

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103642.D
 Acq On : 14 Mar 2018 15:58
 Operator : SJ/JU
 Sample : J1754-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 18:11:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116617	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	479131	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	180332	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	258565	20.00	ng	0.00
75) Chrysene-d12	14.06	240	206457	20.00	ng	0.00
86) Perylene-d12	15.57	264	179657	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	589918	76.51	ng	0.00
7) Phenol-d6	6.50	99	792677	84.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	513682	61.23	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	78190	51.22	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	682875	60.87	ng	0.00
78) Terphenyl-d14	12.97	244	429360	49.99	ng	0.00

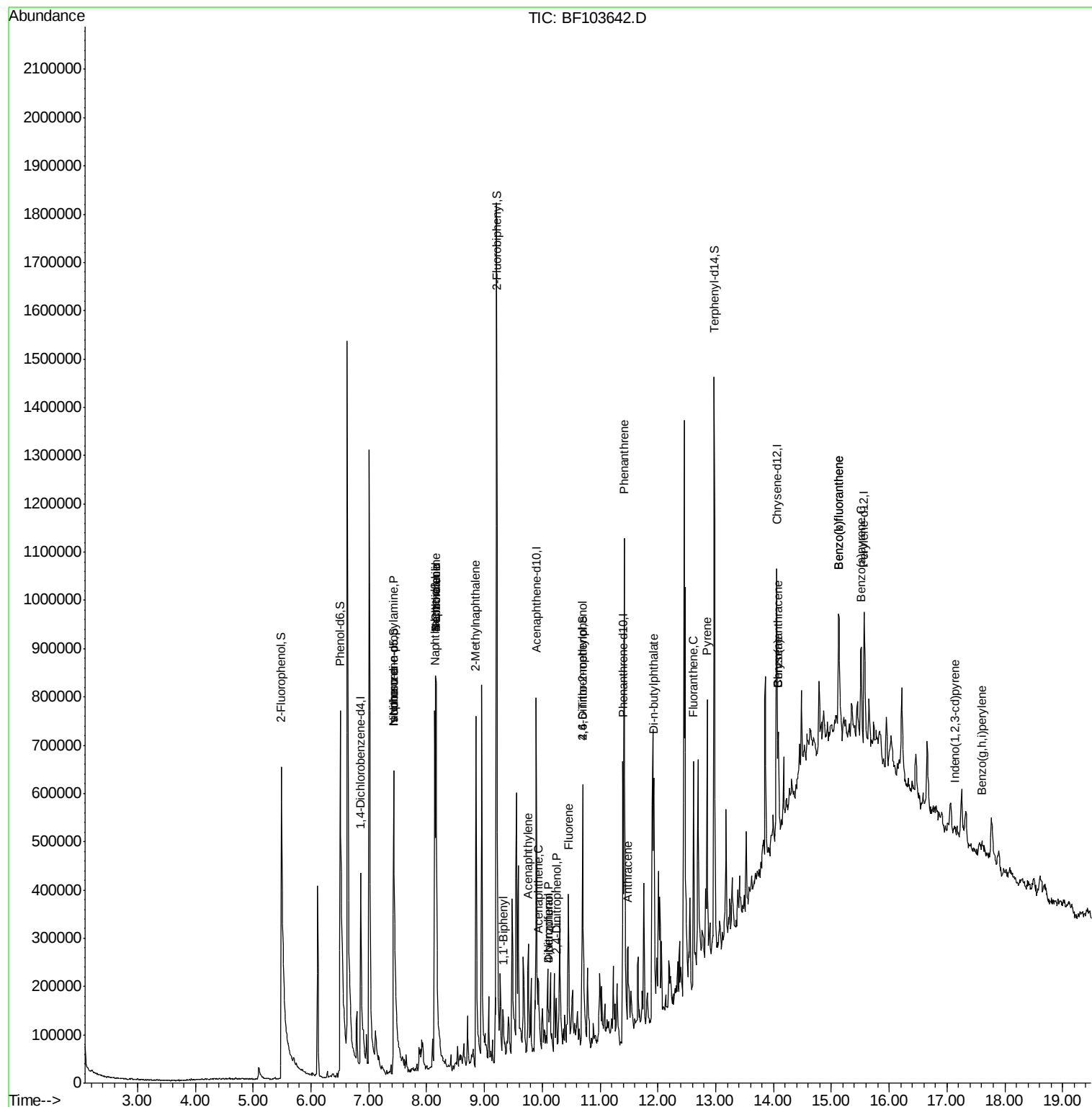
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	707	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	61194	10.421	ng	87
25) Isophorone	7.43	82	513682	31.087	ng	64
31) Naphthalene	8.16	128	565349	24.101	ng	99
32) Benzoic acid	8.16	122	1208	7.123	ng	1
33) 4-Chloroaniline	8.16	127	69709	6.887	ng	31
37) 2-Methylnaphthalene	8.85	142	290131	19.138	ng	97
45) 1,1'-Biphenyl	9.32	154	42840	2.835	ng	98
48) Acenaphthylene	9.76	152	51996	2.827	ng	92
51) Acenaphthene	9.93	154	27060	2.523	ng	89
53) 2,4-Dinitrophenol	10.25	184	131	9.726	ng	1
54) Dibenzofuran	10.11	168	34727	2.359	ng	87
55) 4-Nitrophenol	10.11	139	17621	7.382	ng	17
57) Fluorene	10.45	166	133445	10.640	ng	99
64) 4,6-Dinitro-2-methylphenol	10.70	198	106	5.006	ng	1
70) Phenanthrene	11.42	178	492760	34.629	ng	99
71) Anthracene	11.48	178	130527	8.945	ng	99
73) Di-n-butylphthalate	11.93	149	70404	3.872	ng	95
74) Fluoranthene	12.62	202	222877	15.587	ng	99
77) Pvrene	12.85	202	269188	16.723	ng	99
80) Benzo(a)anthracene	14.08	228	88088	6.576	ng	93
82) Chrysene	14.08	228	88088	6.772	ng	97
85) Indeno(1,2,3-cd)pyrene	17.14	276	22980	2.232	ng	99
87) Benzo(b)fluoranthene	15.13	252	89635	7.588	ng	80
88) Benzo(k)fluoranthene	15.13	252	89635	8.058	ng	82
89) Benzo(a)pyrene	15.51	252	51896	4.920	ng	71
91) Benzo(g,h,i)perylene	17.62	276	20765	2.607	ng	65

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103642.D
Acq On : 14 Mar 2018 15:58
Operator : SJ/JU
Sample : J1754-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 14 18:11:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration



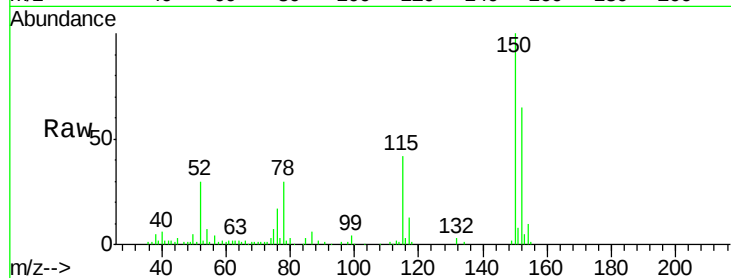


#1

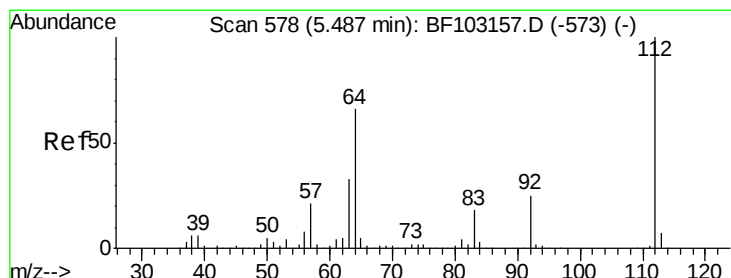
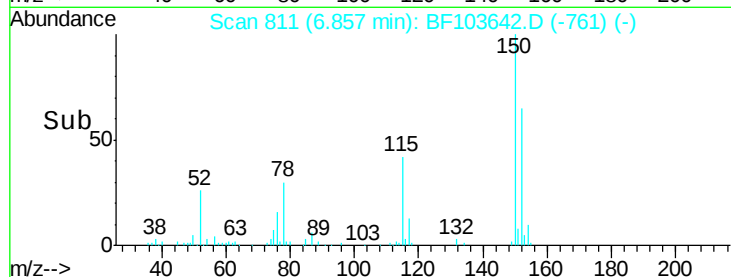
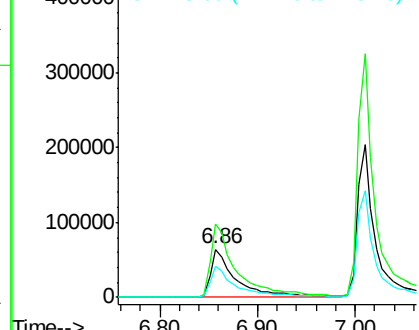
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	116617
Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	64.5	50.1	75.1



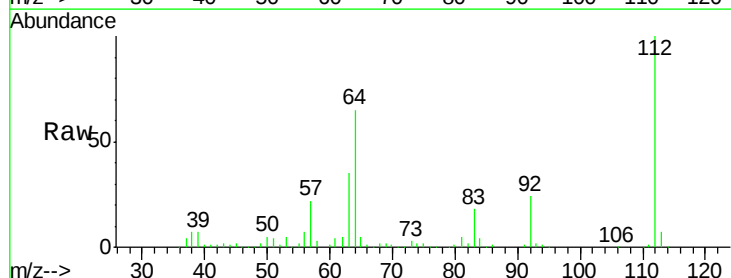
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



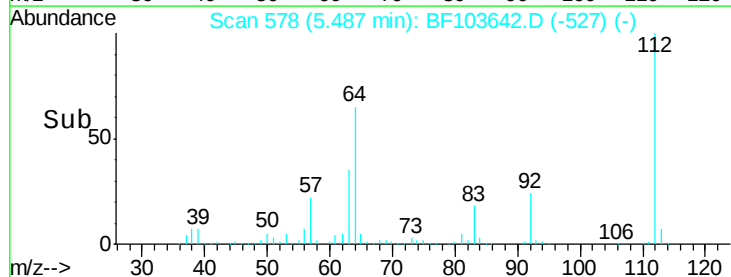
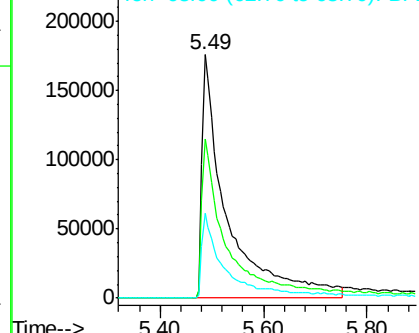
#5

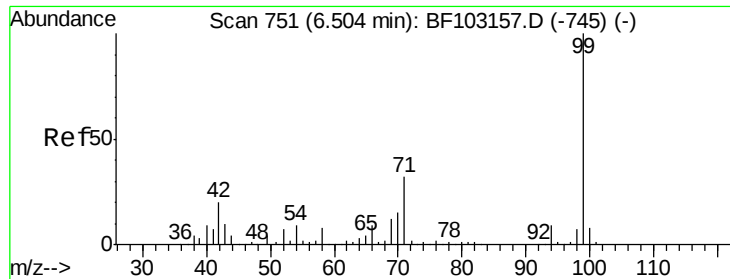
2-Fluorophenol
Concen: 76.508 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Tgt Ion	112	Resp	589918
Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	34.6	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: 84.014 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

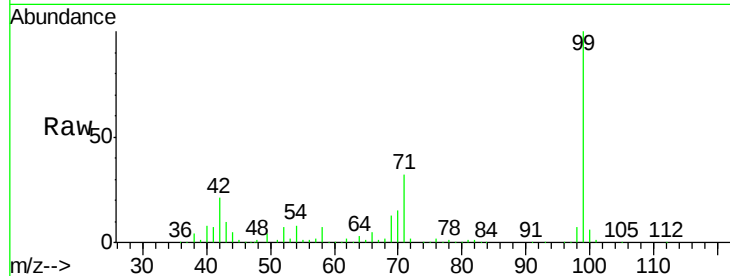
Tot Ion: 99 Resp: 792677

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

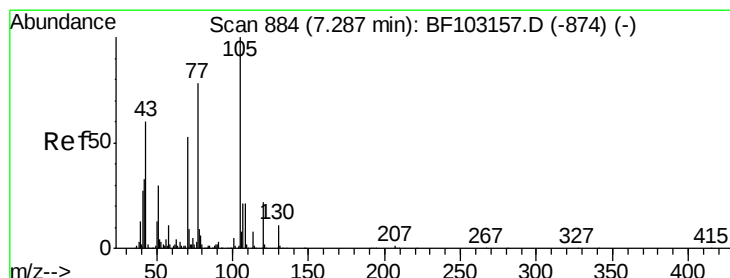
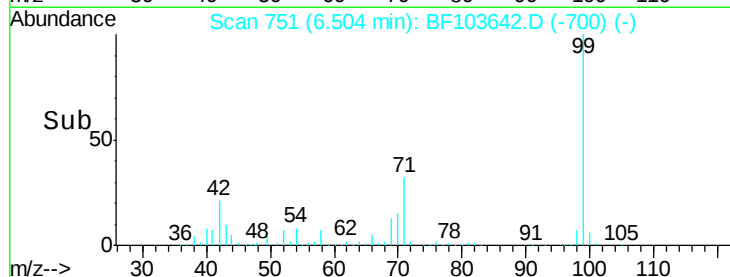
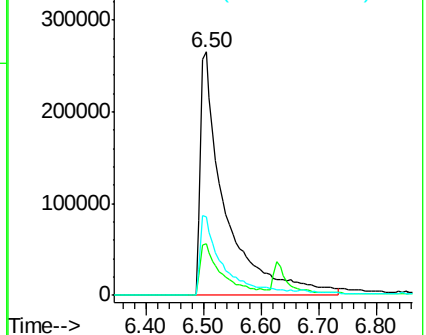
71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.421 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Tgt Ion: 70 Resp: 61194

