

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103390.D
 Acq On : 3 Mar 2018 2:19
 Operator : SJ/JU
 Sample : J1724-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-22

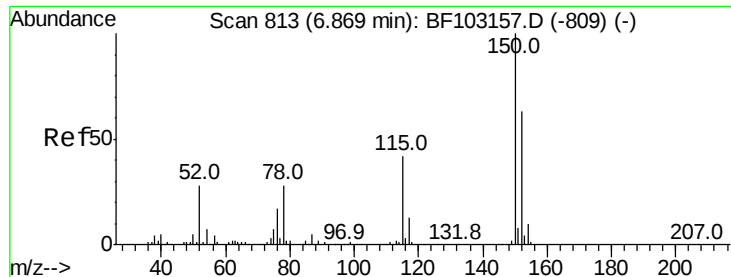
Quant Time: Mar 03 04:19:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	161731	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	673578	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	243715	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	338246	20.00	ng	0.00
75) Chrysene-d12	14.07	240	229154	20.00	ng	0.00
86) Perylene-d12	15.58	264	165338	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	984404	92.06	ng	0.00
7) Phenol-d6	6.52	99	1179505	90.14	ng	0.00
23) Nitrobenzene-d5	7.45	82	742443	62.95	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	156704	75.96	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	996937	66.94	ng	0.00
78) Terphenyl-d14	13.00	244	656674	68.89	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.45	77	1400	Below Cal		94
10) Phenol	6.53	94	92771	6.107 ng		96
19) n-Nitroso-di-n-propylamine	7.45	70	102457	12.581 ng	#	83
25) Isophorone	7.45	82	742505	31.963 ng	#	64
32) Benzoic acid	7.99	122	224	6.941 ng	#	76
49) Dimethylphthalate	9.63	163	72722	3.720 ng		99
50) 2,6-Dinitrotoluene	9.92	165	32623	7.951 ng	#	26
55) 4-Nitrophenol	10.13	139	6711	2.080 ng	#	16
56) 2,4-Dinitrotoluene	9.92	165	32623	6.287 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.72	198	138	5.005 ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	9970	2.830 ng	#	1
70) Phenanthrene	11.44	178	198119	10.643 ng		98
71) Anthracene	11.49	178	64181	3.362 ng		97
74) Fluoranthene	12.63	202	357643	19.119 ng		99
77) Pyrene	12.86	202	338054	18.921 ng		99
80) Benzo(a)anthracene	14.06	228	179817	12.094 ng		99
82) Chrysene	14.09	228	156755	10.858 ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	69710	5.473 ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	64302	5.626 ng		95
87) Benzo(b)fluoranthene	15.13	252	221572	20.382 ng	#	91
88) Benzo(k)fluoranthene	15.13	252	221572	21.645 ng	#	94
89) Benzo(a)pyrene	15.52	252	111346	11.470 ng	#	91
90) Dibenzo(a,h)anthracene	17.12	278	18495	2.466 ng	#	65
91) Benzo(g,h,i)perylene	17.59	276	64219	8.760 ng	#	88

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

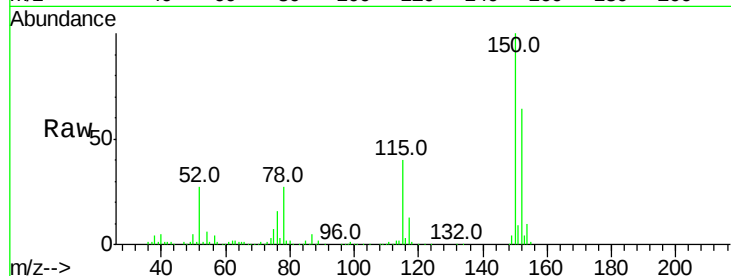


#1

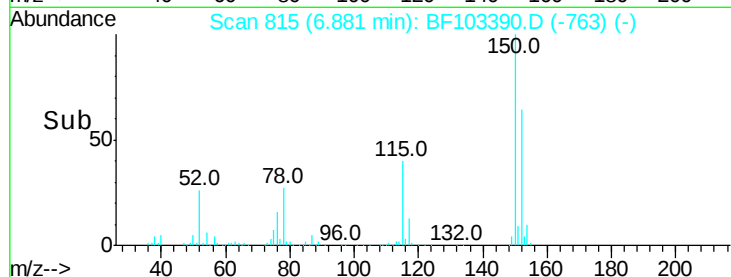
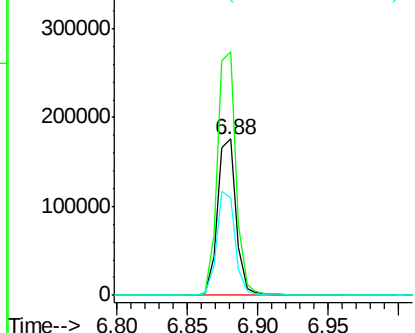
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SP-22

Tot Ion:152 Resp: 161731
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.5 50.1 75.1



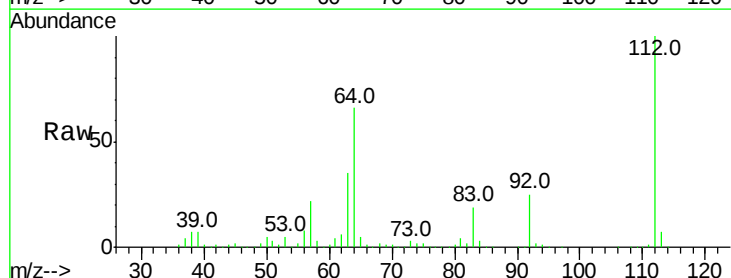
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



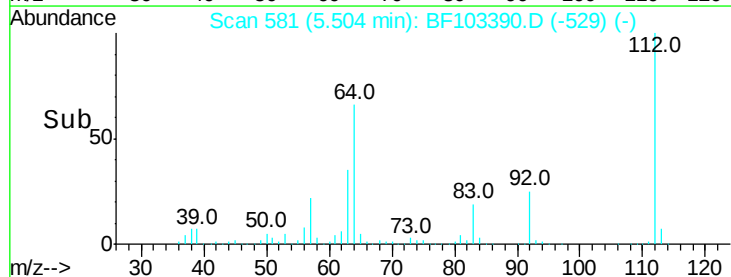
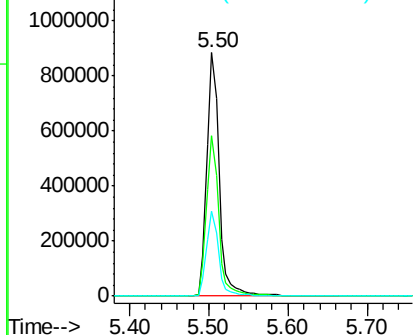
#5

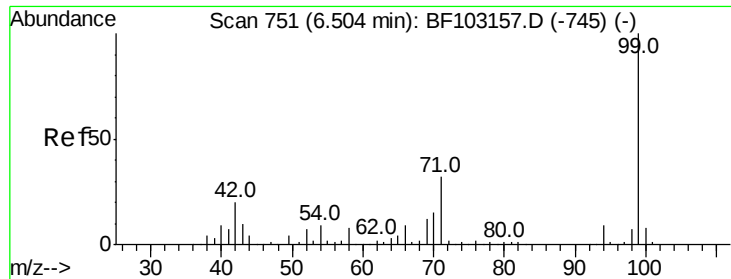
2-Fluorophenol
Concen: 92.057 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Tgt Ion:112 Resp: 984404
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 34.8 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: 90.141 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

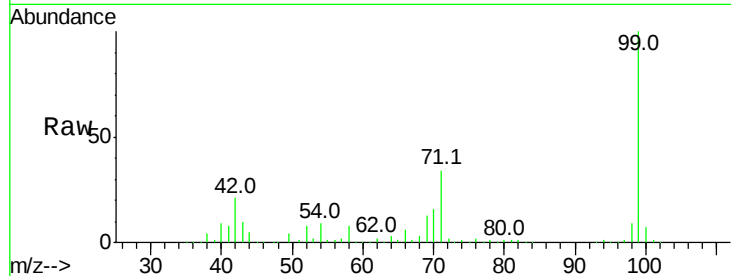
Tot Ion: 99 Resp: 1179505

Ion Ratio Lower Upper

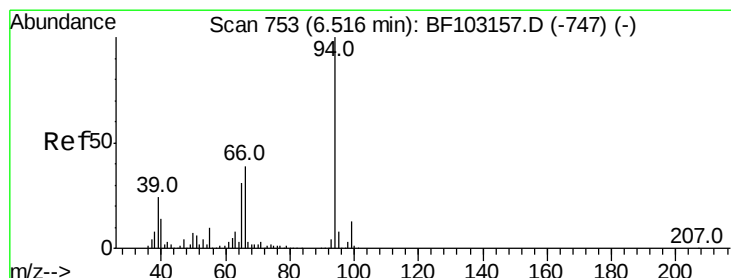
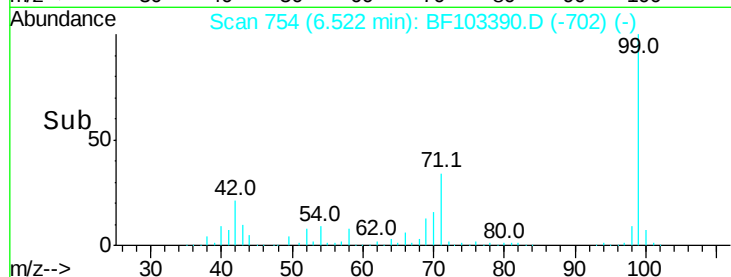
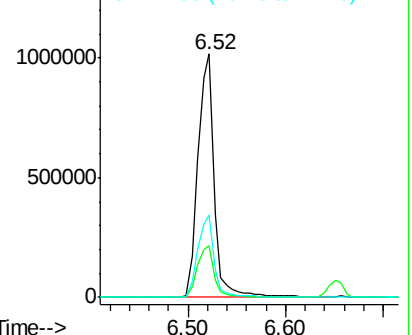
99 100

42 21.0 14.5 21.7

71 33.6 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: 6.107 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

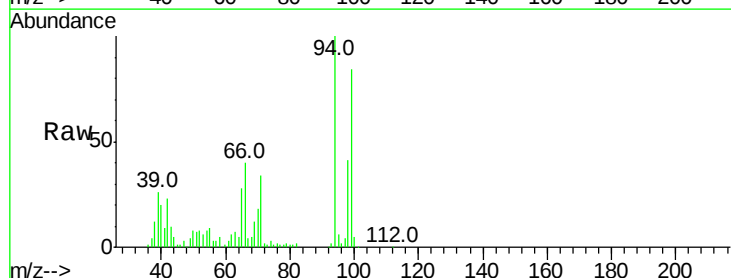
Tgt Ion: 94 Resp: 92771

Ion Ratio Lower Upper

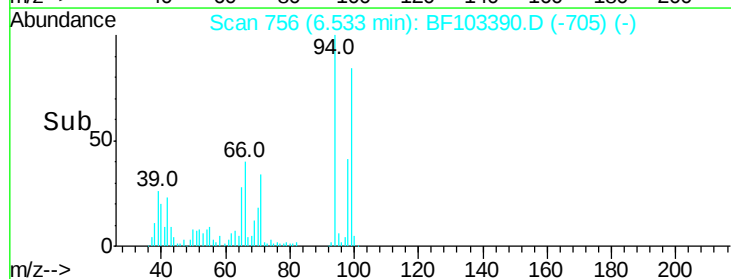
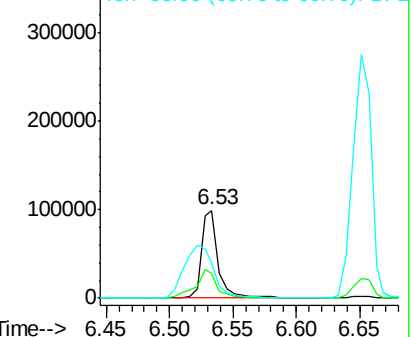
94 100

