

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102357.D
 Acq On : 23 Jan 2018 22:12
 Operator : SJ/JU
 Sample : J1022-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:46:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

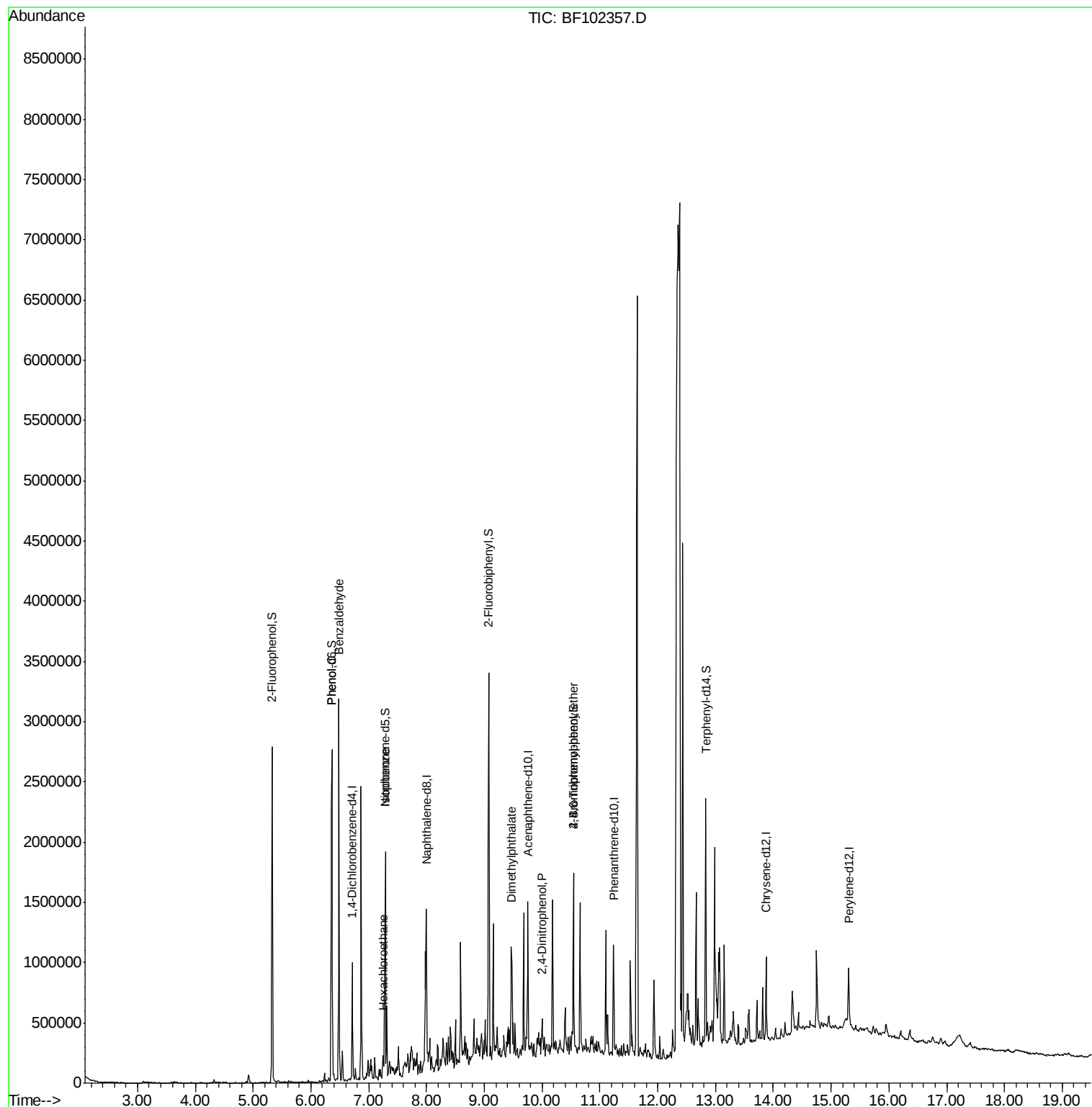
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137521	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559315	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	231433	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	338574	20.00	ng	0.00
75) Chrysene-d12	13.87	240	254381	20.00	ng	0.00
86) Perylene-d12	15.30	264	193862	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	883096	97.37	ng	0.00
7) Phenol-d6	6.36	99	1060951	97.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	650737	66.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	179999	78.49	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1061829	67.46	ng	0.00
78) Terphenyl-d14	12.83	244	688646	61.03	ng	0.01
Target Compounds						
9) Benzaldehyde	6.49	77	18877	2.504	ng	83
10) Phenol	6.37	94	35669	2.988	ng	# 68
18) Hexachloroethane	7.25	117	8611	2.182	ng	# 1
25) Isophorone	7.29	82	642412	37.024	ng	# 64
49) Dimethylphthalate	9.47	163	211030	11.032	ng	99
53) 2,4-Dinitrophenol	10.00	184	175	3.786	ng	# 58
66) 4-Bromophenyl-phenylether	10.54	248	12780	3.506	ng	# 1

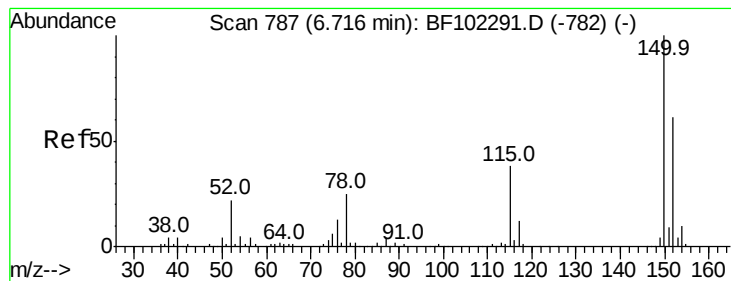
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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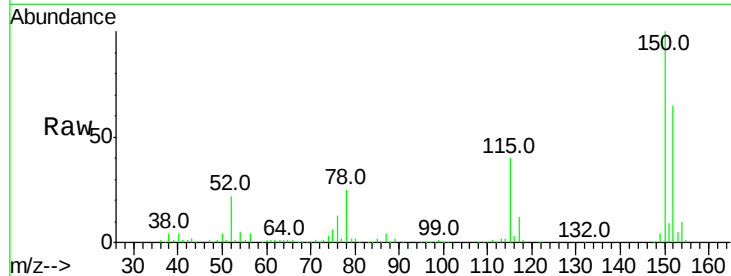