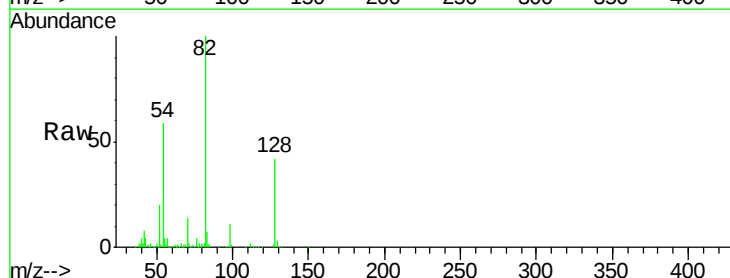
Ion Ratio Lower Upper

70 100

42 58.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

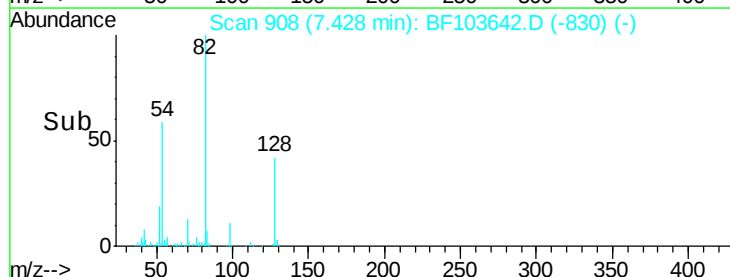
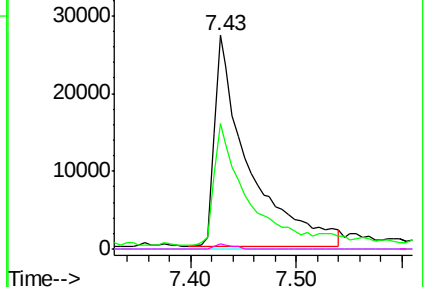


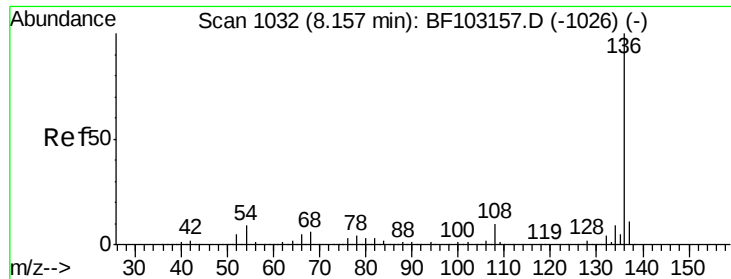
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 479131

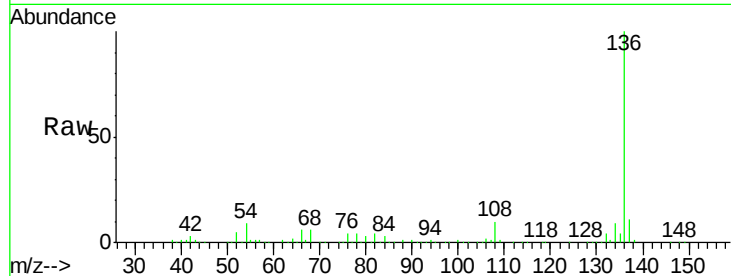
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.1 6.6 9.8

68 6.3 5.0 7.4

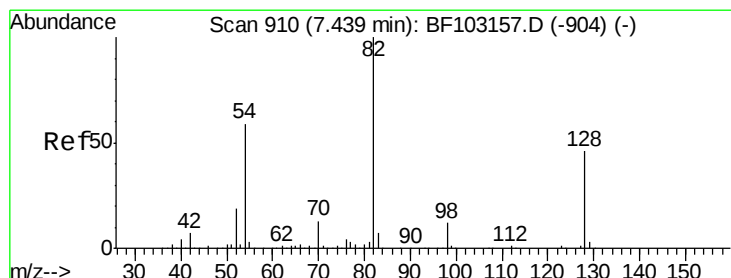
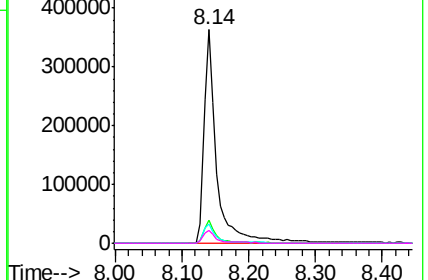
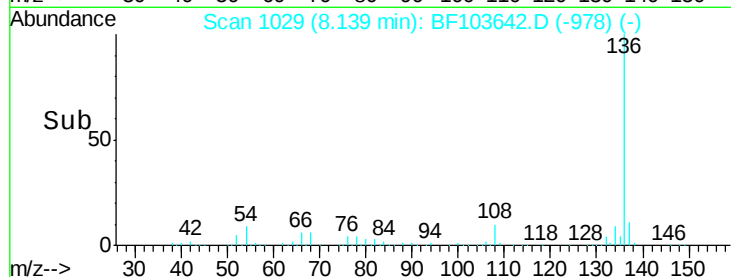


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.227 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

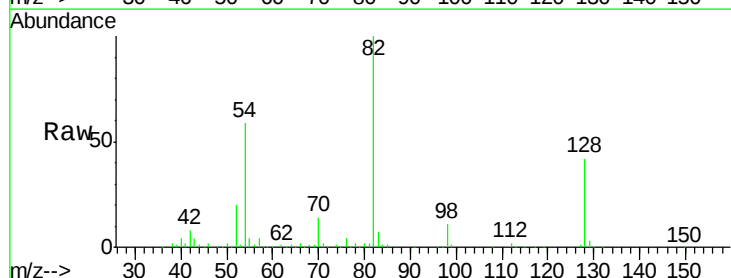
Tgt Ion: 82 Resp: 513682

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

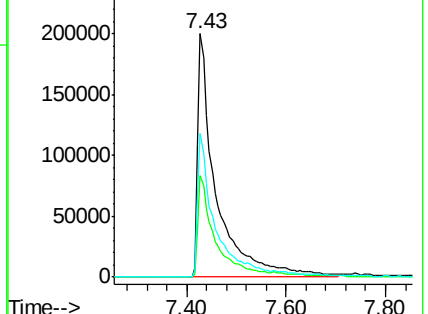
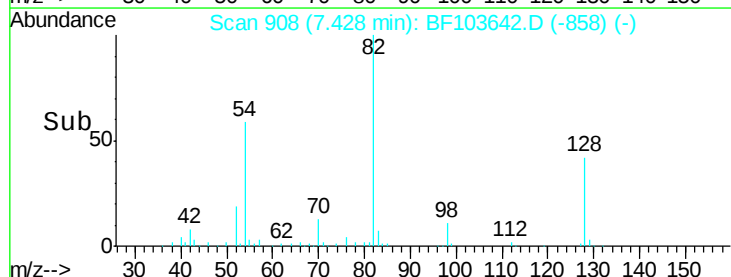
54 59.2 41.4 62.2

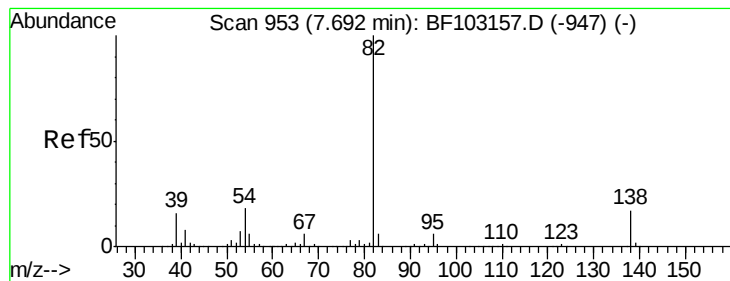


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.087 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

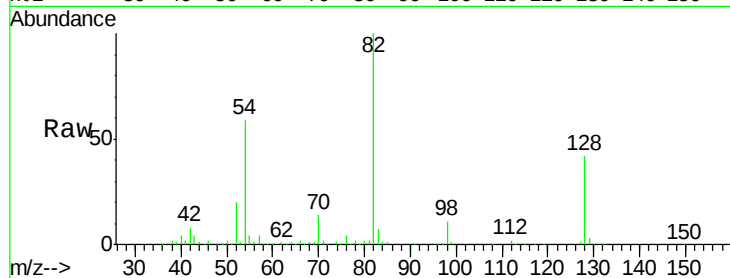
Tot Ion: 82 Resp: 513682

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

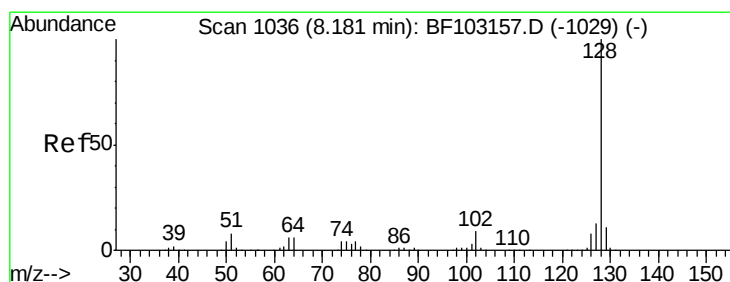
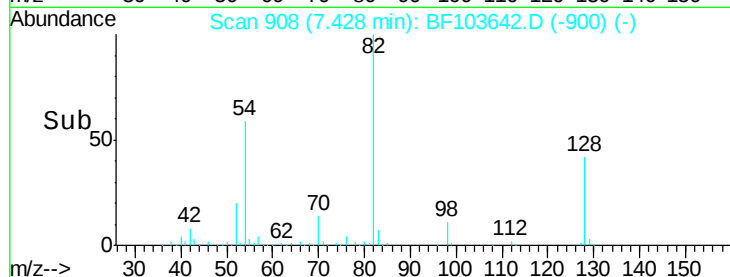
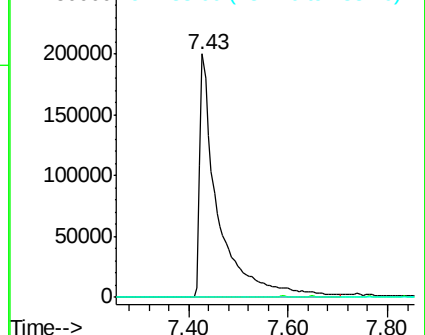
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 24.101 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

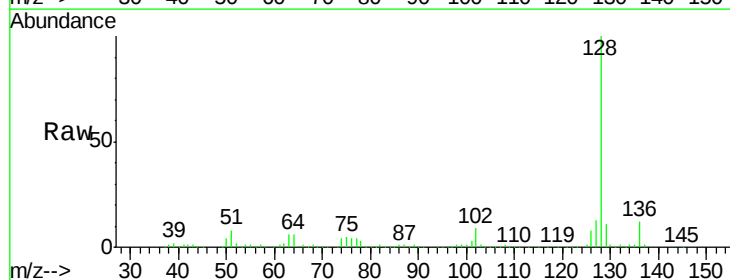
Tgt Ion: 128 Resp: 565349

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

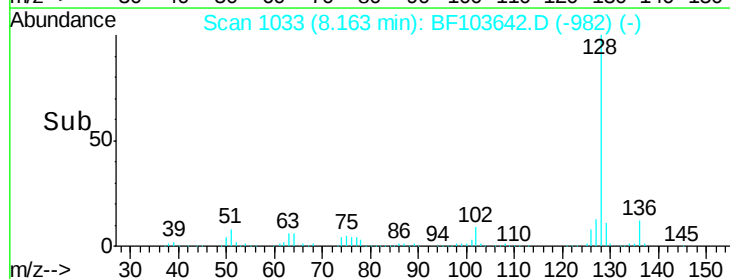
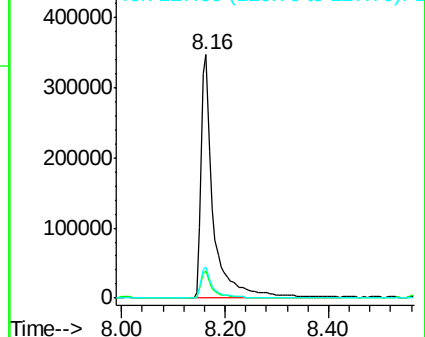
127 12.6 10.9 16.3