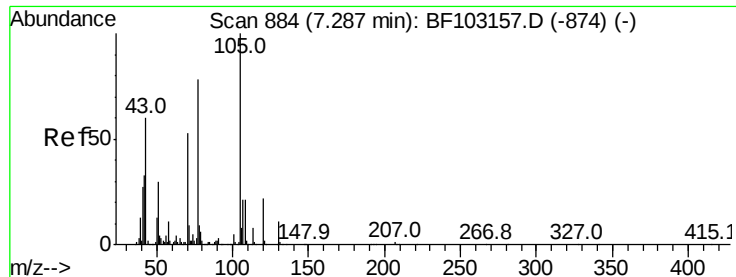
65 28.0 7.9 47.9

66 40.1 16.2 56.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 12.581 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

Tot Ion: 70 Resp: 102457

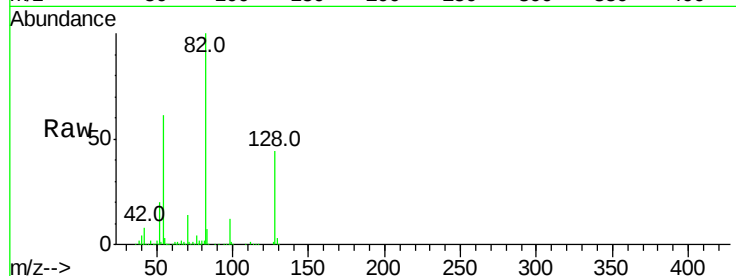
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

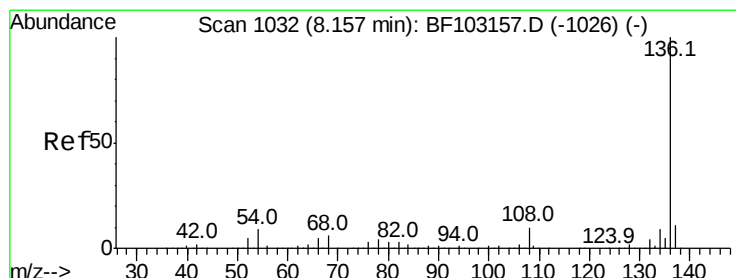
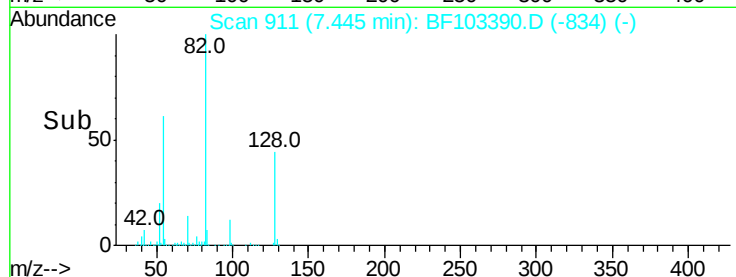
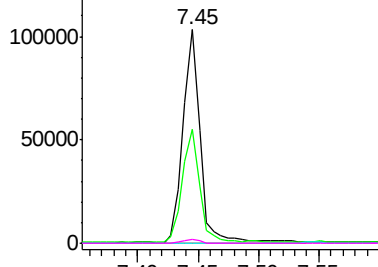


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Tgt Ion: 136 Resp: 673578

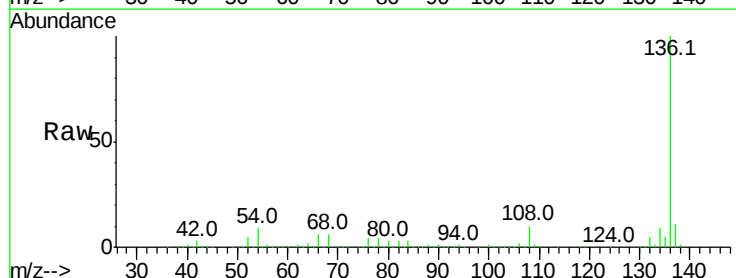
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

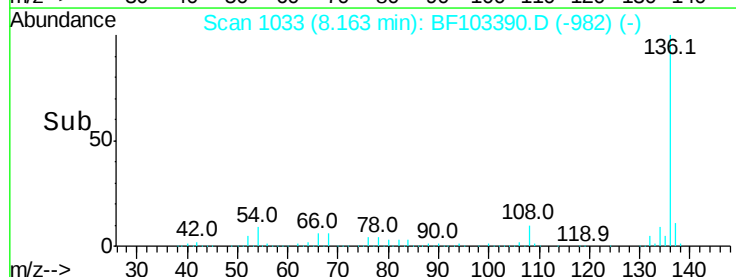
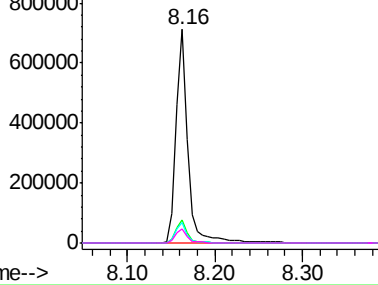


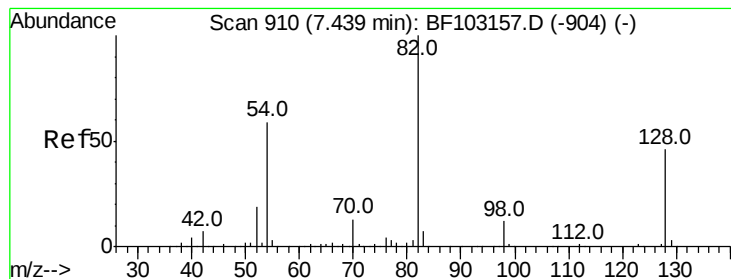
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 62.947 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampled :

SP-22

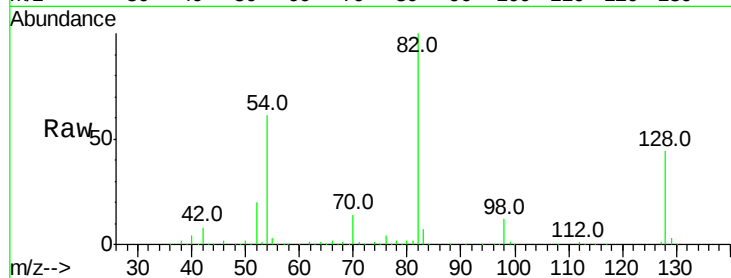
Tot Ion: 82 Resp: 742443

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

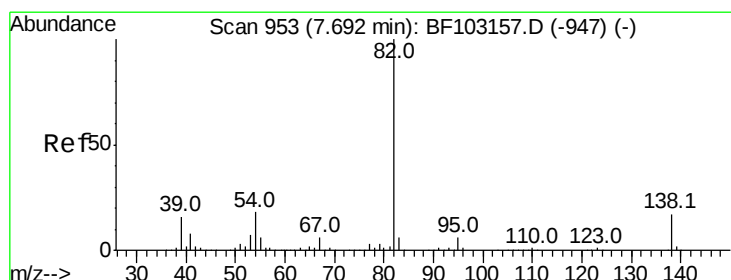
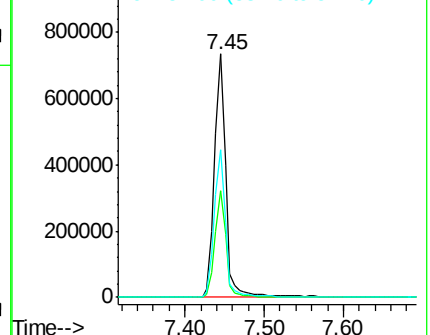
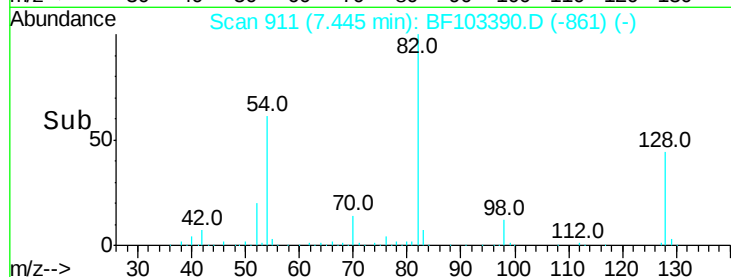
54 60.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 31.963 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

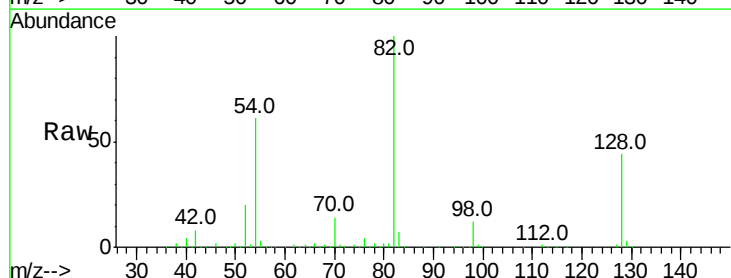
Tgt Ion: 82 Resp: 742505

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

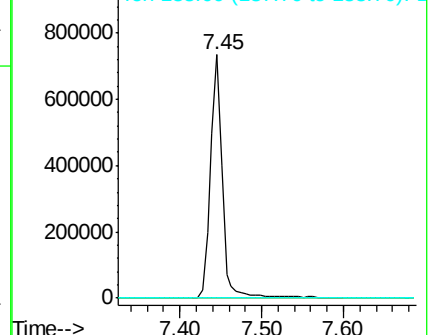
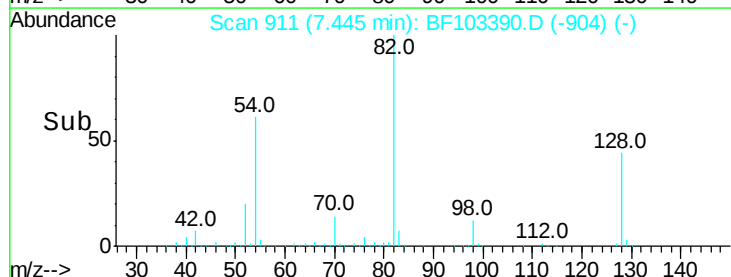
138 0.0 14.9 22.3#

