

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101068.D
 Acq On : 1 Dec 2017 17:31
 Operator : SJ/JU
 Sample : I6641-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

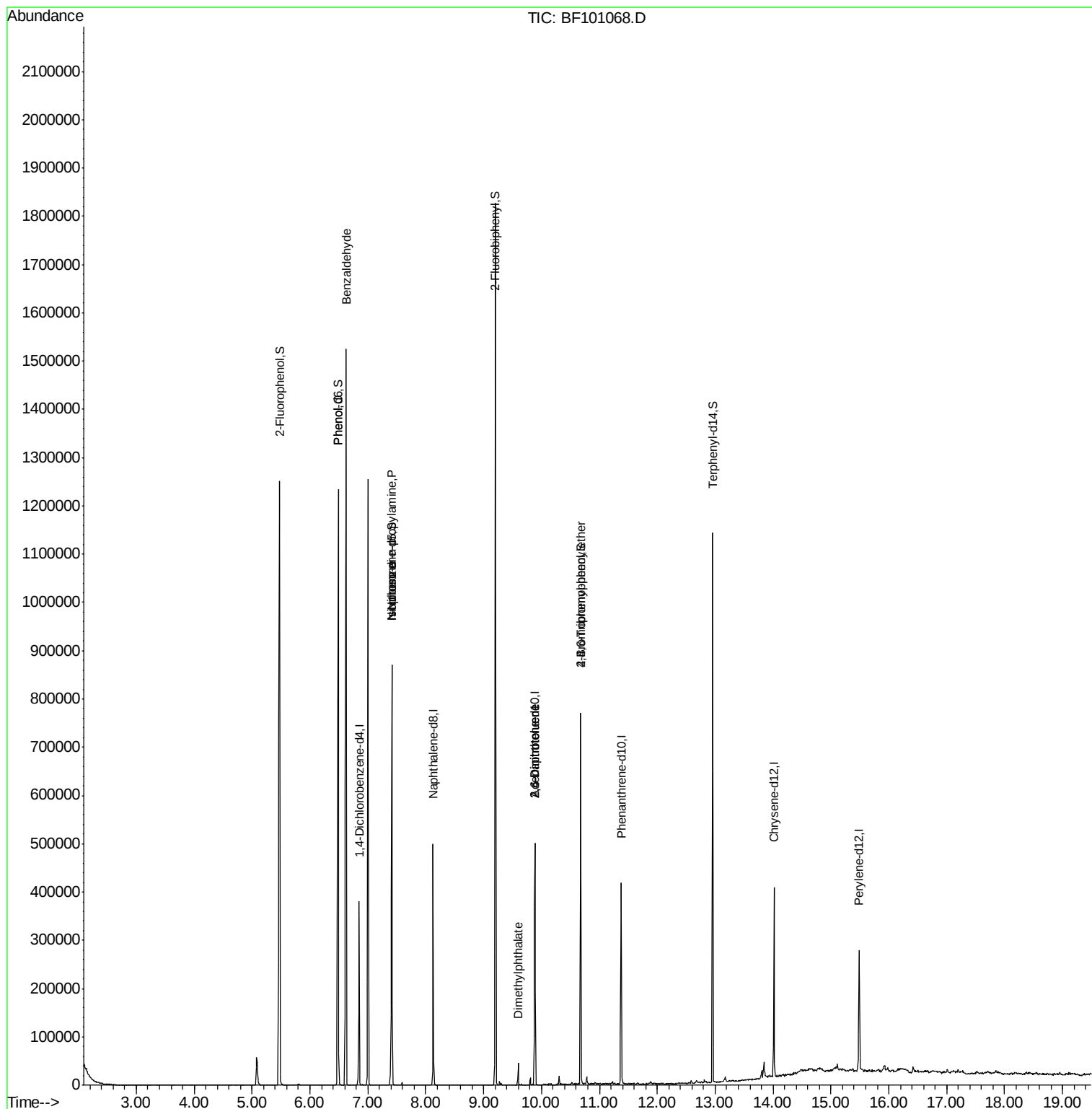
Quant Time: Dec 01 21:51:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

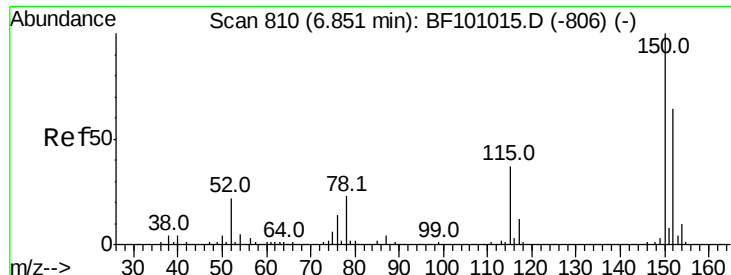
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53803	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	207623	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94654	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	150322	20.00	ng	0.00
75) Chrysene-d12	14.02	240	124769	20.00	ng	0.00
86) Perylene-d12	15.49	264	111973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	383876	117.90	ng	0.01
7) Phenol-d6	6.49	99	458331	115.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	279293	80.24	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	90966	80.00	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	551497	79.72	ng	0.00
