

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101358.D
 Acq On : 13 Dec 2017 5:04
 Operator : SJ/JU
 Sample : I6764-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 06:20:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44213	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	166202	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	68092	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	116371	20.00	ng	0.00
75) Chrysene-d12	14.01	240	90739	20.00	ng	0.00
86) Perylene-d12	15.49	264	68677	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	257163	96.11	ng	0.00
7) Phenol-d6	6.46	99	318677	98.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	175622	63.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	61481	75.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	389988	78.36	ng	0.00
78) Terphenyl-d14	12.94	244	306338	73.84	ng	0.00

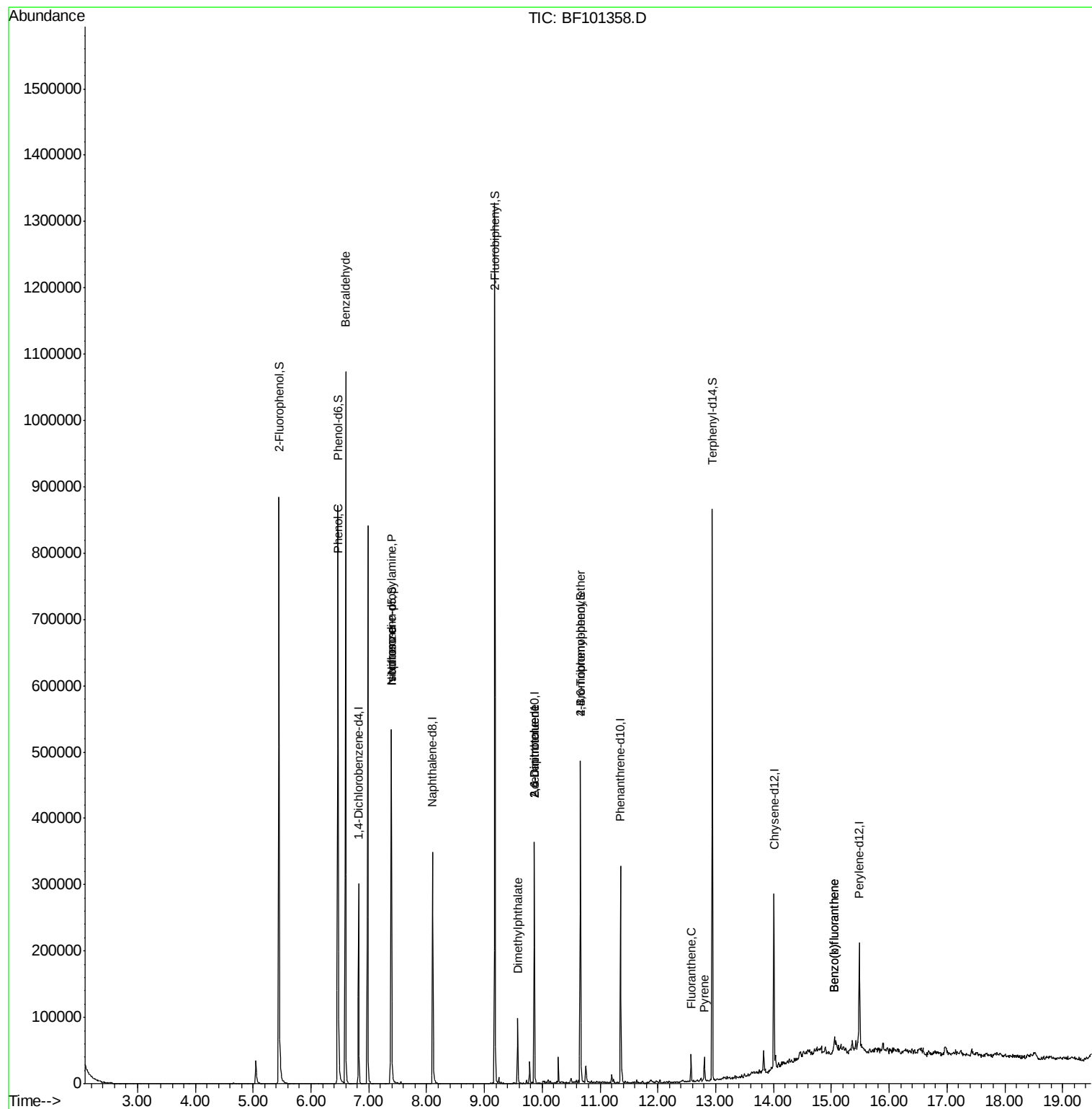
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	5507	2.770	ng	84
10) Phenol	6.47	94	7918	2.192	ng	# 72
19) n-Nitroso-di-n-propylamine	7.39	70	23510	10.746	ng	# 77
25) Isophorone	7.39	82	175622	36.903	ng	# 64
49) Dimethylphthalate	9.57	163	36700	6.683	ng	# 99
50) 2,6-Dinitrotoluene	9.86	165	8748	7.563	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	8748	5.644	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	3953	3.035	ng	# 1
74) Fluoranthene	12.57	202	15602	2.196	ng	96
77) Pyrene	12.80	202	13583	2.169	ng	97
87) Benzo(b)fluoranthene	15.05	252	13315	3.237	ng	# 93
88) Benzo(k)fluoranthene	15.05	252	13315	3.285	ng	96

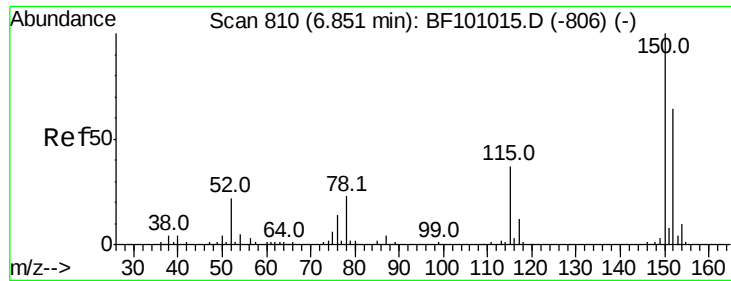
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
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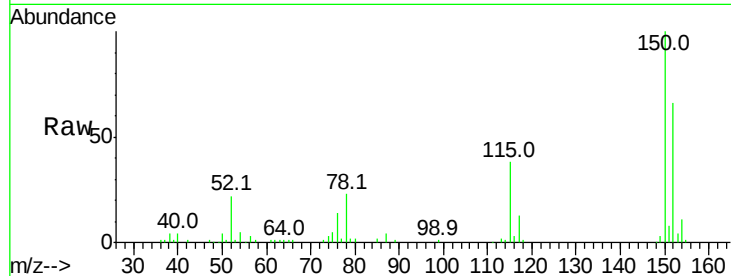


#1

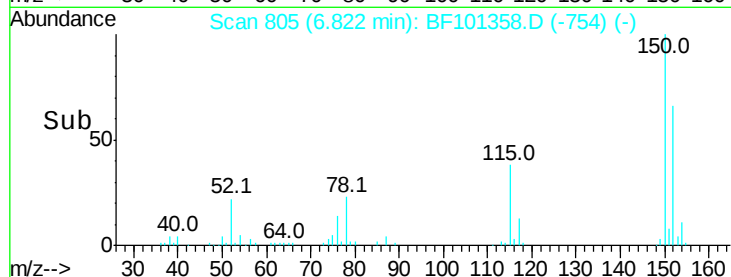
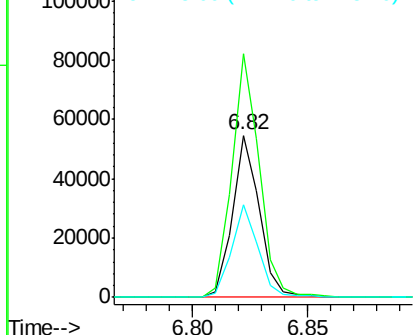
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44213
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 57.3 50.1 75.1



