

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109063.D
 Acq On : 17 Sep 2018 22:03
 Operator : JU/SJ
 Sample : J4936-23
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-1

Quant Time: Sep 18 01:46:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113242	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	383116	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	159703	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	179376	20.00	ng	0.02
75) Chrysene-d12	13.89	240	215612	20.00	ng	0.04
86) Perylene-d12	15.28	264	210254	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	496337	72.80	ng	0.00
7) Phenol-d6	6.35	99	604738	68.79	ng	0.00
23) Nitrobenzene-d5	7.28	82	362716	53.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	108307	62.49	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	518896	50.91	ng	0.00
78) Terphenyl-d14	12.87	244	295191	32.45	ng	0.05

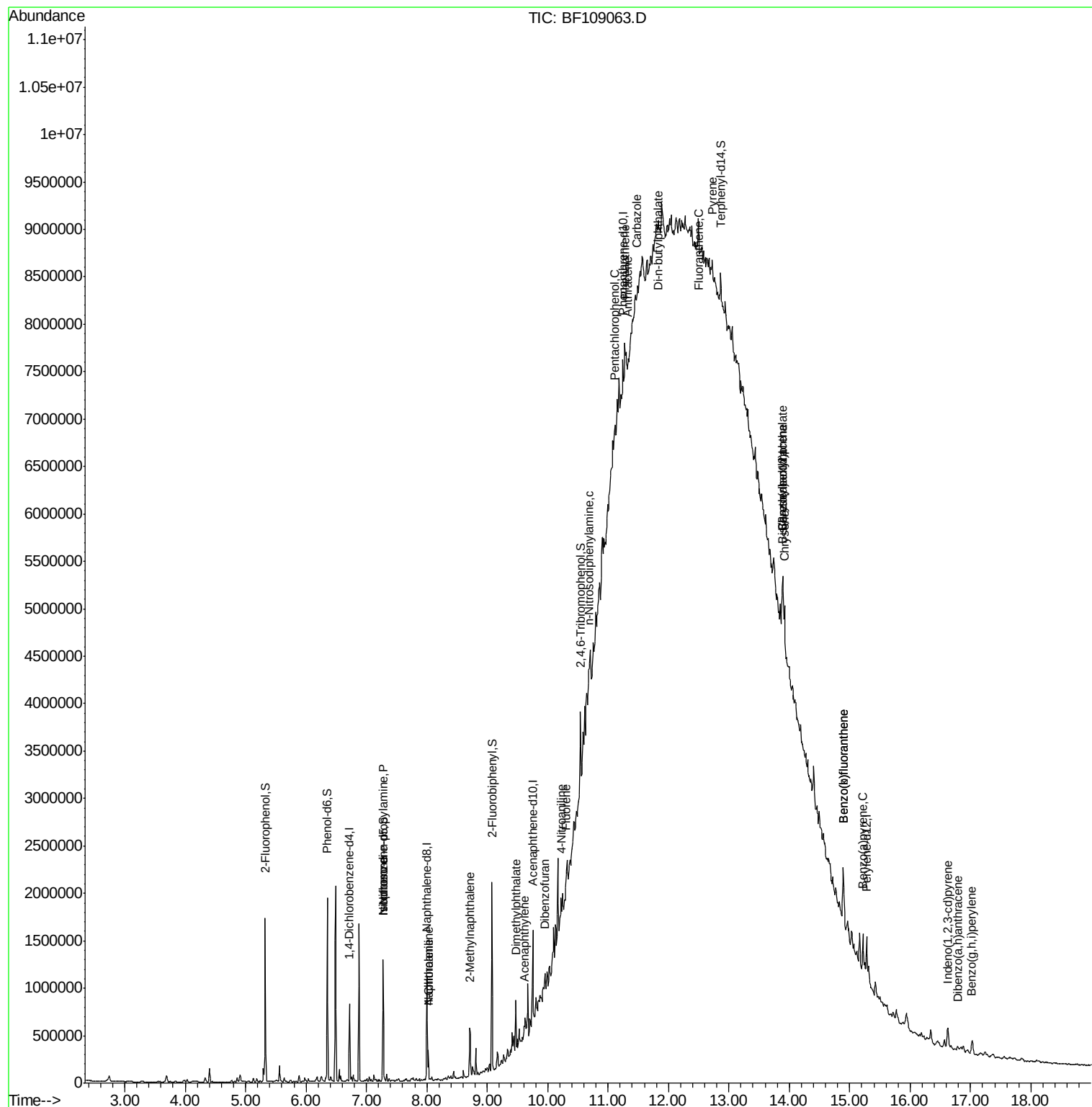
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.28	70	50044	8.611	ng	# 76
25) Isophorone	7.28	82	360079	30.667	ng	# 64
31) Naphthalene	8.02	128	119839	6.739	ng	# 98
33) 4-Chloroaniline	8.02	127	15959	2.019	ng	# 37
37) 2-Methylnaphthalene	8.71	142	85086	7.340	ng	# 100
48) Acenaphthylene	9.61	152	40322	2.614	ng	# 90
49) Dimethylphthalate	9.47	163	92624	8.115	ng	# 96
54) Dibenzofuran	9.95	168	35012	2.522	ng	# 79
57) Fluorene	10.30	166	20347	2.199	ng	# 73
61) 4-Nitroaniline	10.22	138	15077	5.324	ng	# 88
65) n-Nitrosodiphenylamine	10.68	169	33321	5.679	ng	# 88
69) Pentachlorophenol	11.11	266	4010	2.898	ng	# 8
70) Phenanthrene	11.28	178	201531	22.919	ng	# 80
71) Anthracene	11.32	178	44493	4.992	ng	# 26
72) Carbazole	11.48	167	23658	2.681	ng	# 1
73) Di-n-butylphthalate	11.83	149	41147	3.984	ng	# 36
74) Fluoranthene	12.49	202	270863	29.179	ng	# 86
77) Pyrene	12.72	202	272663	17.025	ng	# 90
80) Benzo(a)anthracene	13.89	228	240672	18.437	ng	# 90
82) Chrysene	13.92	228	247398	18.943	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.88	149	60993	7.042	ng	# 82
85) Indeno(1,2,3-cd)pyrene	16.62	276	123634	11.840	ng	# 88
87) Benzo(b)fluoranthene	14.89	252	383014	32.928	ng	# 93
88) Benzo(k)fluoranthene	14.89	252	383014	35.255	ng	# 96
89) Benzo(a)pyrene	15.22	252	200134	19.374	ng	# 97
90) Dibenzo(a,h)anthracene	16.78	278	26728	3.080	ng	# 94
91) Benzo(g,h,i)perylene	17.02	276	111439	12.844	ng	# 93

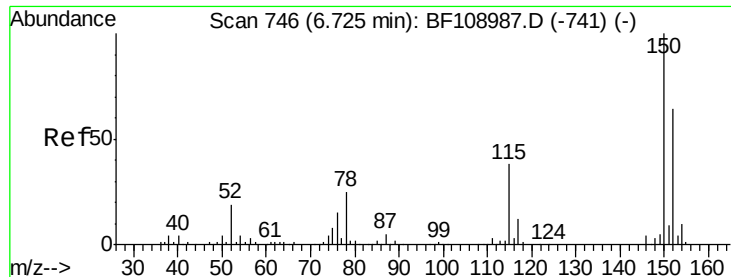
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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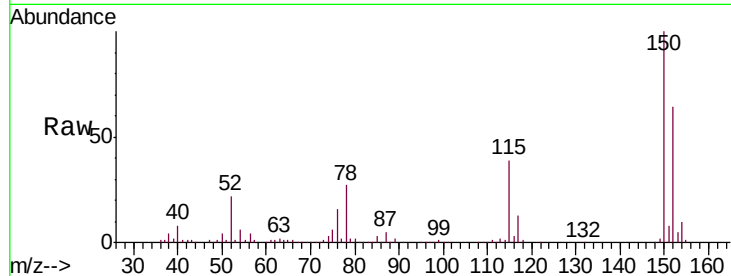




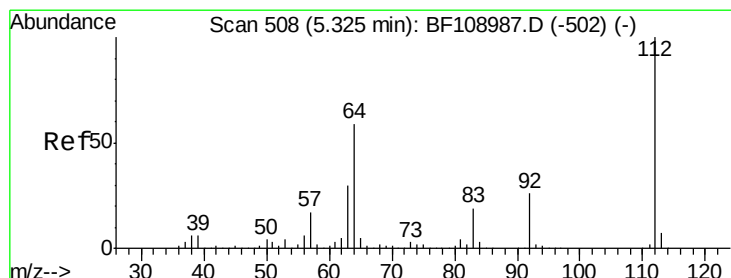
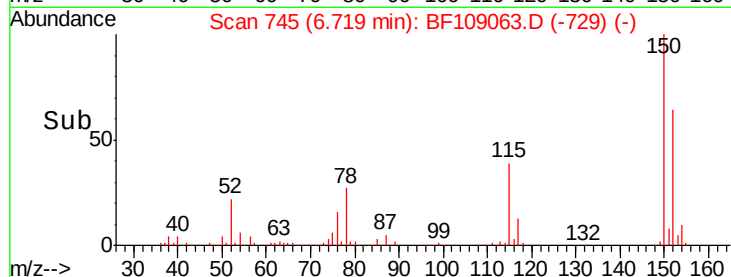
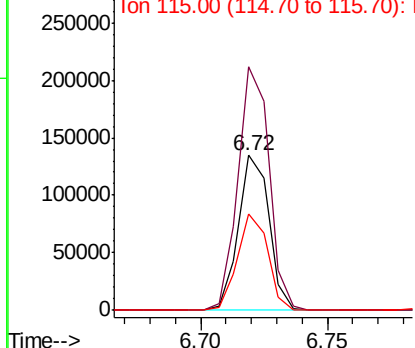
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-1

Tgt Ion:152 Resp: 113242
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 62.1 50.1 75.1

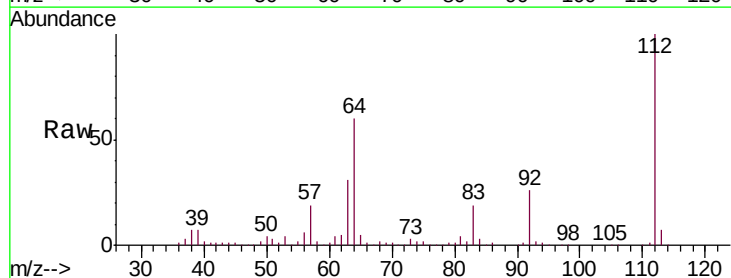


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

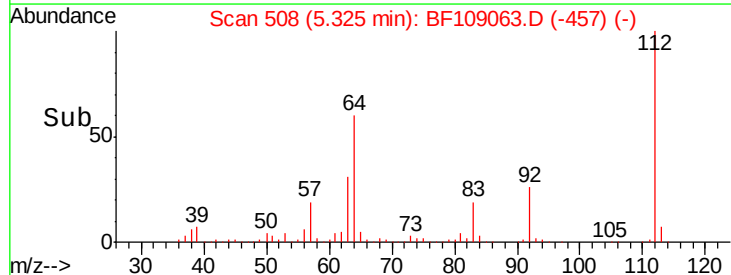
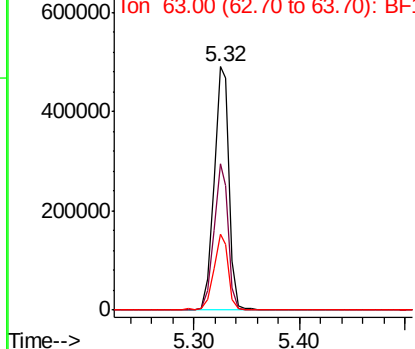


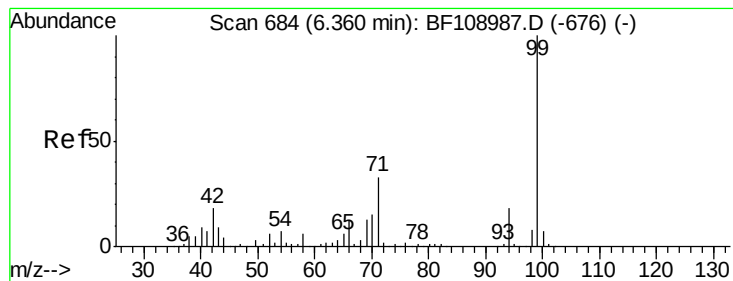
#5
 2-Fluorophenol
 Concen: 72.796 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

Tgt Ion:112 Resp: 496337
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.1 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: 68.785 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

