

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102351.D
 Acq On : 23 Jan 2018 19:29
 Operator : SJ/JU
 Sample : J1015-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:44:05 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

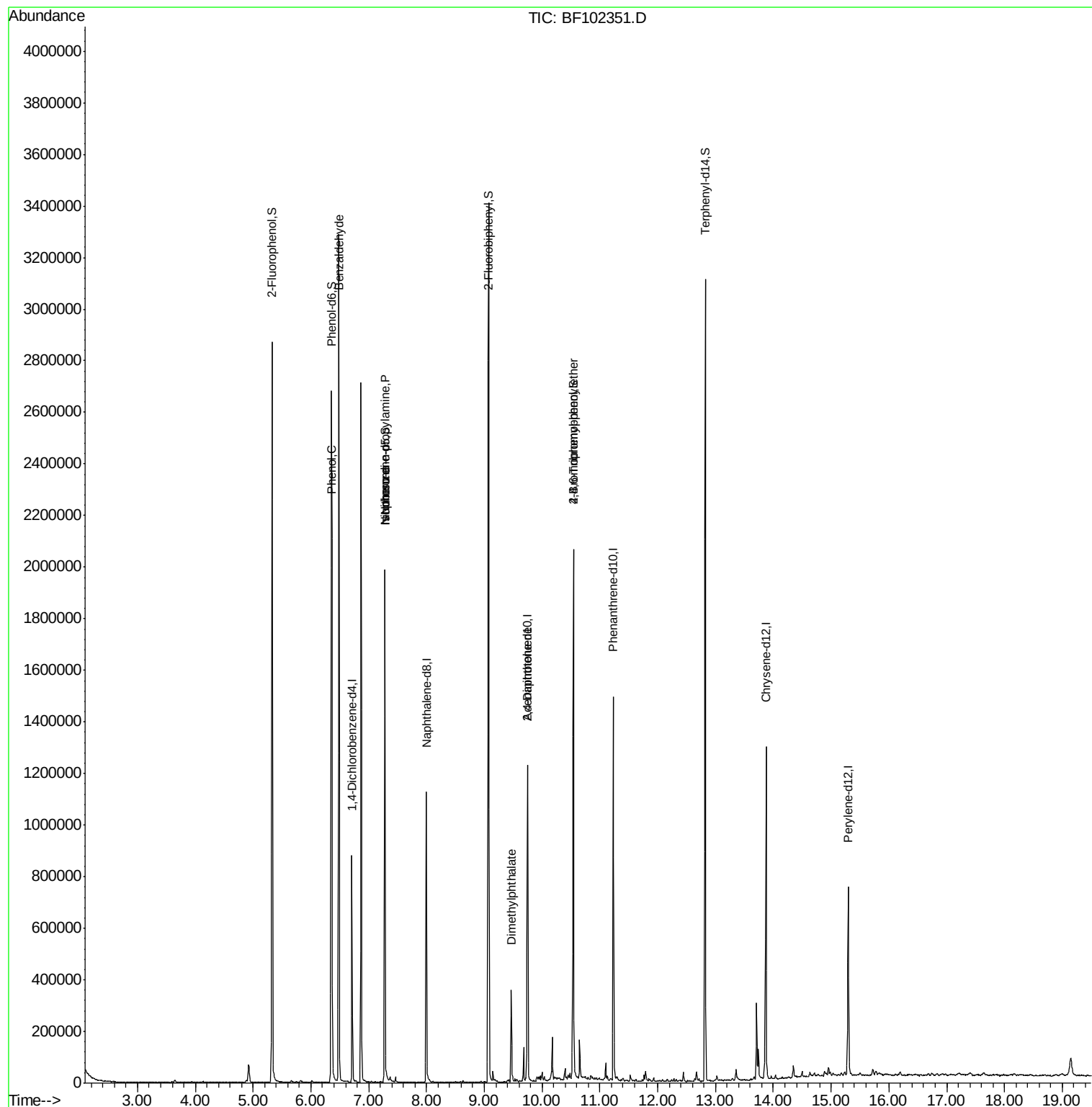
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139777	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	596265	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	271914	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	494254	20.00	ng	0.00
75) Chrysene-d12	13.87	240	440856	20.00	ng	0.00
86) Perylene-d12	15.30	264	329731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	912399	98.97	ng	0.00
7) Phenol-d6	6.36	99	1095591	98.58	ng	0.00
23) Nitrobenzene-d5	7.28	82	683669	65.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	239724	88.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1151588	62.27	ng	0.00
78) Terphenyl-d14	12.82	244	1139316	58.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	18647	2.437	ng	82
10) Phenol	6.37	94	46794	3.857	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	87495	12.864	ng	# 80
25) Isophorone	7.28	82	673780	36.425	ng	# 64
49) Dimethylphthalate	9.47	163	136950	6.093	ng	99
56) 2,4-Dinitrotoluene	9.75	165	34744	5.831	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	16794	3.156	ng	# 1

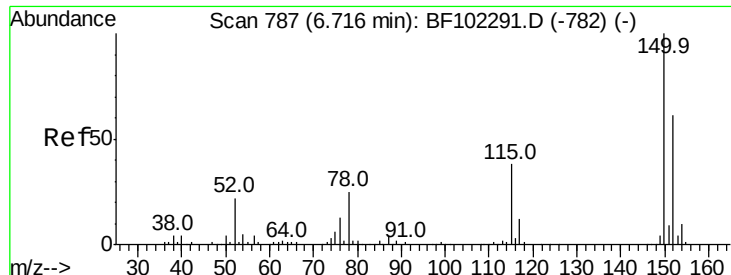
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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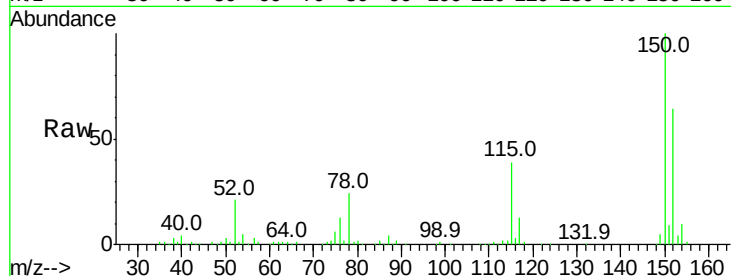




