

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102321.D
 Acq On : 23 Jan 2018 1:12
 Operator : SJ/JU
 Sample : J1238-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

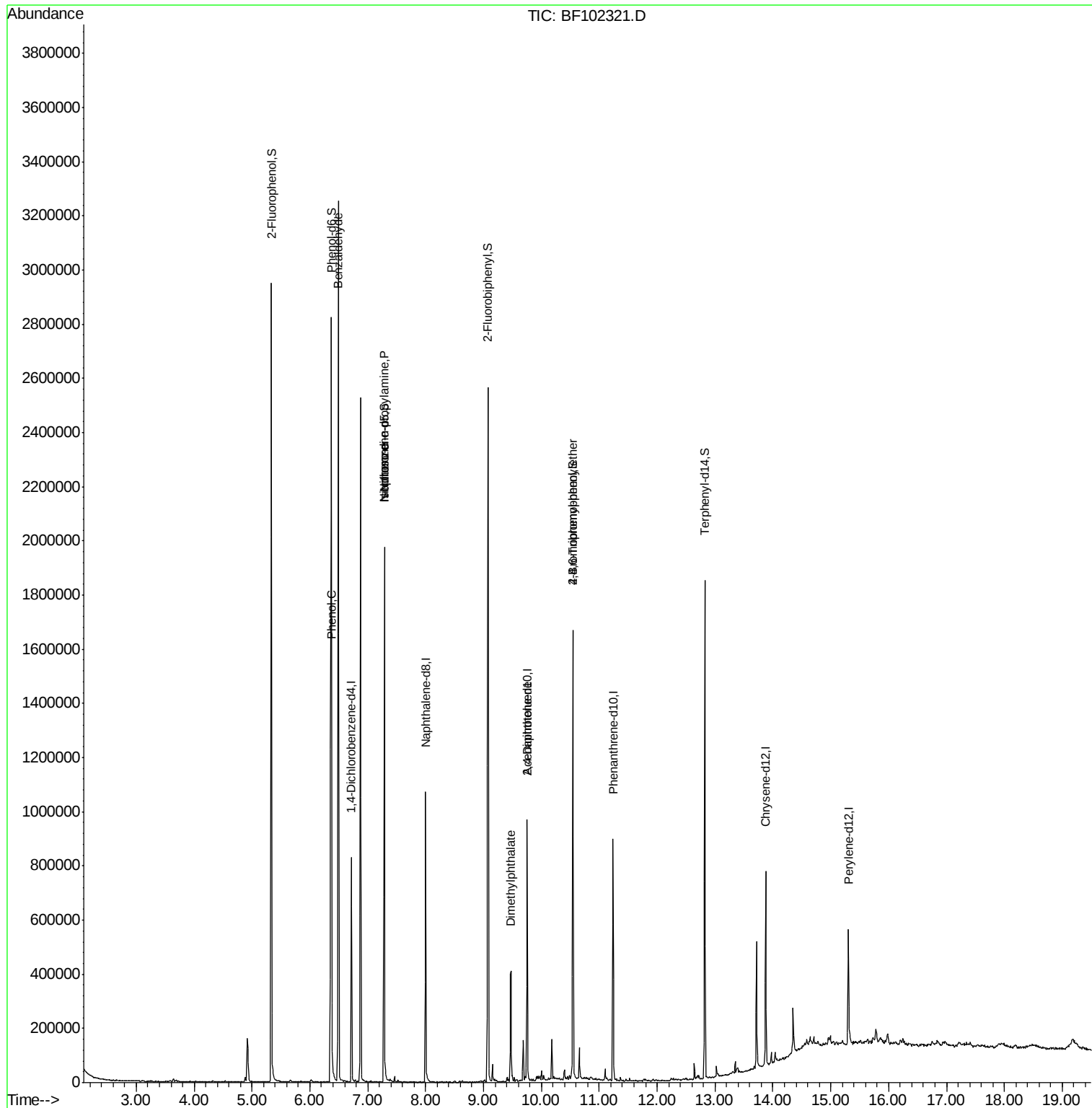
Quant Time: Jan 23 05:32:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

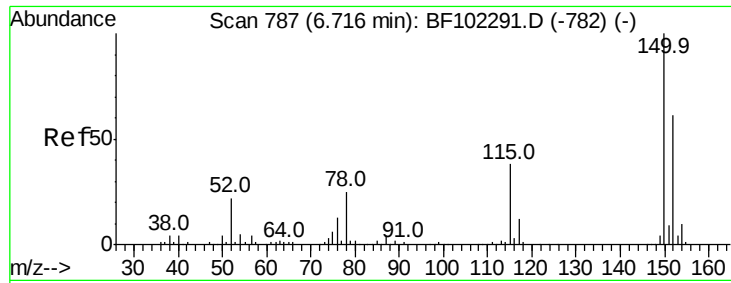
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120891	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	485978	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	195274	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	283043	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251302	20.00	ng	0.00
86) Perylene-d12	15.30	264	179440	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	892993	112.00	ng	0.01
7) Phenol-d6	6.37	99	1049408	109.18	ng	0.01
23) Nitrobenzene-d5	7.29	82	632165	74.75	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	188414	97.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	859311	64.70	ng	0.00
78) Terphenyl-d14	12.83	244	611744	54.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	18296	2.747	ng	84