#1

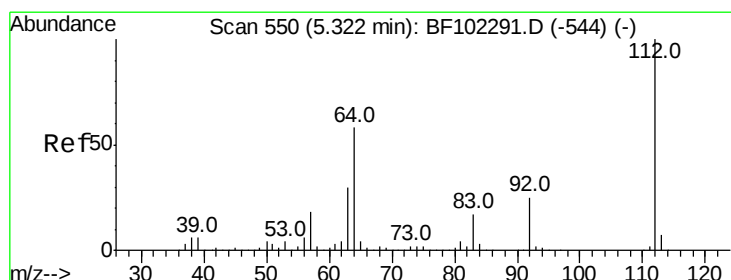
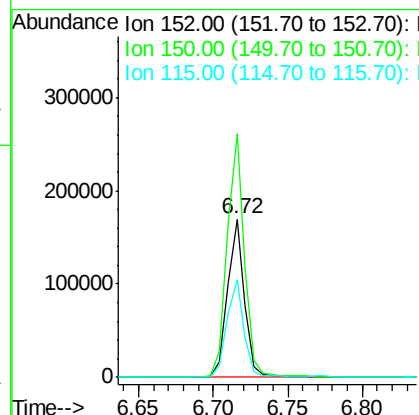
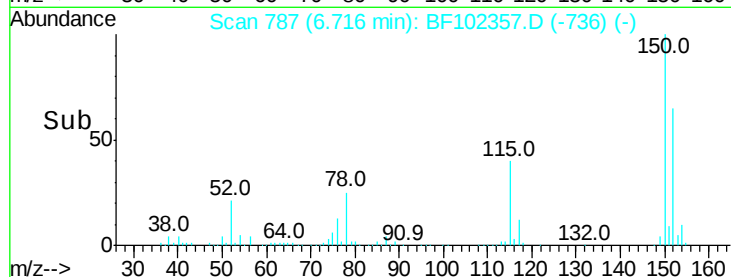
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102357.D
Acq: 23 Jan 2018 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137521
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.6 50.1 75.1



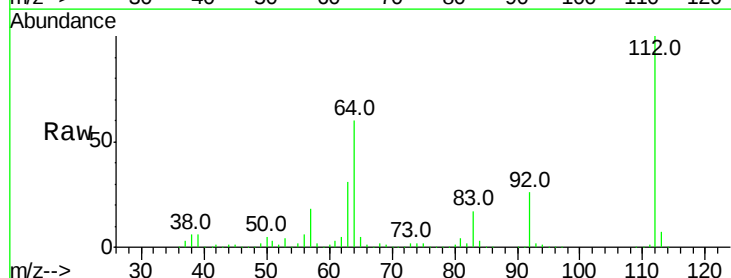
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



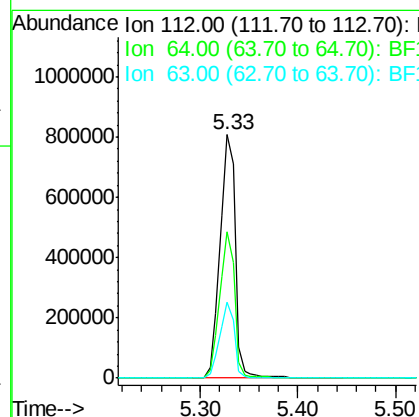
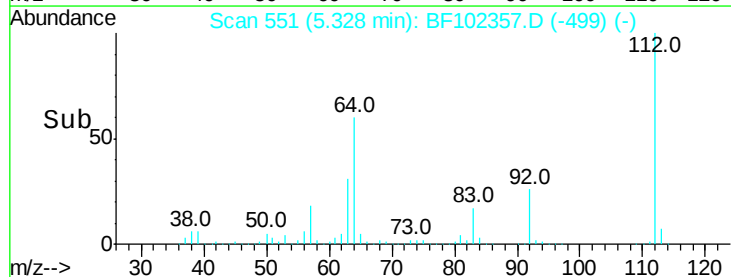
#5

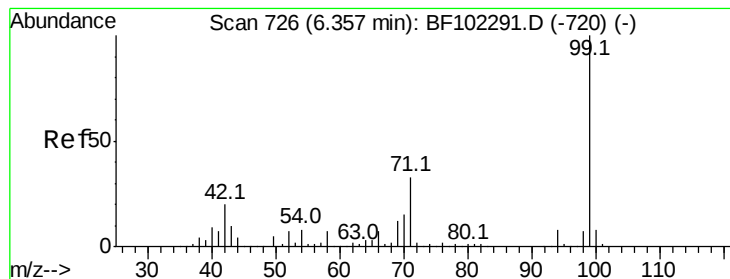
2-Fluorophenol
Concen: 97.367 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102357.D
Acq: 23 Jan 2018 22:12

Tgt Ion:112 Resp: 883096
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.5 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: 97.029 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

Instrument :

BNA_F

ClientSampleId :

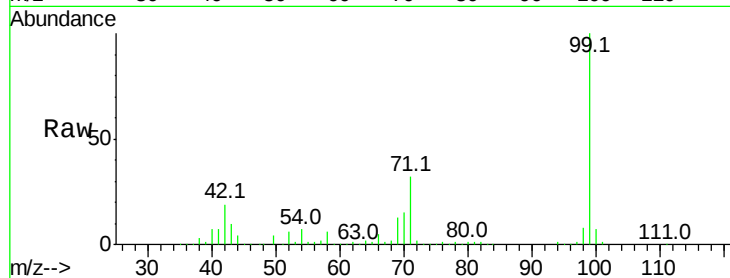
Tot Ion: 99 Resp: 1060951

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

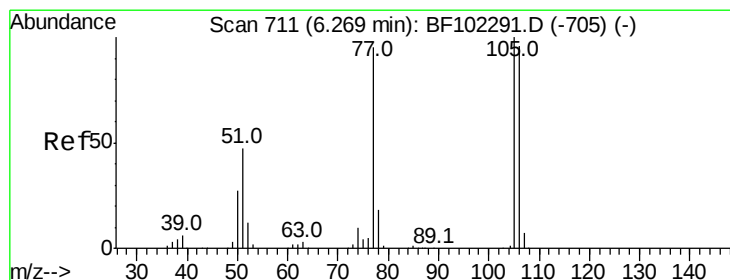
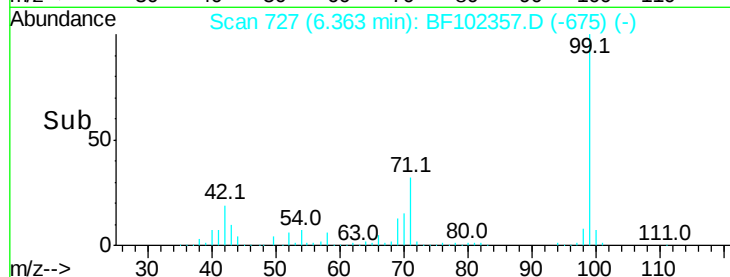
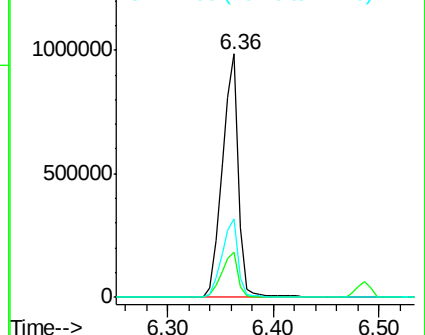
71 32.4 25.4 38.0



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: 2.504 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