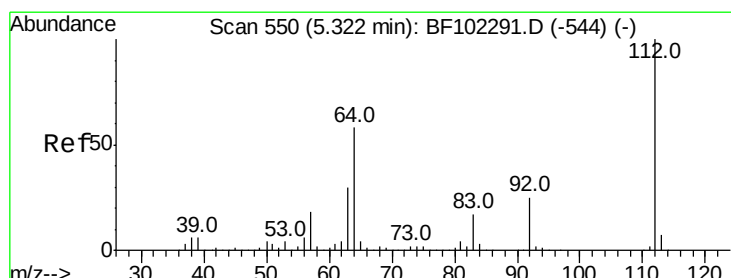
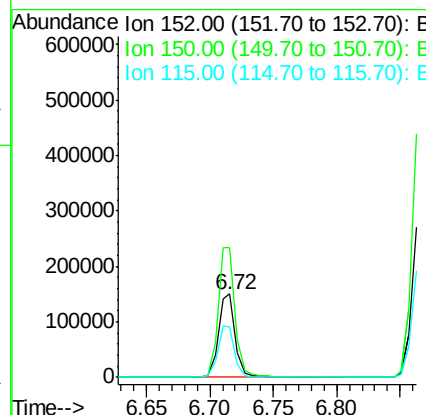
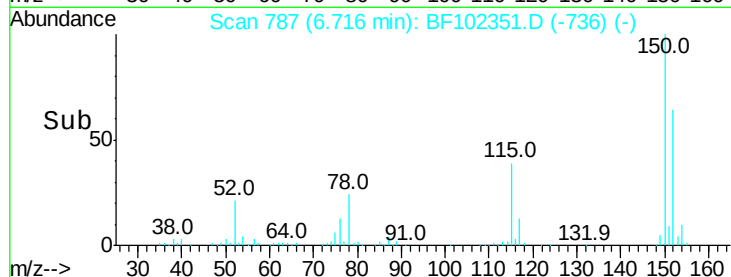
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102351.D
 Acq: 23 Jan 2018 19:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 139777
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 60.3 50.1 75.1

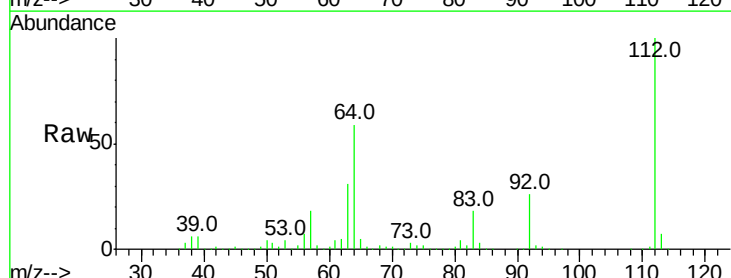


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

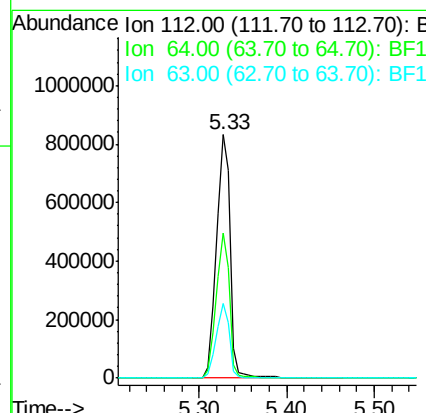
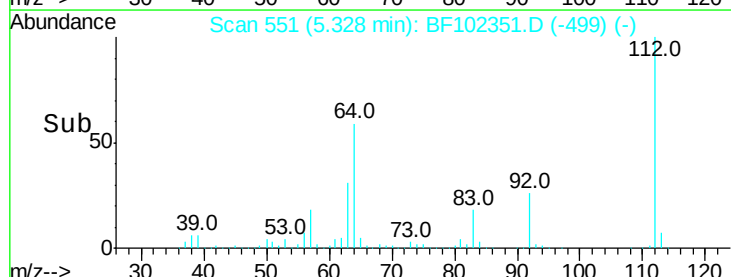


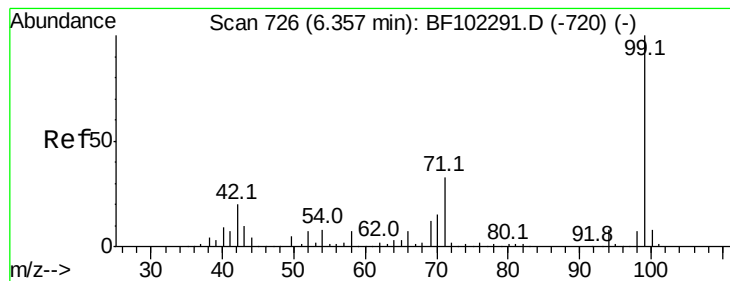
#5
 2-Fluorophenol
 Concen: 98.974 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102351.D
 Acq: 23 Jan 2018 19:29

Tgt Ion:112 Resp: 912399
 Ion Ratio Lower Upper
 112 100
 64 59.4 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: 98.580 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

Instrument :

BNA_F

ClientSampleId :

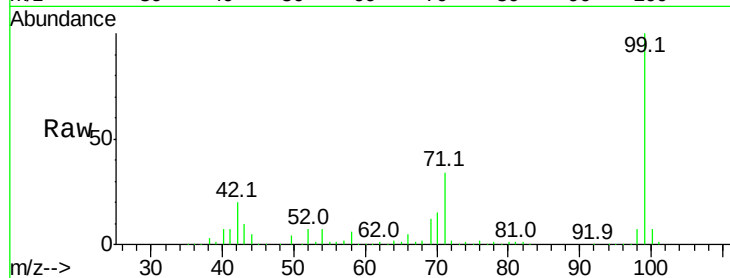
Tot Ion: 99 Resp: 1095591

Ion Ratio Lower Upper

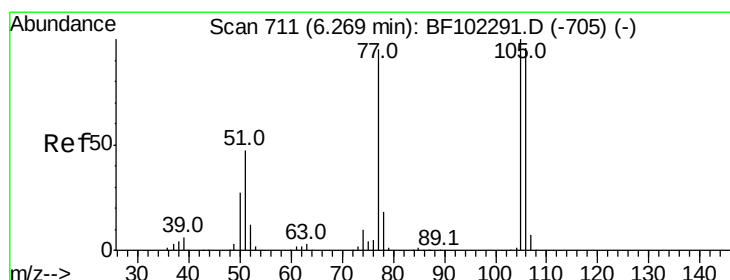
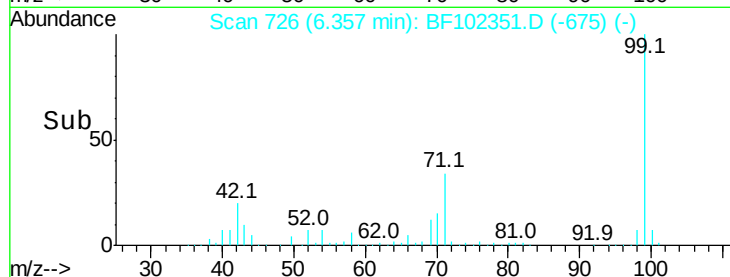
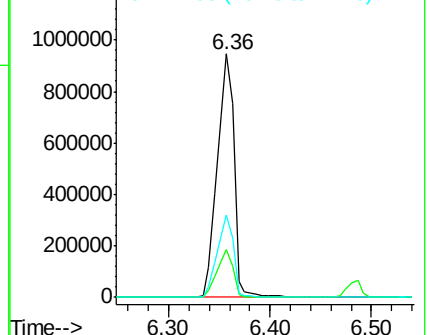
99 100

