

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103527.D
 Acq On : 8 Mar 2018 20:02
 Operator : SJ/JU
 Sample : J1819-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:53:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136903	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	639335	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	214385	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	319225	20.00	ng	0.00
75) Chrysene-d12	14.06	240	225418	20.00	ng	0.00
86) Perylene-d12	15.56	264	173582	20.00	ng	0.00

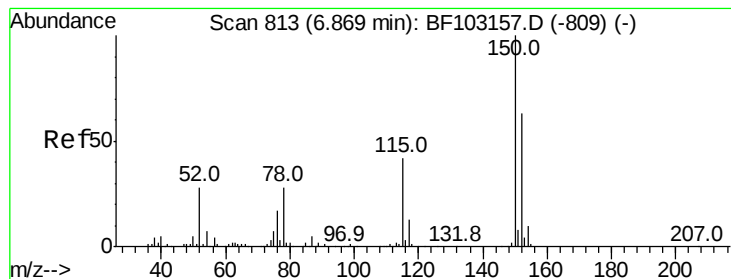
System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	351399	38.82	ng	0.00
7) Phenol-d6	6.50	99	481026	43.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	294438	26.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	54656	30.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	420188	27.88	ng	0.00
78) Terphenyl-d14	12.98	244	271935	29.00	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.51	77	1131	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	36116	5.239 ng	#	87
31) Naphthalene	8.17	128	97039	3.100 ng		99
32) Benzoic acid	7.99	122	441	6.971 ng	#	12
37) 2-Methylnaphthalene	8.86	142	159352	7.877 ng		99
50) 2,6-Dinitrotoluene	9.90	165	27859	7.719 ng	#	27
51) Acenaphthene	9.94	154	85029	6.668 ng		99
54) Dibenzofuran	10.12	168	90765	5.185 ng		95
55) 4-Nitrophenol	10.12	139	37182	13.102 ng	#	11
56) 2,4-Dinitrotoluene	9.90	165	27859	6.103 ng	#	24
57) Fluorene	10.46	166	67846	4.550 ng		99
70) Phenanthrene	11.43	178	475129	27.045 ng		98
71) Anthracene	11.48	178	148736	8.256 ng		100
72) Carbazole	11.65	167	70869	3.950 ng		98
73) Di-n-butylphthalate	11.95	149	64567	2.876 ng		100
74) Fluoranthene	12.62	202	526544	29.826 ng		99
77) Pyrene	12.85	202	453460	25.801 ng		99
80) Benzo(a)anthracene	14.04	228	176677	12.080 ng		98
82) Chrysene	14.09	228	162589	11.449 ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	32954	2.630 ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	63622	5.659 ng		94
87) Benzo(b)fluoranthene	15.12	252	215676	18.898 ng	#	90
88) Benzo(k)fluoranthene	15.12	252	215676	20.068 ng	#	93
89) Benzo(a)pyrene	15.50	252	113321	11.119 ng	#	94
91) Benzo(g,h,i)perylene	17.59	276	60793	7.898 ng		96

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

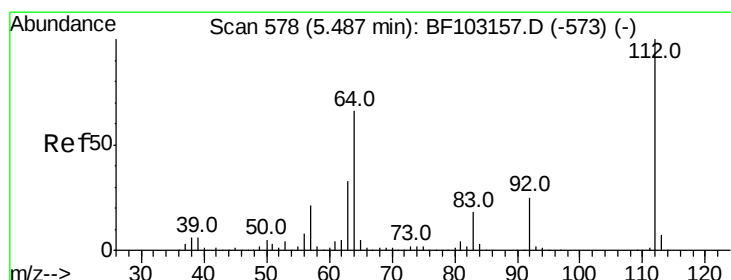
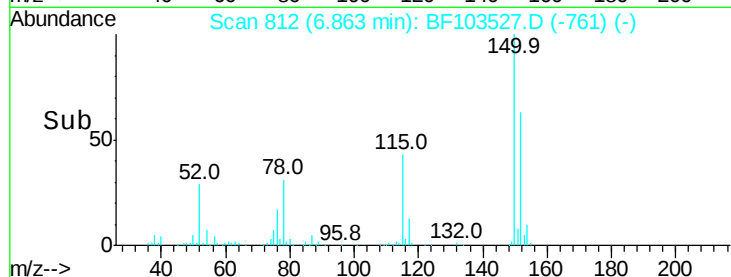
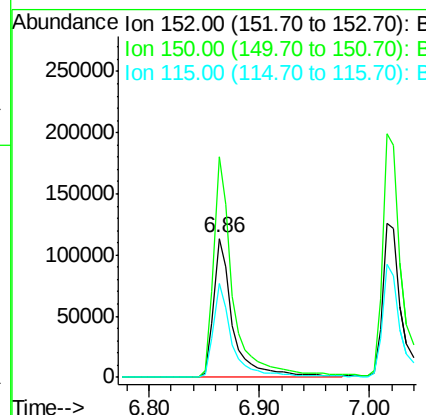
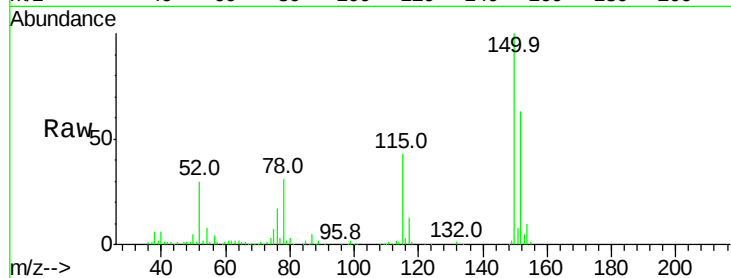


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Instrument :
BNA_F
ClientSampleId :

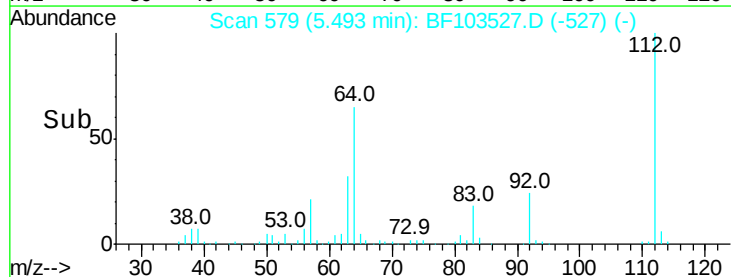
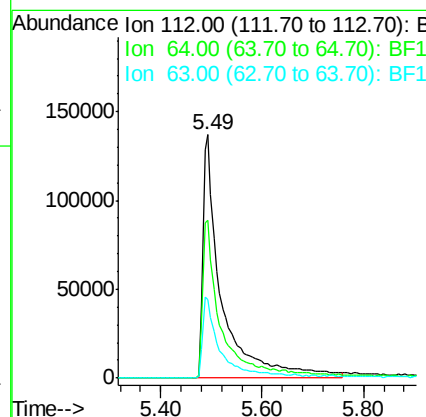
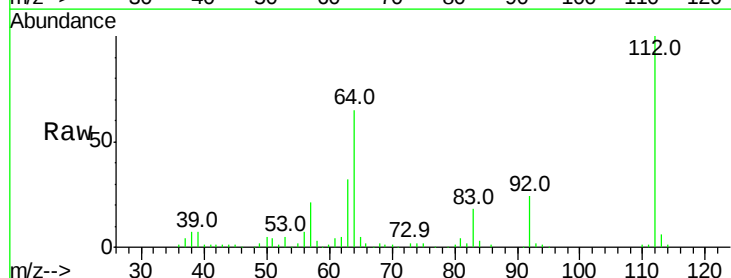
Tot Ion:152 Resp: 136903
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 67.6 50.1 75.1

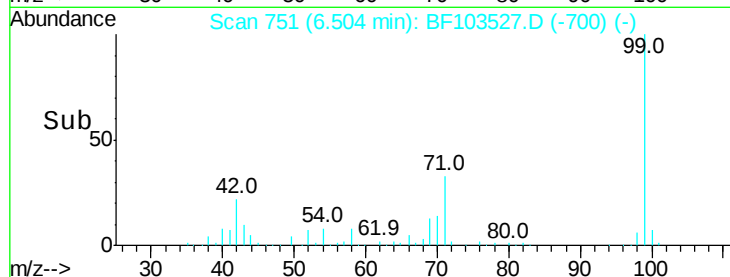
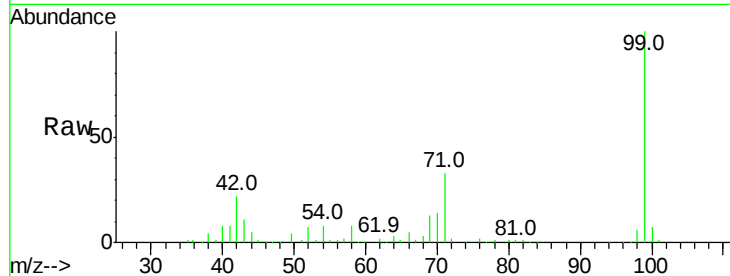
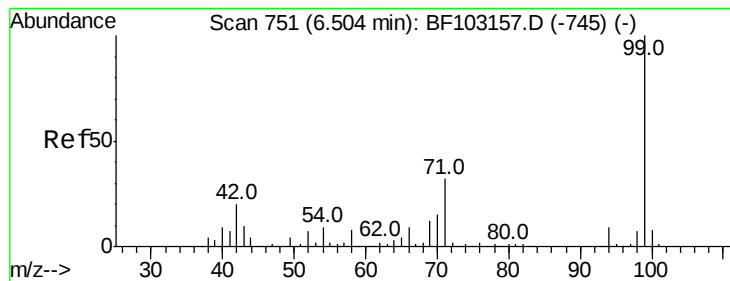


#5

2-Fluorophenol
Concen: 38.821 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Tgt Ion:112 Resp: 351399
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 43.428 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampled :

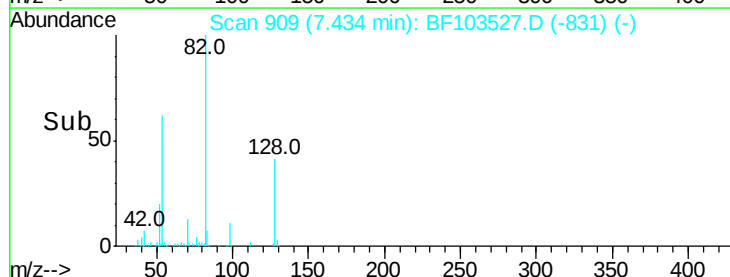
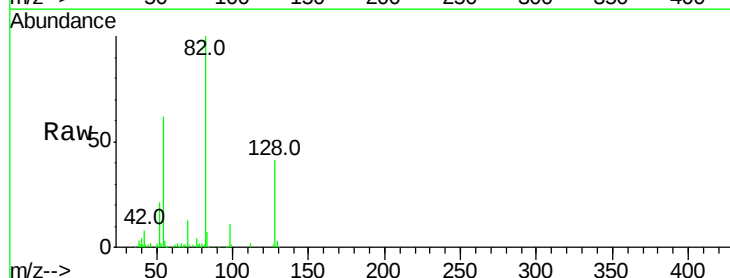
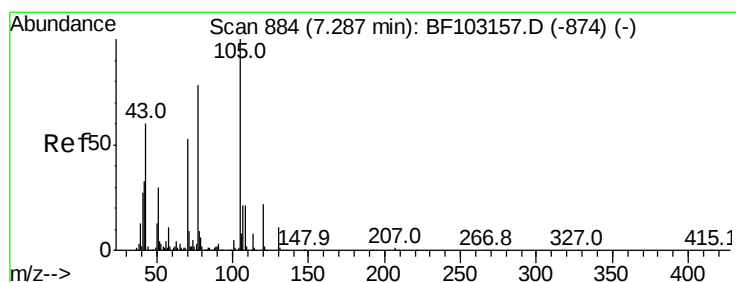
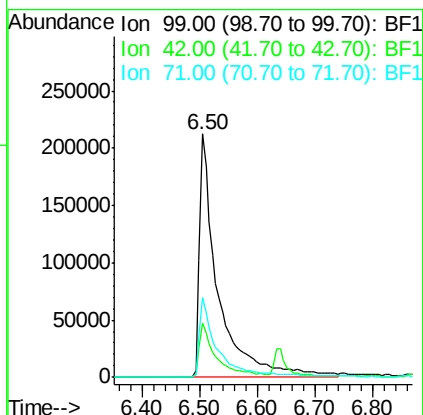
Tot Ion: 99 Resp: 481026

