

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102208.D
 Acq On : 18 Jan 2018 22:47
 Operator : SJ/JU
 Sample : J1187-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:17:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148741	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	587974	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	226566	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	330779	20.00	ng	0.00
75) Chrysene-d12	13.87	240	280647	20.00	ng	0.00
86) Perylene-d12	15.29	264	237868	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1067432	101.34	ng	0.02
7) Phenol-d6	6.36	99	1248760	99.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	773907	77.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	200254	101.28	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1165474	80.36	ng	0.00
78) Terphenyl-d14	12.82	244	810025	59.93	ng	0.00

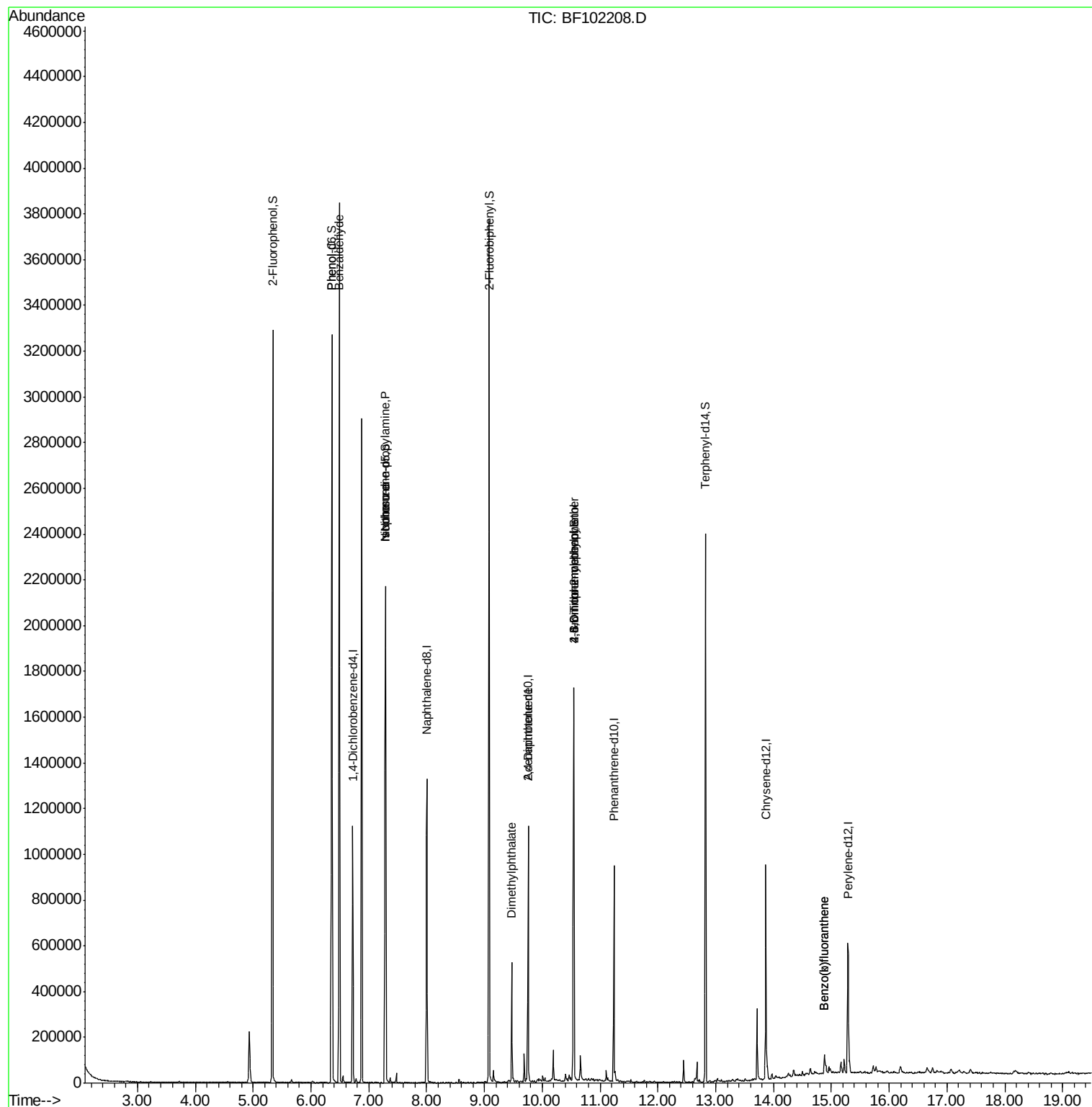
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	22528	2.582	ng	85
10) Phenol	6.37	94	53101	3.739	ng	# 70
19) n-Nitroso-di-n-propylamine	7.29	70	103775	12.600	ng	# 79
25) Isophorone	7.29	82	767900	38.841	ng	# 64
49) Dimethylphthalate	9.47	163	184293	10.140	ng	99
56) 2,4-Dinitrotoluene	9.75	165	28797	6.328	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	334	5.826	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	12389	3.547	ng	# 1
87) Benzo(b)fluoranthene	14.88	252	50841	3.278	ng	98
88) Benzo(k)fluoranthene	14.88	252	50841	3.398	ng	99

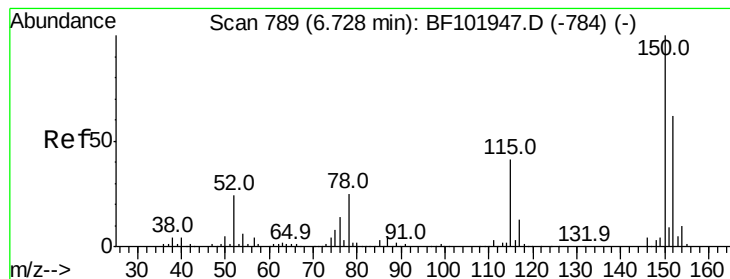
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102208.D
Acq On : 18 Jan 2018 22:47
Operator : SJ/JU
Sample : J1187-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 19 00:17:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



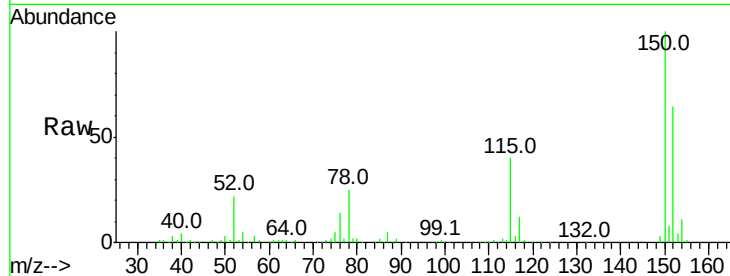


#1

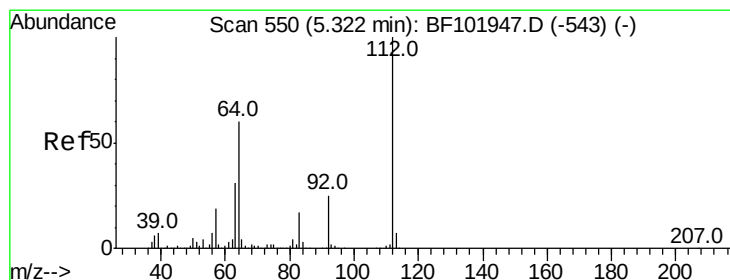
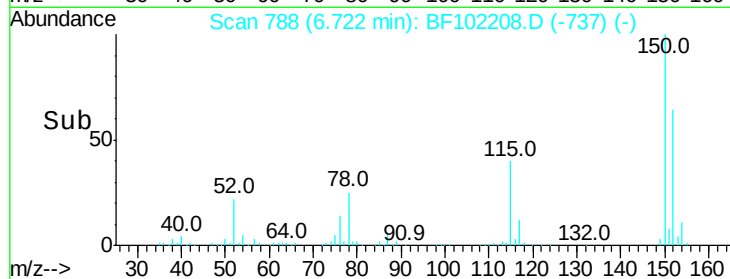
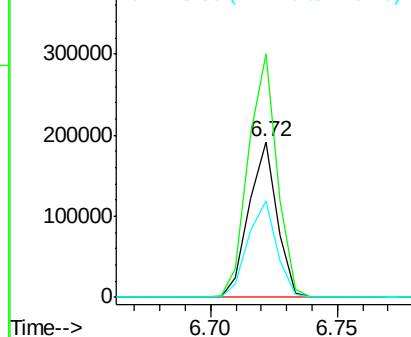
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 148741
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 61.9 50.1 75.1



