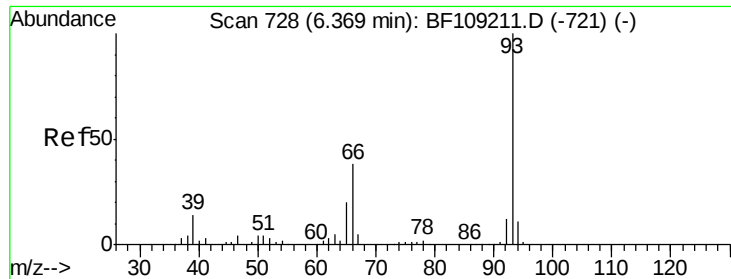
2-Fluorophenol
Concen: 5.206 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:112 Resp: 32432
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 34.9 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





#6

Aniline

Concen: 5.799 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

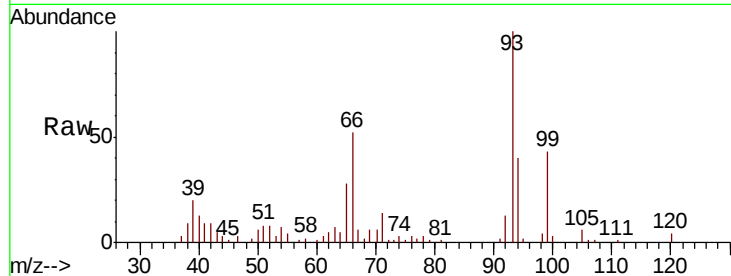
Tot Ion: 93 Resp: 58984

Ion Ratio Lower Upper

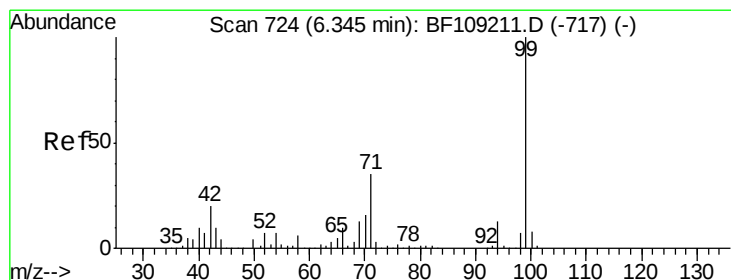
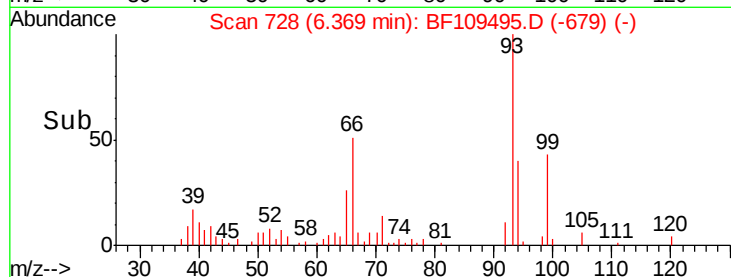
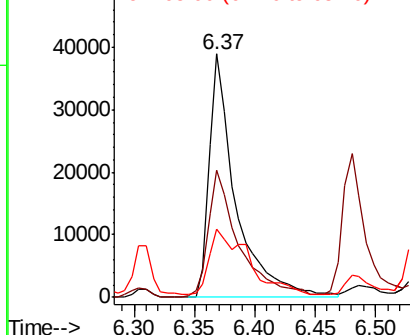
93 100

66 52.0 32.2 48.2#

65 27.9 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 5.706 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

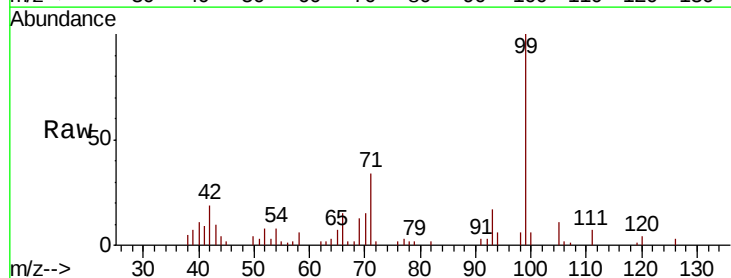
Tgt Ion: 99 Resp: 45356

Ion Ratio Lower Upper

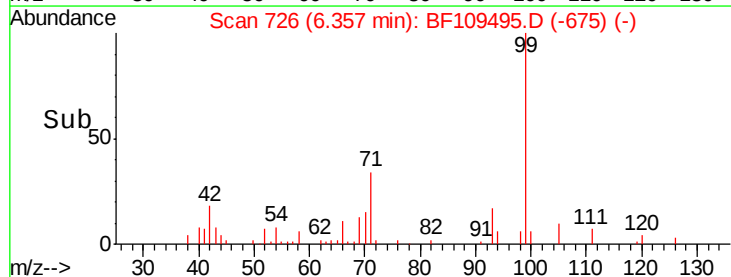
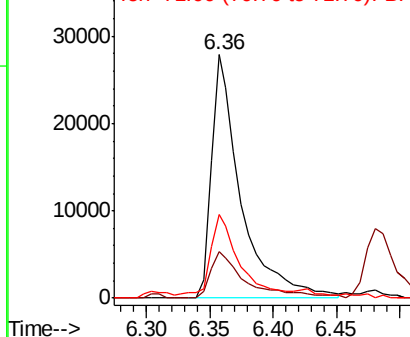
99 100

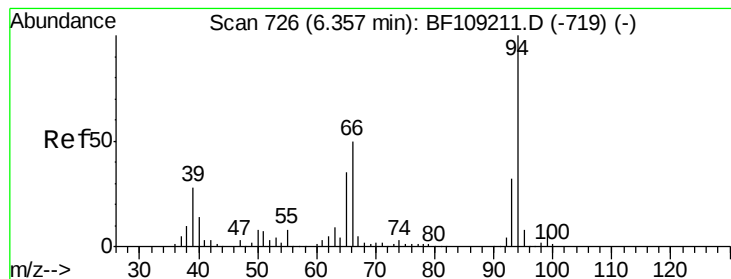
42 19.2 14.5 21.7

71 34.2 25.4 38.0



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: 3.594 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

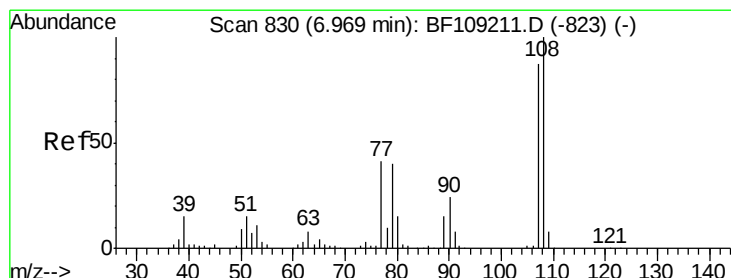
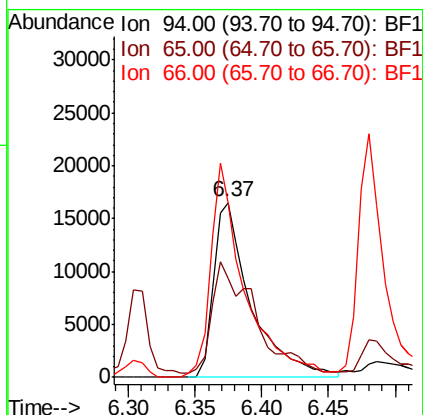
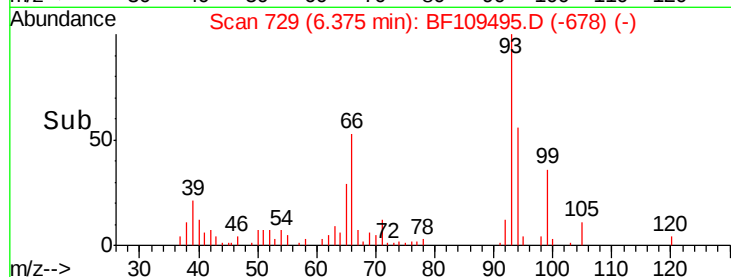
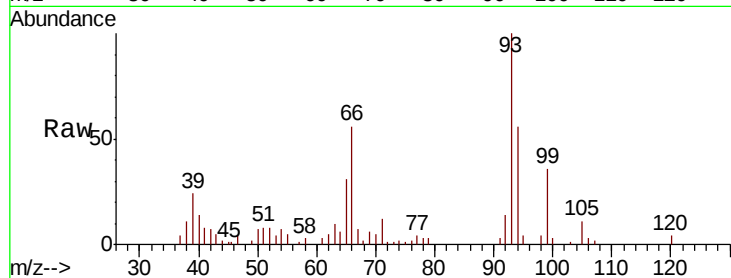
Tot Ion: 94 Resp: 32355

Ion Ratio Lower Upper

94 100

65 56.3 7.9 47.9#

66 100.0 16.2 56.2#



#17

2-Methylphenol

Concen: 8.420 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Tgt Ion:107 Resp: 47198

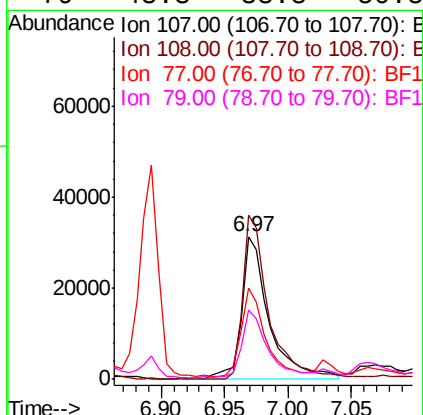
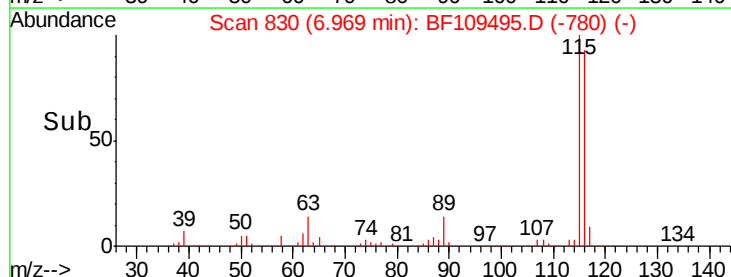
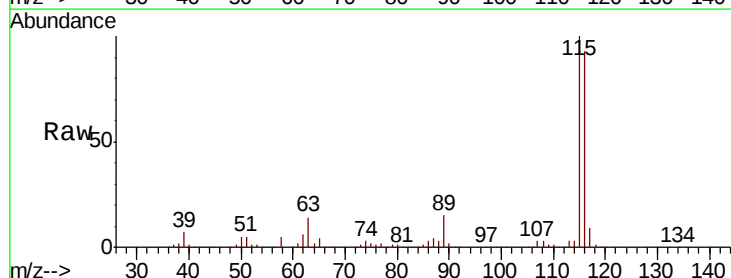
Ion Ratio Lower Upper