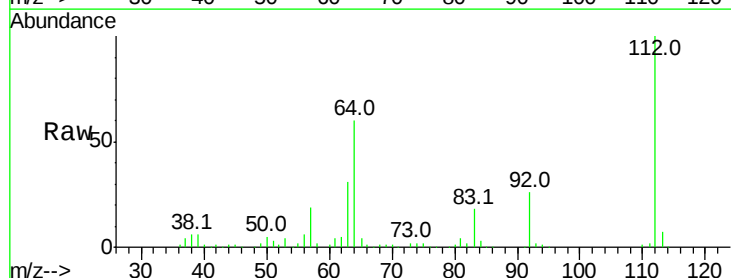
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



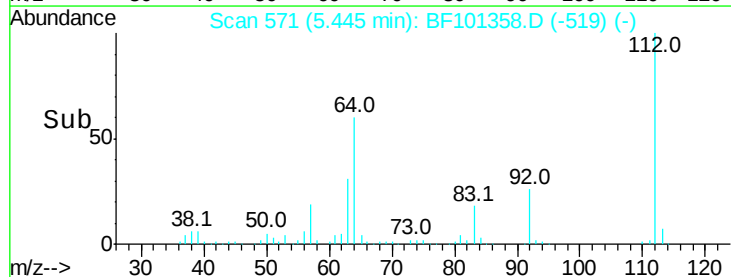
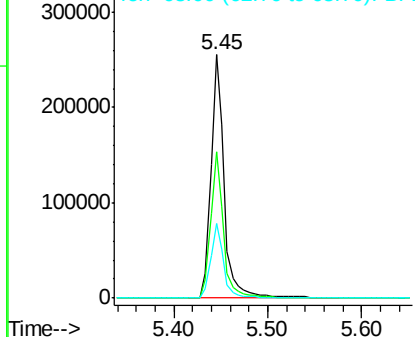
#5

2-Fluorophenol
Concen: 96.114 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Tgt Ion:112 Resp: 257163
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.7 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: 98.101 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

ClientSampleId :

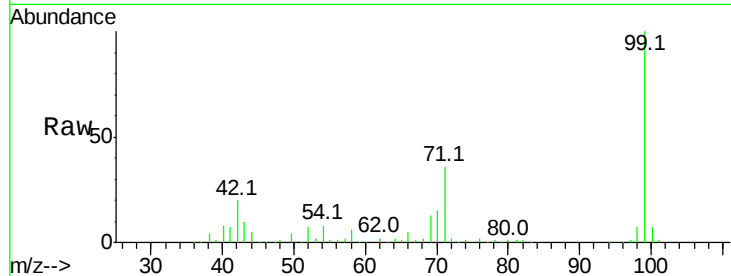
Tot Ion: 99 Resp: 318677

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

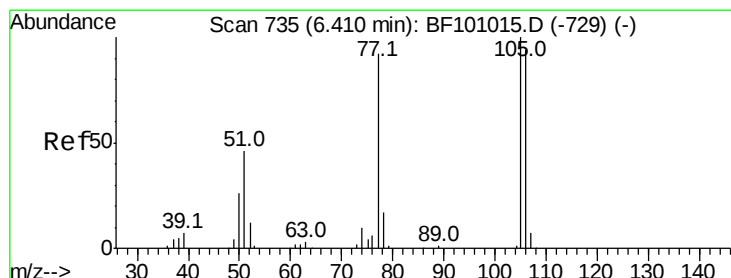
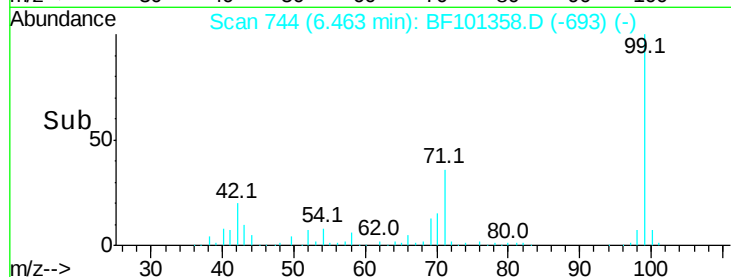
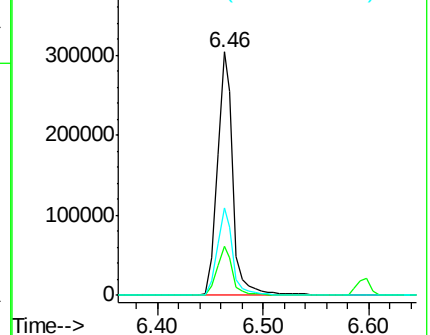
71 36.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.770 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.22 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

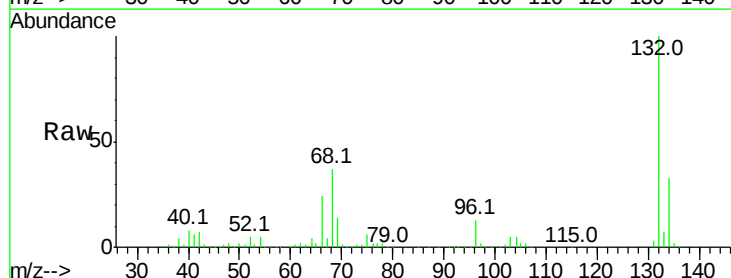
Tgt Ion: 77 Resp: 5507

Ion Ratio Lower Upper

77 100

105 86.6 81.1 121.1

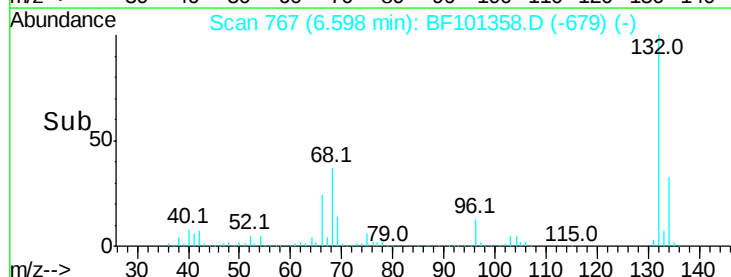
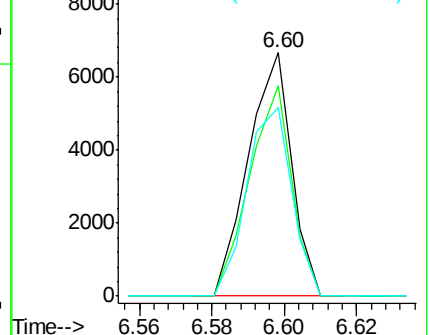
106 77.3 74.5 114.5