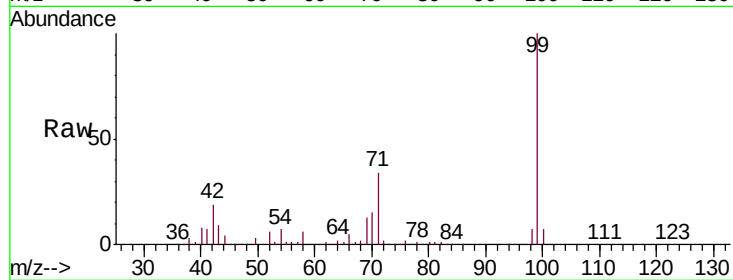
Tgt Ion: 99 Resp: 604738

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

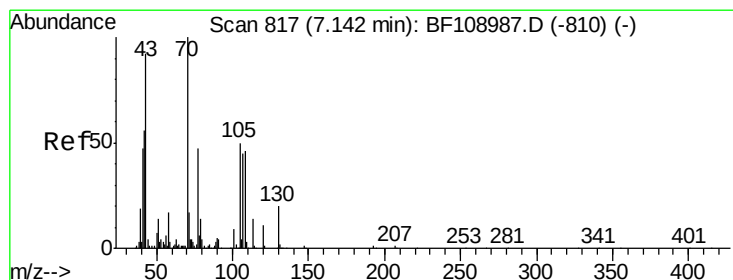
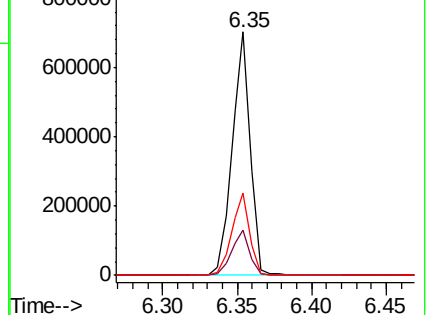
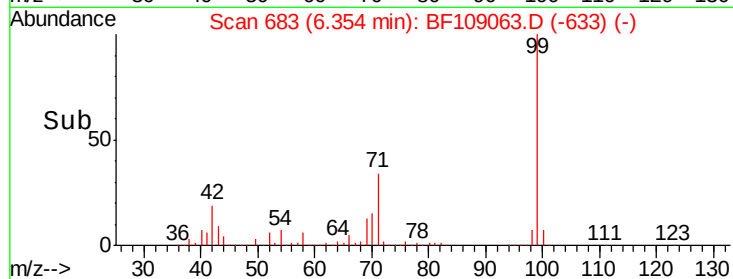
71 33.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.611 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Tgt Ion: 70 Resp: 50044

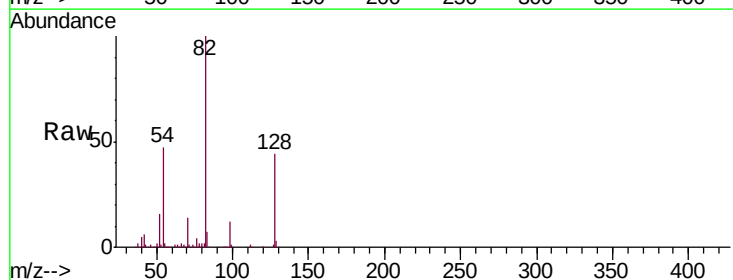
Ion Ratio Lower Upper

70 100

42 45.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

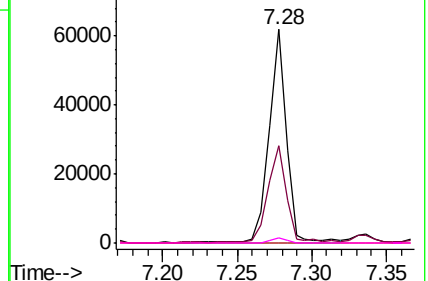
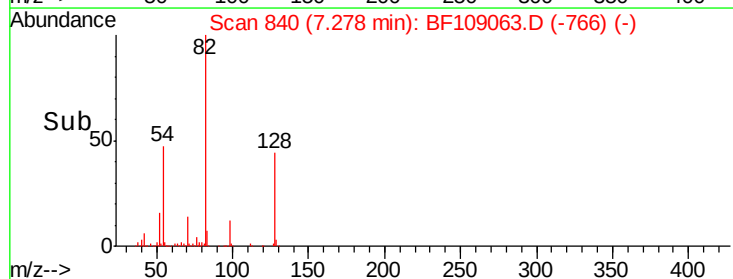


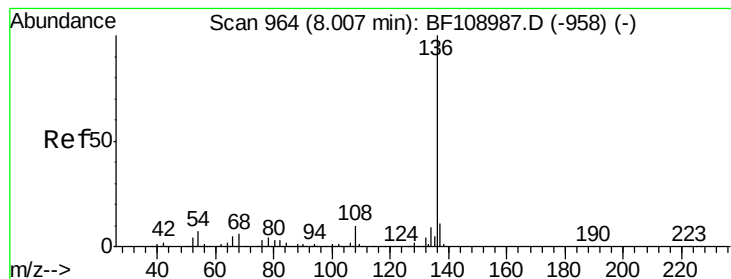
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

Tgt Ion:136 Resp: 383116

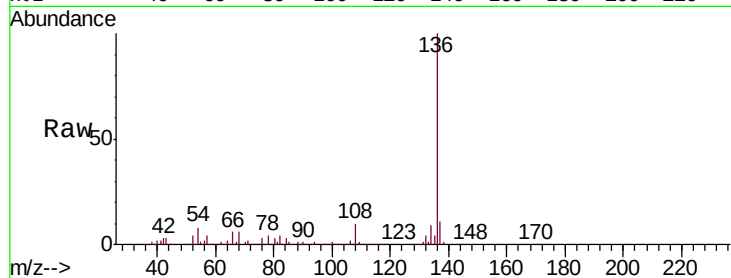
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 6.1 5.0 7.4

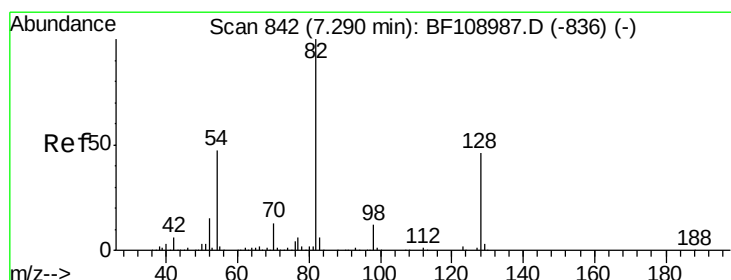
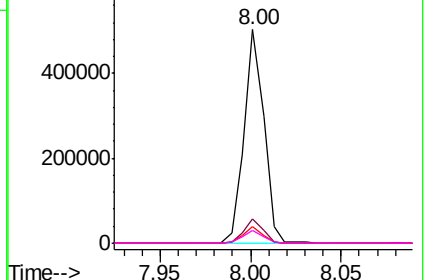
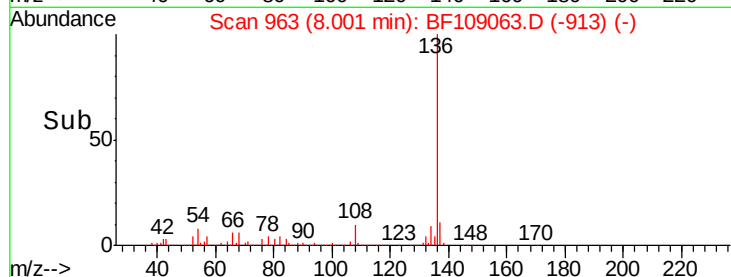


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 53.102 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

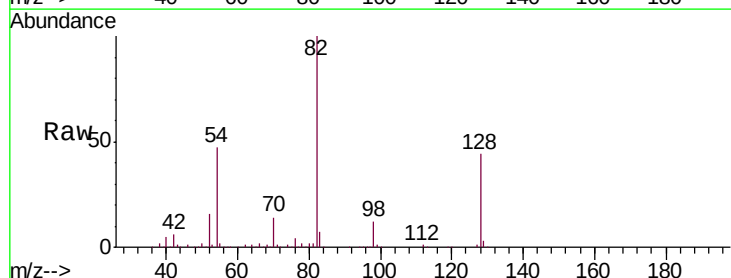
Tgt Ion: 82 Resp: 362716

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

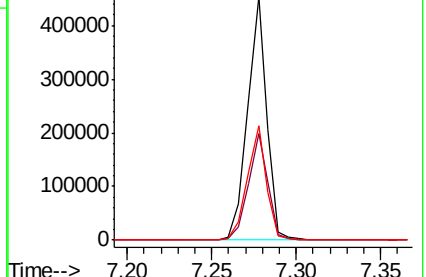
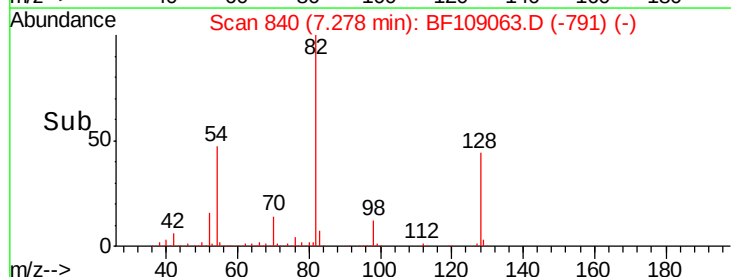
54 46.9 41.4 62.2

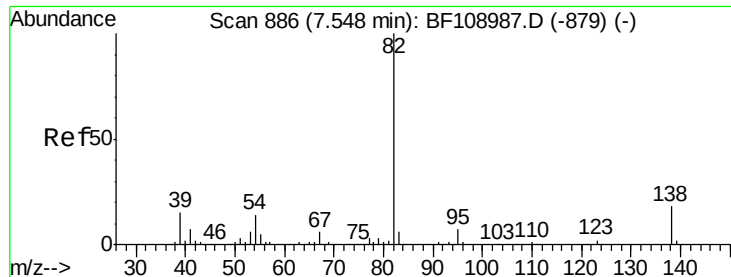


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.667 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

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PHASE-1

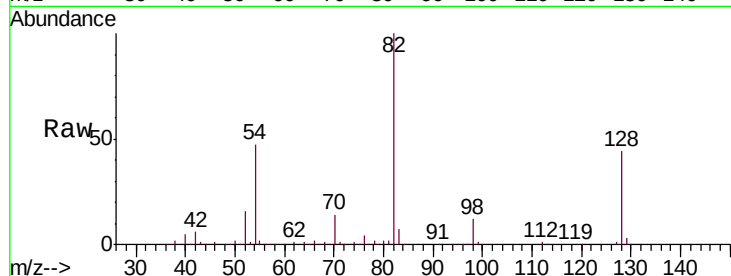
Tgt Ion: 82 Resp: 360079

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

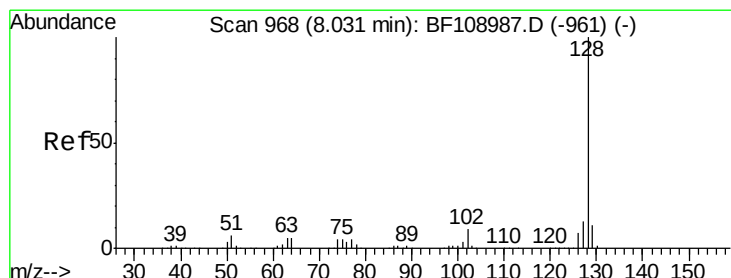
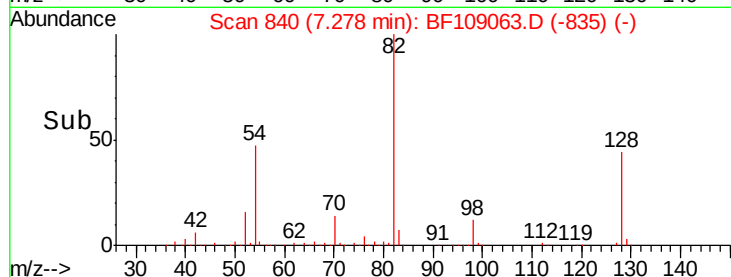
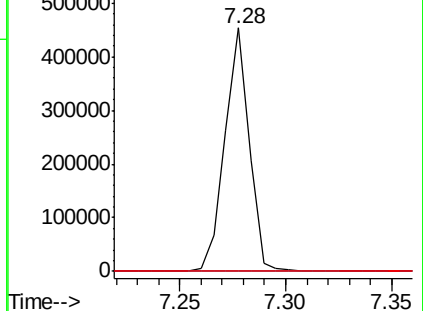
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 6.739 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

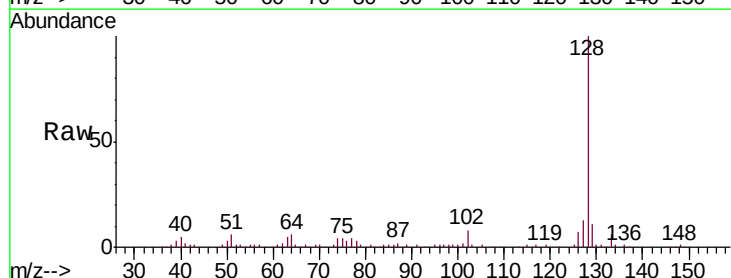
Tgt Ion: 128 Resp: 119839

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

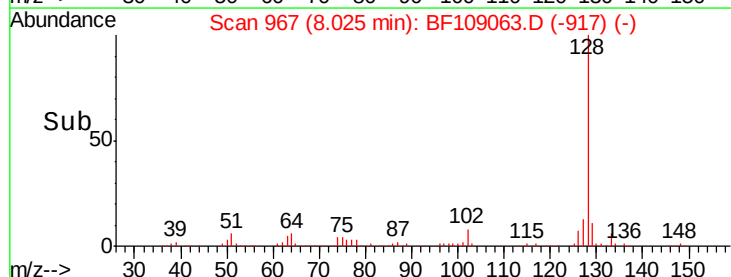
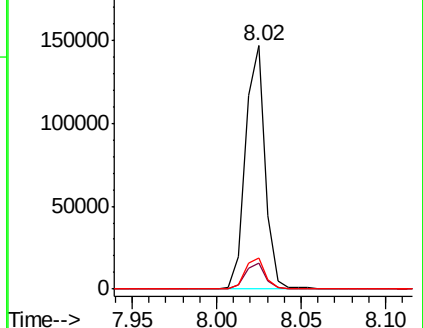
127 12.7 10.9 16.3