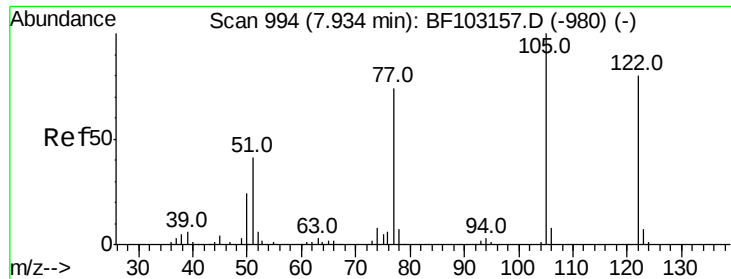


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

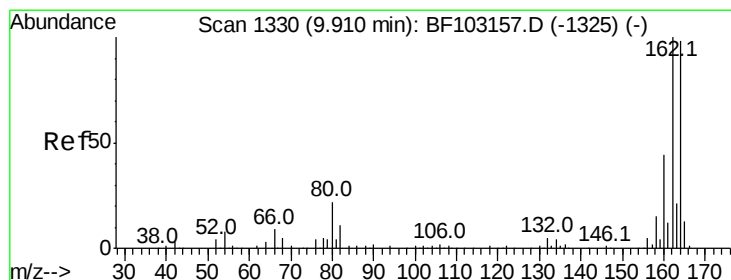
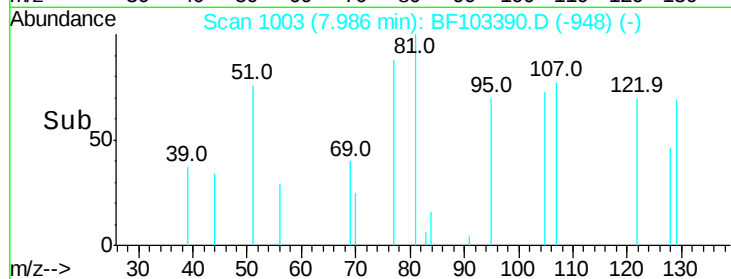
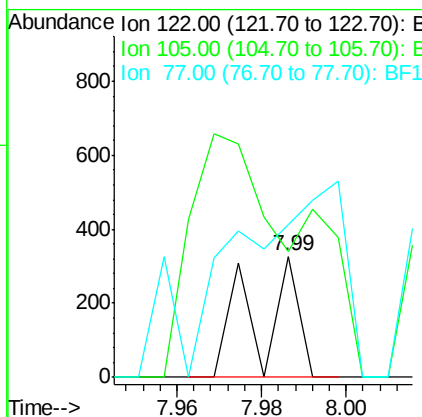
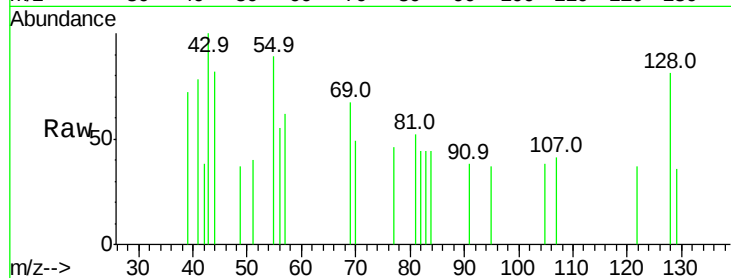




#32
Benzoic acid
Concen: 6.941 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

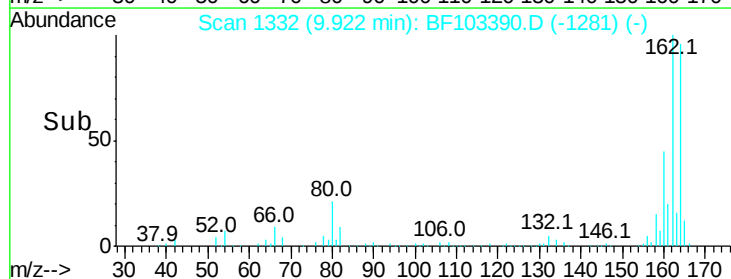
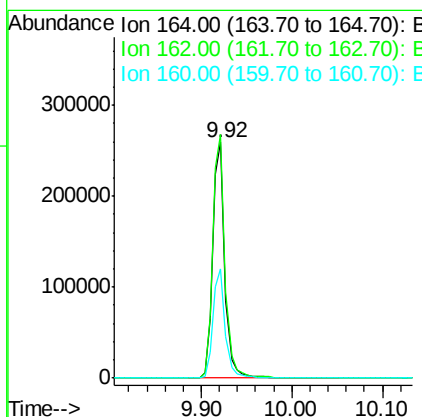
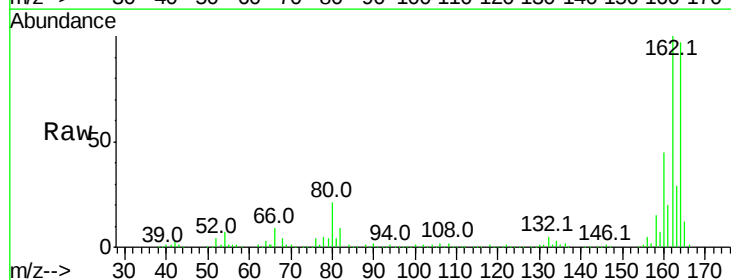
Instrument :
BNA_F
ClientSampled :
SP-22

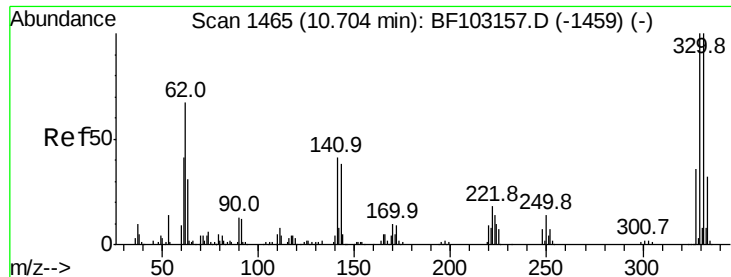
Tot Ion:122 Resp: 224
Ion Ratio Lower Upper
122 100
105 104.6 101.1 141.1
77 126.1 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Tgt Ion:164 Resp: 243715
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.4 38.3 57.5

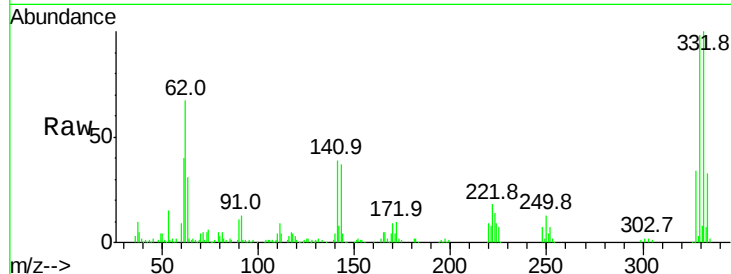




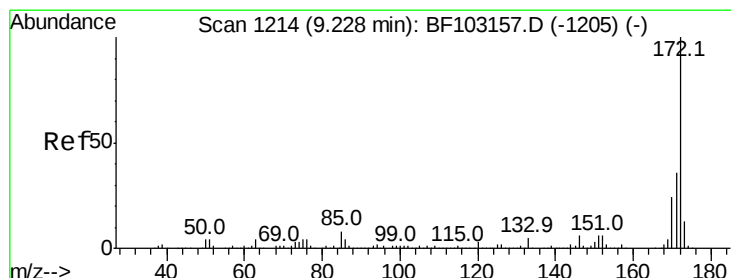
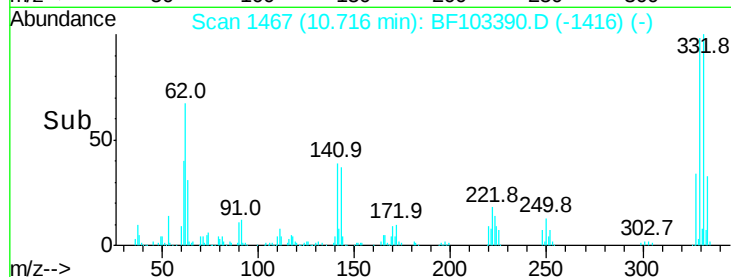
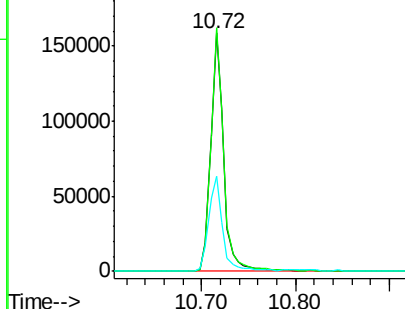
#41
 2,4,6-Tribromophenol
 Concen: 75.962 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103390.D
 Acq: 3 Mar 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-22

Tot Ion:330 Resp: 156704
 Ion Ratio Lower Upper
 330 100
 332 100.5 77.0 115.6
 141 41.0 29.9 44.9

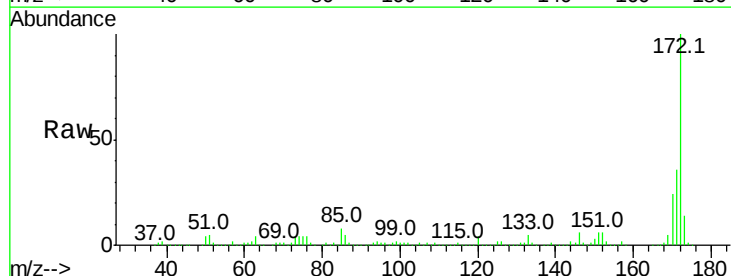


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

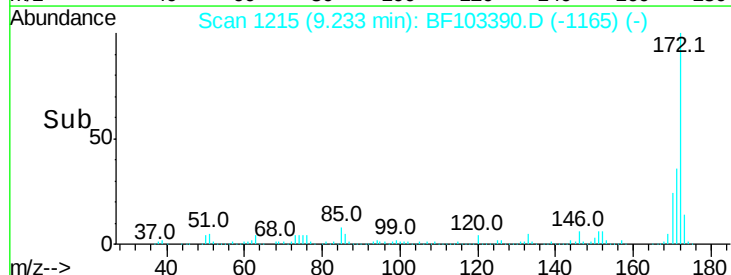
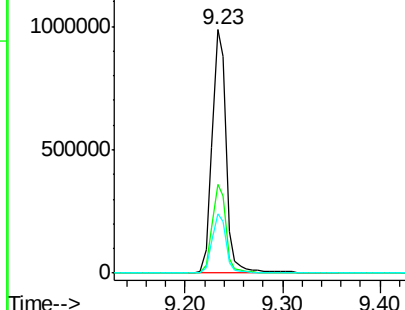


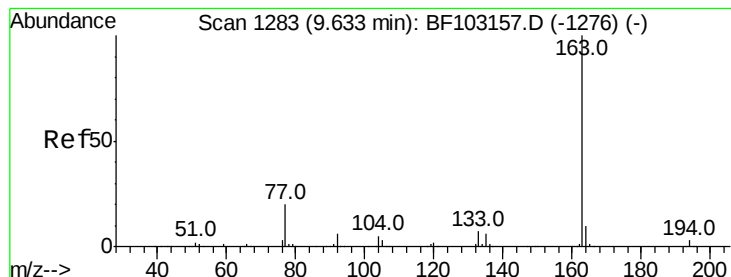
#44
 2-Fluorobiphenyl
 Concen: 66.940 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103390.D
 Acq: 3 Mar 2018 2:19

Tgt Ion:172 Resp: 996937
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 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