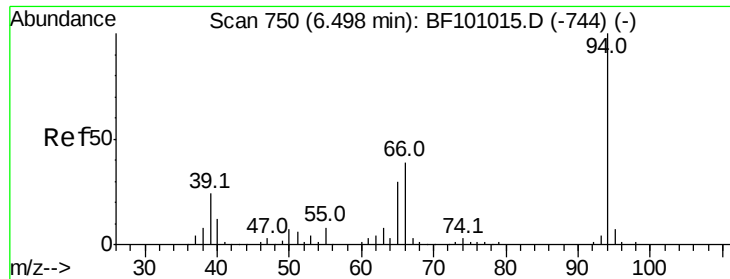


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

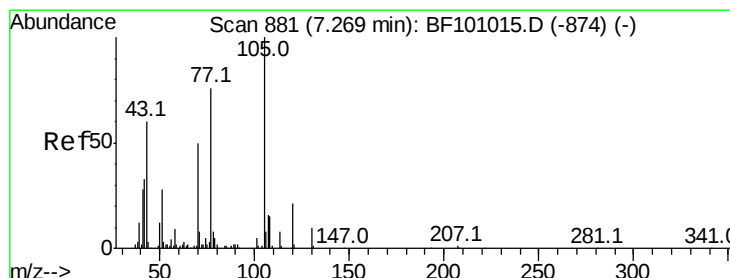
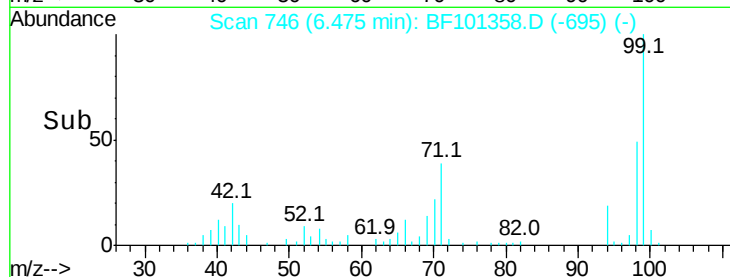
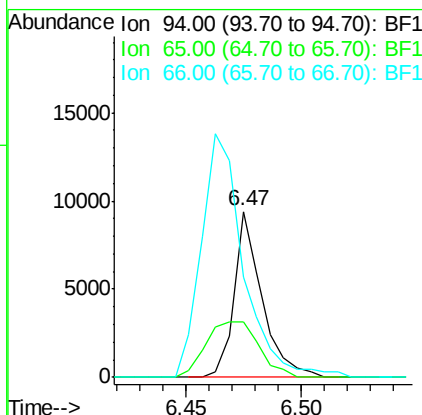
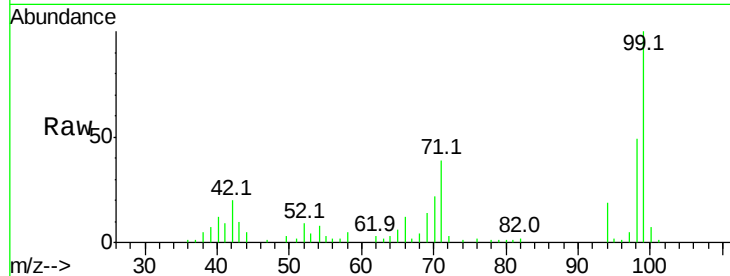




#10
Phenol
Concen: 2.192 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

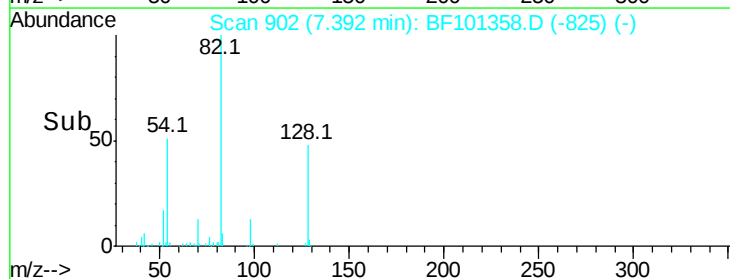
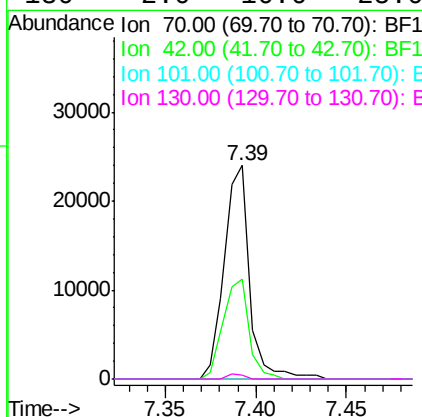
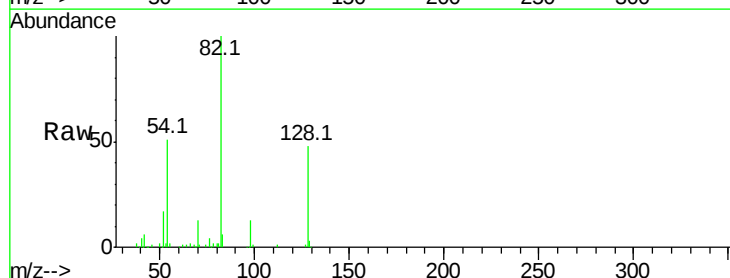
Instrument :
BNA_F
ClientSampleId :

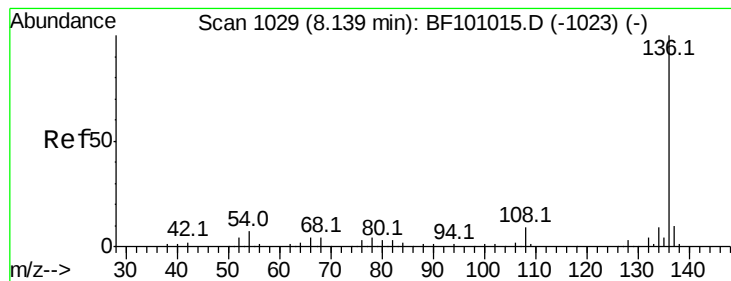
Tot Ion: 94 Resp: 7918
Ion Ratio Lower Upper
94 100
65 33.3 7.9 47.9
66 60.7 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 10.746 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Tgt Ion: 70 Resp: 23510
Ion Ratio Lower Upper
70 100
42 47.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 166202

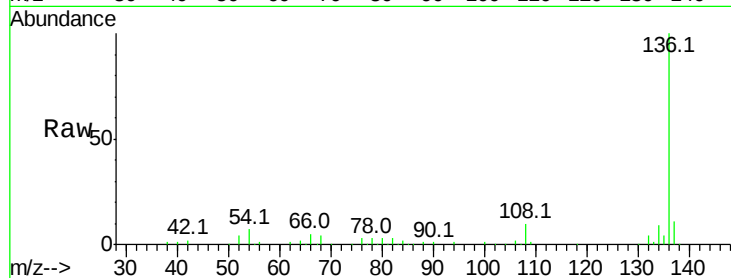
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 4.4 5.0 7.4#

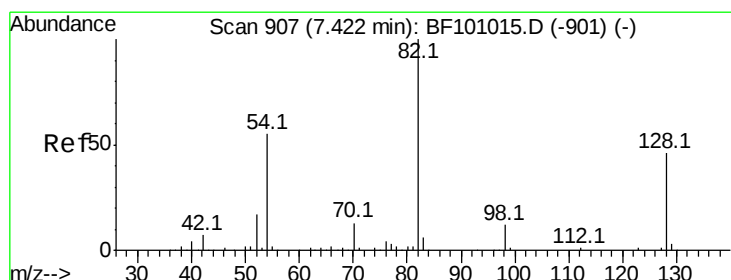
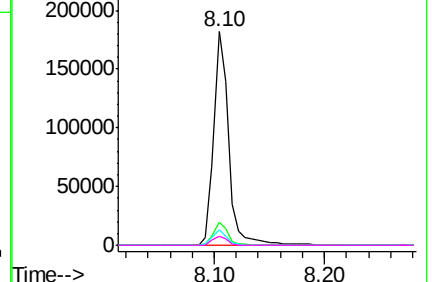
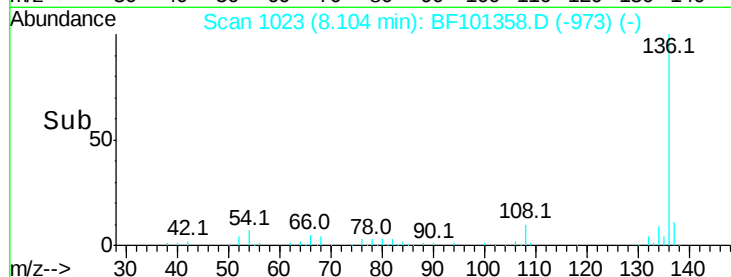


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.034 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