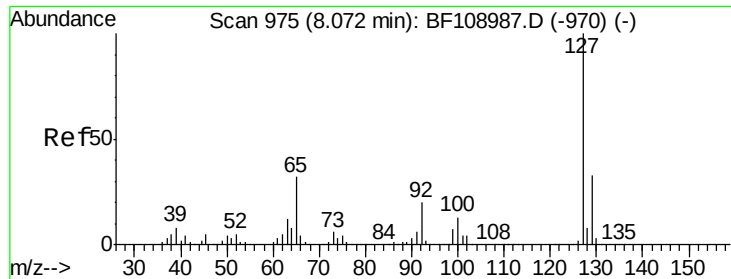


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

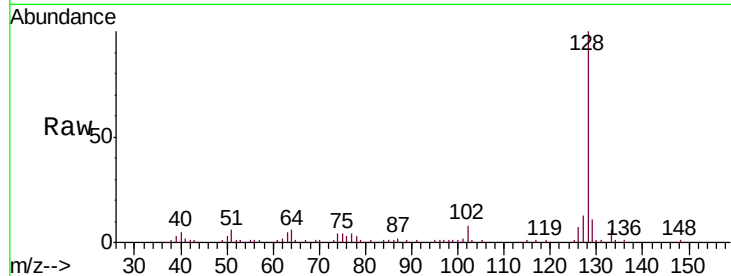




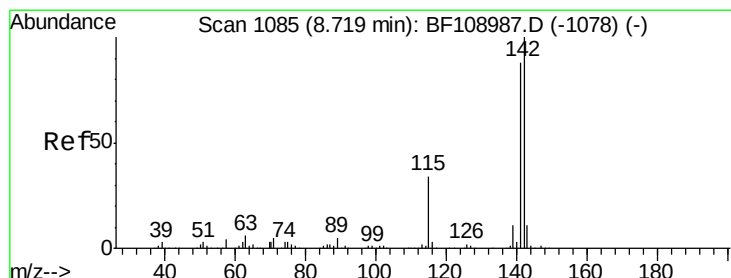
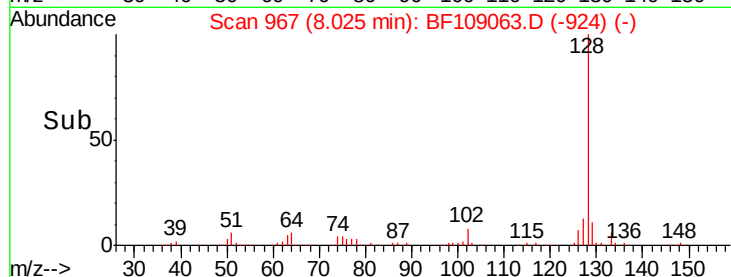
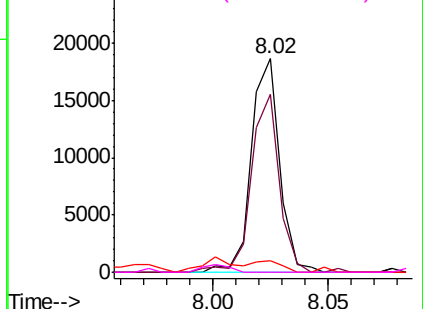
#33
4-Chloroaniline
Concen: 2.019 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109063.D
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Instrument :
BNA_F
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PHASE-1

Tgt Ion:	127	Resp:	15959
Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.9	38.9#
65	5.3	25.0	37.4#
92	0.0	15.2	22.8#

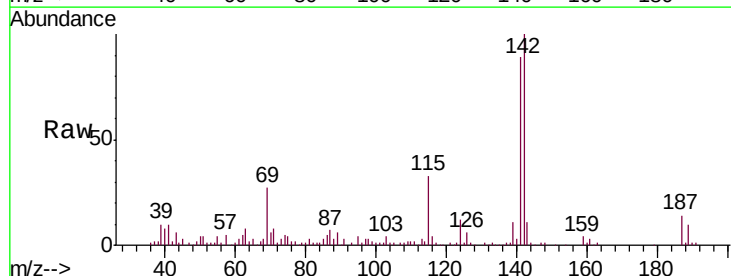


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

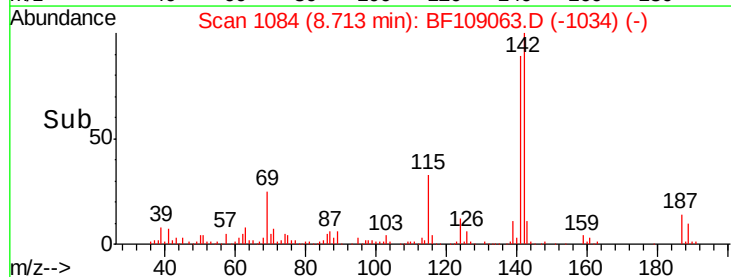
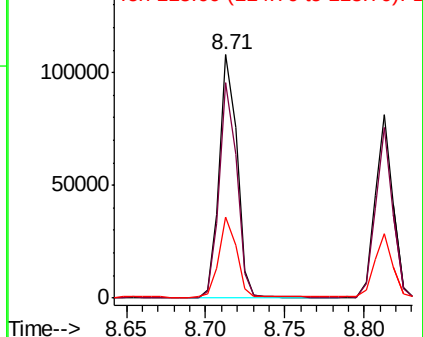


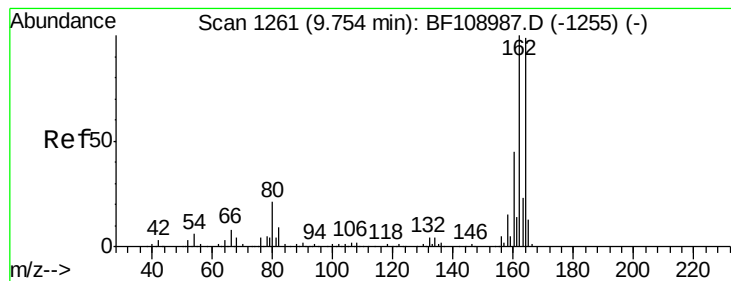
#37
2-Methylnaphthalene
Concen: 7.340 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:	142	Resp:	85086
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.4	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: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

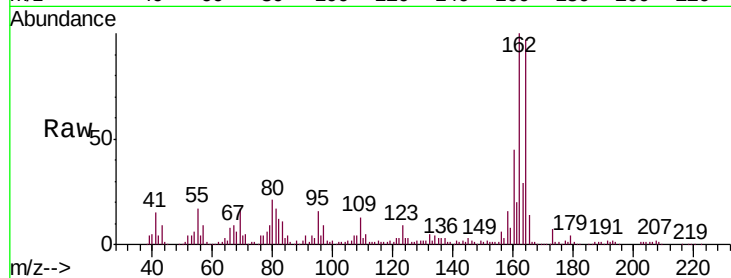
Tgt Ion:164 Resp: 159703

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

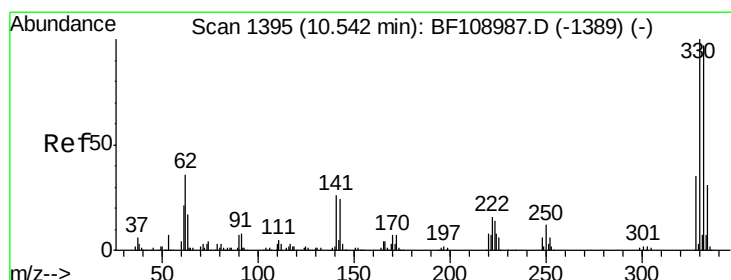
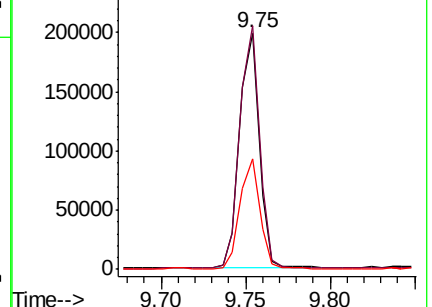
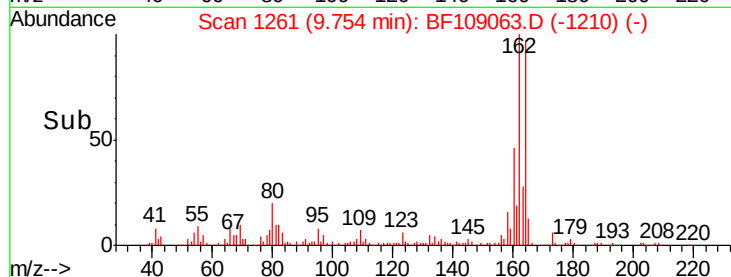
160 46.7 38.3 57.5



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: 62.489 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

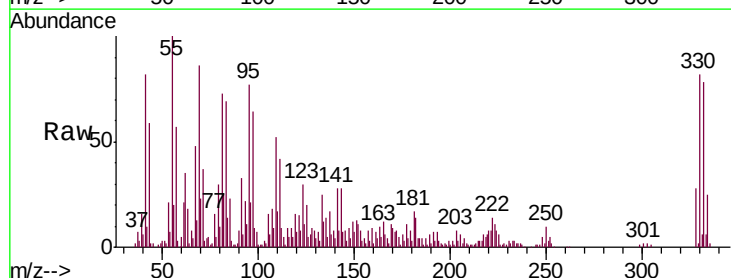
Tgt Ion:330 Resp: 108307

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

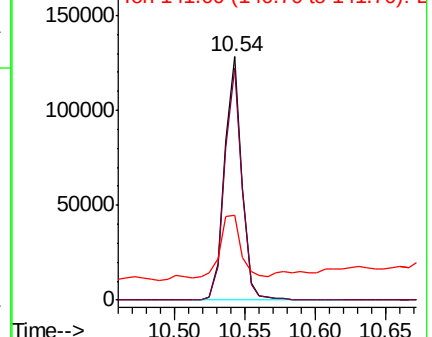
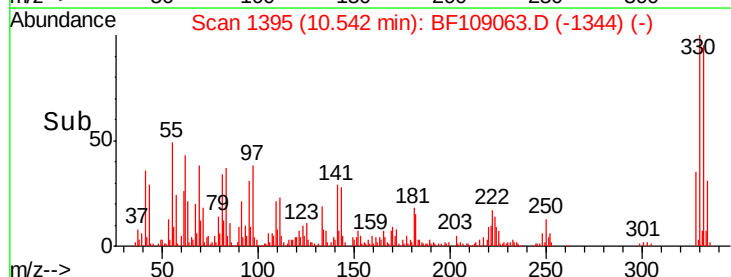
141 31.0 29.9 44.9

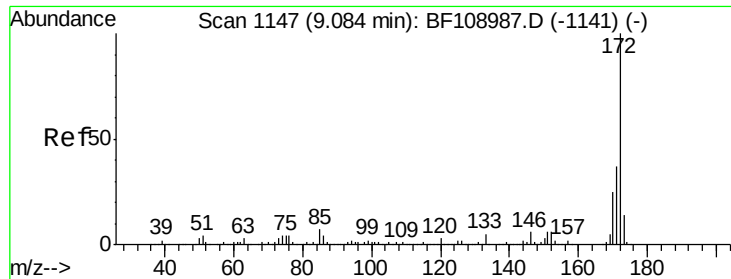


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

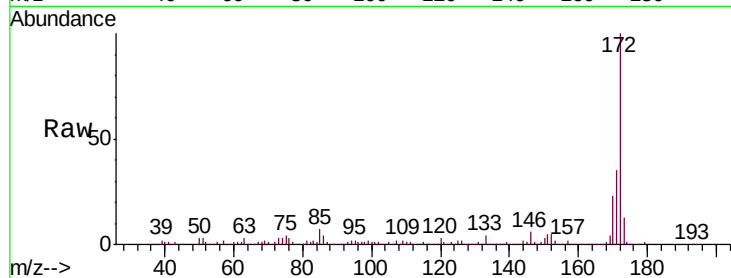




#44
2-Fluorobiphenyl
Concen: 50.905 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4

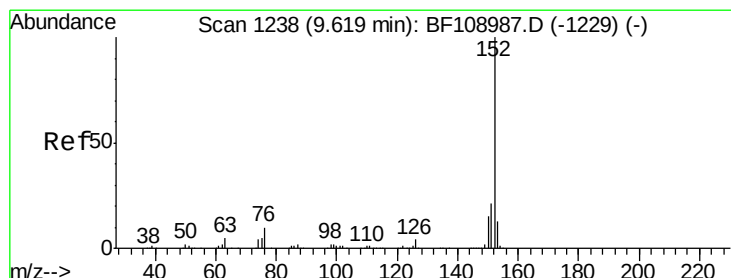
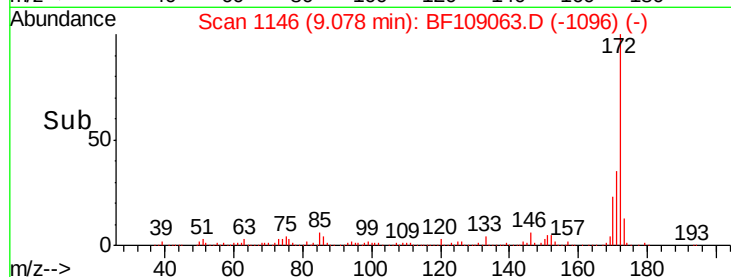
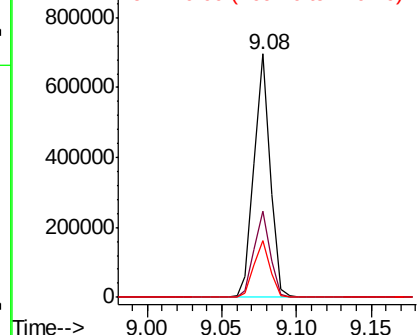


Abundance

Ion 172.00 (171.70 to 172.70): E

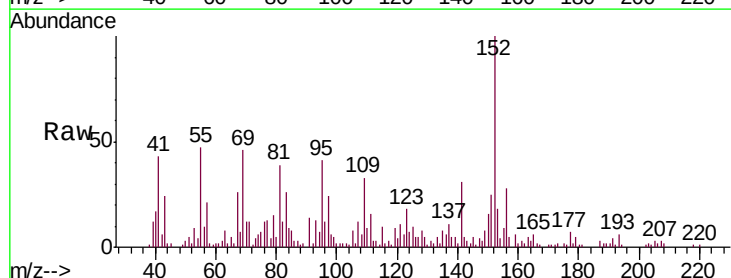
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#48
Acenaphthylene
Concen: 2.614 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.7	16.3	24.5#
153	17.7	10.7	16.1#