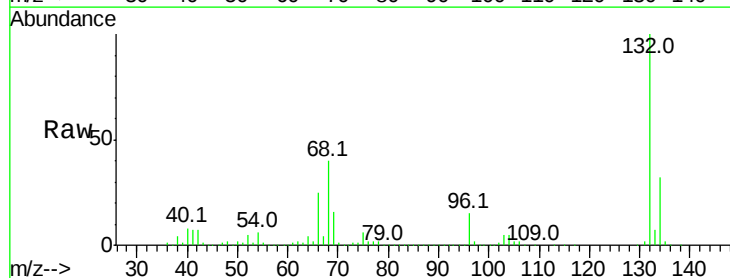
Tgt Ion: 77 Resp: 18877

Ion Ratio Lower Upper

77 100

105 84.4 81.1 121.1

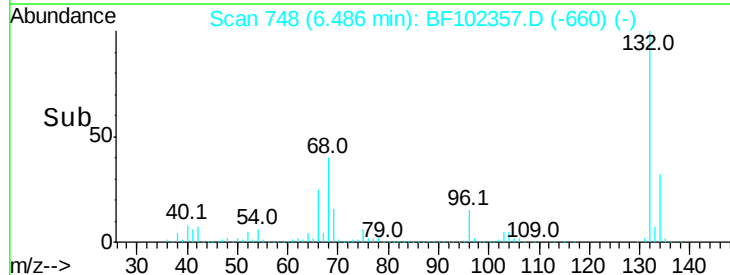
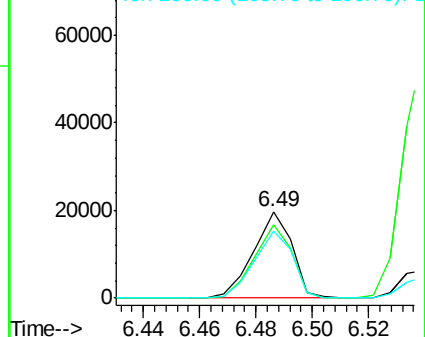
106 77.3 74.5 114.5

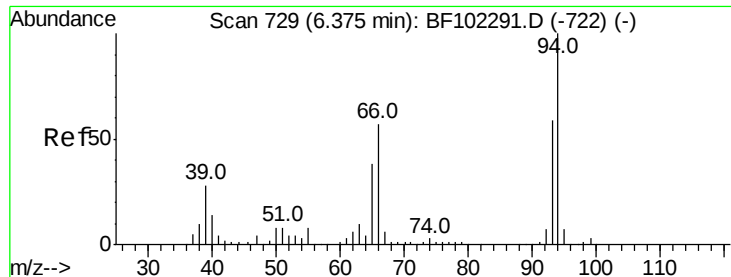


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

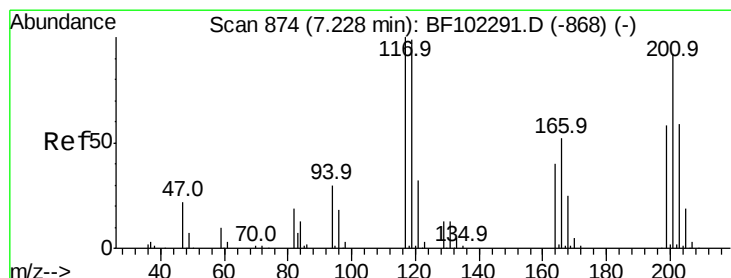
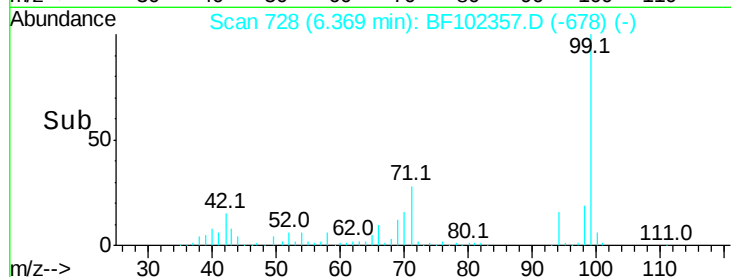
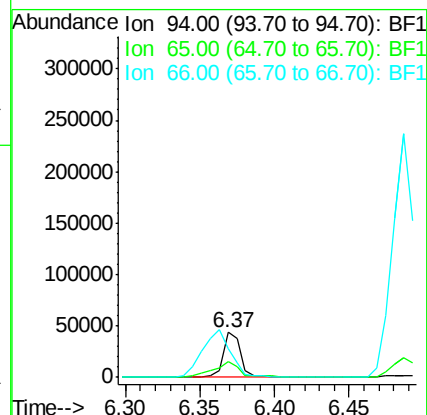
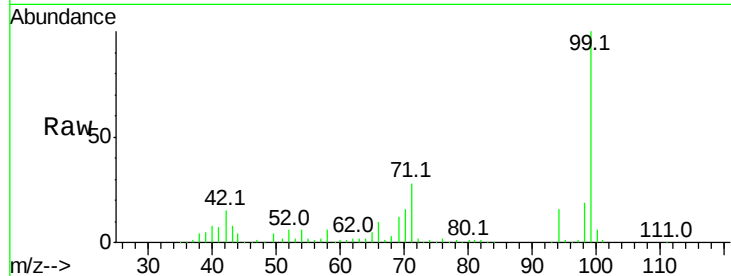




#10
Phenol
Concen: 2.988 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102357.D
Acq: 23 Jan 2018 22:12

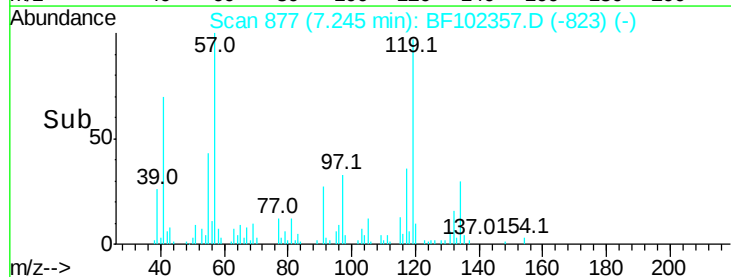
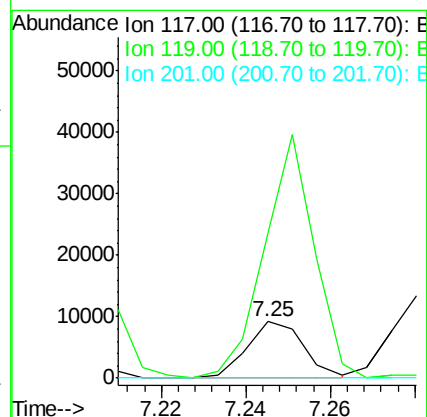
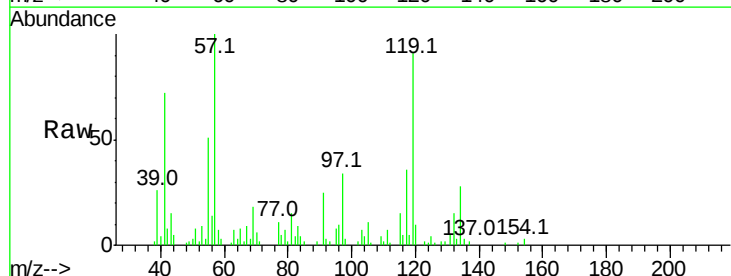
Instrument :
BNA_F
ClientSampleId :