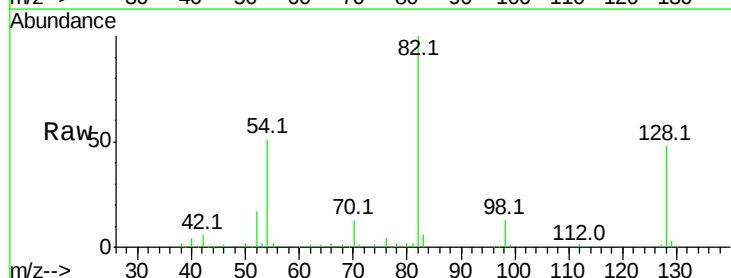
Tgt Ion: 82 Resp: 175622

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

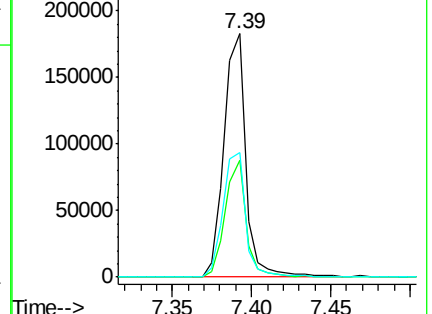
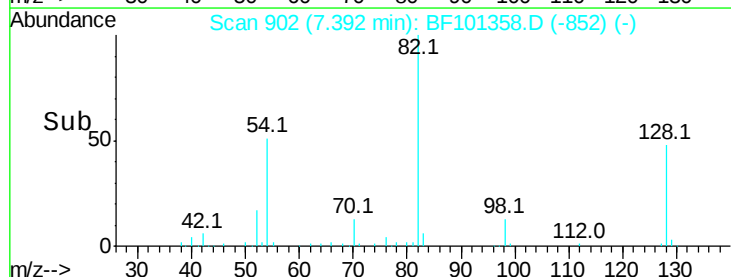
54 51.2 41.4 62.2

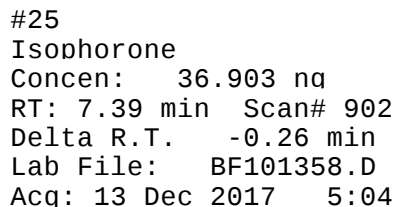


Abundance Ion 82.00 (81.70 to 82.70): BF1

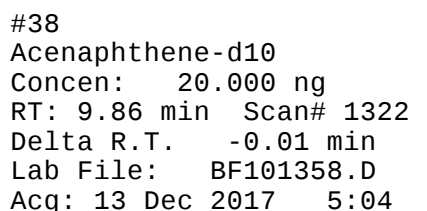
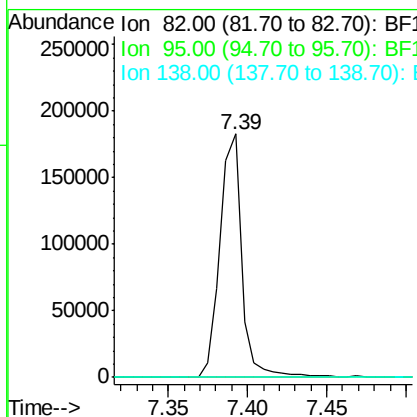
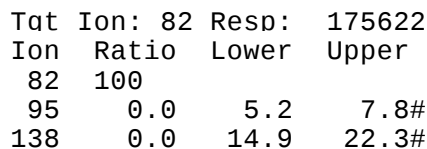
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

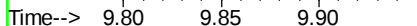
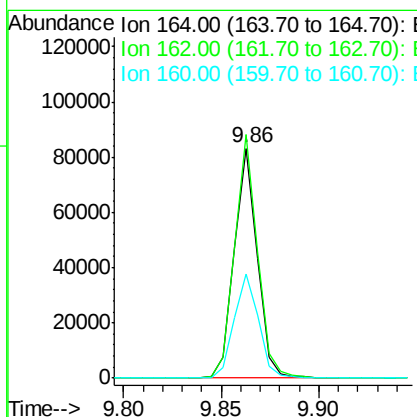


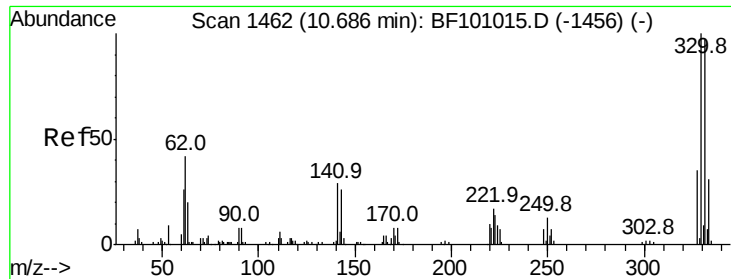


Instrument :
BNA_F
ClientSampleId :



Tgt	Ion:164	Resp:	68092
Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	45.3	38.3	57.5

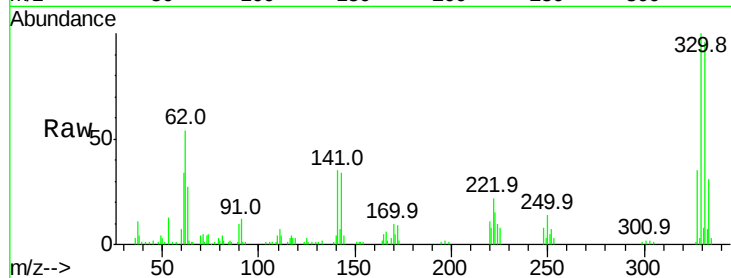




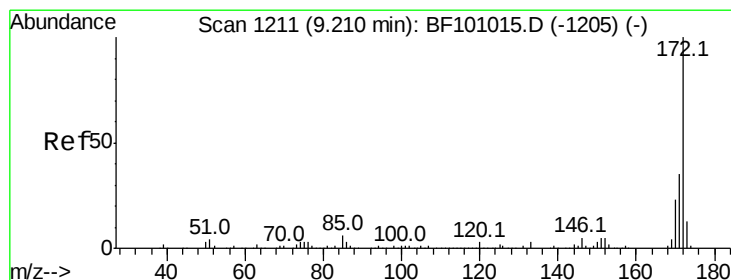
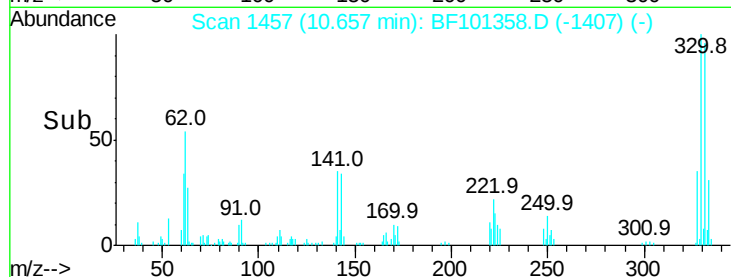
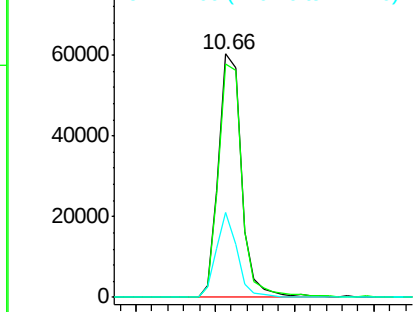
#41
 2,4,6-Tribromophenol
 Concen: 75.162 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 61481
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 31.1 29.9 44.9

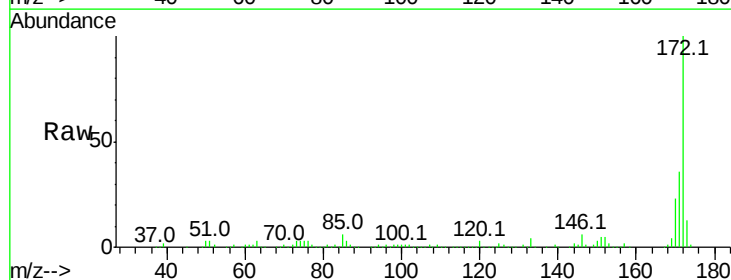


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

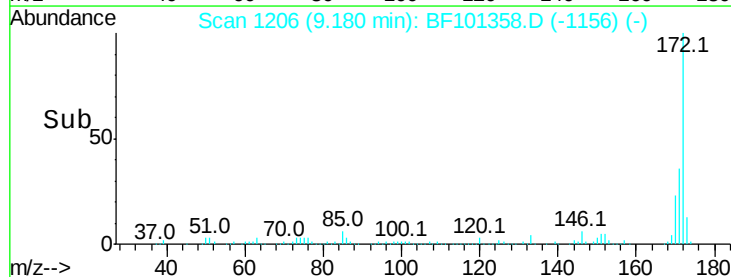
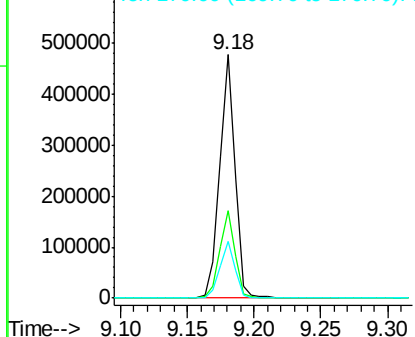