42 19.8 14.5 21.7

71 33.7 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



#9

Benzaldehyde

Concen: 2.437 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

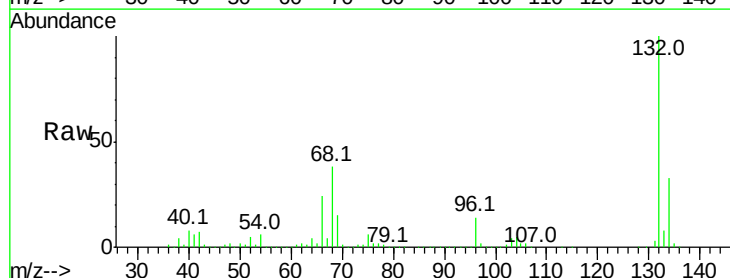
Tgt Ion: 77 Resp: 18647

Ion Ratio Lower Upper

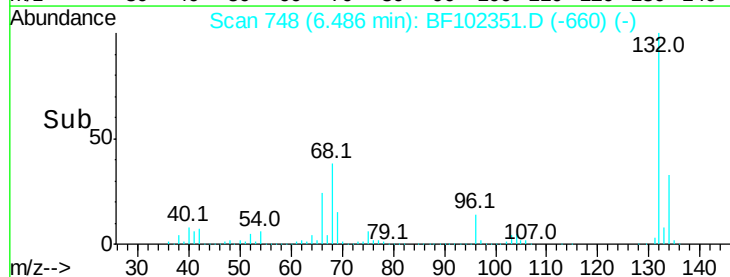
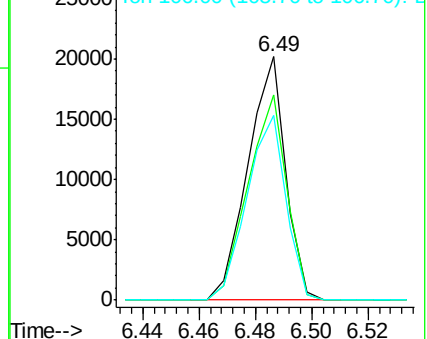
77 100

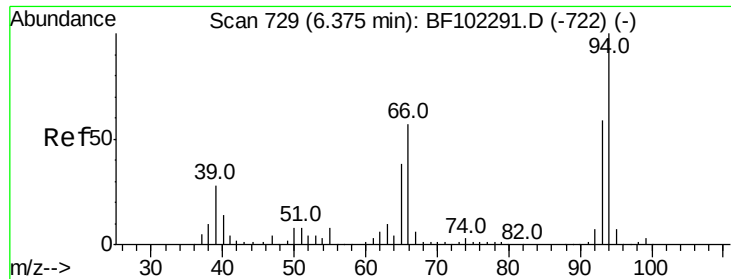
105 84.4 81.1 121.1

106 75.9 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

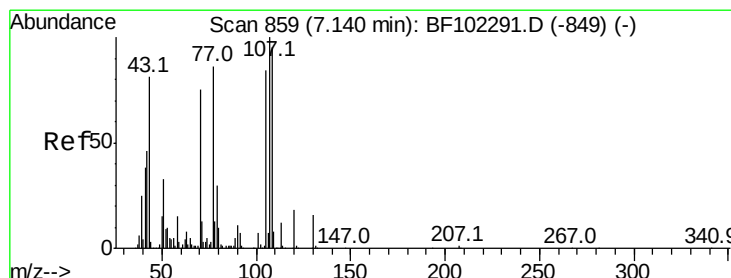
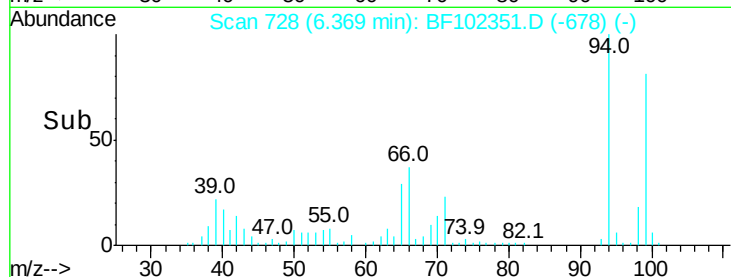
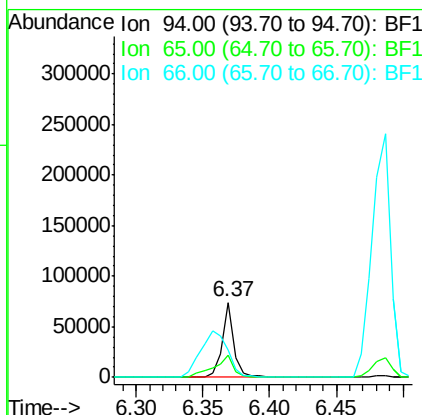
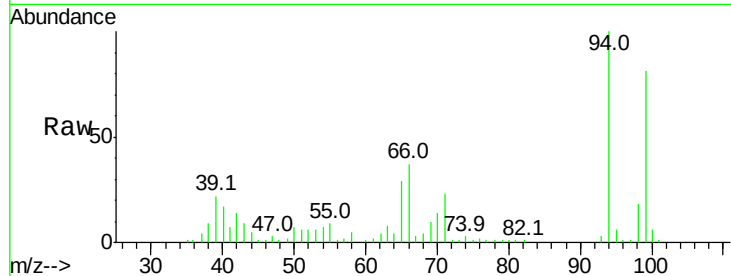




#10
Phenol
Concen: 3.857 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102351.D
Acq: 23 Jan 2018 19:29