78) Terphenyl-d14	12.96	244	384364	67.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	8529	3.525	ng	86
10) Phenol	6.49	94	15554	3.539	ng	# 73
19) n-Nitroso-di-n-propylamine	7.42	70	36629	13.759	ng	# 83
25) Isophorone	7.42	82	279290	46.978	ng	# 64
49) Dimethylphthalate	9.60	163	19874	2.603	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	11915	7.411	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11915	5.530	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5818	3.458	ng	# 1

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\  
Data File : BF101068.D  
Acq On    : 1 Dec 2017 17:31  
Operator  : SJ/JU  
Sample    : I6641-01RE  
Misc      :  
ALS Vial  : 14 Sample Multiplier: 1
```

Quant Time: Dec 01 21:51:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration



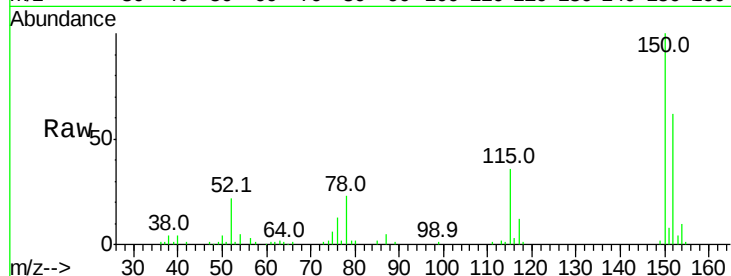


#1

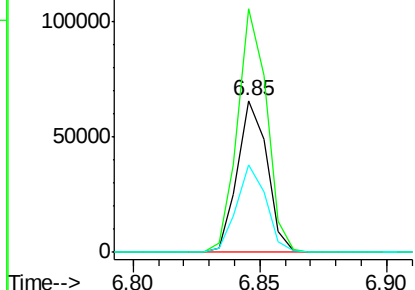
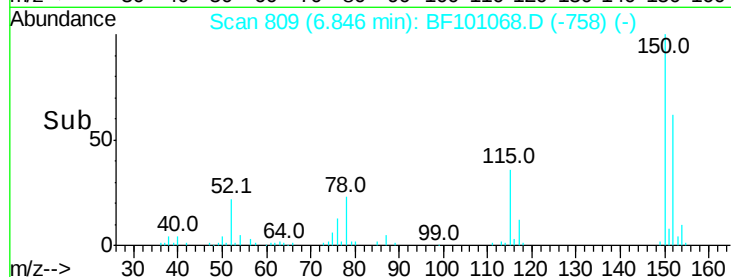
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion:152 Resp: 53803
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 57.5 50.1 75.1