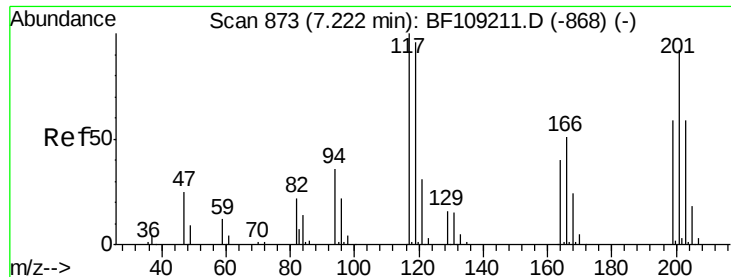
107 100

108 115.6 91.7 137.5

77 64.0 33.8 50.8#

79 48.3 33.8 50.8

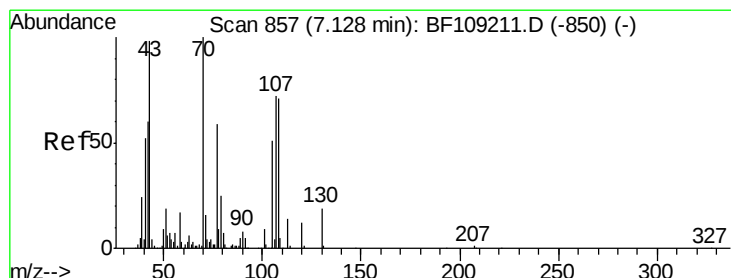
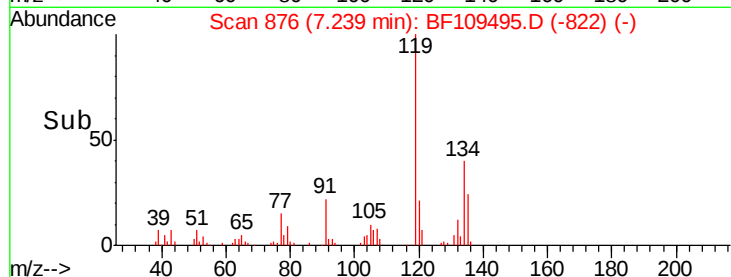
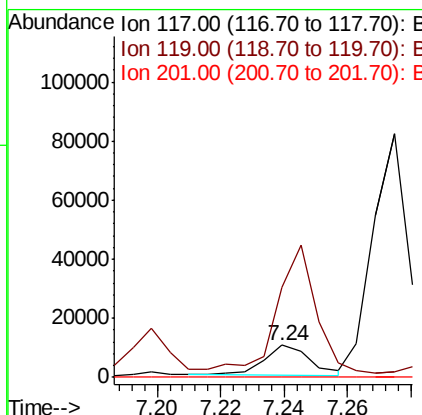
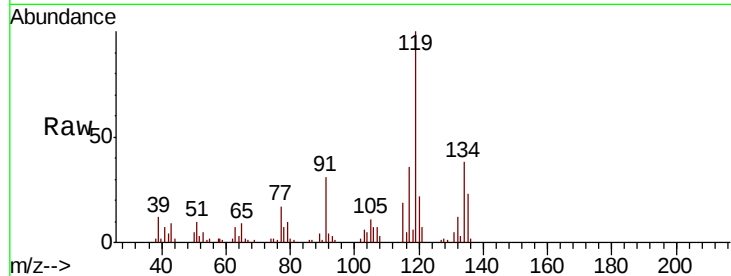




#18
Hexachloroethane
Concen: 3.595 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

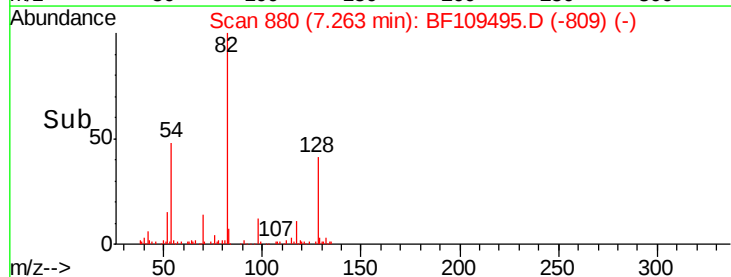
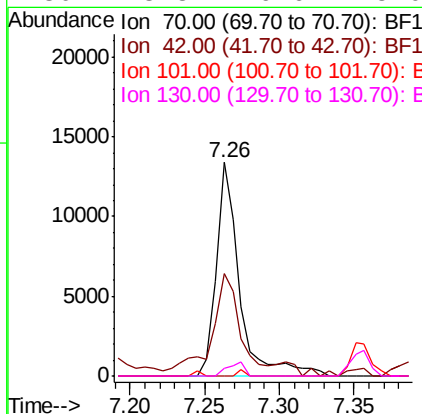
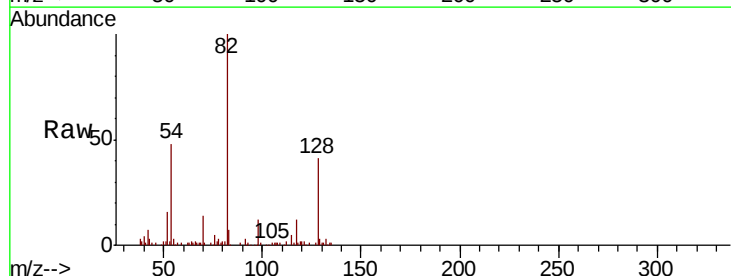
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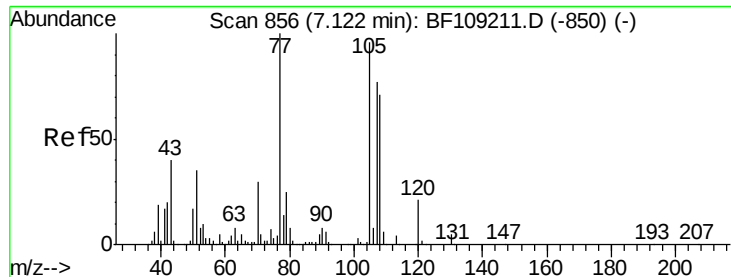
Tot Ion:117 Resp: 10179
Ion Ratio Lower Upper
117 100
119 279.5 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.803 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion: 70 Resp: 14600
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 3.8 16.6 25.0#

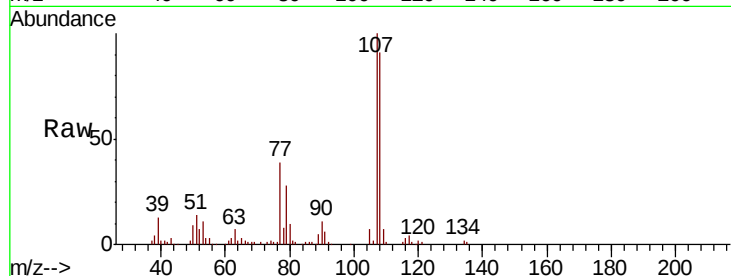




#20
3+4-Methylphenols
Concen: 22.154 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:	107	Resp:	149930
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	38.7	26.7	66.7
79	27.9	6.3	46.3



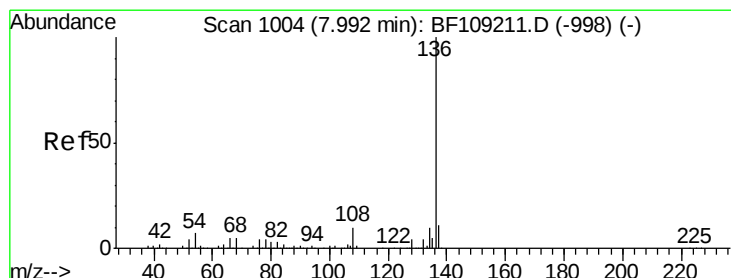
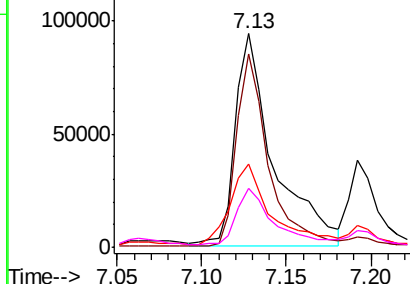
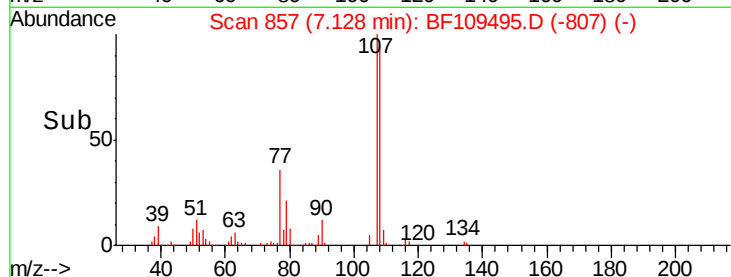
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

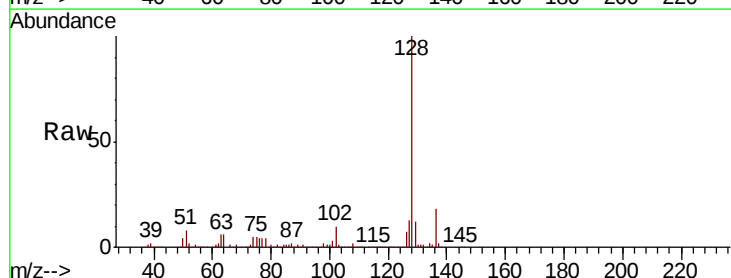
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:	136	Resp:	333672
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.3	5.0	7.4



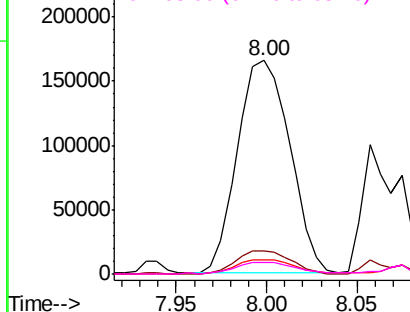
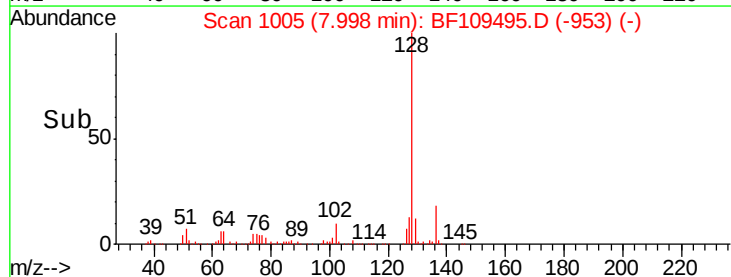
Abundance

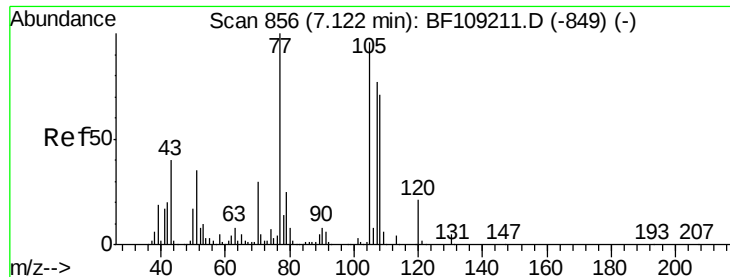
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 2.659 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

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ClientSampleId :