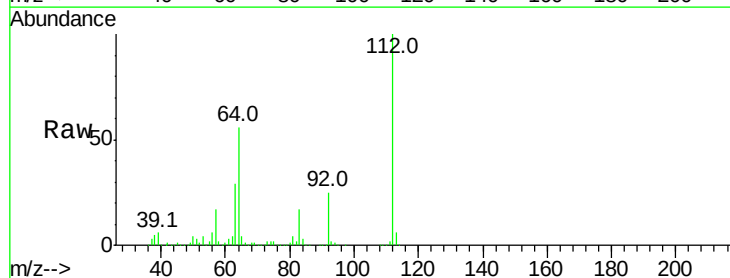
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



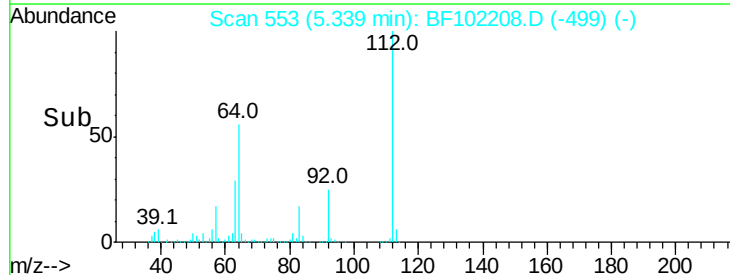
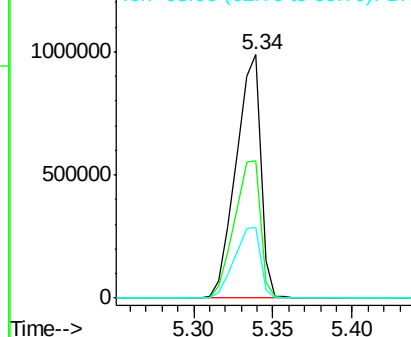
#5

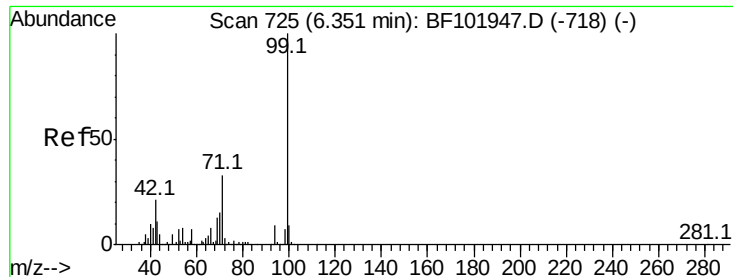
2-Fluorophenol
 Concen: 101.337 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Tgt Ion:112 Resp: 1067432
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.9 71.9
 63 29.3 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: 99.364 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

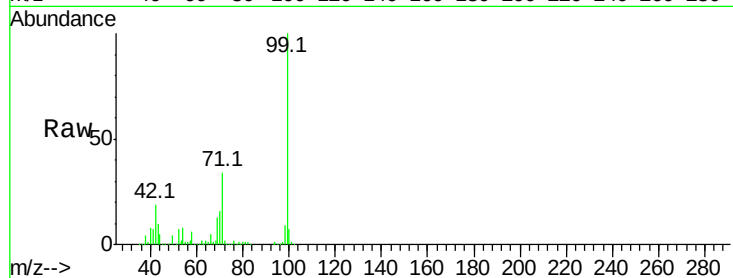
Tot Ion: 99 Resp: 1248760

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

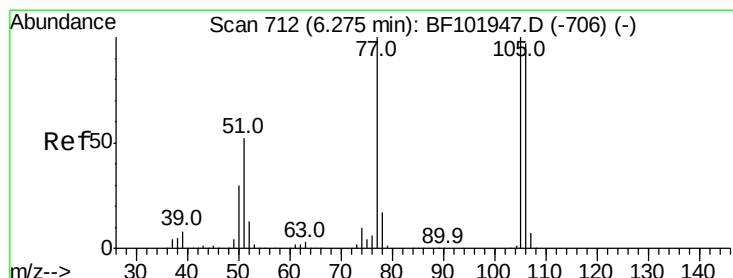
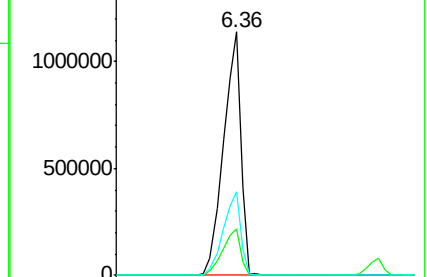
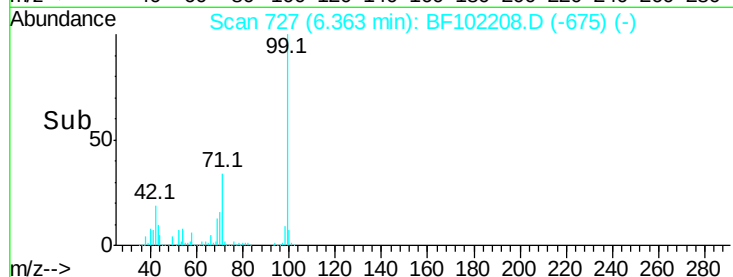
71 34.4 25.4 38.0



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: 2.582 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

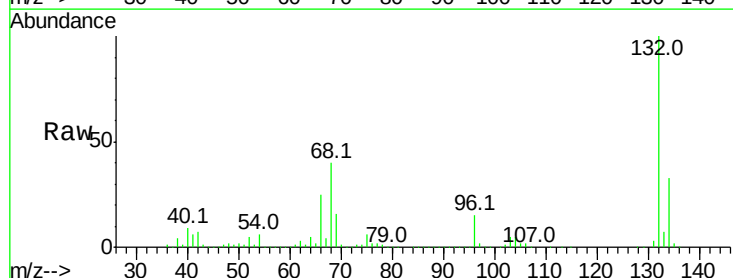
Tgt Ion: 77 Resp: 22528

Ion Ratio Lower Upper

77 100

105 84.8 81.1 121.1

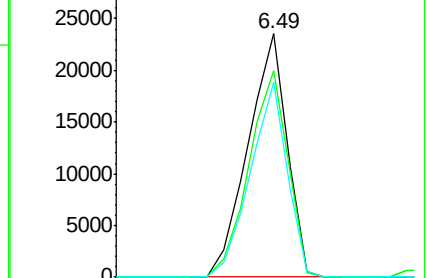
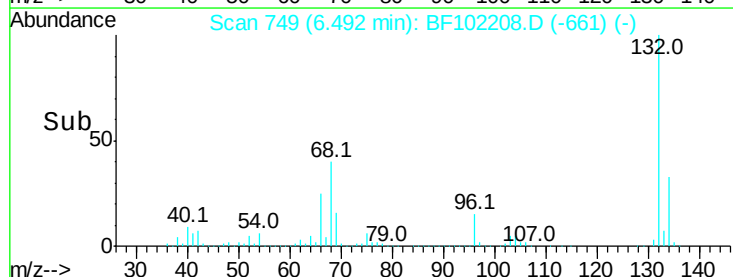
106 80.3 74.5 114.5