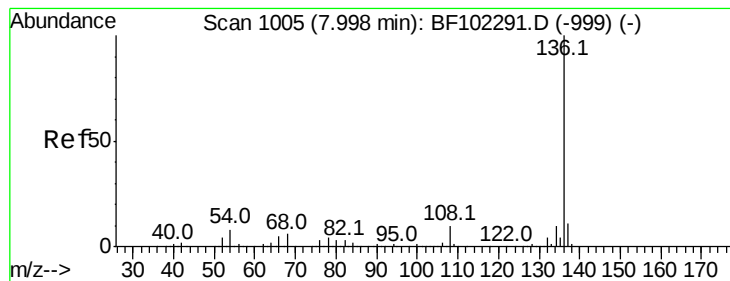
Tot Ion: 94 Resp: 35669
Ion Ratio Lower Upper
94 100
65 34.8 7.9 47.9
66 63.3 16.2 56.2#



#18
Hexachloroethane
Concen: 2.182 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF102357.D
Acq: 23 Jan 2018 22:12

Tgt Ion: 117 Resp: 8611
Ion Ratio Lower Upper
117 100
119 255.7 75.8 113.8#
201 0.0 75.7 113.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 559315

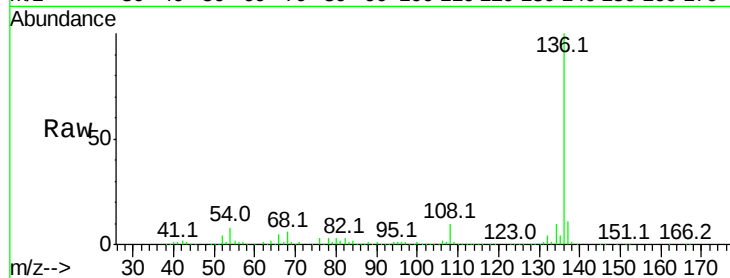
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 5.7 5.0 7.4

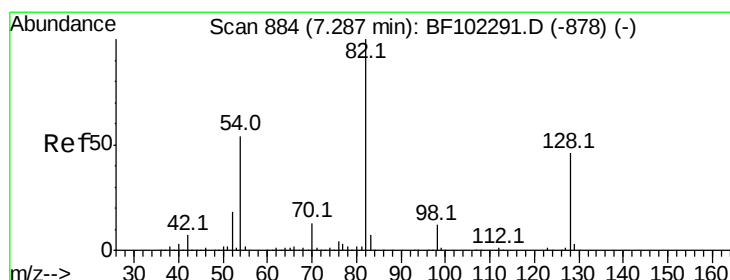
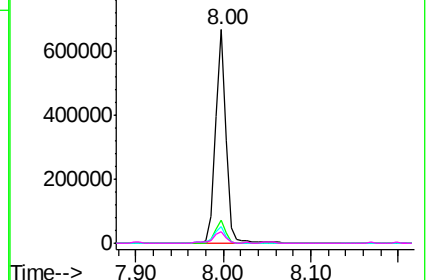
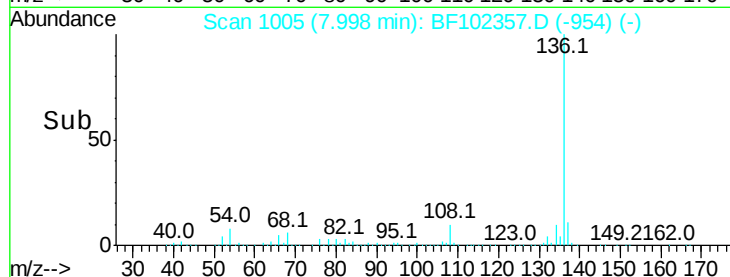


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.860 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

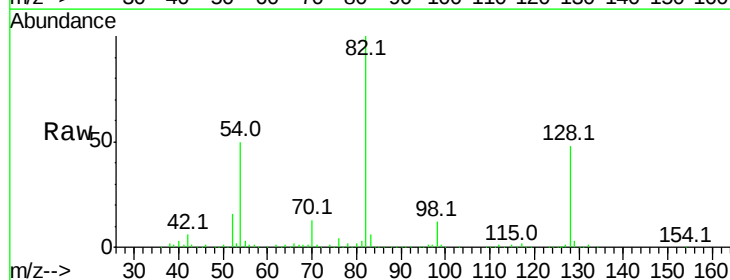
Tgt Ion: 82 Resp: 650737

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

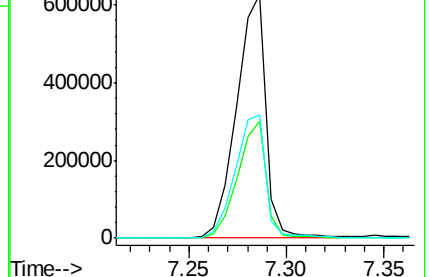
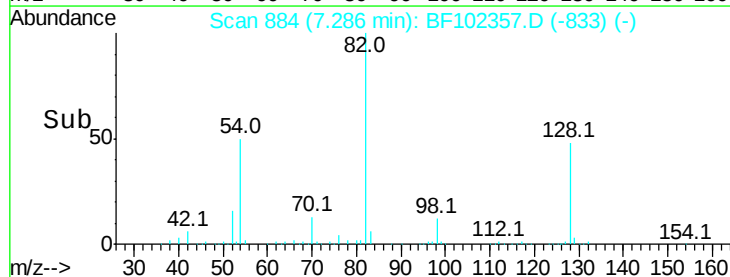
54 50.5 41.4 62.2

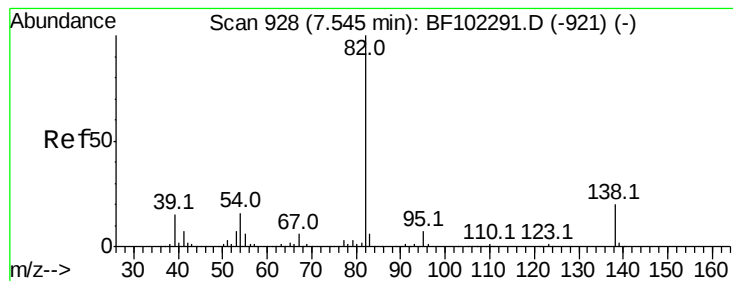


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.024 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

Instrument :

BNA_F

ClientSampled :