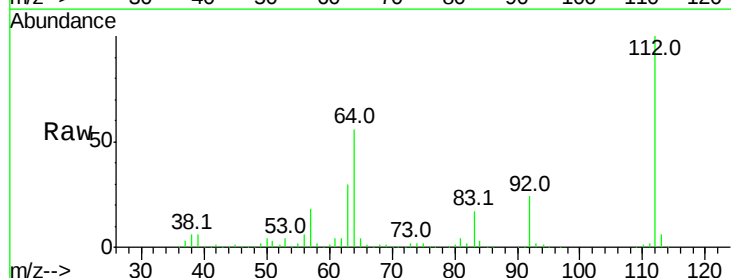
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



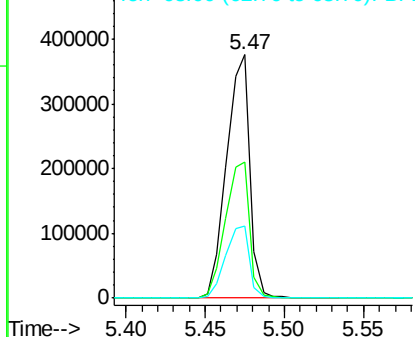
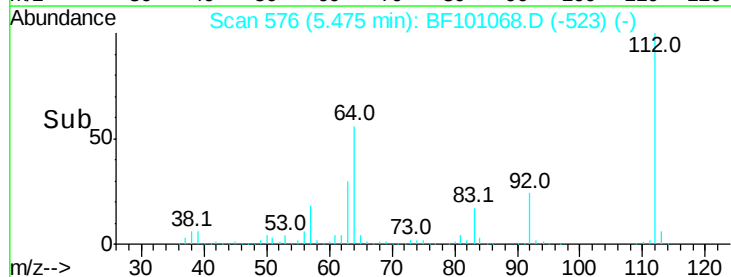
#5

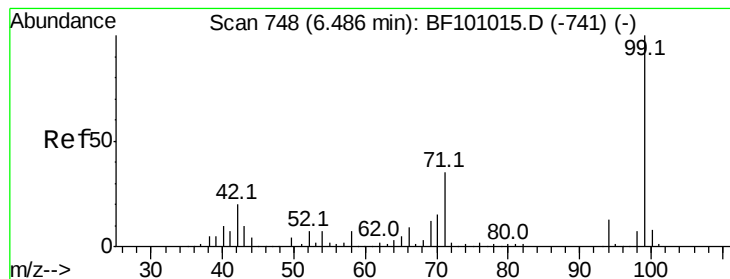
2-Fluorophenol
Concen: 117.899 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:112 Resp: 383876
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 29.5 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: 115.943 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

Instrument :

BNA_F

ClientSampled :

TP-1

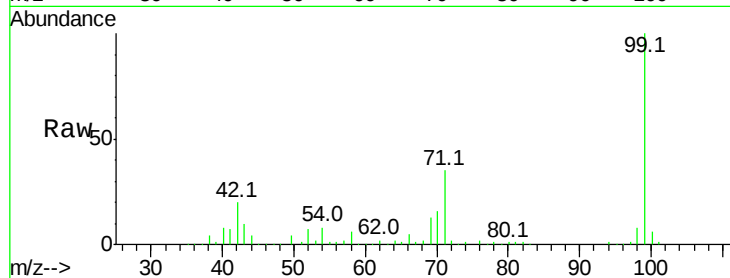
Tot Ion: 99 Resp: 458331

Ion Ratio Lower Upper

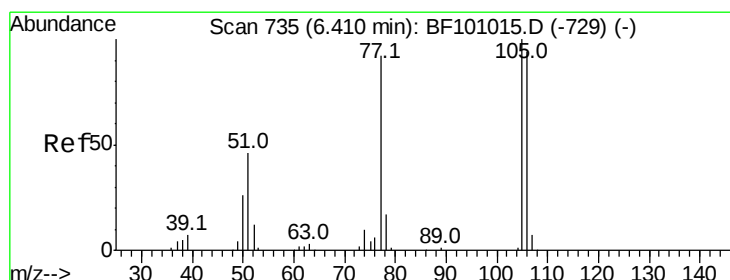
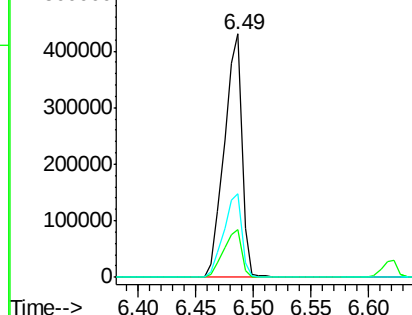
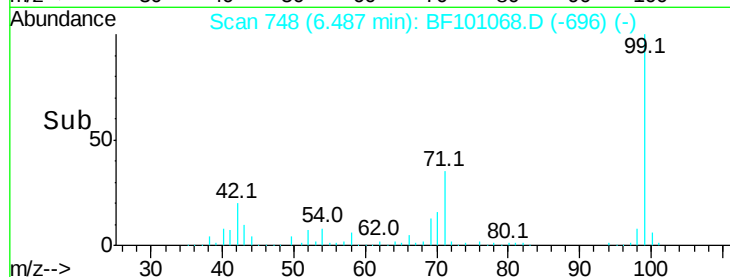
99 100

42 19.5 14.5 21.7

71 34.5 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: 3.525 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

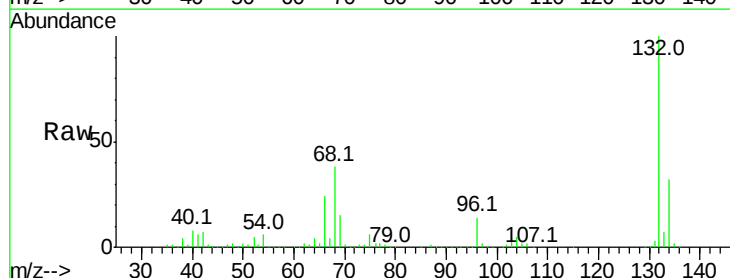
Tgt Ion: 77 Resp: 8529

Ion Ratio Lower Upper

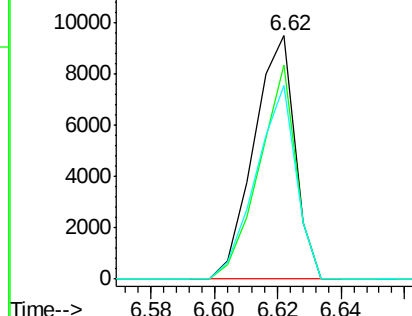
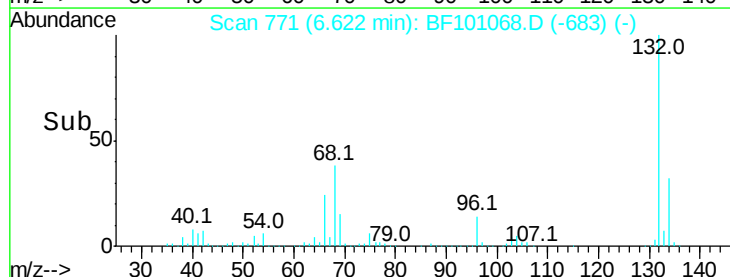