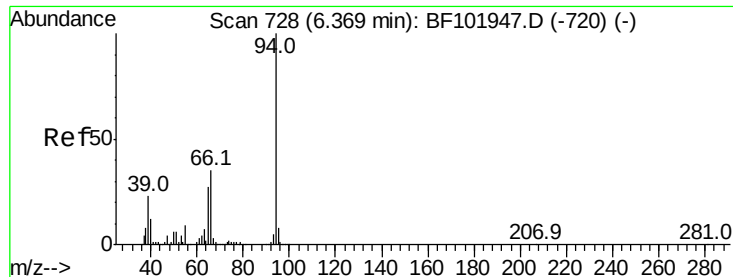


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.739 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

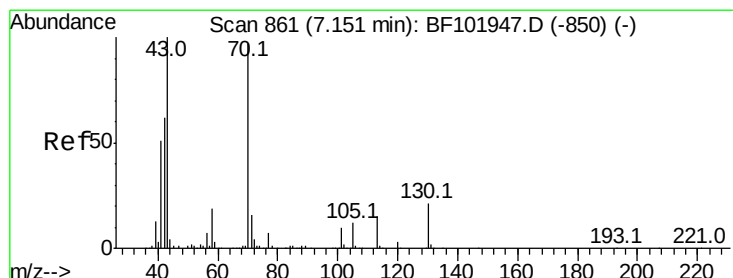
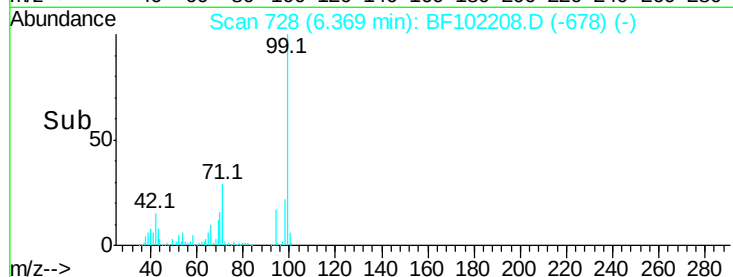
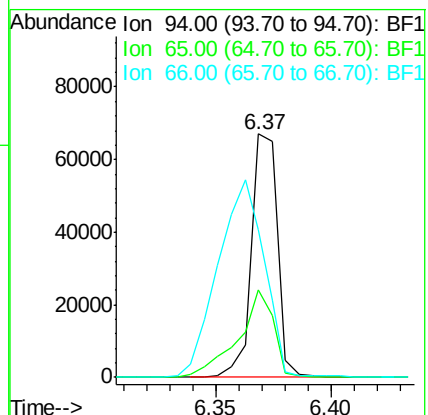
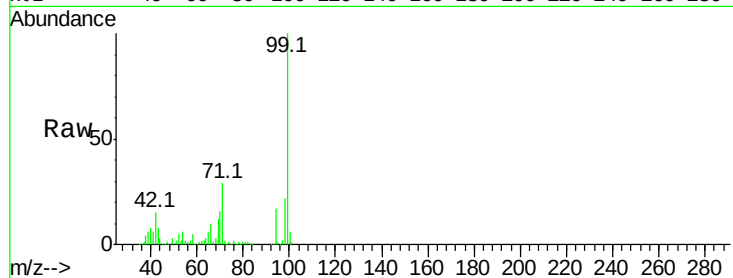
Tot Ion: 94 Resp: 53101

Ion Ratio Lower Upper

94 100

65 36.0 7.9 47.9

66 60.8 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.600 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Tgt Ion: 70 Resp: 103775

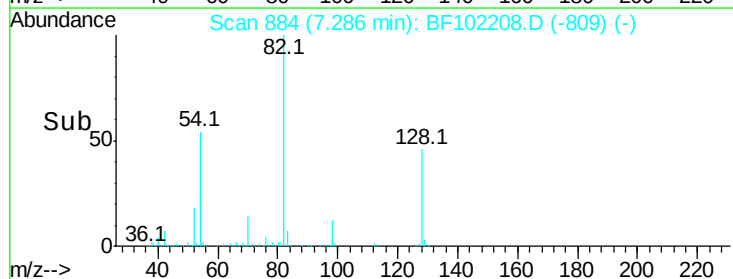
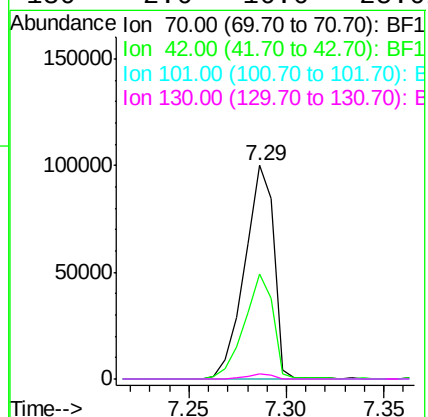
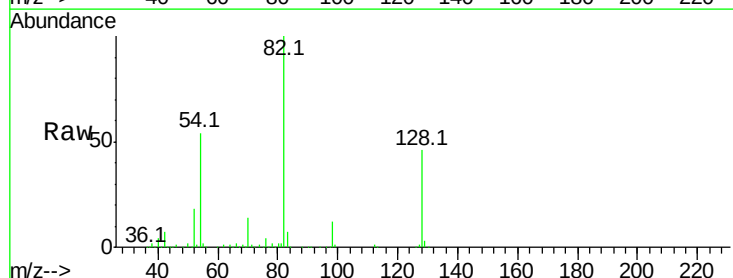
Ion Ratio Lower Upper

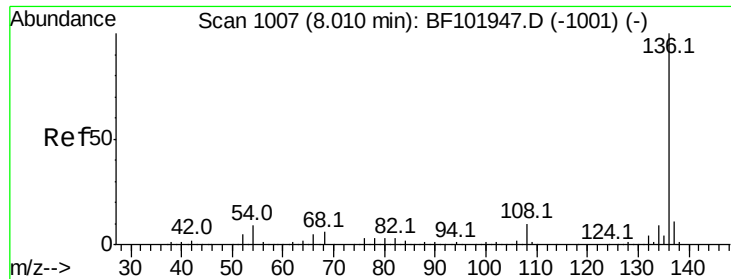
70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