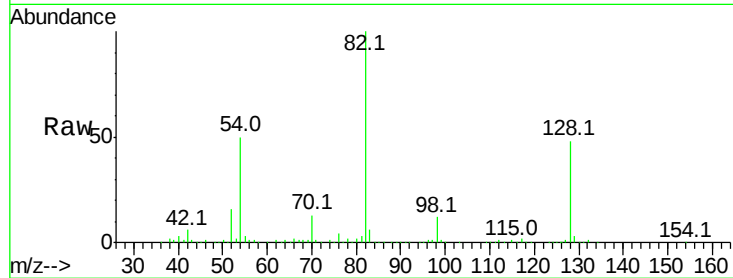
Tot Ion: 82 Resp: 642412

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

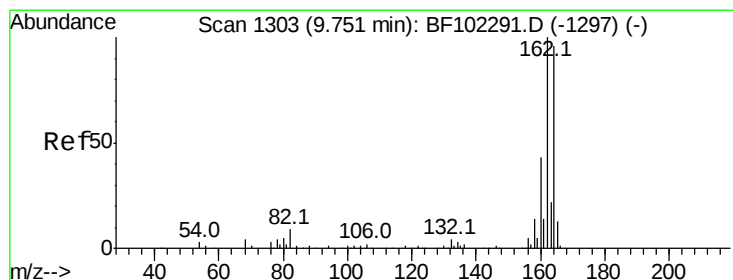
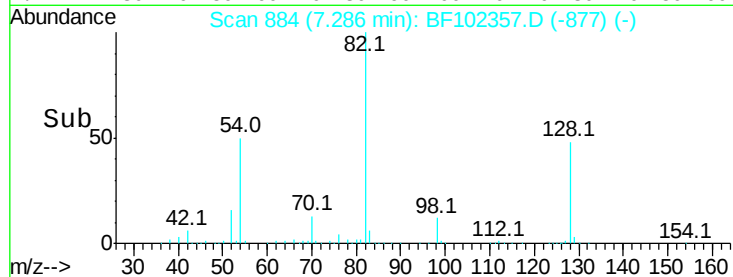
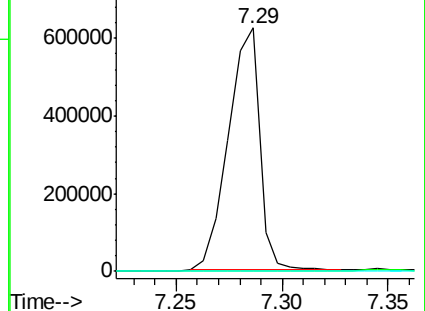
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

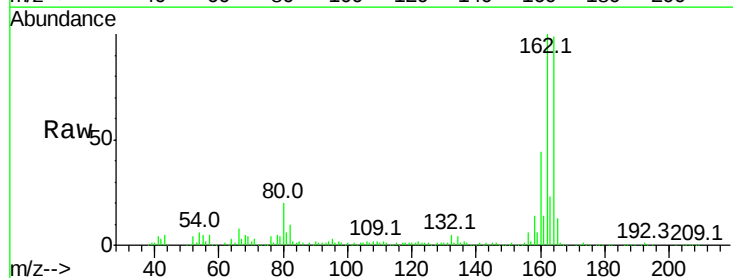
Tgt Ion:164 Resp: 231433

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

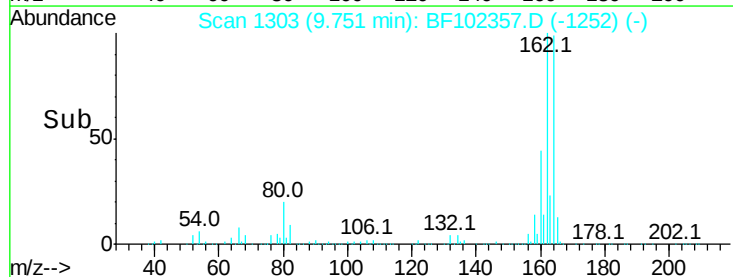
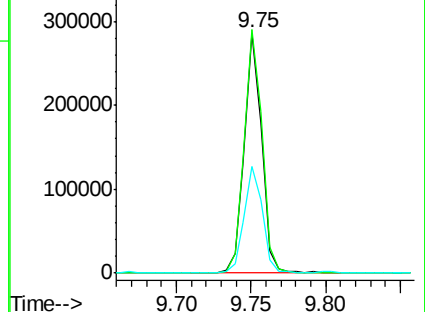
160 44.4 38.3 57.5

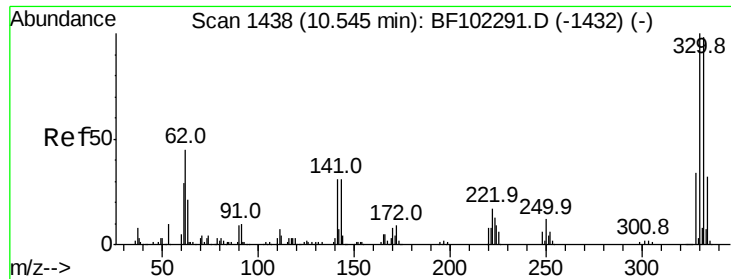


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 78.494 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

Instrument :

BNA_F

ClientSampled :

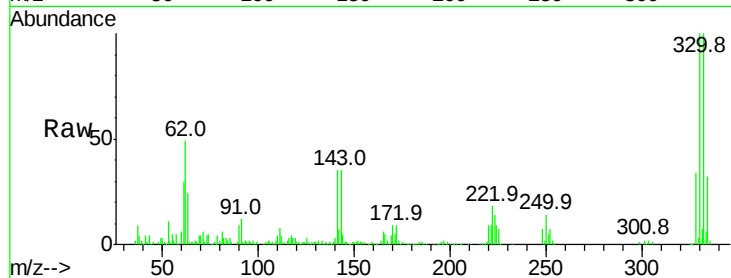
Tot Ion:330 Resp: 179999

Ion Ratio Lower Upper

330 100

332 99.1 77.0 115.6

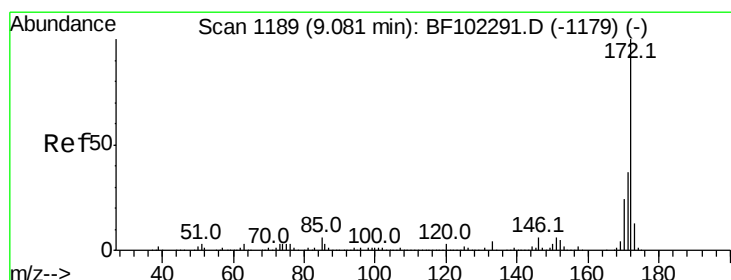
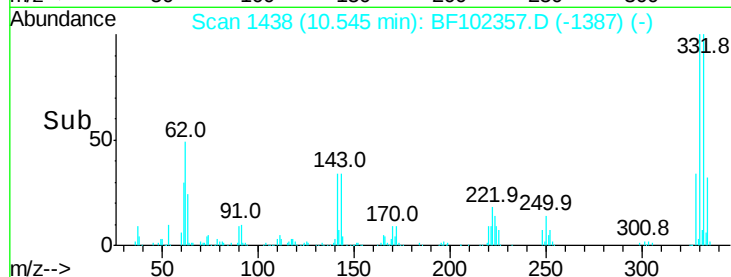
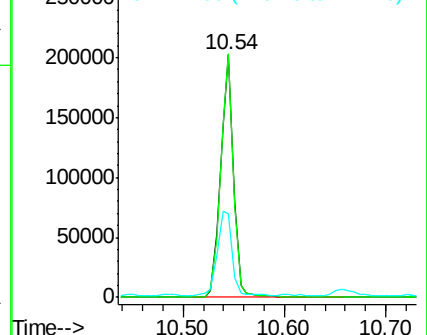
141 40.5 29.9 44.9