77 100

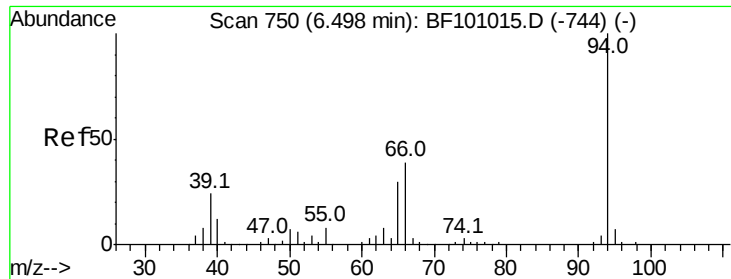
105 87.7 81.1 121.1

106 79.8 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

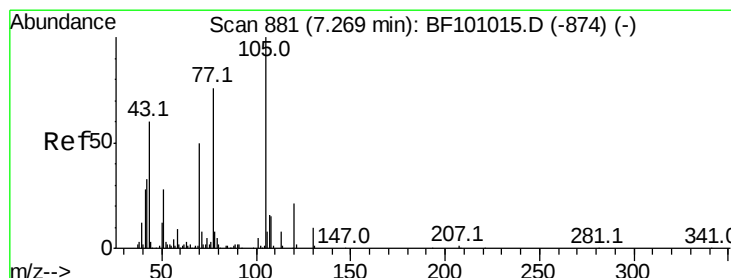
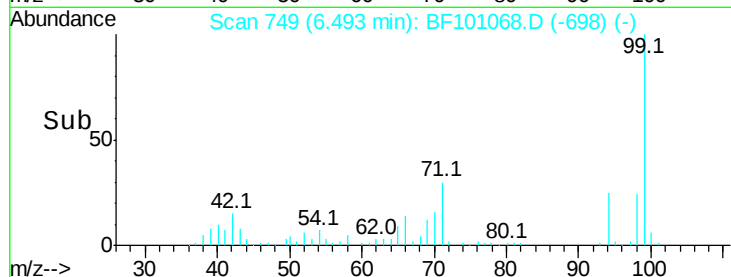
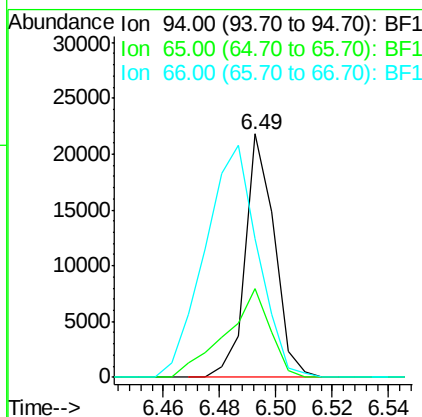
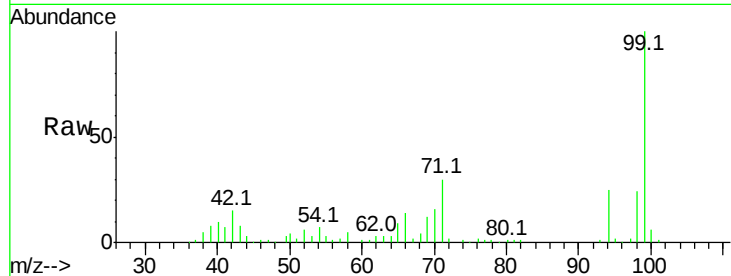




#10
Phenol
Concen: 3.539 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

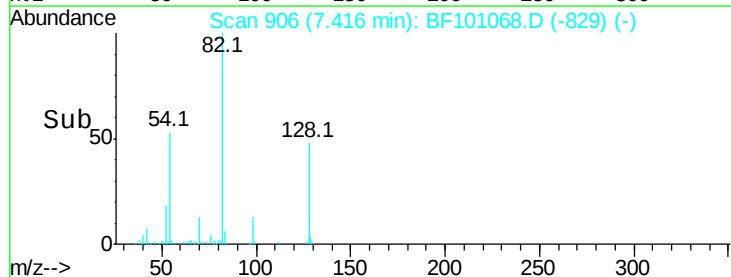
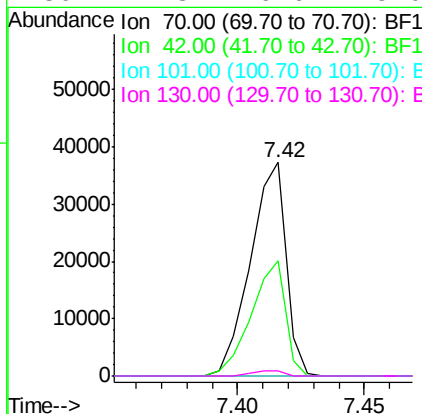
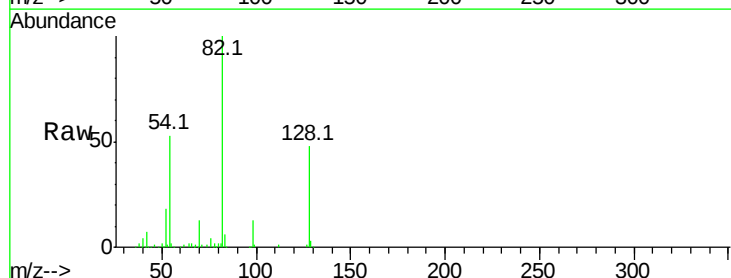
Instrument :
BNA_F
ClientSampled :
TP-1

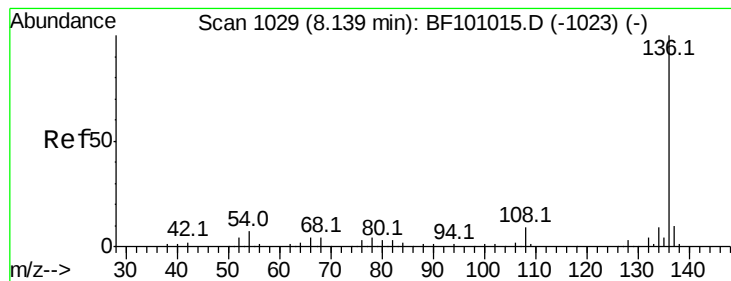
Tot Ion: 94 Resp: 15554
Ion Ratio Lower Upper
94 100
65 36.3 7.9 47.9
66 56.9 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.759 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion: 70 Resp: 36629
Ion Ratio Lower Upper
70 100
42 53.9 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

Instrument :

BNA_F

ClientSampleId :

TP-1

Tot Ion:136 Resp: 207623

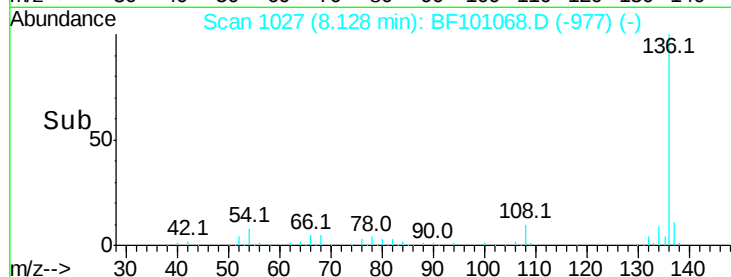
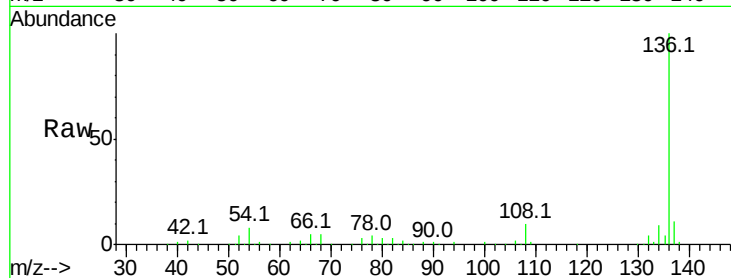