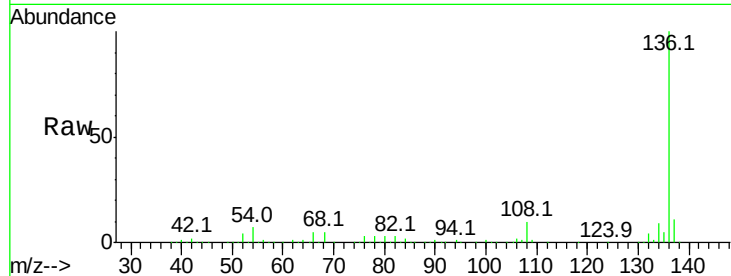




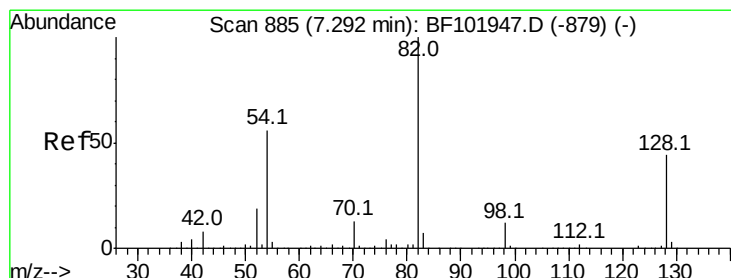
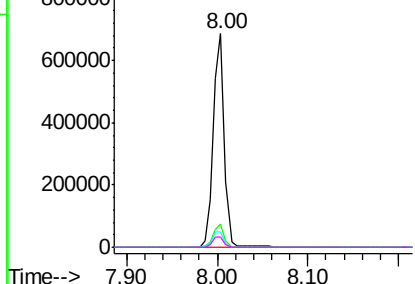
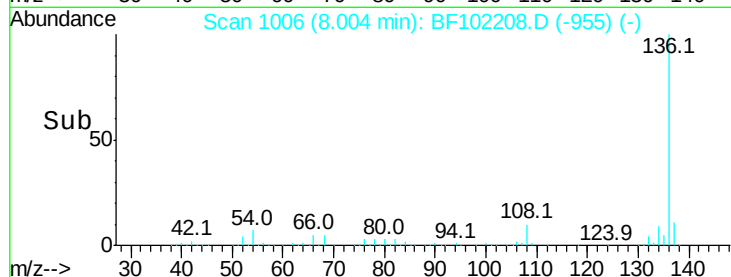
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	587974
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	5.1	5.0	7.4

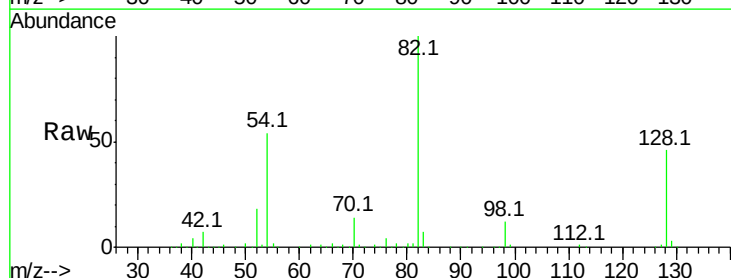


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

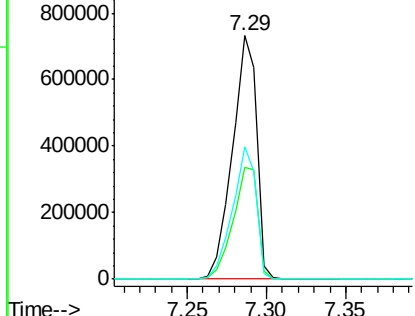
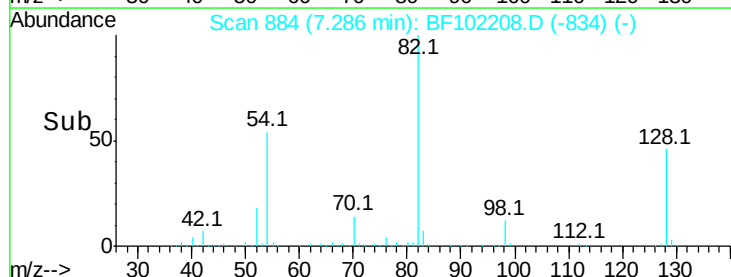


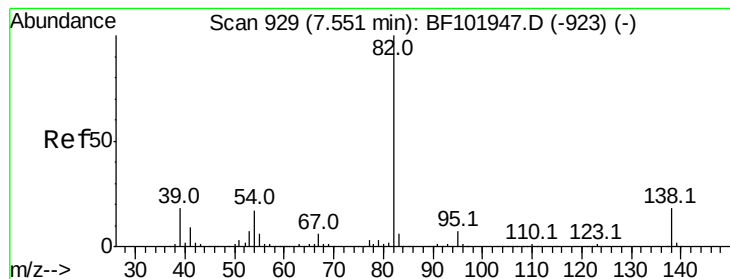
#23
Nitrobenzene-d5
Concen: 77.347 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102208.D
Acq: 18 Jan 2018 22:47

Tgt Ion:	82	Resp:	773907
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.5	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: 38.841 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Instrument :

BNA_F

ClientSampled :

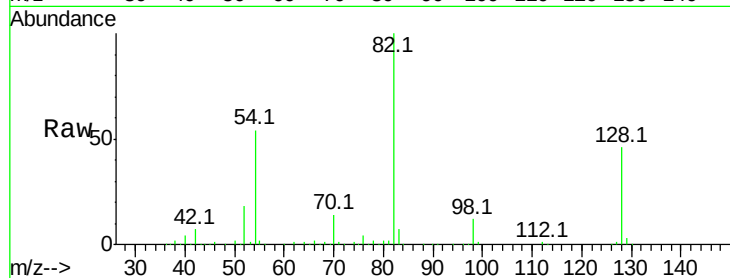
Tot Ion: 82 Resp: 767900

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

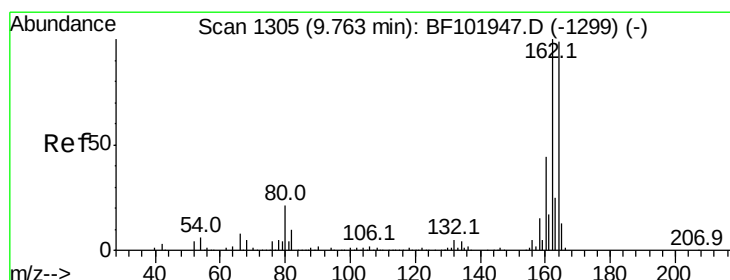
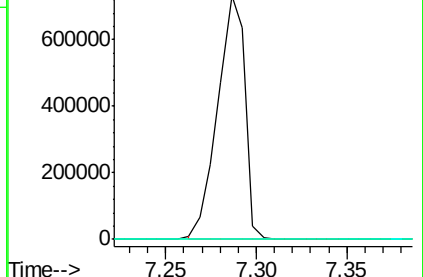
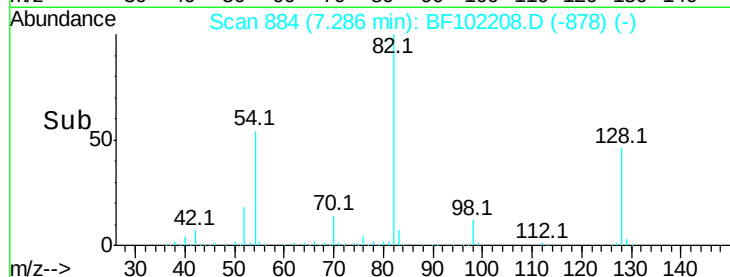
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

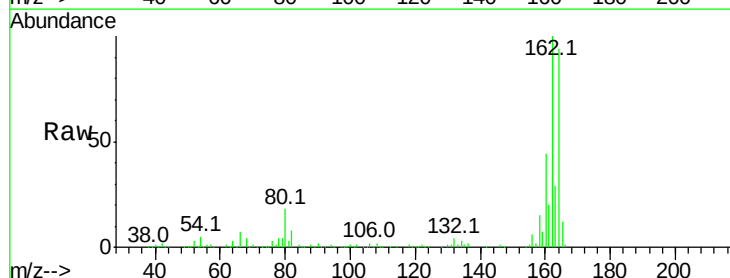
Tgt Ion: 164 Resp: 226566

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

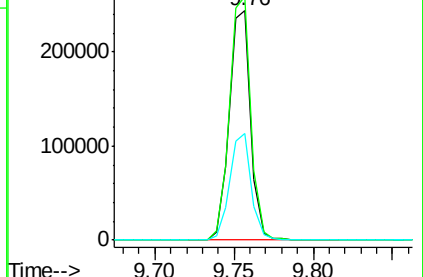
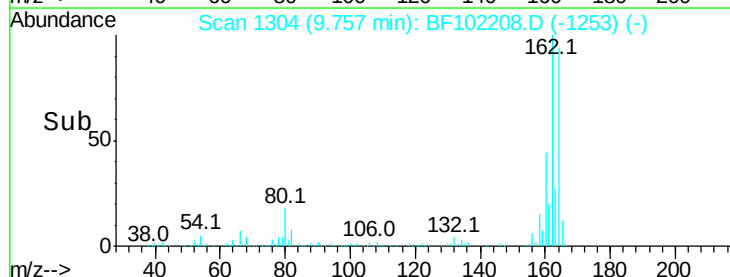
160 46.6 38.3 57.5