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: 67.461 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

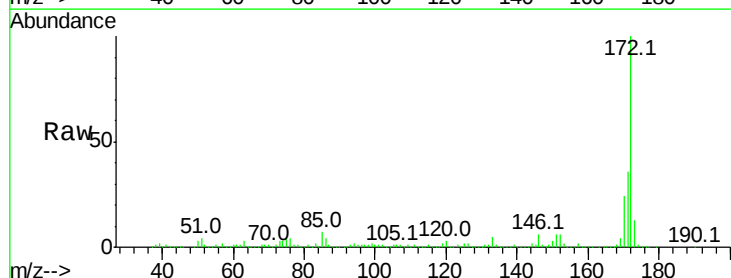
Tgt Ion:172 Resp: 1061829

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

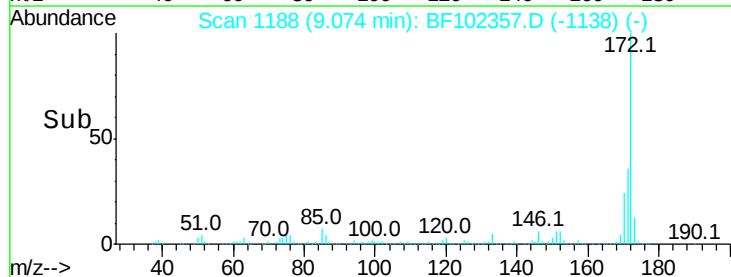
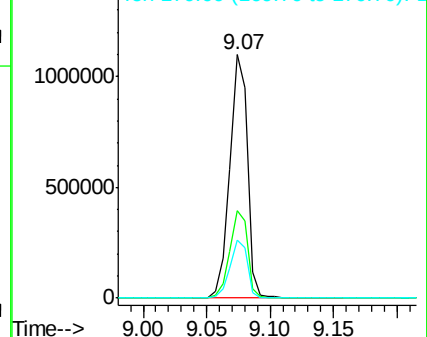
170 24.0 19.6 29.4

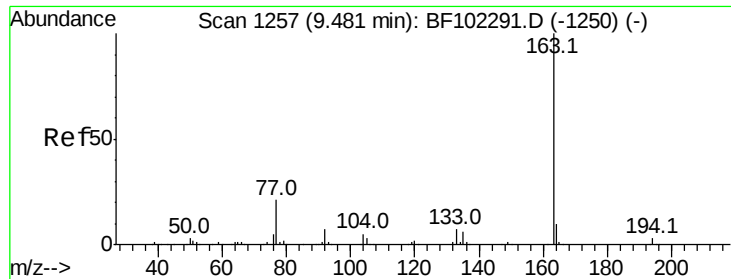


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

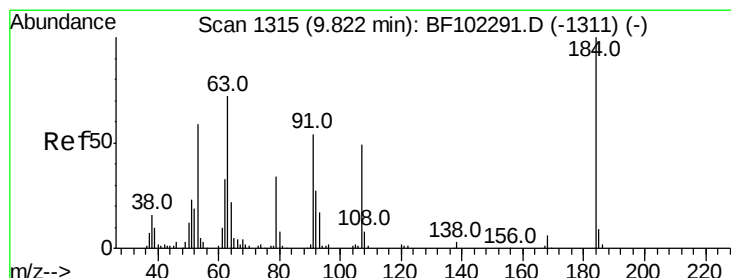
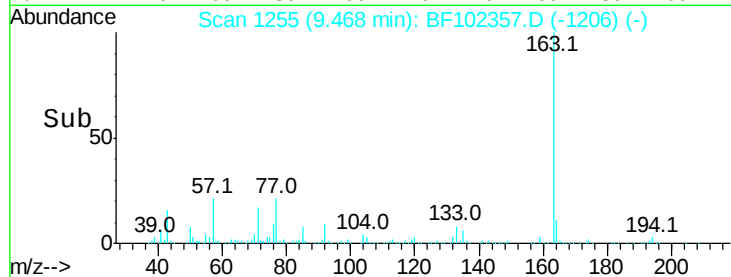
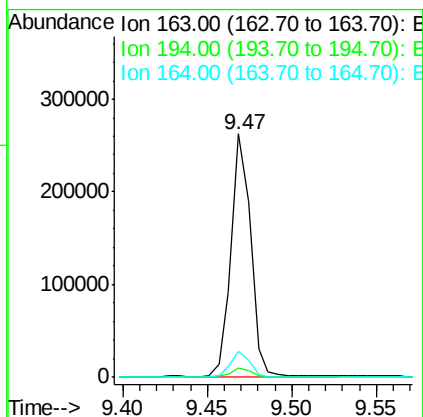
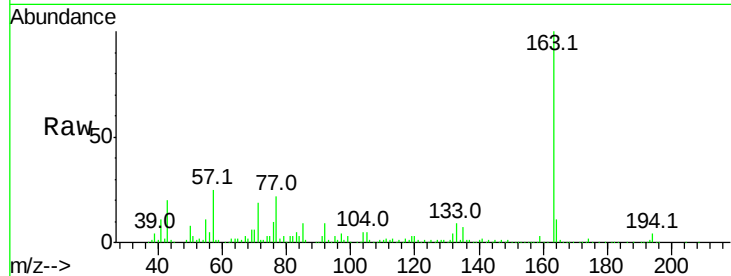




#49
 Dimethylphthalate
 Concen: 11.032 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102357.D
 Acq: 23 Jan 2018 22:12