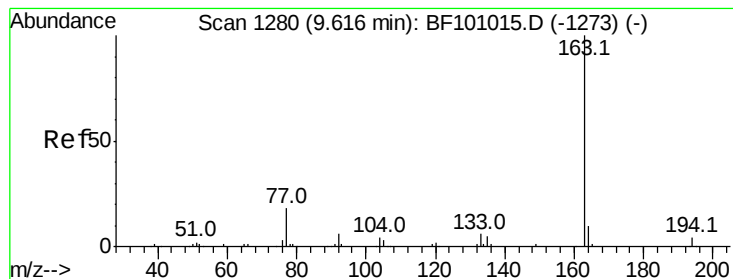
#44
 2-Fluorobiphenyl
 Concen: 78.362 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Tgt Ion:172 Resp: 389988
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.683 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

ClientSampleId :

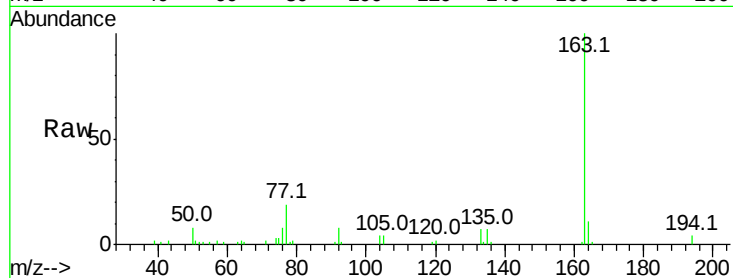
Tot Ion:163 Resp: 36700

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

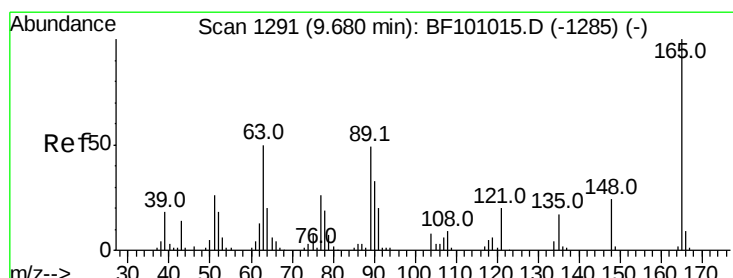
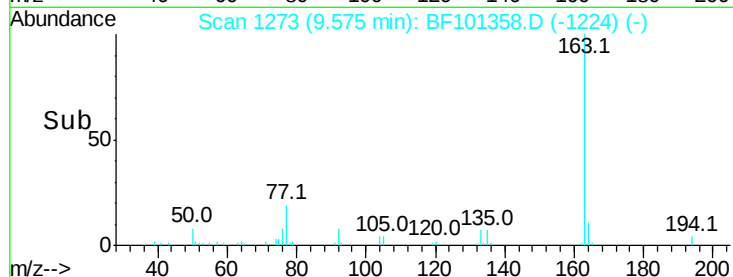
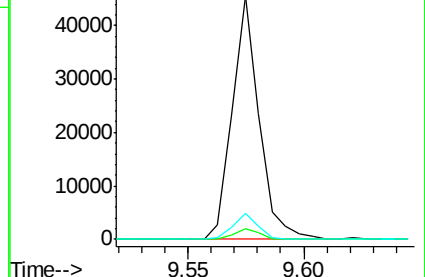
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.563 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

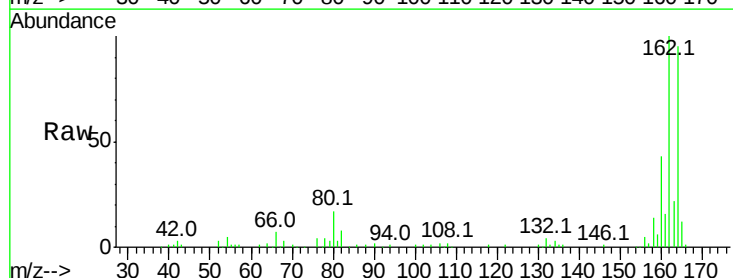
Tgt Ion:165 Resp: 8748

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

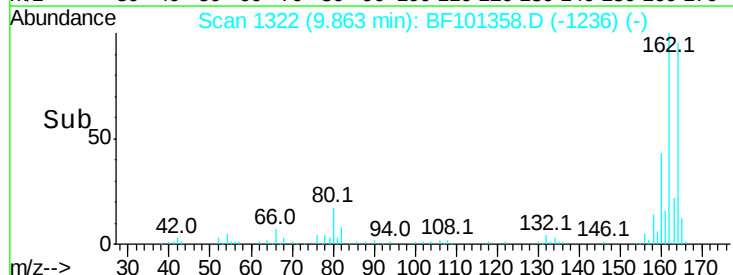
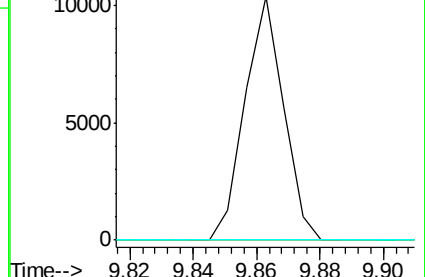
89 0.0 44.0 66.0#

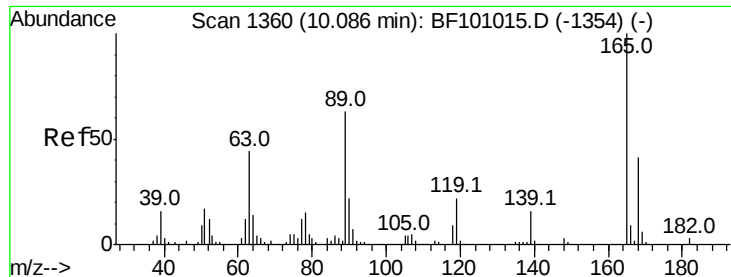


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 5.644 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.20 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 8748

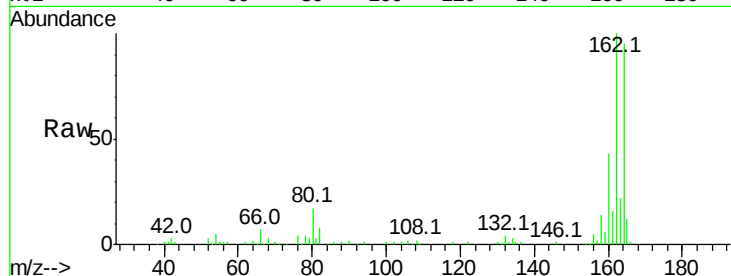
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