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Tot Ion:105 Resp: 20512

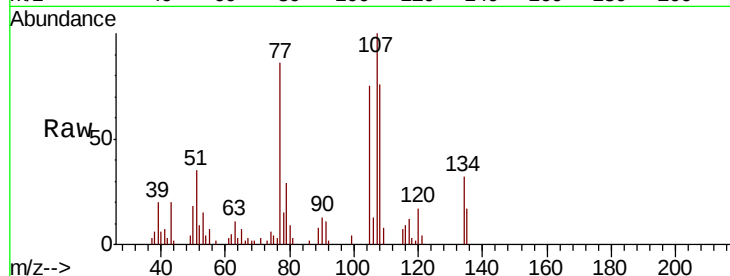
Ion Ratio Lower Upper

105 100

71 3.7 4.4 6.6#

51 46.7 22.3 33.5#

120 22.9 16.9 25.3

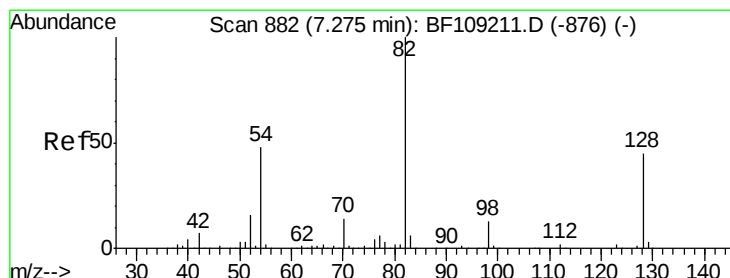
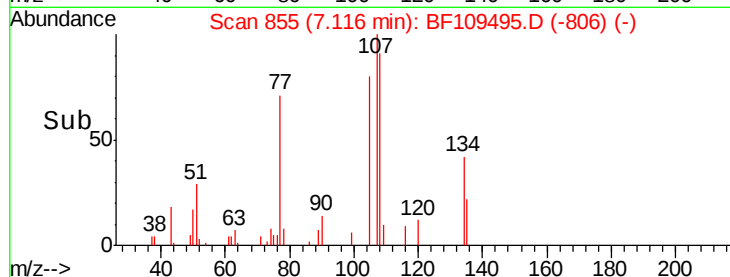
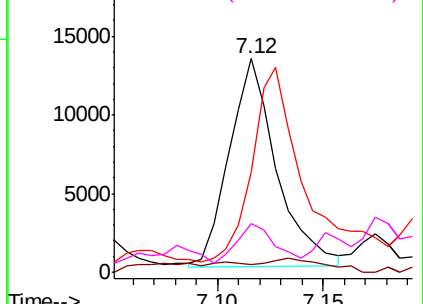


Abundance Ion 105.00 (104.70 to 105.70): E

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: 18.562 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

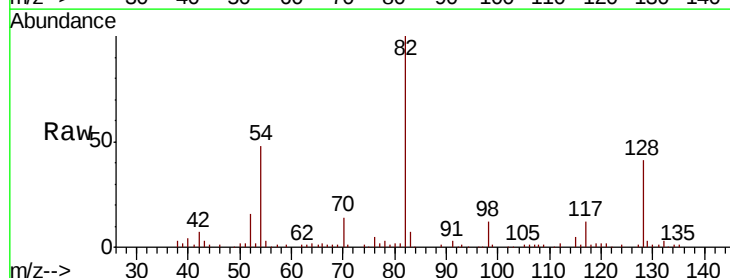
Tgt Ion: 82 Resp: 104922

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

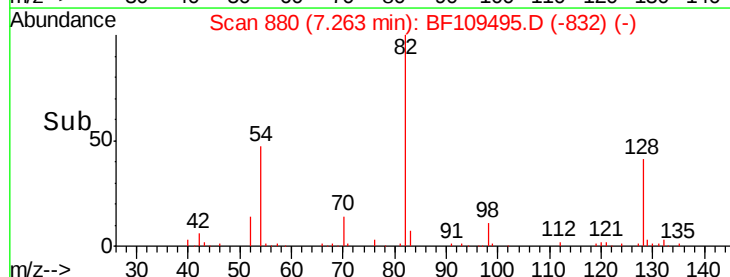
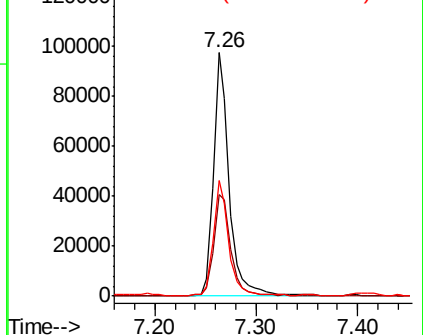
54 47.5 41.4 62.2

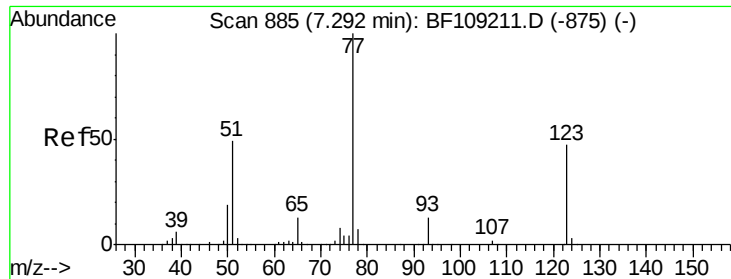


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

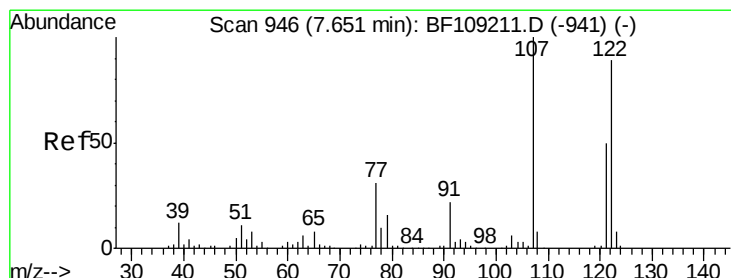
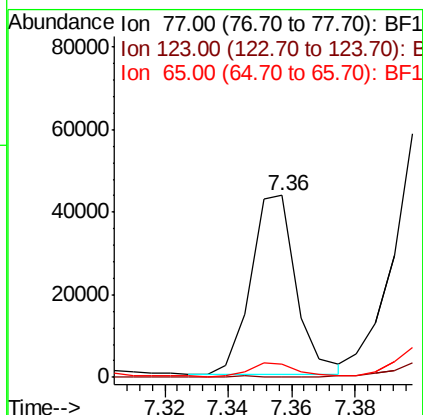
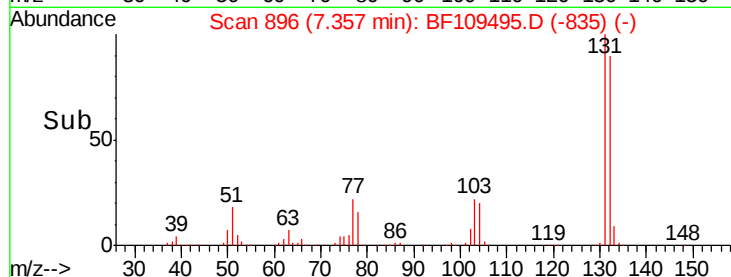
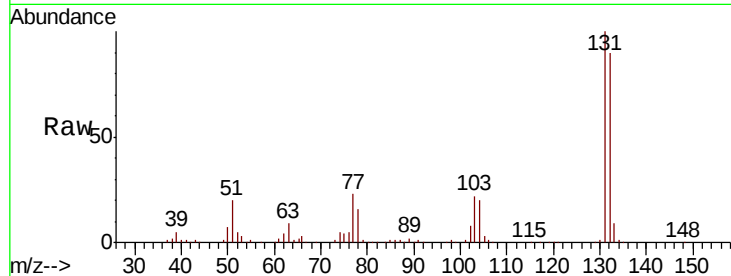




#24
 Nitrobenzene
 Concen: 7.150 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.06 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

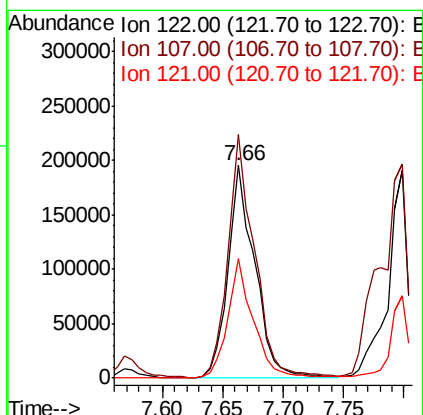
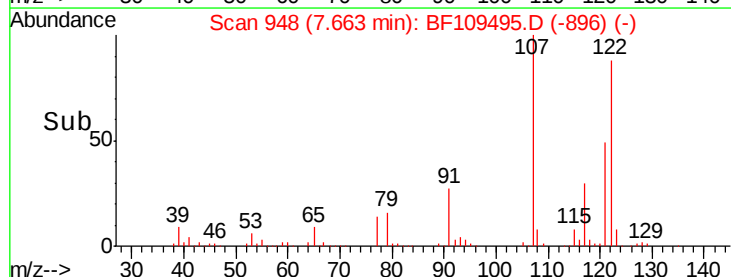
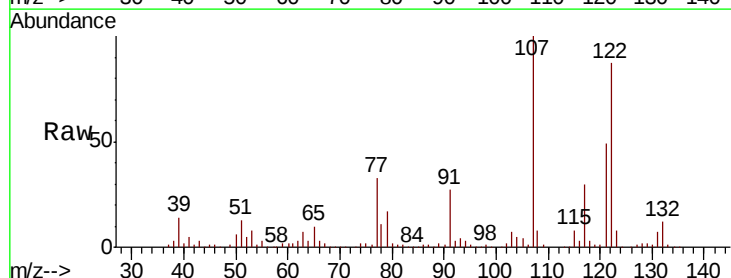
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

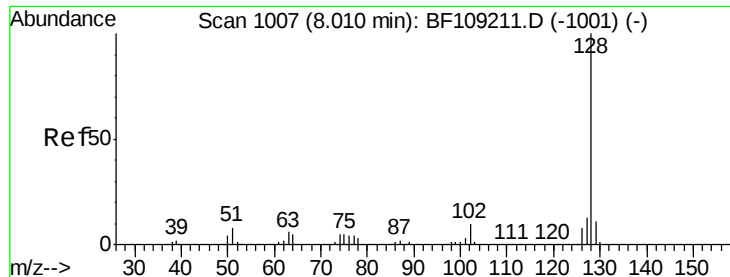
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	7.3	11.0	16.4#



#27
 2,4-Dimethylphenol
 Concen: 67.738 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	56.4	47.2	70.8