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.239 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Tgt Ion: 70 Resp: 36116

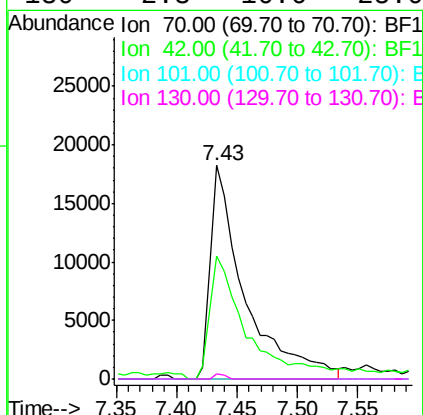
Ion Ratio Lower Upper

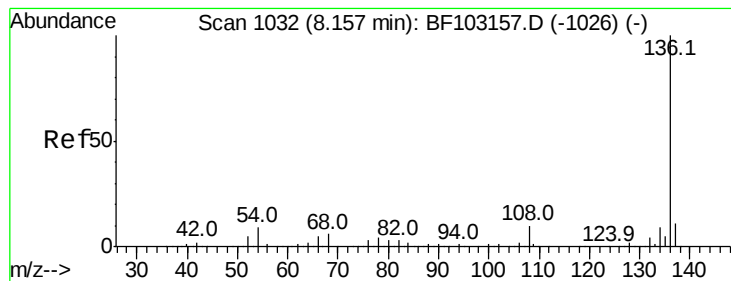
70 100

42 57.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639335

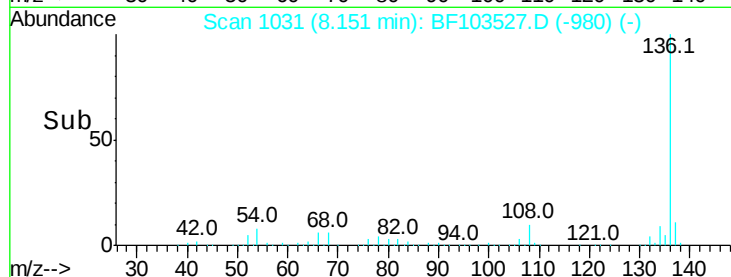
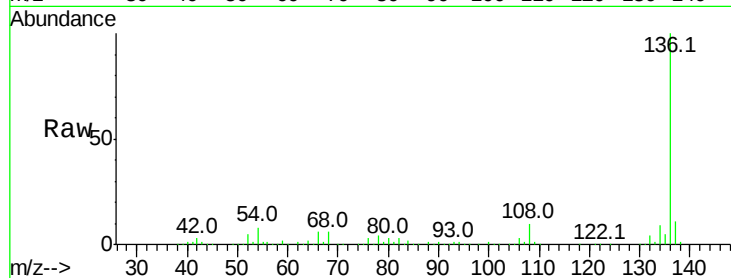
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 6.2 5.0 7.4

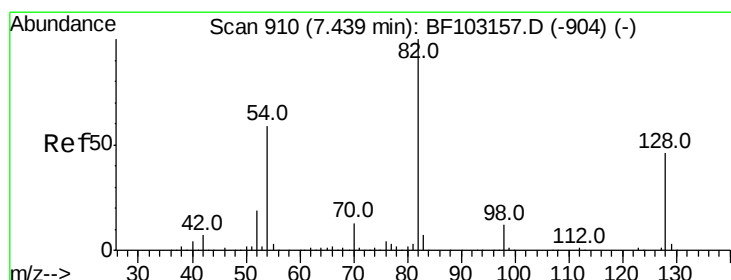
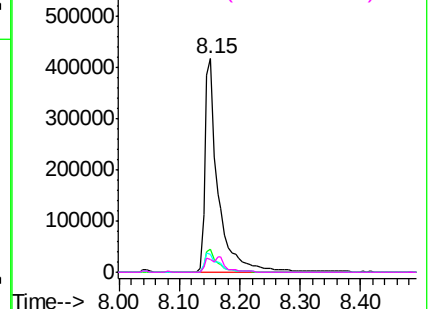


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.301 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

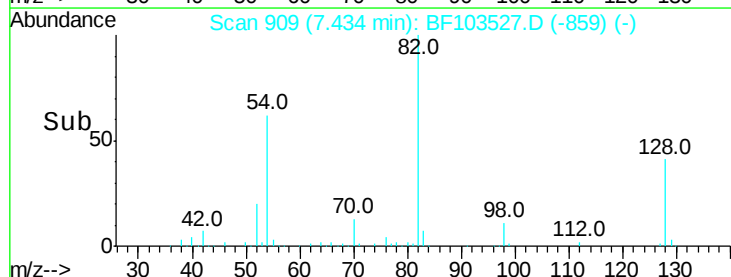
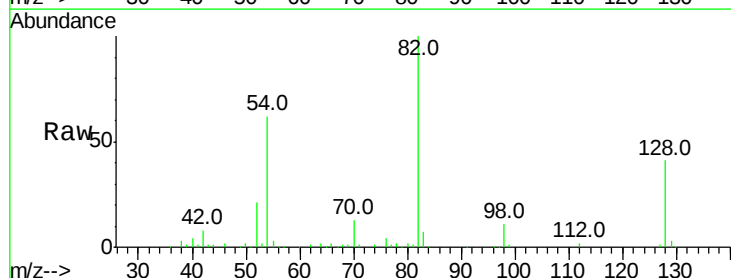
Tgt Ion: 82 Resp: 294438

Ion Ratio Lower Upper

82 100

128 41.2 36.1 54.1

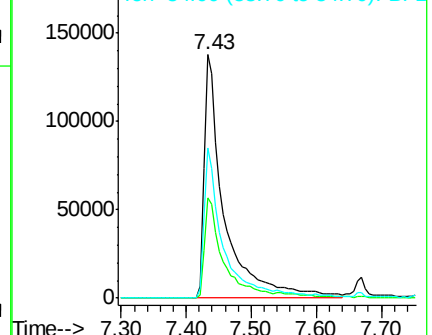
54 61.8 41.4 62.2

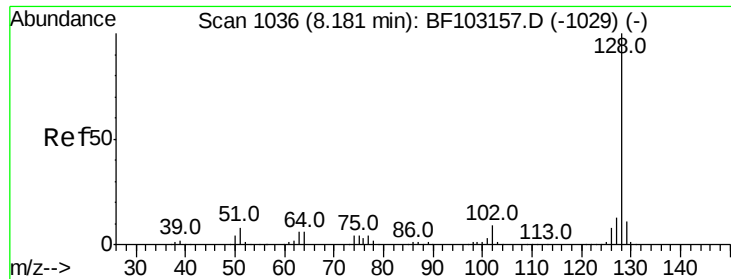


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

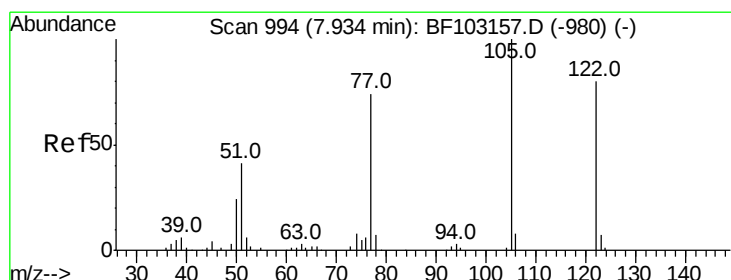
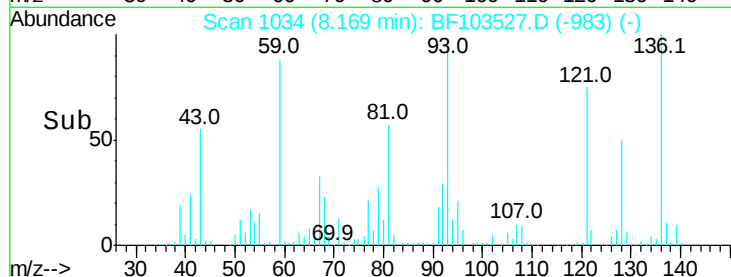
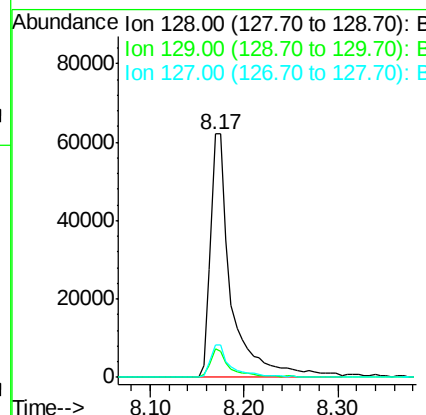
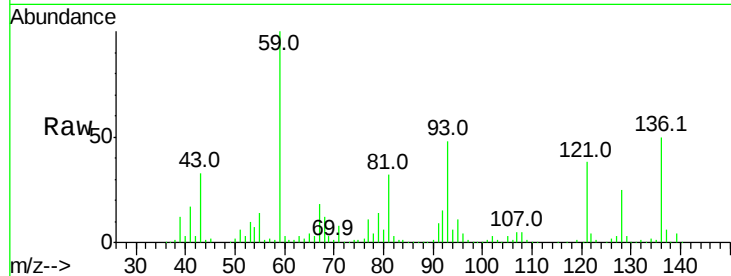




#31
Naphthalene
Concen: 3.100 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

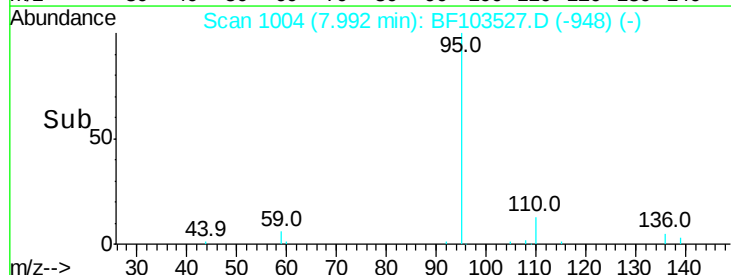
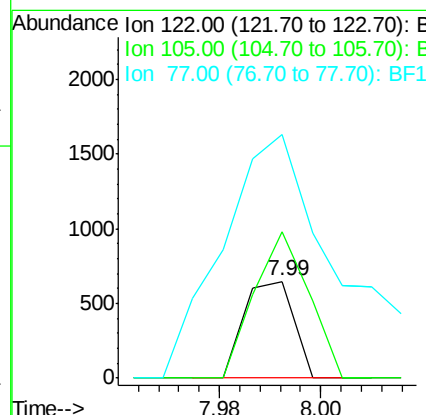
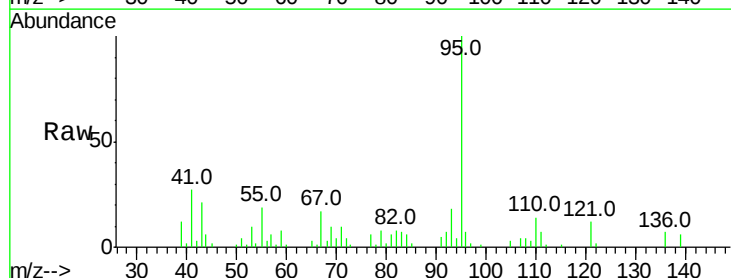
Instrument :
BNA_F
ClientSampleId :

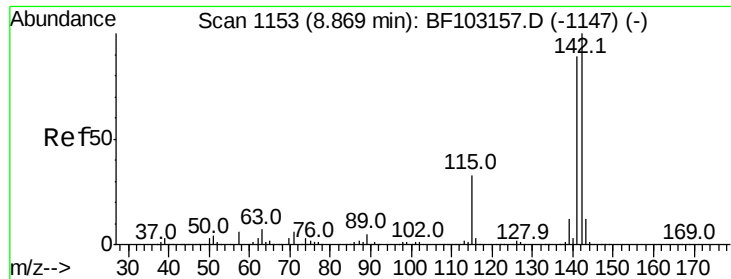
Tot Ion:128 Resp: 97039
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 6.971 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.03 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Tgt Ion:122 Resp: 441
Ion Ratio Lower Upper
122 100
105 150.7 101.1 141.1#
77 251.2 70.7 110.7#