10) Phenol	6.38	94	35836	3.415	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	84166	14.308	ng	# 79
25) Isophorone	7.29	82	632161	41.931	ng	# 64
49) Dimethylphthalate	9.47	163	159139	9.860	ng	99
56) 2,4-Dinitrotoluene	9.75	165	24469	5.718	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11973	3.930	ng	# 1

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\  
Data File : BF102321.D  
Acq On    : 23 Jan 2018    1:12  
Operator  : SJ/JU  
Sample    : J1238-18  
Misc      :  
ALS Vial  : 26    Sample Multiplier: 1
```

Quant Time: Jan 23 05:32:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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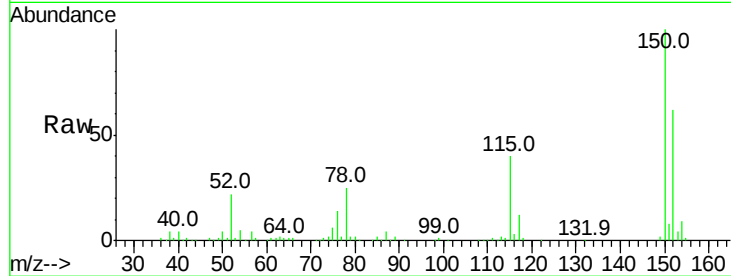


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102321.D
Acq: 23 Jan 2018 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.6	186.8
115	64.1	50.1	75.1

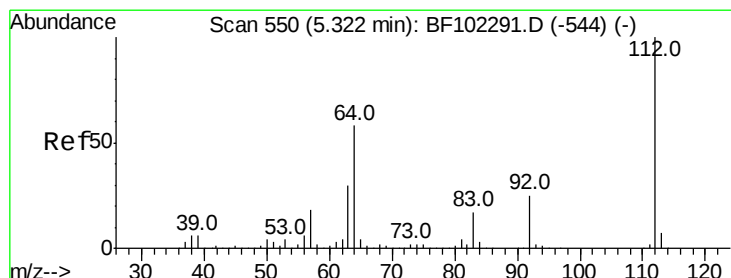
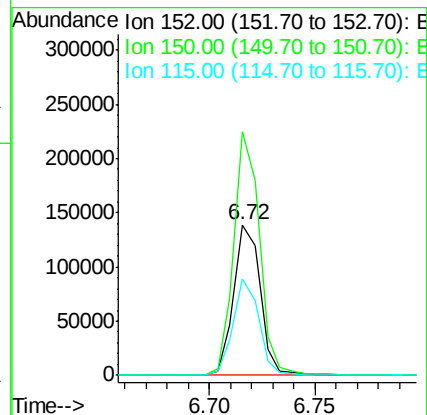
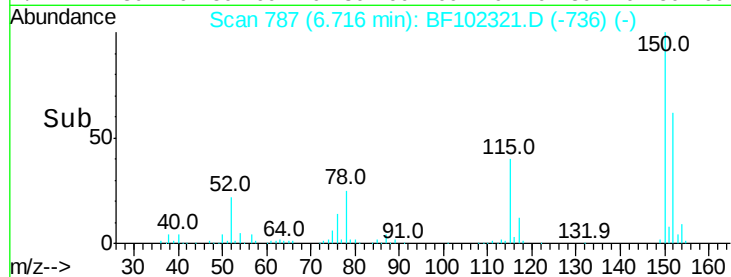


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

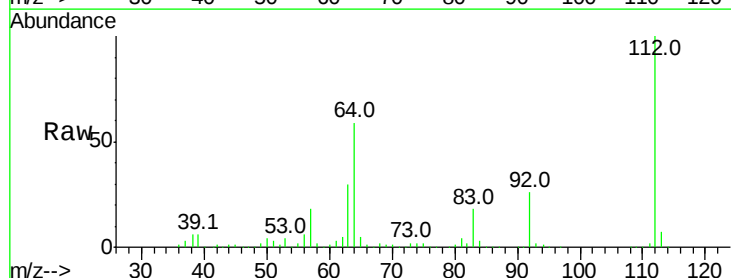