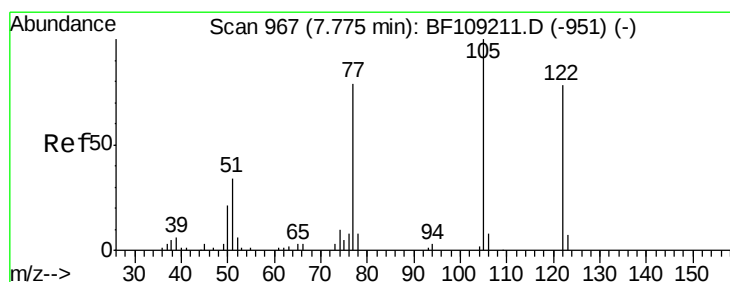
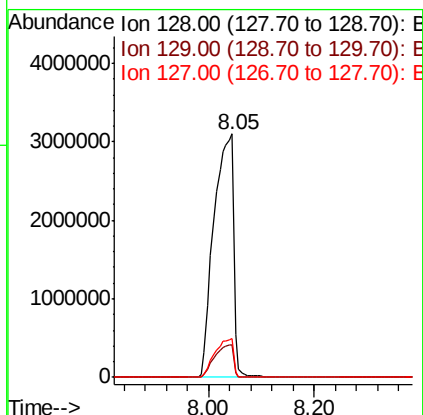
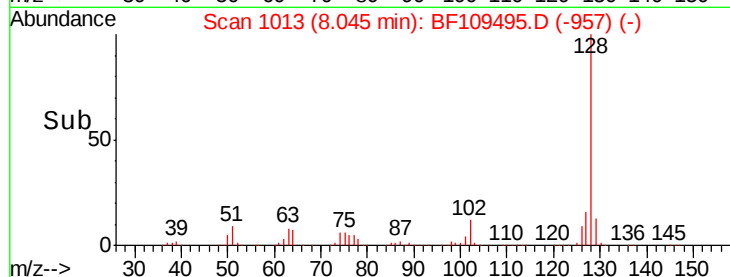
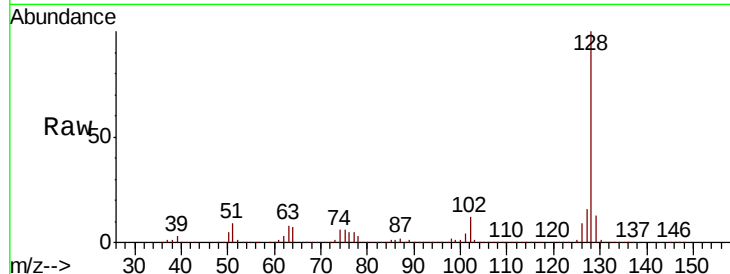




#31
Naphthalene
Concen: 516.072 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.03 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

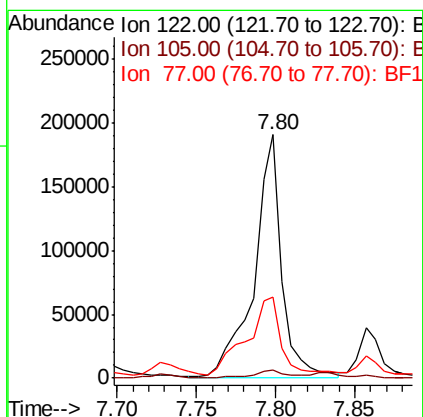
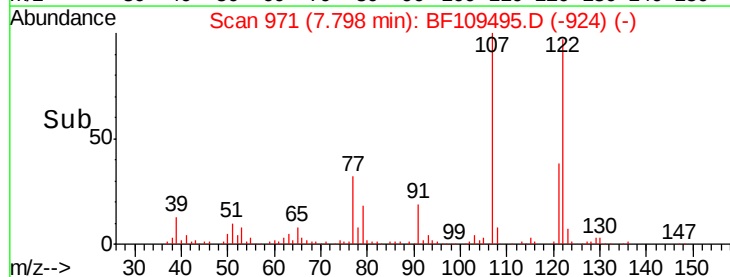
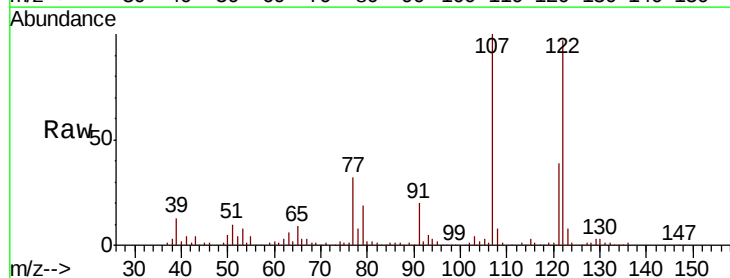
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

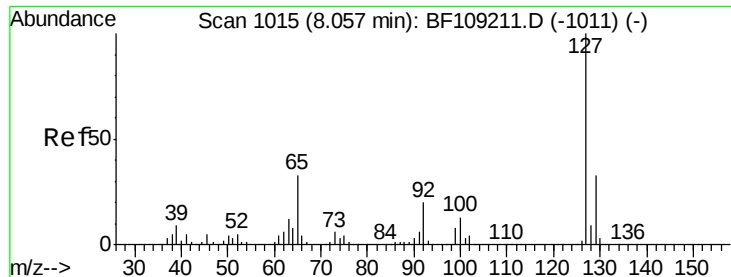
Tot Ion:128 Resp: 8046795
Ion Ratio Lower Upper
128 100
129 13.1 8.8 13.2
127 15.9 10.9 16.3



#32
Benzoic acid
Concen: 73.436 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:122 Resp: 233971
Ion Ratio Lower Upper
122 100
105 3.5 101.1 141.1#
77 33.3 70.7 110.7#

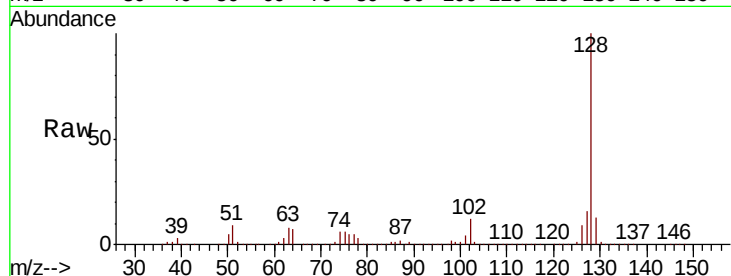




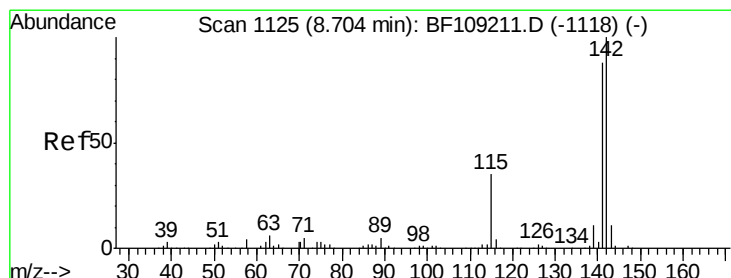
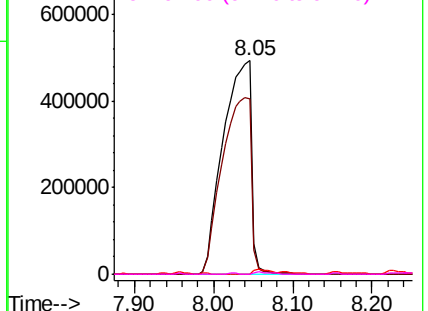
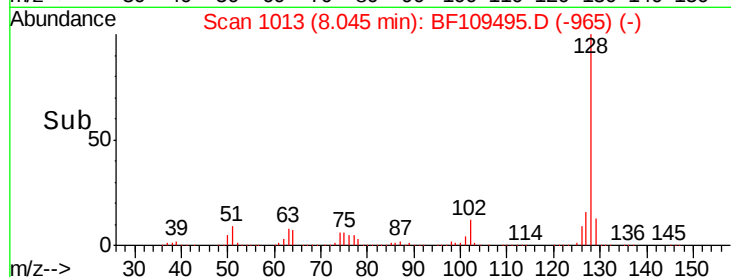
#33
4-Chloroaniline
Concen: 178.821 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:	127	Resp:	1218067
Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.2	15.2	22.8#

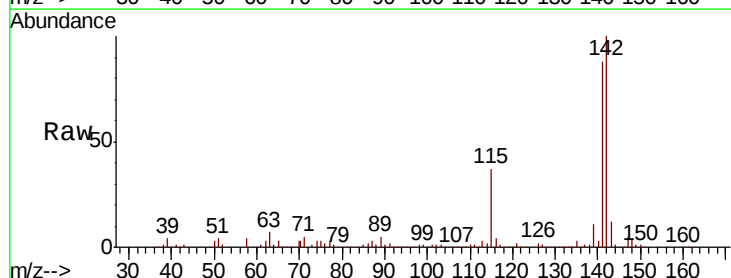


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

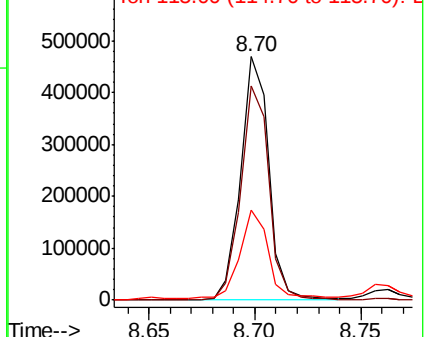
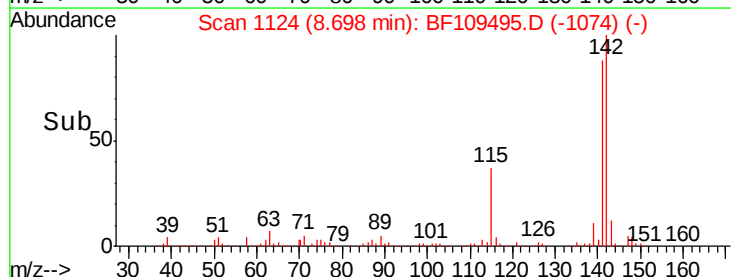


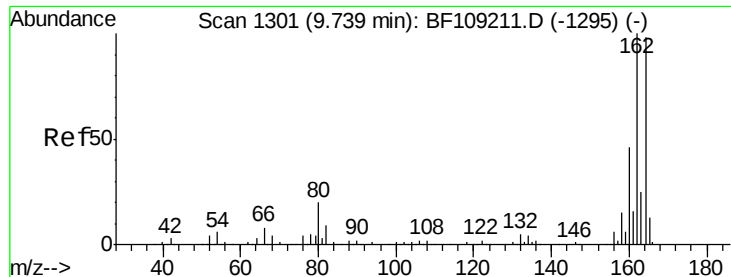
#37
2-Methylnaphthalene
Concen: 43.127 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:	142	Resp:	433498
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	37.2	26.1	39.1



