

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103268.D
 Acq On : 27 Feb 2018 17:35
 Operator : SJ/JU
 Sample : J1697-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 23:59:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

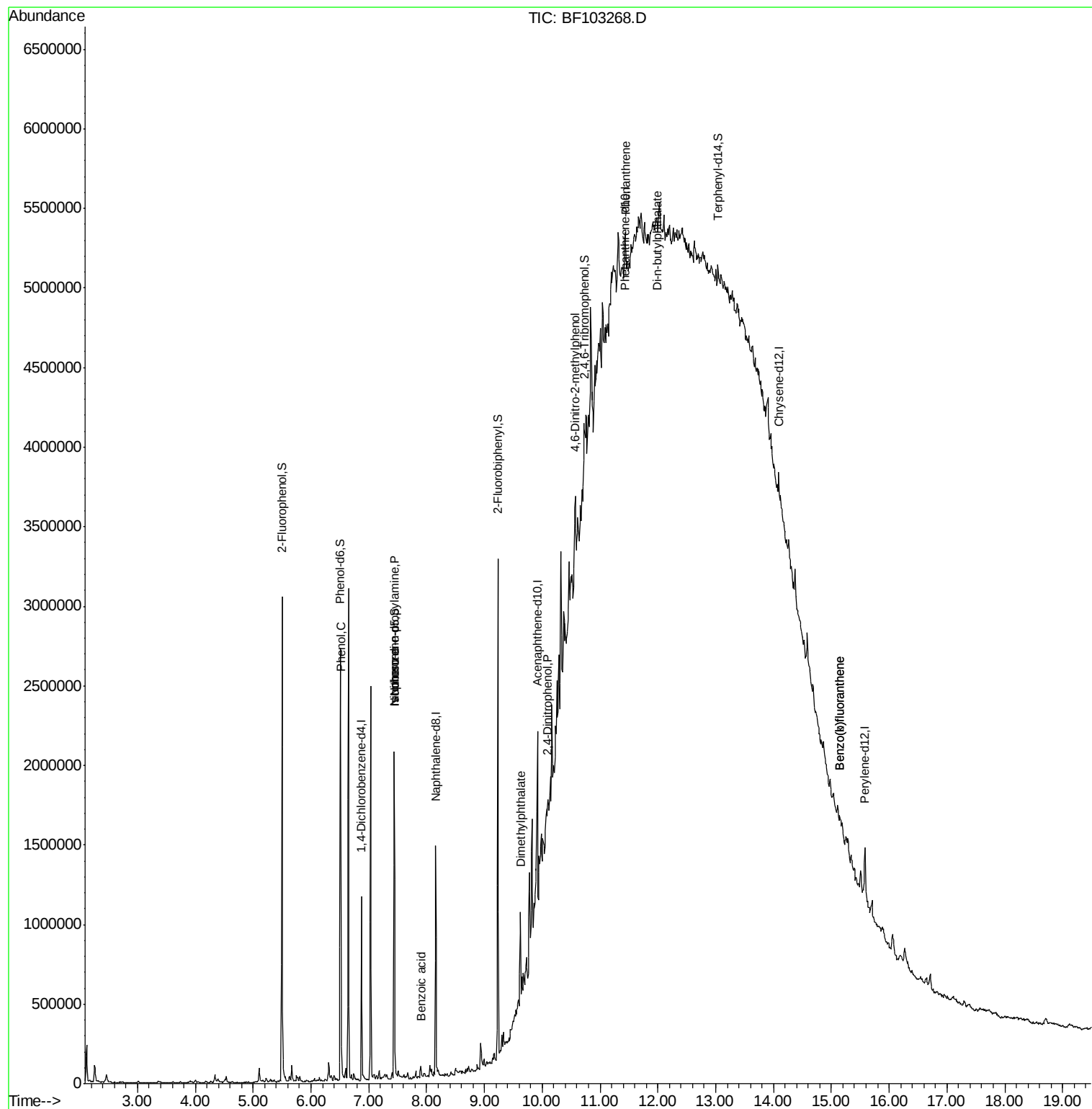
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149387	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	616257	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	227637	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	145069	20.00	ng	0.02
75) Chrysene-d12	14.10	240	145308	20.00	ng	0.04
86) Perylene-d12	15.59	264	178317	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	900673	91.19	ng	0.00
7) Phenol-d6	6.51	99	1063708	88.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	648106	60.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	127986	66.42	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1007177	73.86	ng	0.00
78) Terphenyl-d14	13.03	244	276324	45.71	ng	0.04
Target Compounds						
9) Benzaldehyde	6.43	77	3017	Below Cal		Qvalue 93
10) Phenol	6.52	94	33624	2.40	ng	85
19) n-Nitroso-di-n-propylamine	7.44	70	86862	11.55	ng	# 78
25) Isophorone	7.44	82	649549	30.56	ng	# 64
32) Benzoic acid	7.90	122	2040	7.19	ng	85
49) Dimethylphthalate	9.62	163	87779	4.81	ng	# 96
53) 2,4-Dinitrophenol	10.10	184	676	10.05	ng	# 68
64) 4,6-Dinitro-2-methylphenol	10.56	198	910	5.87	ng	# 1
70) Phenanthrene	11.45	178	16381	2.05	ng	# 1
73) Di-n-butylphthalate	11.98	149	25467	2.50	ng	# 34
87) Benzo(b)fluoranthene	15.14	252	27411	2.34	ng	# 3
88) Benzo(k)fluoranthene	15.14	252	27411	2.48	ng	# 6

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103268.D
Acq On : 27 Feb 2018 17:35
Operator : SJ/JU
Sample : J1697-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Feb 27 23:59:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

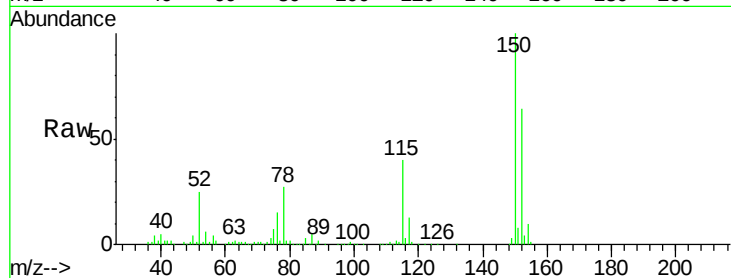
Tot Ion:152 Resp: 149387

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

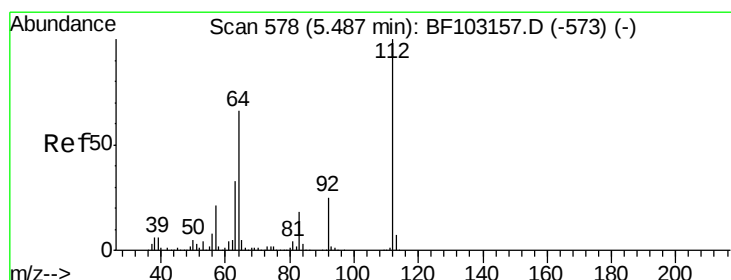
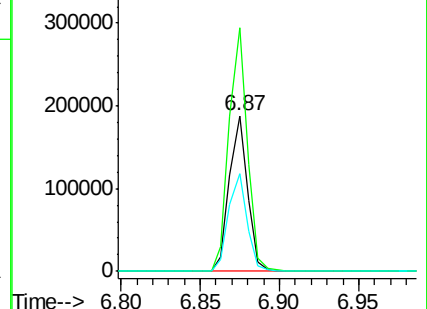
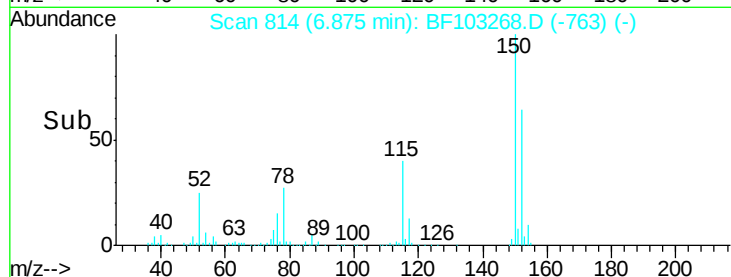
115 62.6 50.1 75.1