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.003 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102321.D
Acq: 23 Jan 2018 1:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.4	23.7	35.5

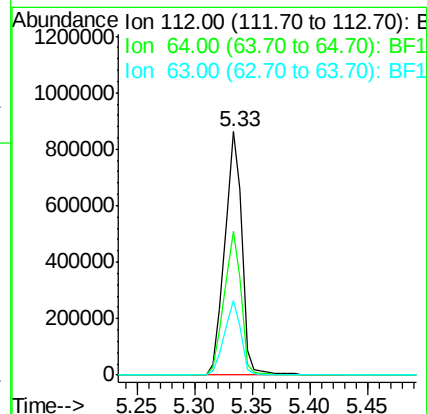
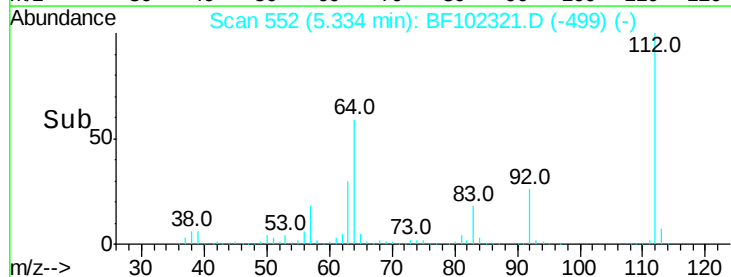


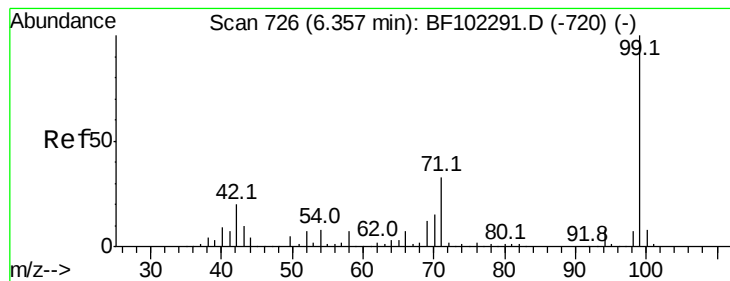
Abundance

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: 109.175 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

Instrument :

BNA_F

ClientSampled :

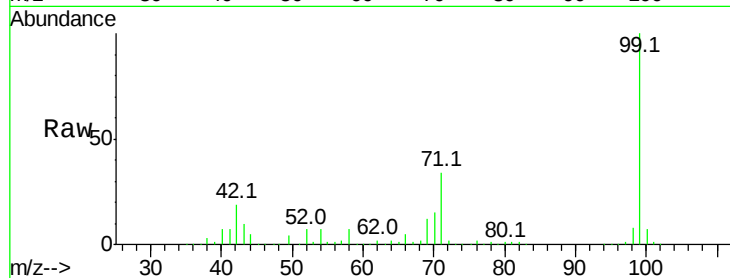
Tot Ion: 99 Resp: 1049408

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

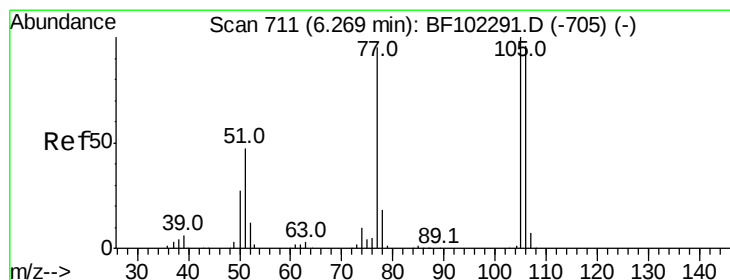
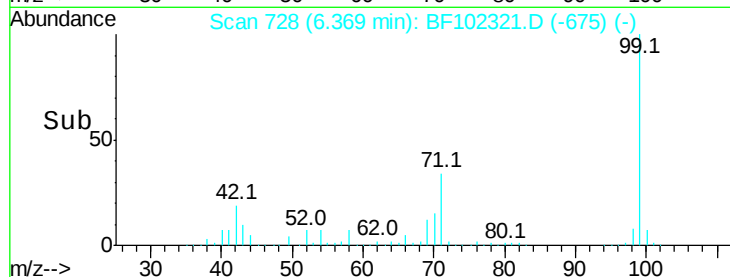
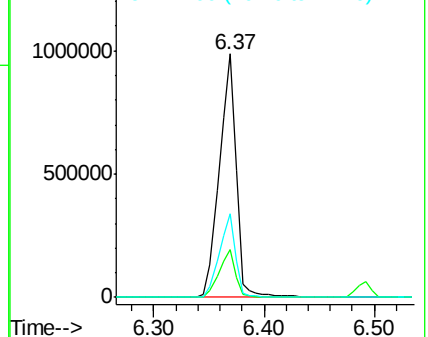
71 34.3 25.4 38.0



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: 2.747 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

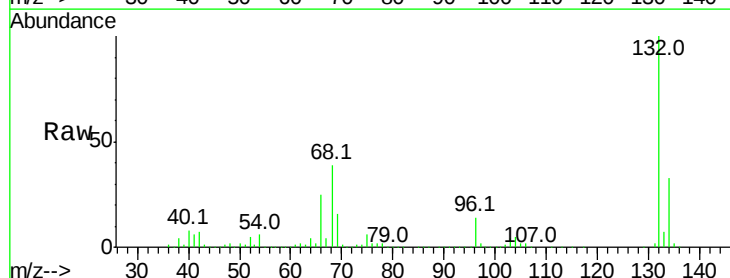
Tgt Ion: 77 Resp: 18296

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

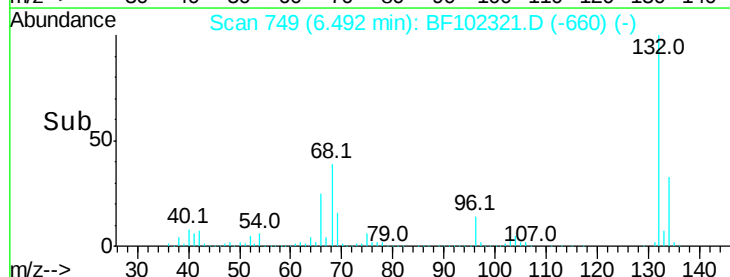
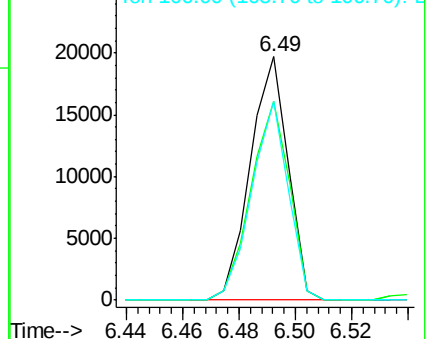
106 81.5 74.5 114.5

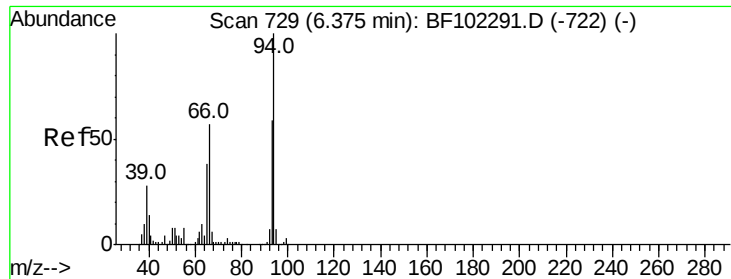