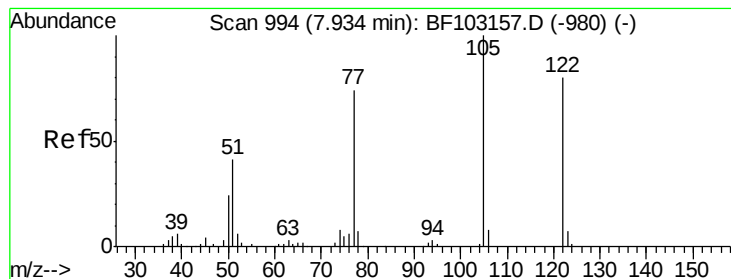


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.123 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.19 min

Lab File: BF103642.D

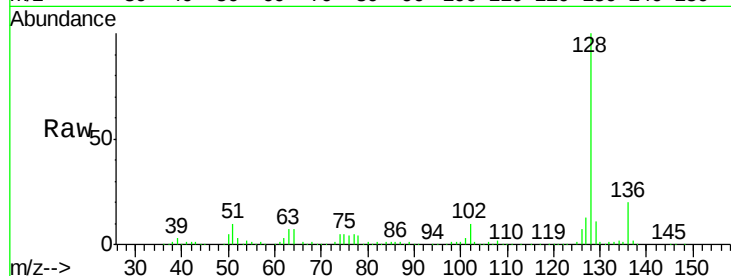
Acq: 14 Mar 2018 15:58

Instrument :

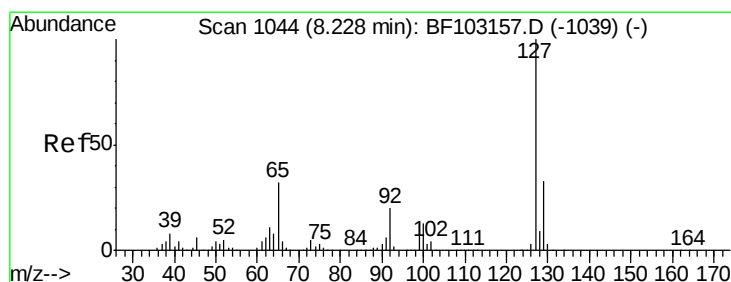
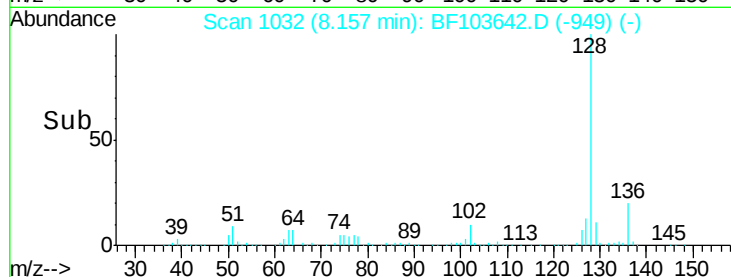
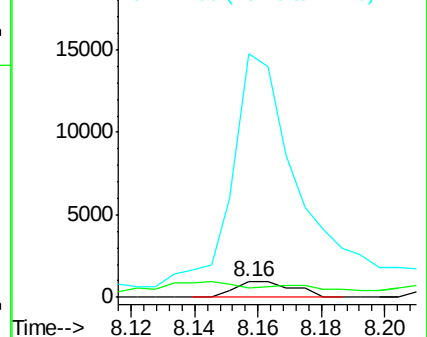
BNA_F

ClientSampleId :

Tot Ion:122 Resp: 1208
 Ion Ratio Lower Upper
 122 100
 105 57.8 101.1 141.1#
 77 1568.7 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 6.887 ng

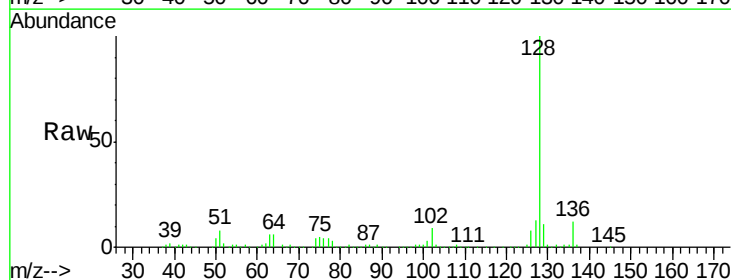
RT: 8.16 min Scan# 1033

Delta R.T. -0.06 min

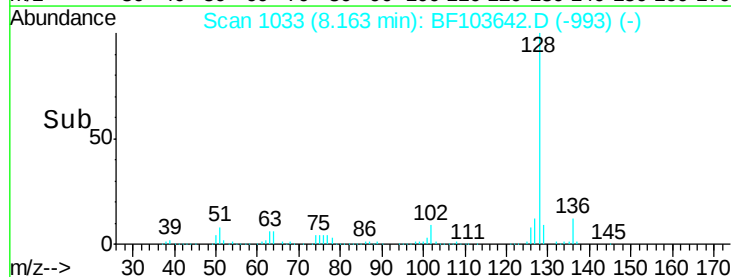
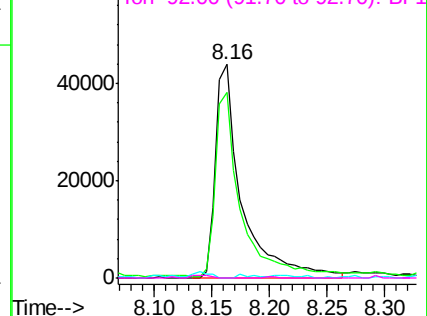
Lab File: BF103642.D

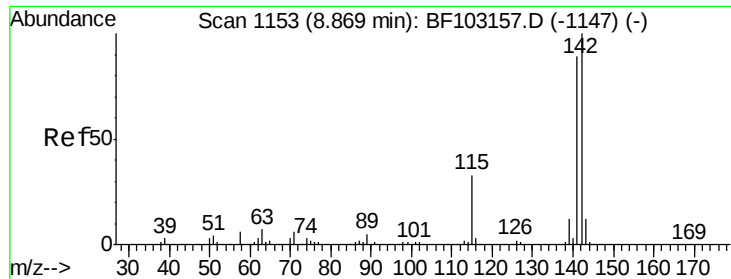
Acq: 14 Mar 2018 15:58

Tgt Ion:127 Resp: 69709
 Ion Ratio Lower Upper
 127 100
 129 87.2 25.9 38.9#
 65 0.0 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

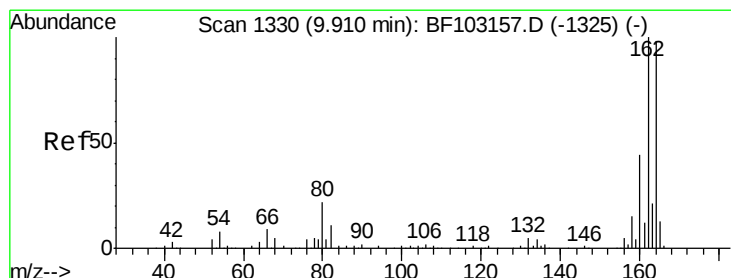
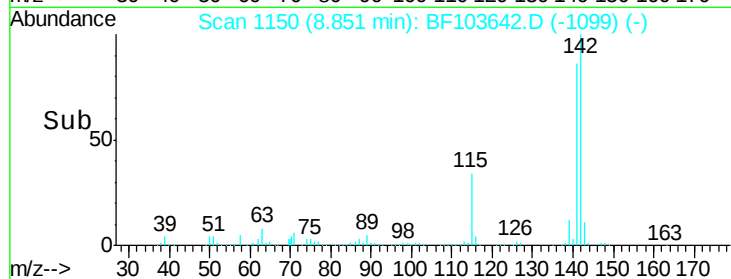
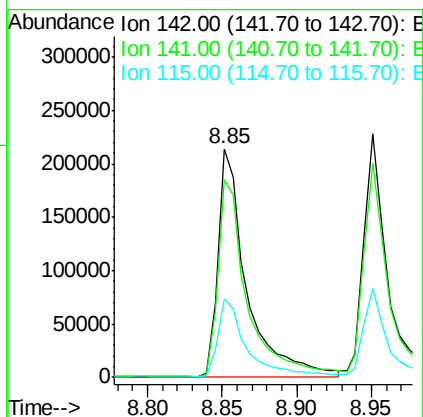
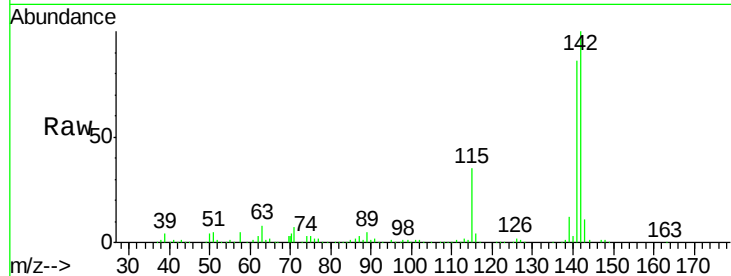




#37
2-Methylnaphthalene
Concen: 19.138 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

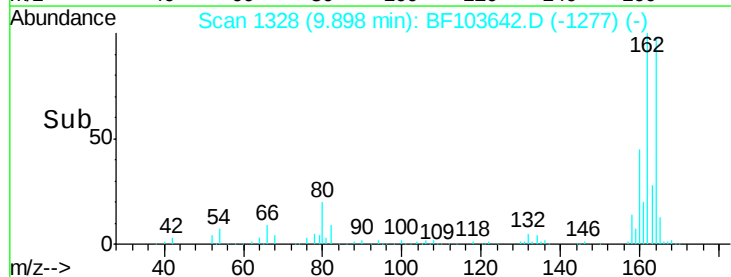
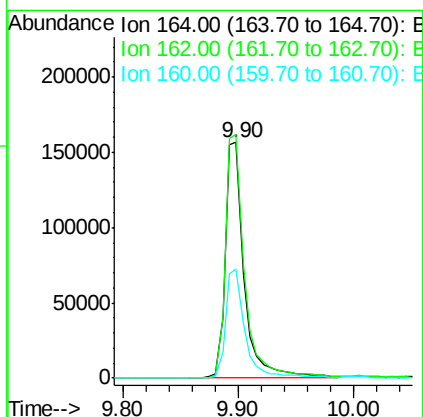
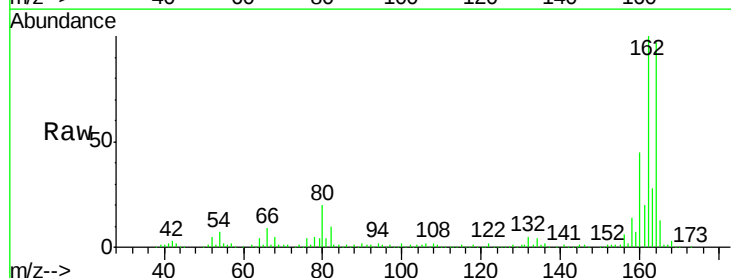
Instrument :
BNA_F
ClientSampleId :

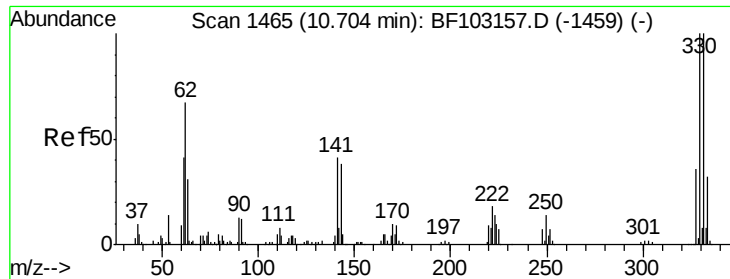
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.8	106.2
115	34.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.4	38.3	57.5