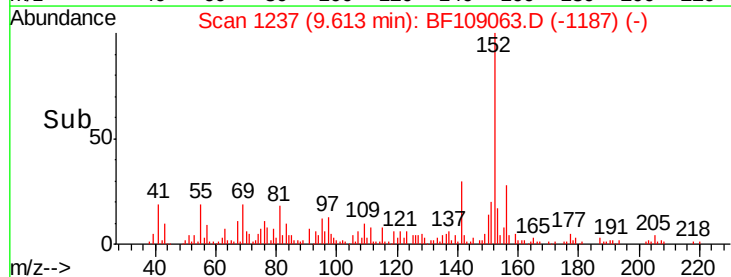
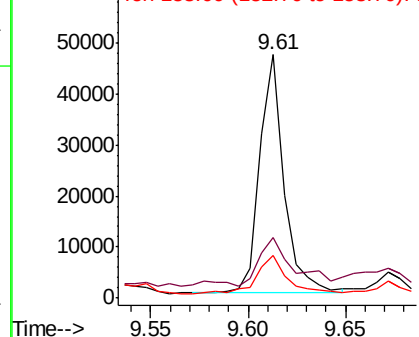


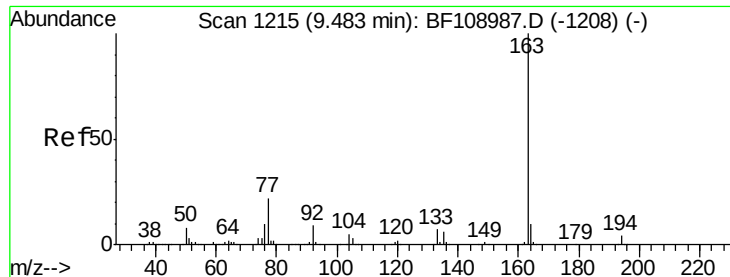
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 8.115 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

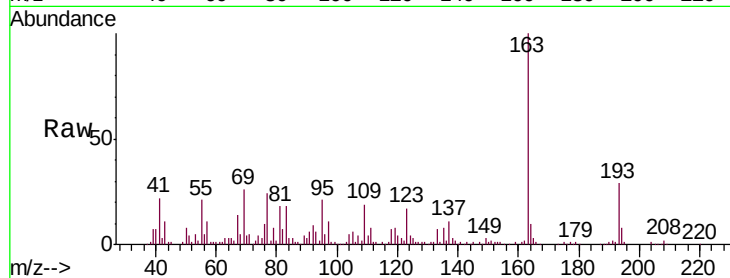
Tgt Ion:163 Resp: 92624

Ion Ratio Lower Upper

163 100

194 7.7 2.7 4.1#

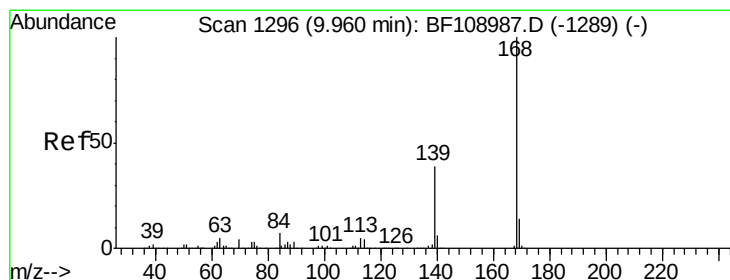
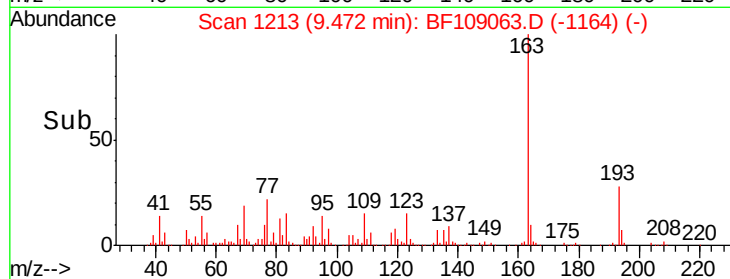
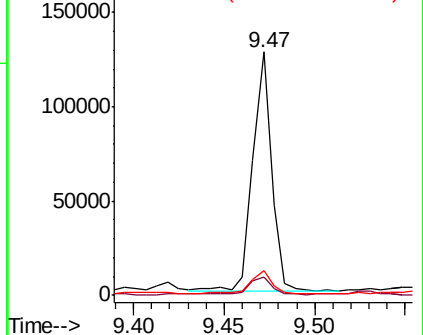
164 10.4 8.2 12.2



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



#54

Dibenzofuran

Concen: 2.522 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

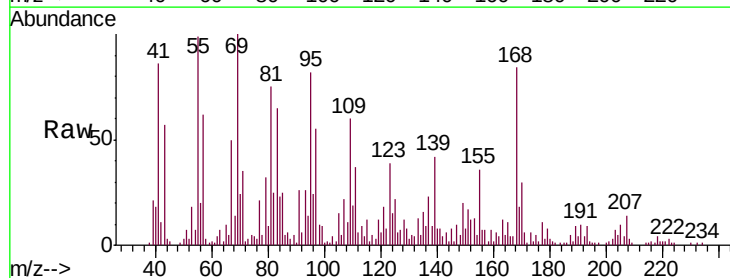
Tgt Ion:168 Resp: 35012

Ion Ratio Lower Upper

168 100

139 49.9 30.1 45.1#

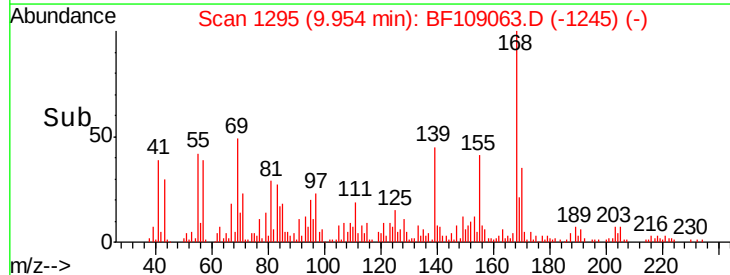
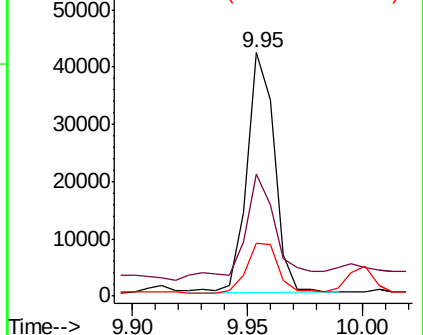
169 21.8 10.9 16.3#

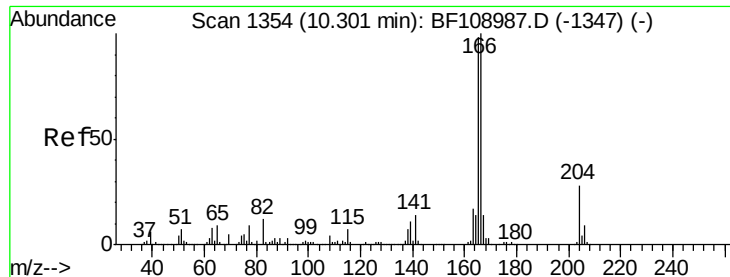


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.199 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

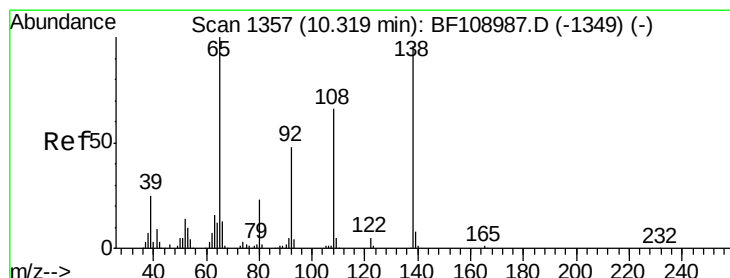
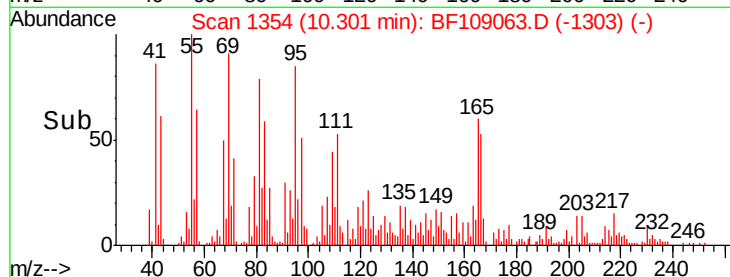
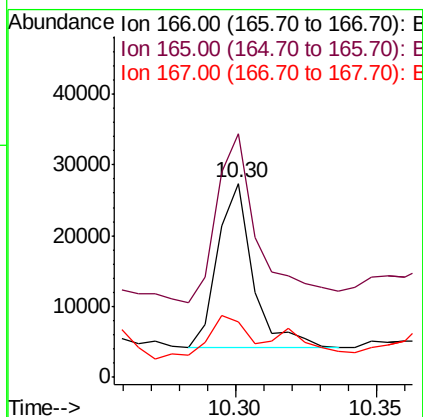
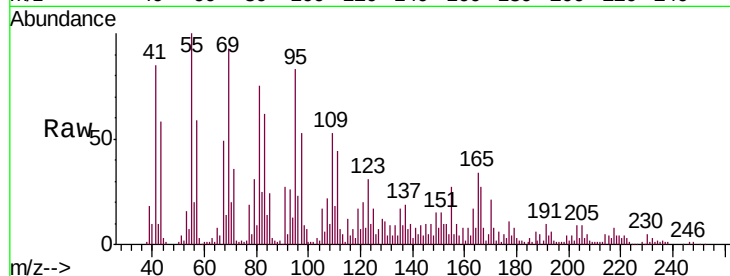
Tgt Ion:166 Resp: 20347

Ion Ratio Lower Upper

166 100

165 125.4 79.8 119.8#

167 28.7 10.6 16.0#



#61

4-Nitroaniline

Concen: 5.324 ng

RT: 10.22 min Scan# 1340

Delta R.T. -0.10 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

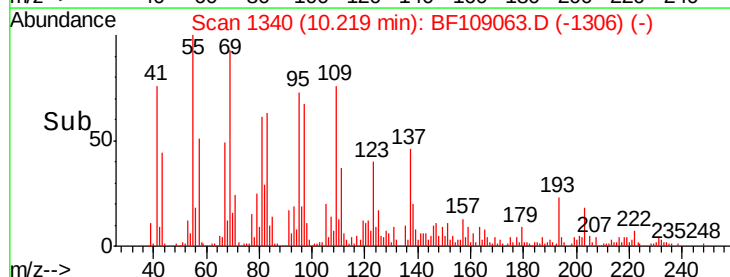
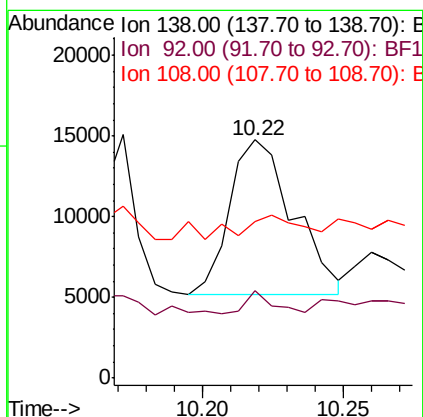
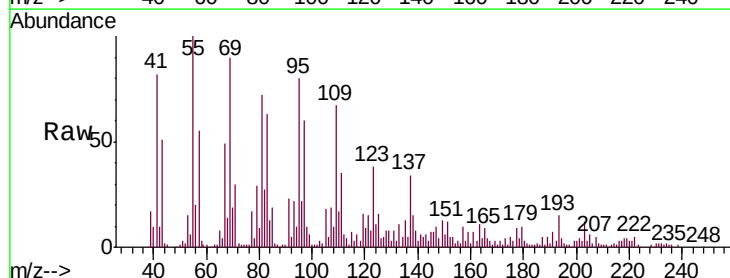
Tgt Ion:138 Resp: 15077