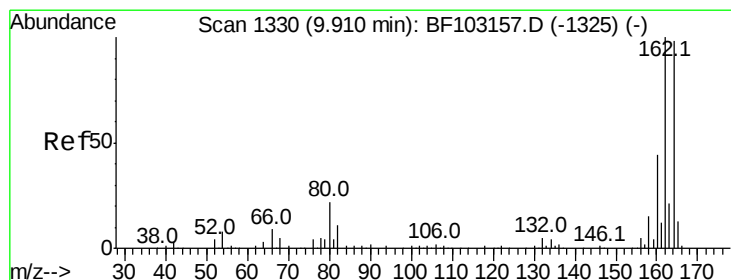
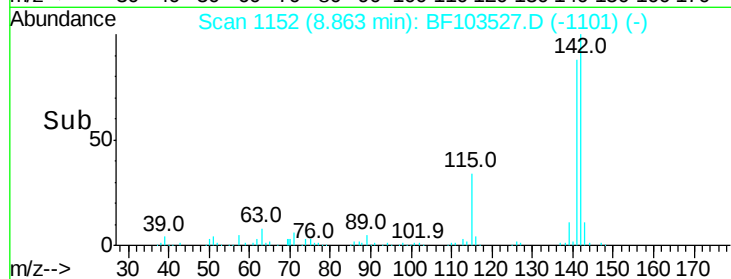
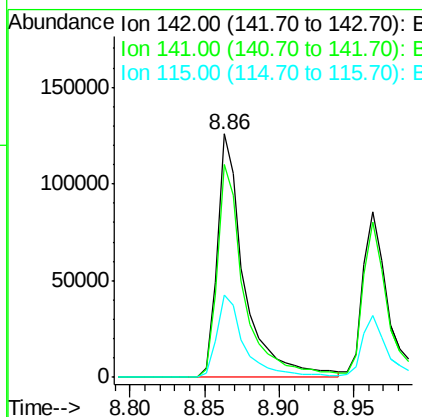
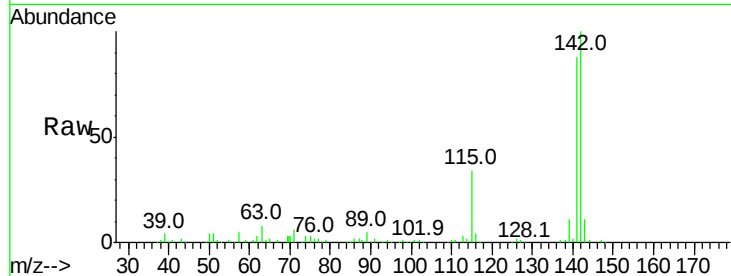




#37
 2-Methylnaphthalene
 Concen: 7.877 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

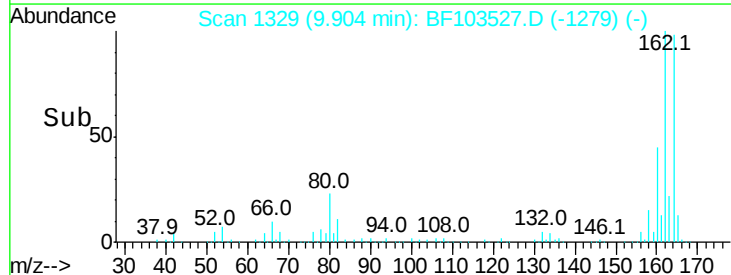
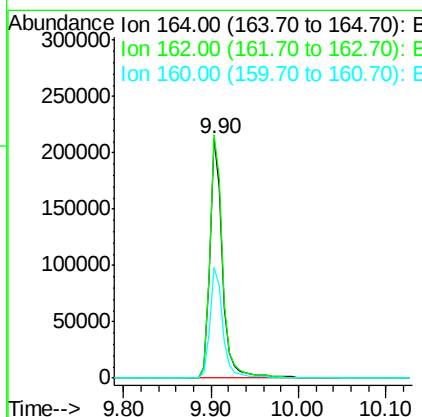
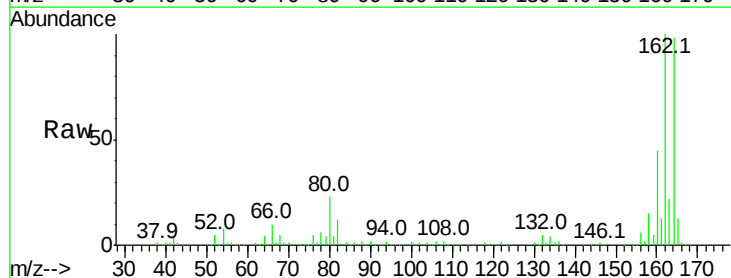
Instrument :
 BNA_F
 ClientSampleId :

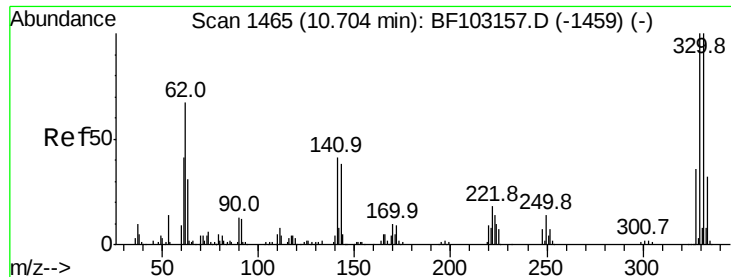
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	34.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.0	38.3	57.5

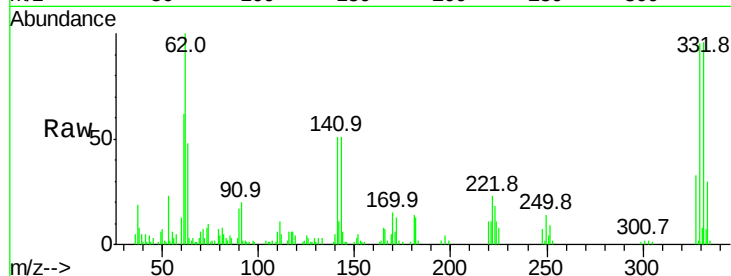




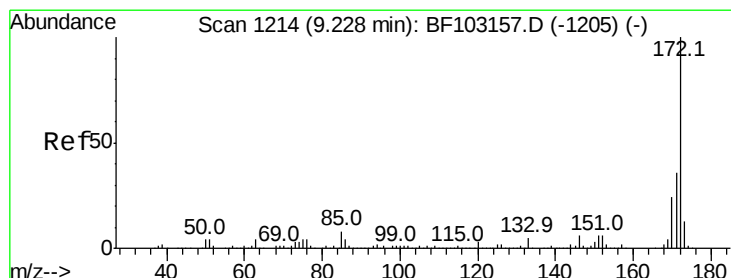
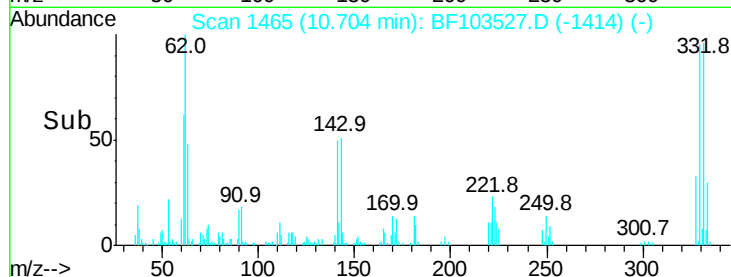
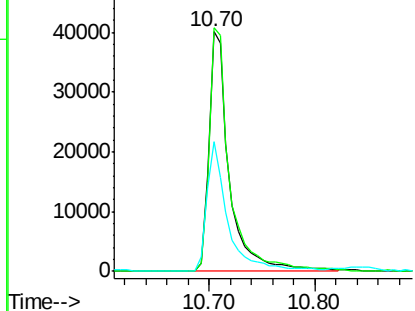
#41
 2,4,6-Tribromophenol
 Concen: 30.119 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 54656
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 55.2 29.9 44.9#

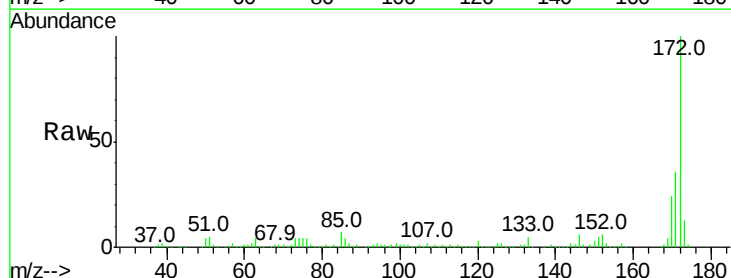


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

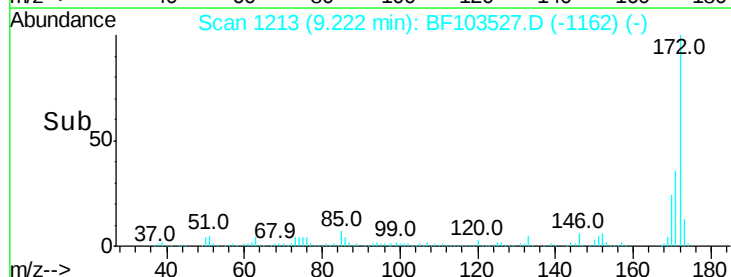
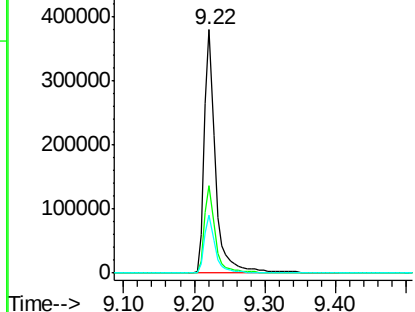


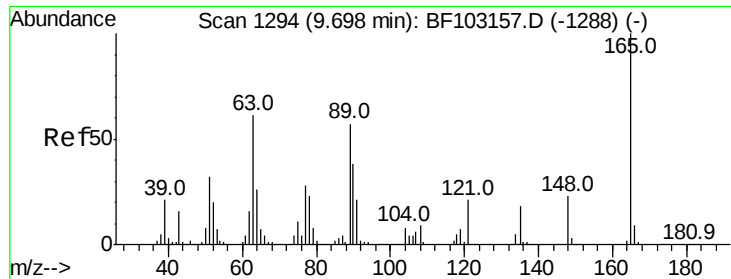
#44
 2-Fluorobiphenyl
 Concen: 27.879 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

Tgt Ion:172 Resp: 420188
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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