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

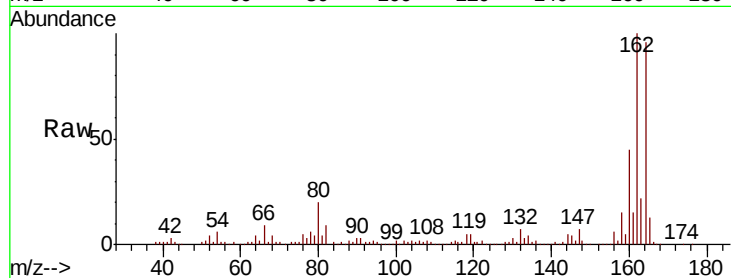




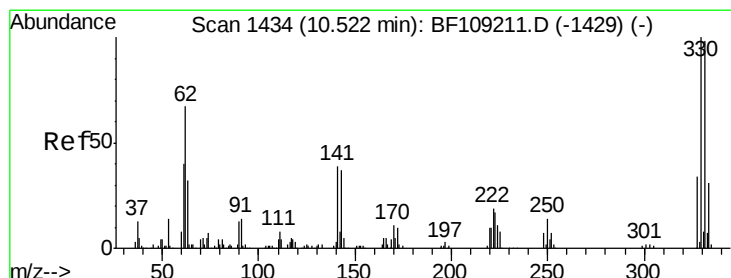
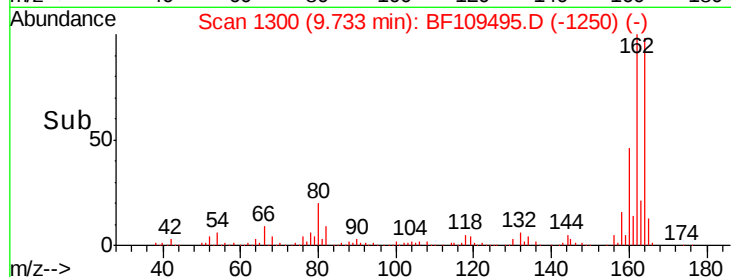
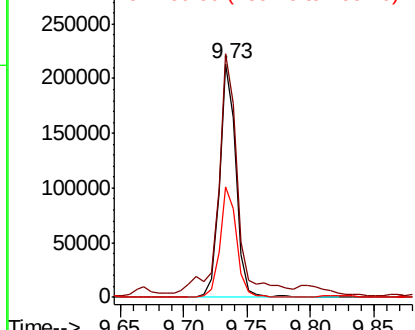
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:164 Resp: 193903
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 47.2 38.3 57.5

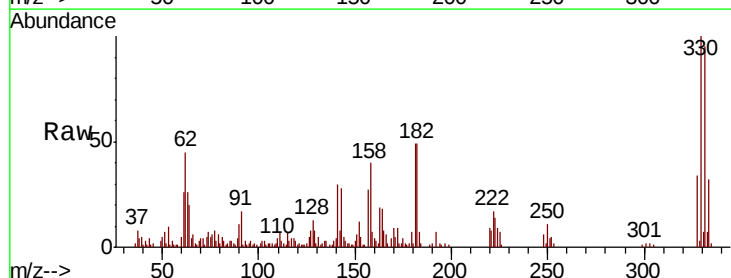


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

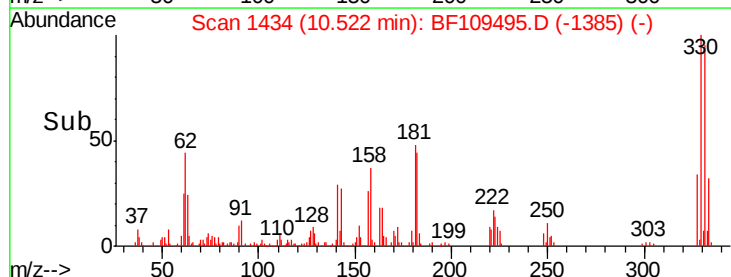
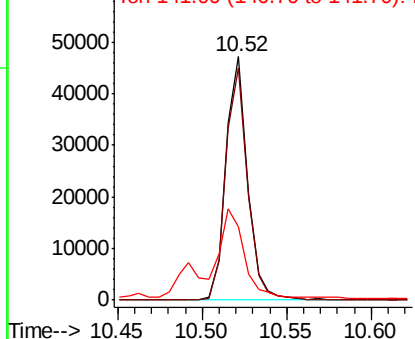


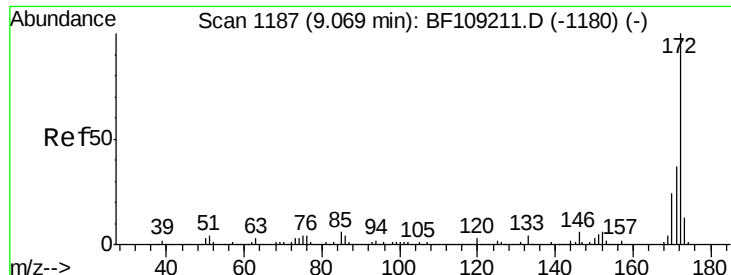
#41
2,4,6-Tribromophenol
Concen: 22.107 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:330 Resp: 42258
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 39.8 29.9 44.9



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

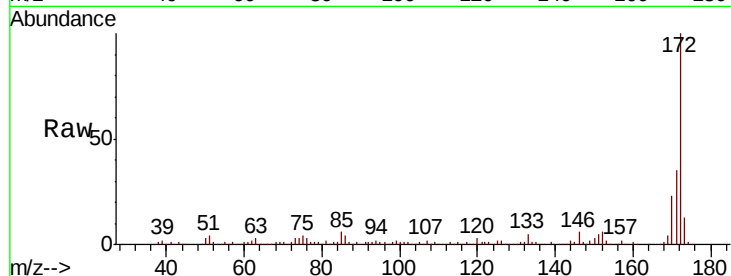




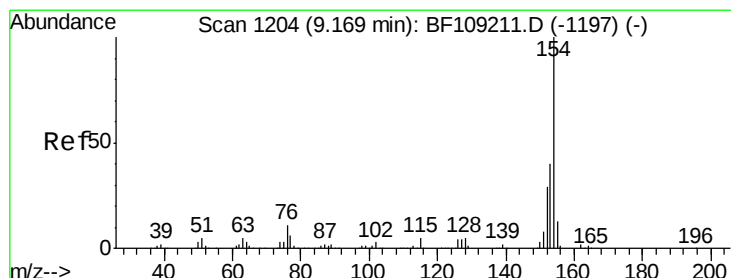
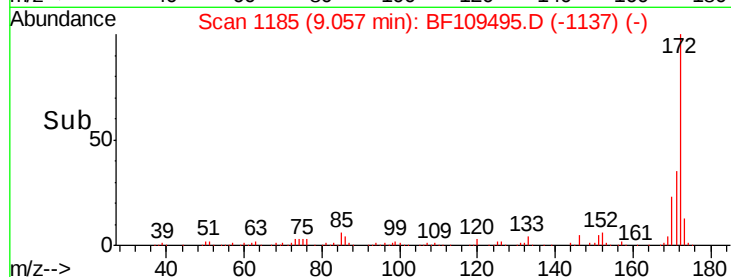
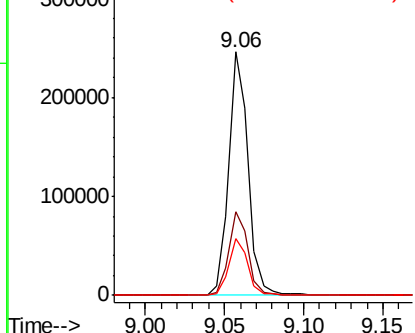
#44
2-Fluorobiphenyl
Concen: 16.209 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	23.2	19.6	29.4

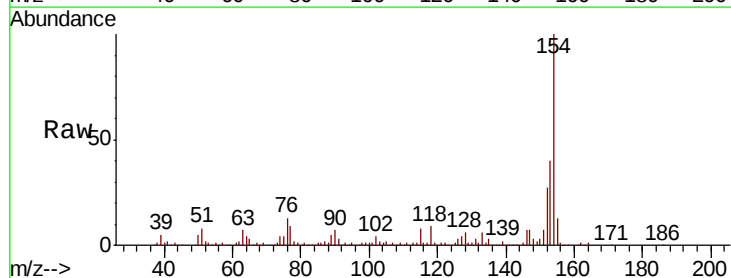


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

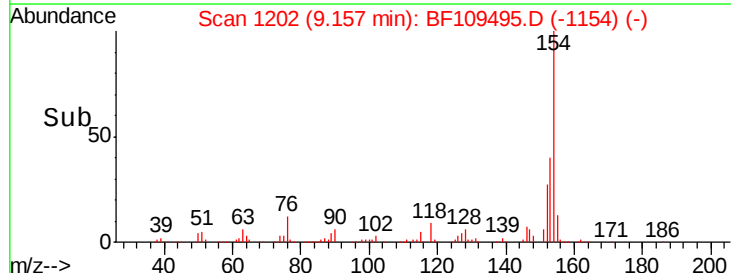
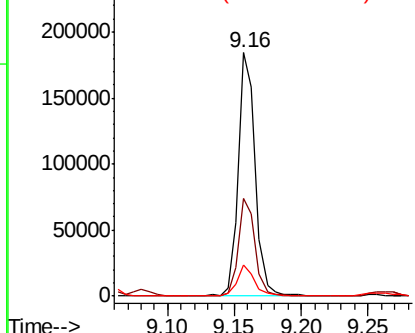


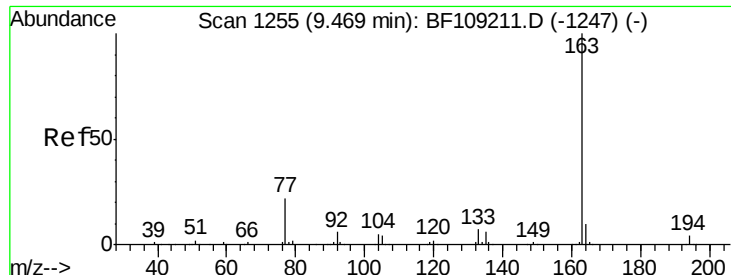
#45
1,1'-Biphenyl
Concen: 10.409 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	12.8	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

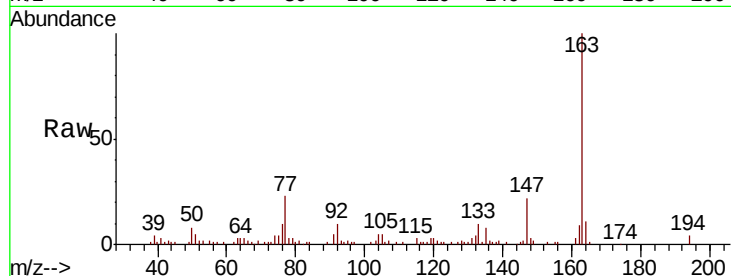




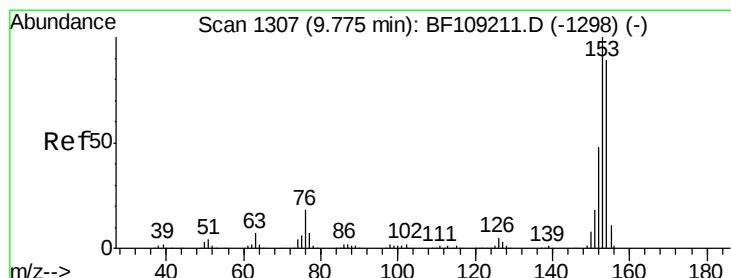
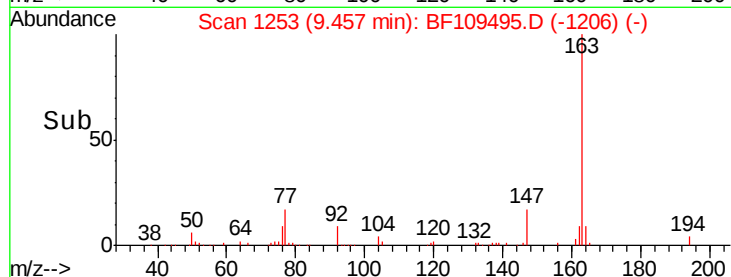
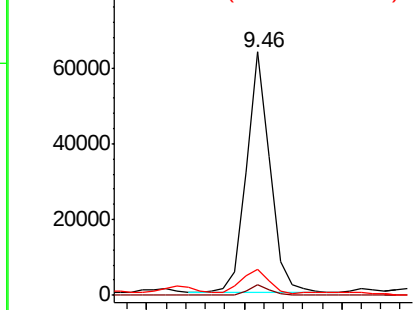
#49
Dimethylphthalate
Concen: 3.762 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:163 Resp: 53054
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.6 8.2 12.2