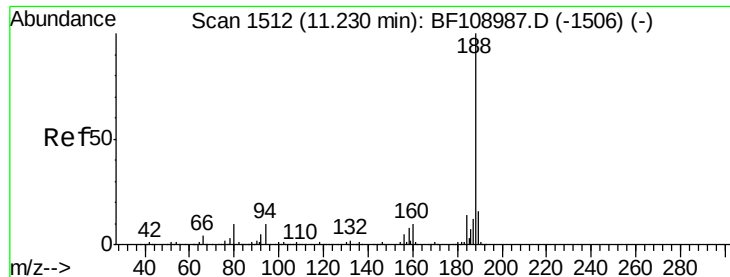
Ion Ratio Lower Upper

138 100

92 36.9 30.2 70.2

108 66.0 52.5 92.5

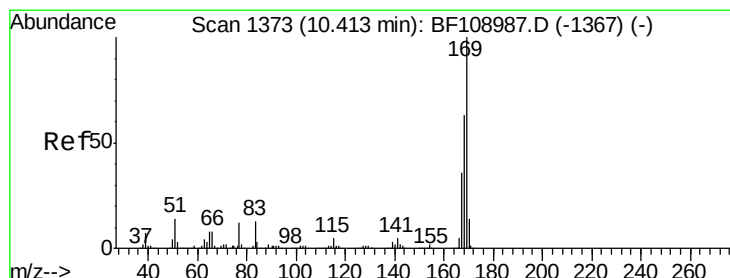
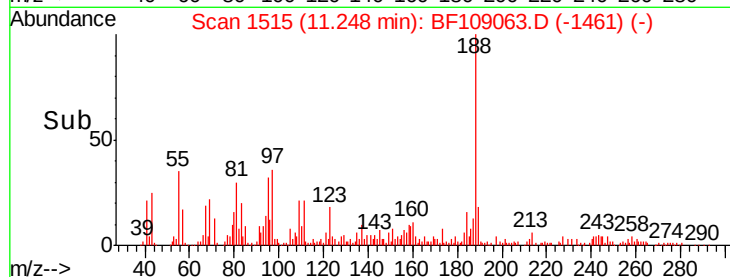
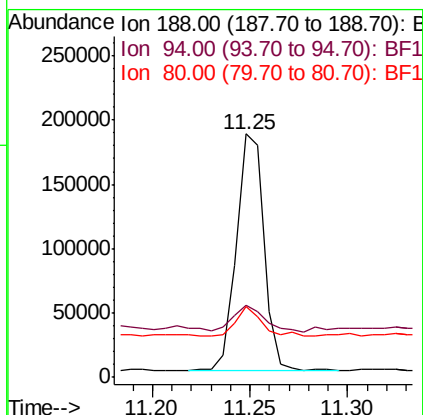
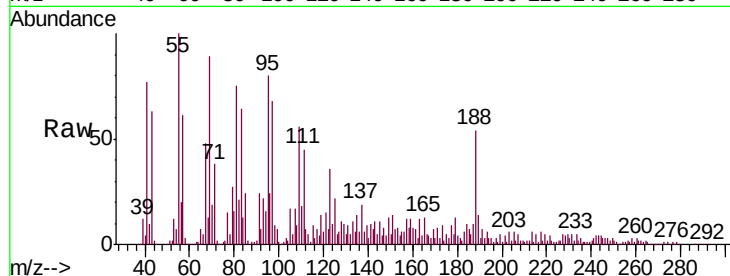




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

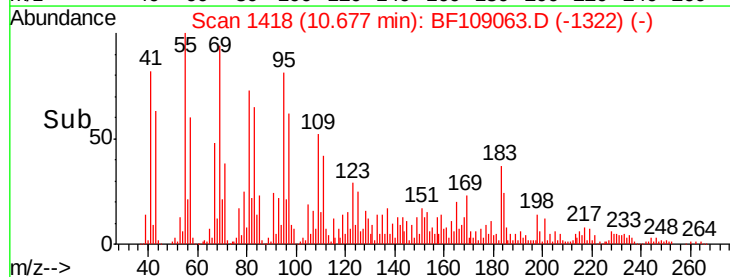
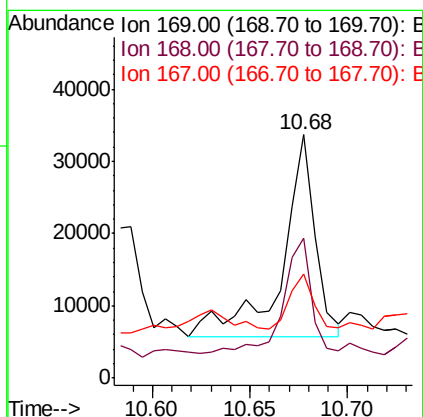
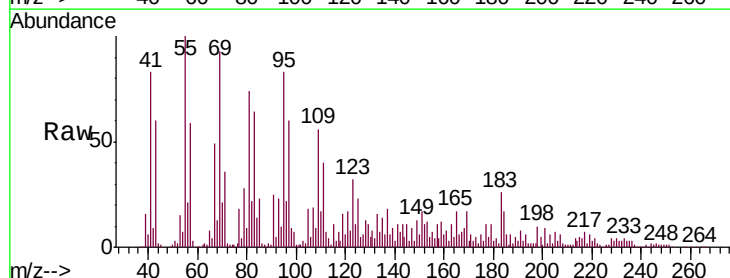
Instrument :
BNA_F
ClientSampleId :
PHASE-1

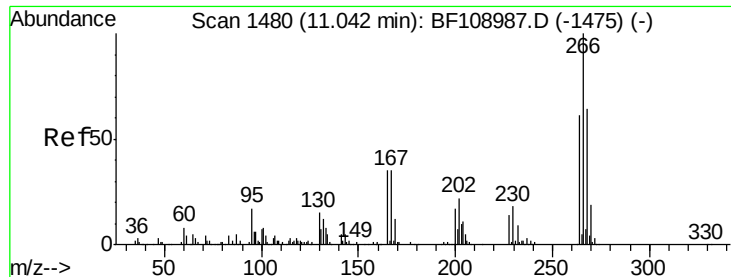
Tgt Ion:188 Resp: 179376
Ion Ratio Lower Upper
188 100
94 29.7 8.5 12.7#
80 29.0 9.2 13.8#



#65
n-Nitrosodiphenylamine
Concen: 5.679 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.26 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:169 Resp: 33321
Ion Ratio Lower Upper
169 100
168 57.3 54.4 81.6
167 42.5 29.8 44.6

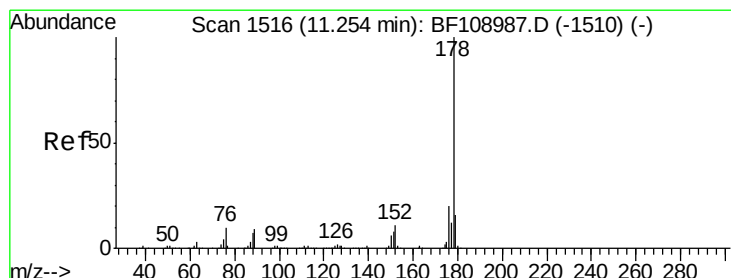
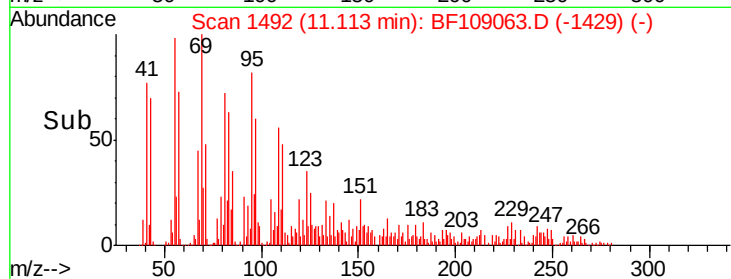
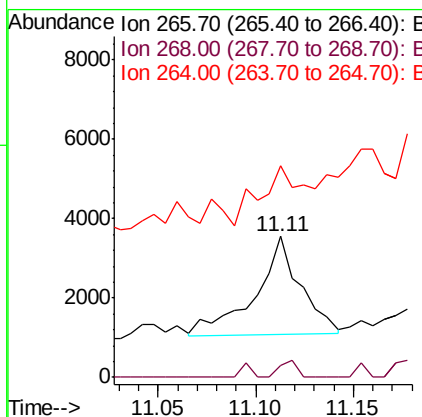
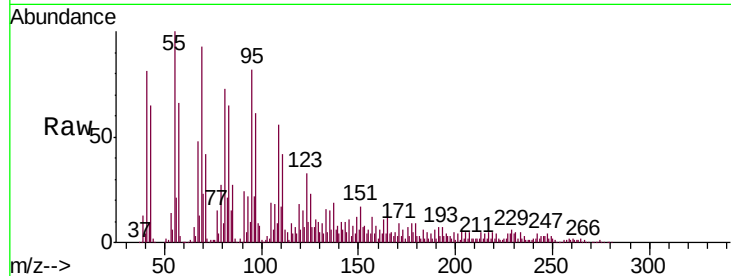




#69
 Pentachlorophenol
 Concen: 2.898 ng
 RT: 11.11 min Scan# 1492
 Delta R.T. 0.07 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

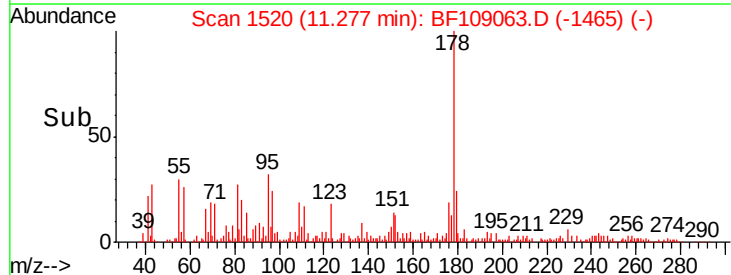
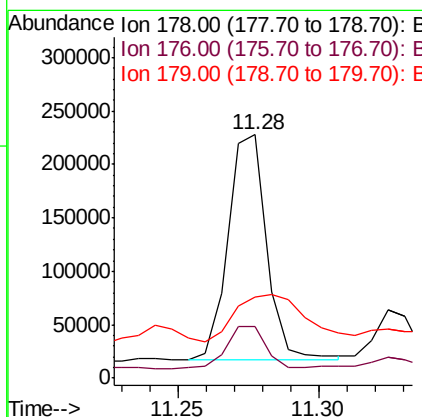
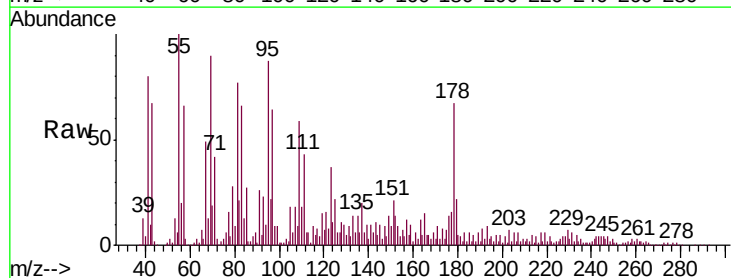
Instrument :
 BNA_F
 ClientSampleId :
 PHASE-1

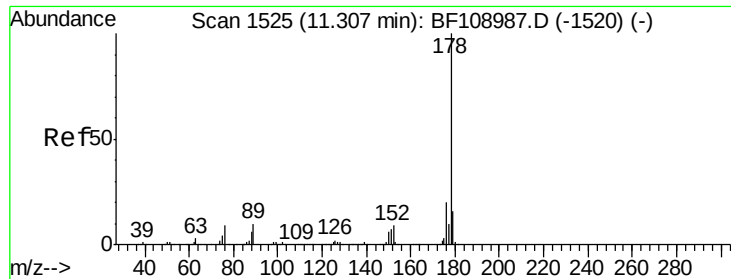
Tgt Ion	Ratio	Lower	Upper
266	100		
268	8.9	51.1	76.7#
264	150.4	49.5	74.3#



#70
 Phenanthrene
 Concen: 22.919 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.02 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	33.3	13.0	19.6#

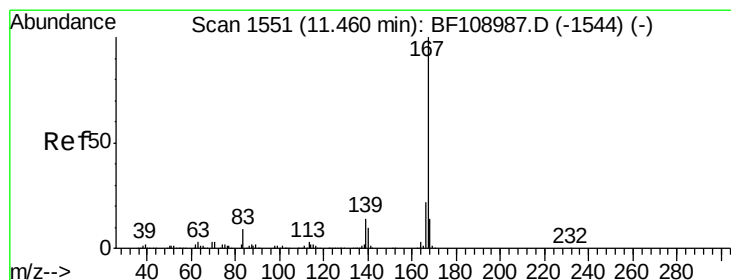
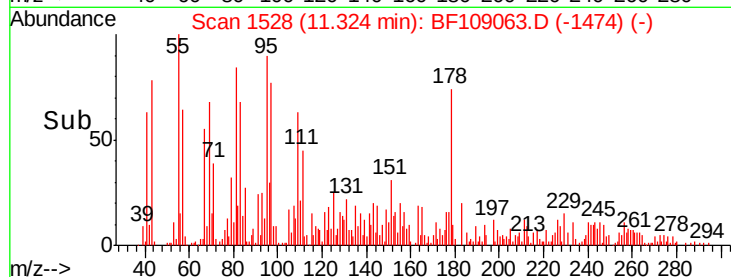
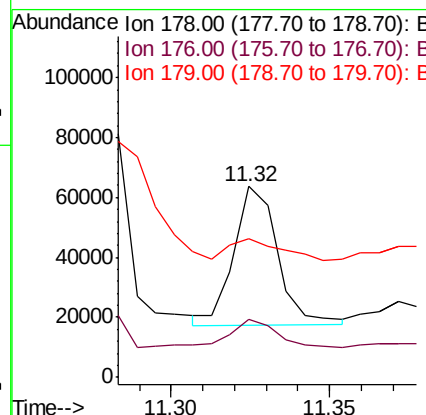
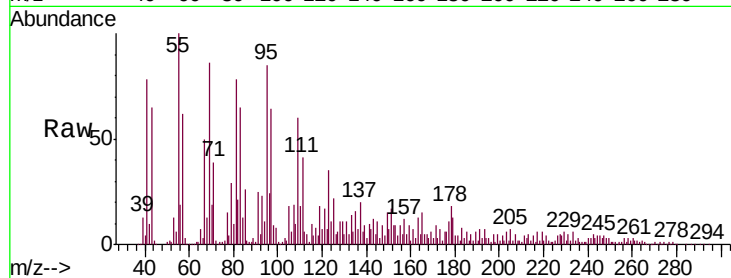




#71
 Anthracene
 Concen: 4.992 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.02 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