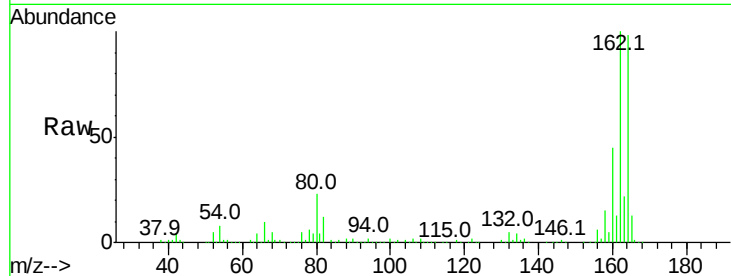




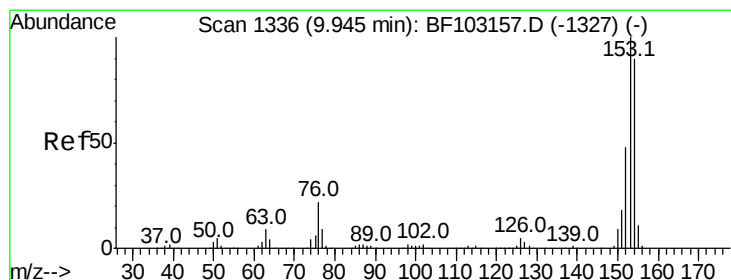
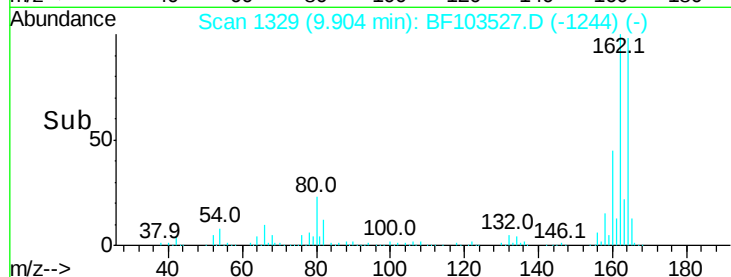
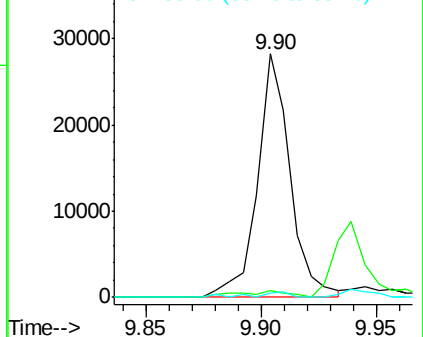
#50
2,6-Dinitrotoluene
Concen: 7.719 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 27859
Ion Ratio Lower Upper
165 100
63 2.6 44.7 67.1#
89 1.8 44.0 66.0#

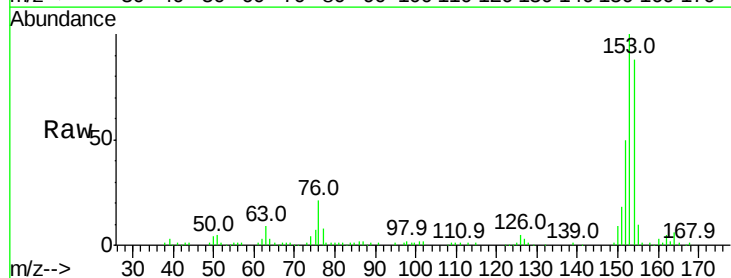


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

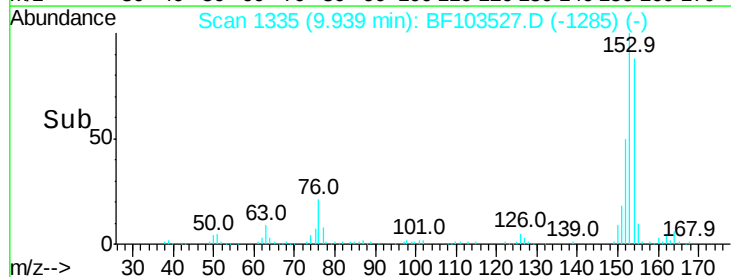
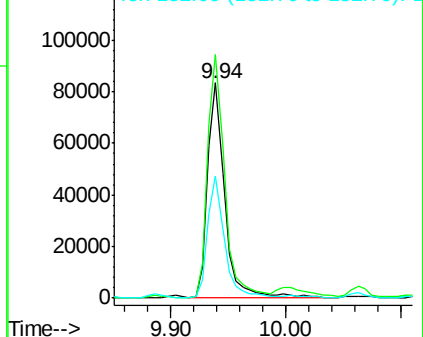


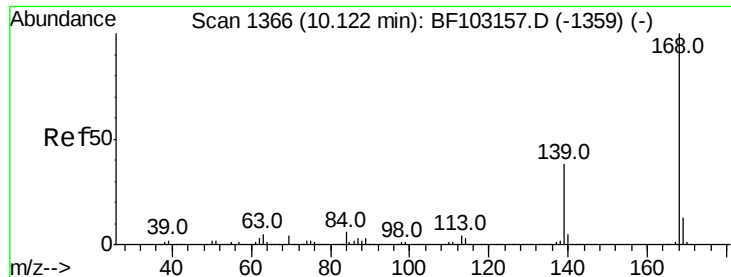
#51
Acenaphthene
Concen: 6.668 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Tgt Ion:154 Resp: 85029
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 56.7 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





#54

Dibenzenofuran

Concen: 5.185 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

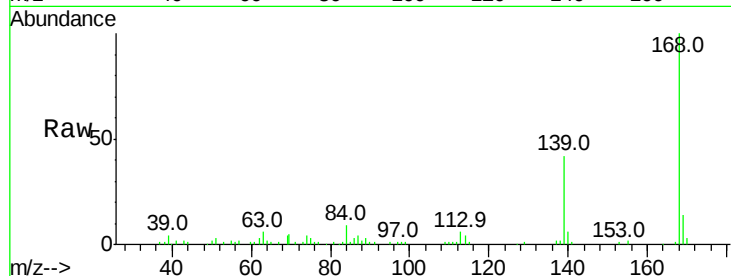
Tot Ion:168 Resp: 90765

Ion Ratio Lower Upper

168 100

139 41.7 30.1 45.1

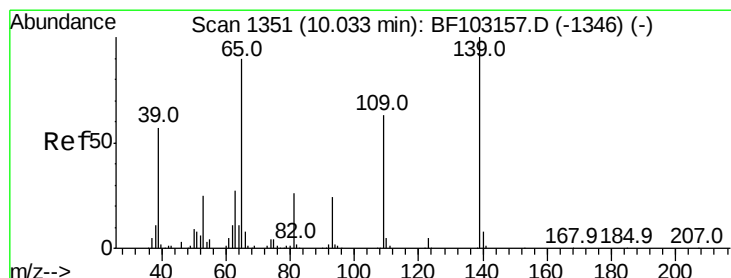
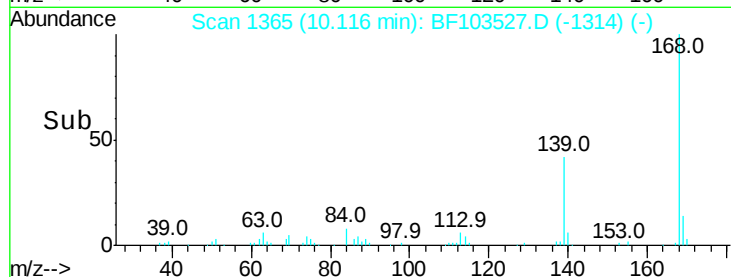
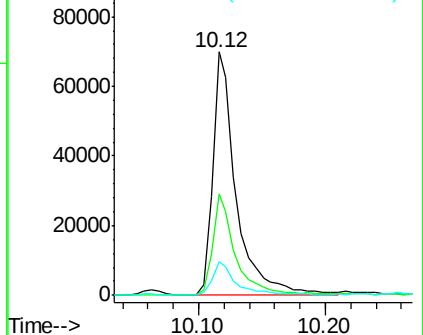
169 14.0 10.9 16.3



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: 13.102 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.06 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

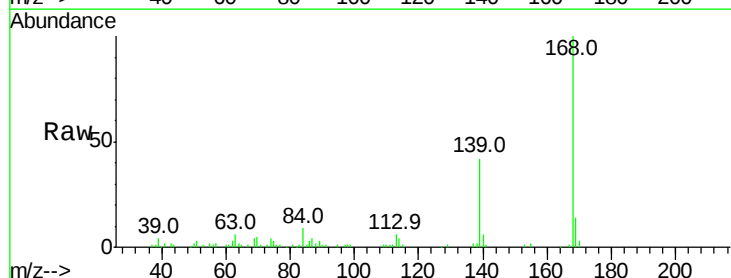
Tgt Ion:139 Resp: 37182

Ion Ratio Lower Upper

139 100

109 2.2 48.4 88.4#

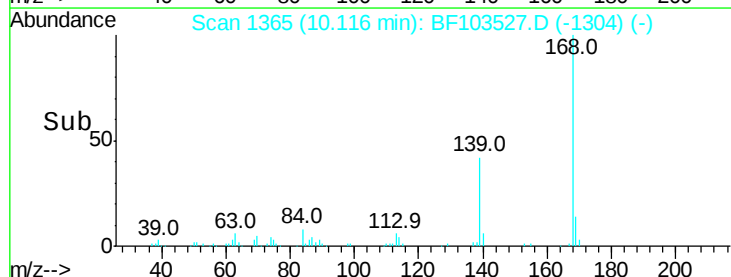
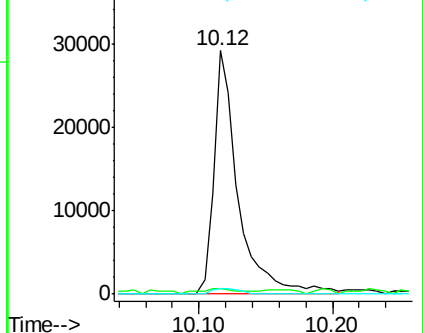
65 2.3 72.6 112.6#

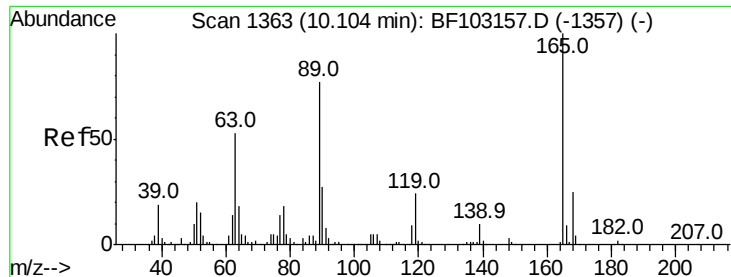


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

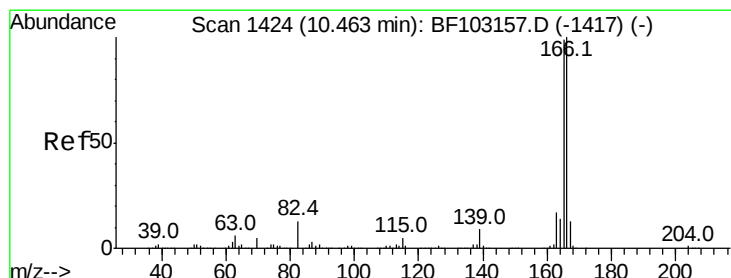
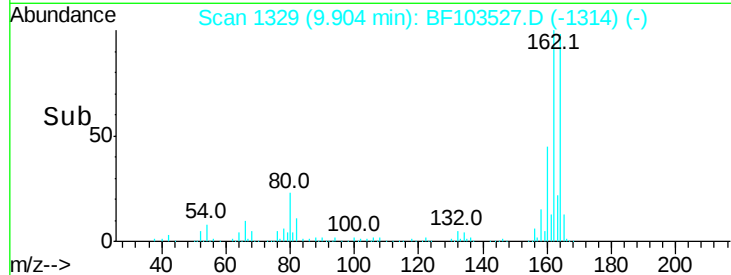
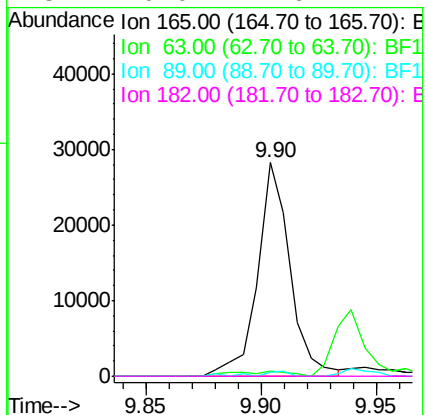
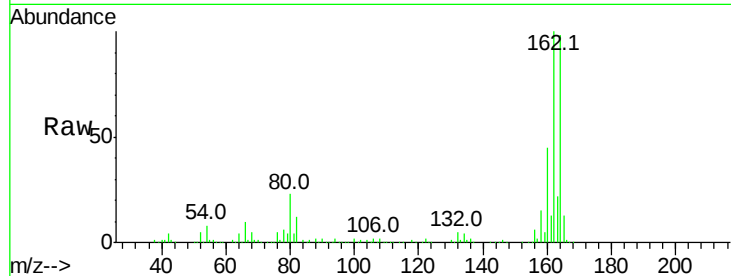




#56
 2,4-Dinitrotoluene
 Concen: 6.103 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