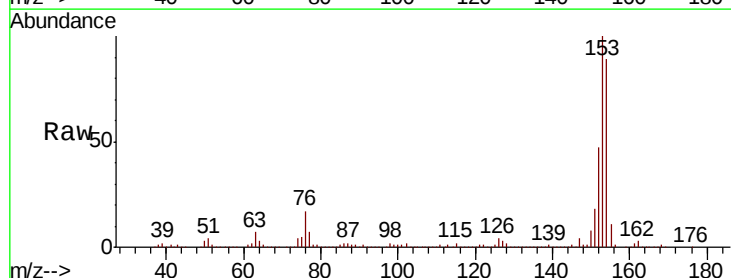


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

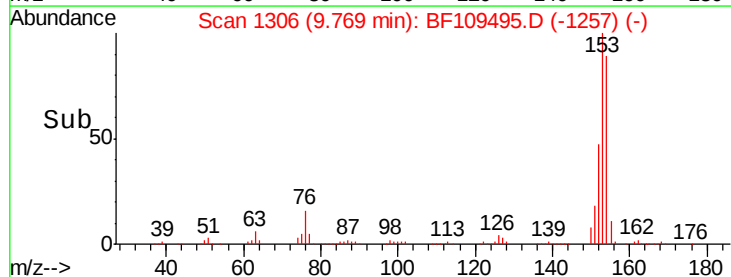
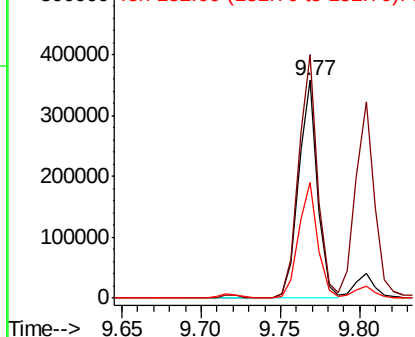


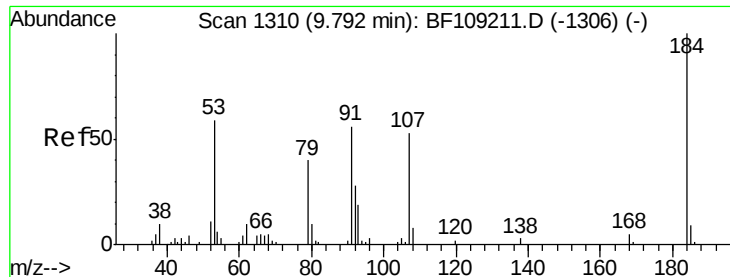
#51
Acenaphthene
Concen: 25.640 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:154 Resp: 295159
Ion Ratio Lower Upper
154 100
153 111.9 91.2 136.8
152 53.0 43.8 65.8



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

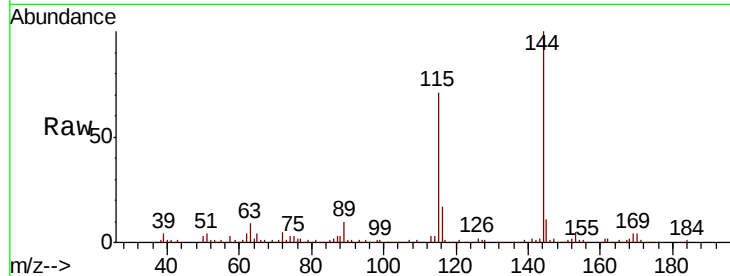




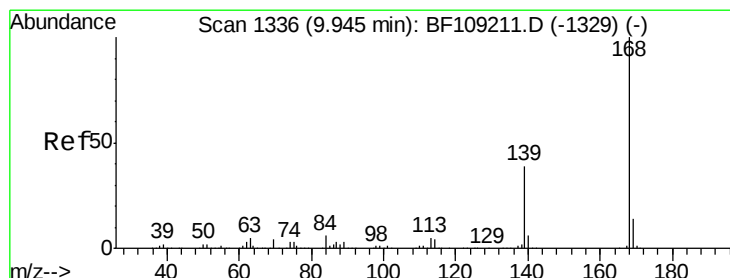
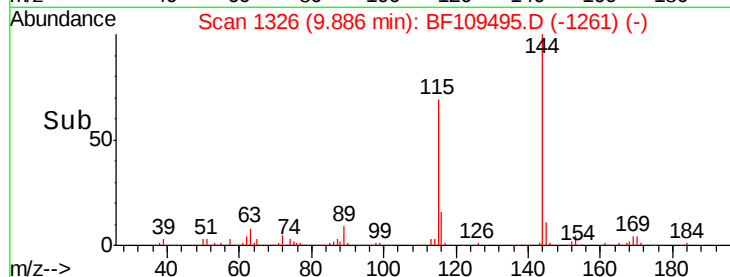
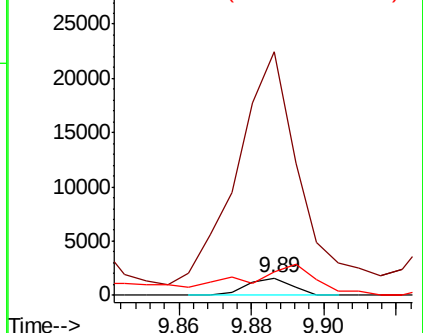
#53
2,4-Dinitrophenol
Concen: 9.754 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.08 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:184 Resp: 1388
Ion Ratio Lower Upper
184 100
63 1379.7 54.2 81.2#
154 131.4 184.0 276.0#

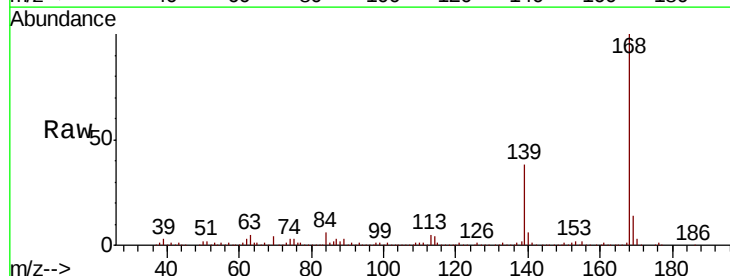


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

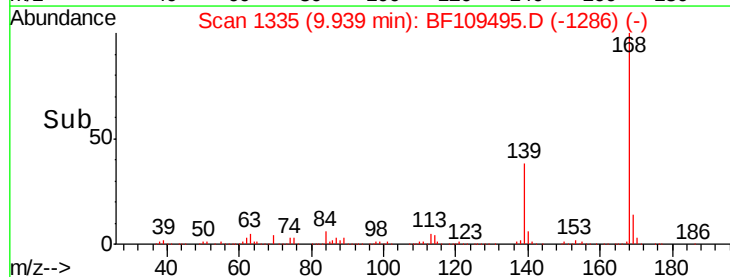
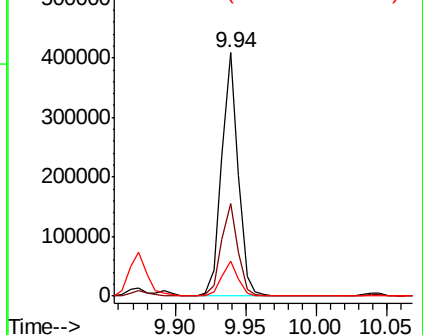


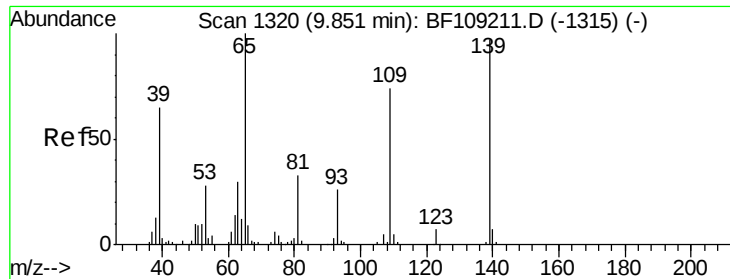
#54
Dibenzofuran
Concen: 19.534 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:168 Resp: 334407
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 14.3 10.9 16.3



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





#55

4-Nitrophenol

Concen: 3.057 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

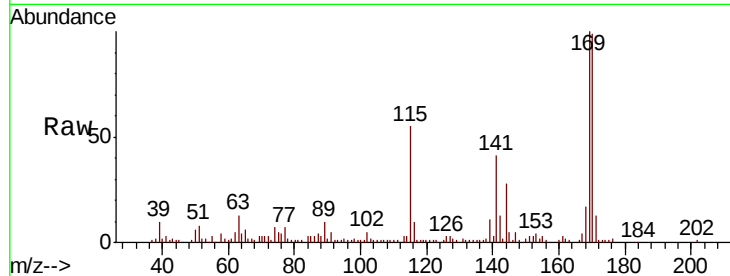
Tot Ion:139 Resp: 7449

Ion Ratio Lower Upper

139 100

109 10.5 48.4 88.4#

65 51.8 72.6 112.6#

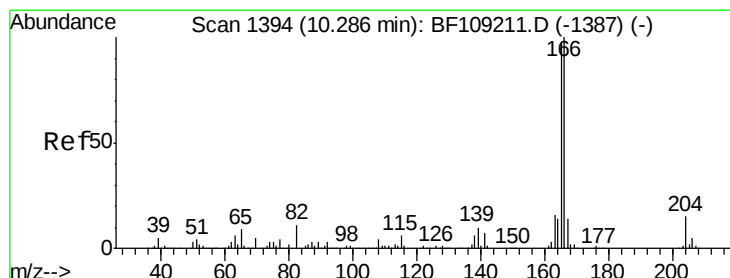
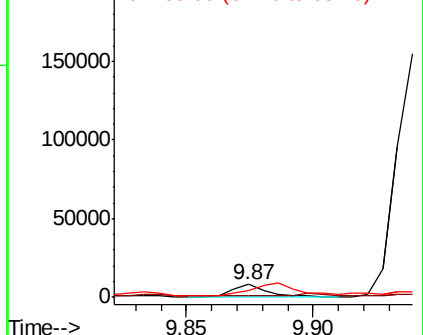
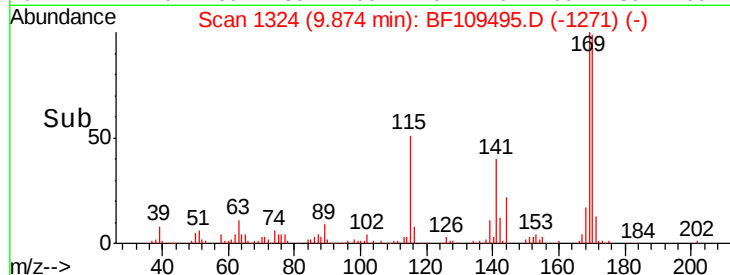