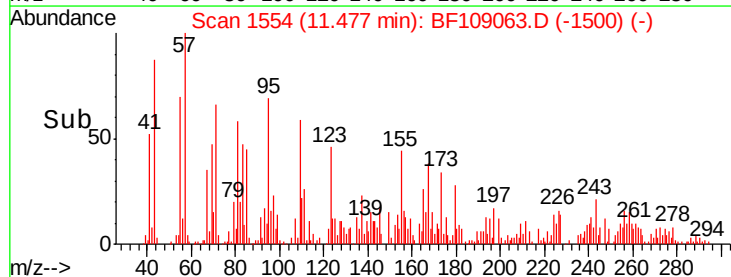
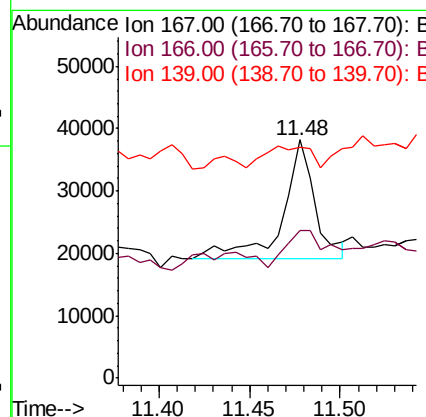
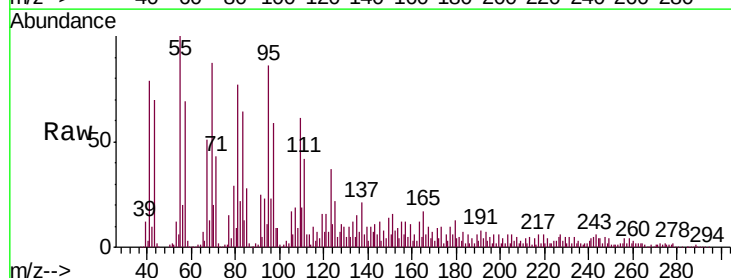
Instrument :
 BNA_F
 ClientSampleId :
 PHASE-1

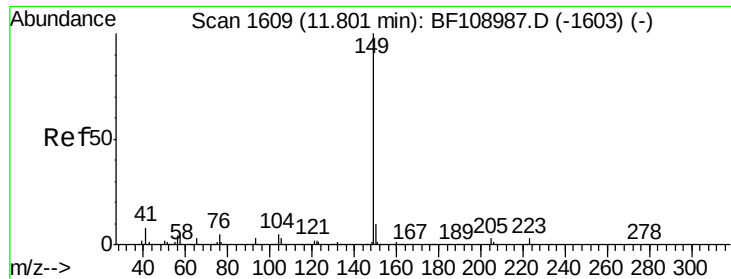
Tgt Ion:178 Resp: 44493
 Ion Ratio Lower Upper
 178 100
 176 30.6 15.4 23.2#
 179 72.5 12.6 19.0#



#72
 Carbazole
 Concen: 2.681 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.02 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

Tgt Ion:167 Resp: 23658
 Ion Ratio Lower Upper
 167 100
 166 62.3 17.6 26.4#
 139 97.0 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 3.984 ng

RT: 11.83 min Scan# 1614

Delta R.T. 0.03 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

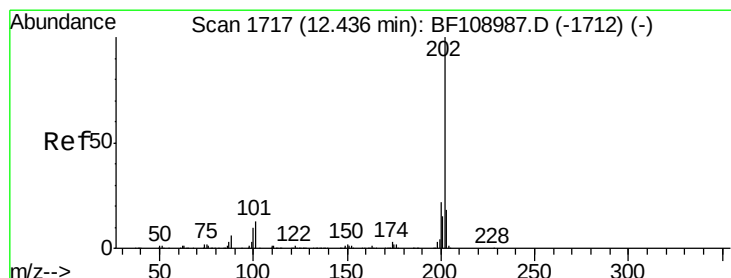
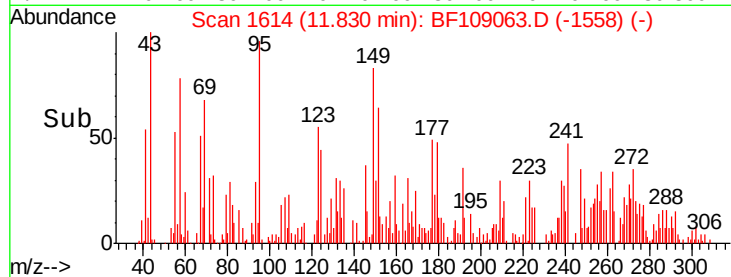
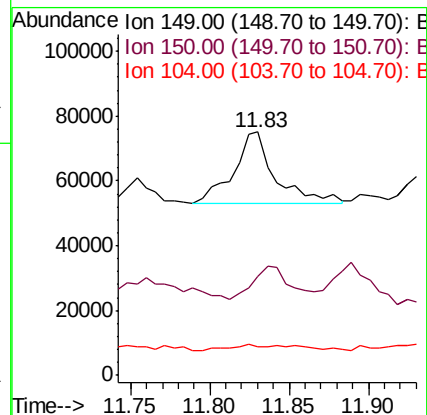
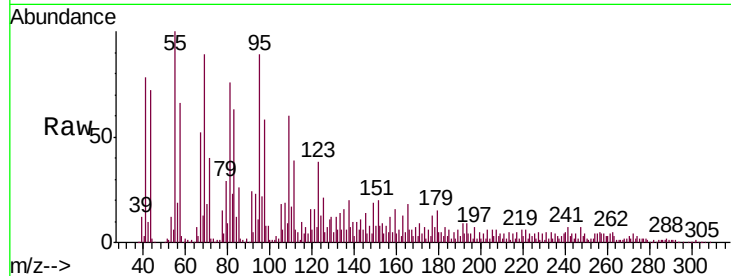
Tgt Ion:149 Resp: 41147

Ion Ratio Lower Upper

149 100

150 40.9 7.8 11.6#

104 11.6 3.8 5.8#



#74

Fluoranthene

Concen: 29.179 ng

RT: 12.49 min Scan# 1727

Delta R.T. 0.06 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

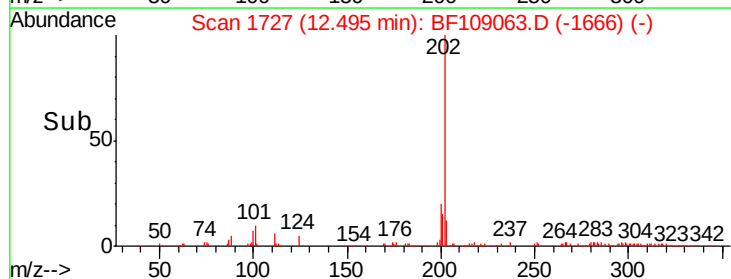
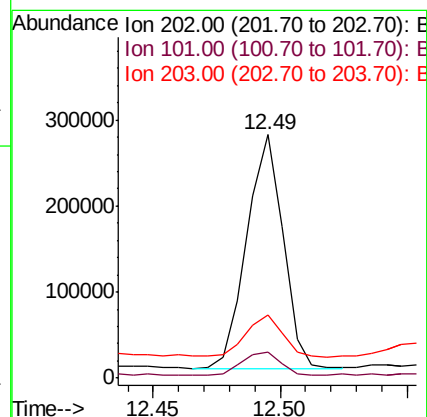
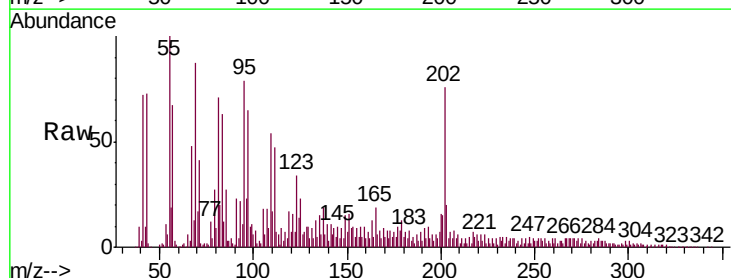
Tgt Ion:202 Resp: 270863

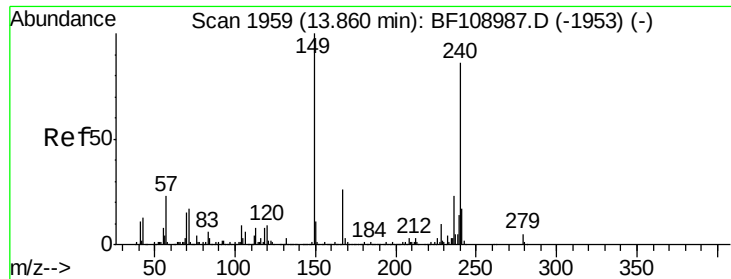
Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

203 26.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 1965

Delta R.T. 0.04 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

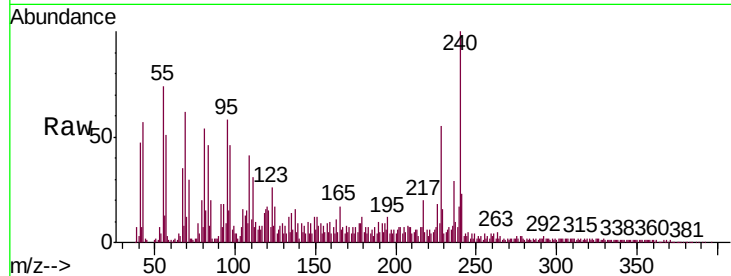
Tgt Ion:240 Resp: 215612

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

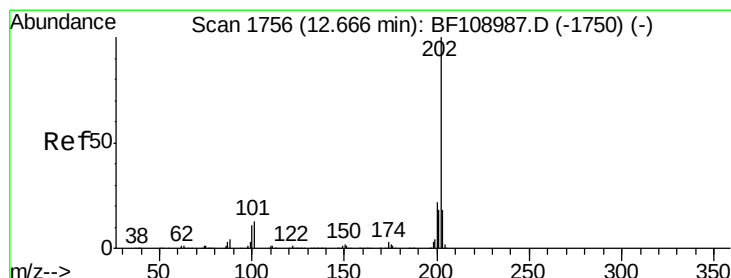
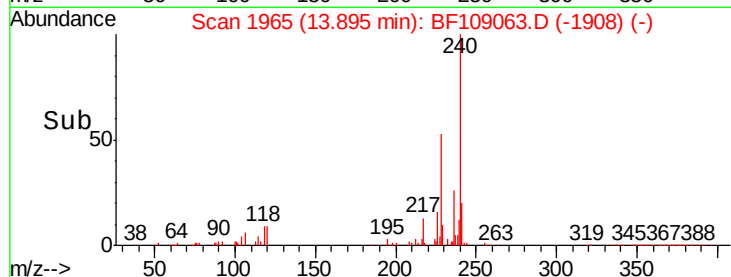
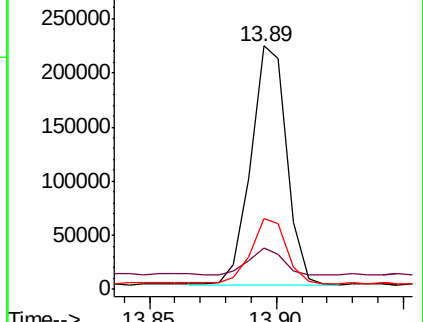
236 28.8 20.7 31.1



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



#77

Pyrene

Concen: 17.025 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.06 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

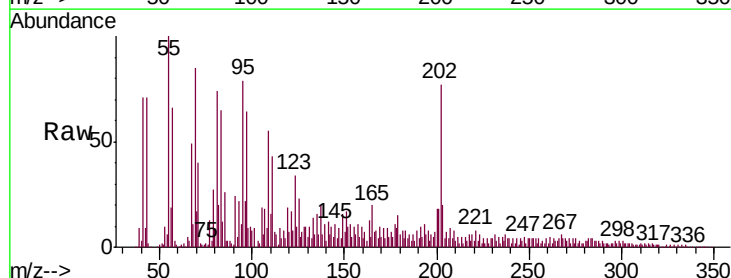
Tgt Ion:202 Resp: 272663

Ion Ratio Lower Upper

202 100

200 23.0 17.4 26.2

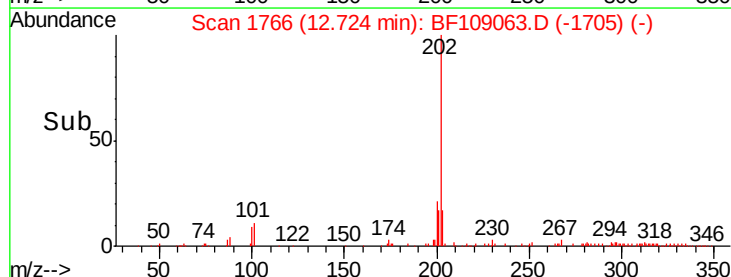
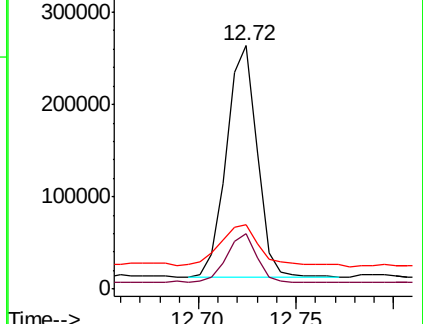
203 26.3 14.3 21.5#