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: 91.19 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

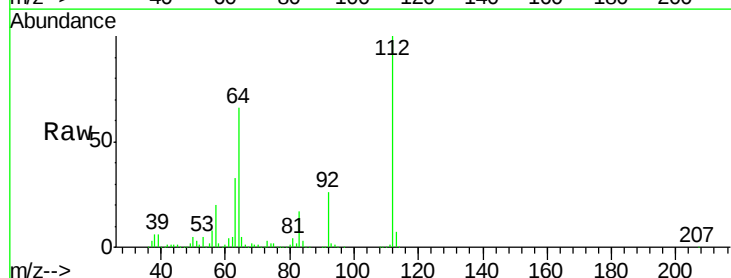
Tgt Ion:112 Resp: 900673

Ion Ratio Lower Upper

112 100

64 65.6 47.9 71.9

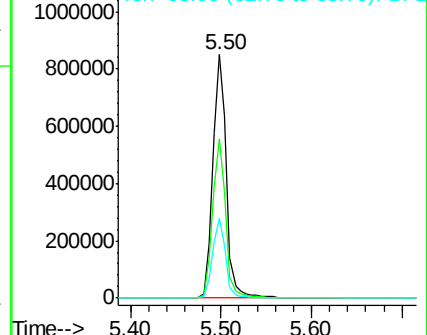
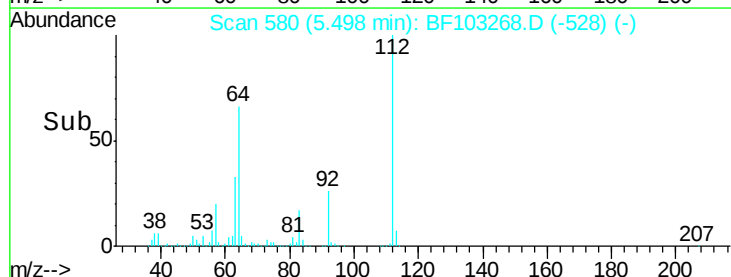
63 33.0 23.7 35.5

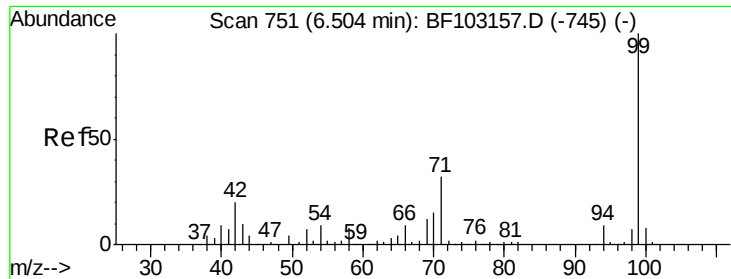


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.01 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

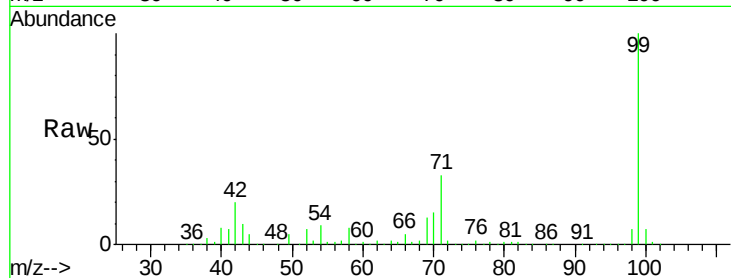
Tot Ion: 99 Resp: 1063708

Ion Ratio Lower Upper

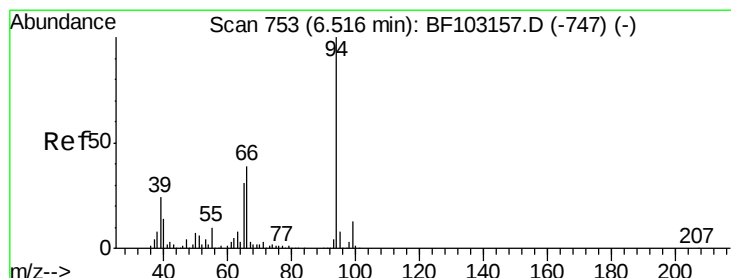
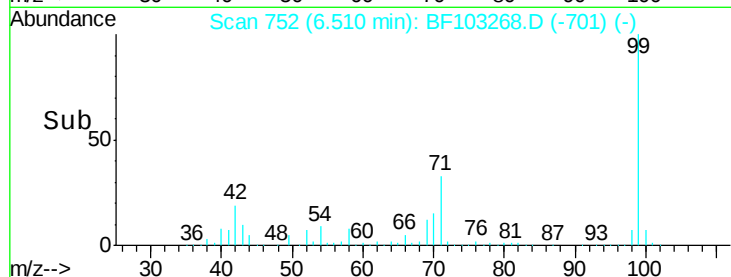
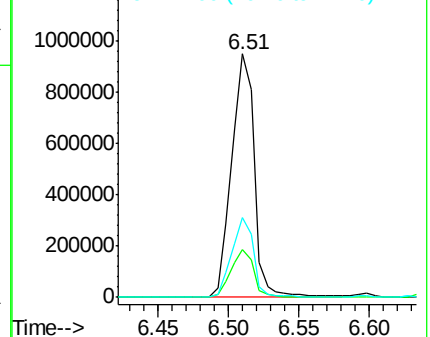
99 100

42 19.6 14.5 21.7

71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.40 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

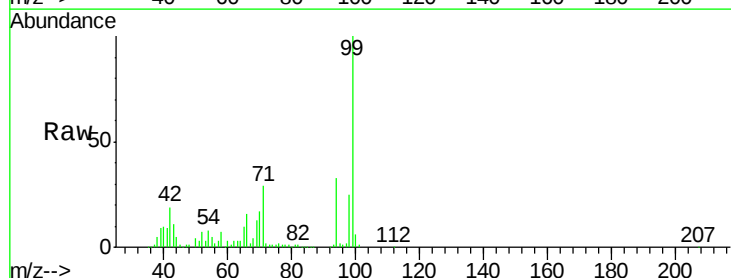
Tgt Ion: 94 Resp: 33624

Ion Ratio Lower Upper

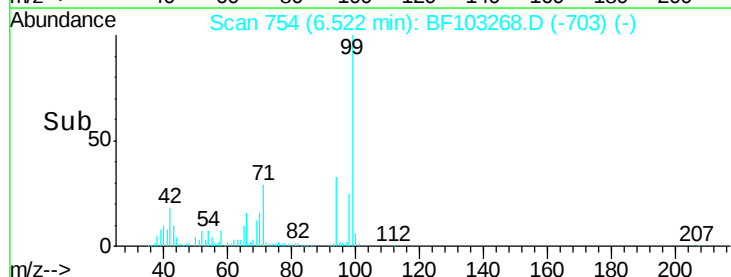
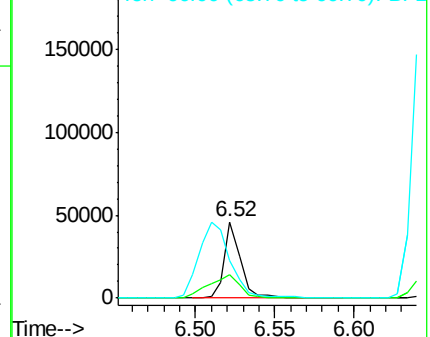
94 100