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.1 6.6 9.8

68 4.8 5.0 7.4#

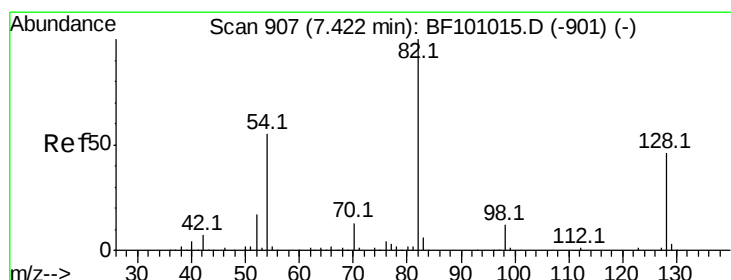
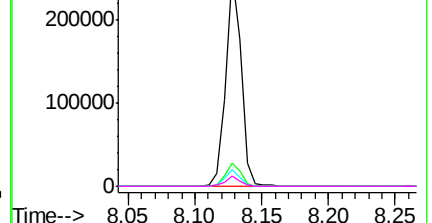


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.245 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

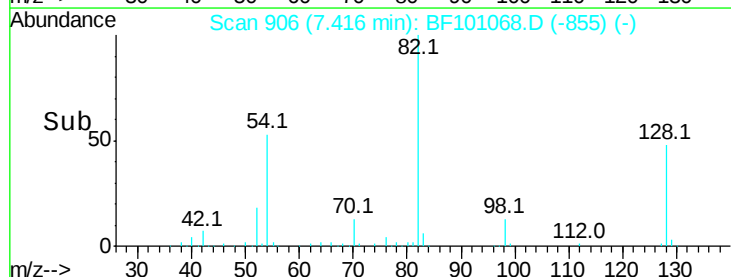
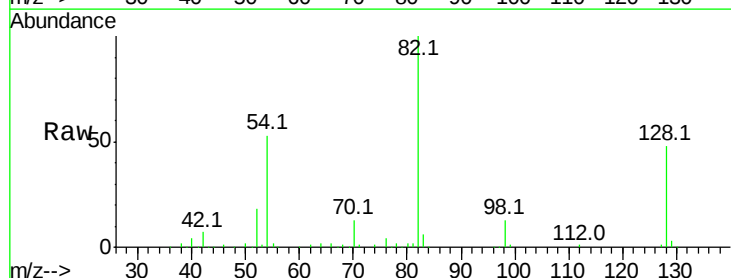
Tgt Ion: 82 Resp: 279293

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

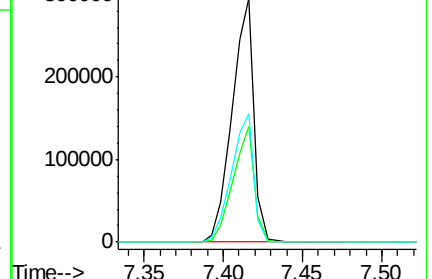
54 52.6 41.4 62.2

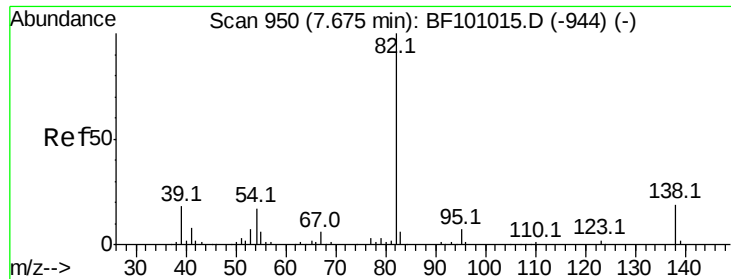


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.978 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

Instrument :

BNA_F

ClientSampleId :

TP-1

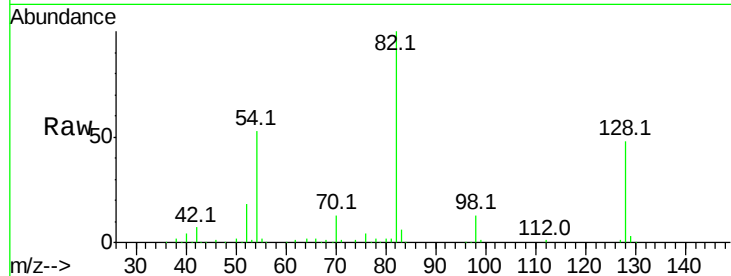
Tot Ion: 82 Resp: 279290

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

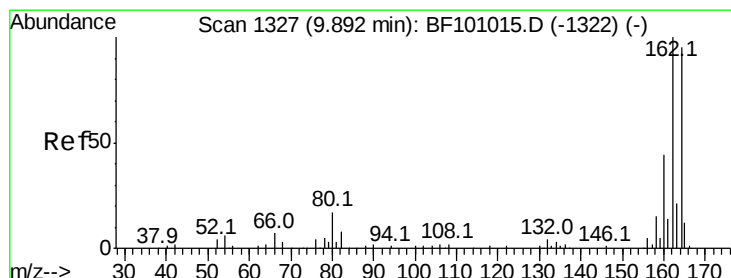
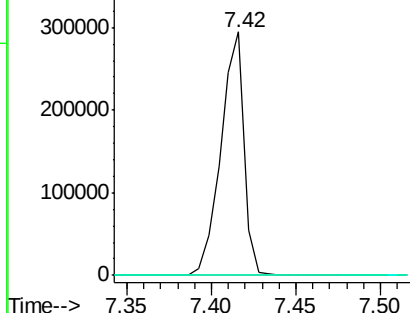
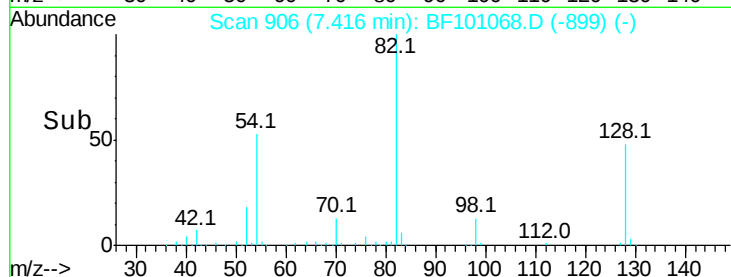
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

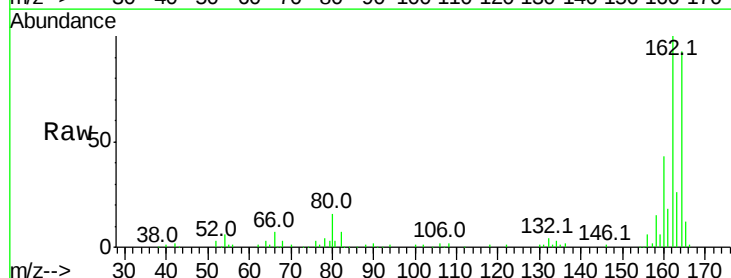