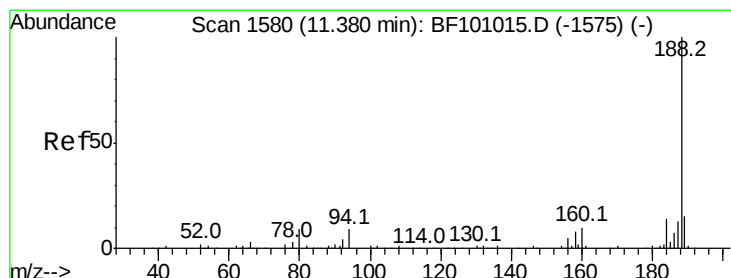
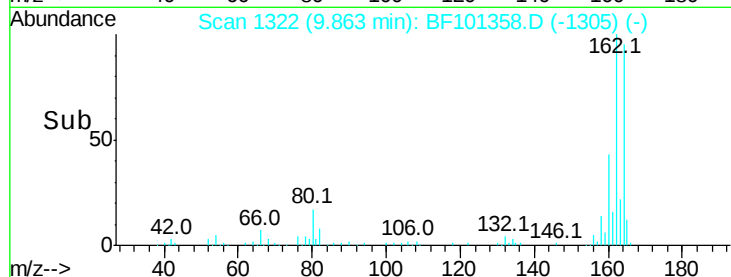
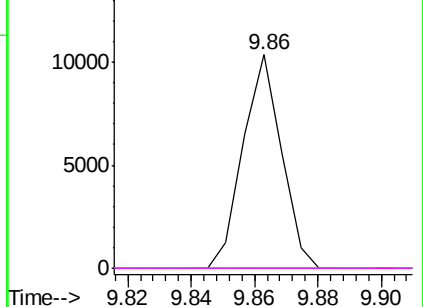


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

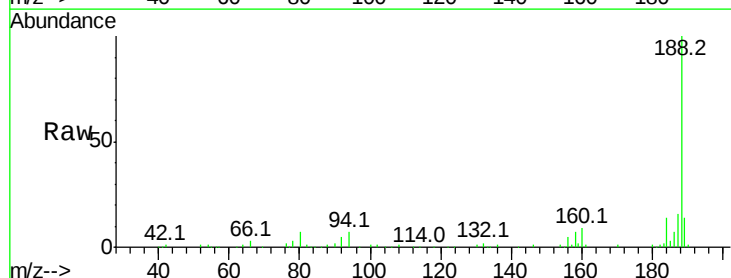
Tgt Ion:188 Resp: 116371

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

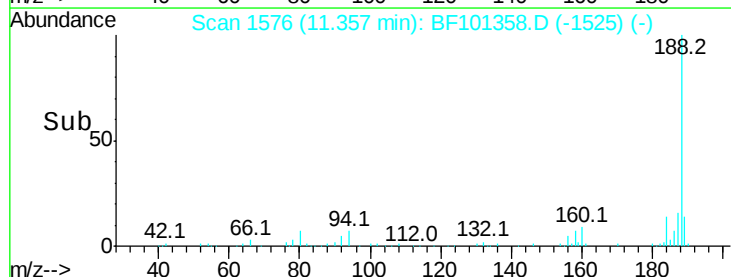
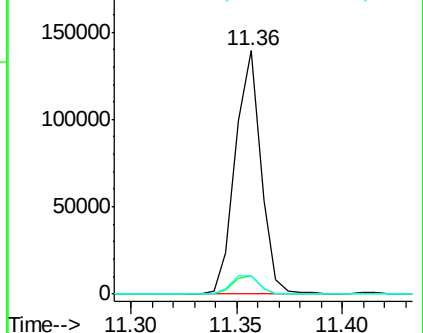
80 7.3 9.2 13.8#

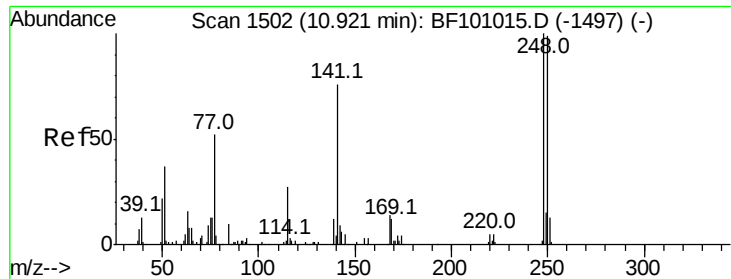


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

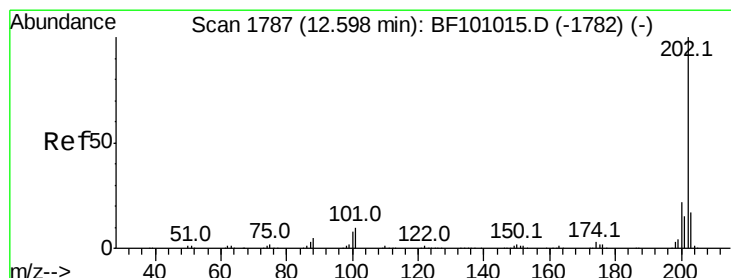
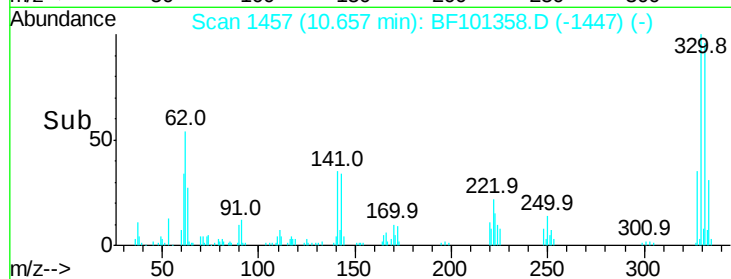
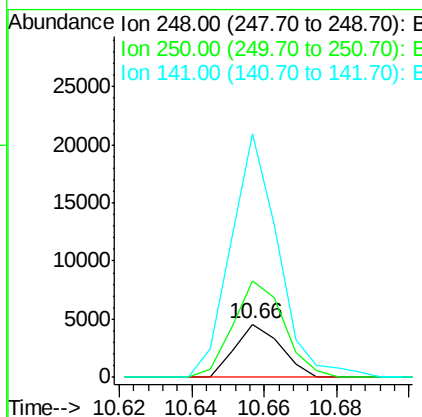
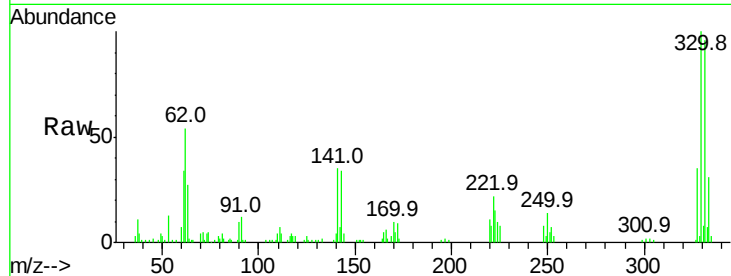




#66
 4-Bromophenyl-phenylether
 Concen: 3.035 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

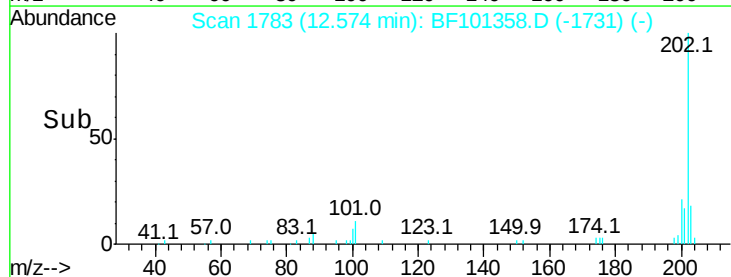
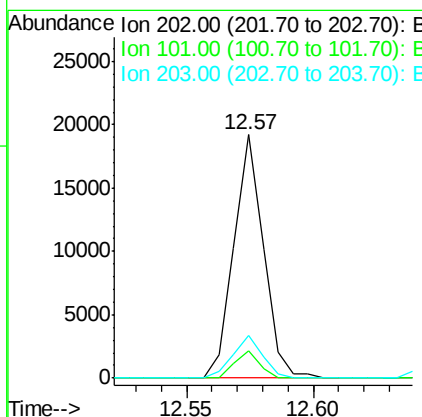
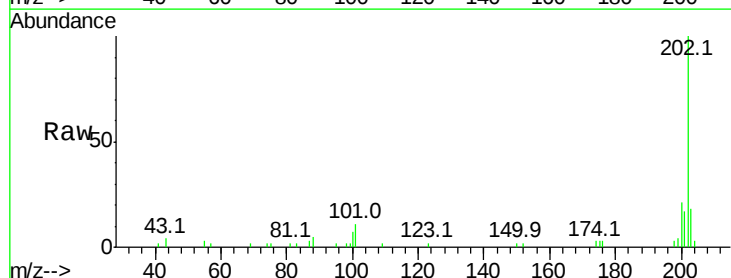
Instrument :
 BNA_F
 ClientSampleId :