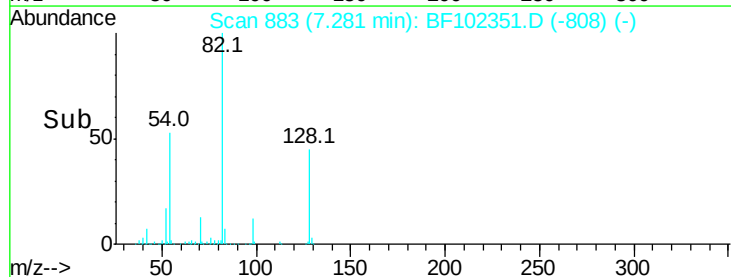
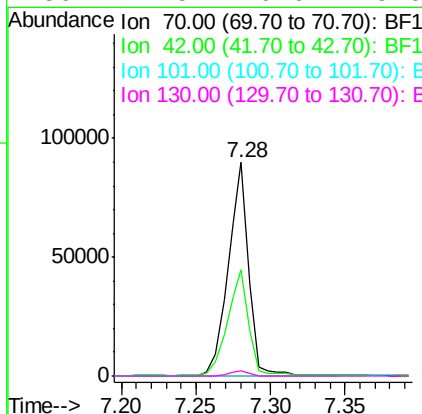
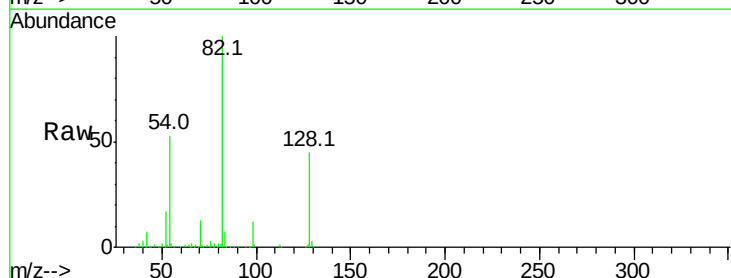
Instrument :
BNA_F
ClientSampleId :

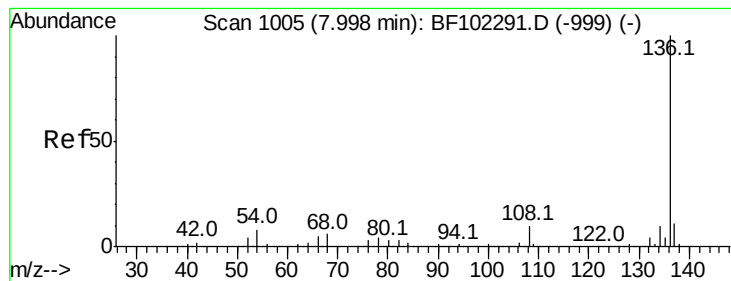
Tot Ion: 94 Resp: 46794
Ion Ratio Lower Upper
94 100
65 28.9 7.9 47.9
66 37.0 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.864 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102351.D
Acq: 23 Jan 2018 19:29

Tgt Ion: 70 Resp: 87495
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 596265

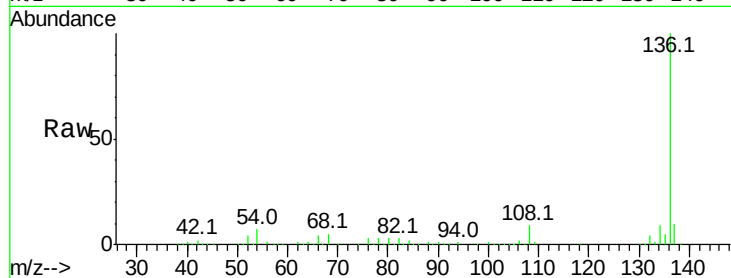
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.7 6.6 9.8

68 5.3 5.0 7.4

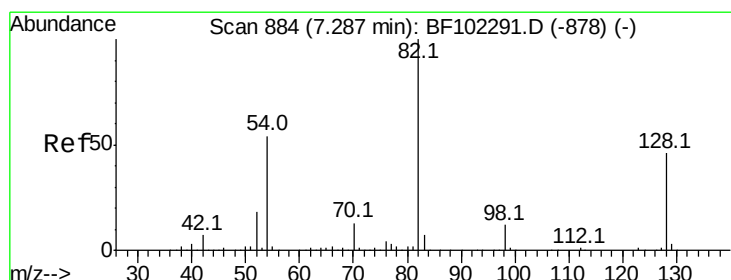
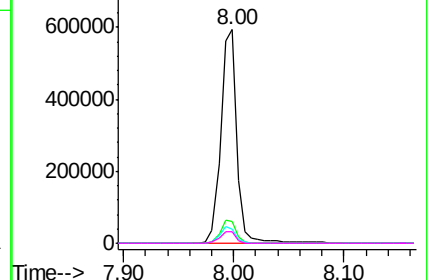
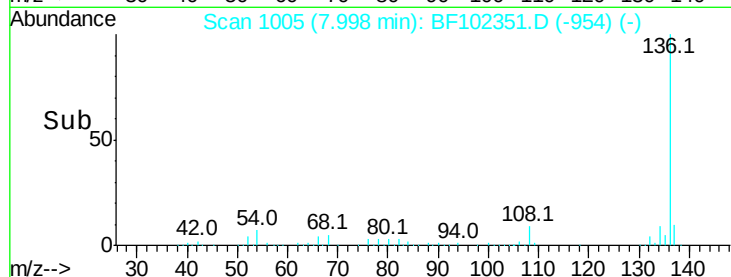


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 65.891 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

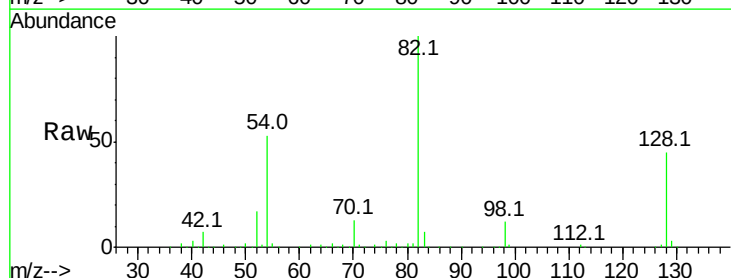
Tgt Ion: 82 Resp: 683669

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

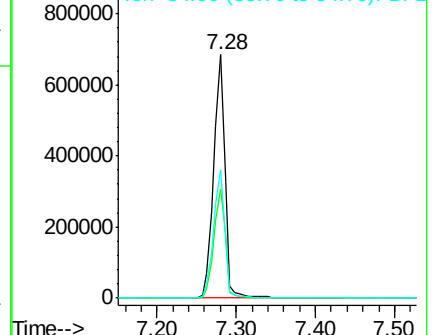
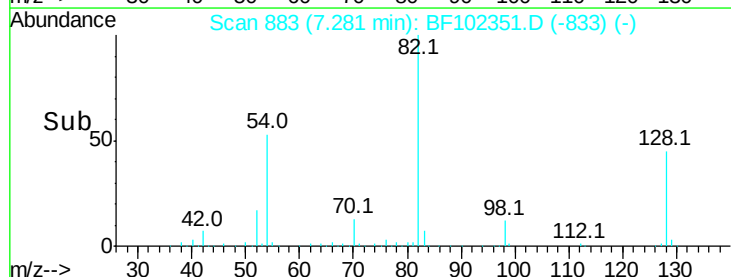
54 52.9 41.4 62.2