#49

Dimethylphthalate

Concen: 3.720 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

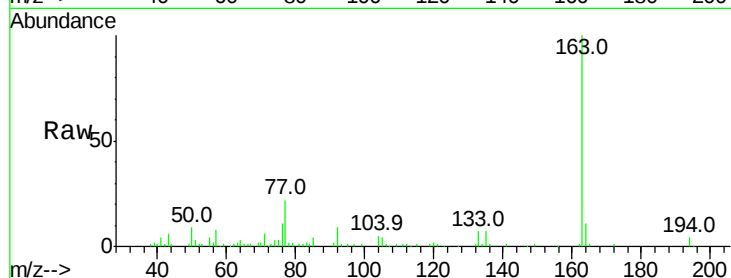
Tot Ion:163 Resp: 72722

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

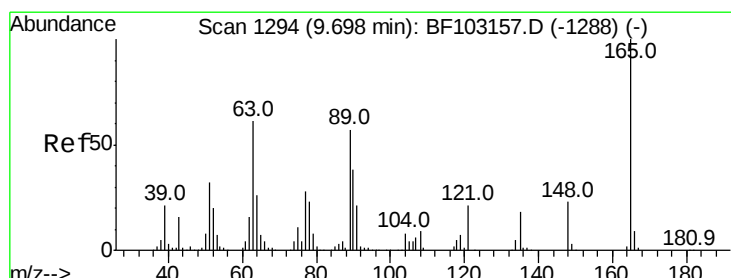
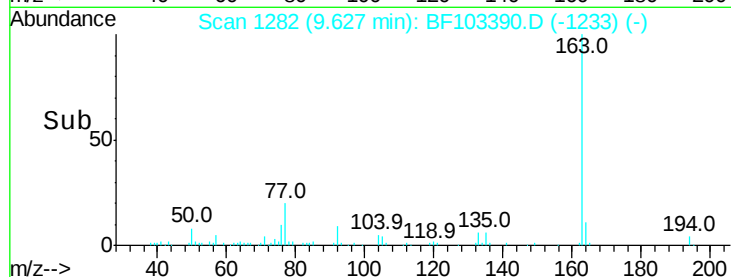
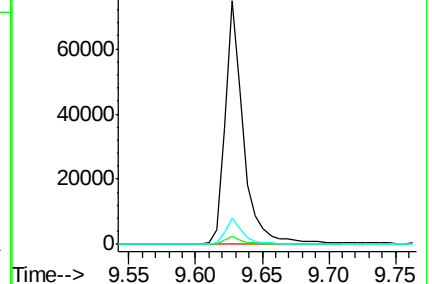
164 10.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.951 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

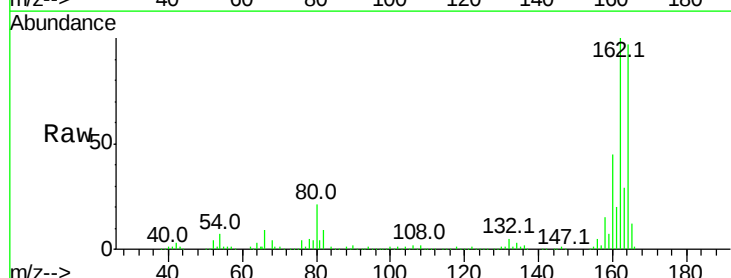
Tgt Ion:165 Resp: 32623

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

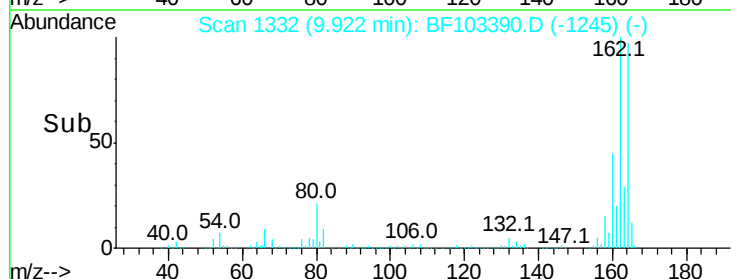
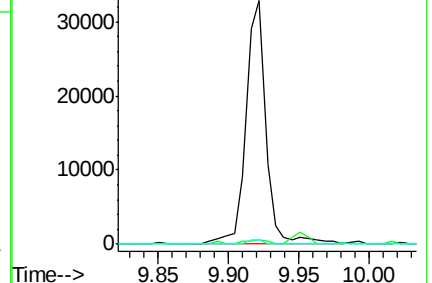
89 1.8 44.0 66.0#

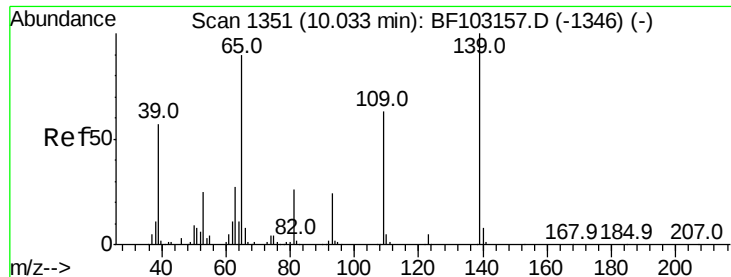


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#55

4-Nitrophenol

Concen: 2.080 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.07 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

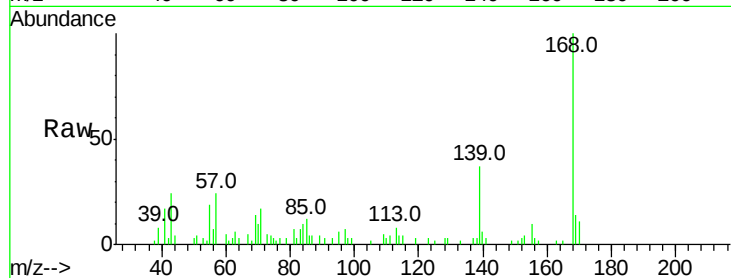
Tot Ion:139 Resp: 6711

Ion Ratio Lower Upper

139 100

109 14.2 48.4 88.4#

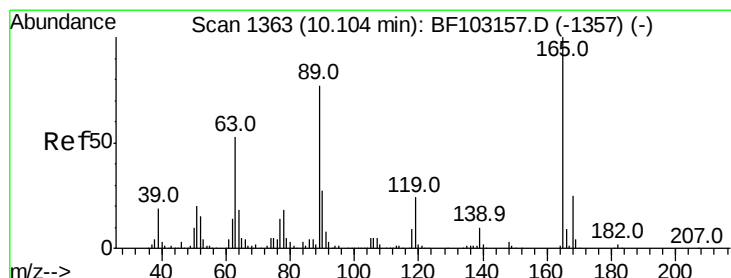
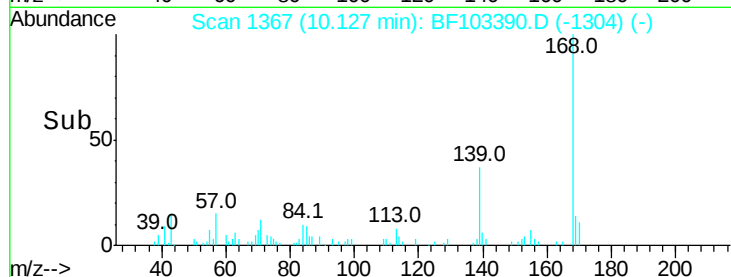
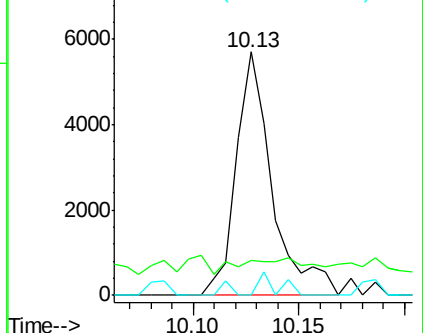
65 0.0 72.6 112.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.287 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.20 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Tgt Ion:165 Resp: 32623

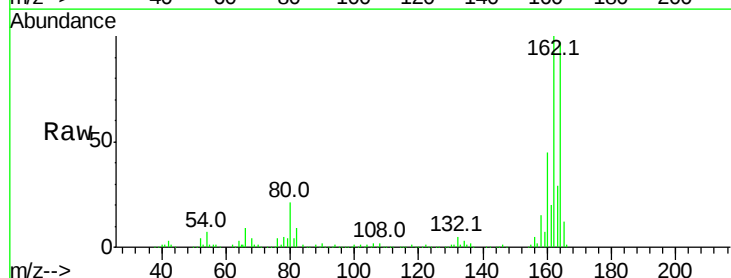
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

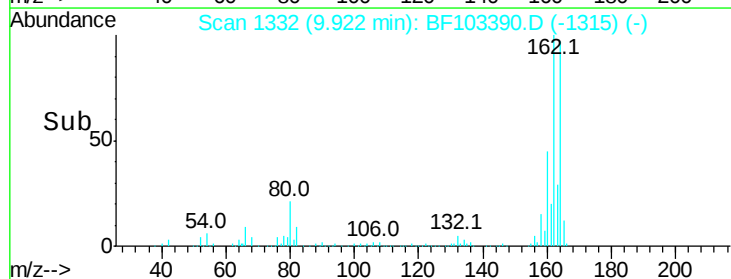
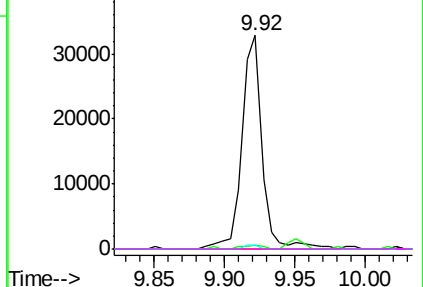


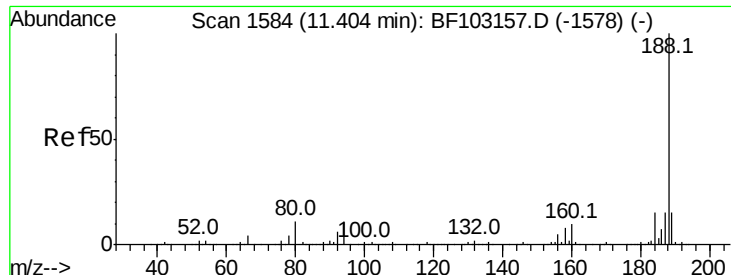
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

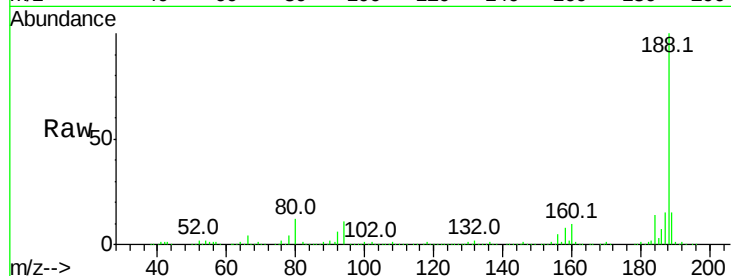




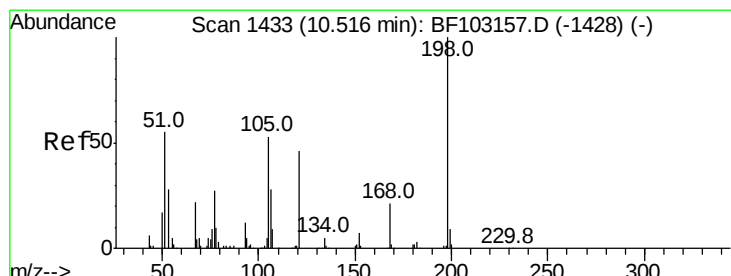
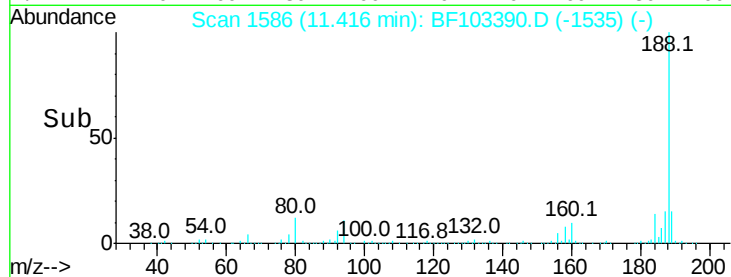
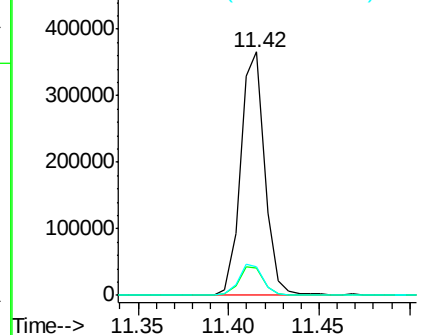
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Instrument :
BNA_F
ClientSampled :
SP-22