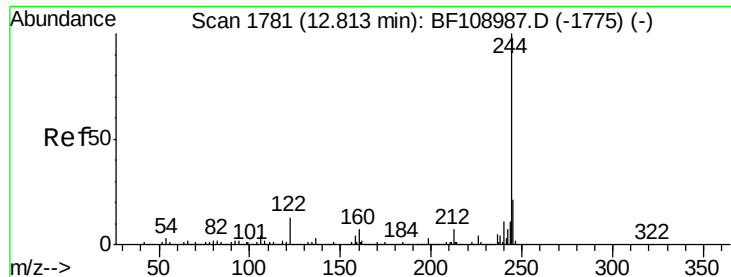


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 32.451 ng

RT: 12.87 min Scan# 1790

Delta R.T. 0.05 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

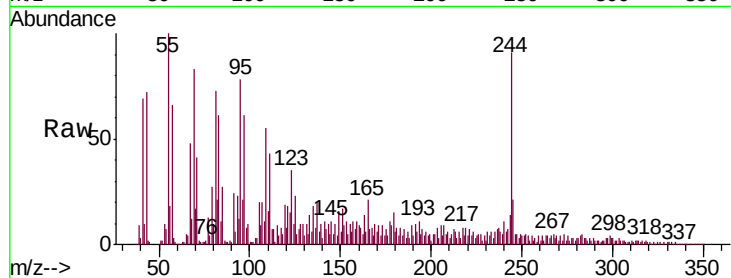
Tgt Ion:244 Resp: 295191

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

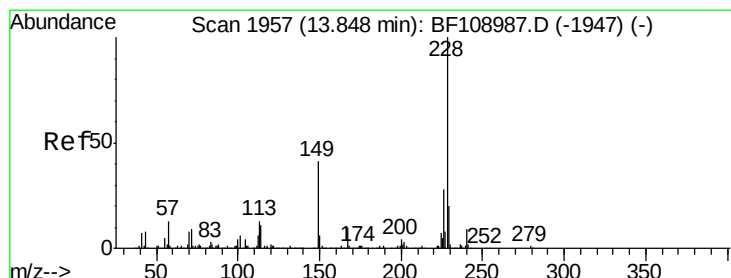
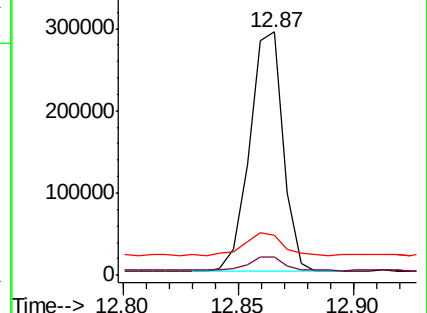
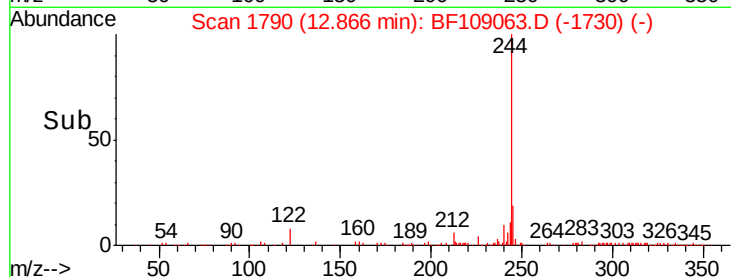
122 16.6 11.0 16.4#



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



#80

Benzo(a)anthracene

Concen: 18.437 ng

RT: 13.89 min Scan# 1964

Delta R.T. 0.04 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

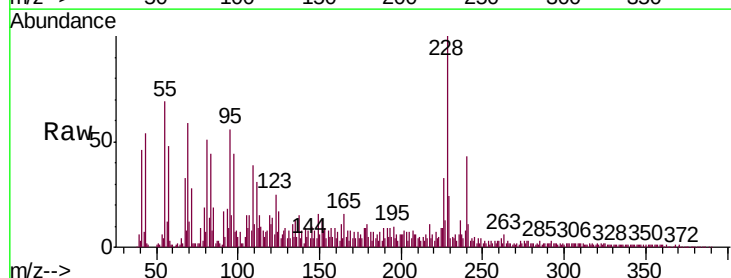
Tgt Ion:228 Resp: 240672

Ion Ratio Lower Upper

228 100

226 33.2 22.6 33.8

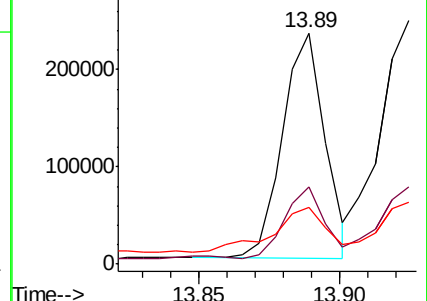
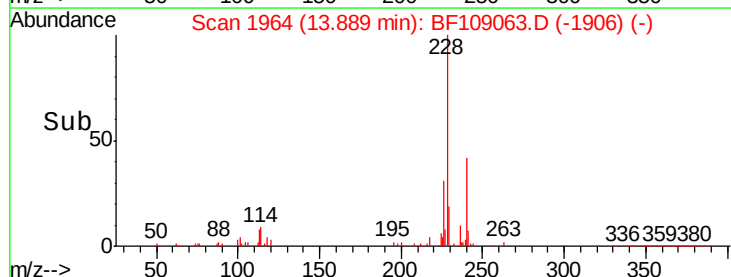
229 24.5 15.8 23.6#

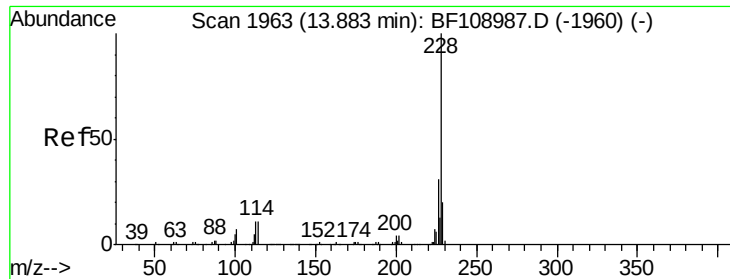


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 18.943 ng

RT: 13.92 min Scan# 1970

Delta R.T. 0.04 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

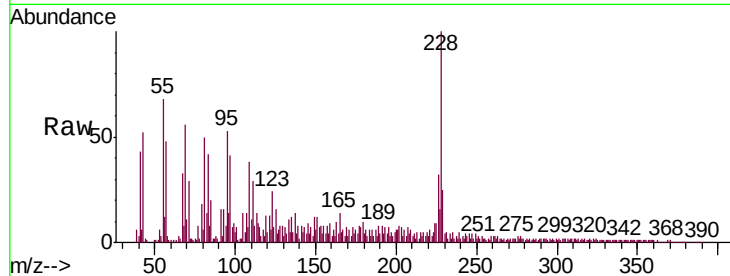
Tgt Ion:228 Resp: 247398

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

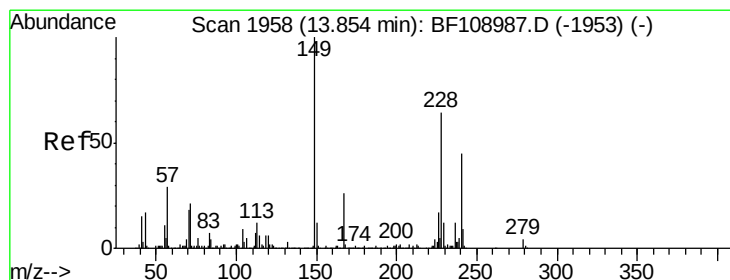
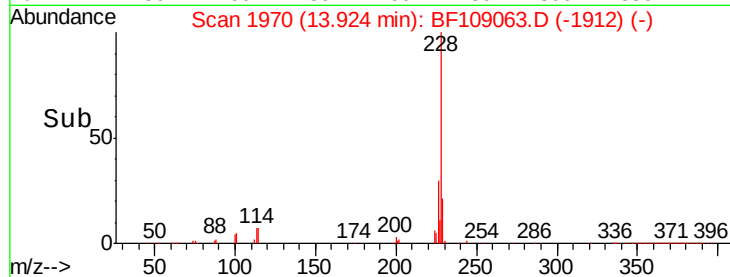
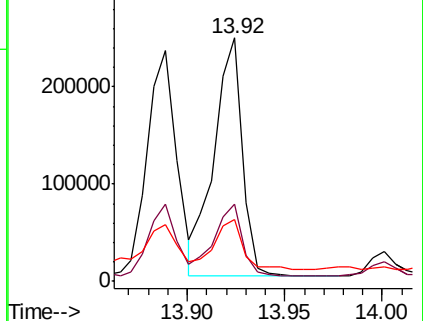
229 25.3 16.2 24.4#



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

Bis(2-ethylhexyl)phthalate

Concen: 7.042 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.02 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

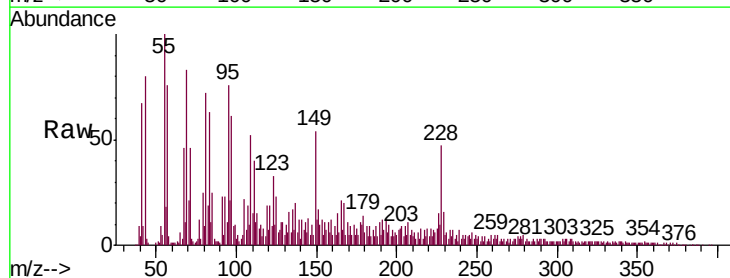
Tgt Ion:149 Resp: 60993

Ion Ratio Lower Upper

149 100

167 36.1 21.3 31.9#

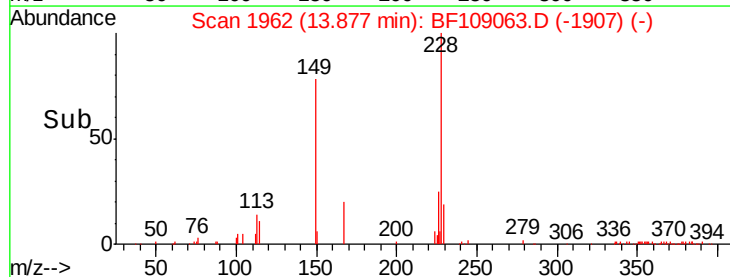
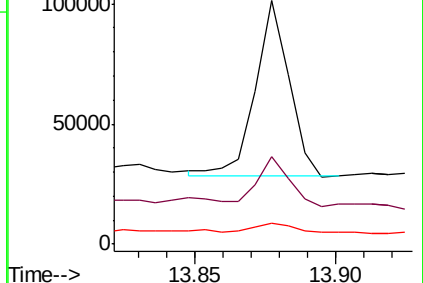
279 8.5 3.0 4.4#

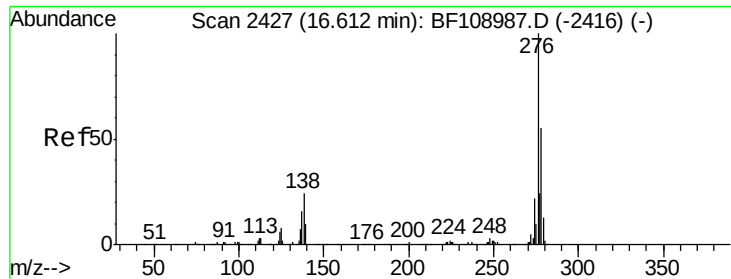


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

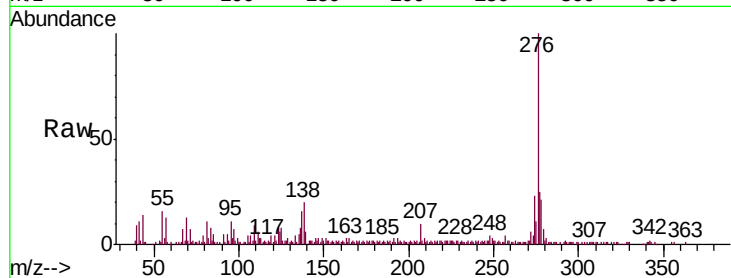




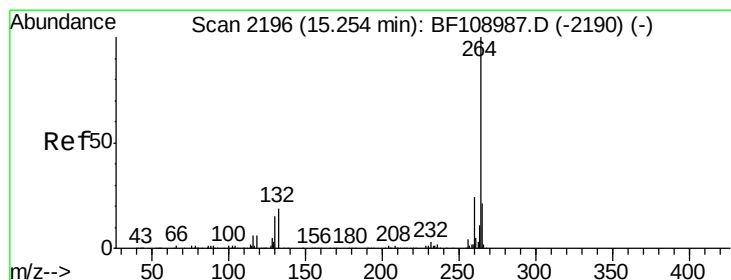
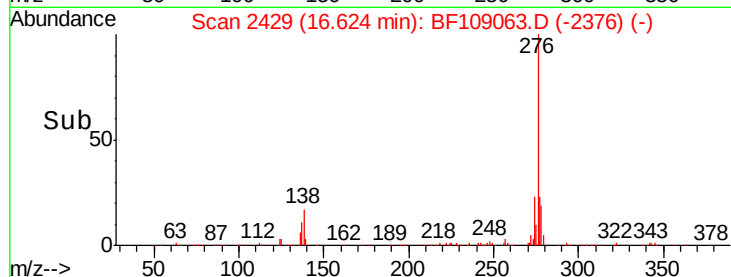
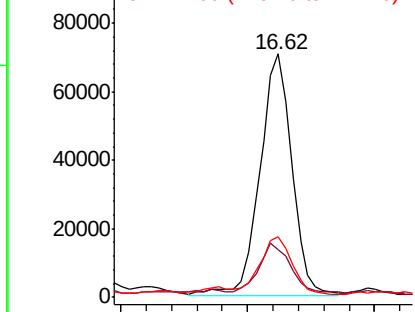
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.840 ng
 RT: 16.62 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	25.0	37.6#
277	24.8	20.1	30.1