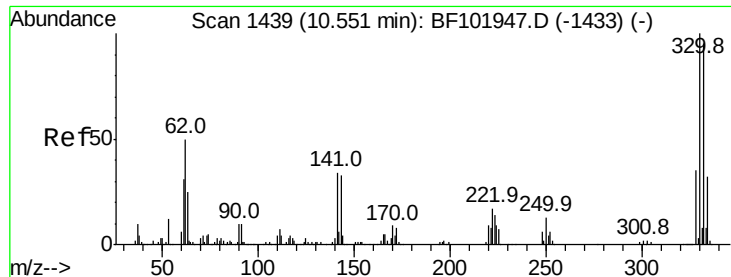


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

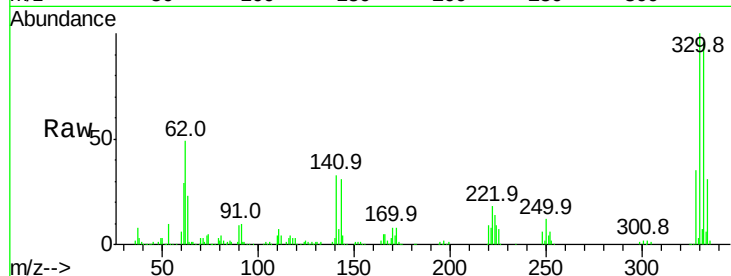




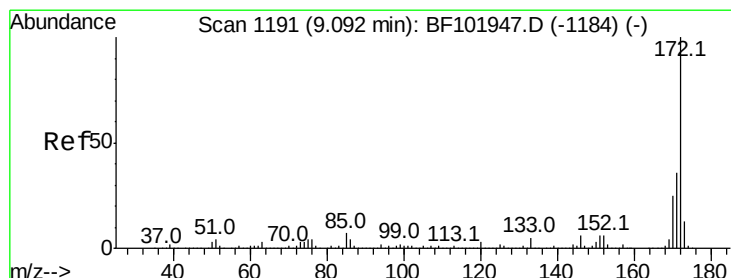
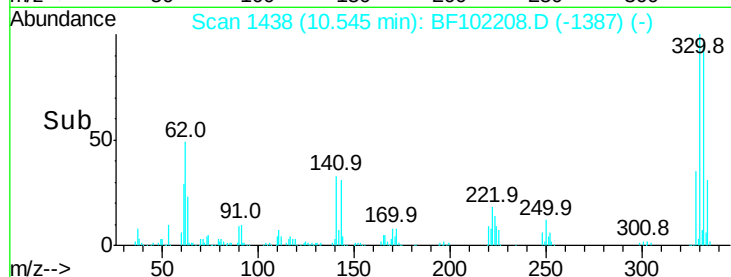
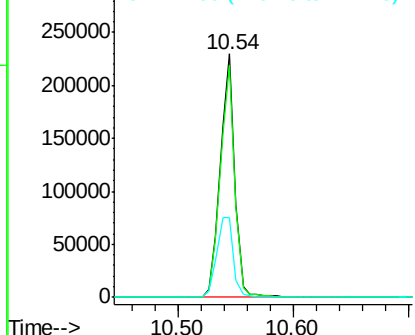
#41
 2,4,6-Tribromophenol
 Concen: 101.281 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 200254
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 37.7 29.9 44.9

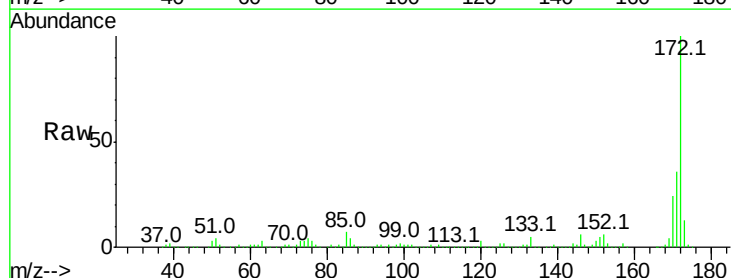


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

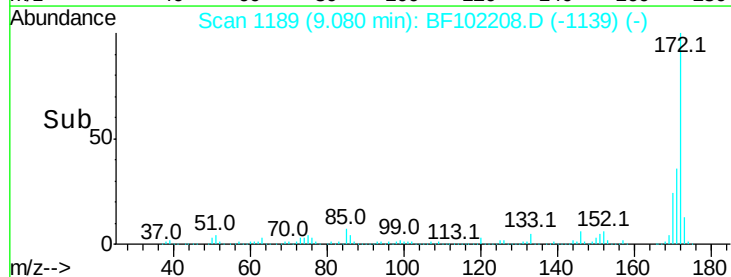
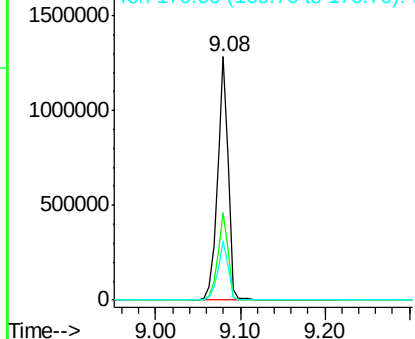


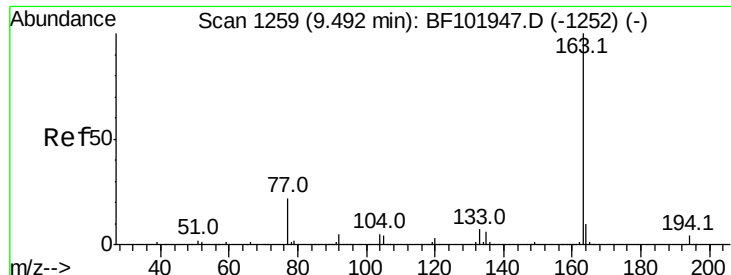
#44
 2-Fluorobiphenyl
 Concen: 80.365 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Tgt Ion:172 Resp: 1165474
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 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: 10.140 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