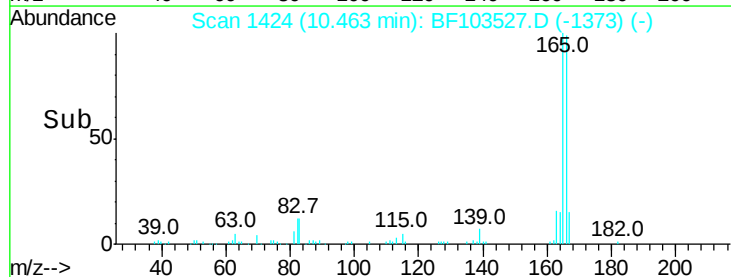
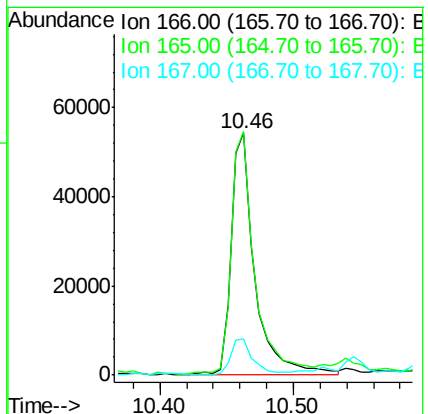
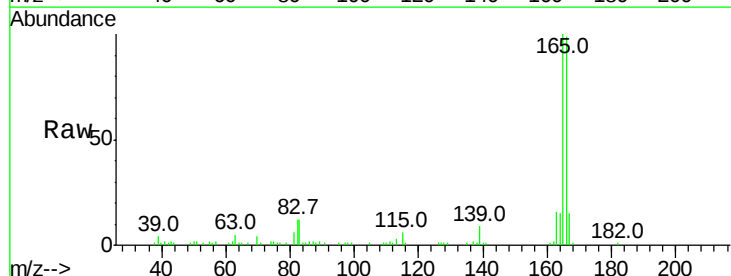
Instrument :
 BNA_F
 ClientSampleId :

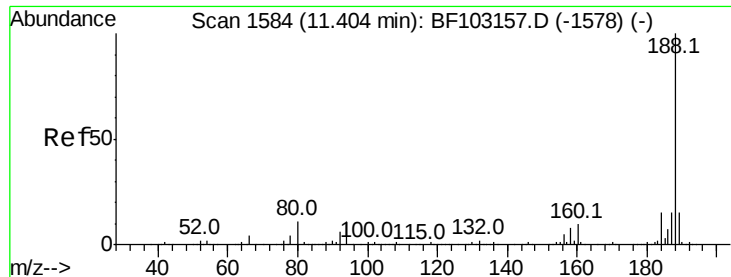
Tot Ion:	165	Resp:	27859
Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 4.550 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

Tgt Ion:	166	Resp:	67846
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	14.9	10.6	16.0

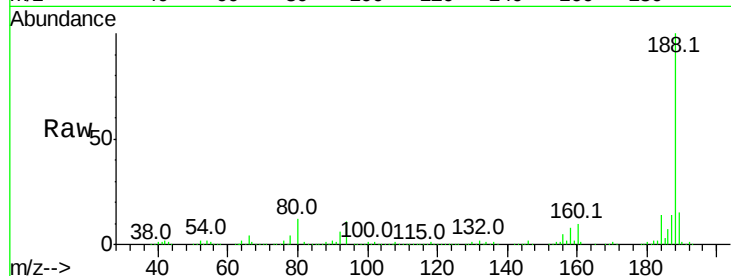




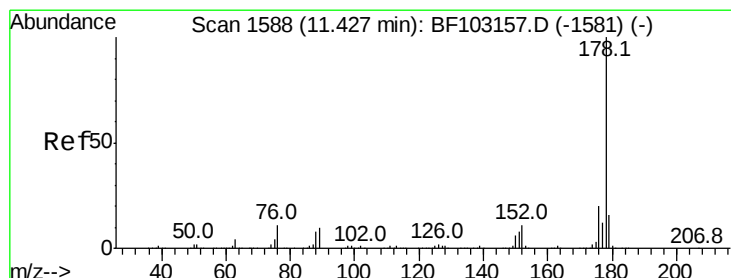
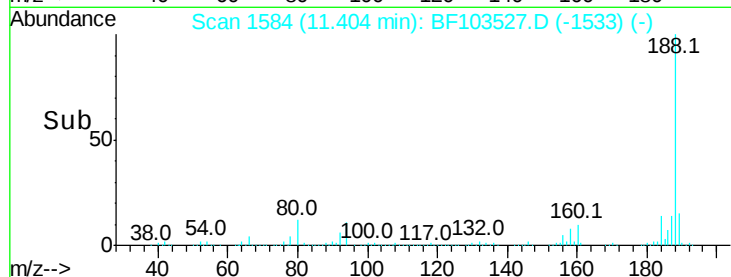
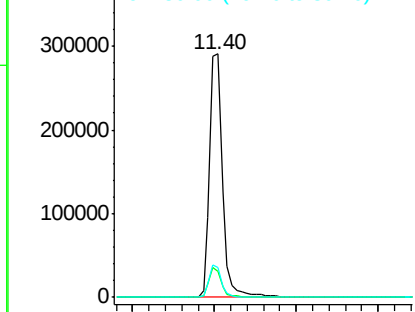
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 319225
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.2 9.2 13.8

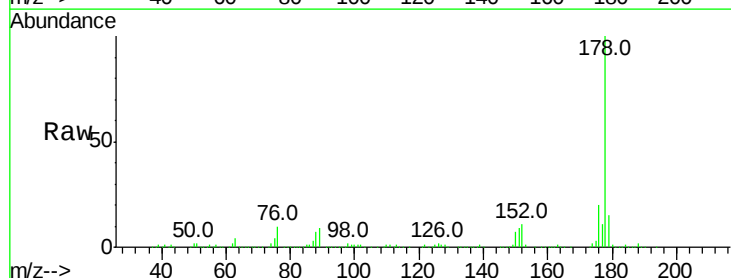


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

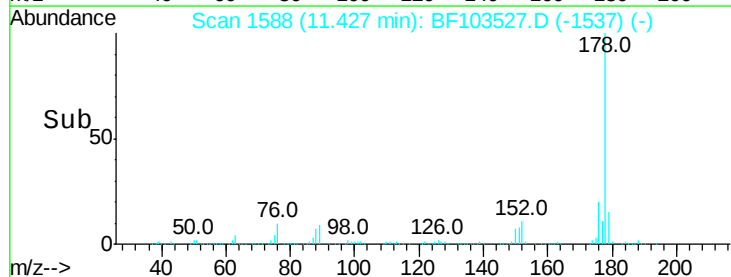
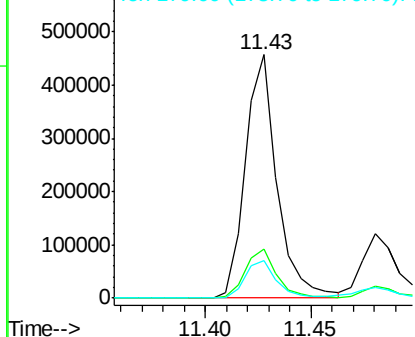


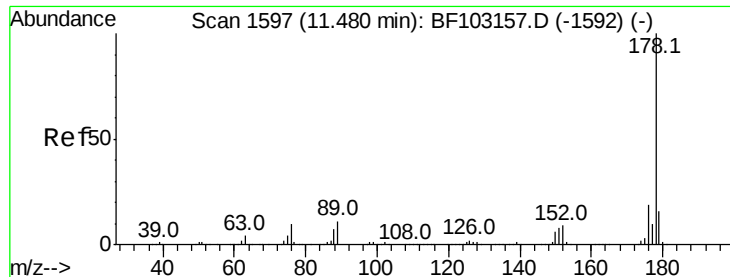
#70
Phenanthrene
Concen: 27.045 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Tgt Ion:178 Resp: 475129
Ion Ratio Lower Upper
178 100
176 20.3 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: 8.256 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

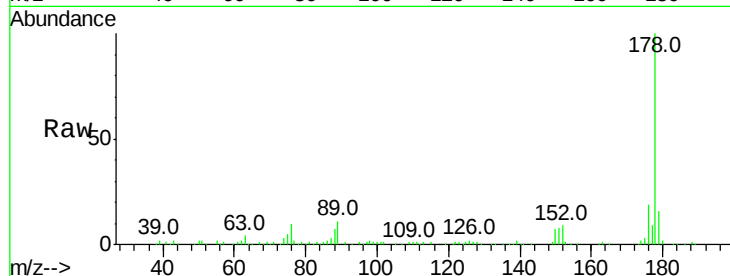
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 148736

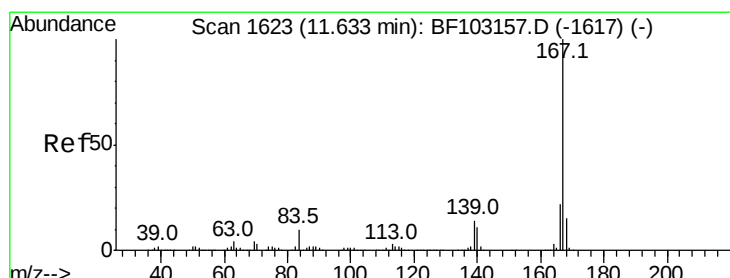
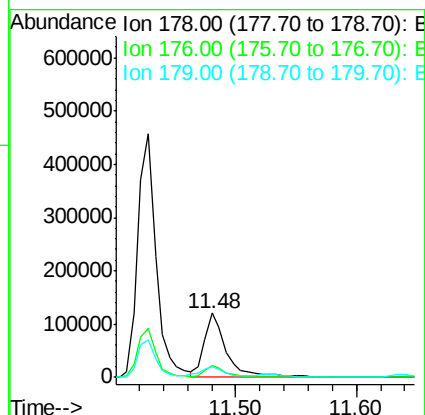
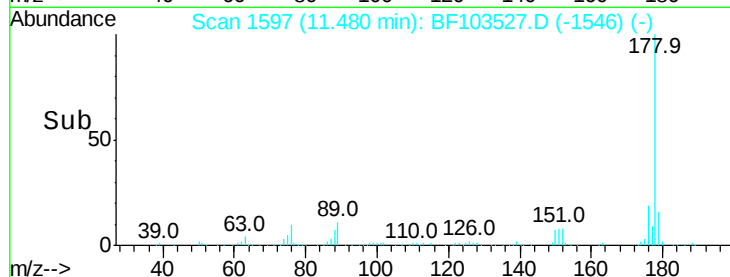
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0



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: 3.950 ng

RT: 11.65 min Scan# 1625

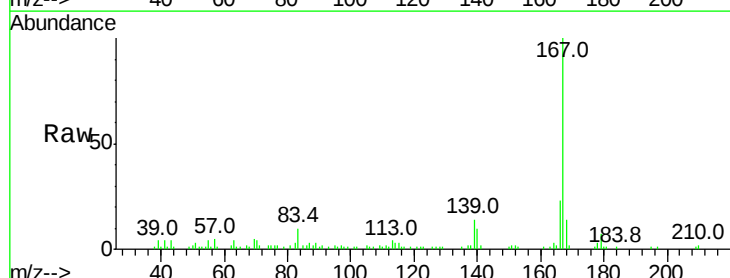
Delta R.T. 0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Tgt Ion:167 Resp: 70869

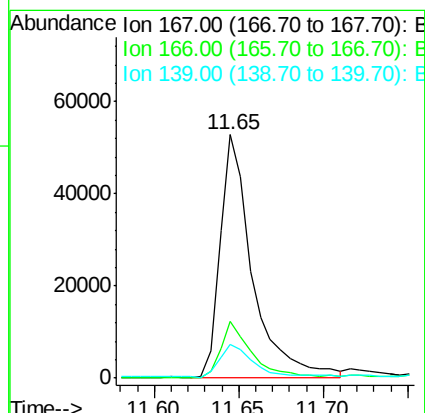
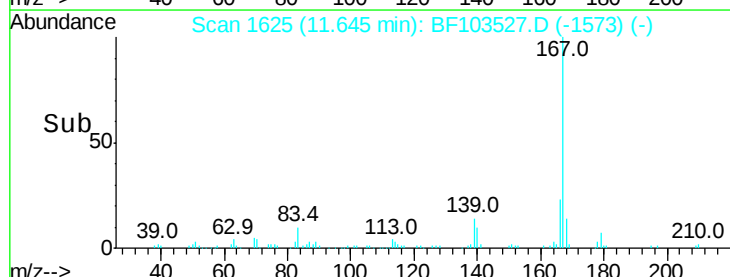
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.7	10.9	16.3