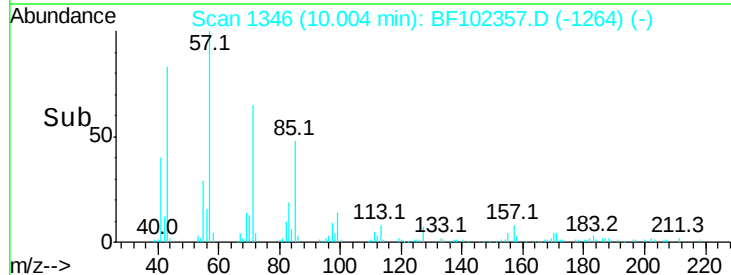
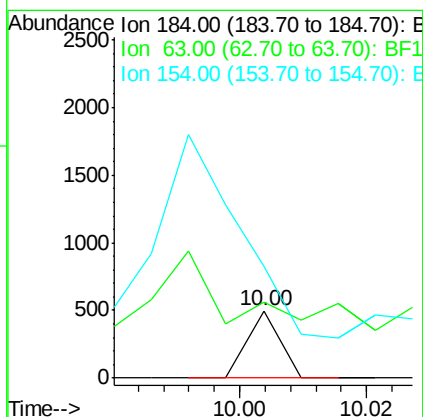
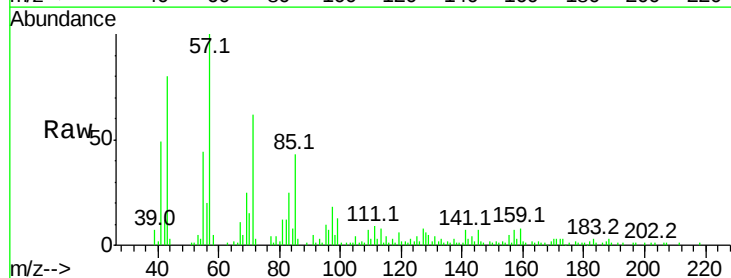
Instrument :
 BNA_F
 ClientSampleId :

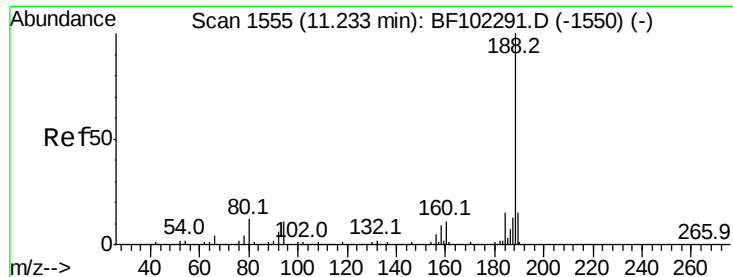
Tot Ion:163 Resp: 211030
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.5 8.2 12.2



#53
 2,4-Dinitrophenol
 Concen: 3.786 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.18 min
 Lab File: BF102357.D
 Acq: 23 Jan 2018 22:12

Tgt Ion:184 Resp: 175
 Ion Ratio Lower Upper
 184 100
 63 112.5 54.2 81.2#
 154 166.2 184.0 276.0#

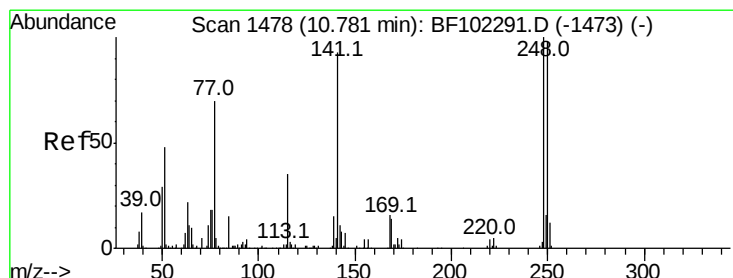
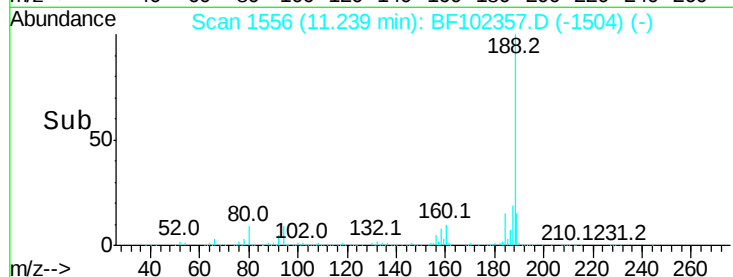
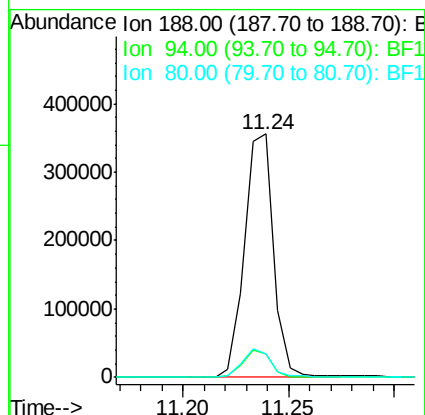
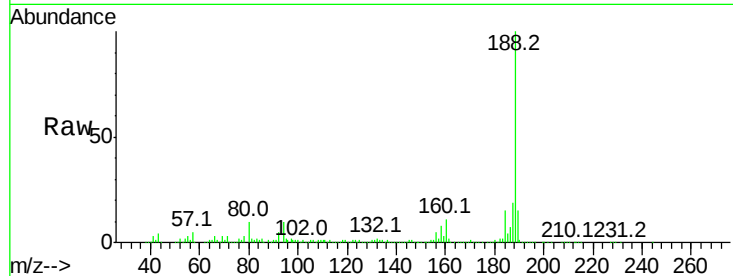




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102357.D
Acq: 23 Jan 2018 22:12

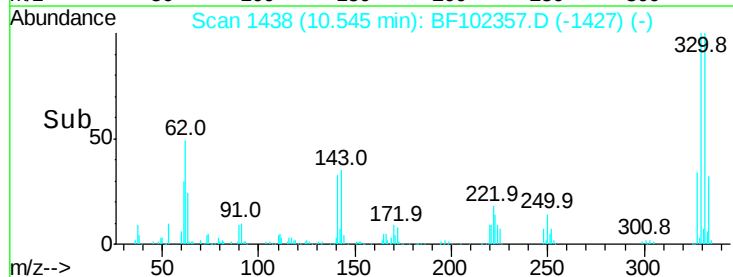
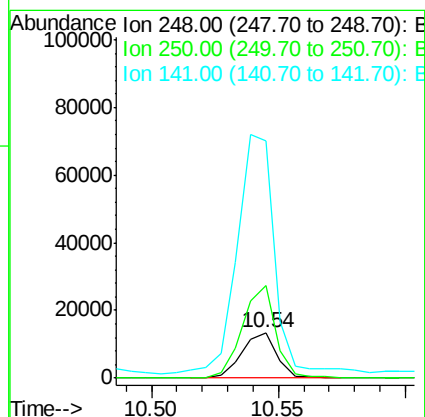
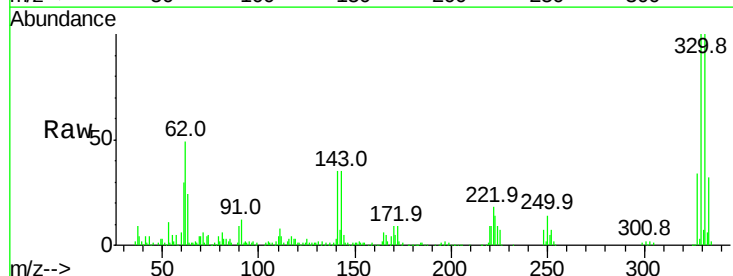
Instrument :
BNA_F
ClientSampled :