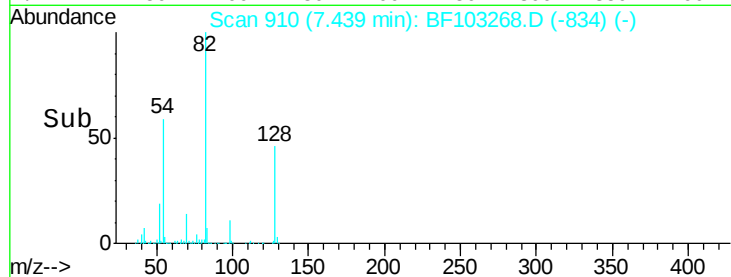
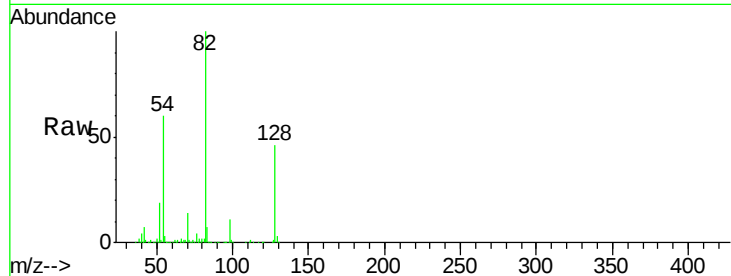
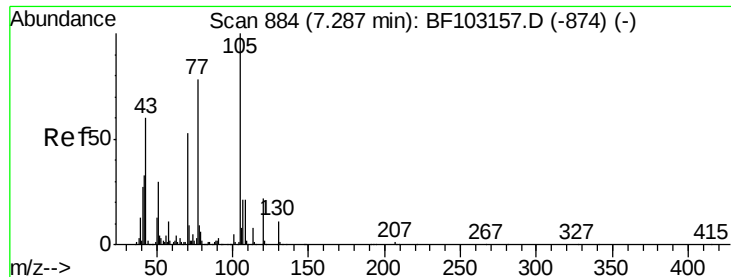
65 31.2 7.9 47.9

66 49.2 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

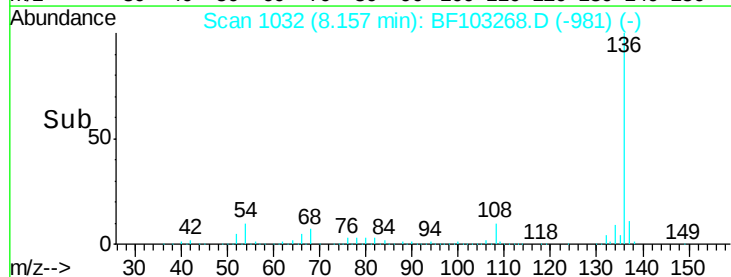
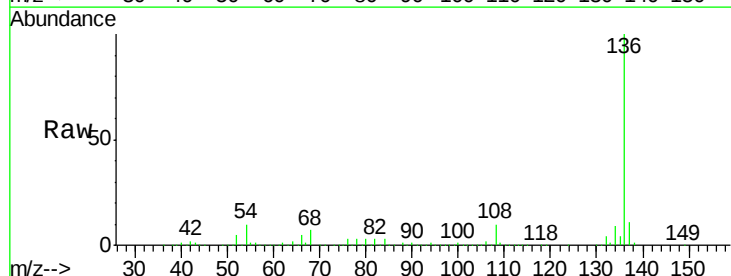
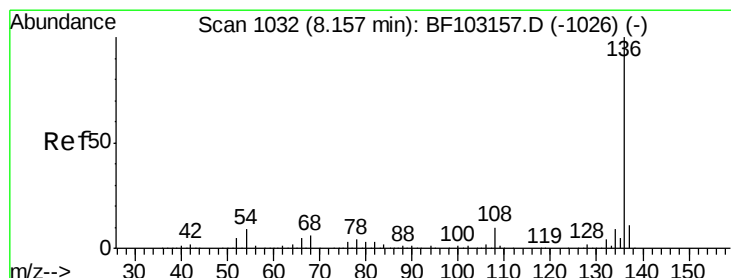
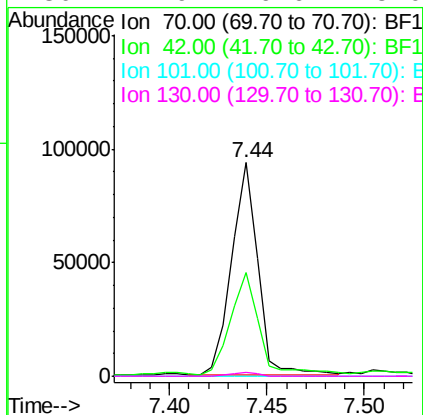




#19
n-Nitroso-di-n-propylamine
Concen: 11.55 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

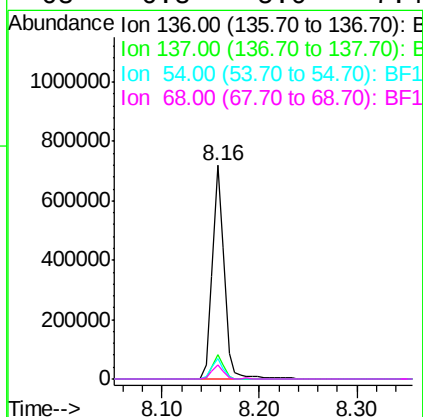
Instrument :
BNA_F
ClientSampled :

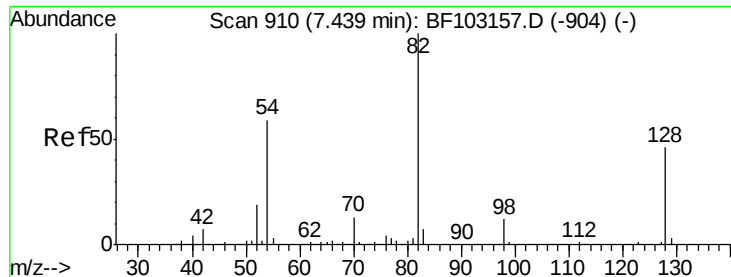
Tot Ion: 70 Resp: 86862
Ion Ratio Lower Upper
70 100
42 48.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Tgt Ion: 136 Resp: 616257
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.6 6.6 9.8
68 6.8 5.0 7.4

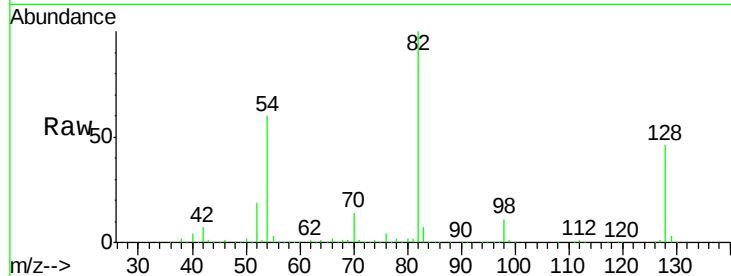




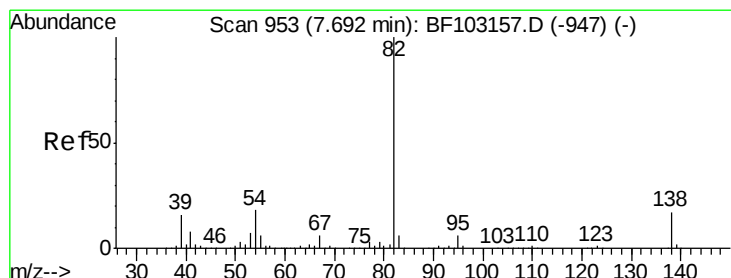
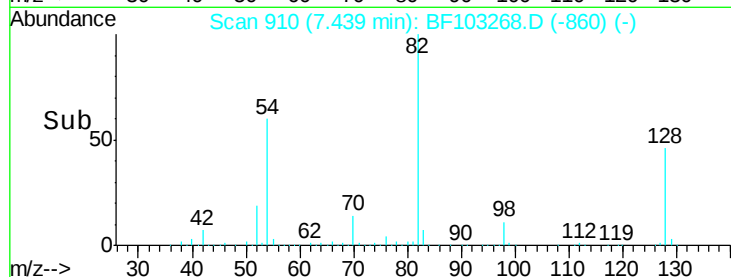
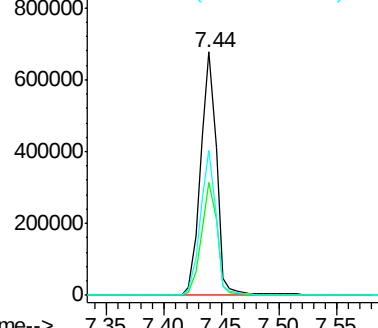
#23
Nitrobenzene-d5
Concen: 60.06 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 648106
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 59.6 41.4 62.2