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.415 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

Instrument :

BNA_F

ClientSampleId :

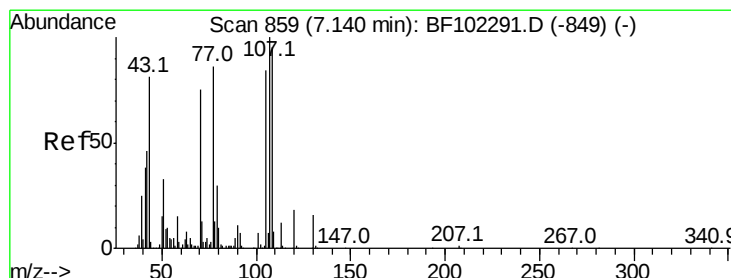
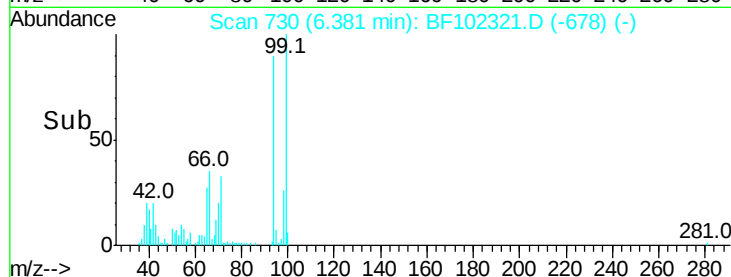
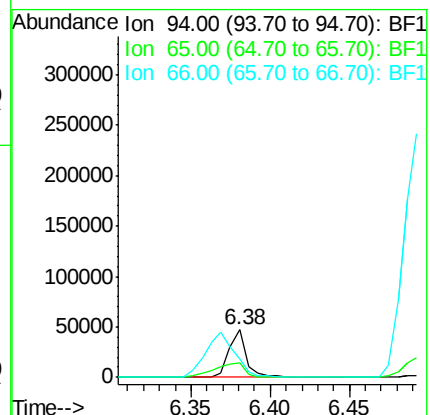
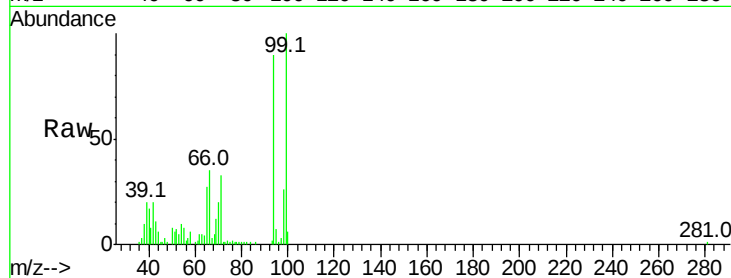
Tot Ion: 94 Resp: 35836

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

66 39.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.308 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

Tgt Ion: 70 Resp: 84166

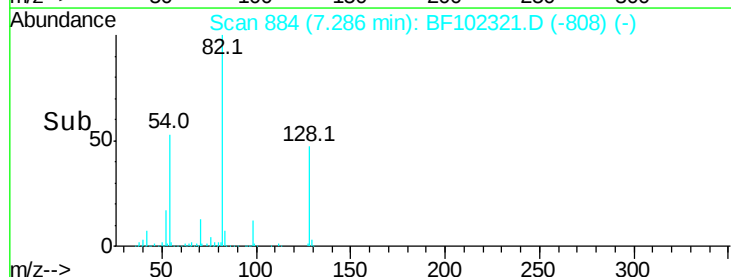
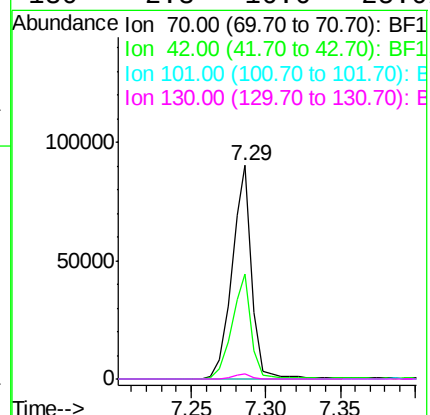
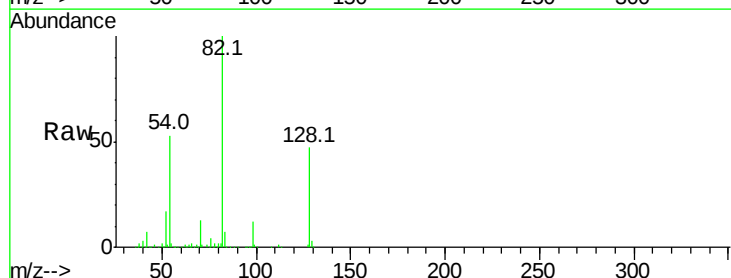
Ion Ratio Lower Upper

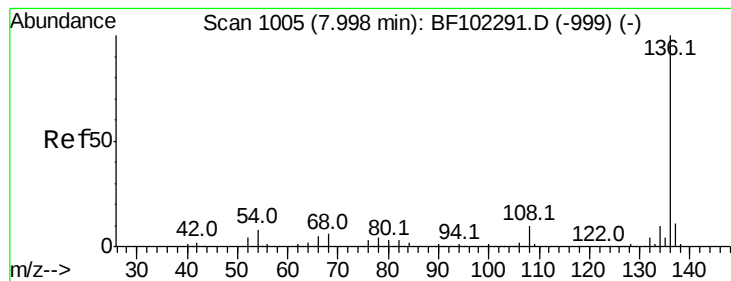
70 100

42 49.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 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: BF102321.D

Acq: 23 Jan 2018 1:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485978

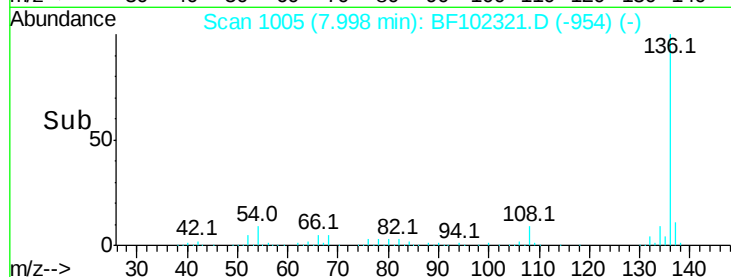
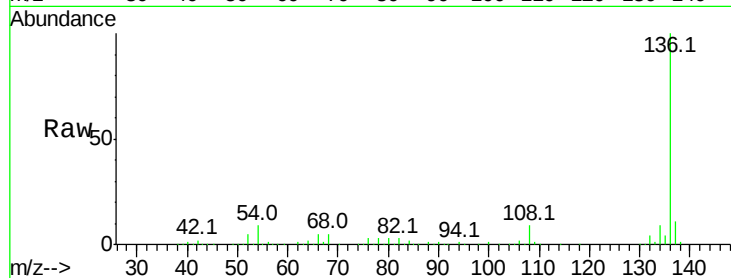
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 5.5 5.0 7.4

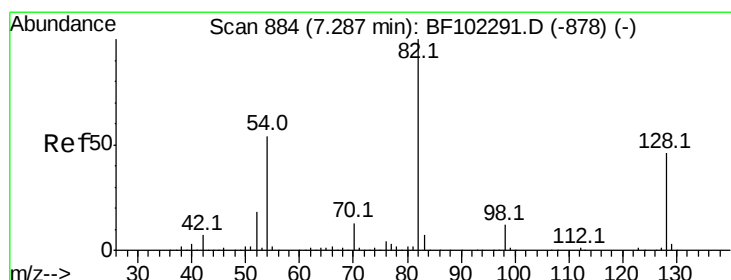