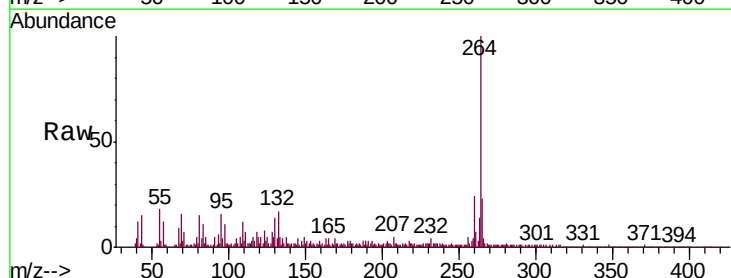


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

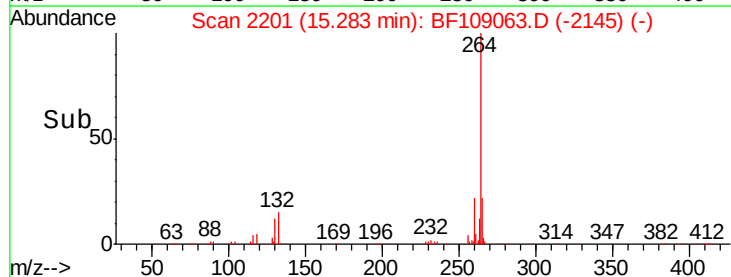
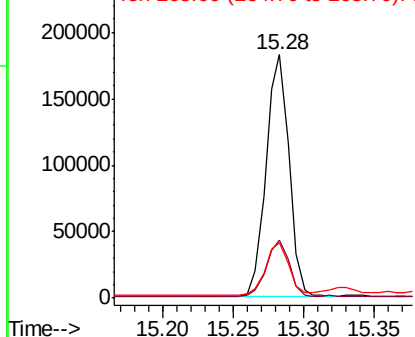


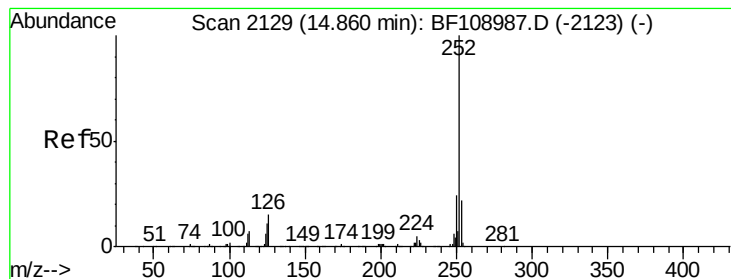
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.03 min
 Lab File: BF109063.D
 Acq: 17 Sep 2018 22:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.9	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





#87

Benzo(b)fluoranthene

Concen: 32.928 ng

RT: 14.89 min Scan# 2134

Delta R.T. 0.03 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

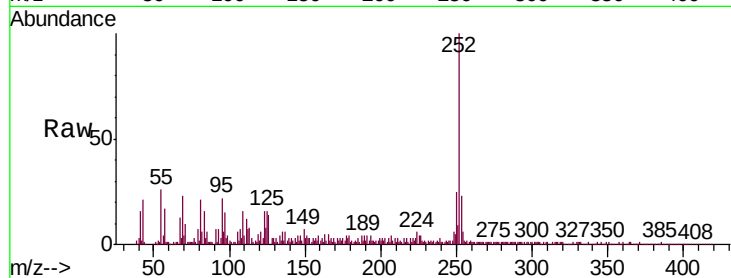
Tgt Ion:252 Resp: 383014

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

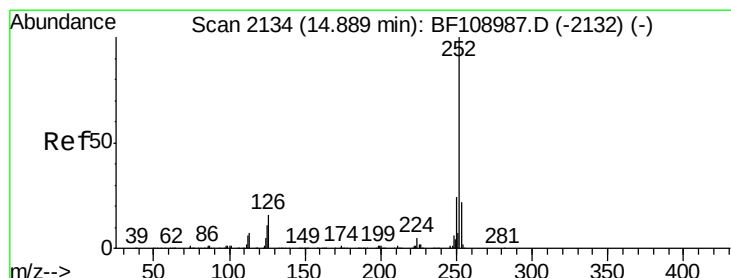
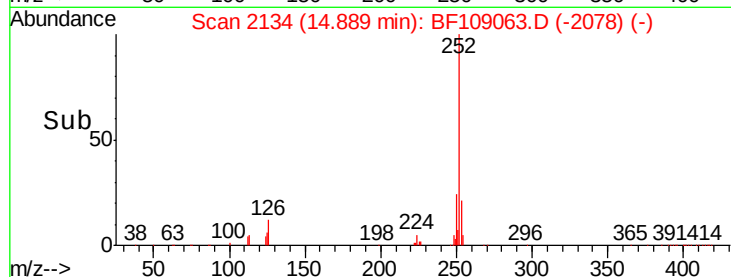
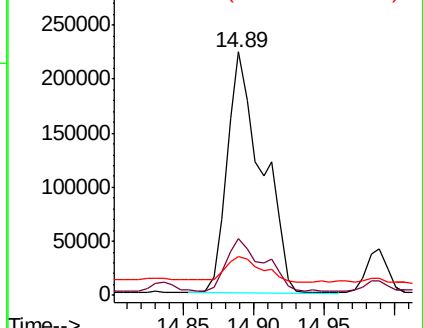
125 15.8 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 35.255 ng

RT: 14.89 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

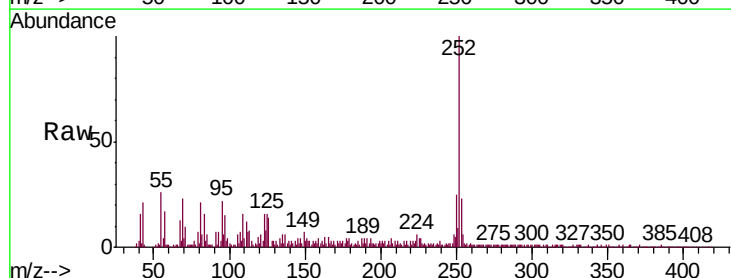
Tgt Ion:252 Resp: 383014

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

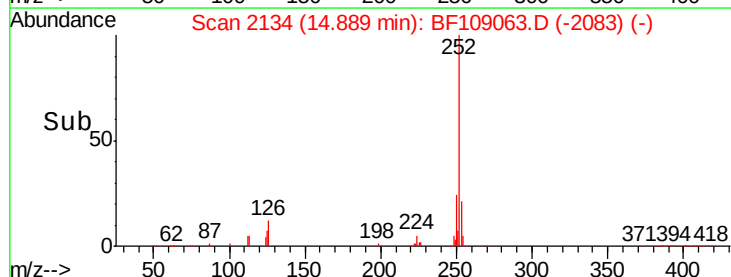
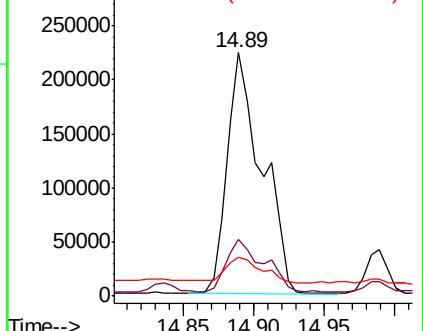
125 15.8 10.2 15.2#

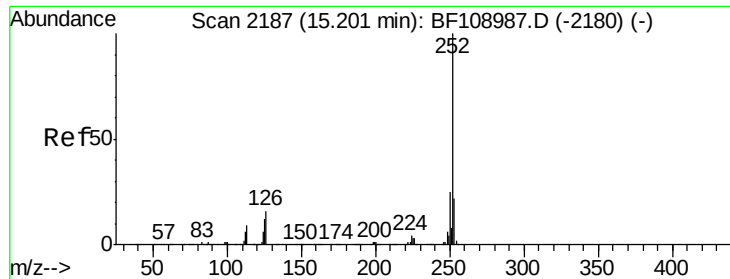


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.374 ng

RT: 15.22 min Scan# 2191

Delta R.T. 0.02 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1

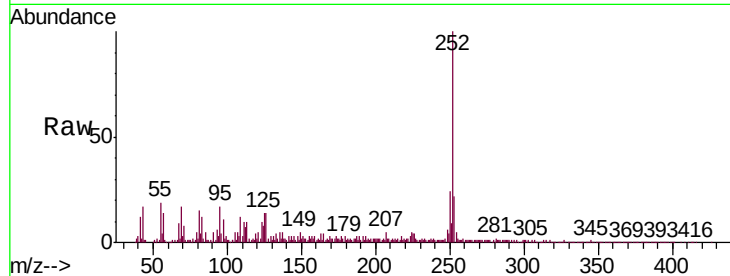
Tgt Ion: 252 Resp: 200134

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

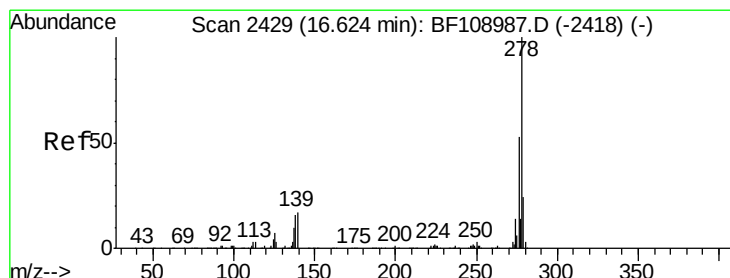
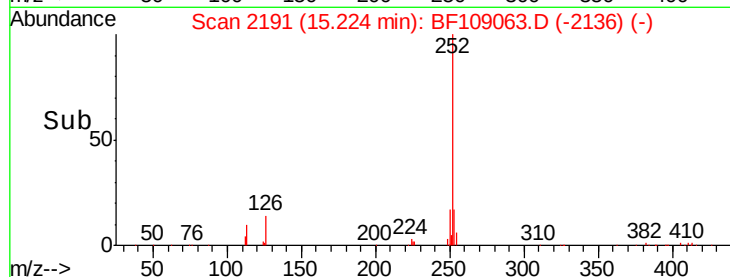
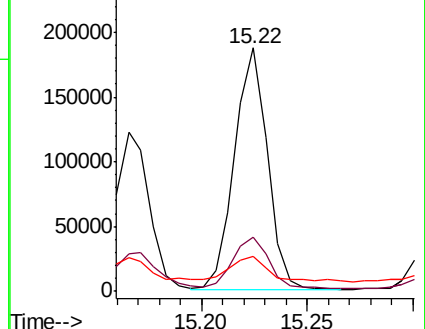
125 14.4 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.080 ng

RT: 16.78 min Scan# 2456

Delta R.T. 0.16 min

Lab File: BF109063.D

Acq: 17 Sep 2018 22:03

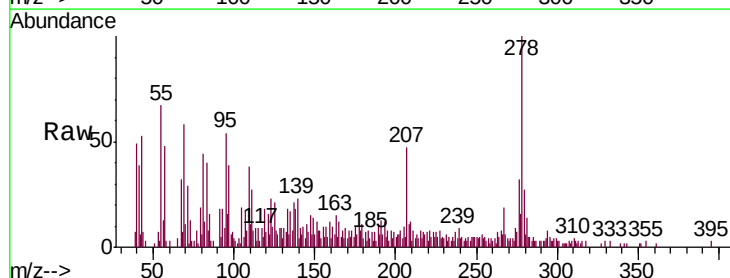
Tgt Ion: 278 Resp: 26728

Ion Ratio Lower Upper

278 100

139 22.5 15.9 23.9

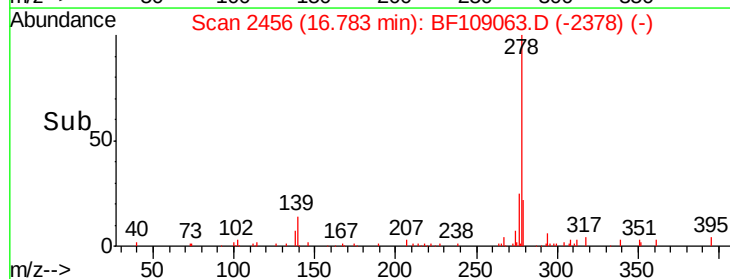
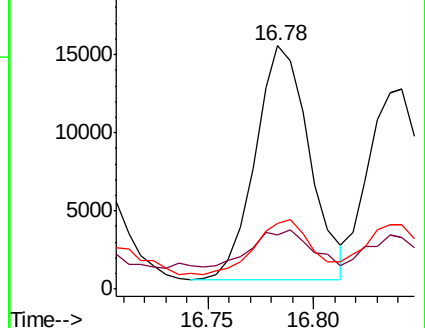
279 27.1 19.0 28.4

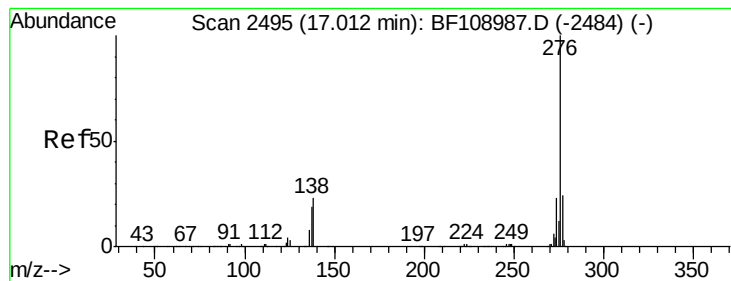


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 12.844 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF109063.D

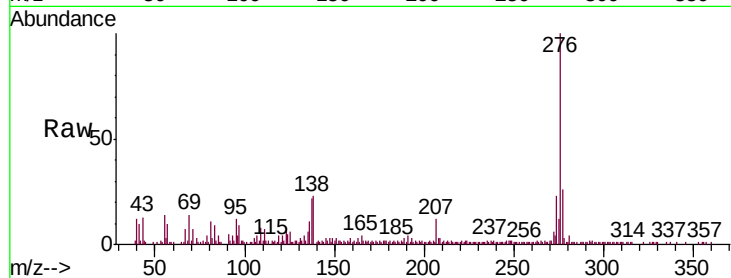
Acq: 17 Sep 2018 22:03

Instrument :

BNA_F

ClientSampleId :

PHASE-1



Tgt Ion: 276 Resp: 111439

Ion Ratio Lower Upper

276 100

277 25.6 17.9 26.9

138 23.2 21.8 32.8