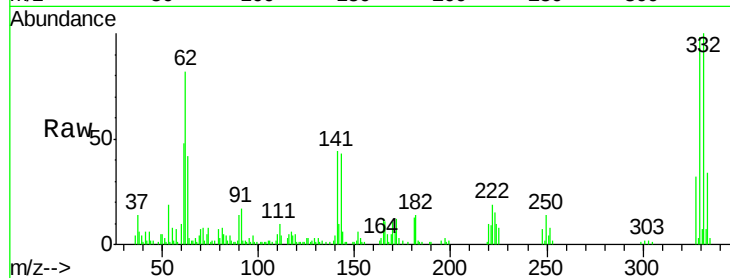




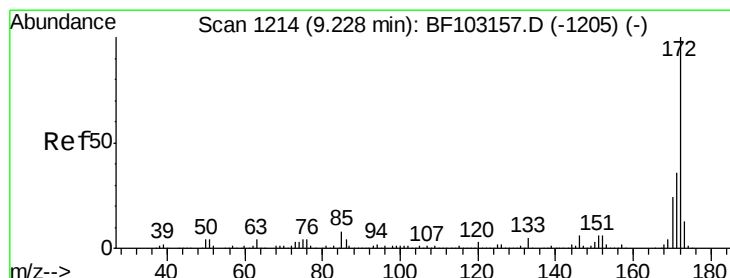
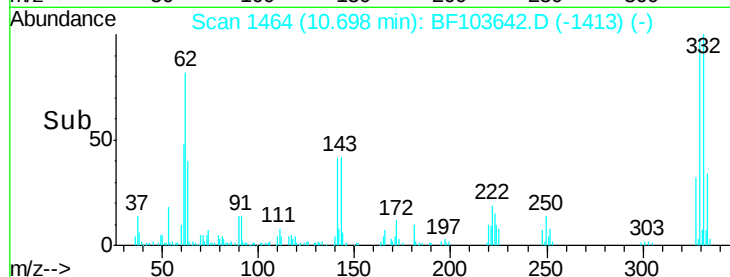
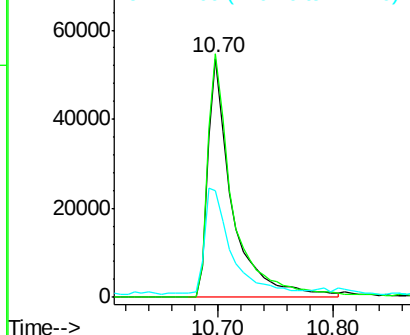
#41
 2,4,6-Tribromophenol
 Concen: 51.225 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103642.D
 Acq: 14 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 78190
 Ion Ratio Lower Upper
 330 100
 332 105.4 77.0 115.6
 141 50.4 29.9 44.9#

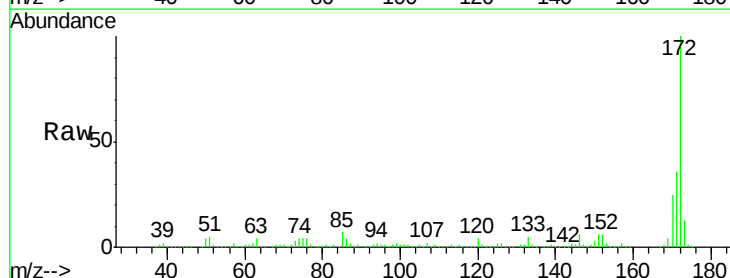


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

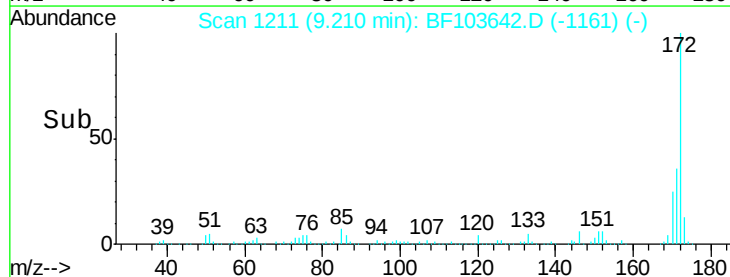
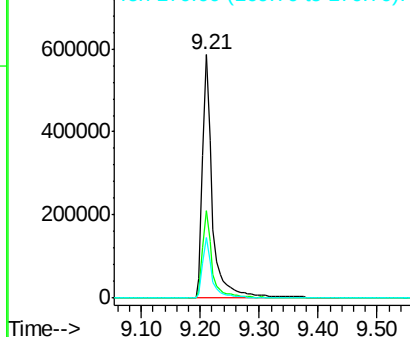


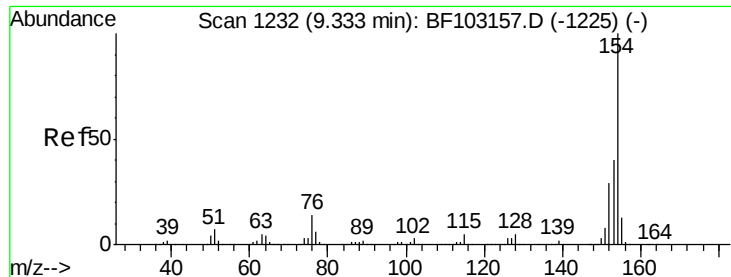
#44
 2-Fluorobiphenyl
 Concen: 60.870 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103642.D
 Acq: 14 Mar 2018 15:58

Tgt Ion:172 Resp: 682875
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.9 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





#45

1,1'-Biphenyl

Concen: 2.835 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

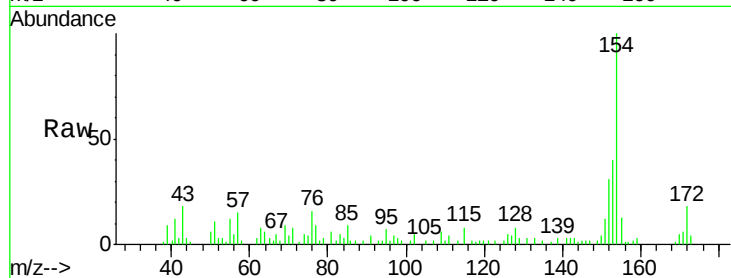
Tot Ion:154 Resp: 42840

Ion Ratio Lower Upper

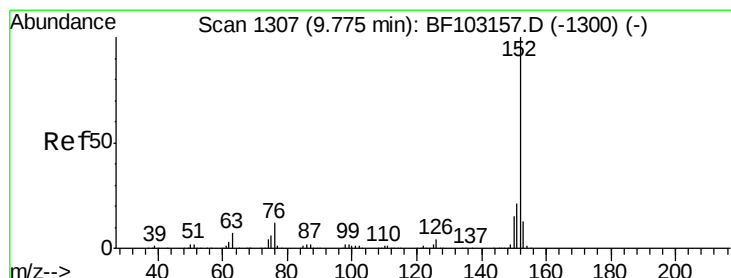
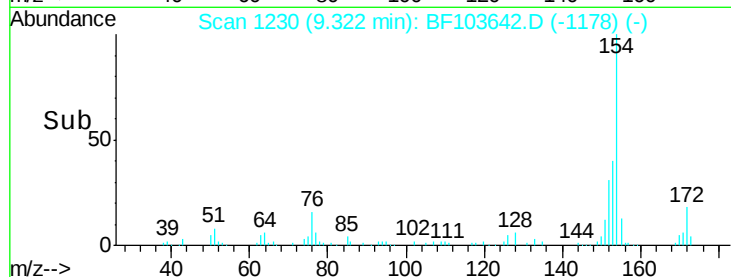
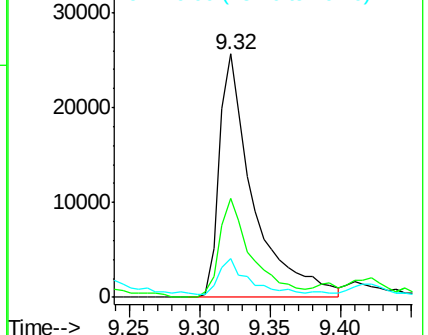
154 100

153 40.4 21.3 61.3

76 15.7 0.0 34.0



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



#48

Acenaphthylene

Concen: 2.827 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

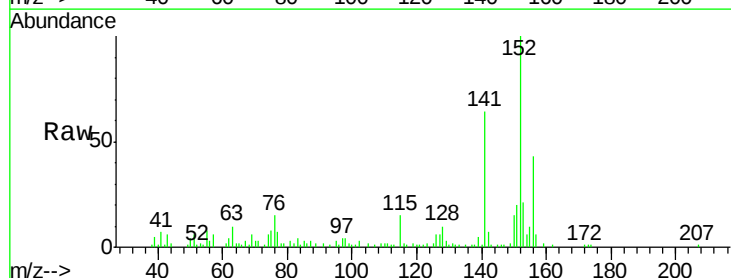
Tgt Ion:152 Resp: 51996

Ion Ratio Lower Upper

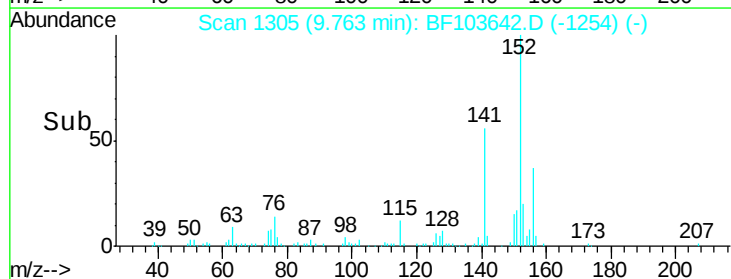
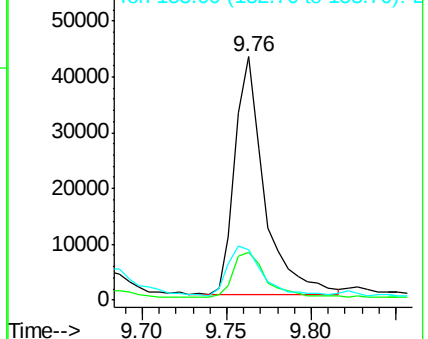
152 100

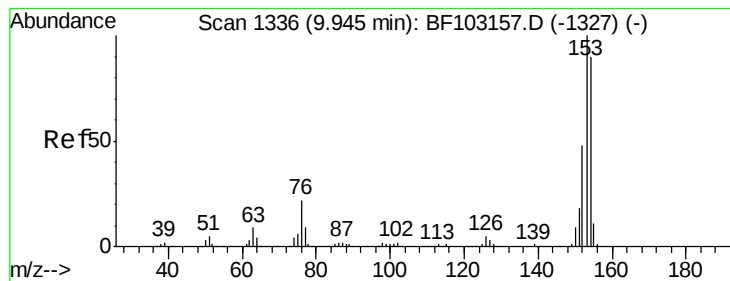
151 19.9 16.3 24.5

153 20.8 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





#51

Acenaphthene

Concen: 2.523 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

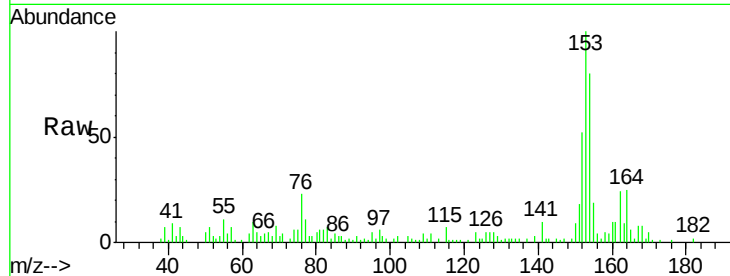
Tot Ion:154 Resp: 27060

Ion Ratio Lower Upper

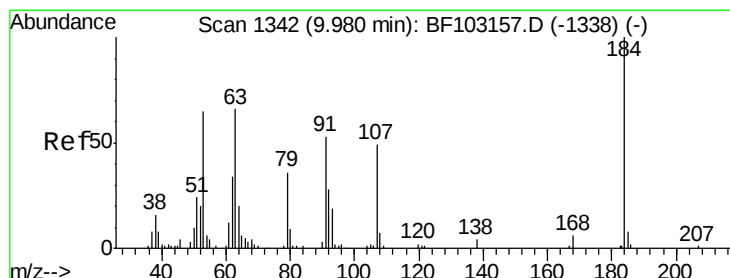
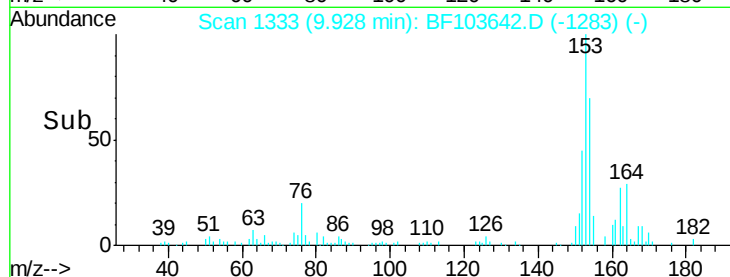
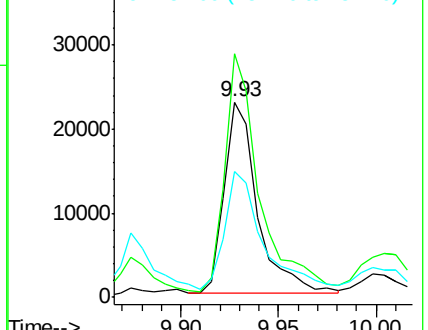
154 100

153 124.6 91.2 136.8

152 64.7 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



#53

2,4-Dinitrophenol

Concen: 9.726 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.22 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