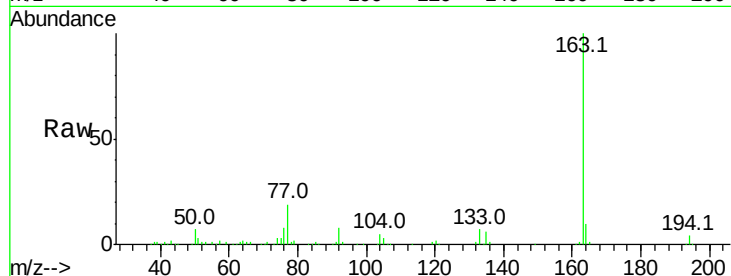
Tot Ion:163 Resp: 184293

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

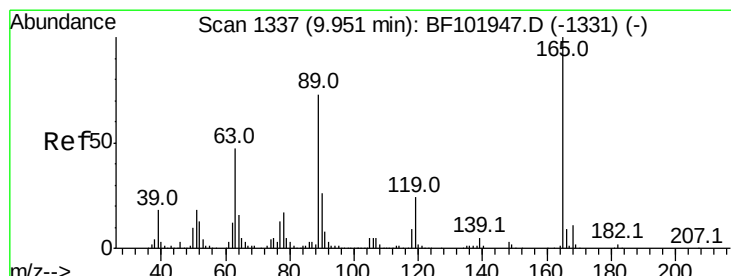
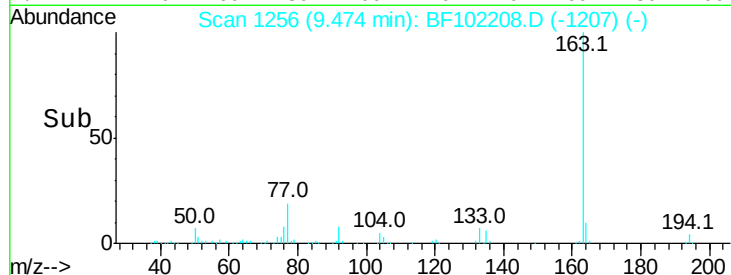
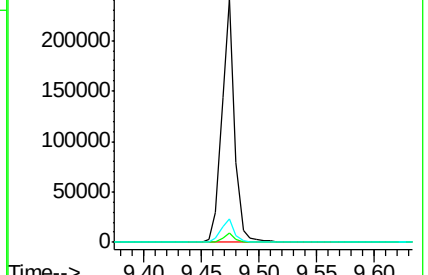
164 9.9 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.328 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Tgt Ion:165 Resp: 28797

Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.0 57.8 86.6#

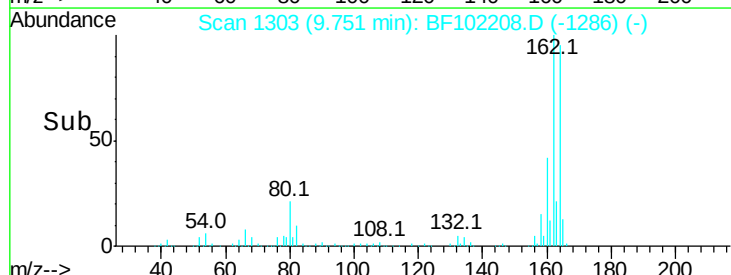
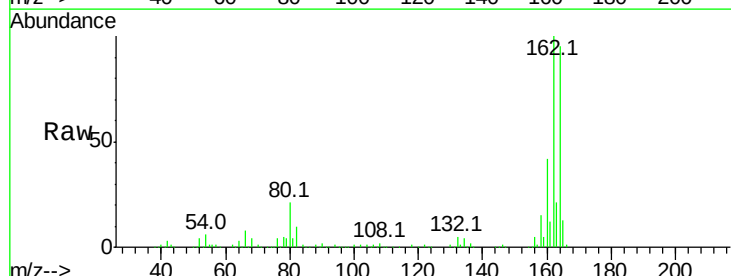
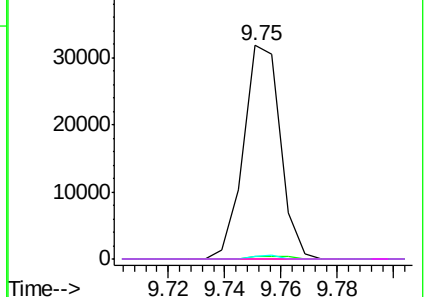
182 0.0 1.6 2.4#

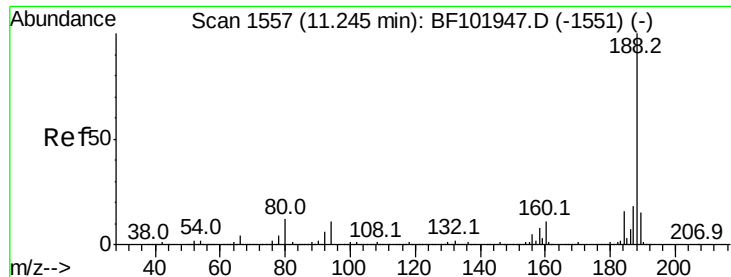
Abundance Ion 165.00 (164.70 to 165.70): E

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

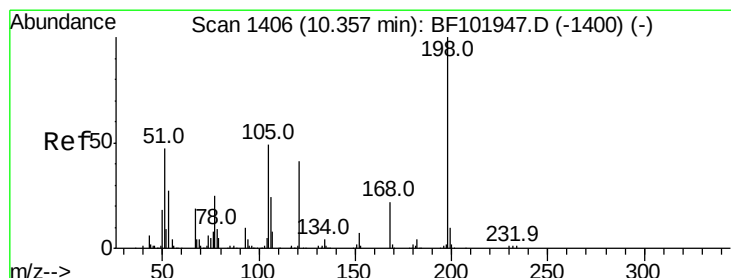
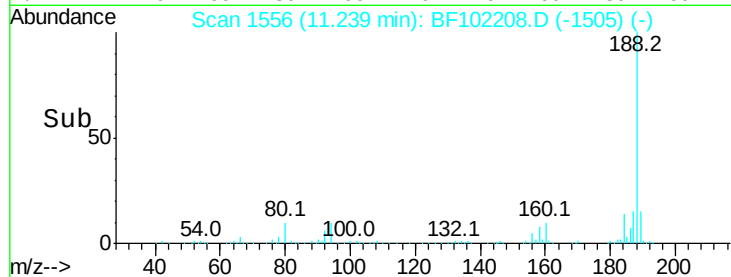
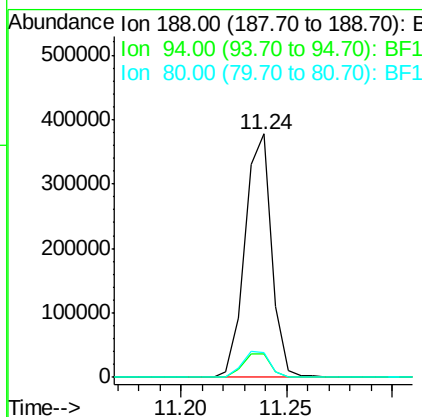
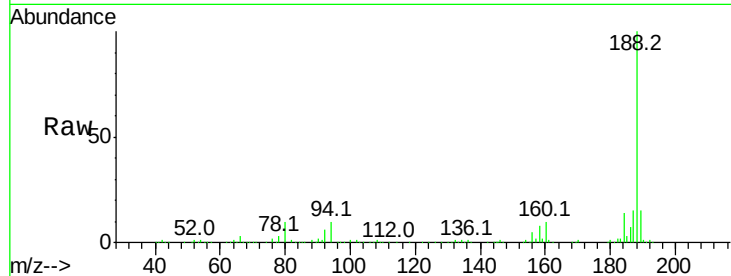