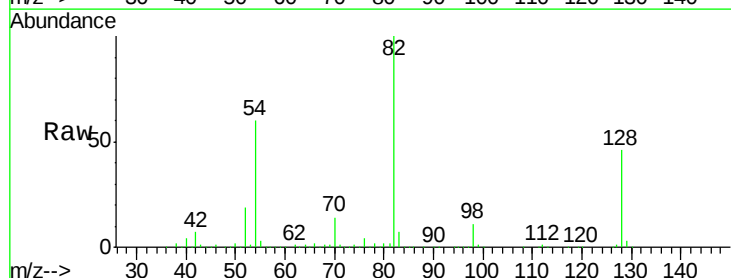


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

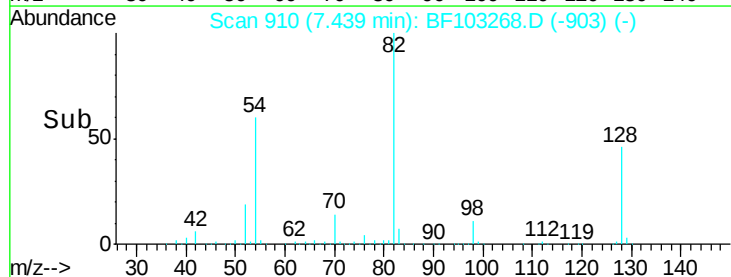
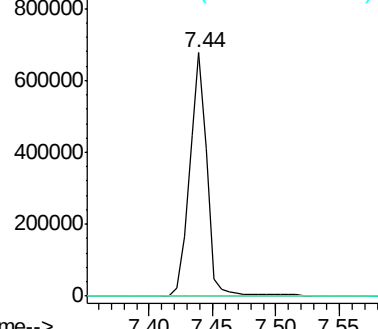


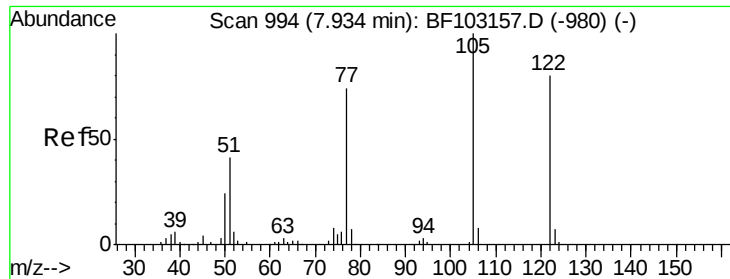
#25
Isophorone
Concen: 30.56 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Tgt Ion: 82 Resp: 649549
Ion Ratio Lower Upper
82 100
95 0.1 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

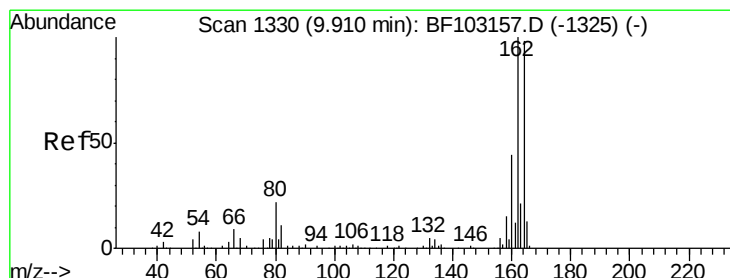
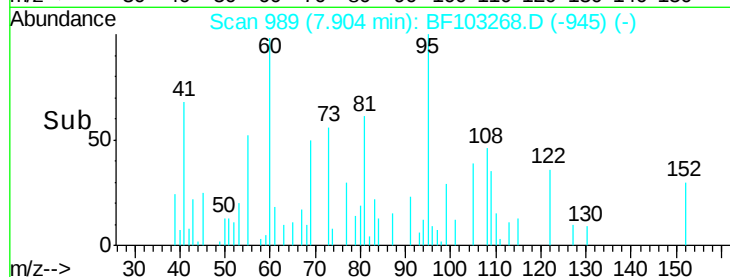
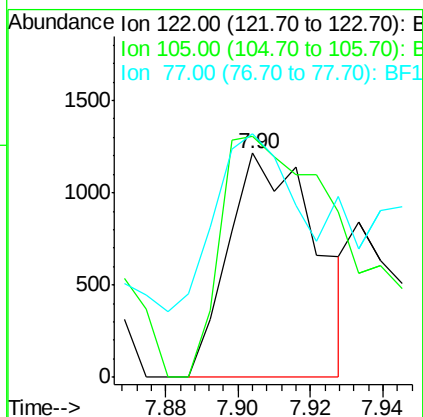
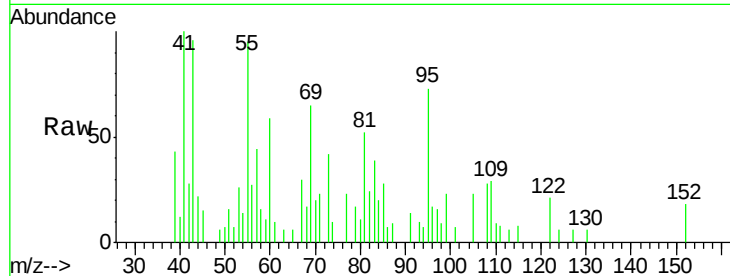




#32
Benzoic acid
Concen: 7.19 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

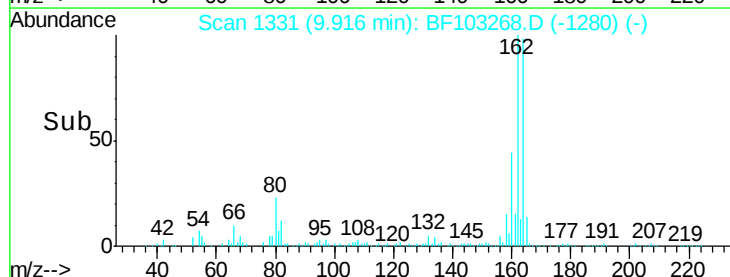
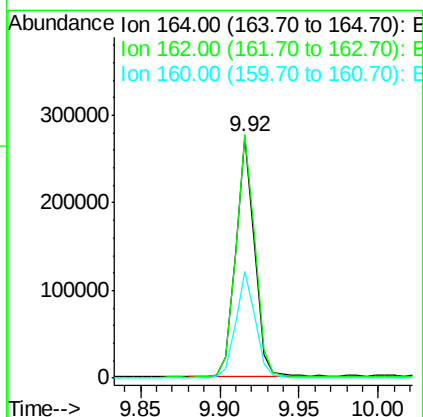
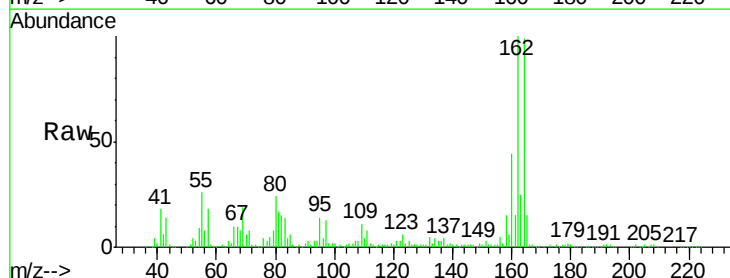
Instrument :
BNA_F
ClientSampled :