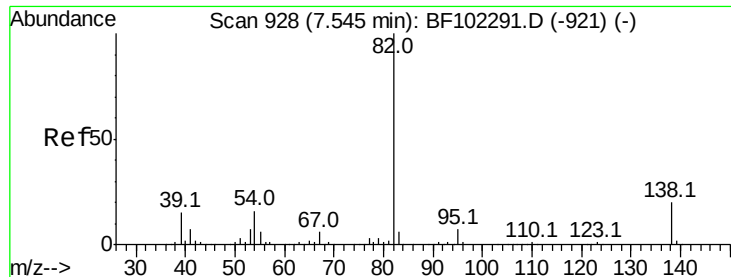


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.425 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

Instrument :

BNA_F

ClientSampleId :

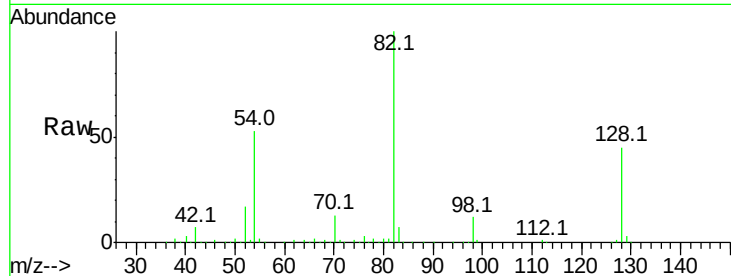
Tot Ion: 82 Resp: 673780

Ion Ratio Lower Upper

82 100

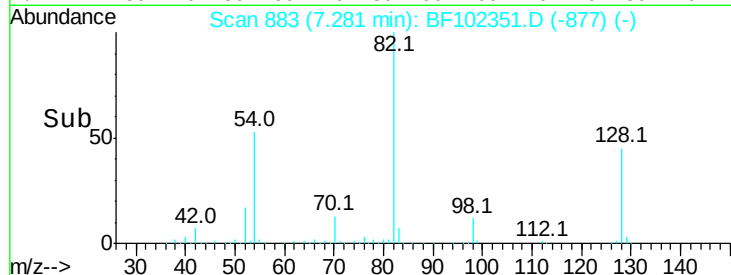
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

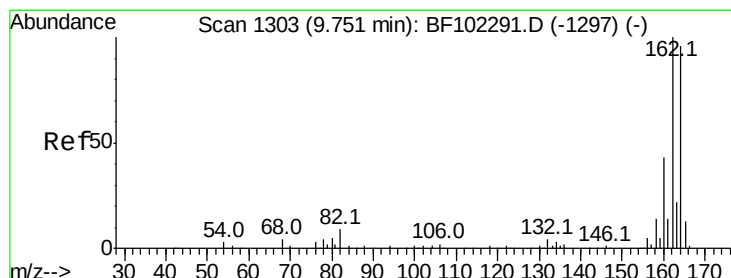


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

7.28



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

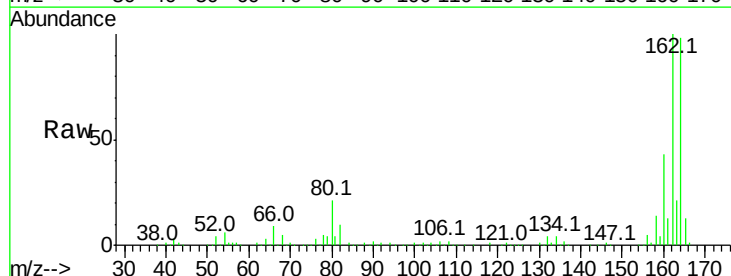
Tgt Ion: 164 Resp: 271914

Ion Ratio Lower Upper

164 100

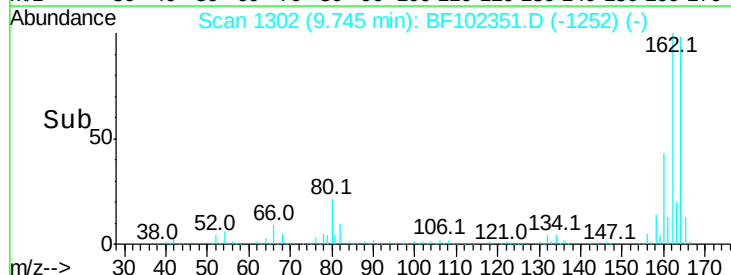
162 102.1 86.1 129.1

160 43.9 38.3 57.5

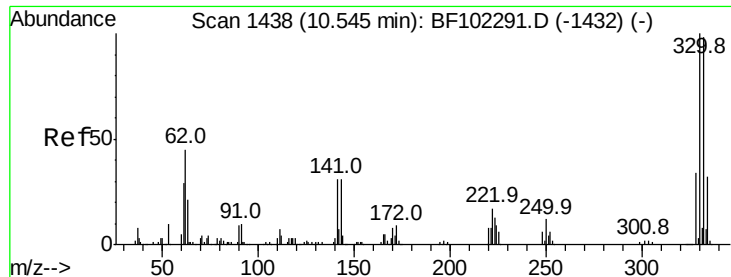


Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

9.75



Time-->



#41

2,4,6-Tribromophenol

Concen: 88.975 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

Instrument :

BNA_F

ClientSampleId :

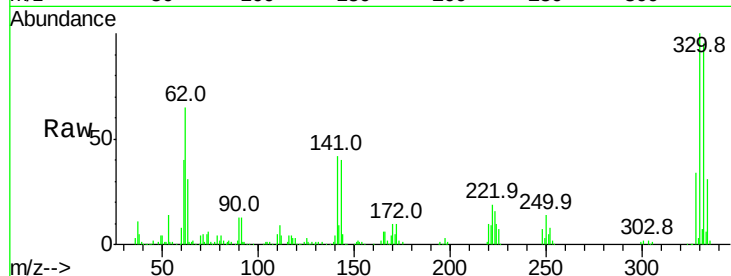
Tot Ion:330 Resp: 239724

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

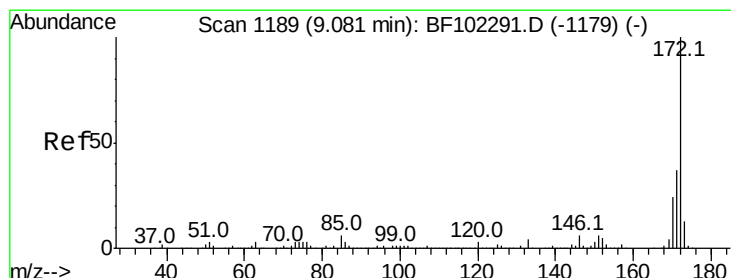
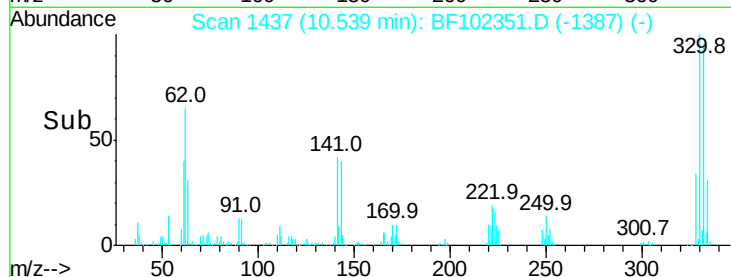
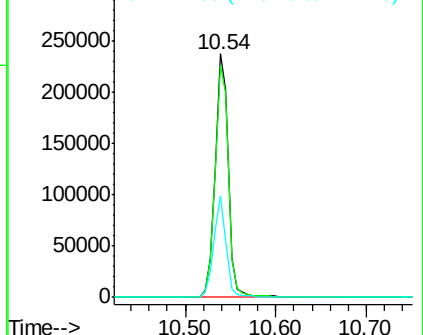
141 40.0 29.9 44.9