Tgt Ion:164 Resp: 94654

Ion Ratio Lower Upper

164 100

162 107.2 86.1 129.1

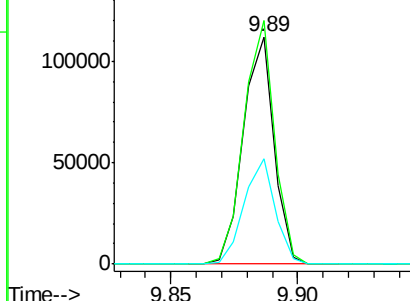
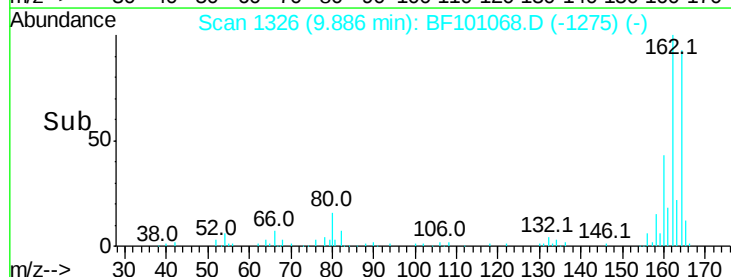
160 46.4 38.3 57.5

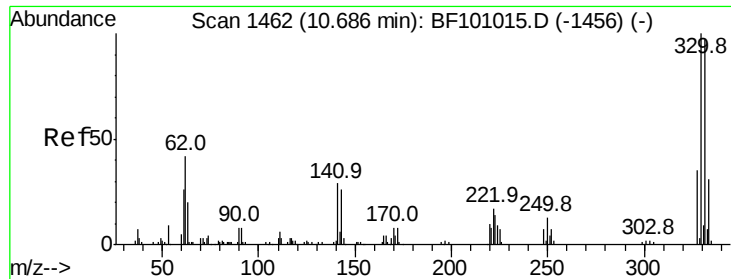


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

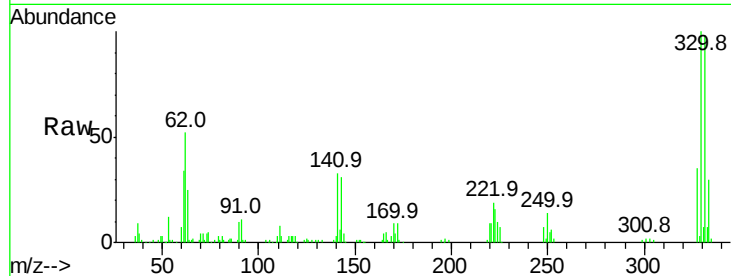




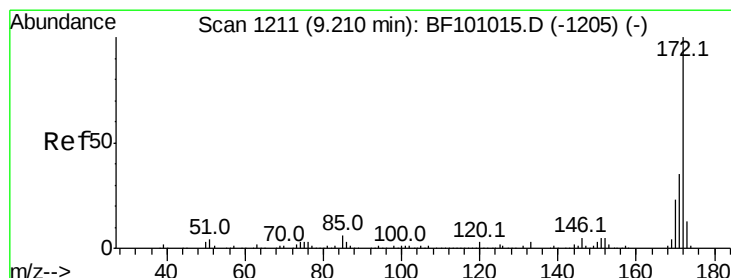
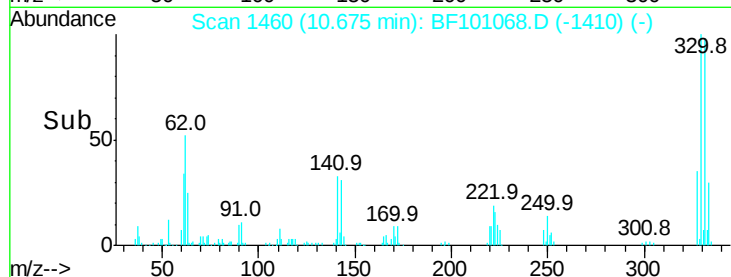
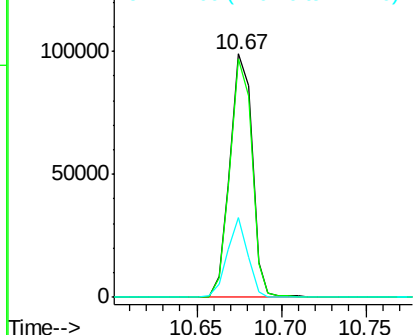
#41
 2,4,6-Tribromophenol
 Concen: 80.001 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion:330 Resp: 90966
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 29.8 29.9 44.9#

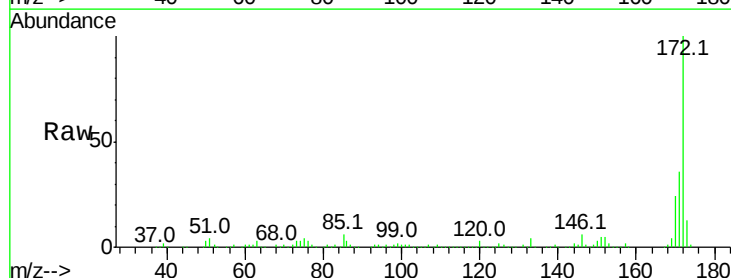


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

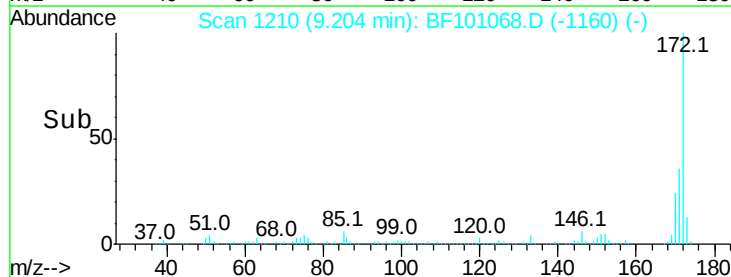
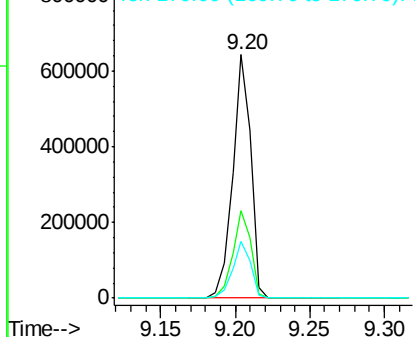


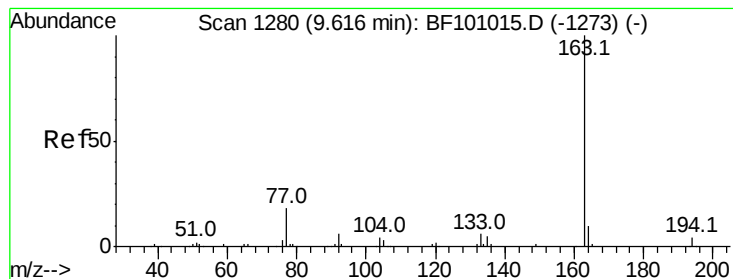
#44
 2-Fluorobiphenyl
 Concen: 79.717 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

Tgt Ion:172 Resp: 551497