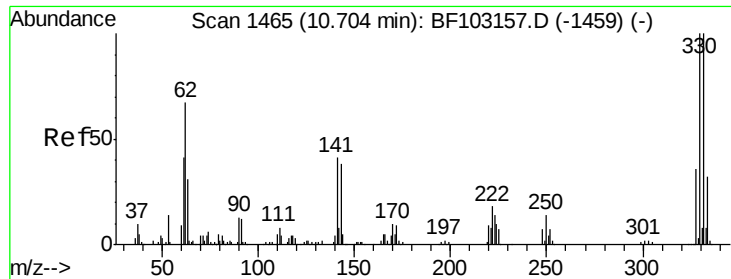
Tot Ion:122 Resp: 2040
Ion Ratio Lower Upper
122 100
105 107.3 101.1 141.1
77 108.6 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Tgt Ion:164 Resp: 227637
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 44.3 38.3 57.5

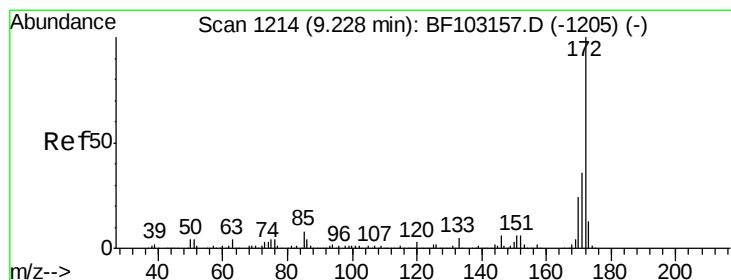
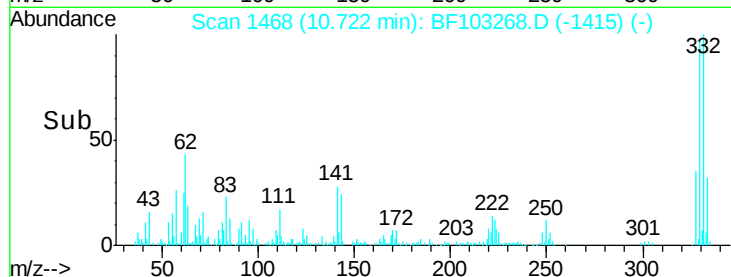
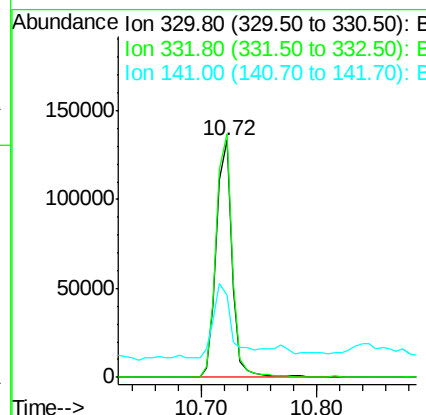
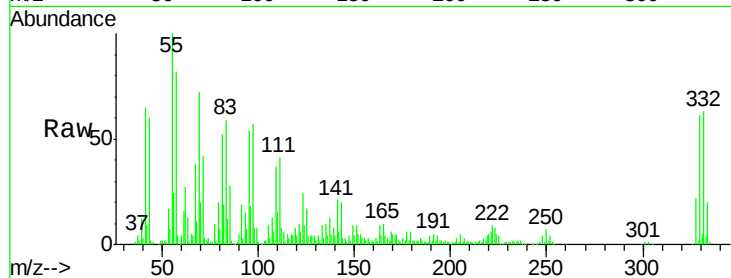




#41
 2,4,6-Tribromophenol
 Concen: 66.42 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF103268.D
 Acq: 27 Feb 2018 17:35

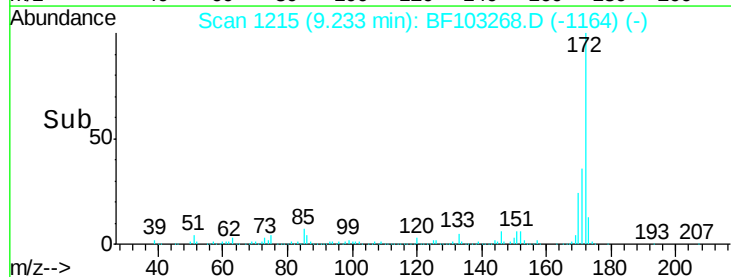
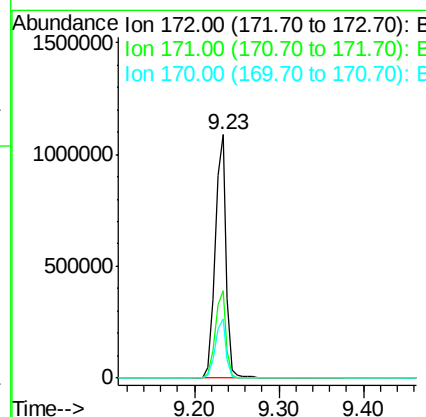
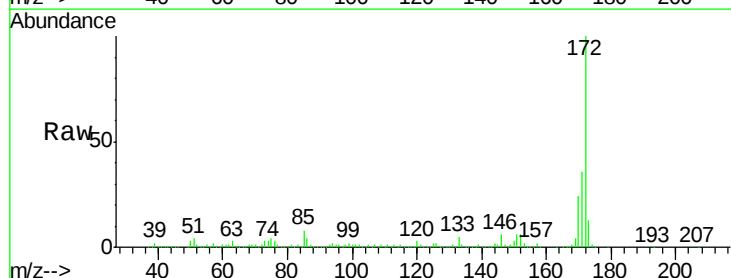
Instrument :
 BNA_F
 ClientSampleId :

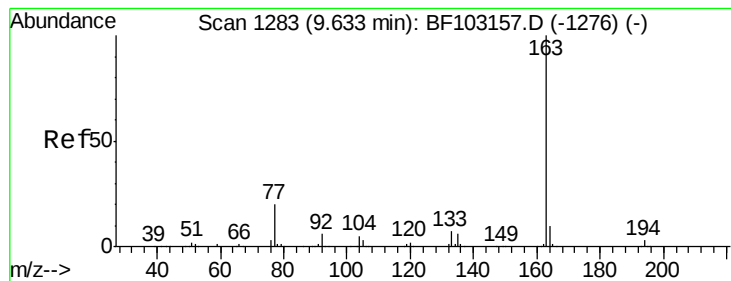
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.0	115.6
141	37.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 73.86 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103268.D
 Acq: 27 Feb 2018 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 4.81 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

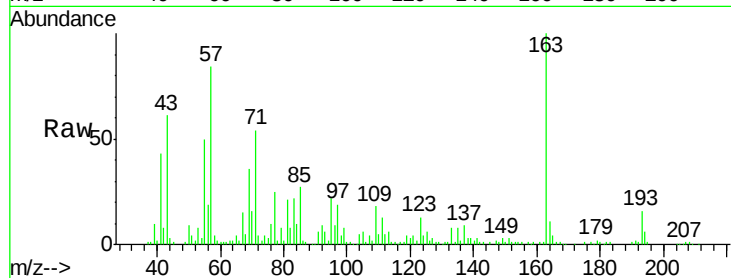
Tot Ion:163 Resp: 87779

Ion Ratio Lower Upper

163 100

194 6.3 2.7 4.1#

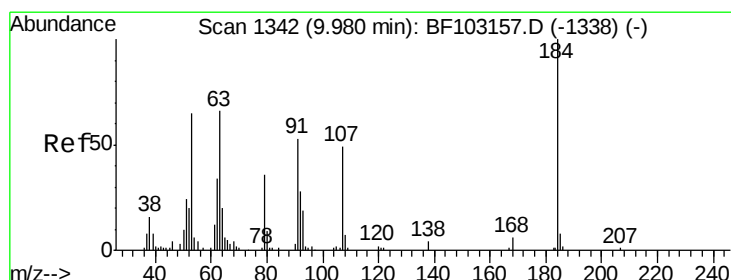
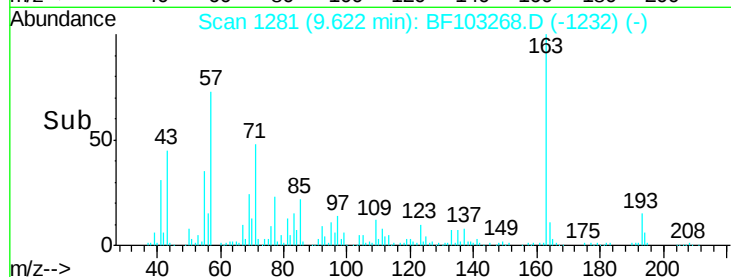
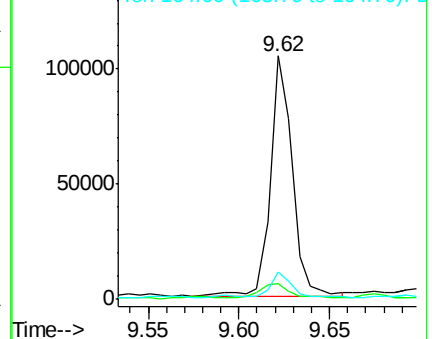
164 11.2 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 10.05 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.12 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