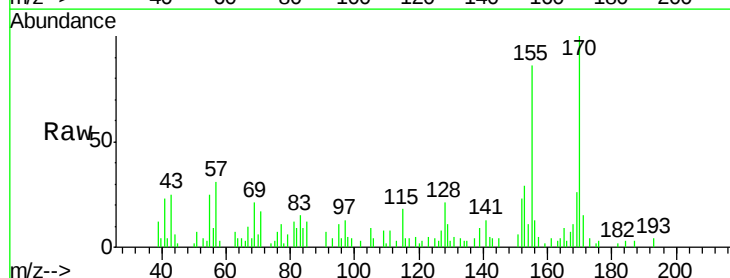
Tgt Ion:184 Resp: 131

Ion Ratio Lower Upper

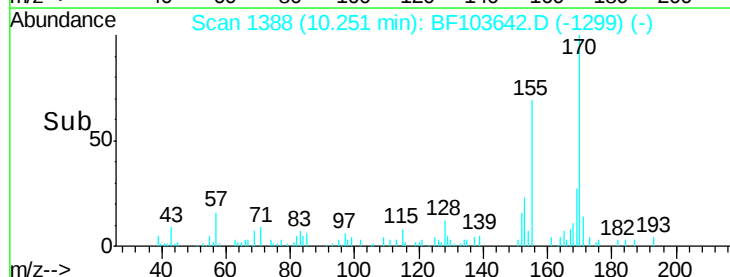
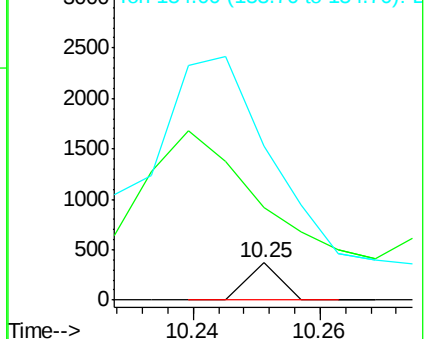
184 100

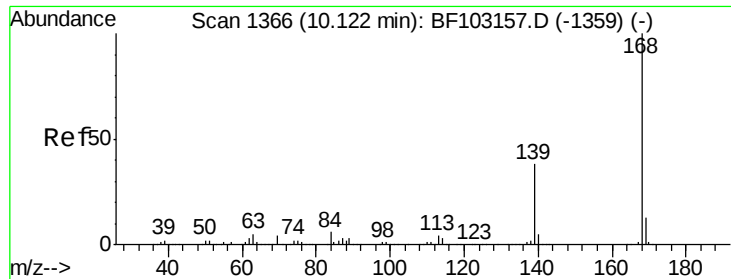
63 248.8 54.2 81.2#

154 412.4 184.0 276.0#



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





#54

Dibenzofuran

Concen: 2.359 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

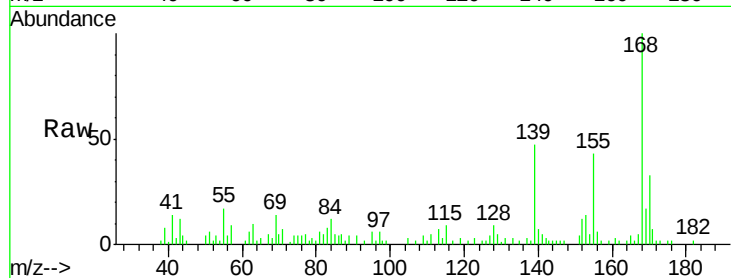
Tot Ion:168 Resp: 34727

Ion Ratio Lower Upper

168 100

139 46.6 30.1 45.1#

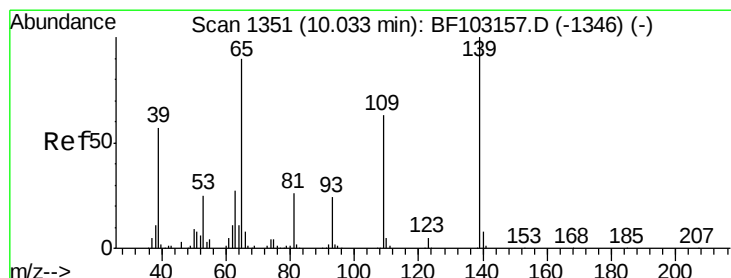
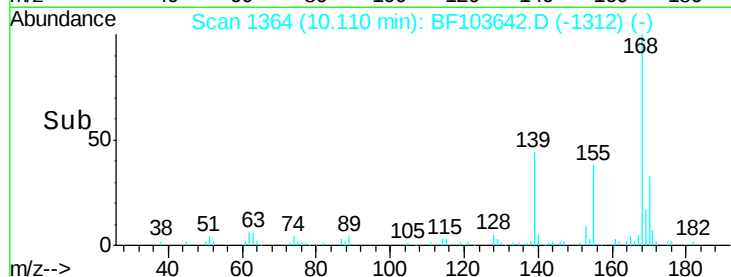
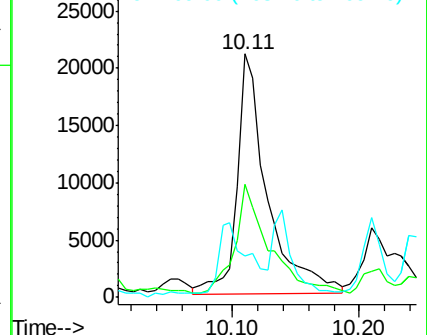
169 17.2 10.9 16.3#



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: 7.382 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.04 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

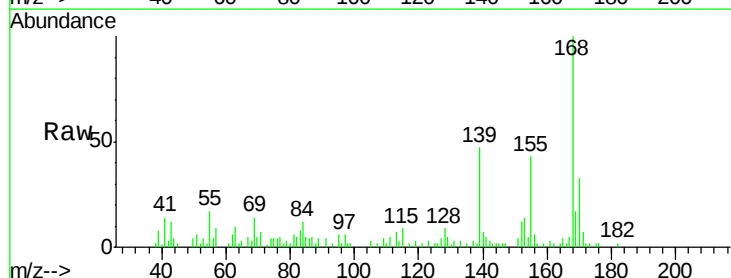
Tgt Ion:139 Resp: 17621

Ion Ratio Lower Upper

139 100

109 8.8 48.4 88.4#

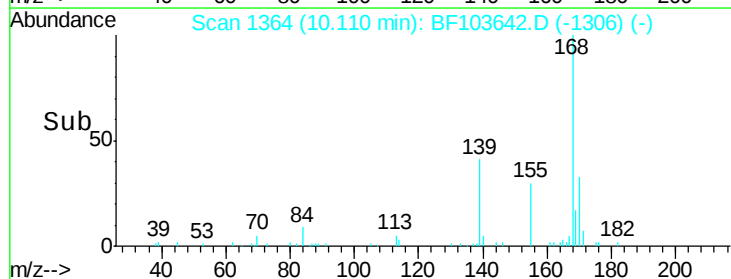
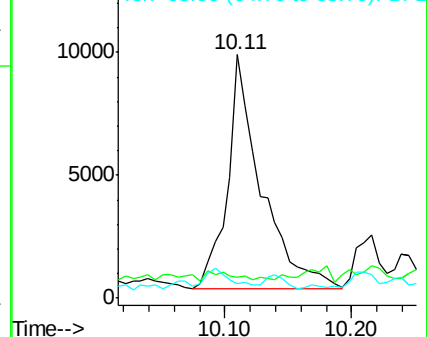
65 6.2 72.6 112.6#

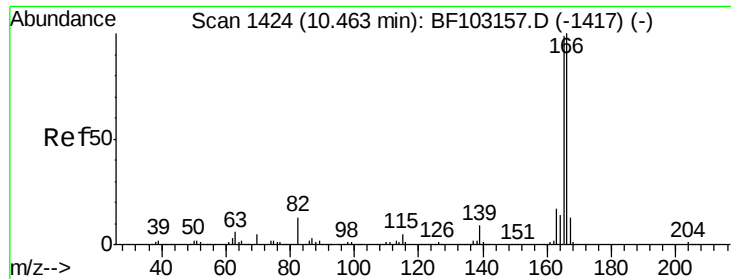


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

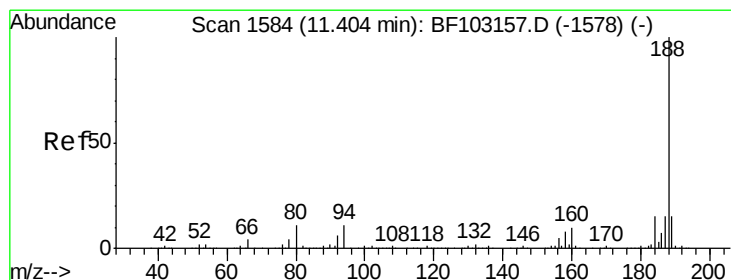
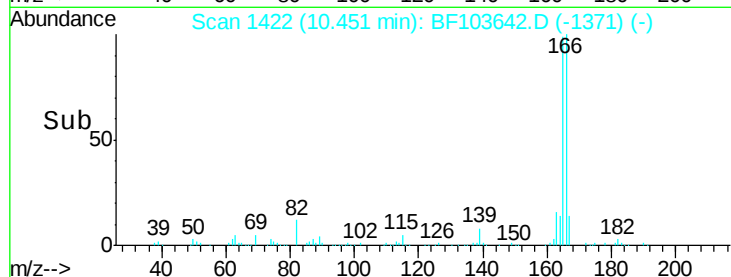
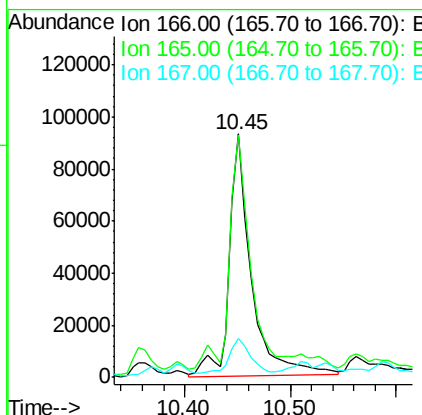
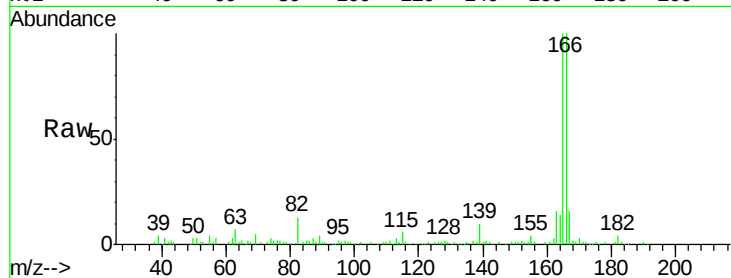




#57
Fluorene
 Concen: 10.640 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF103642.D
 Acq: 14 Mar 2018 15:58

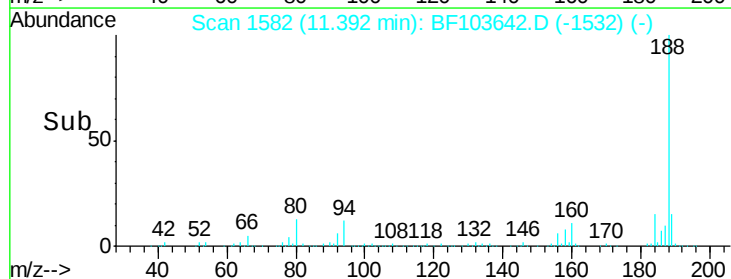
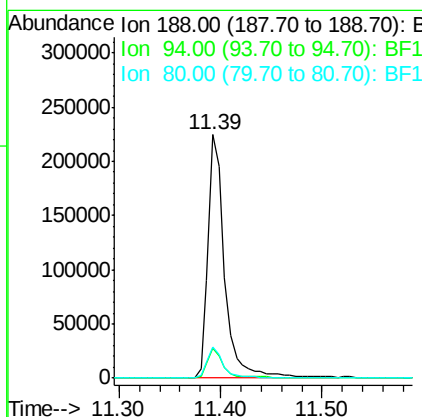
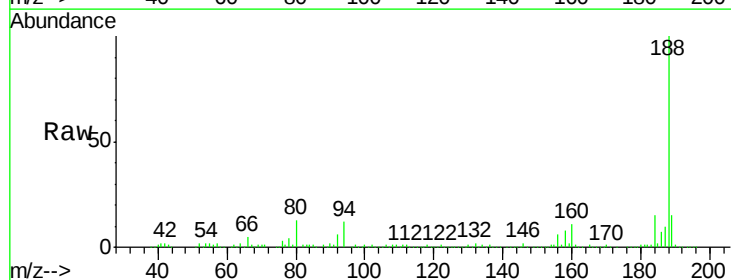
Instrument :
 BNA_F
 ClientSampleId :

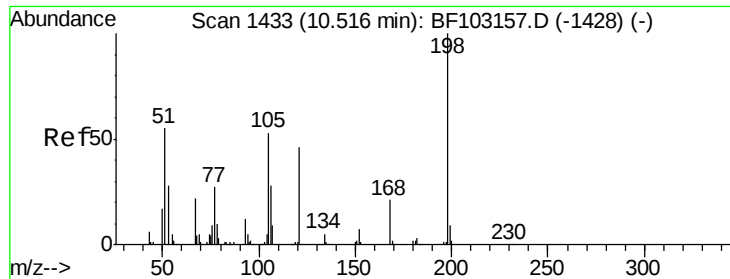
Tot Ion:166 Resp: 133445
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 16.1 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF103642.D
 Acq: 14 Mar 2018 15:58

Tgt Ion:188 Resp: 258565
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.5 12.7
 80 12.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.006 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