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8

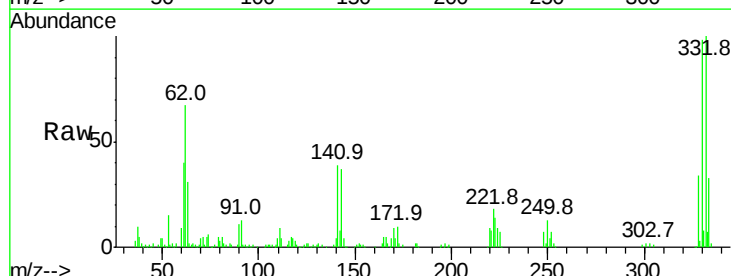


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

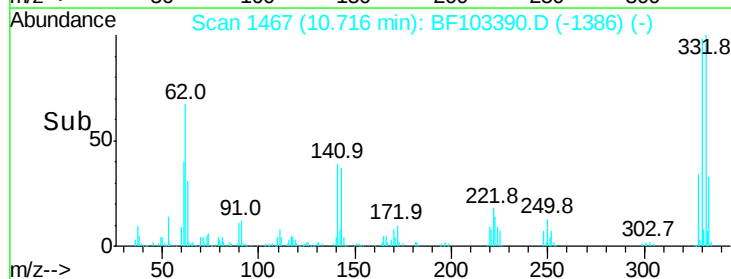
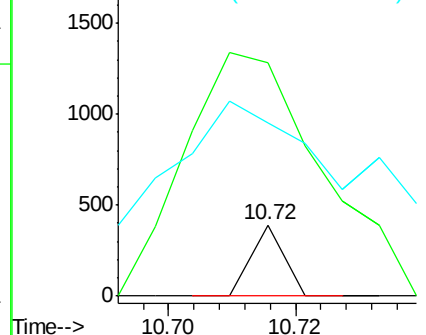


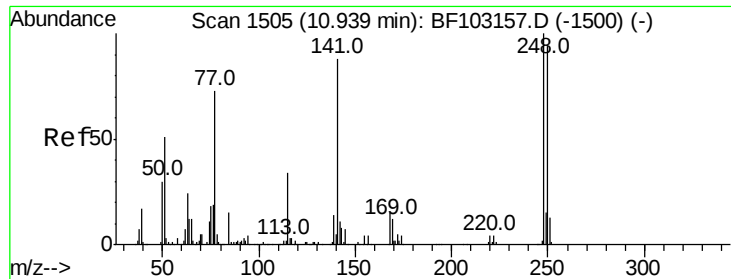
#64
4,6-Dinitro-2-methylphenol
Concen: 5.005 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	327.6	37.7	77.7#
105	243.7	36.3	76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

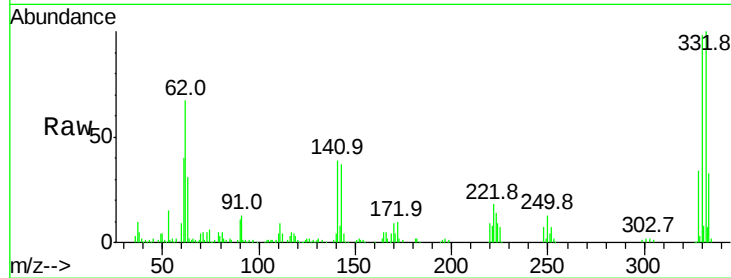




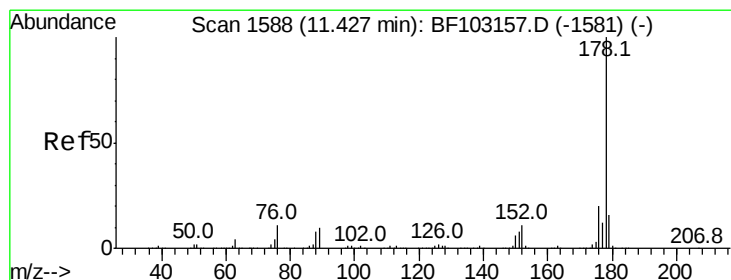
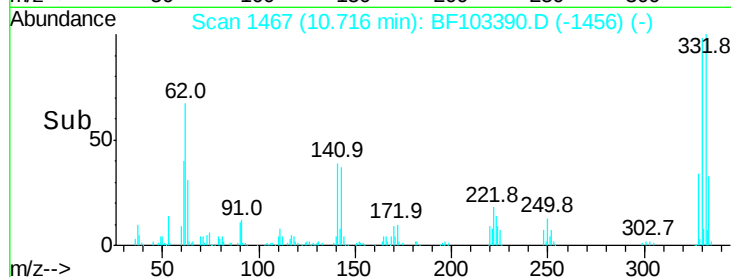
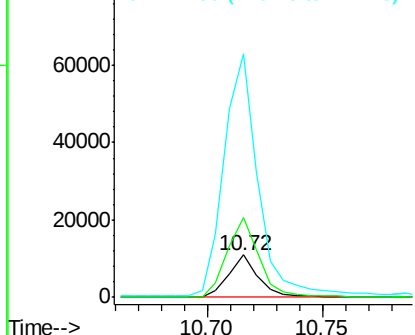
#66
4-Bromophenyl-phenylether
Concen: 2.830 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SP-22

Tot Ion:248 Resp: 9970
Ion Ratio Lower Upper
248 100
250 188.9 76.9 115.3#
141 573.3 74.4 111.6#

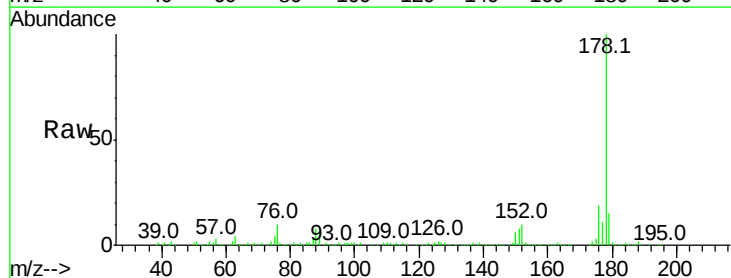


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

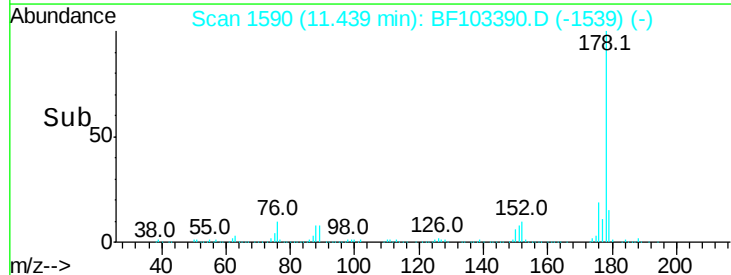
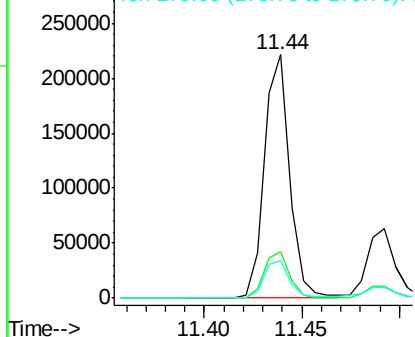


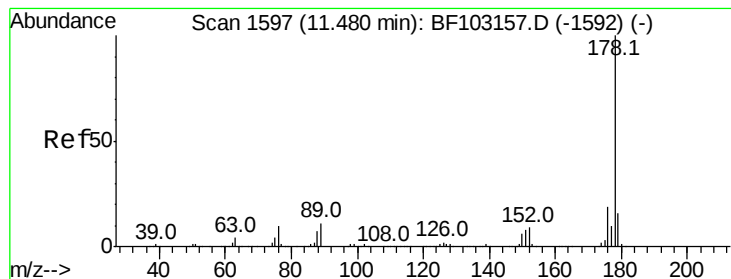
#70
Phenanthrene
Concen: 10.643 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF103390.D
Acq: 3 Mar 2018 2:19

Tgt Ion:178 Resp: 198119
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.2 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: 3.362 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampled :

SP-22

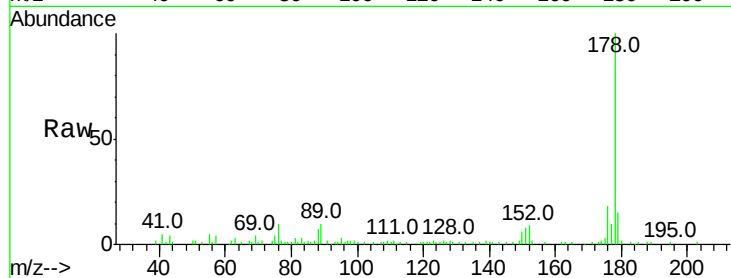
Tot Ion:178 Resp: 64181

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.2

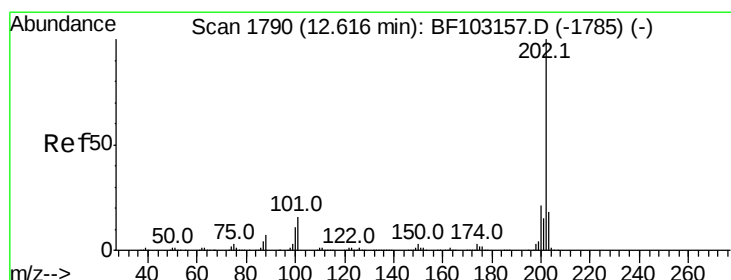
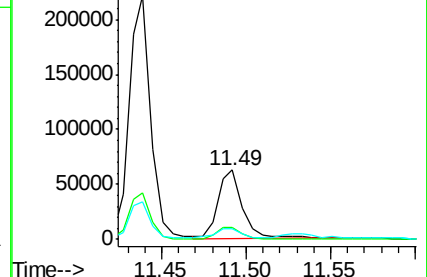
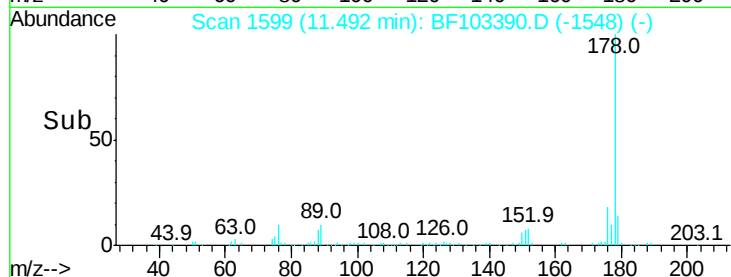
179 14.7 12.6 19.0