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

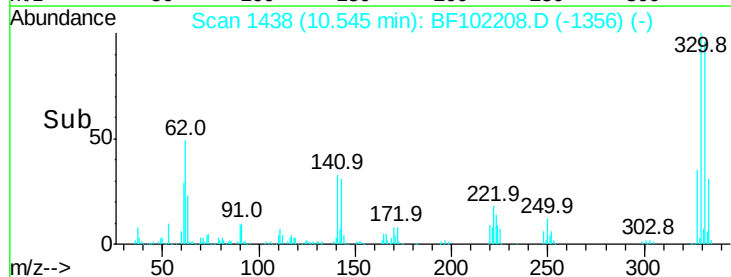
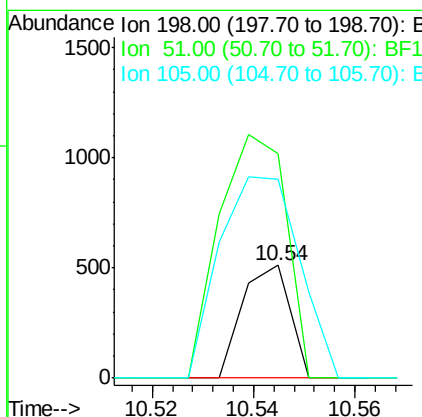
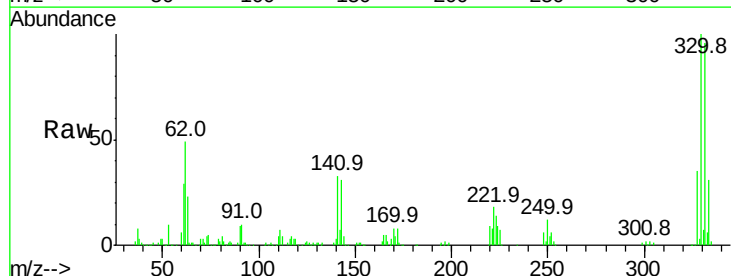
Instrument :
 BNA_F
 ClientSampleId :

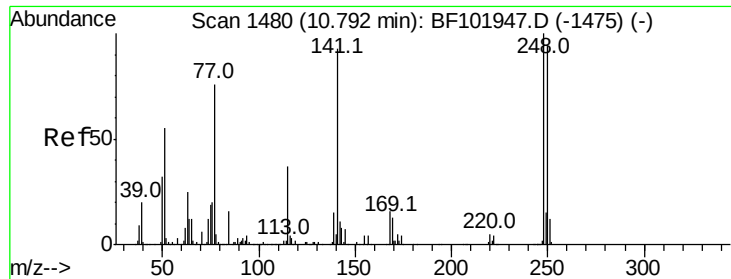
Tot Ion:188 Resp: 330779
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.826 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Tgt Ion:198 Resp: 334
 Ion Ratio Lower Upper
 198 100
 51 198.8 37.7 77.7#
 105 176.6 36.3 76.3#

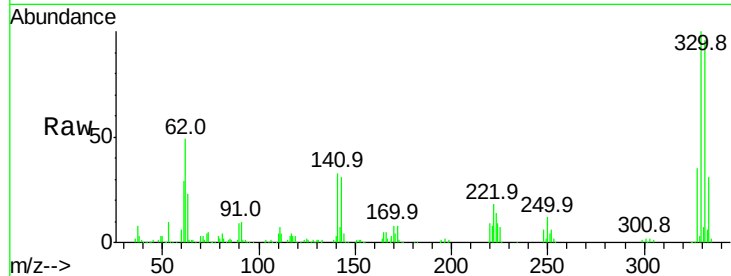




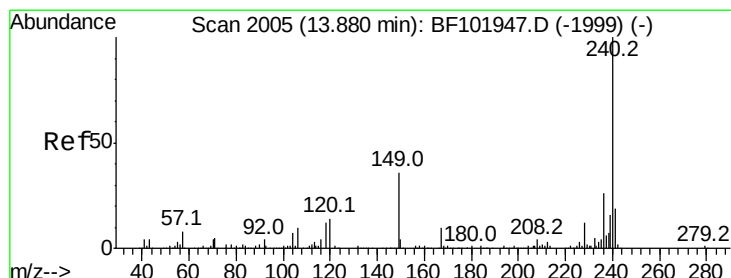
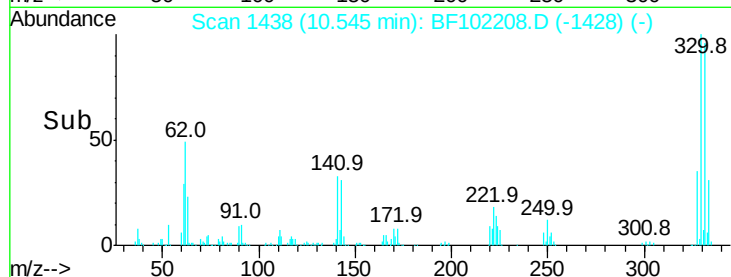
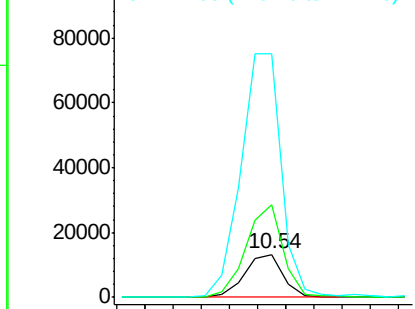
#66
 4-Bromophenyl-phenylether
 Concen: 3.547 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12389
 Ion Ratio Lower Upper
 248 100
 250 216.5 76.9 115.3#
 141 567.7 74.4 111.6#

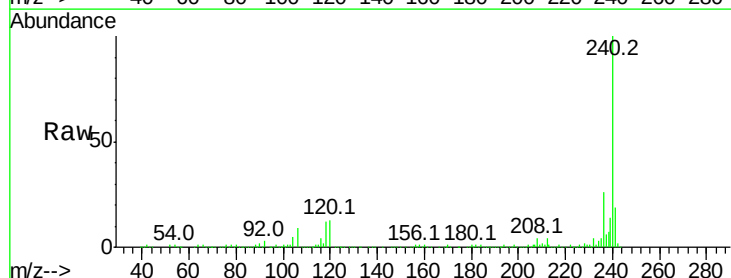


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

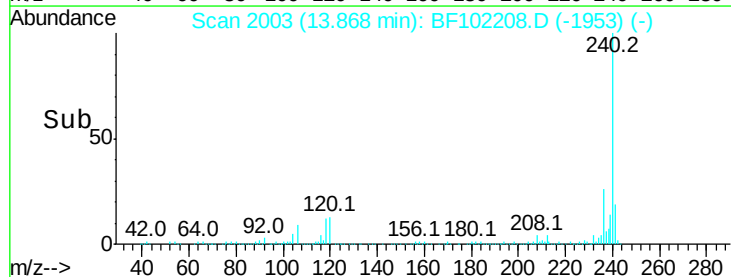
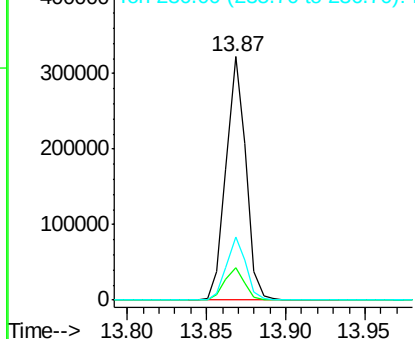


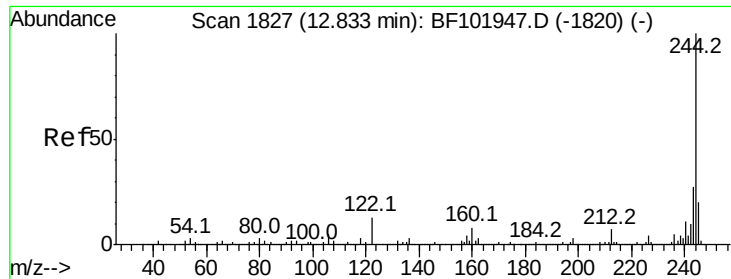
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102208.D
 Acq: 18 Jan 2018 22:47

Tgt Ion:240 Resp: 280647
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.927 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Instrument :

BNA_F

ClientSampleId :