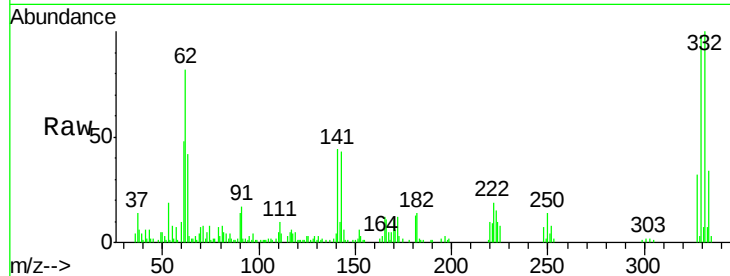
Tot Ion:198 Resp: 106

Ion Ratio Lower Upper

198 100

51 468.1 37.7 77.7#

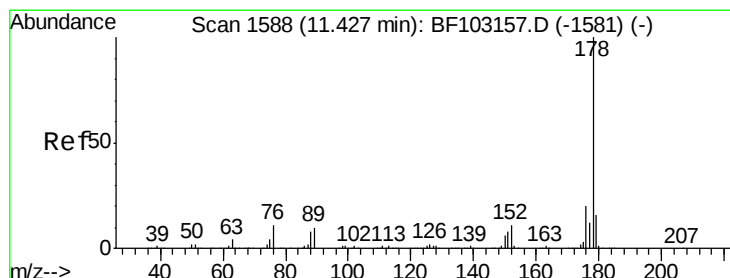
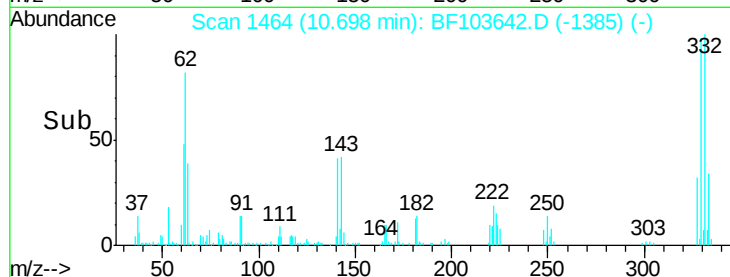
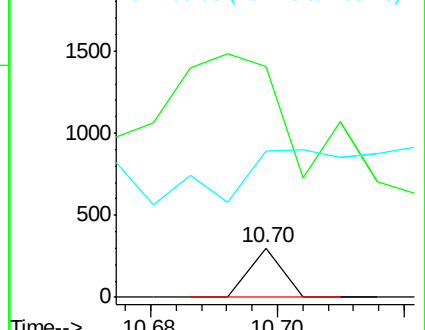
105 295.3 36.3 76.3#



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



#70

Phenanthrene

Concen: 34.629 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

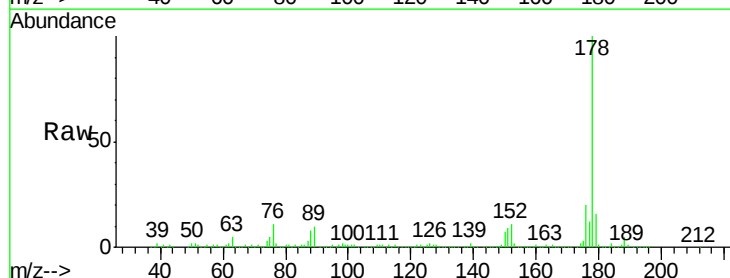
Tgt Ion:178 Resp: 492760

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

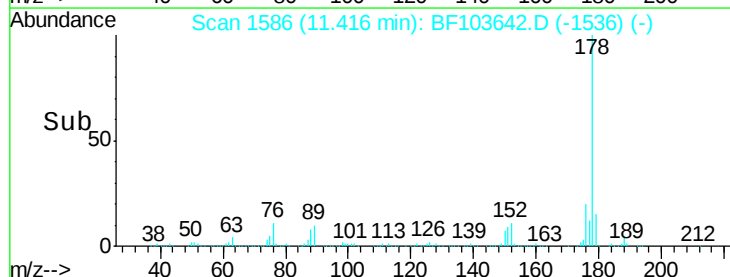
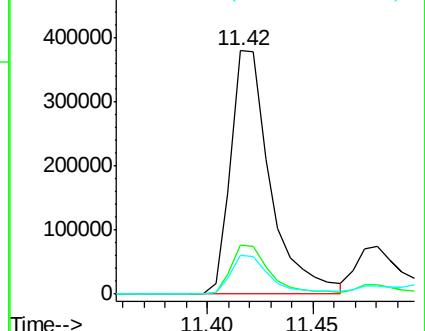
179 16.0 13.0 19.6

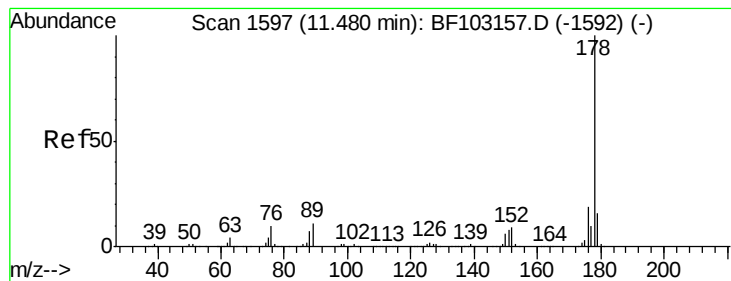


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 8.945 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

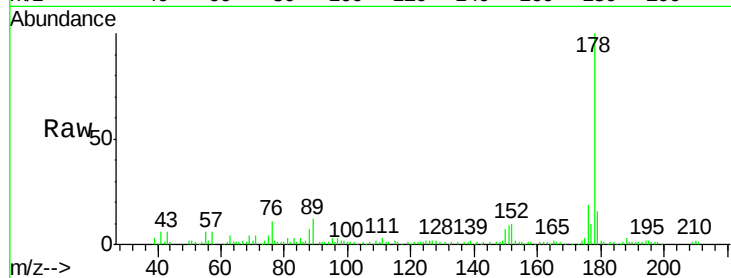
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 130527

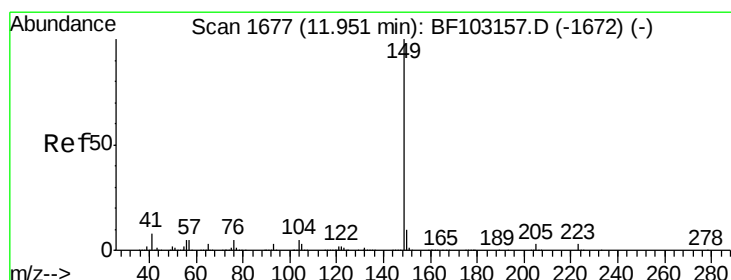
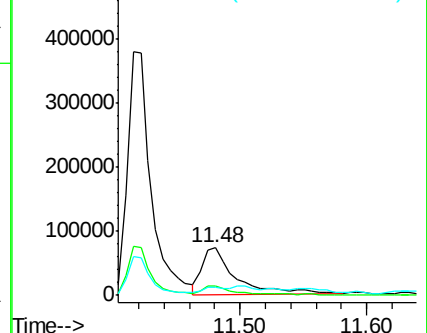
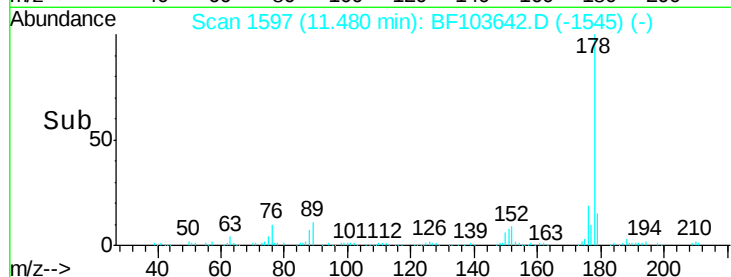
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.4	12.6	19.0



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



#73

Di-n-butylphthalate

Concen: 3.872 ng

RT: 11.93 min Scan# 1674

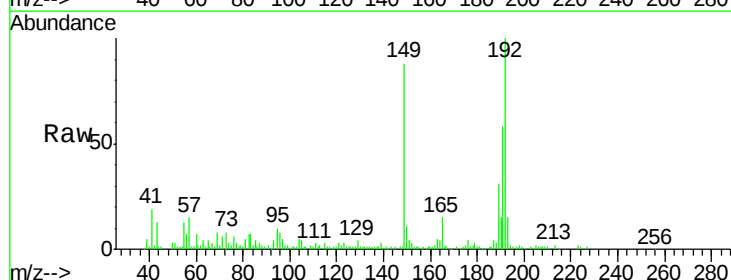
Delta R.T. -0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Tgt Ion:149 Resp: 70404

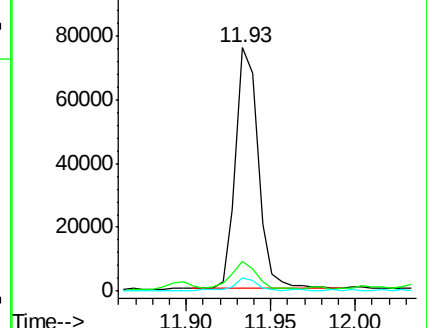
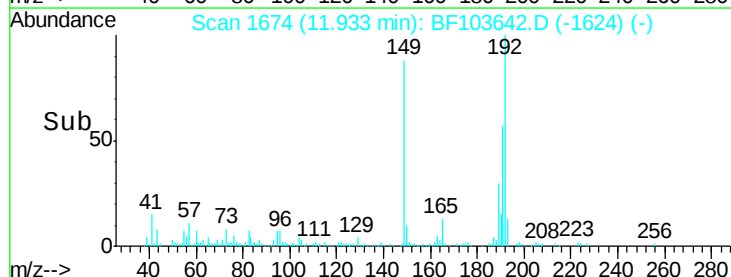
Ion	Ratio	Lower	Upper
149	100		
150	12.2	7.8	11.6#
104	5.5	3.8	5.8

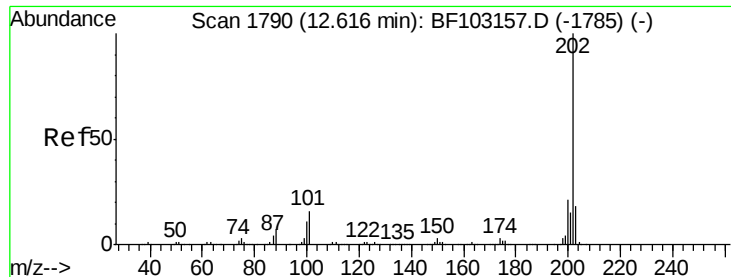


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 15.587 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

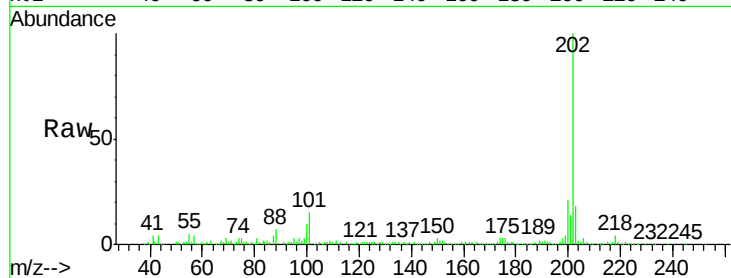
Tot Ion:202 Resp: 222877

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

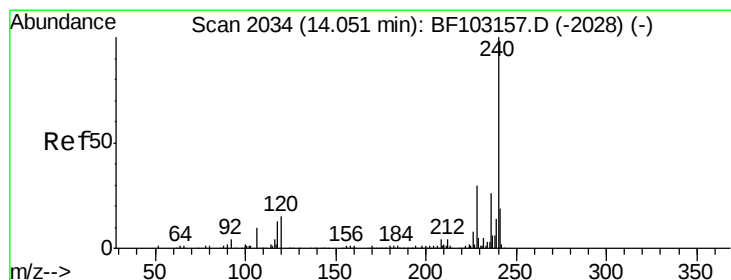
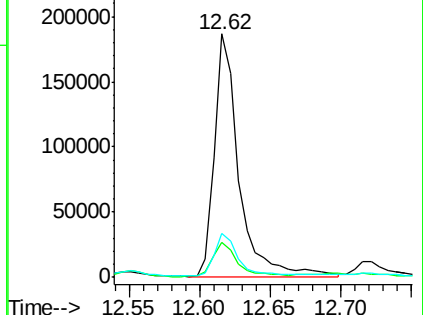
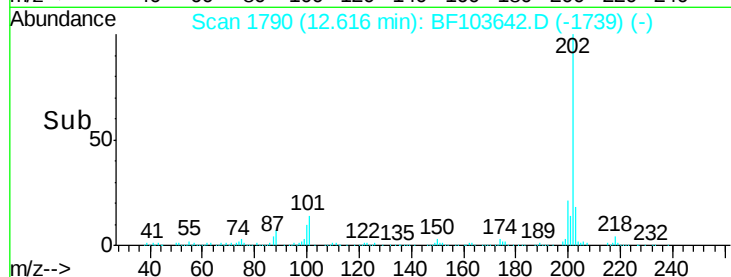
203 18.0 0.0 38.1