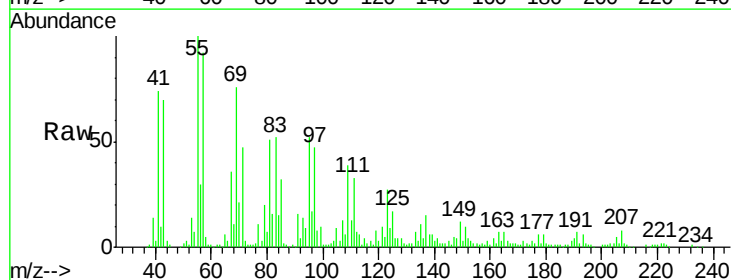
Tgt Ion:184 Resp: 676

Ion Ratio Lower Upper

184 100

63 171.5 54.2 81.2#

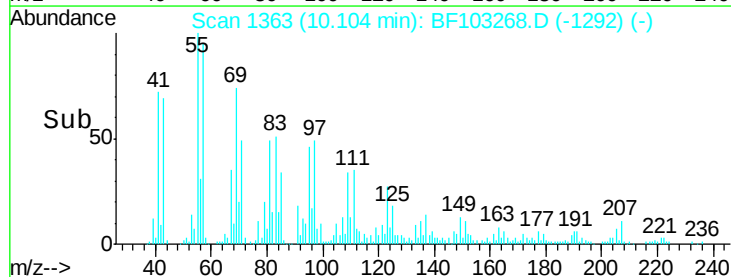
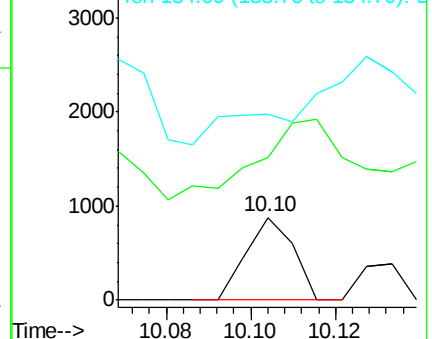
154 224.8 184.0 276.0

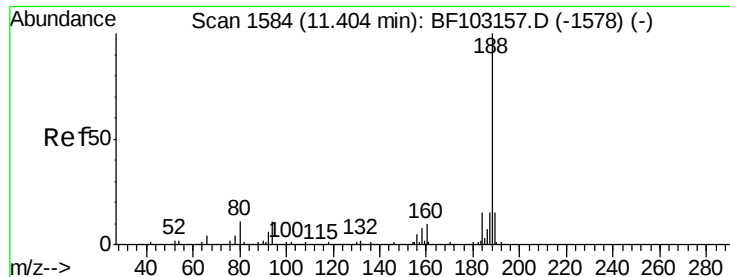


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

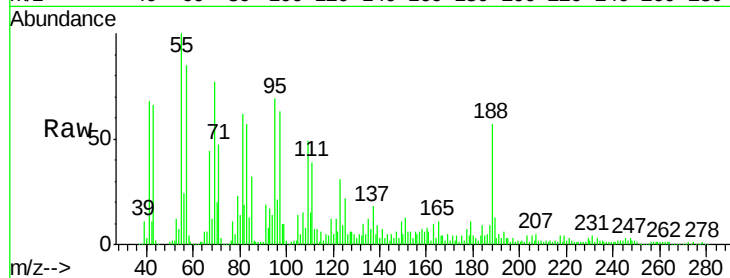
Tot Ion:188 Resp: 145069

Ion Ratio Lower Upper

188 100

94 25.5 8.5 12.7#

80 24.8 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

11.43

200000

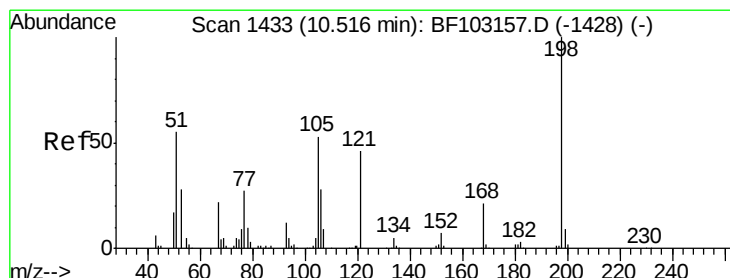
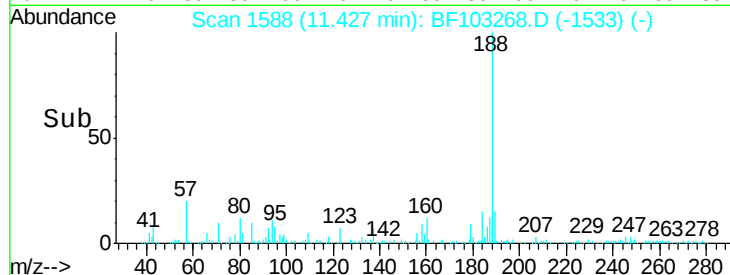
150000

100000

50000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.87 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.04 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

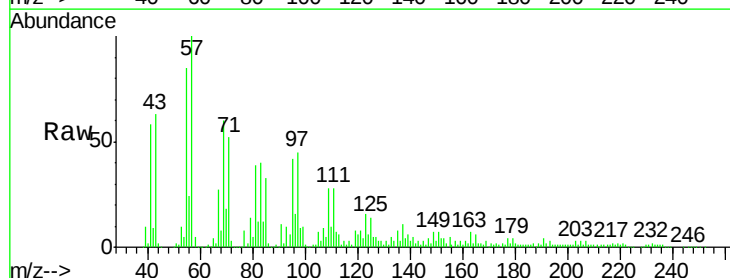
Tgt Ion:198 Resp: 910

Ion Ratio Lower Upper

198 100

51 290.3 37.7 77.7#

105 1351.0 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

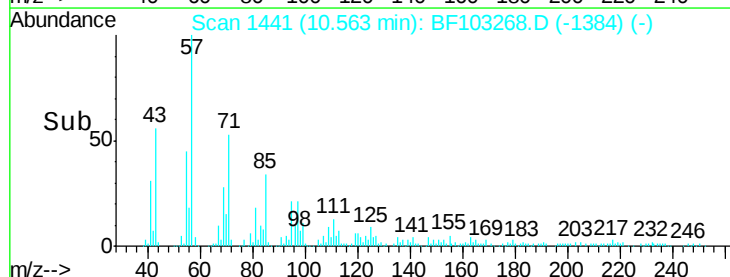
30000

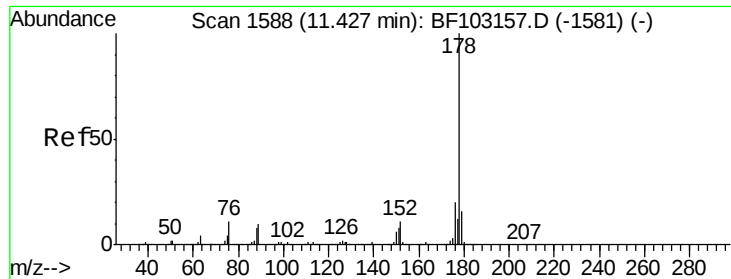
20000

10000

0

Time-->





#70

Phenanthrene

Concen: 2.05 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.02 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampled :