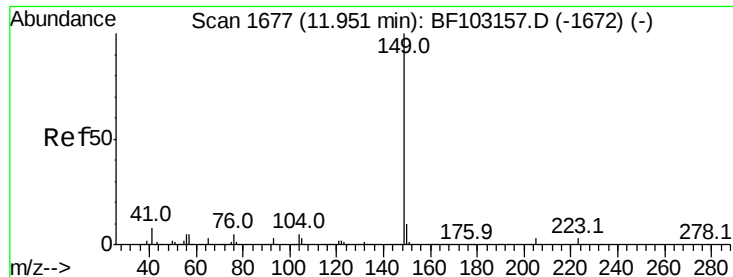


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

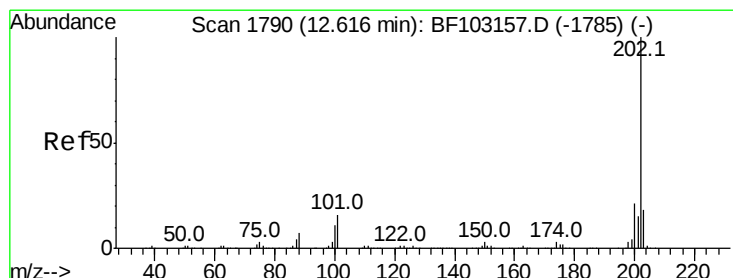
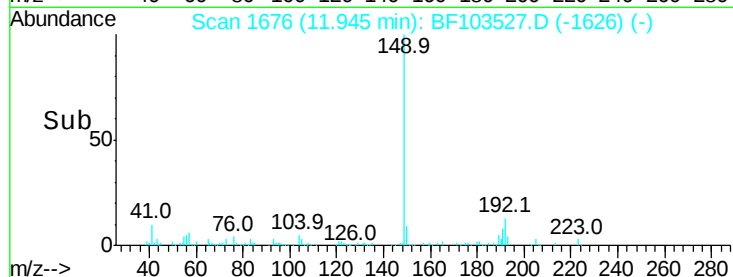
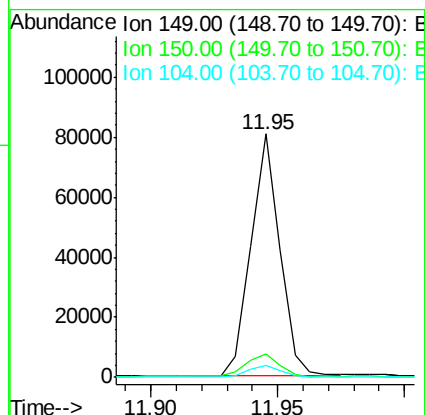
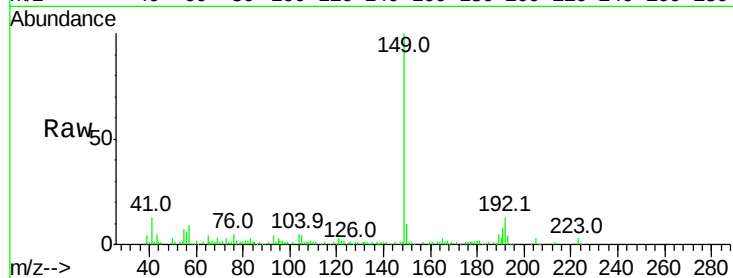




#73
Di-n-butylphthalate
Concen: 2.876 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

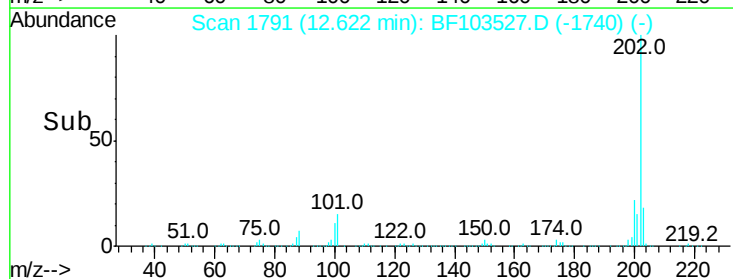
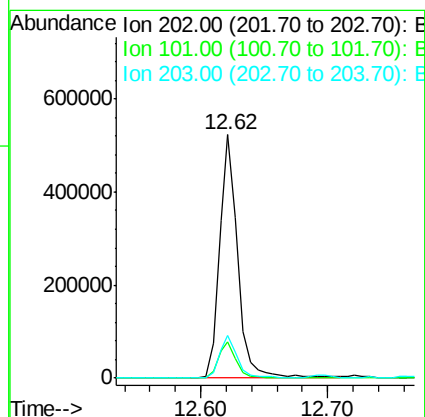
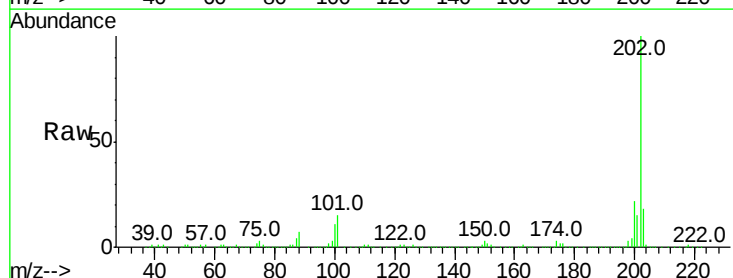
Instrument :
BNA_F
ClientSampled :

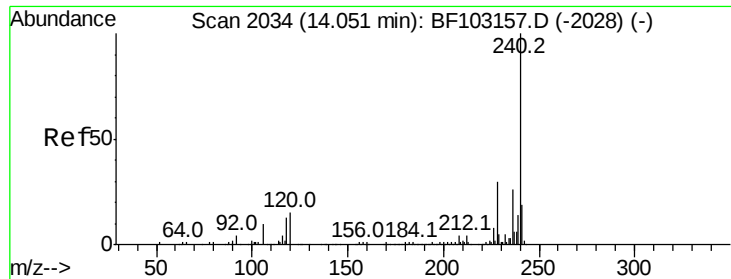
Tot Ion:149 Resp: 64567
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 29.826 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103527.D
Acq: 8 Mar 2018 20:02

Tgt Ion:202 Resp: 526544
Ion Ratio Lower Upper
202 100
101 14.9 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

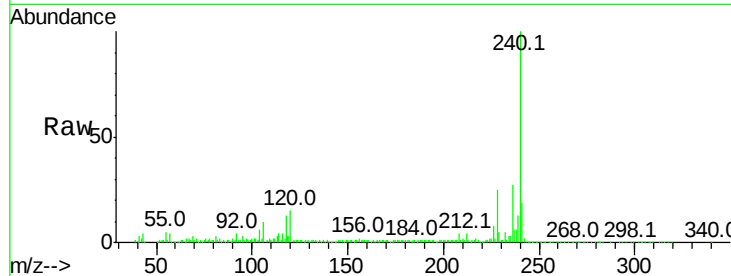
Tot Ion:240 Resp: 225418

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

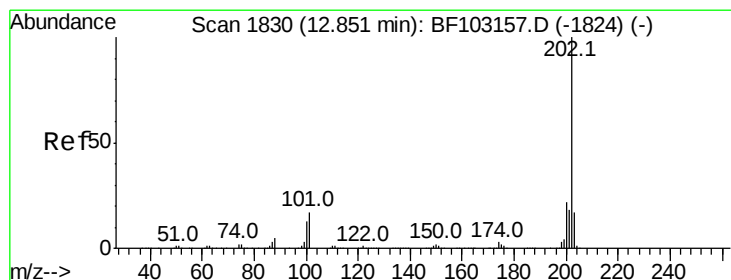
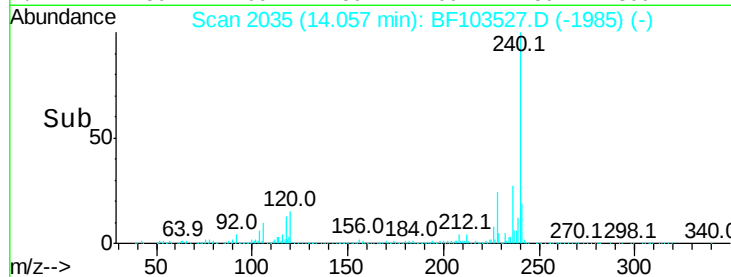
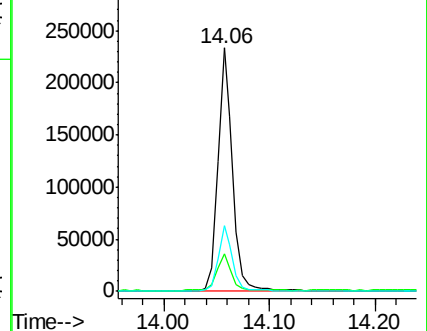
236 26.8 20.7 31.1



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: 25.801 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

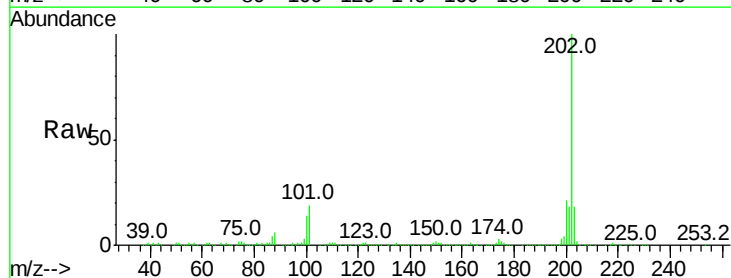
Tgt Ion:202 Resp: 453460

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

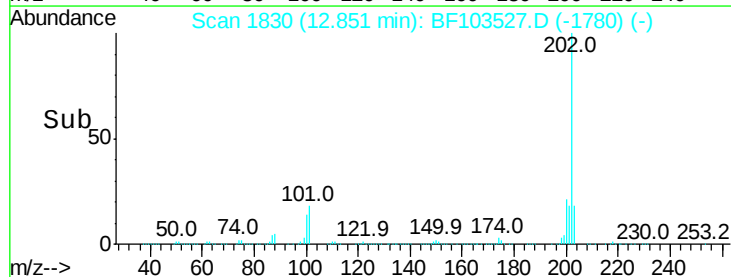
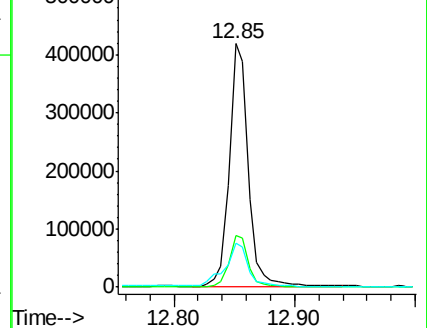
203 18.1 14.3 21.5

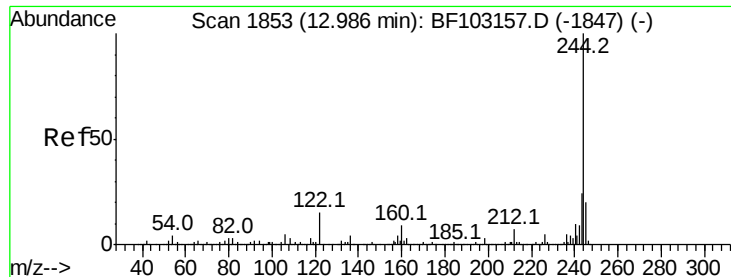


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 28.999 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