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: 62.271 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

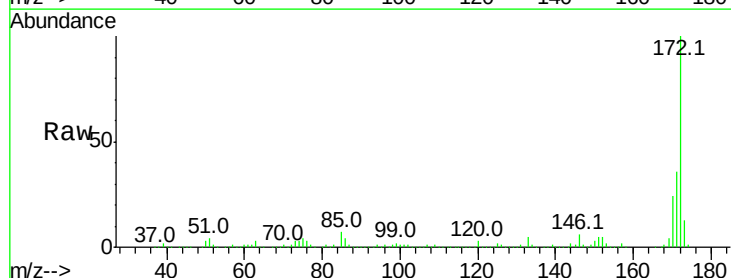
Tgt Ion:172 Resp: 1151588

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

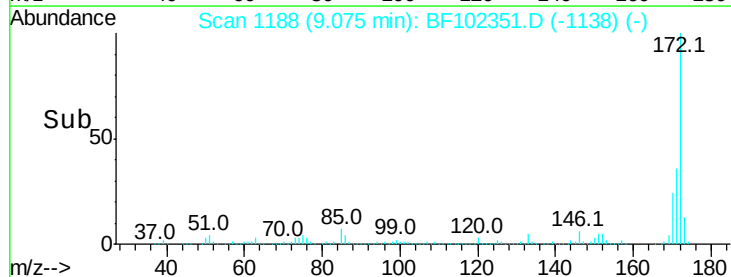
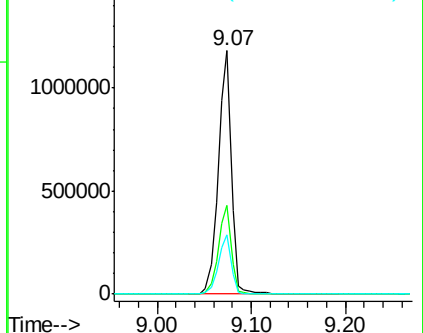
170 24.2 19.6 29.4

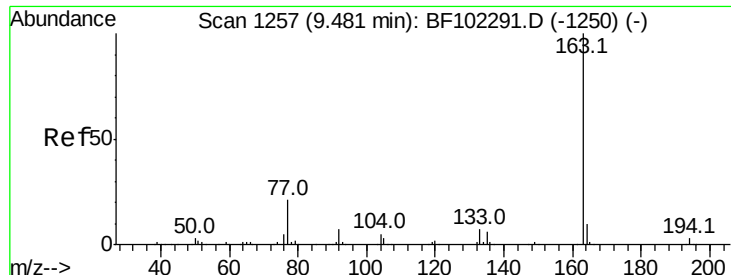


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

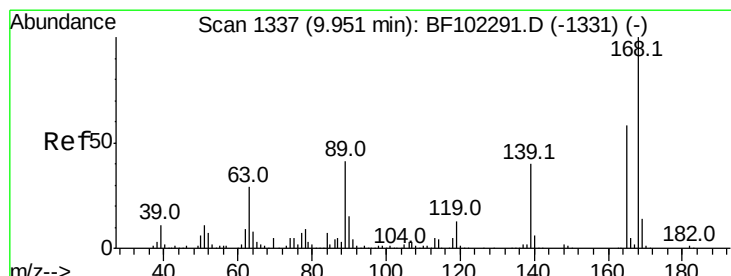
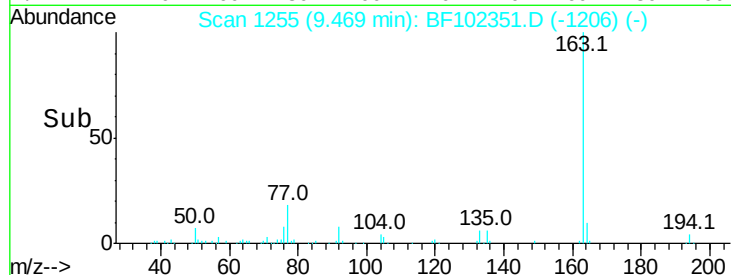
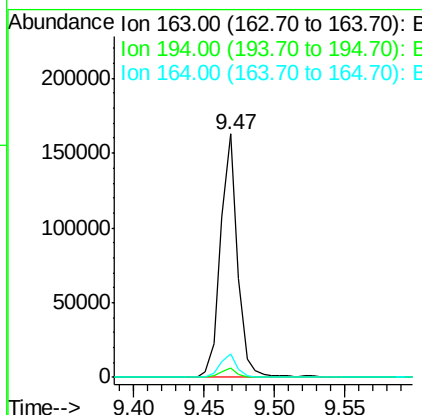
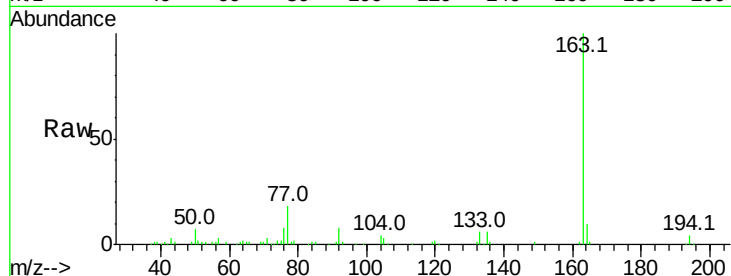




#49
Dimethylphthalate
Concen: 6.093 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102351.D
Acq: 23 Jan 2018 19:29