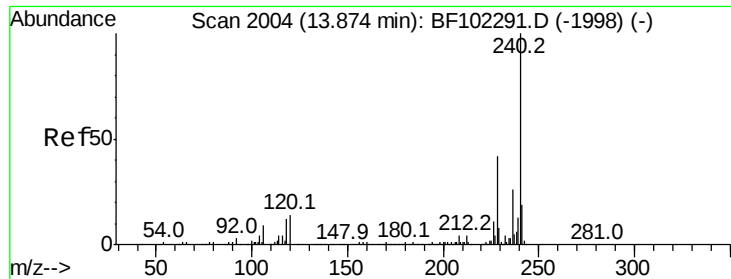
Tot Ion:188 Resp: 338574
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.506 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102357.D
Acq: 23 Jan 2018 22:12

Tgt Ion:248 Resp: 12780
Ion Ratio Lower Upper
248 100
250 203.4 76.9 115.3#
141 518.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

Instrument :

BNA_F

ClientSampleId :

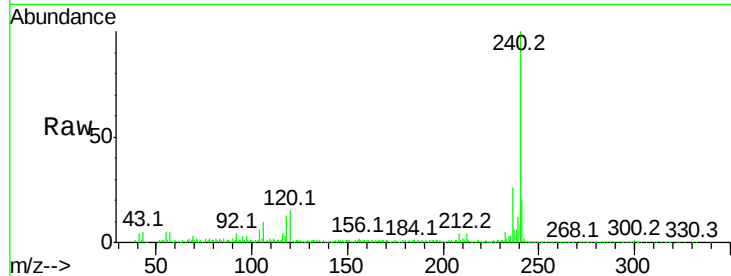
Tot Ion:240 Resp: 254381

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

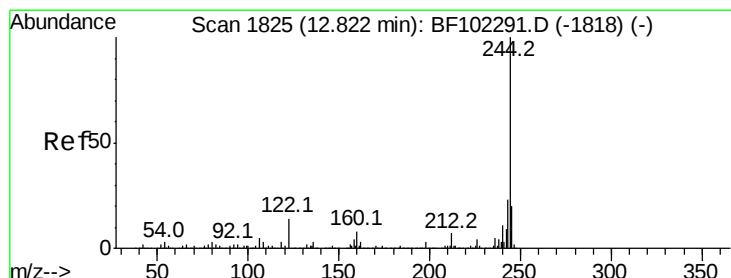
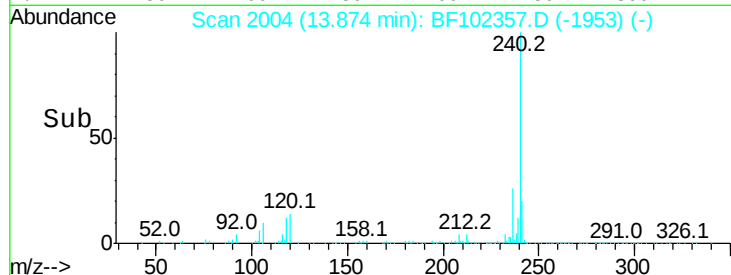
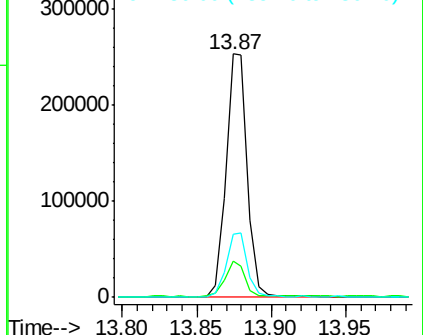
236 25.8 20.7 31.1



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: 61.029 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102357.D

Acq: 23 Jan 2018 22:12

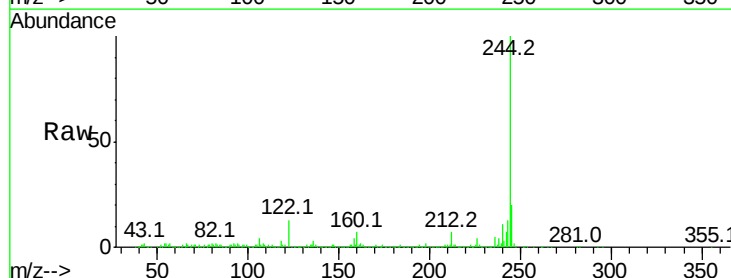
Tgt Ion:244 Resp: 688646

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

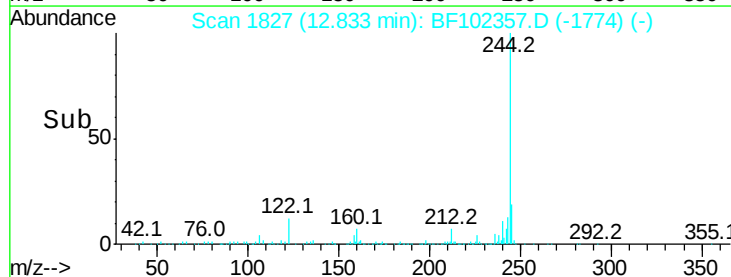
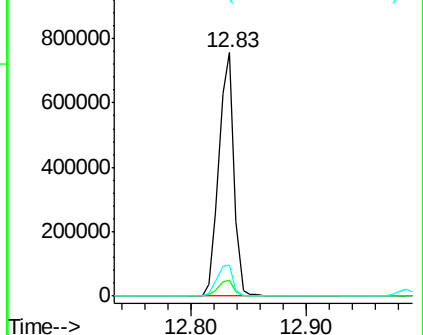
122 12.7 11.0 16.4

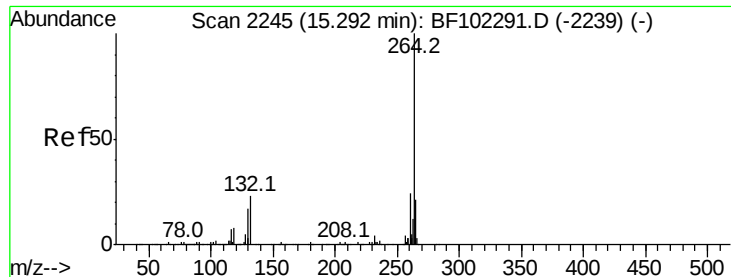


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

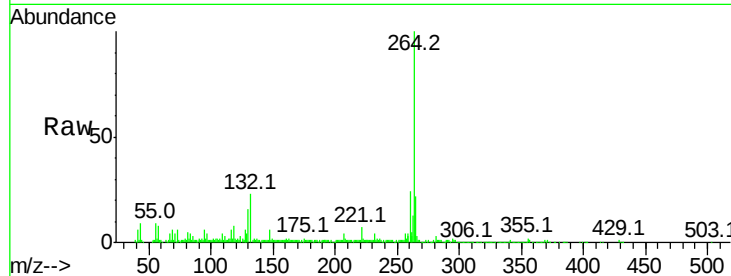




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102357.D
 Acq: 23 Jan 2018 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