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

Fluorene

Concen: 16.830 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

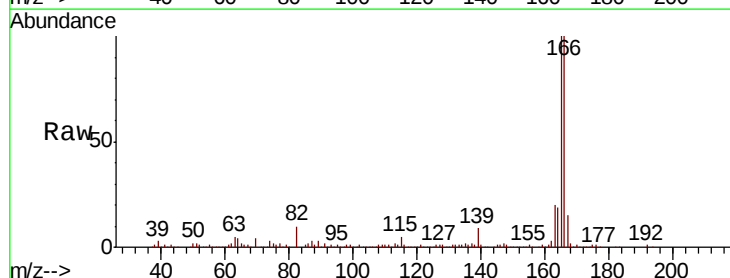
Tgt Ion:166 Resp: 205575

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

167 14.5 10.6 16.0

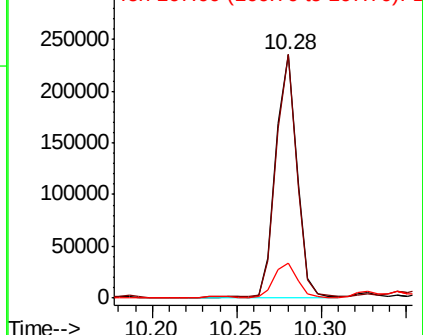
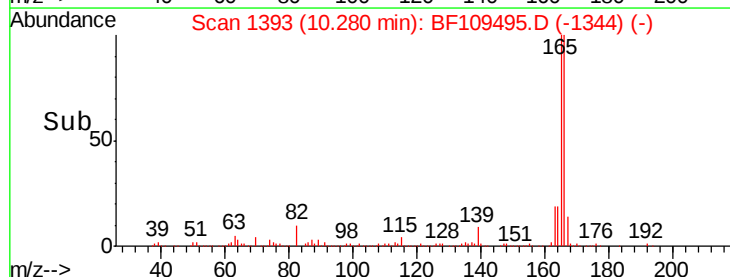


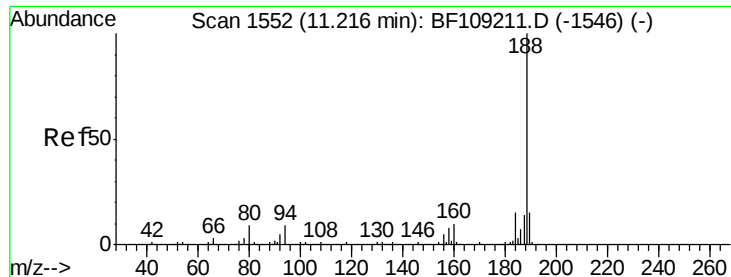
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

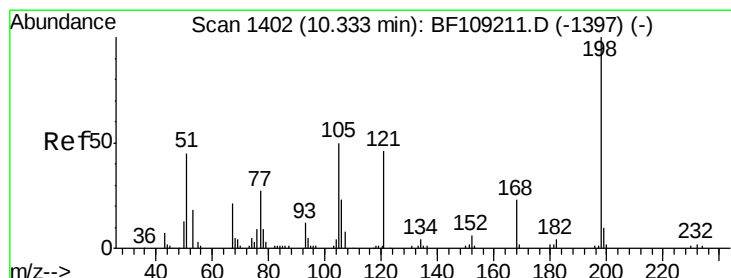
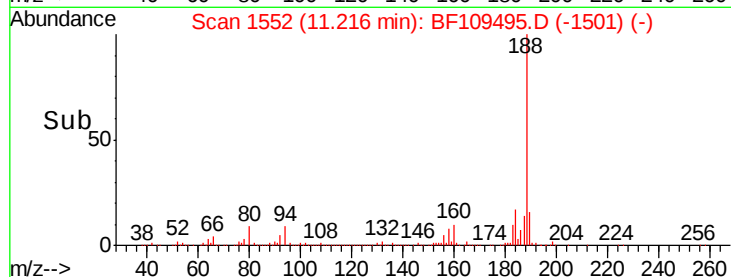
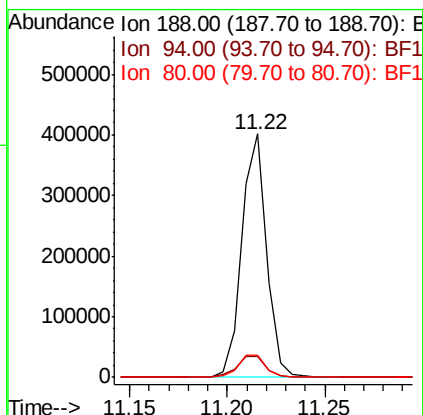
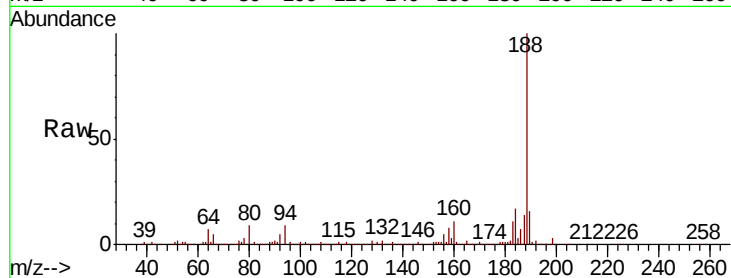




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

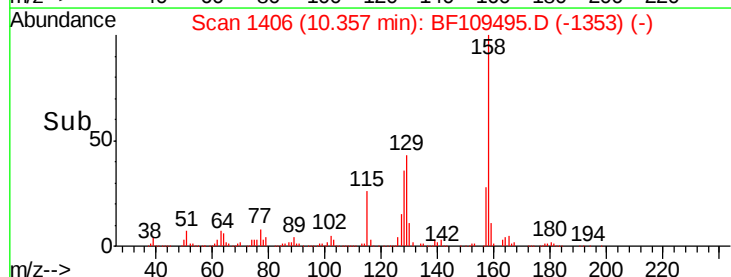
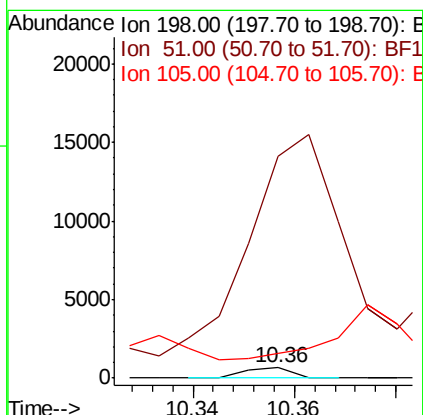
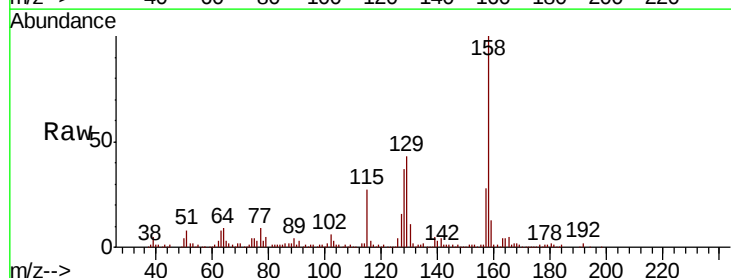
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

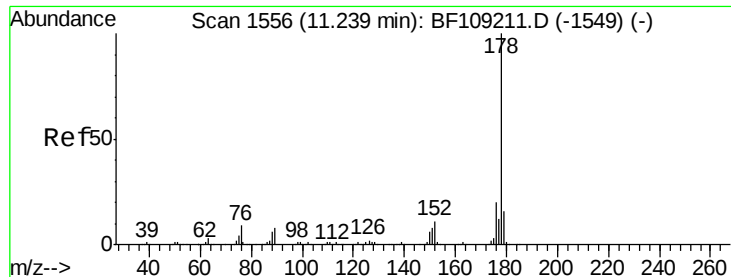
Tot Ion:188 Resp: 351222
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 8.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.771 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:198 Resp: 409
Ion Ratio Lower Upper
198 100
51 2139.7 37.7 77.7#
105 243.2 36.3 76.3#

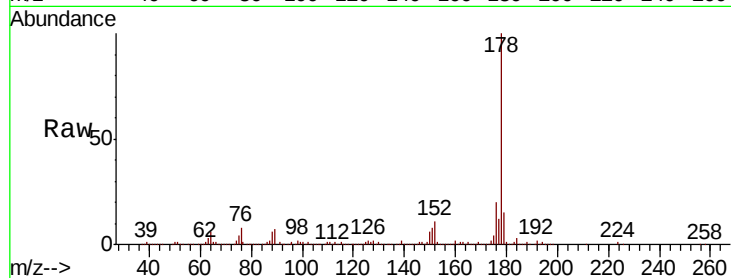




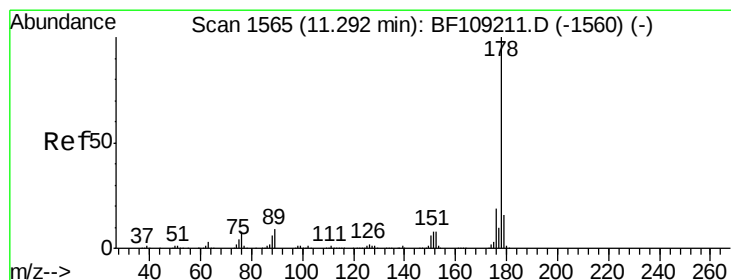
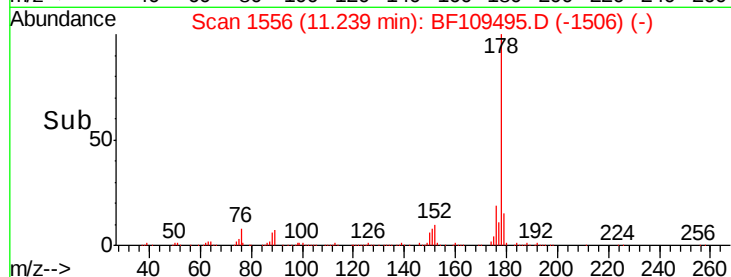
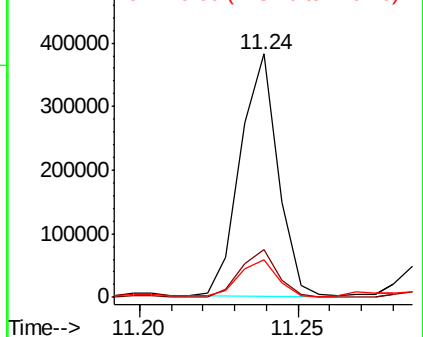
#70
Phenanthrene
Concen: 17.936 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion:178 Resp: 314534
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.4 13.0 19.6