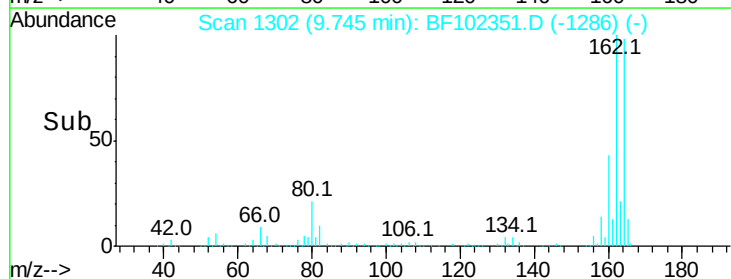
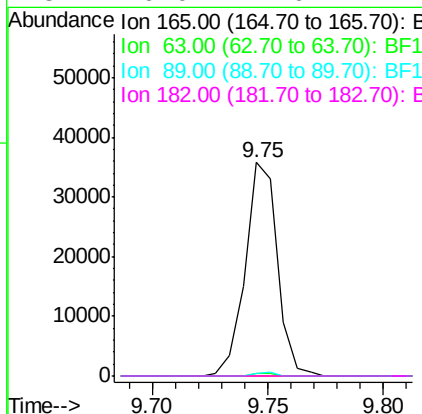
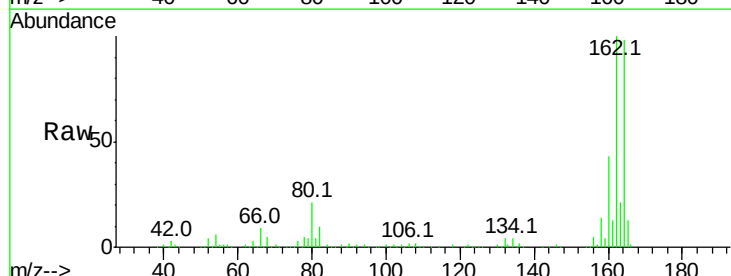
Instrument :
BNA_F
ClientSampleId :

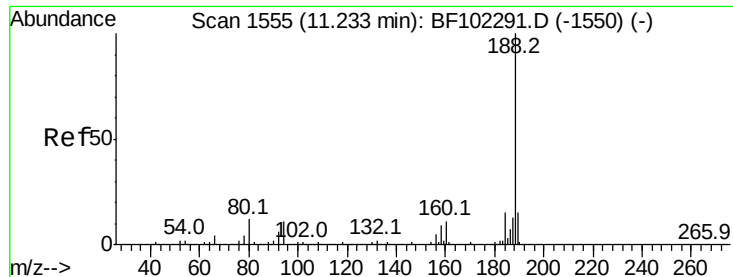
Tot Ion:163 Resp: 136950
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.831 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102351.D
Acq: 23 Jan 2018 19:29

Tgt Ion:165 Resp: 34744
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.0 57.8 86.6#
182 0.0 1.6 2.4#

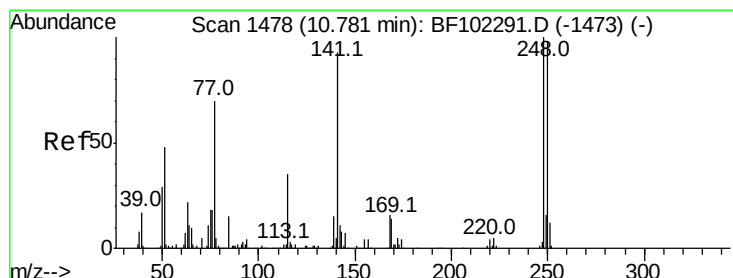
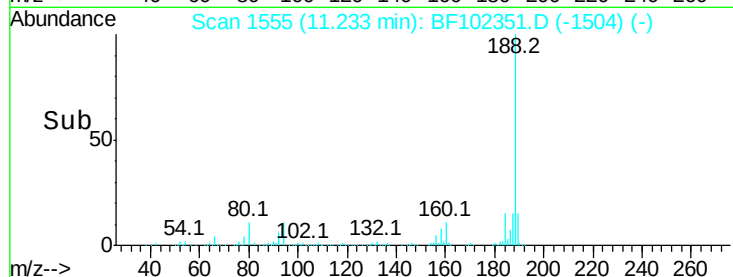
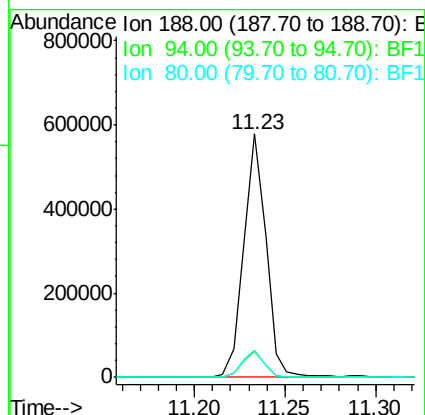
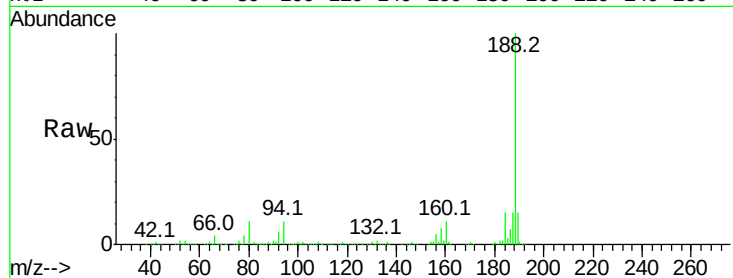




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102351.D
Acq: 23 Jan 2018 19:29

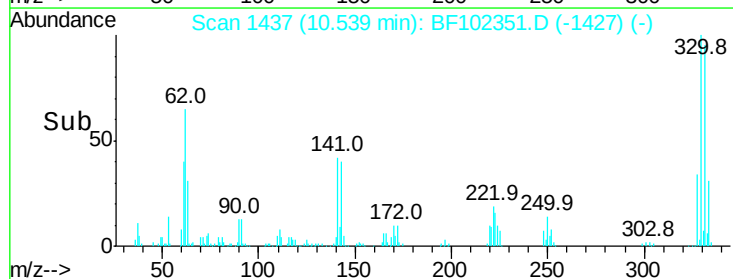
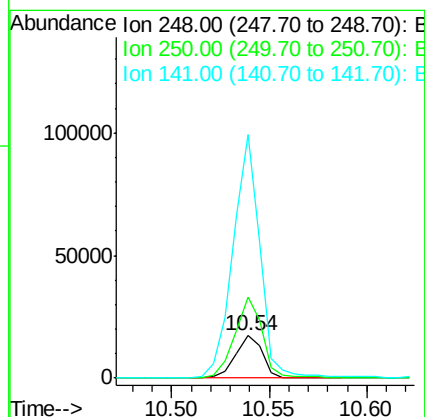
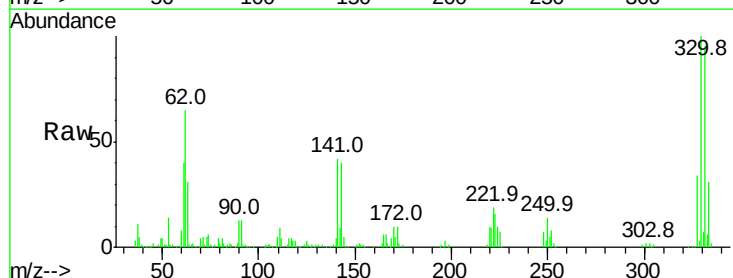
Instrument :
BNA_F
ClientSampleId :