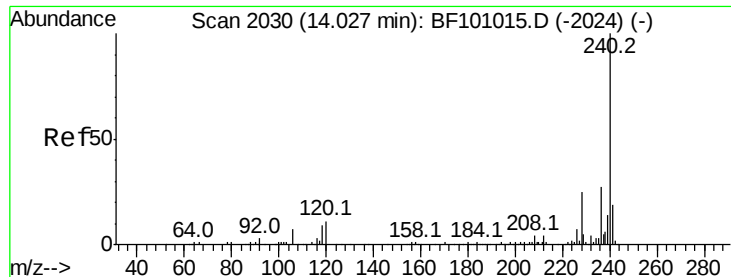
Tot Ion:248 Resp: 3953
 Ion Ratio Lower Upper
 248 100
 250 181.3 76.9 115.3#
 141 457.2 74.4 111.6#



#74
 Fluoranthene
 Concen: 2.196 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Tgt Ion:202 Resp: 15602
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 34.1
 203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

ClientSampleId :

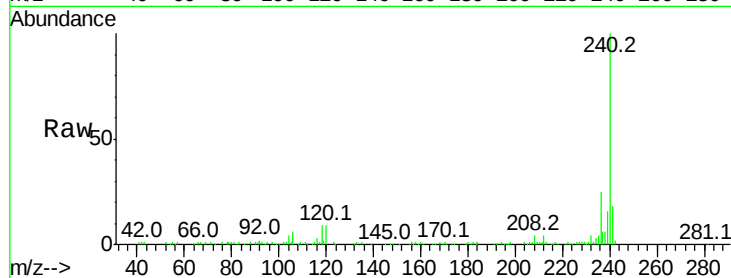
Tot Ion:240 Resp: 90739

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

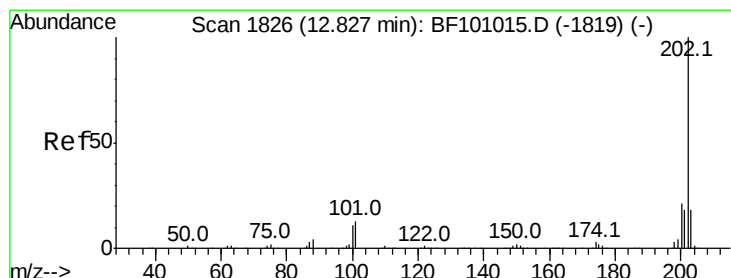
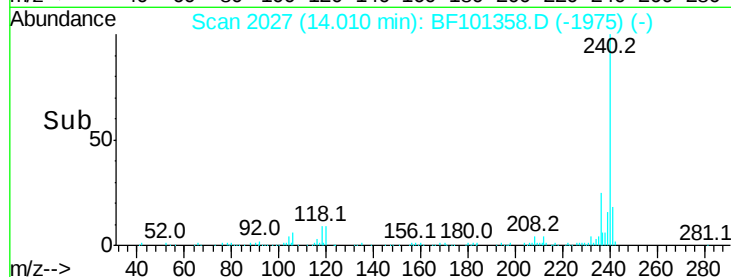
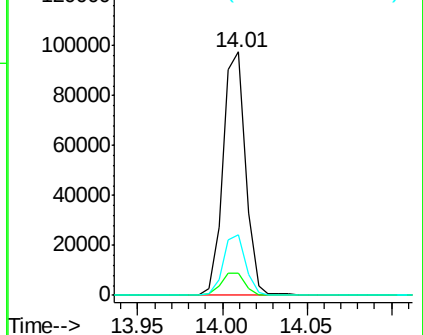
236 24.9 20.7 31.1



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: 2.169 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

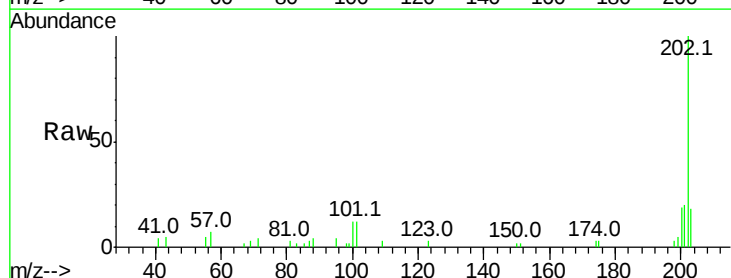
Tgt Ion:202 Resp: 13583

Ion Ratio Lower Upper

202 100

200 19.0 17.4 26.2

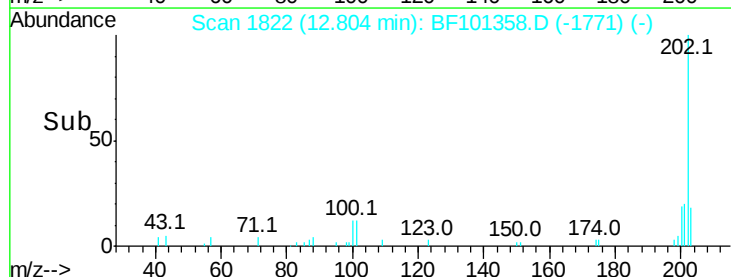
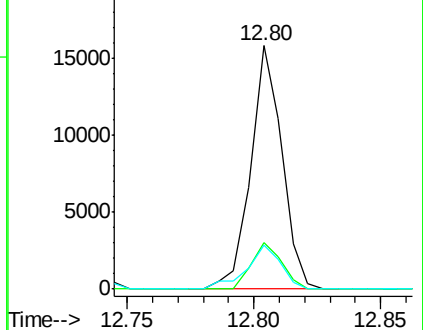
203 17.9 14.3 21.5