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.5 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: 2.603 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

Instrument :

BNA_F

ClientSampleId :

TP-1

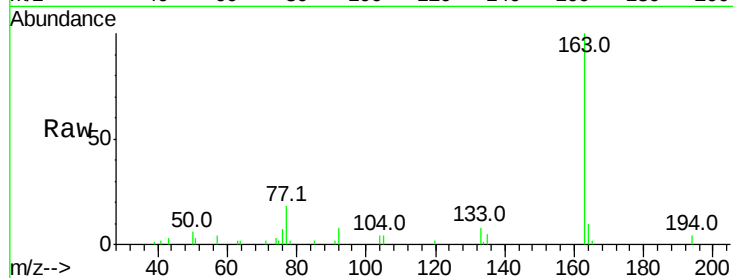
Tot Ion:163 Resp: 19874

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

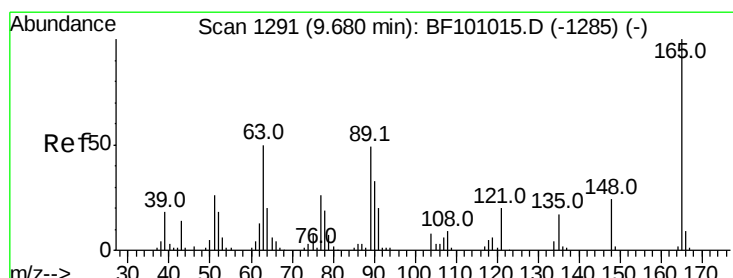
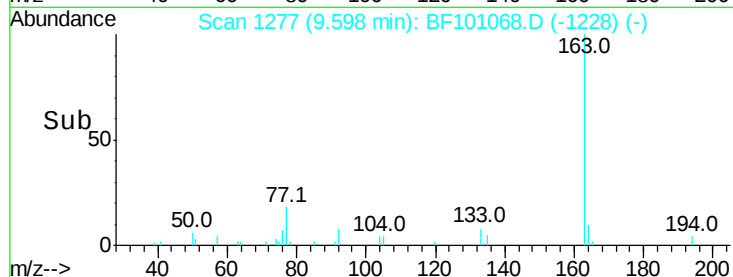
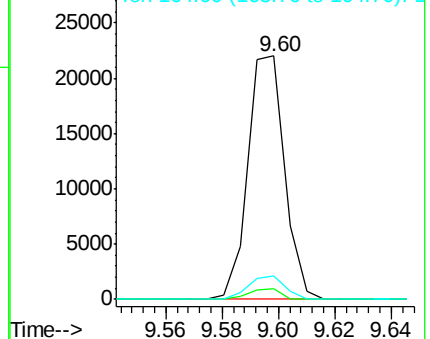
164 9.5 8.2 12.2



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: 7.411 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF101068.D

Acq: 1 Dec 2017 17:31

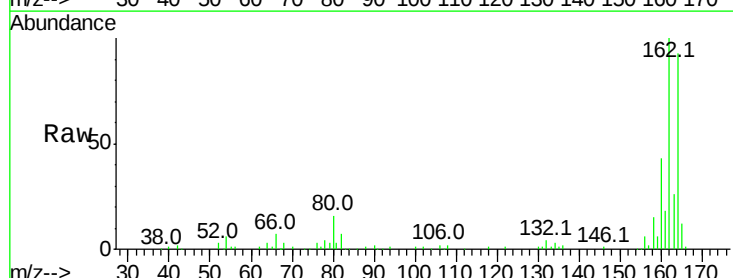
Tgt Ion:165 Resp: 11915

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

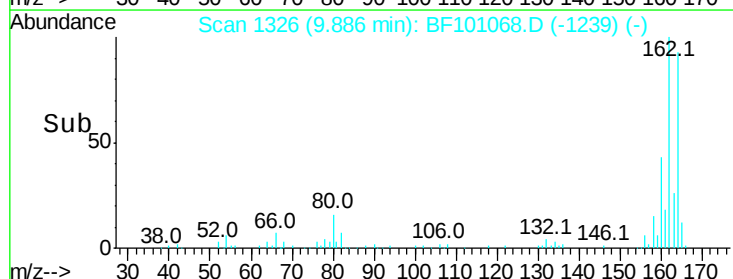
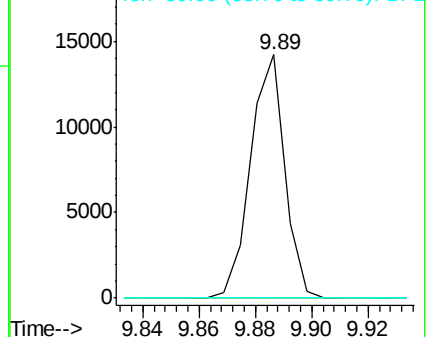
89 0.0 44.0 66.0#

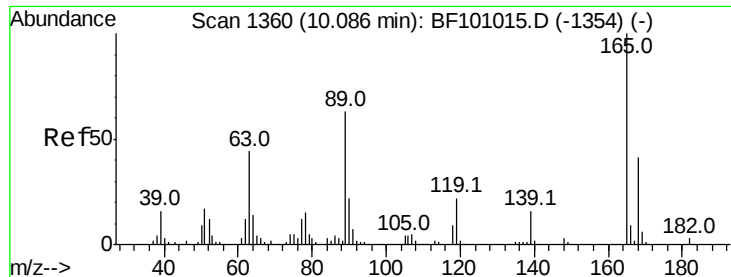


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

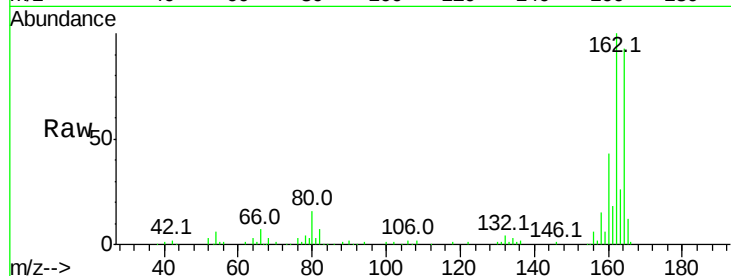




#56
 2,4-Dinitrotoluene
 Concen: 5.530 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:165	Resp:	11915