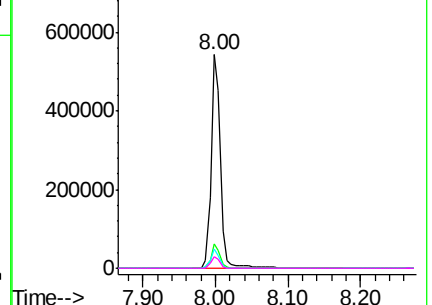


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.754 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

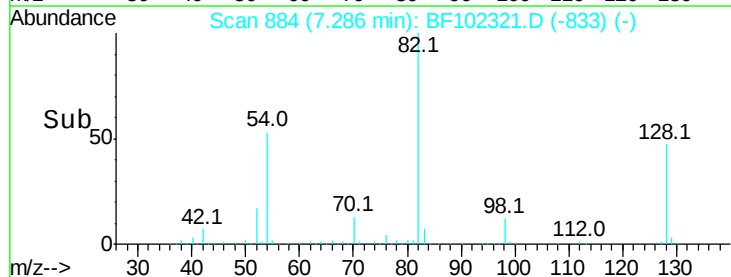
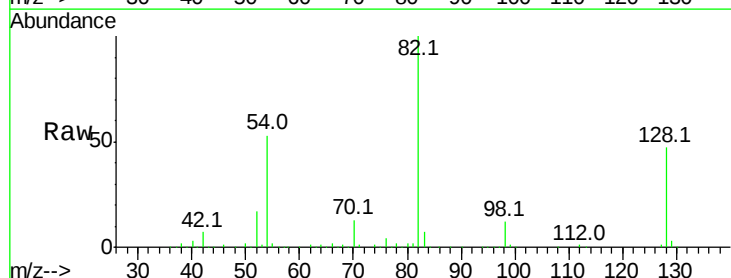
Tgt Ion: 82 Resp: 632165

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

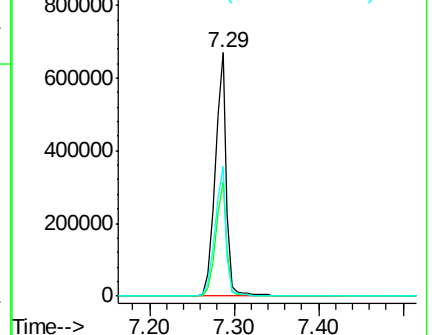
54 53.2 41.4 62.2

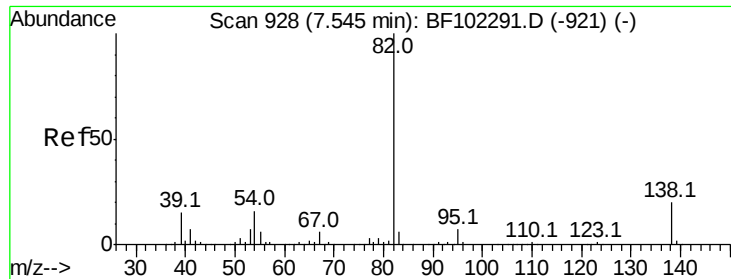


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.931 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

Instrument :

BNA_F

ClientSampled :

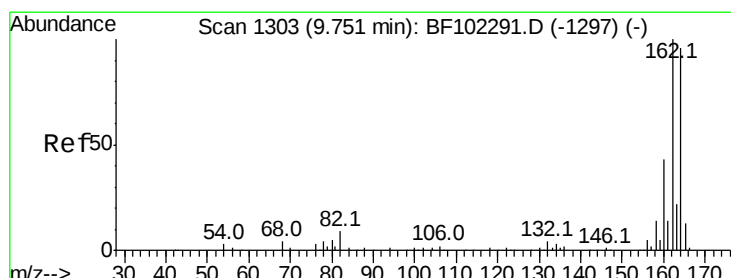
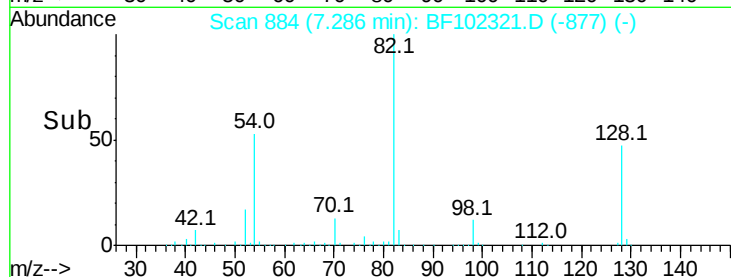
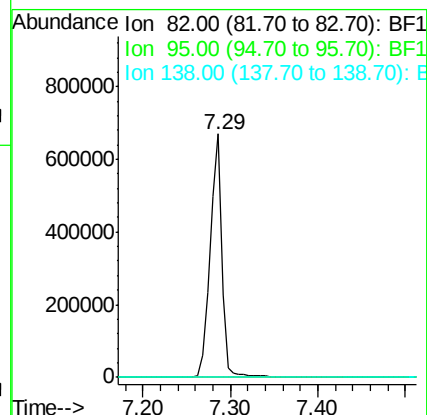
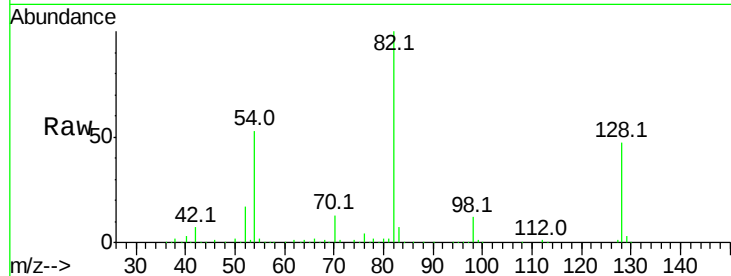
Tot Ion: 82 Resp: 632161

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

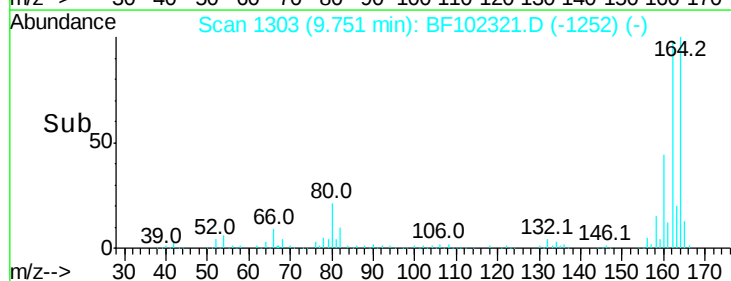
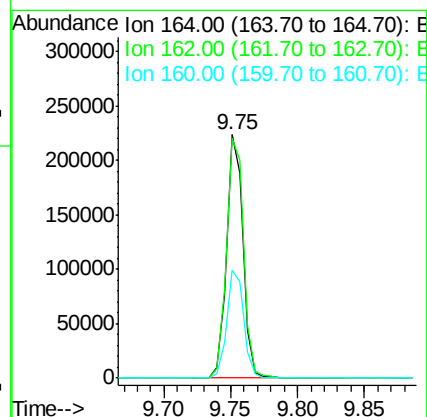
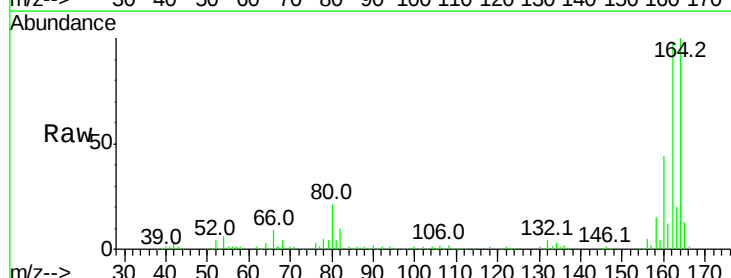
Tgt Ion: 164 Resp: 195274

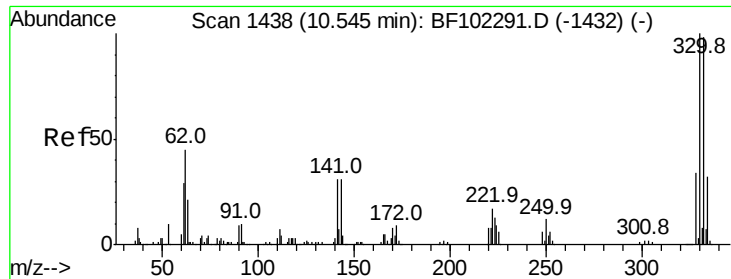
Ion Ratio Lower Upper

164 100

162 98.5 86.1 129.1

160 44.2 38.3 57.5

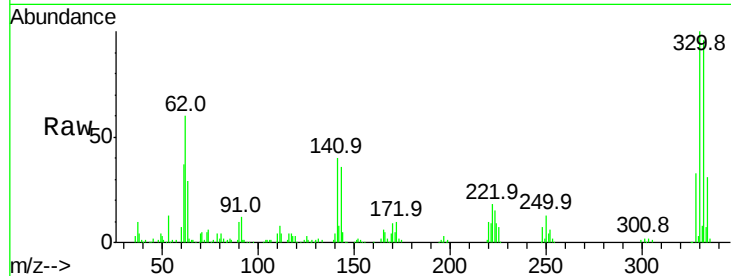