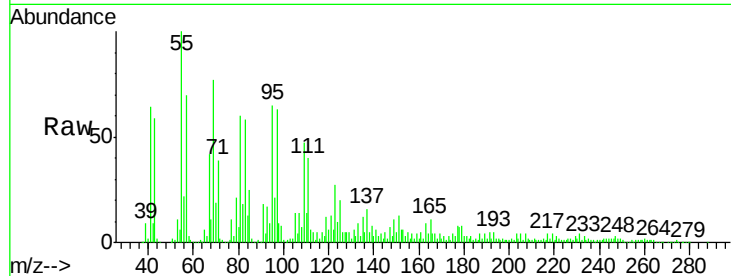
Tot Ion:178 Resp: 16381

Ion Ratio Lower Upper

178 100

176 37.8 15.8 23.8#

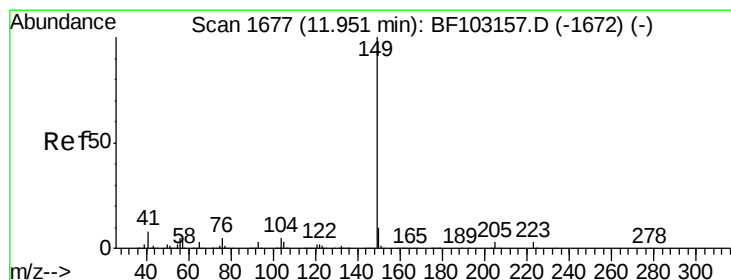
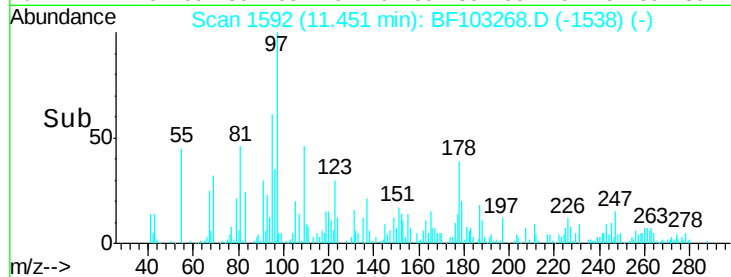
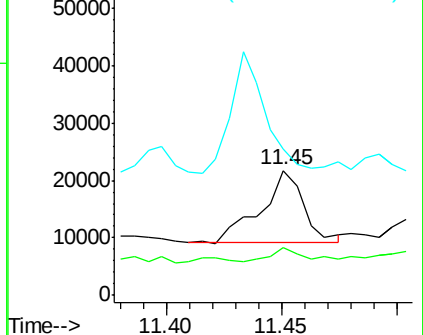
179 116.9 13.0 19.6#



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



#73

Di-n-butylphthalate

Concen: 2.50 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.02 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

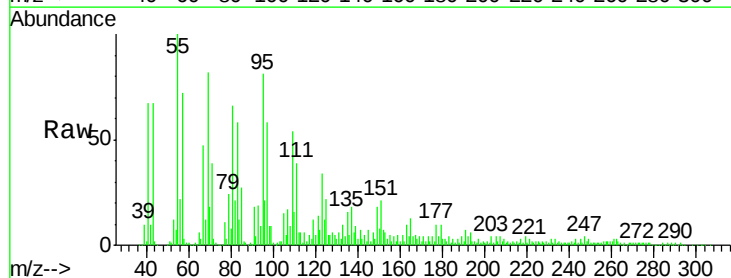
Tgt Ion:149 Resp: 25467

Ion Ratio Lower Upper

149 100

150 43.0 7.8 11.6#

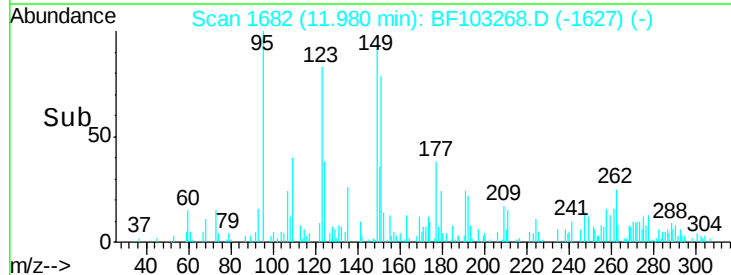
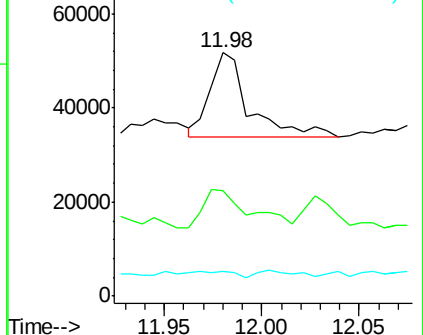
104 9.9 3.8 5.8#

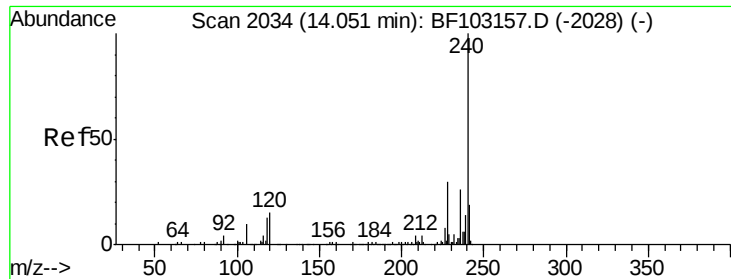


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.04 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

Instrument :

BNA_F

ClientSampleId :

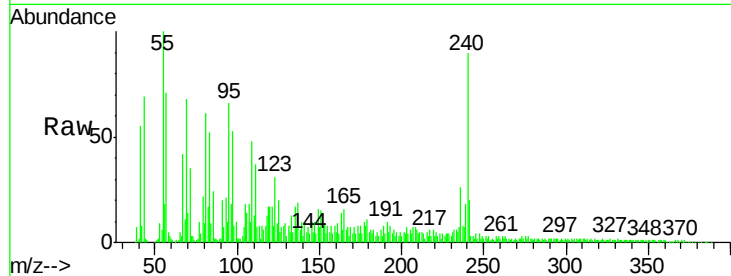
Tot Ion:240 Resp: 145308

Ion Ratio Lower Upper

240 100

120 18.7 9.5 14.3#

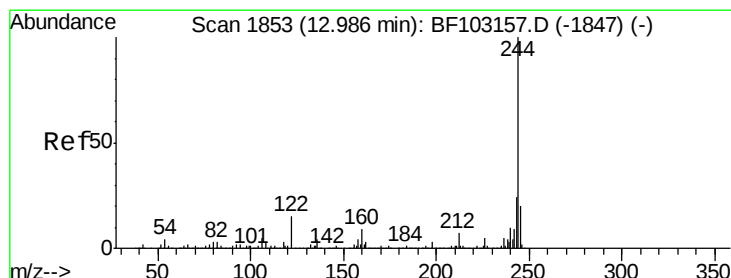
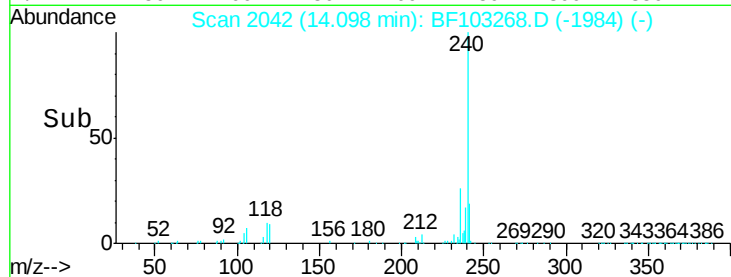
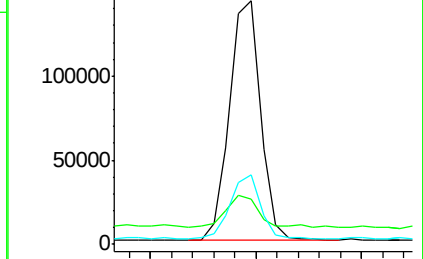
236 28.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 45.71 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.04 min