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



#74

Fluoranthene

Concen: 19.119 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

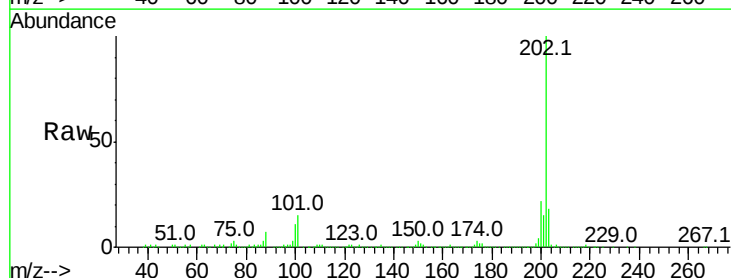
Tgt Ion:202 Resp: 357643

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

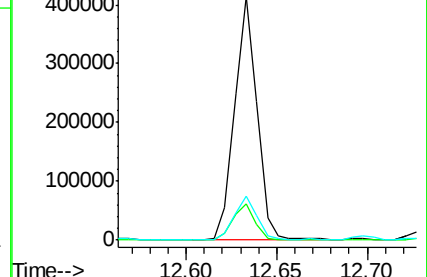
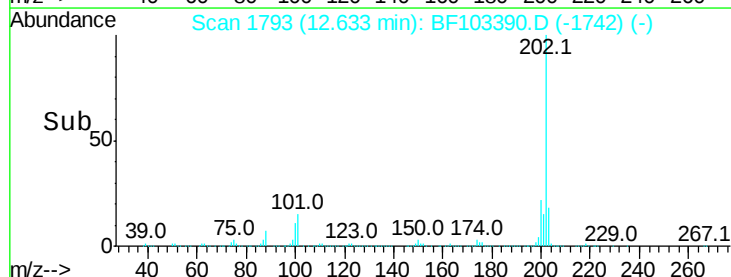
203 17.9 0.0 38.1

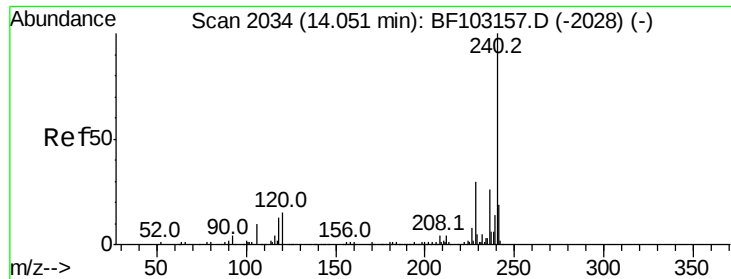


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

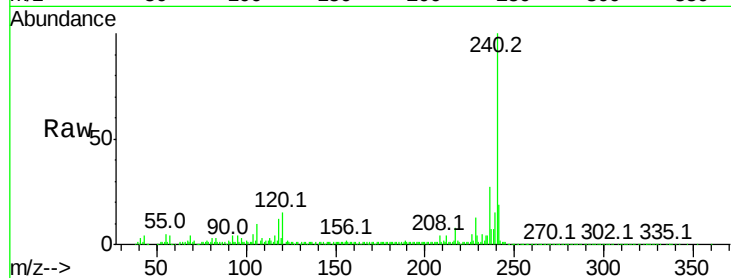
Tot Ion:240 Resp: 229154

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

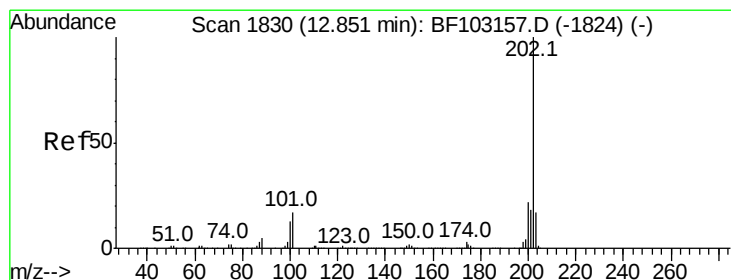
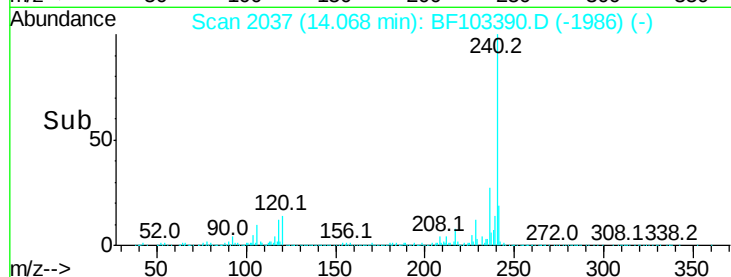
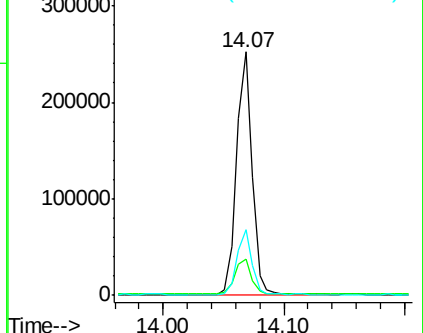
236 26.8 20.7 31.1



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: 18.921 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

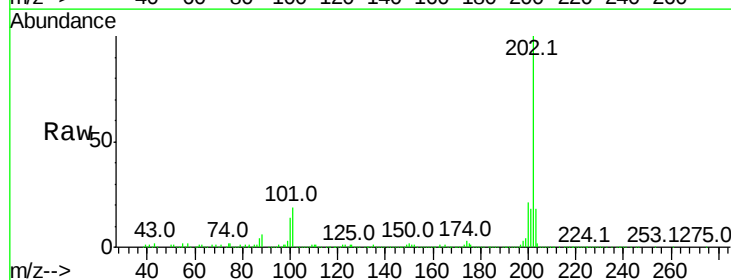
Tgt Ion:202 Resp: 338054

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

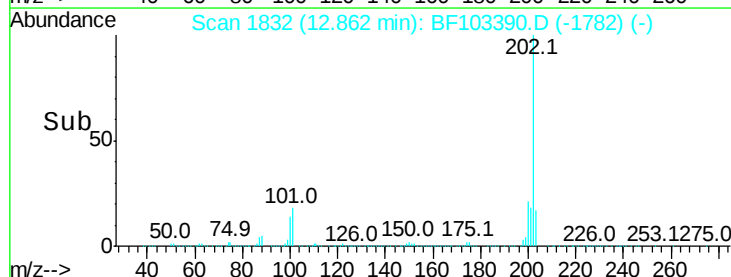
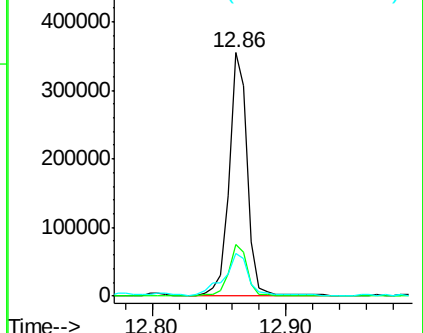
203 17.7 14.3 21.5

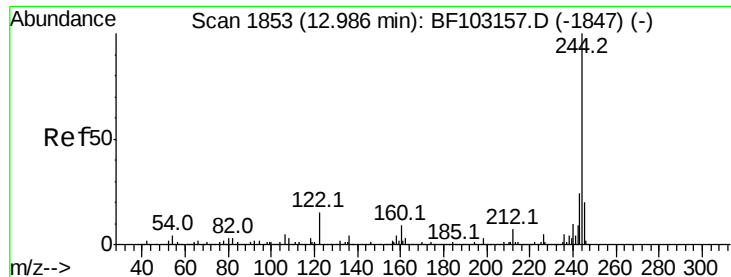


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.886 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

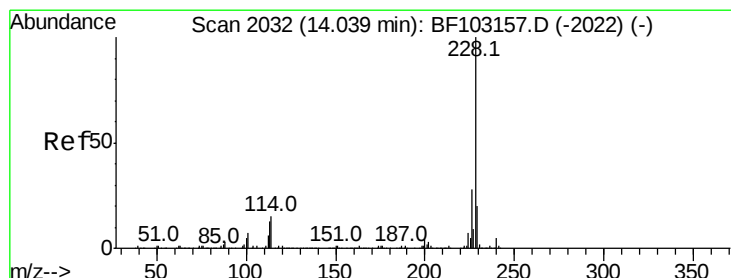
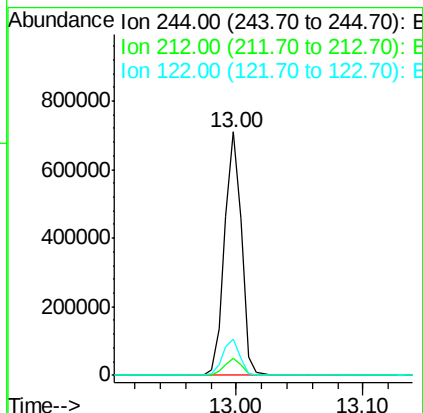
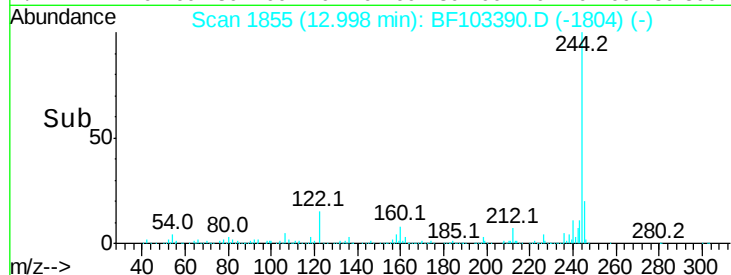
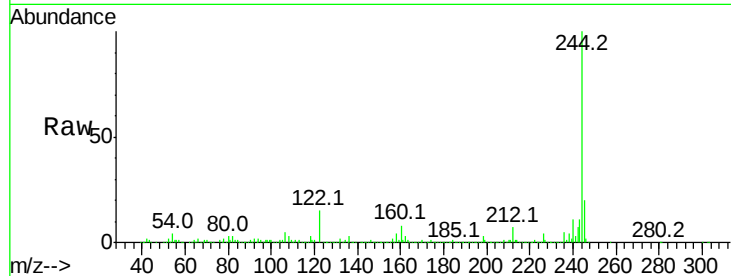
Tot Ion:244 Resp: 656674

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 14.7 11.0 16.4



#80

Benzo(a)anthracene

Concen: 12.094 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

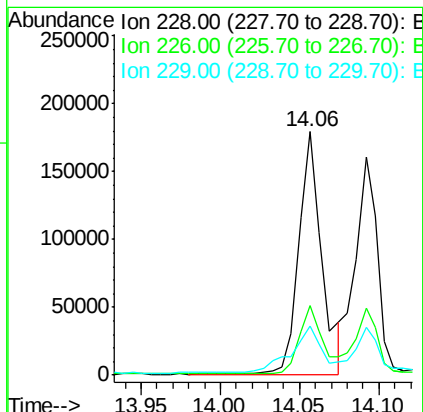
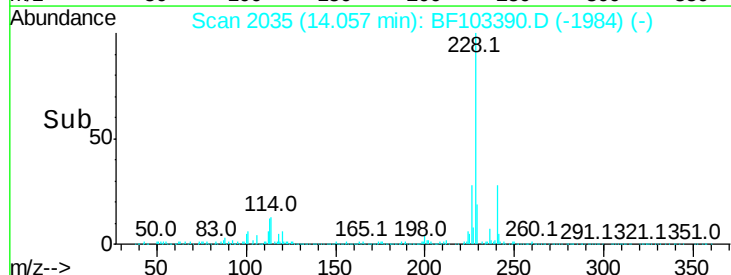
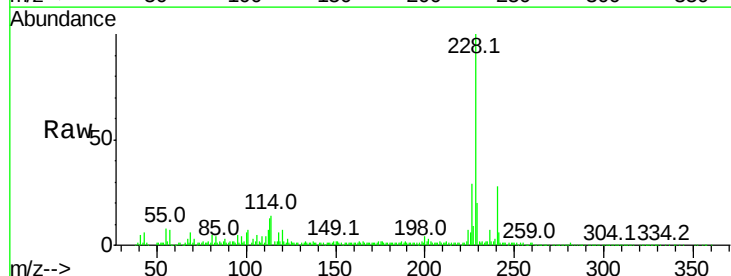
Tgt Ion:228 Resp: 179817