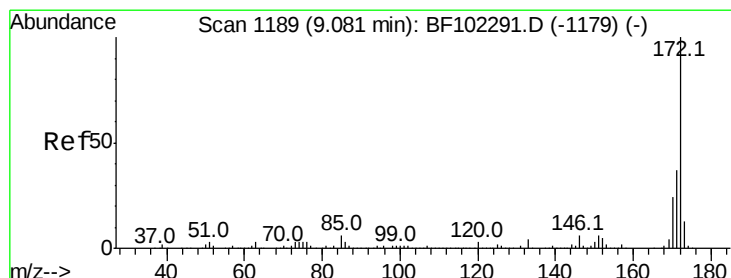
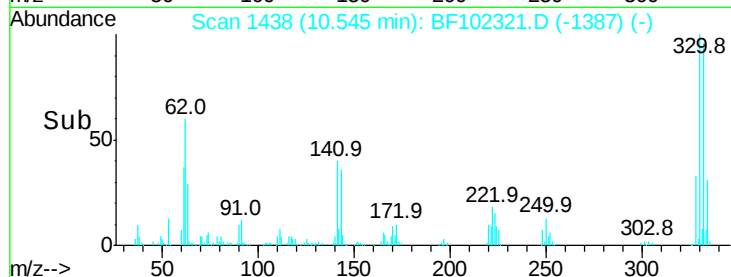
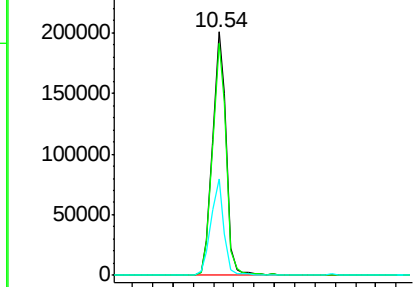
#41
 2,4,6-Tribromophenol
 Concen: 97.377 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102321.D
 Acq: 23 Jan 2018 1:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.7	29.9	44.9

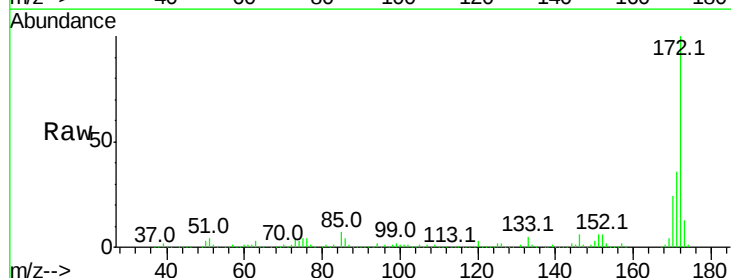


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

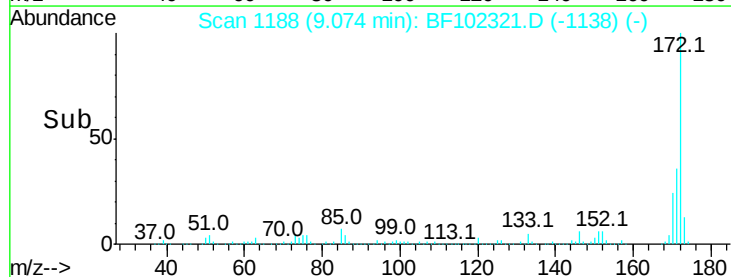
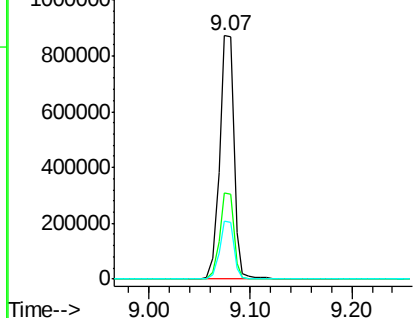


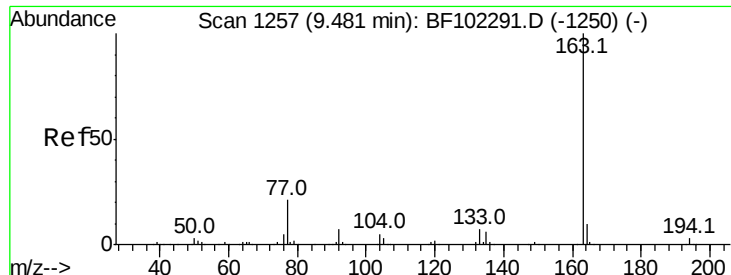
#44
 2-Fluorobiphenyl
 Concen: 64.703 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102321.D
 Acq: 23 Jan 2018 1:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	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

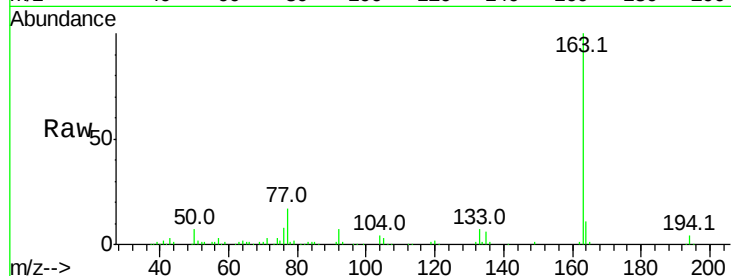




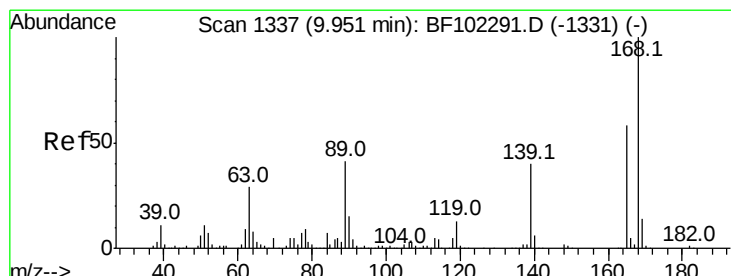
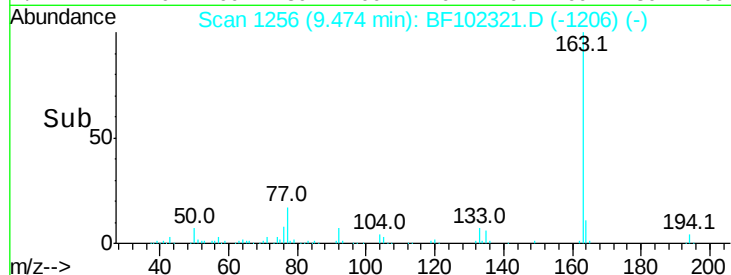
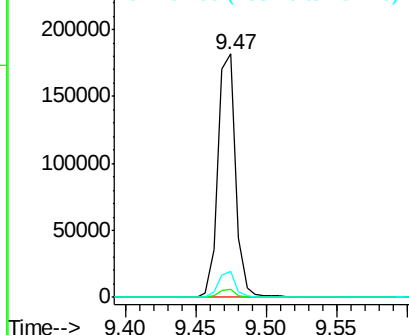
#49
 Dimethylphthalate
 Concen: 9.860 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF102321.D
 Acq: 23 Jan 2018 1:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	159139