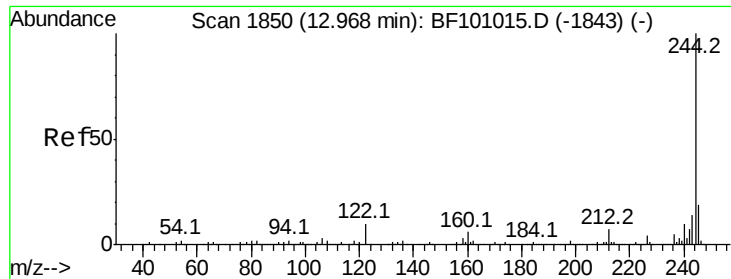


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

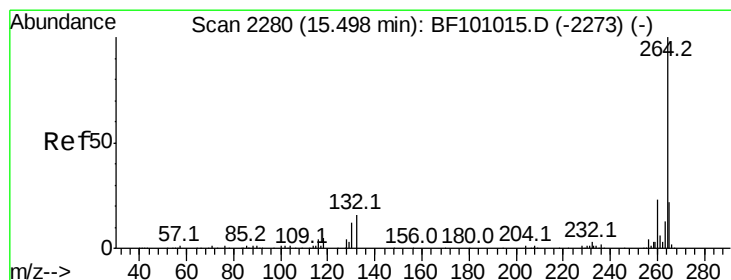
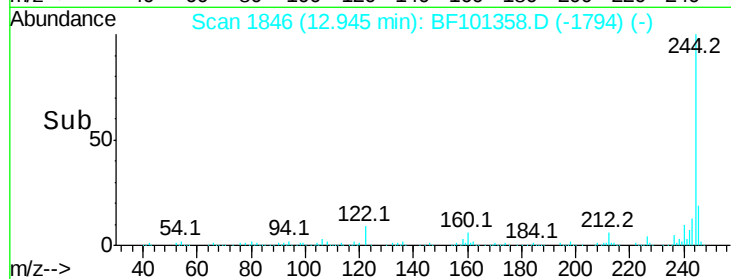
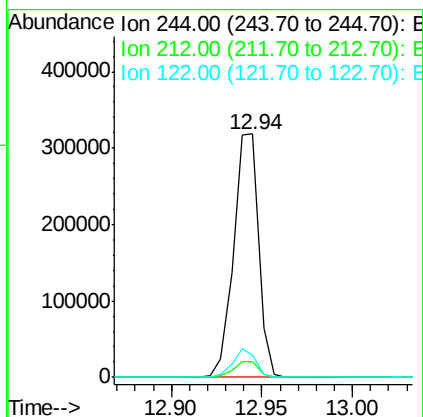
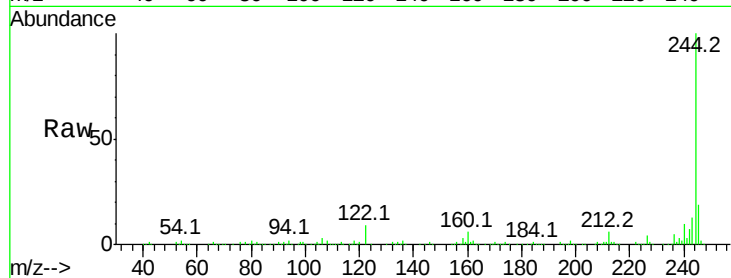




#78
 Terphenyl-d14
 Concen: 73.843 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

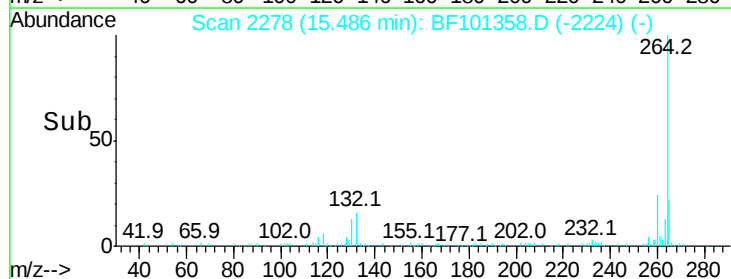
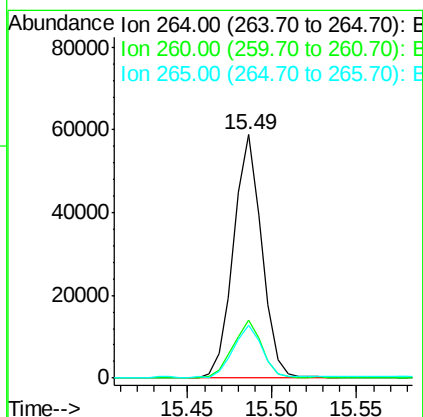
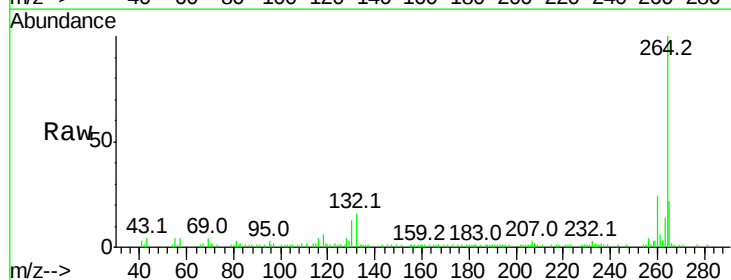
Instrument :
 BNA_F
 ClientSampleId :

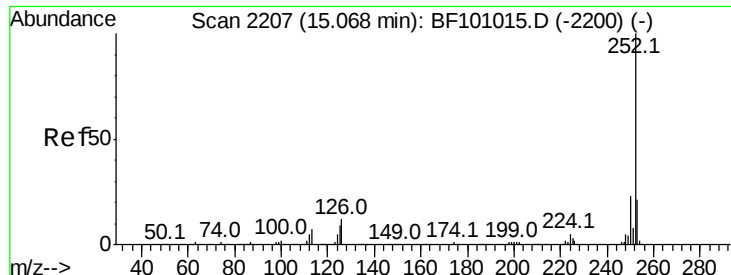
Tot Ion:244 Resp: 306338
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Tgt Ion:264 Resp: 68677
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 3.237 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

ClientSampleId :

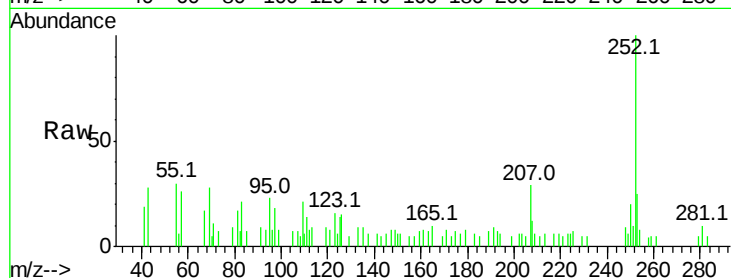
Tot Ion:252 Resp: 13315

Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.6

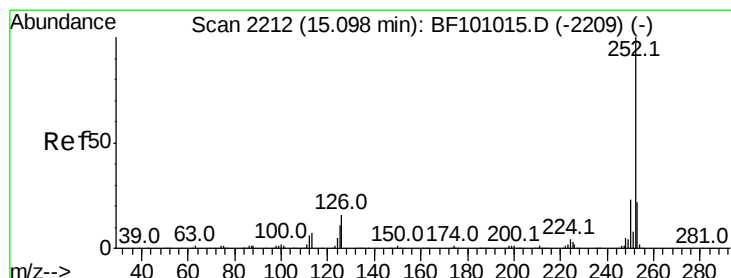
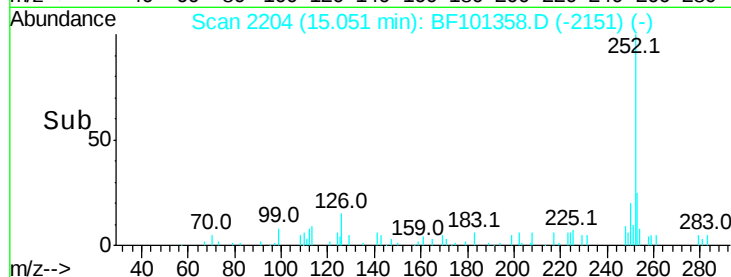
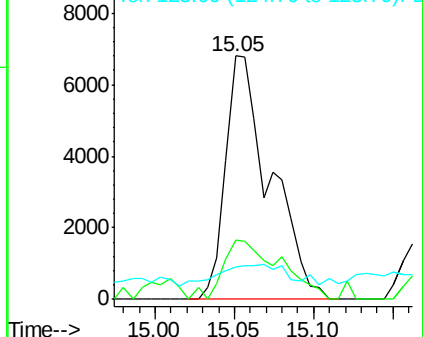
125 13.6 9.0 13.6#



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: 3.285 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

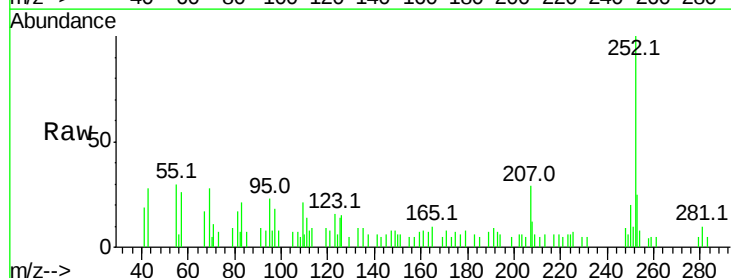
Tgt Ion:252 Resp: 13315

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 13.6 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