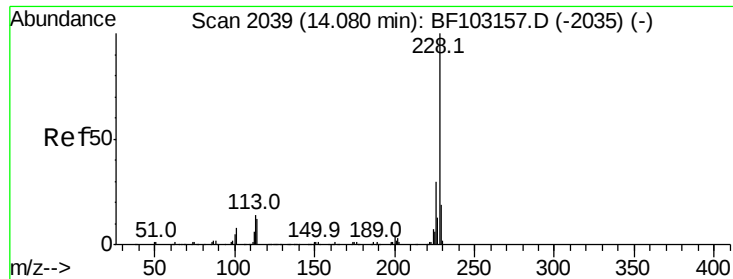
Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

229 20.4 15.8 23.6





#82

Chrysene

Concen: 10.858 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

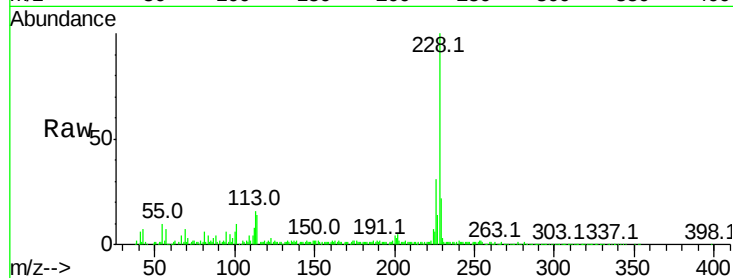
Tot Ion:228 Resp: 156755

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

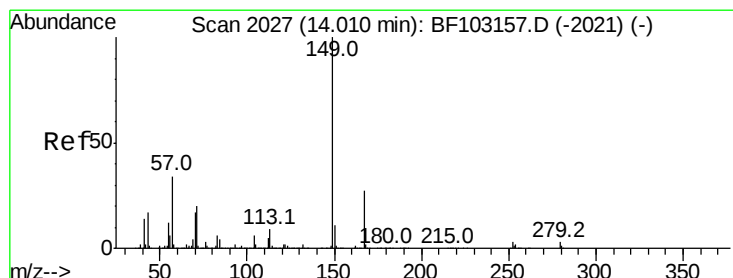
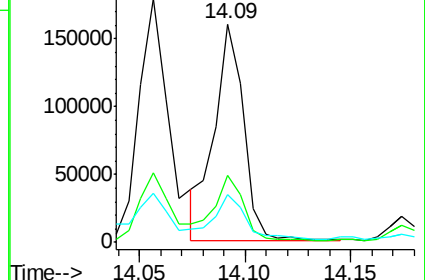
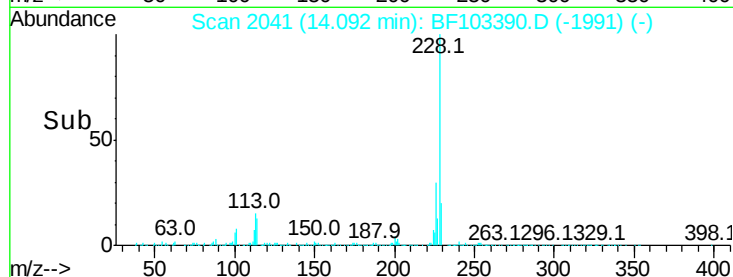
229 22.0 16.2 24.4



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: 5.473 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

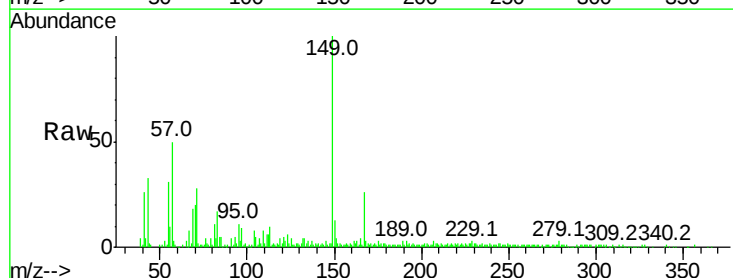
Tgt Ion:149 Resp: 69710

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

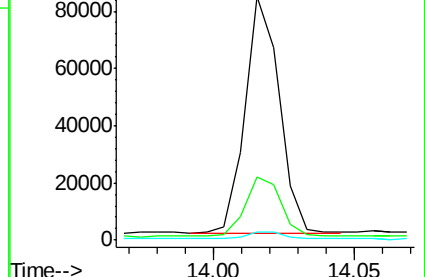
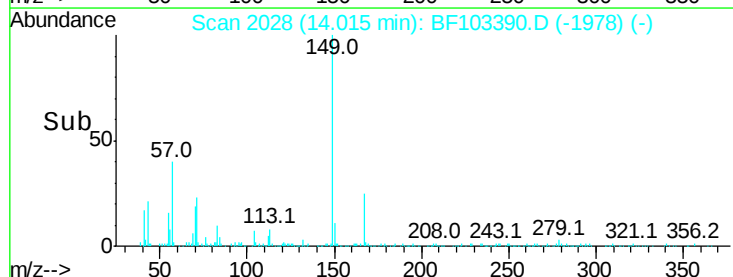
279 3.4 3.0 4.4

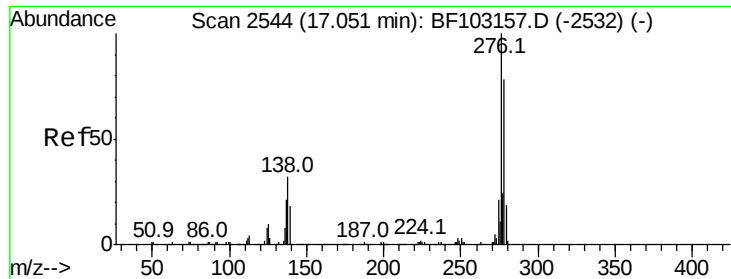


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

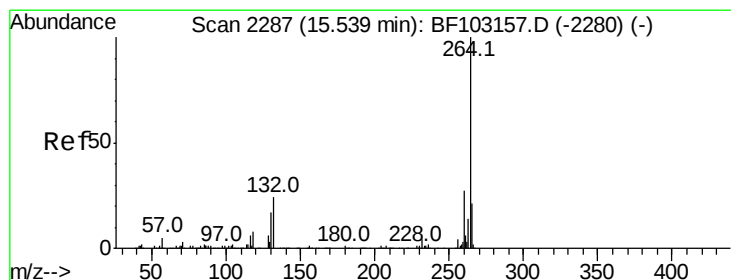
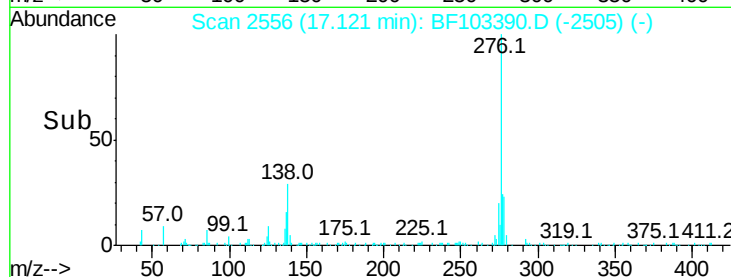
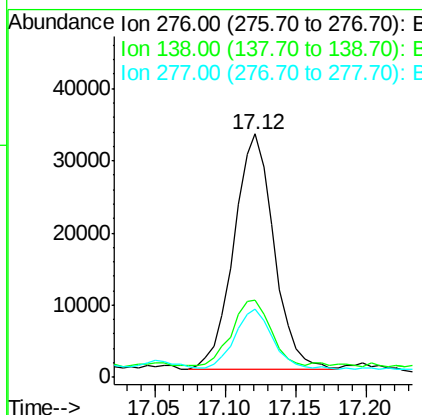
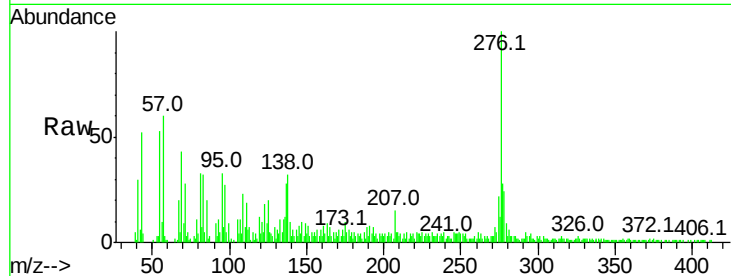




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.626 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF103390.D
 Acq: 3 Mar 2018 2:19

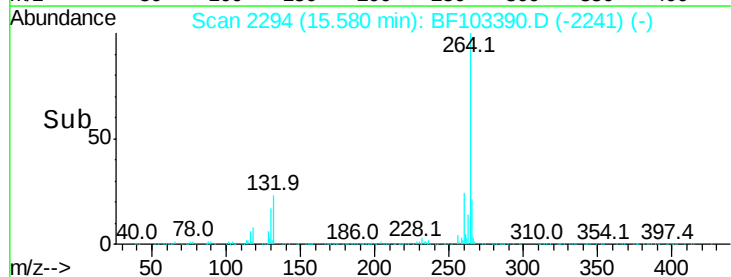
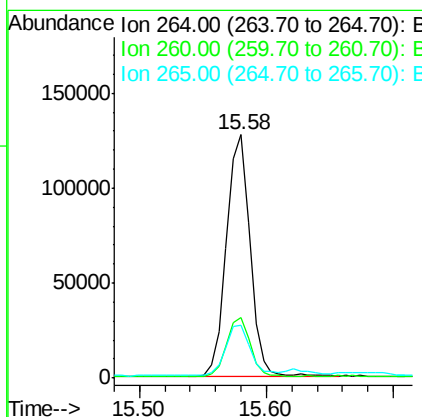
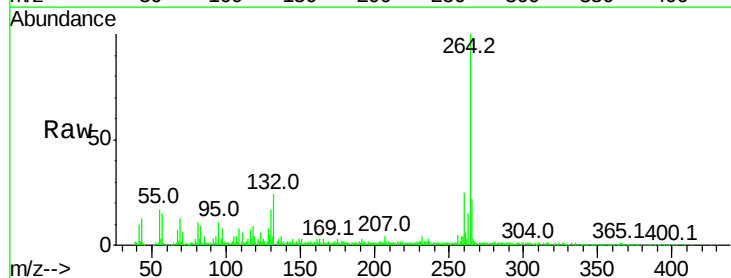
Instrument :
 BNA_F
 ClientSampleId :
 SP-22

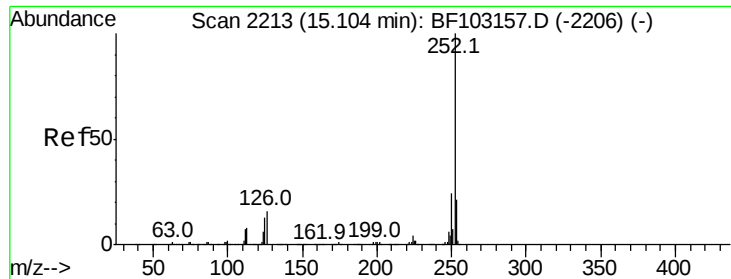
Tot Ion:276 Resp: 64302
 Ion Ratio Lower Upper
 276 100
 138 26.9 25.0 37.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF103390.D
 Acq: 3 Mar 2018 2:19