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.6	8.2	12.2

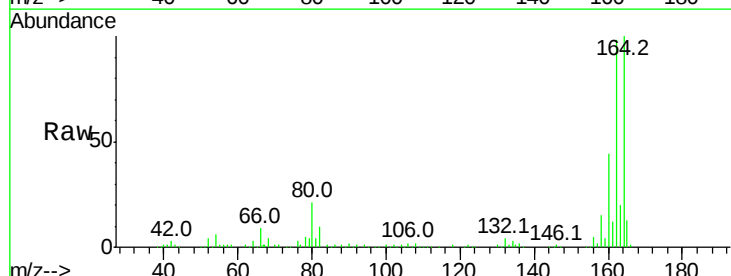


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

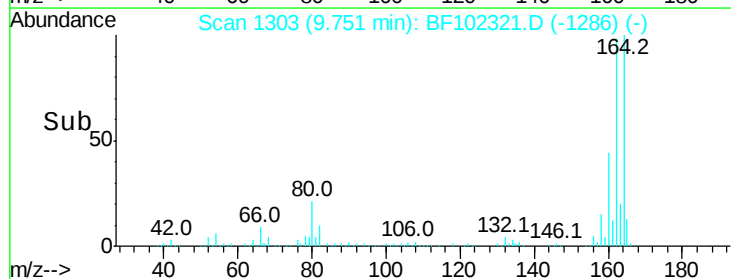
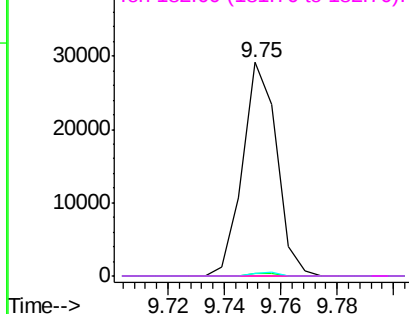


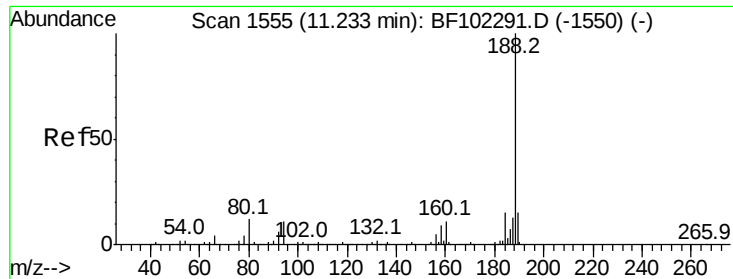
#56
 2,4-Dinitrotoluene
 Concen: 5.718 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102321.D
 Acq: 23 Jan 2018 1:12

Tgt Ion:	165	Resp:	24469
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.1	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

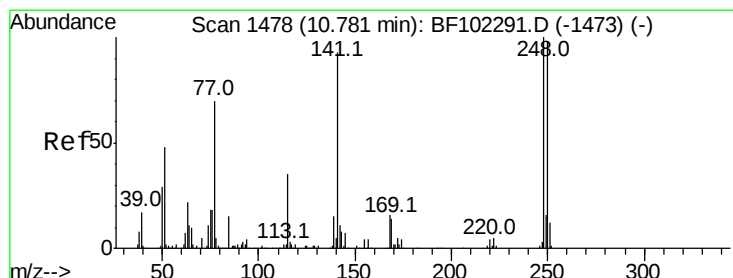
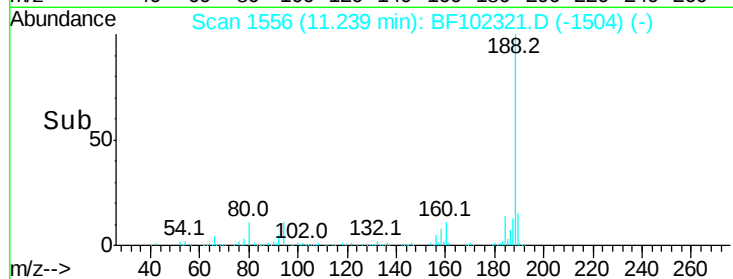
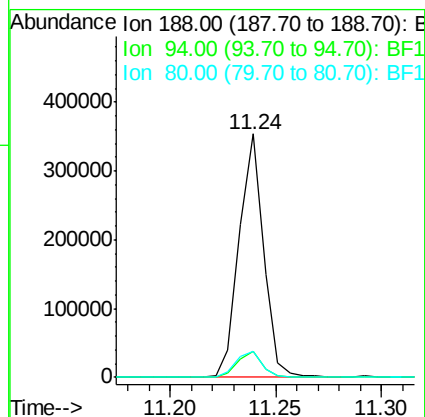
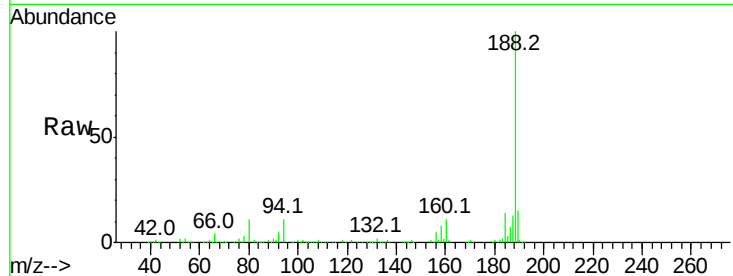




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102321.D
Acq: 23 Jan 2018 1:12

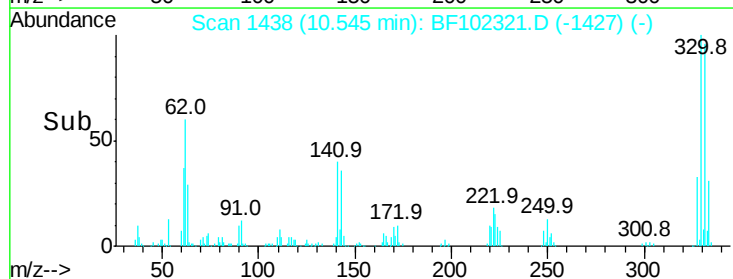
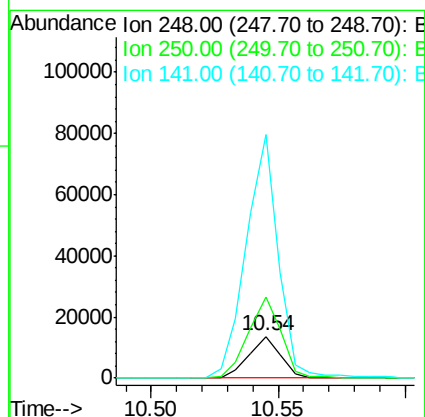
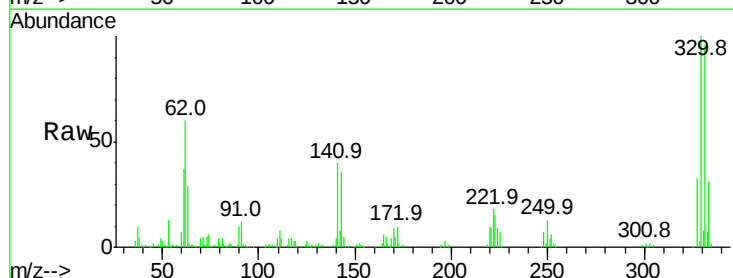
Instrument :
BNA_F
ClientSampleId :

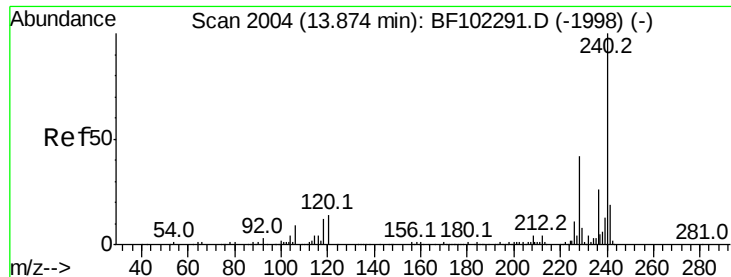
Tot Ion:188 Resp: 283043
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.930 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102321.D