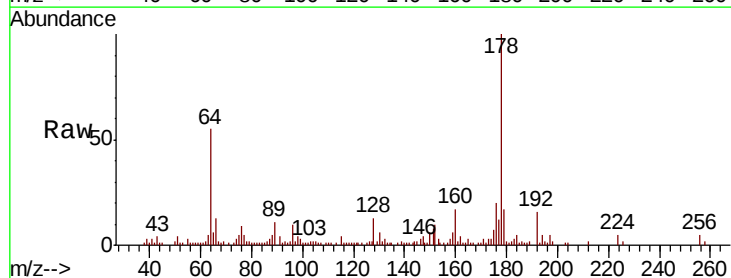


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

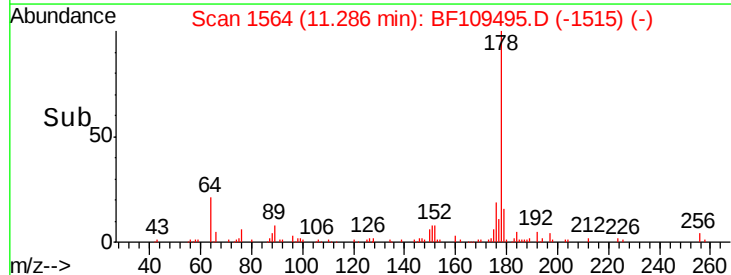
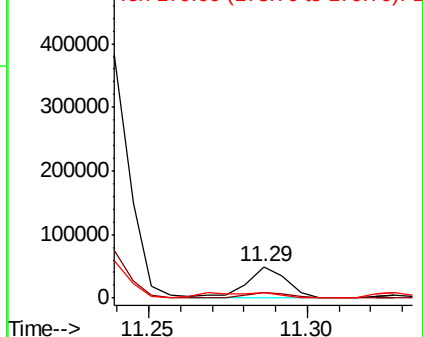


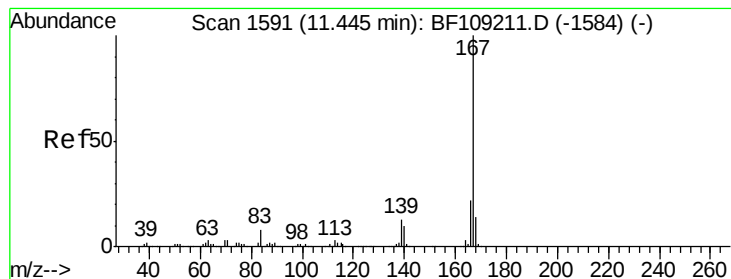
#71
Anthracene
Concen: 2.370 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion:178 Resp: 42163
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 17.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 12.881 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

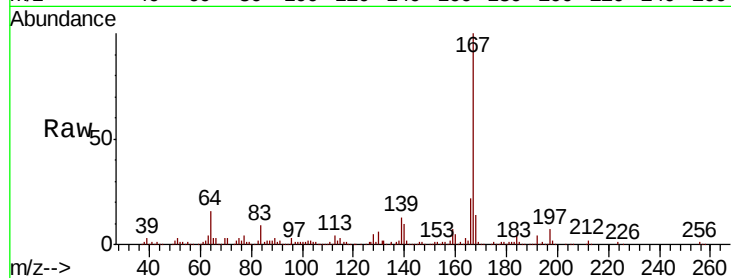
Tot Ion:167 Resp: 227947

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

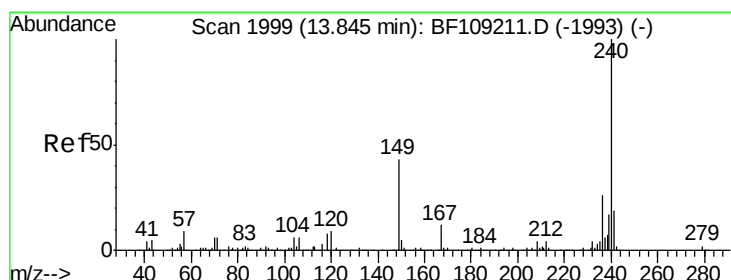
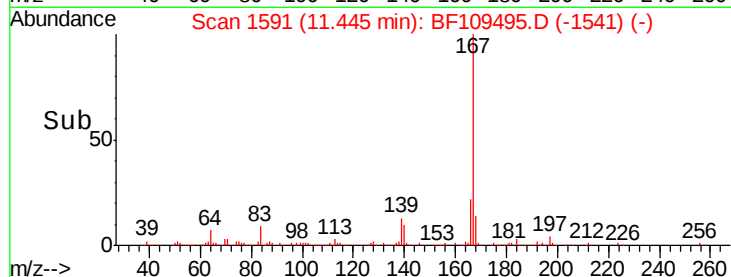
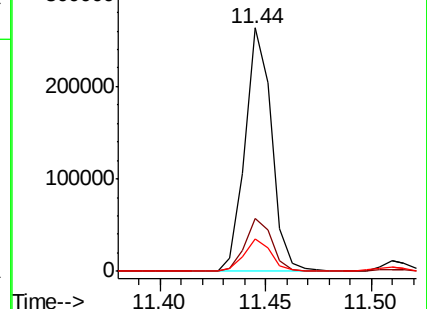
139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

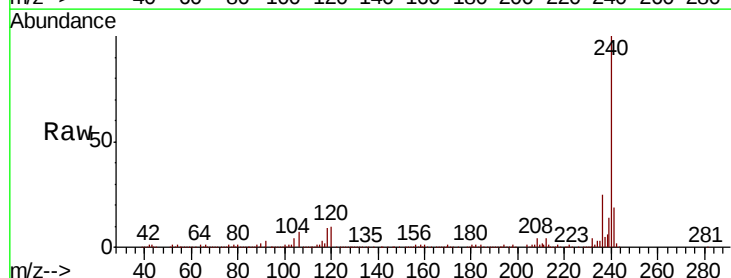
Tgt Ion:240 Resp: 262554

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

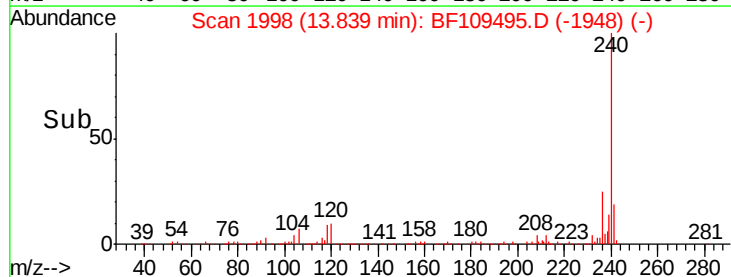
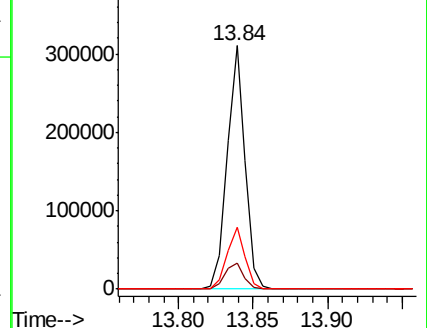
236 25.3 20.7 31.1

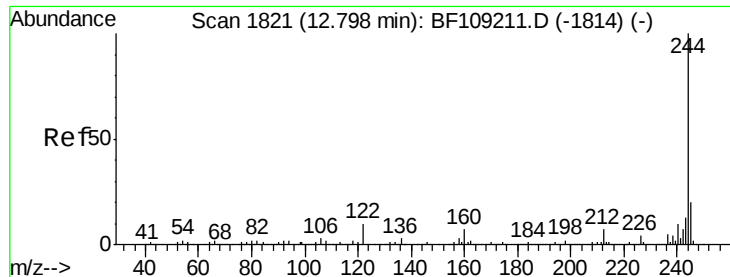


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

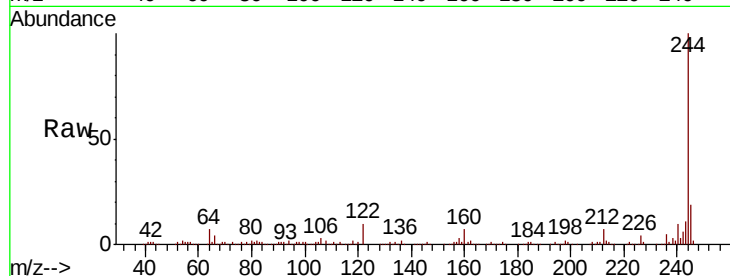




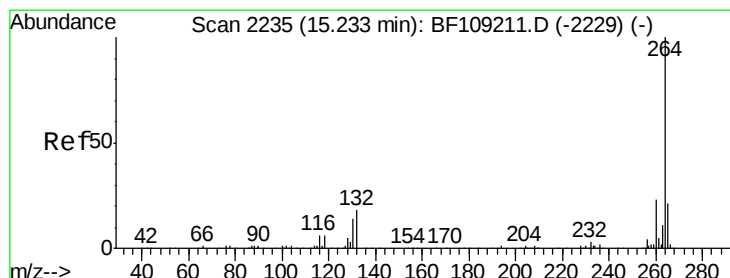
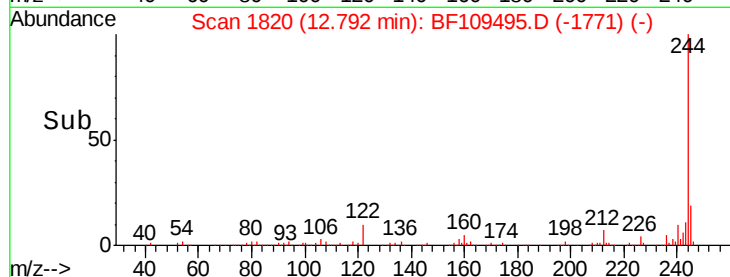
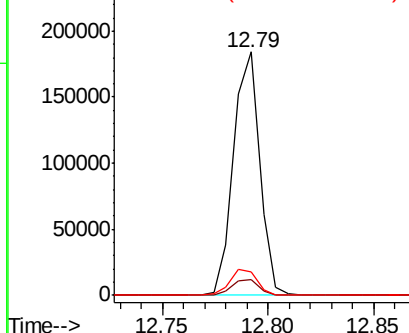
#78
 Terphenyl-d14
 Concen: 14.713 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion:244 Resp: 157408
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.7 11.0 16.4#

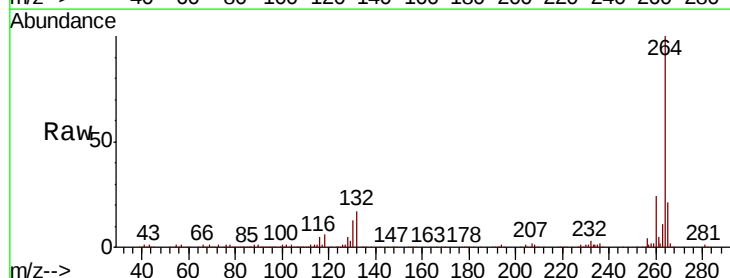


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Tgt Ion:264 Resp: 270110
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 17.5 26.3



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