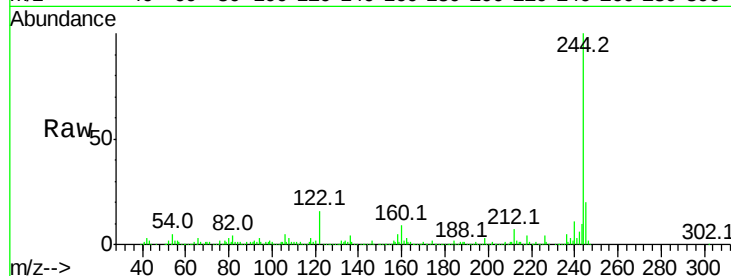
Tot Ion:244 Resp: 271935

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

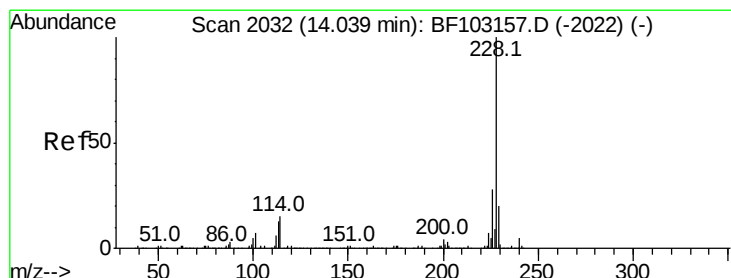
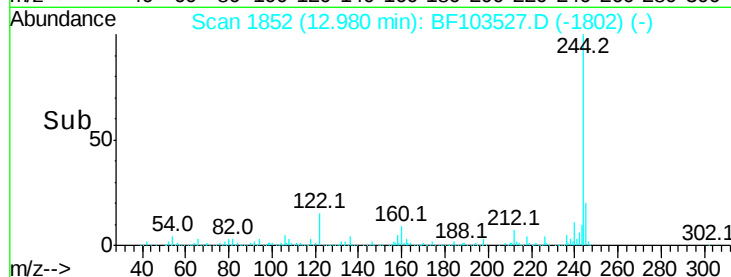
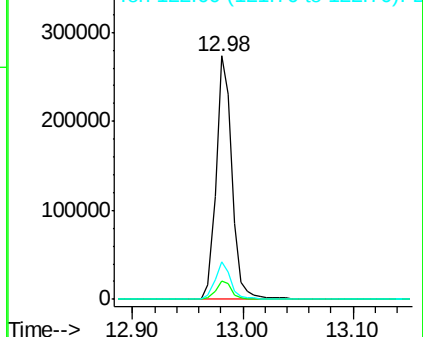
122 15.6 11.0 16.4



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: 12.080 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

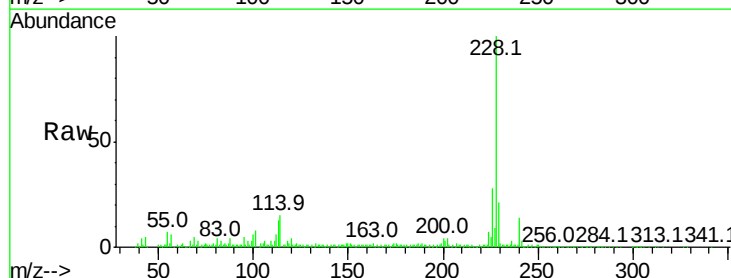
Tgt Ion:228 Resp: 176677

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

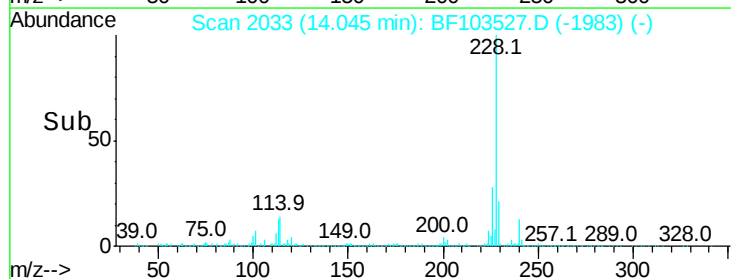
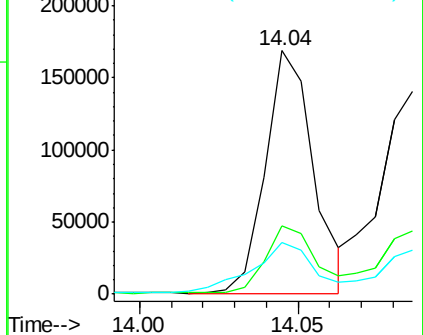
229 21.4 15.8 23.6

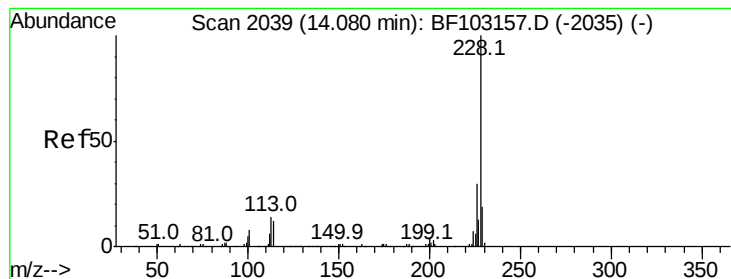


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 11.449 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

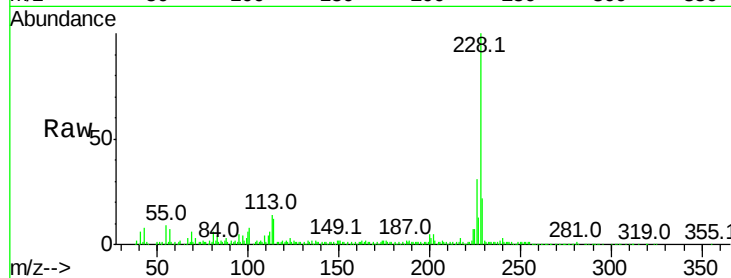
Tot Ion:228 Resp: 162589

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

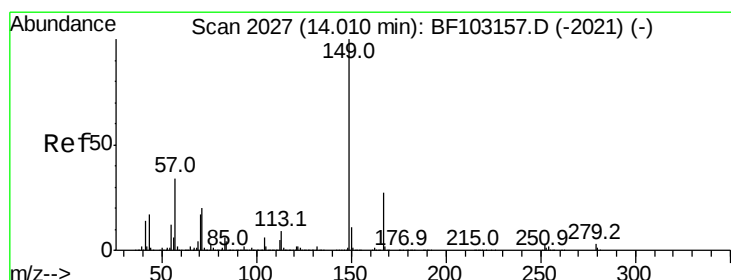
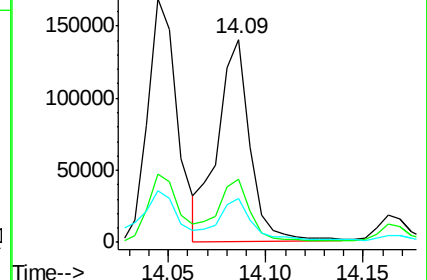
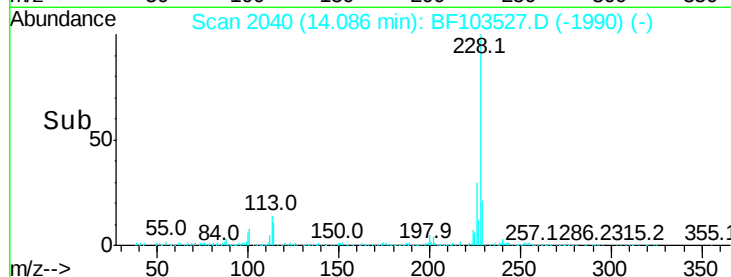
229 21.9 16.2 24.4



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: 2.630 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

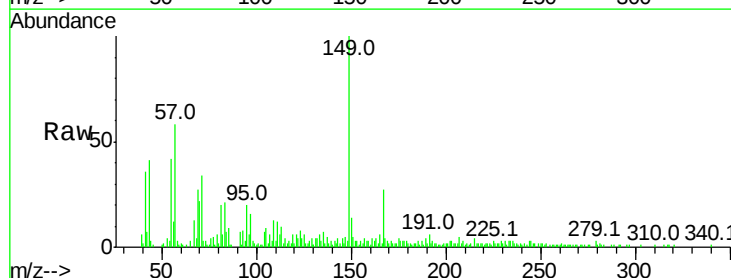
Tgt Ion:149 Resp: 32954

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

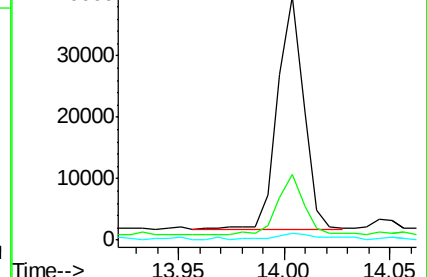
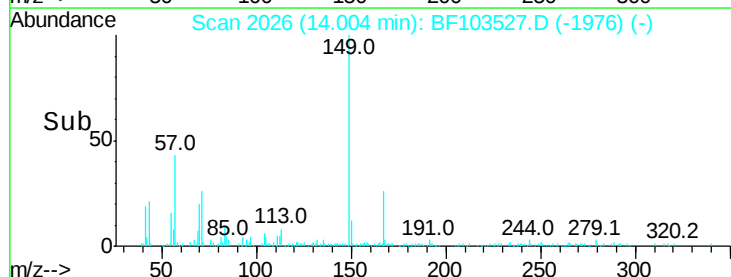
279 2.8 3.0 4.4#

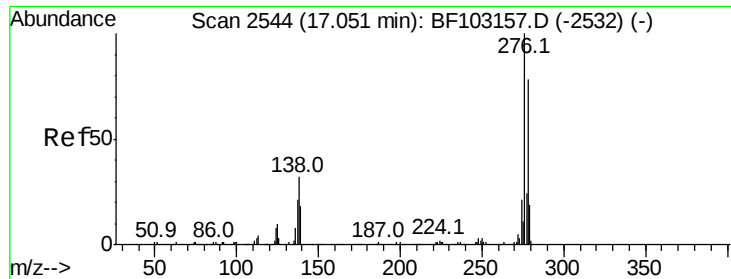


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

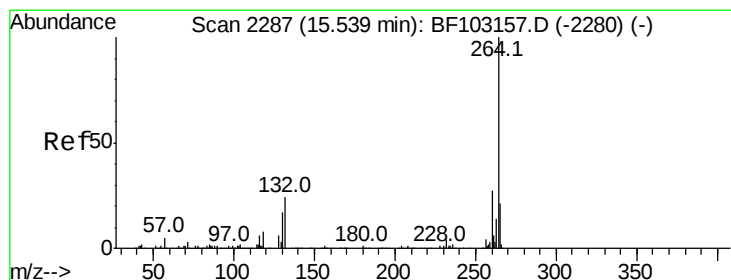
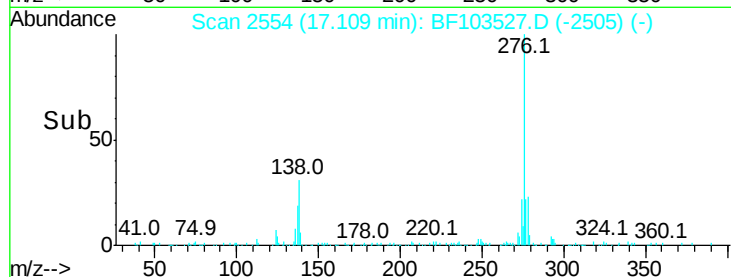
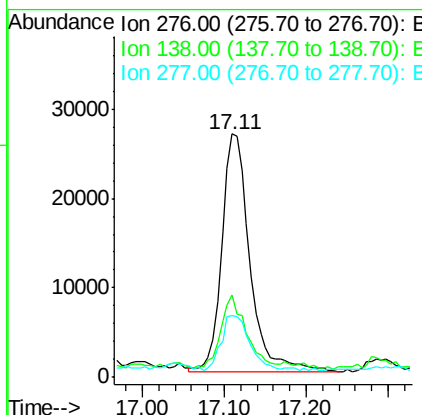
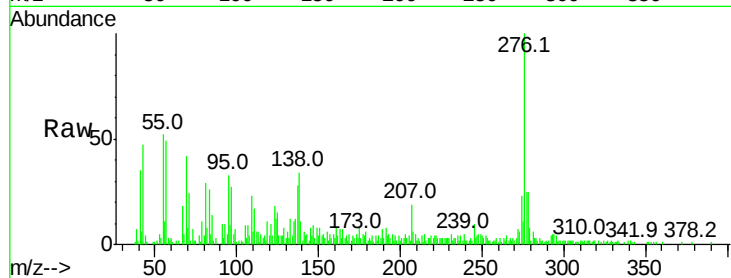