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: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

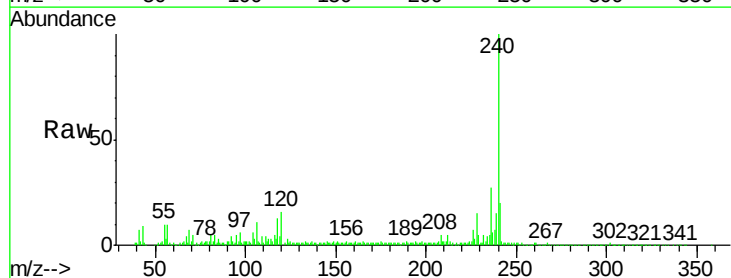
Tgt Ion:240 Resp: 206457

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

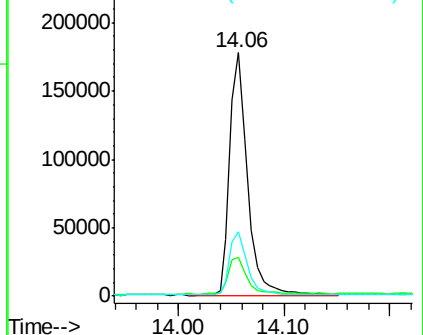
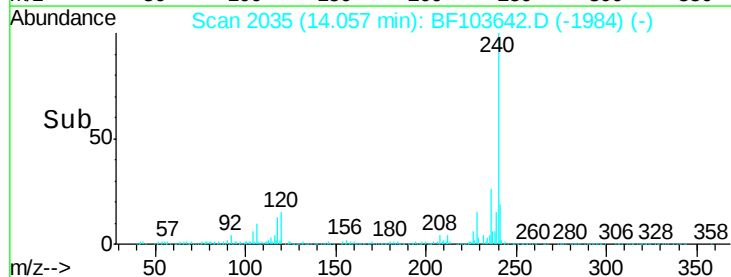
236 26.5 20.7 31.1

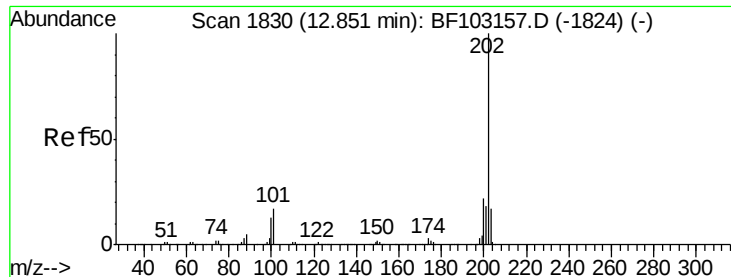


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 16.723 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

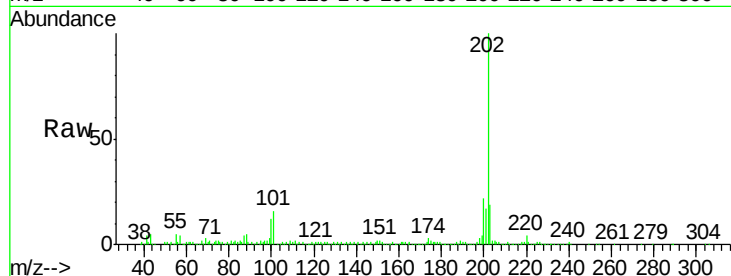
Tot Ion:202 Resp: 269188

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

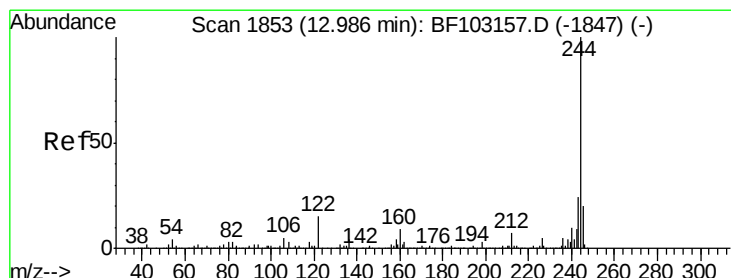
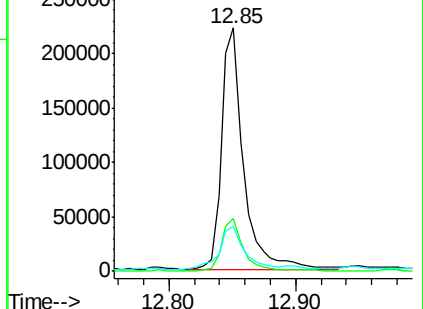
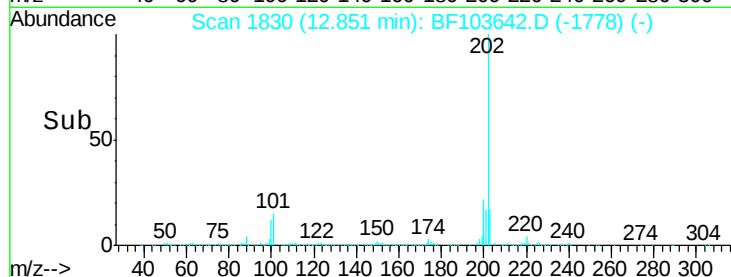
203 18.7 14.3 21.5



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: 49.992 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

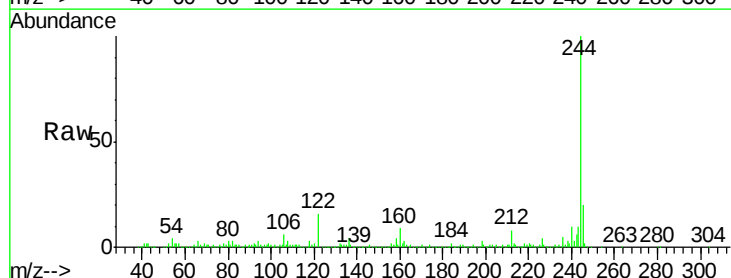
Tgt Ion:244 Resp: 429360

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

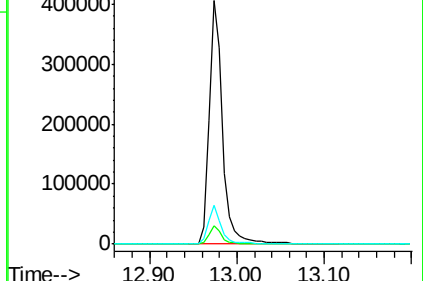
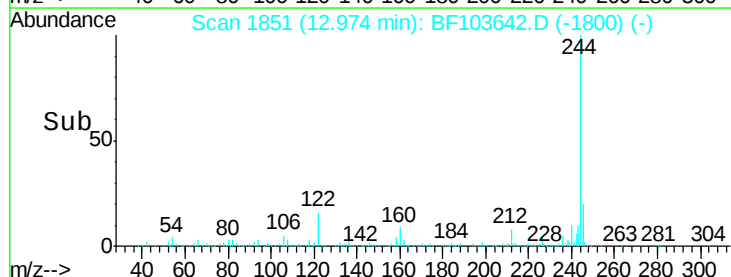
122 15.7 11.0 16.4

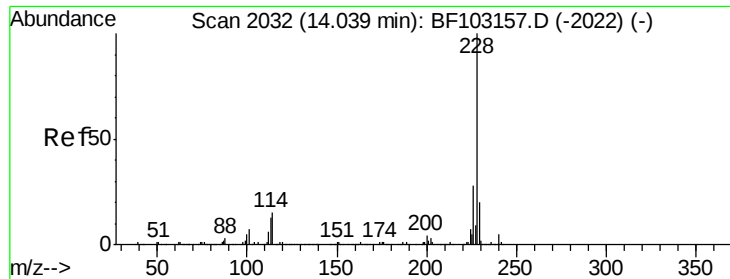


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

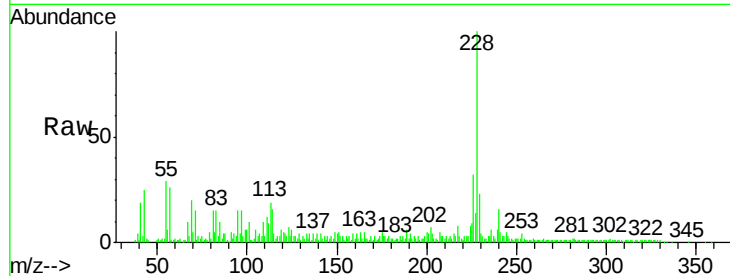




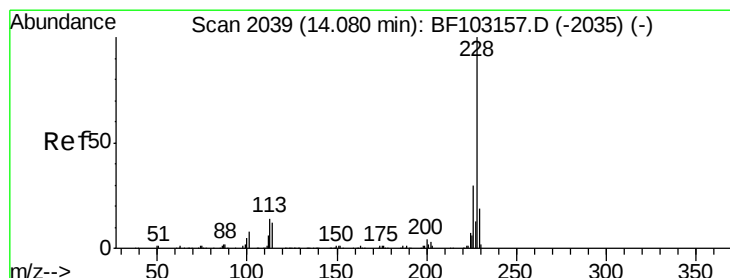
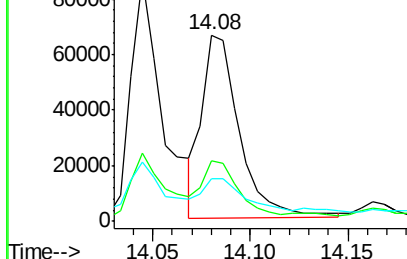
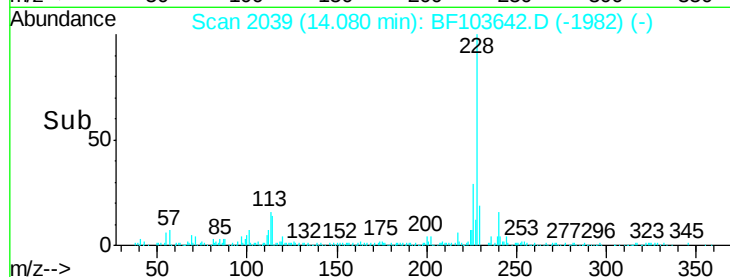
#80
Benzo(a)anthracene
Concen: 6.576 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.04 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 88088
Ion Ratio Lower Upper
228 100
226 32.1 22.6 33.8
229 22.7 15.8 23.6

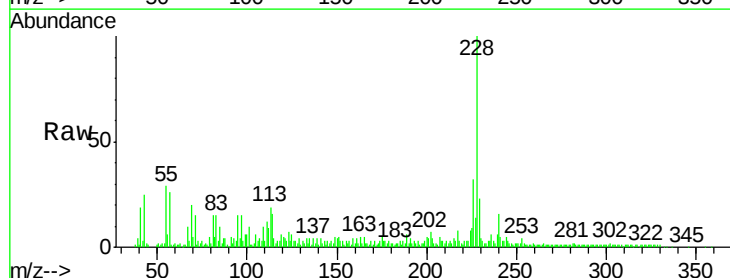


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

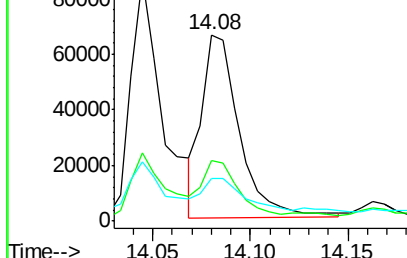
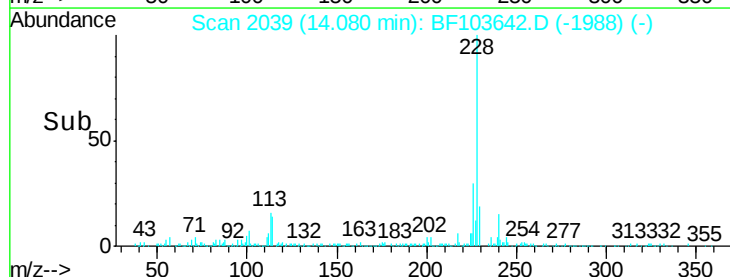


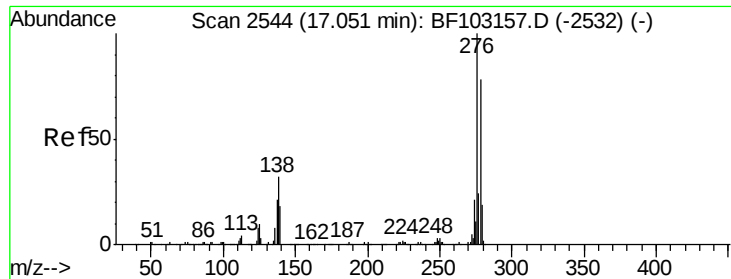
#82
Chrysene
Concen: 6.772 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Tgt Ion:228 Resp: 88088
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.6
229 22.7 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





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.232 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.03 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