Lab File: BF103268.D

Acq: 27 Feb 2018 17:35

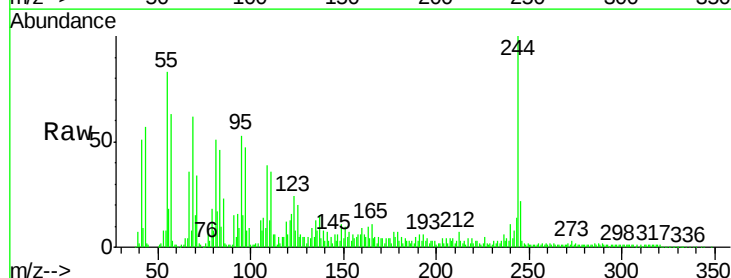
Tgt Ion:244 Resp: 276324

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

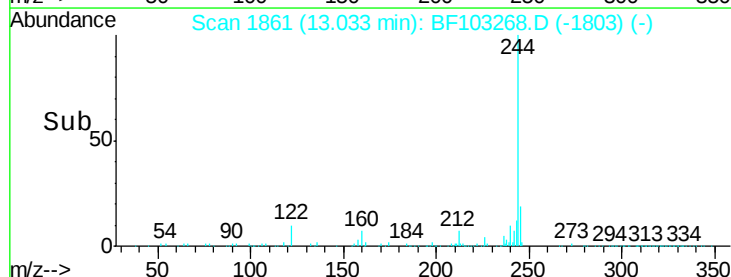
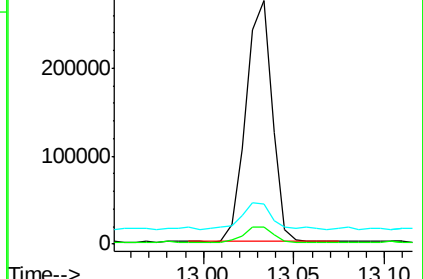
122 16.5 11.0 16.4#

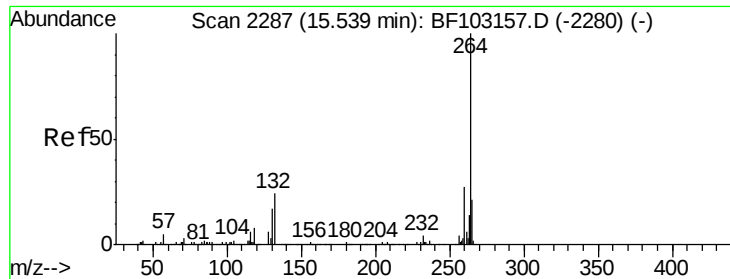


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

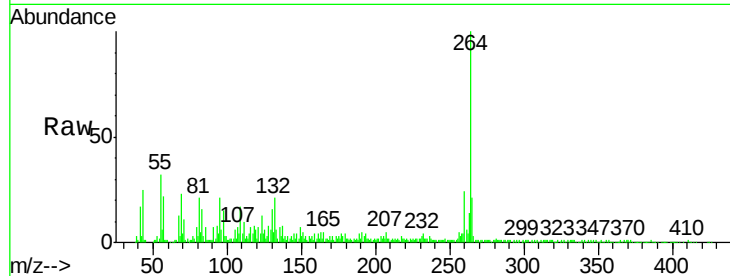




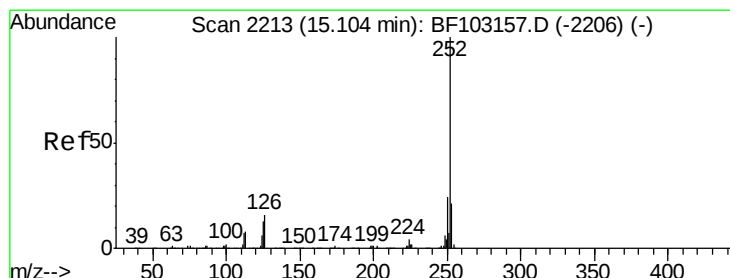
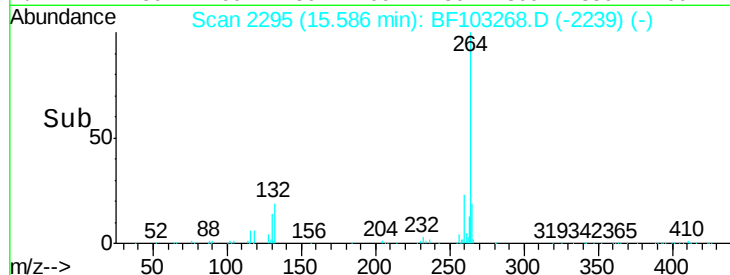
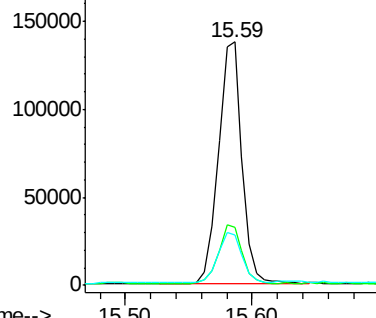
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.03 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 178317
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 20.7 17.5 26.3

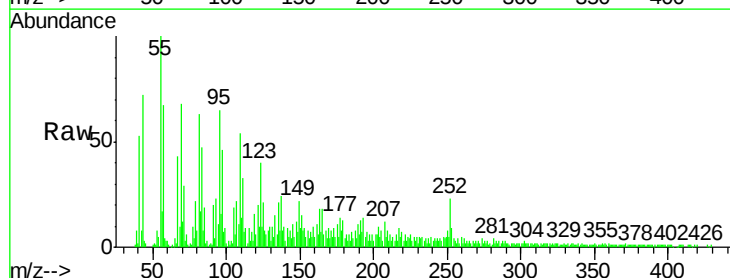


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

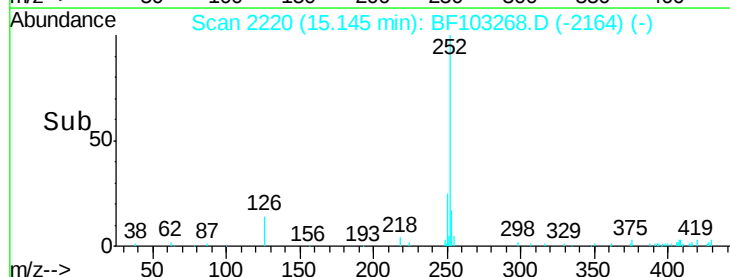
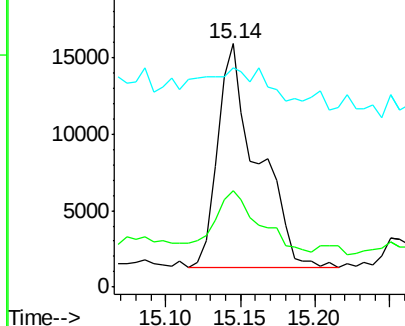


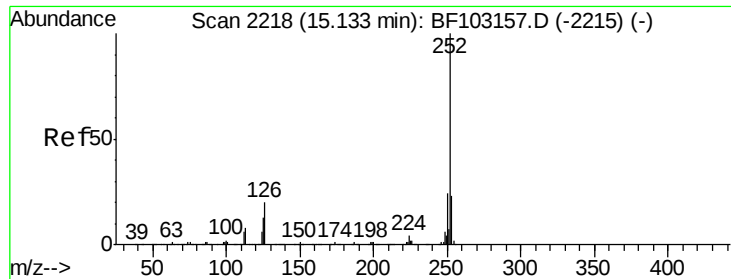
#87
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.03 min
Lab File: BF103268.D
Acq: 27 Feb 2018 17:35

Tgt Ion:252 Resp: 27411
Ion Ratio Lower Upper
252 100
253 39.4 17.0 25.6#
125 90.2 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: 2.48 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF103268.D
 Acq: 27 Feb 2018 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	39.4	17.9	26.9	
125	90.2	10.2	15.2	