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.659 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

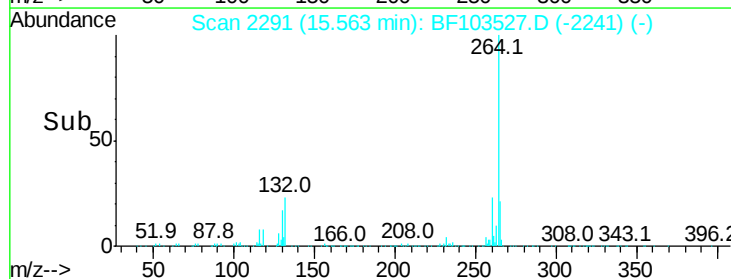
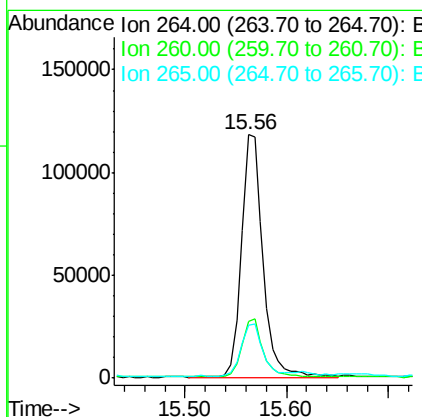
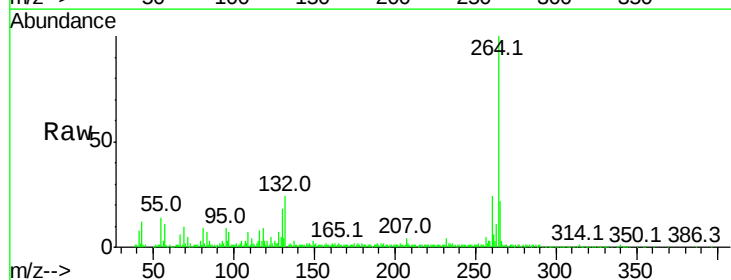
Instrument :
 BNA_F
 ClientSampleId :

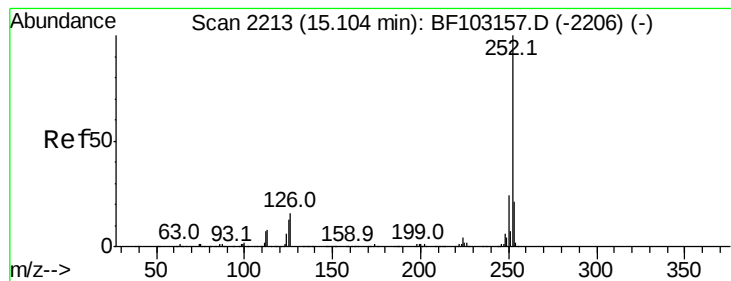
Tot Ion:276 Resp: 63622
 Ion Ratio Lower Upper
 276 100
 138 27.1 25.0 37.6
 277 23.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103527.D
 Acq: 8 Mar 2018 20:02

Tgt Ion:264 Resp: 173582
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 18.898 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

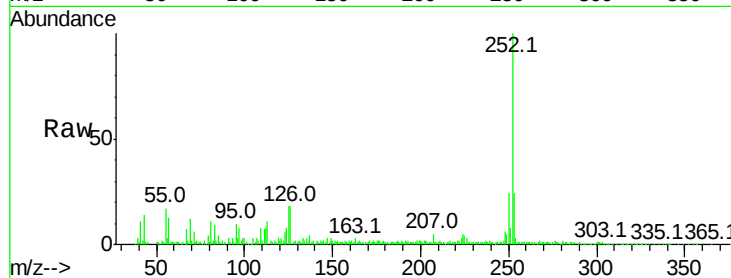
Tot Ion:252 Resp: 215676

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

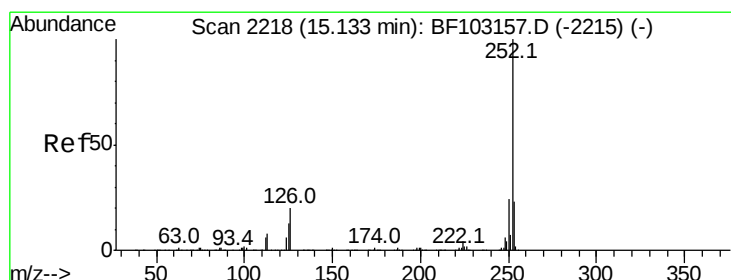
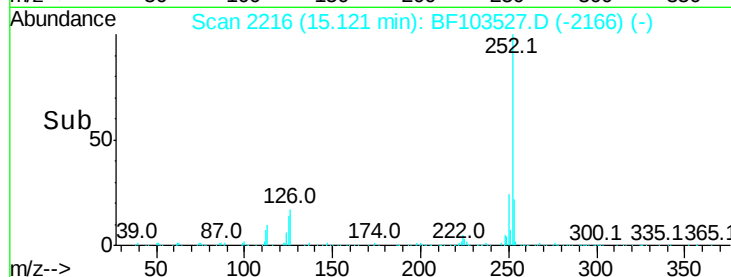
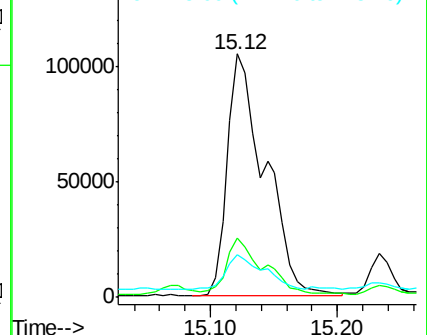
125 17.7 9.0 13.6#



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: 20.068 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.04 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

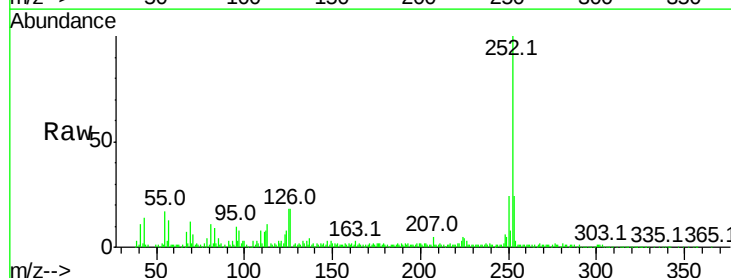
Tgt Ion:252 Resp: 215676

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

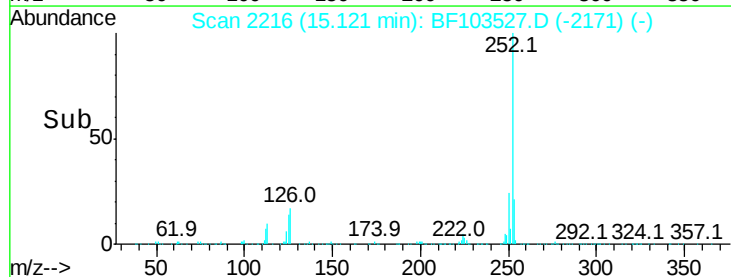
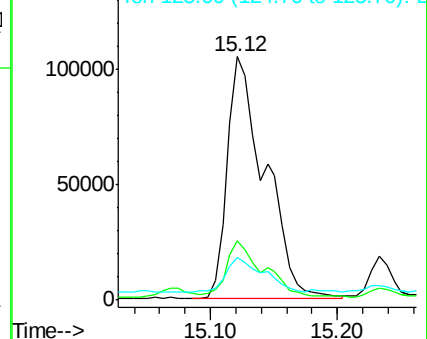
125 17.7 10.2 15.2#

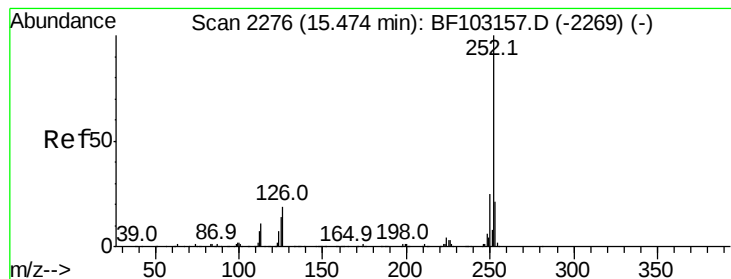


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 11.119 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

Instrument :

BNA_F

ClientSampleId :

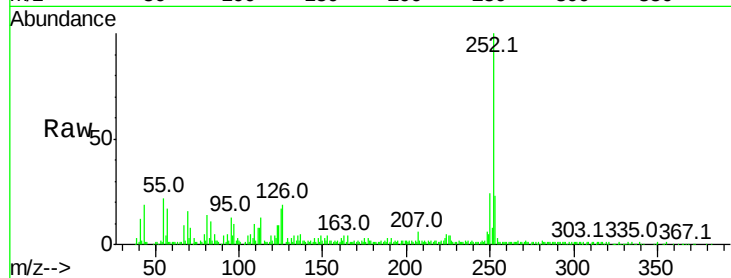
Tot Ion:252 Resp: 113321

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

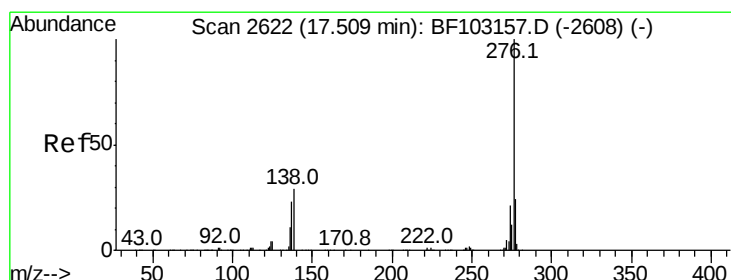
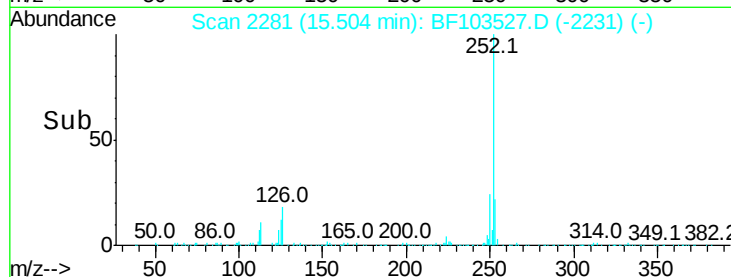
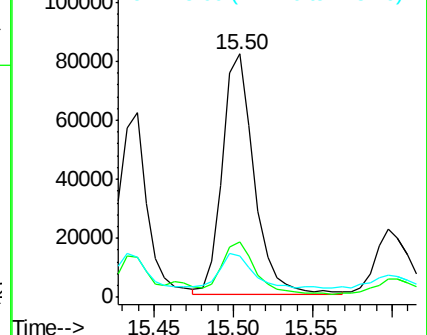
125 16.8 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 7.898 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.01 min

Lab File: BF103527.D

Acq: 8 Mar 2018 20:02

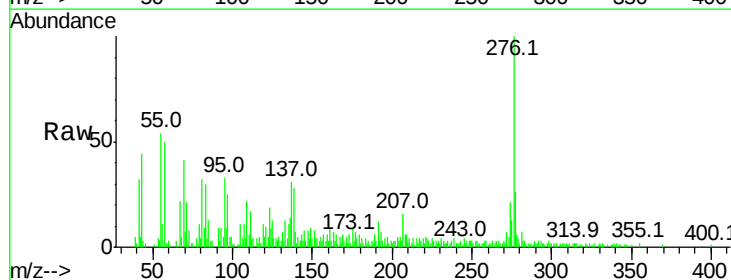
Tgt Ion:276 Resp: 60793

Ion Ratio Lower Upper

276 100

277 26.1 17.9 26.9

138 28.1 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