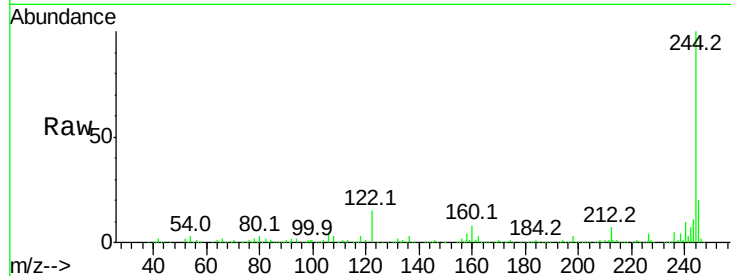
Tot Ion:244 Resp: 810025

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

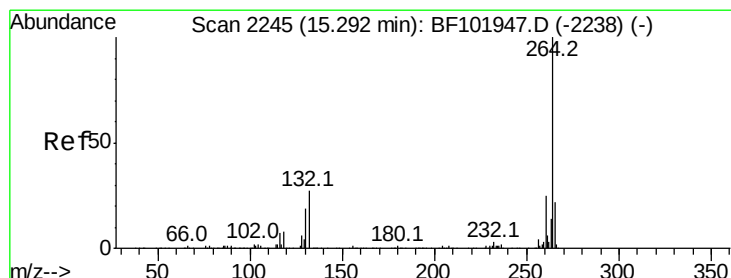
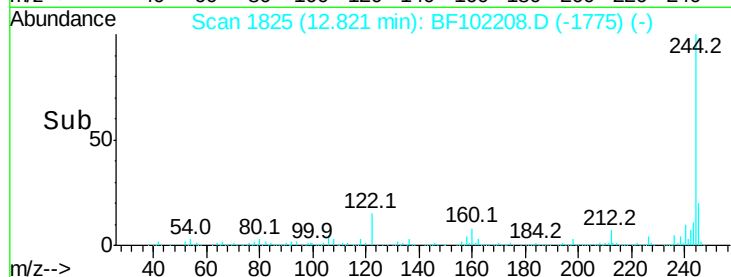
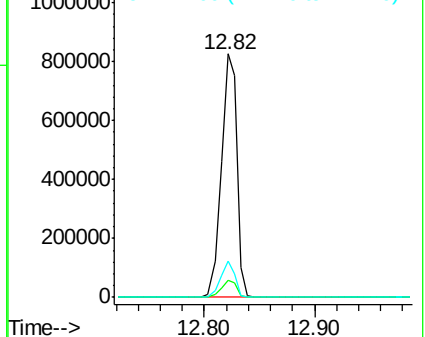
122 14.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

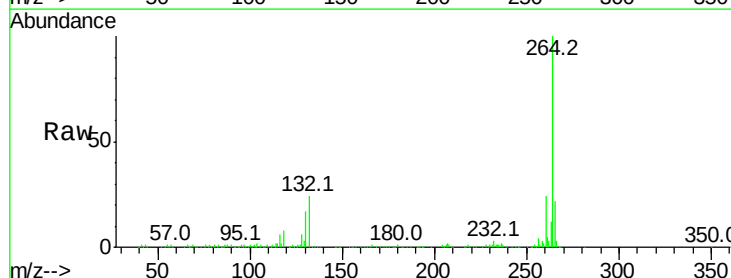
Tgt Ion:264 Resp: 237868

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

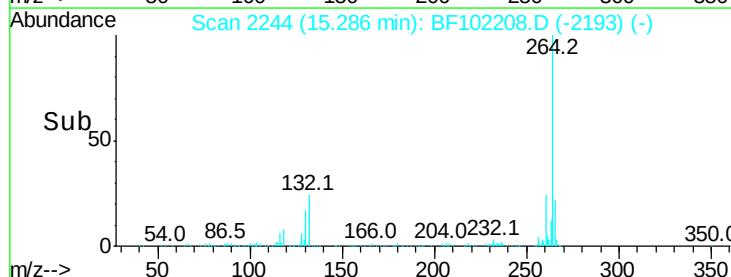
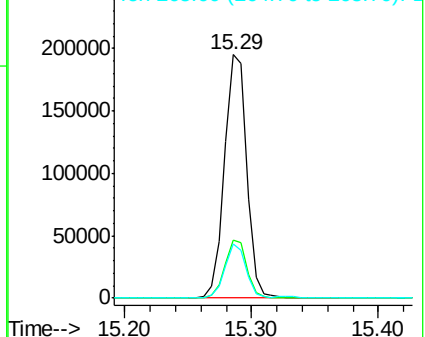
265 22.2 17.5 26.3

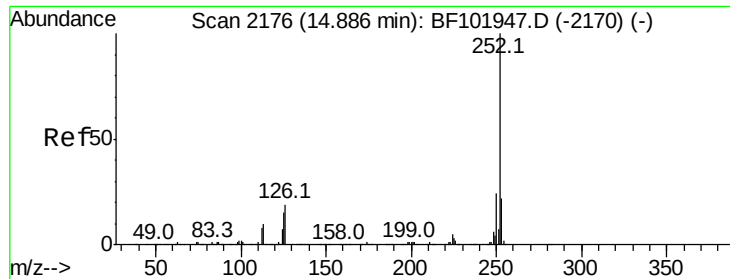


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.278 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

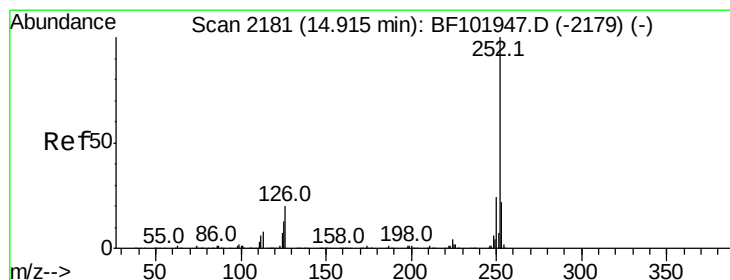
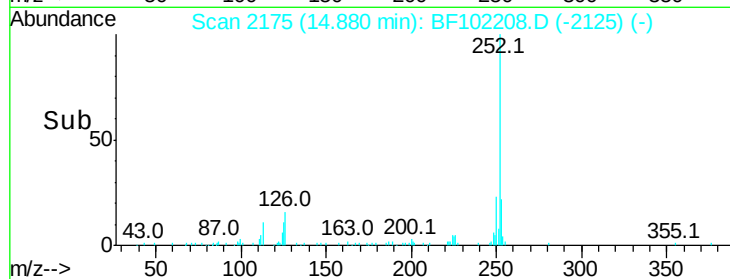
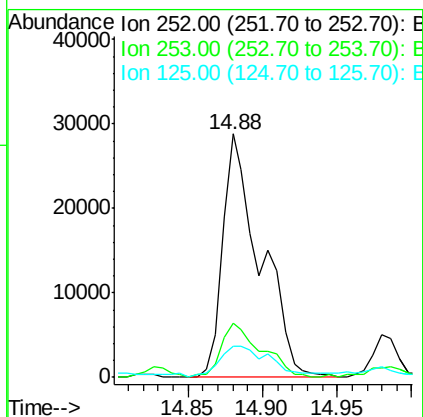
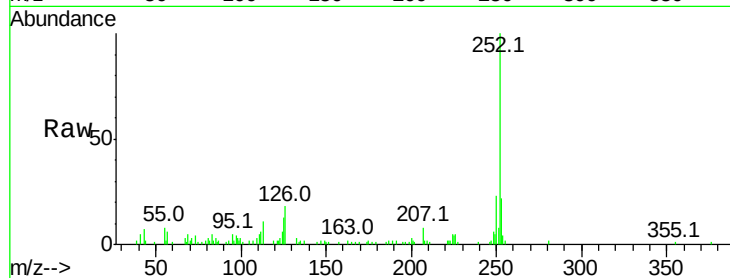
Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 50841

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.8	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 3.398 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF102208.D

Acq: 18 Jan 2018 22:47

Tgt Ion:252 Resp: 50841

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.8	10.2	15.2