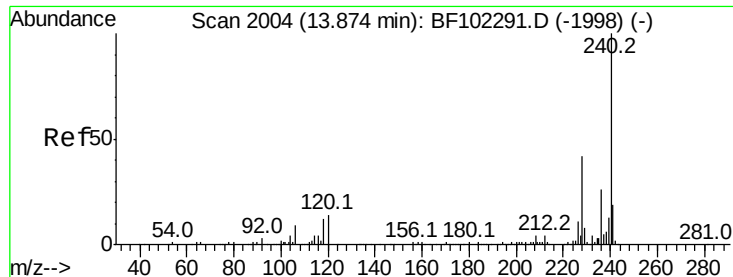
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102351.D
Acq: 23 Jan 2018 19:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.4	76.9	115.3#
141	576.3	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: BF102351.D

Acq: 23 Jan 2018 19:29

Instrument :

BNA_F

ClientSampleId :

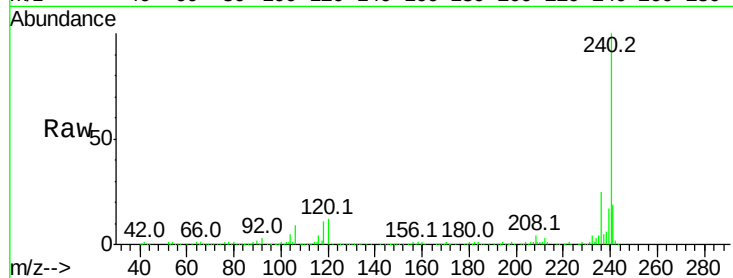
Tot Ion:240 Resp: 440856

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

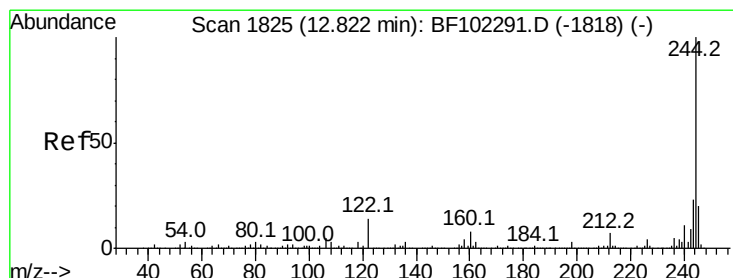
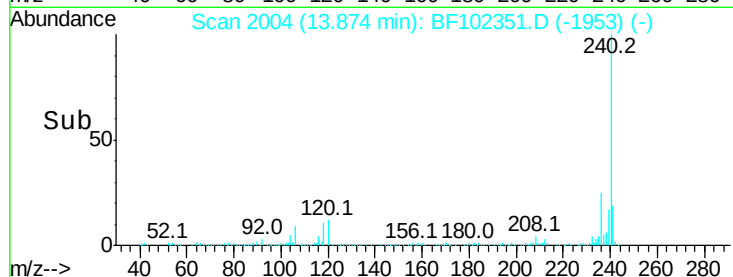
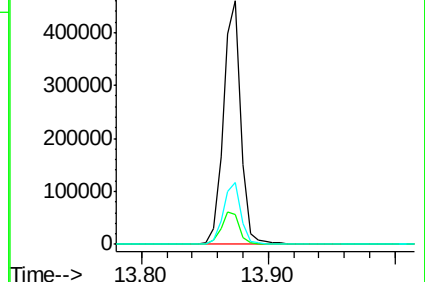
236 25.3 20.7 31.1



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: 58.260 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102351.D

Acq: 23 Jan 2018 19:29

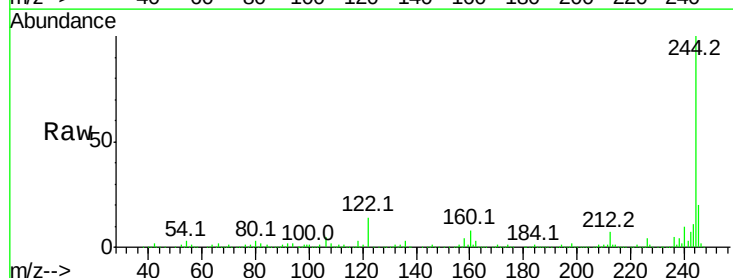
Tgt Ion:244 Resp: 1139316

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

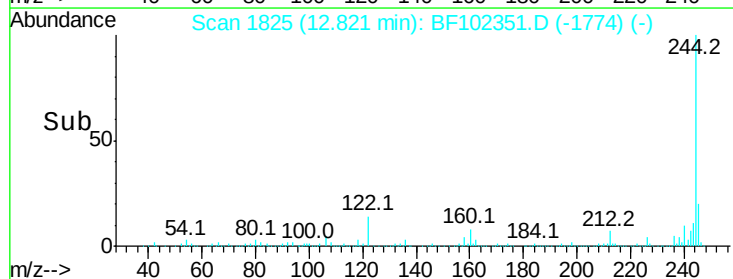
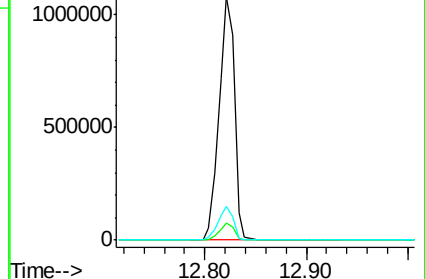
122 13.9 11.0 16.4

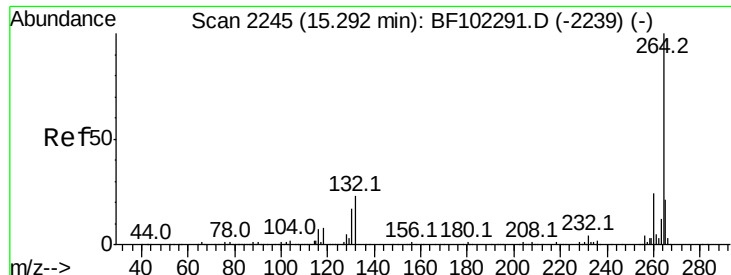


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

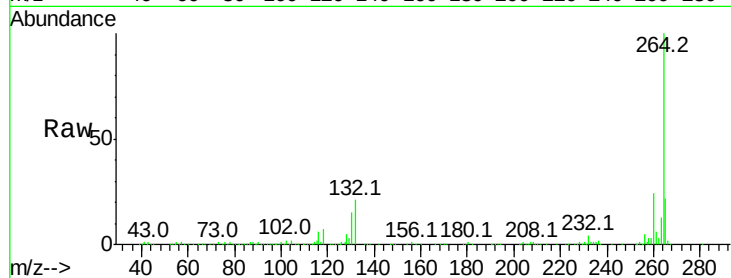




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102351.D
 Acq: 23 Jan 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	329731
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	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