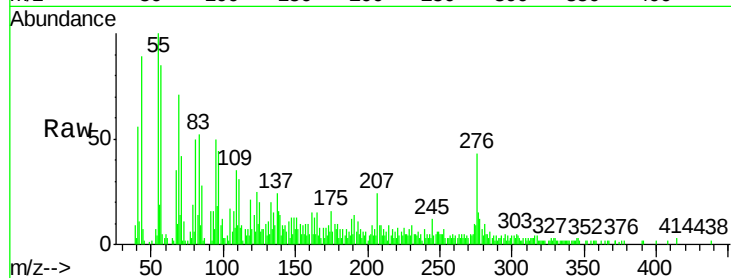
Tot Ion:276 Resp: 22980

Ion Ratio Lower Upper

276 100

138 31.1 25.0 37.6

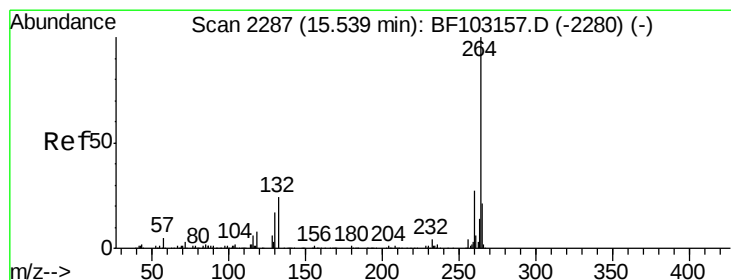
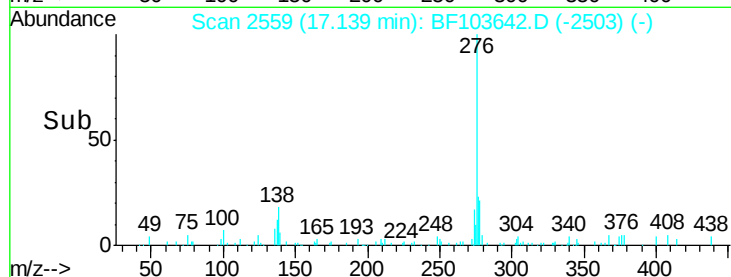
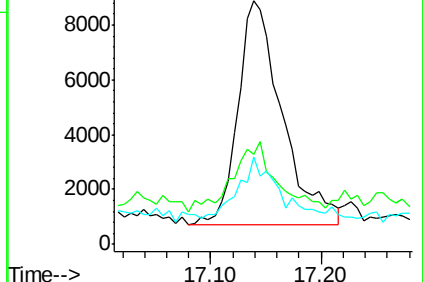
277 24.3 20.1 30.1



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

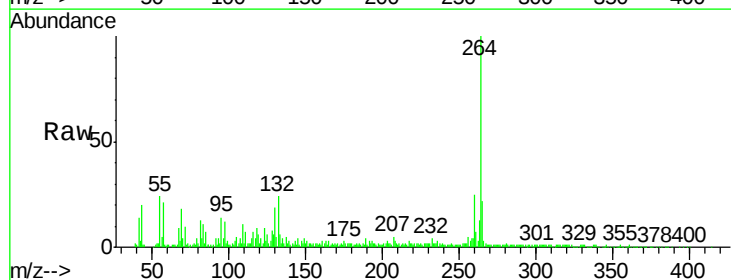
Tgt Ion:264 Resp: 179657

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

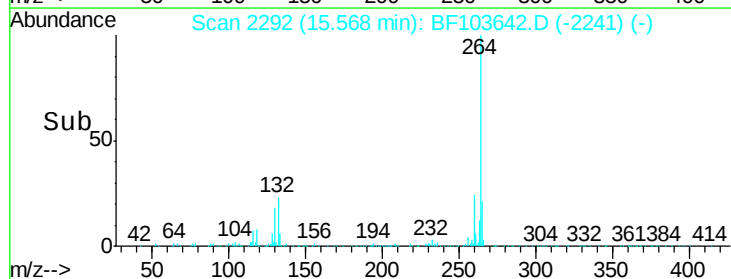
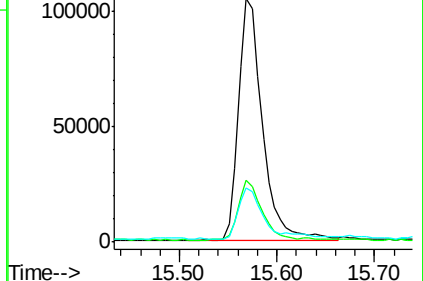
265 22.4 17.5 26.3

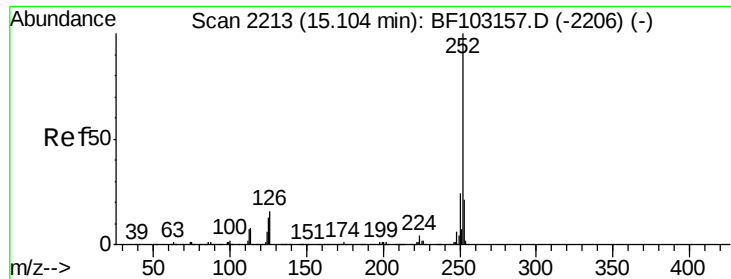


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 7.588 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

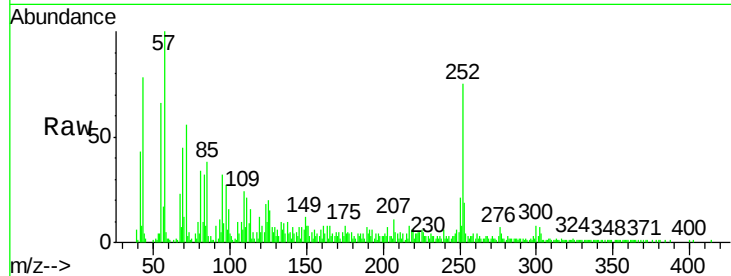
Tot Ion:252 Resp: 89635

Ion Ratio Lower Upper

252 100

253 25.8 17.0 25.6#

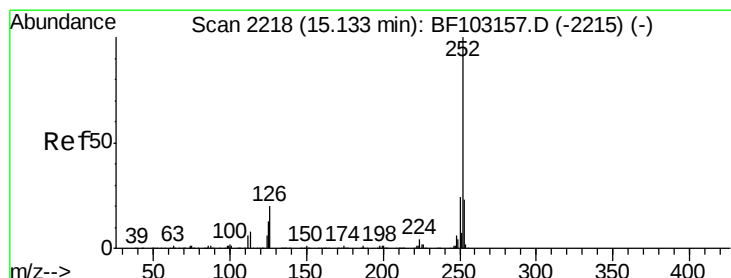
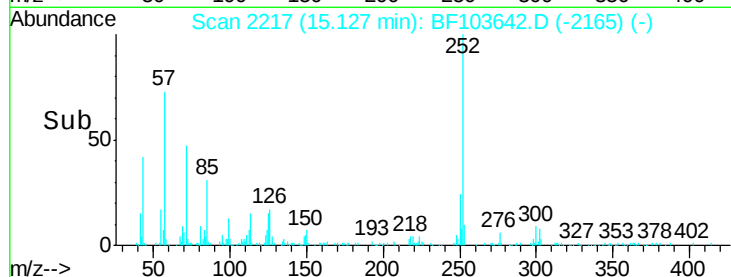
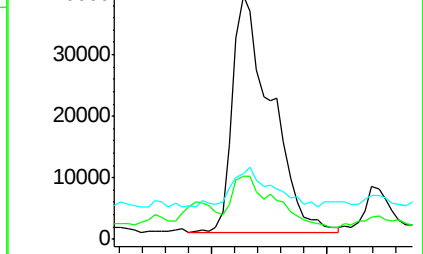
125 27.1 9.0 13.6#



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: 8.058 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BF103642.D

Acq: 14 Mar 2018 15:58

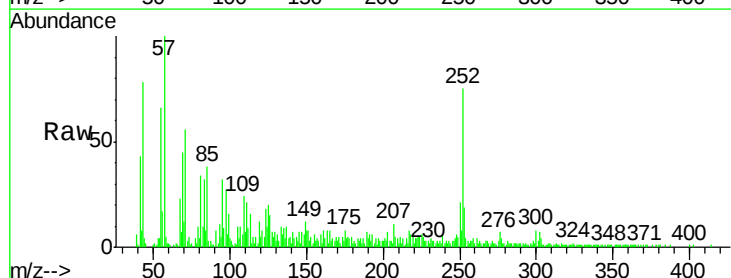
Tgt Ion:252 Resp: 89635

Ion Ratio Lower Upper

252 100

253 25.8 17.9 26.9

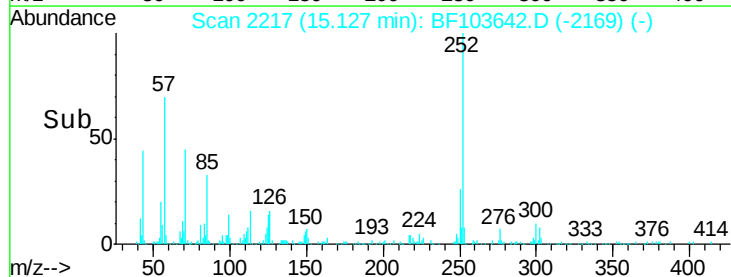
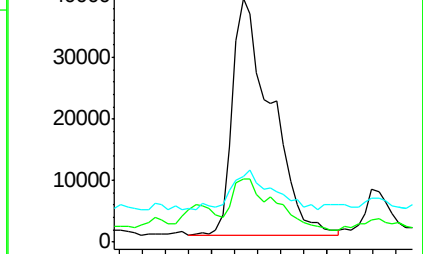
125 27.1 10.2 15.2#

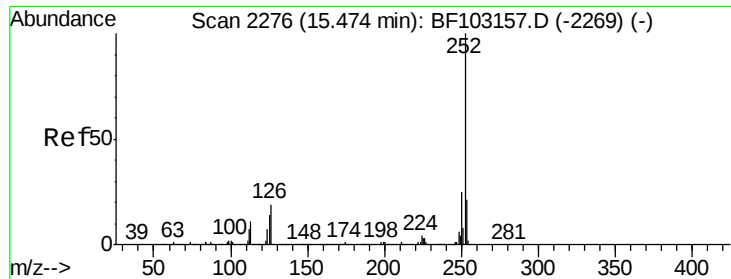


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

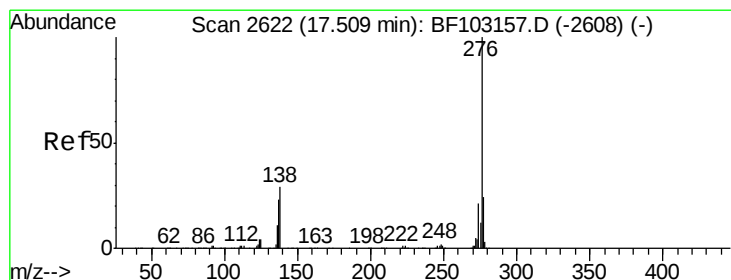
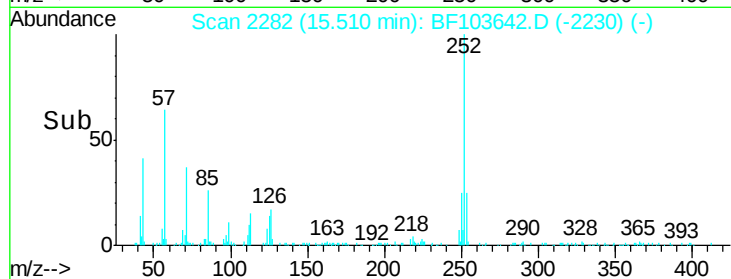
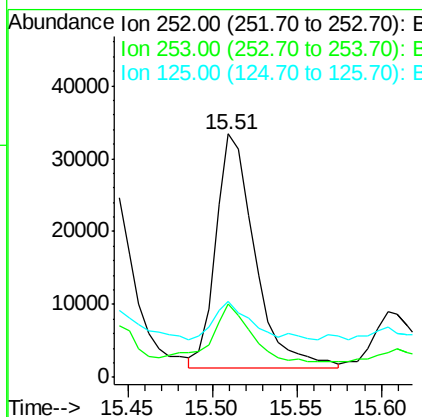
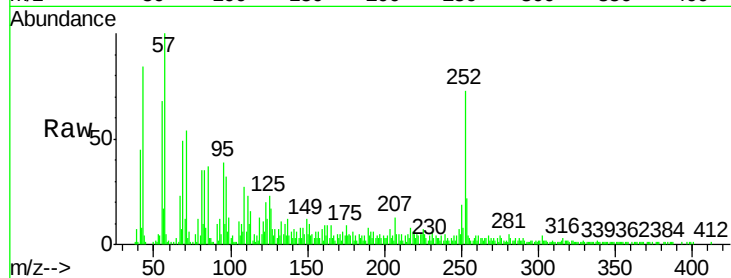




#89
Benzo(a)pyrene
Concen: 4.920 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.1	25.7#
125	31.2	9.8	14.6#



#91
Benzo(g,h,i)perylene
Concen: 2.607 ng
RT: 17.62 min Scan# 2640
Delta R.T. 0.03 min
Lab File: BF103642.D
Acq: 14 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.4	17.9	26.9#
138	45.3	21.8	32.8#