Tgt Ion:264 Resp: 165338
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 20.382 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

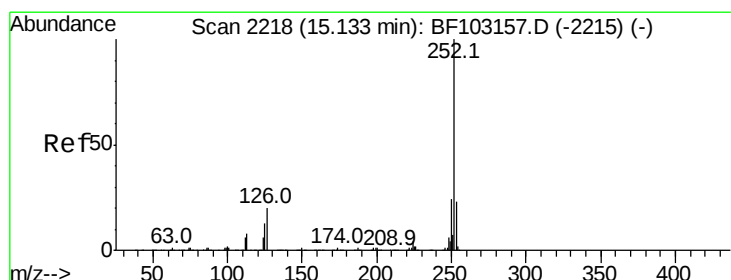
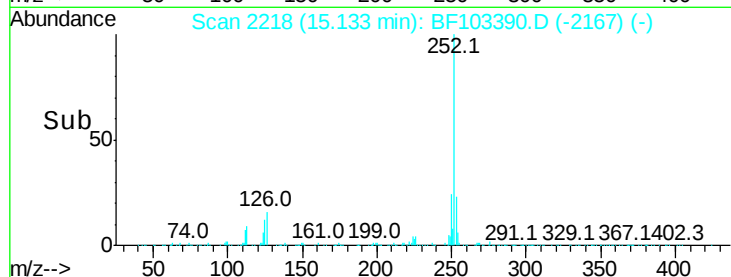
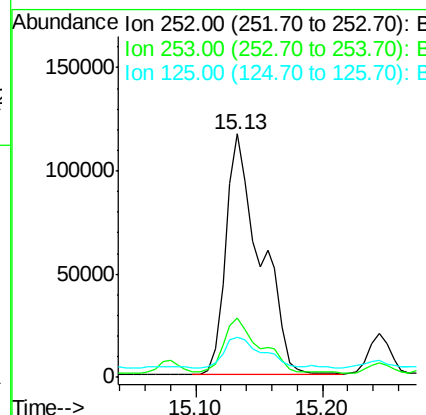
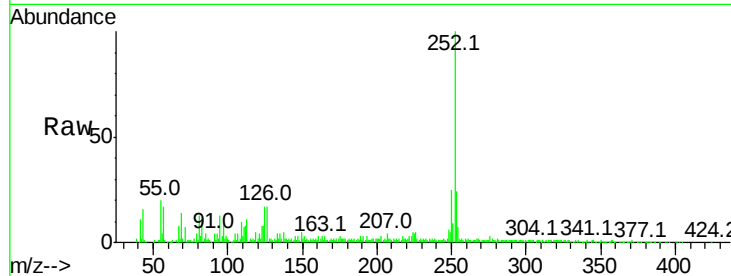
Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SP-22

Tot Ion:252 Resp: 221572

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	16.7	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 21.645 ng

RT: 15.13 min Scan# 2218

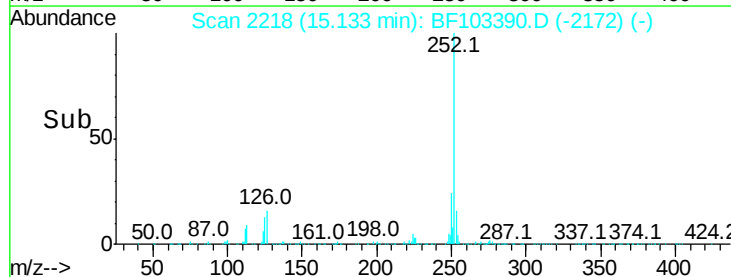
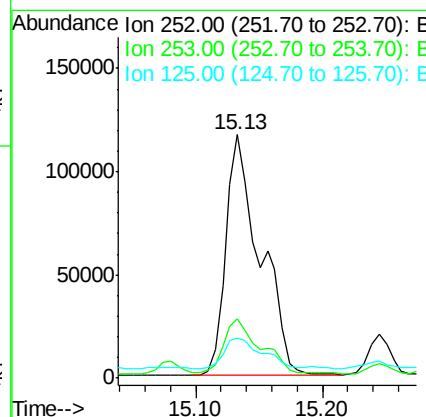
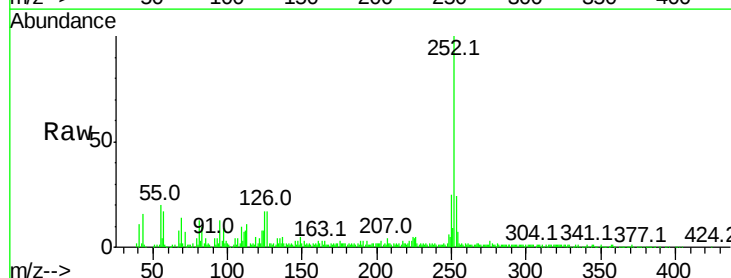
Delta R.T. -0.03 min

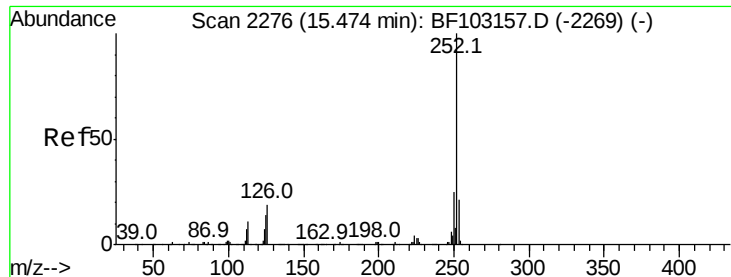
Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Tgt Ion:252 Resp: 221572

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	16.7	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 11.470 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

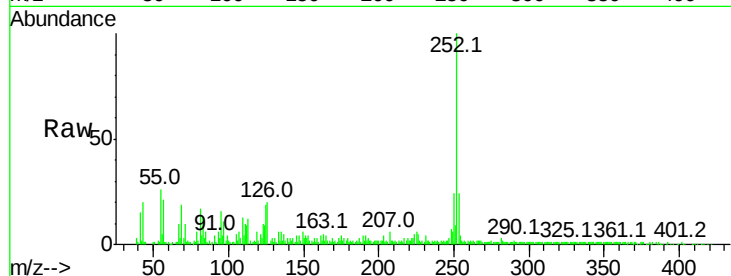
Tot Ion:252 Resp: 111346

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

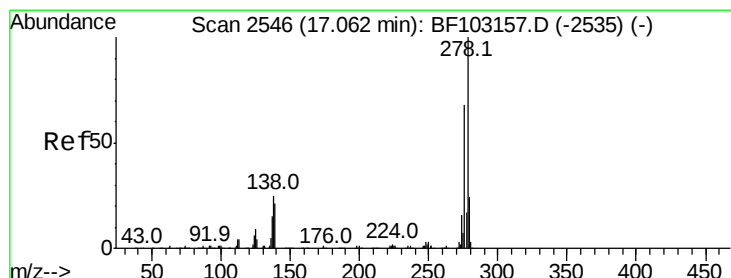
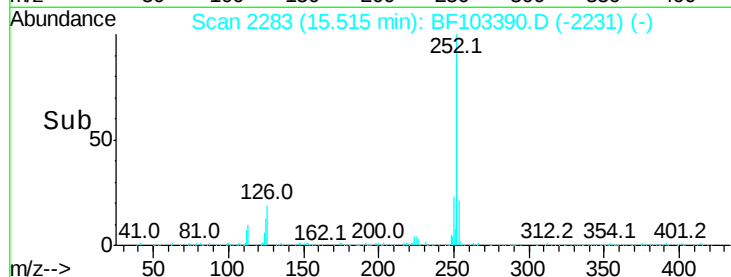
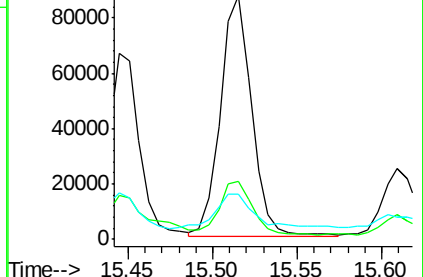
125 18.5 9.8 14.6#



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: 2.466 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

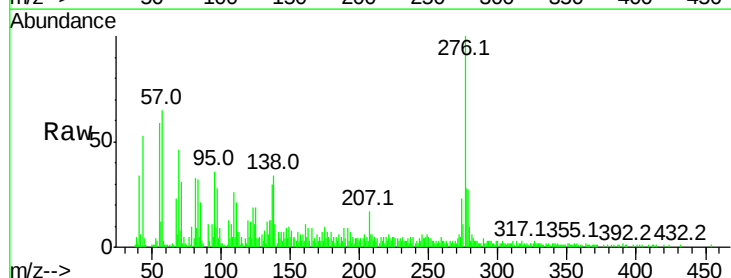
Tgt Ion:278 Resp: 18495

Ion Ratio Lower Upper

278 100

139 40.0 15.9 23.9#

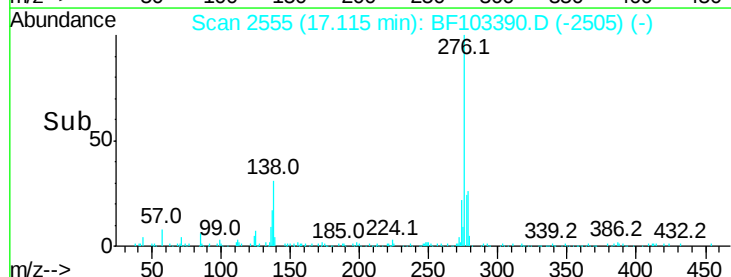
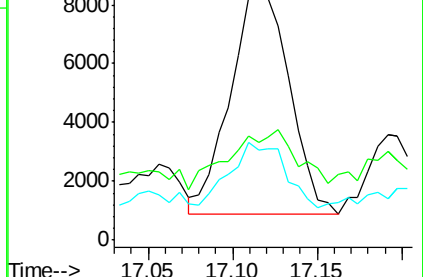
279 36.8 19.0 28.4#

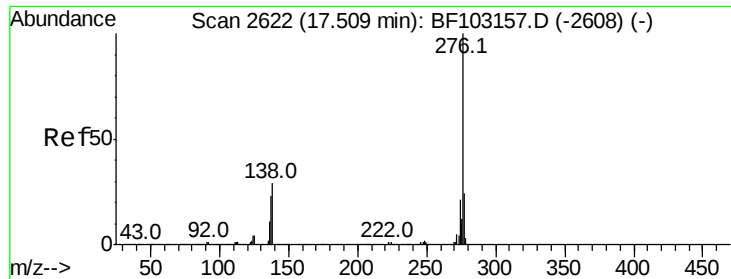


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 8.760 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.01 min

Lab File: BF103390.D

Acq: 3 Mar 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SP-22

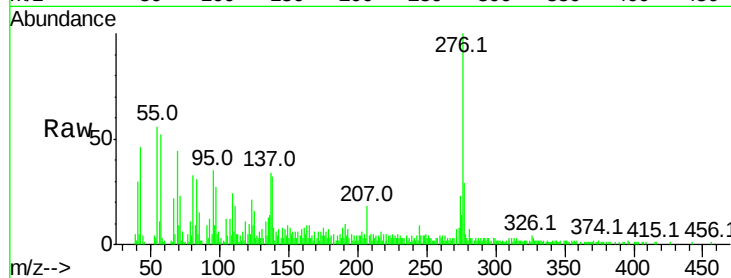
Tot Ion: 276 Resp: 64219

Ion Ratio Lower Upper

276 100

277 29.1 17.9 26.9#

138 32.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