Acq: 23 Jan 2018 1:12

Tgt Ion:248 Resp: 11973
Ion Ratio Lower Upper
248 100
250 196.0 76.9 115.3#
141 587.4 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: BF102321.D

Acq: 23 Jan 2018 1:12

Instrument :

BNA_F

ClientSampleId :

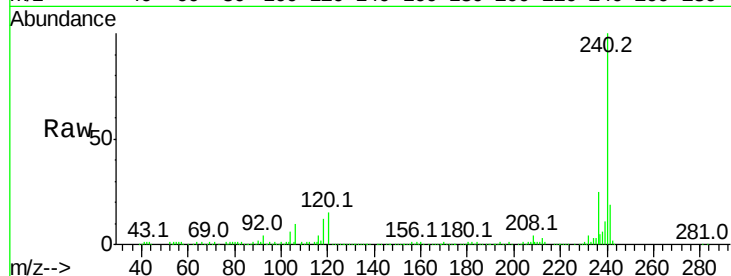
Tot Ion:240 Resp: 251302

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

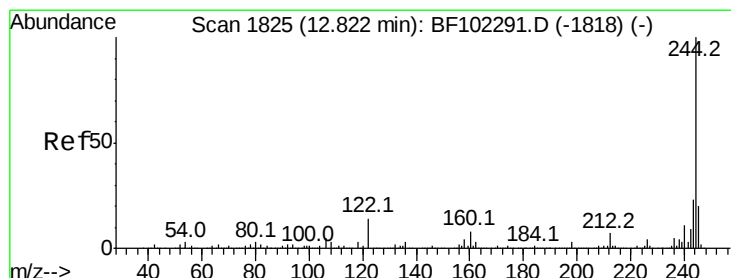
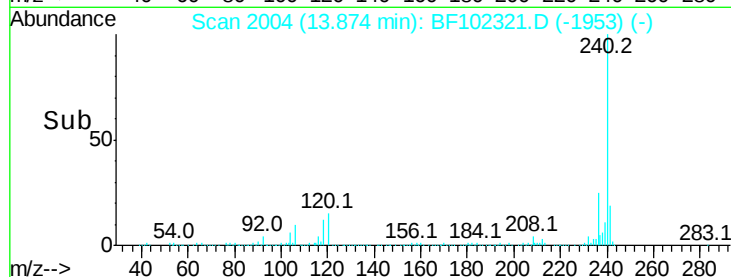
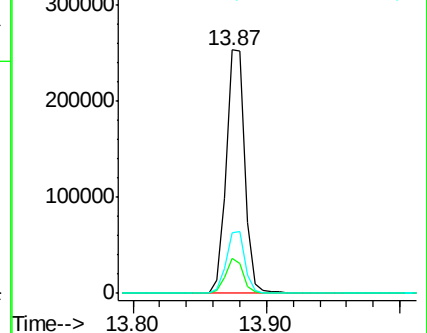
236 24.6 20.7 31.1



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: 54.878 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102321.D

Acq: 23 Jan 2018 1:12

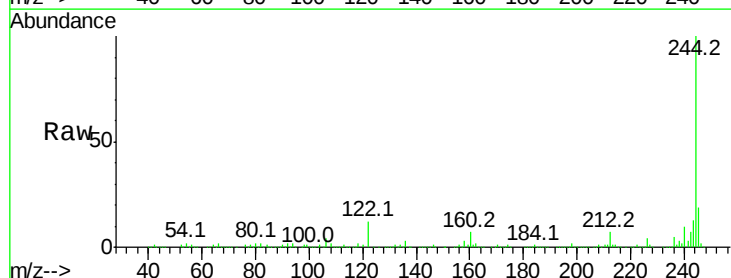
Tgt Ion:244 Resp: 611744

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

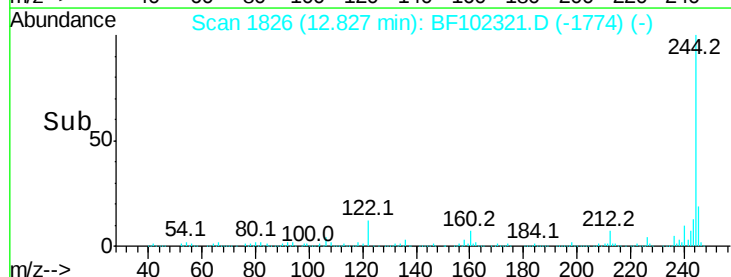
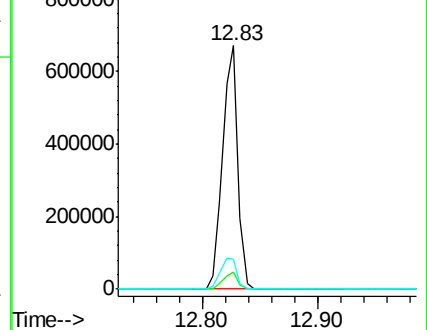
122 12.4 11.0 16.4

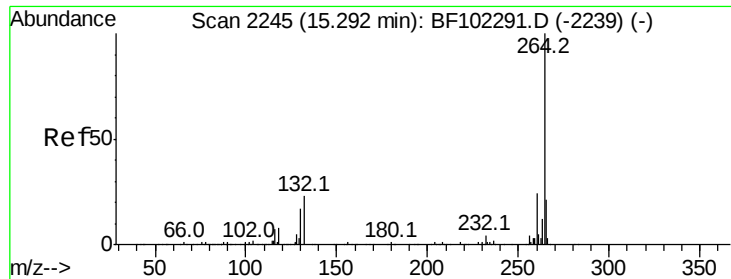


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102321.D
 Acq: 23 Jan 2018 1:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.2	17.5	26.3