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#

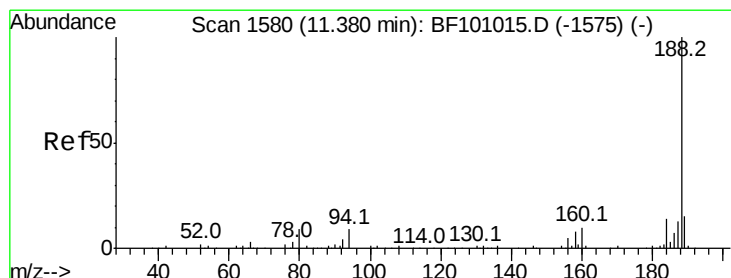
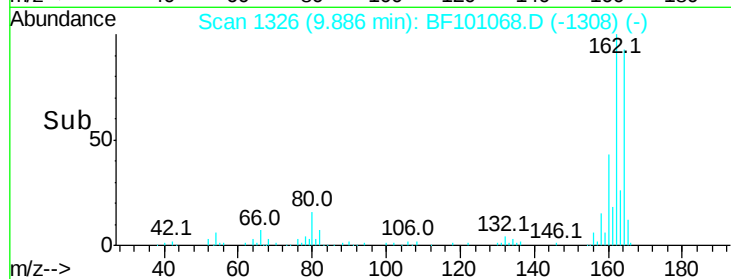
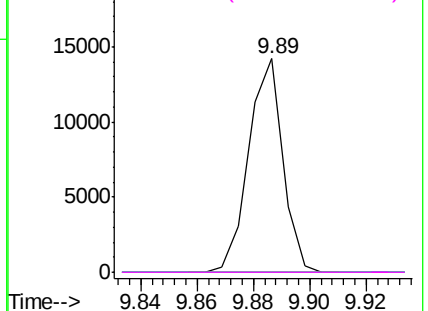


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

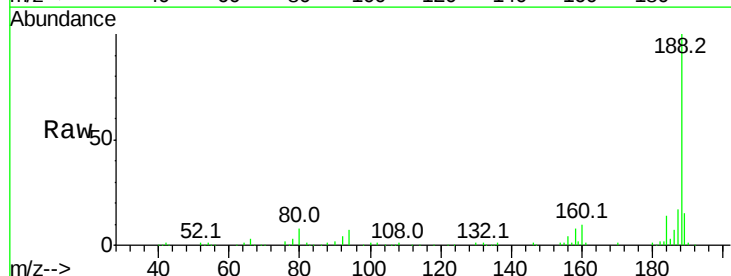
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

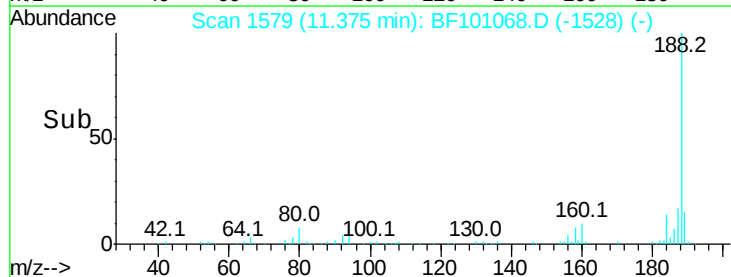
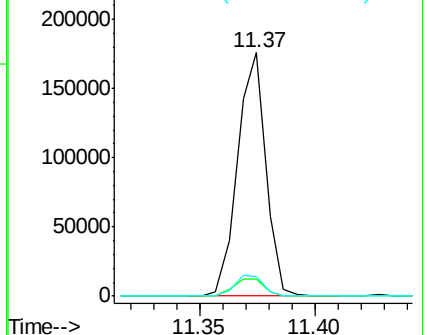
Tgt Ion:188	Resp:	150322
Ion Ratio	Lower	Upper
188	100	
94	7.1	8.5 12.7#
80	7.8	9.2 13.8#

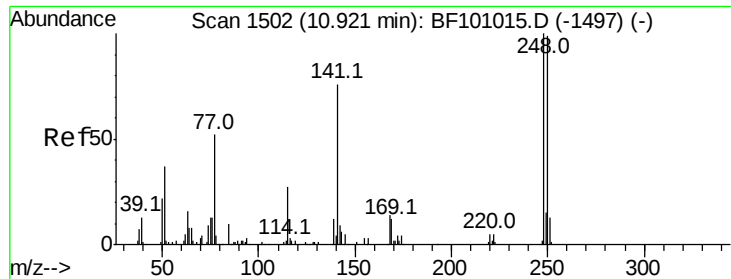


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

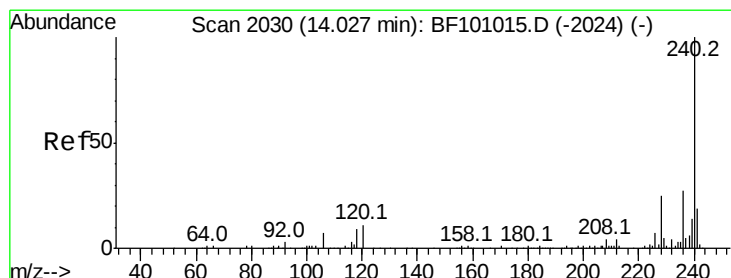
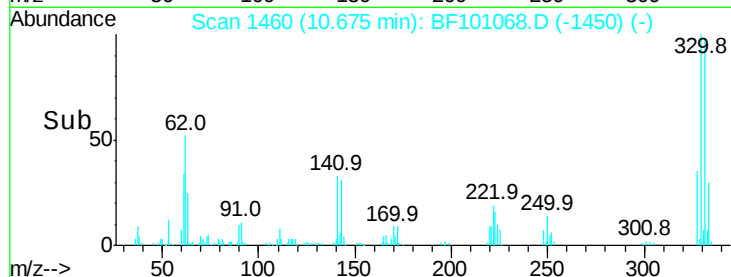
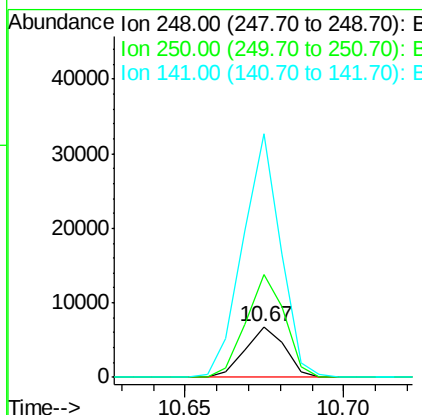
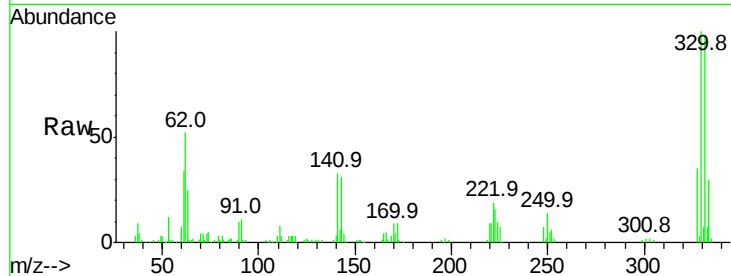




#66
 4-Bromophenyl-phenylether
 Concen: 3.458 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

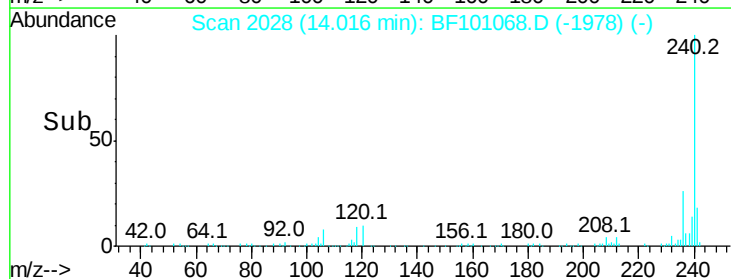
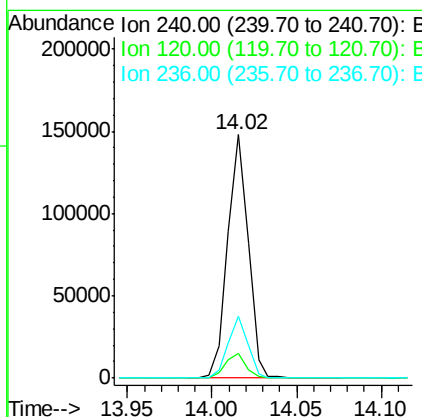
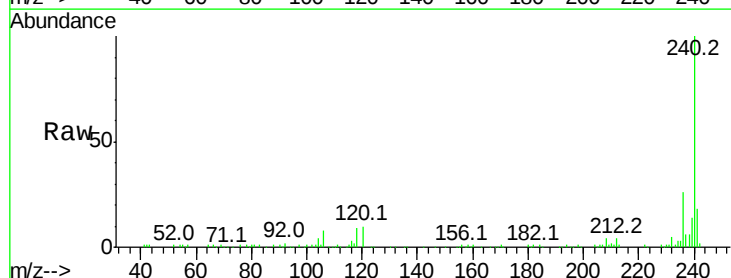
Instrument :
 BNA_F
 ClientSampled :
 TP-1

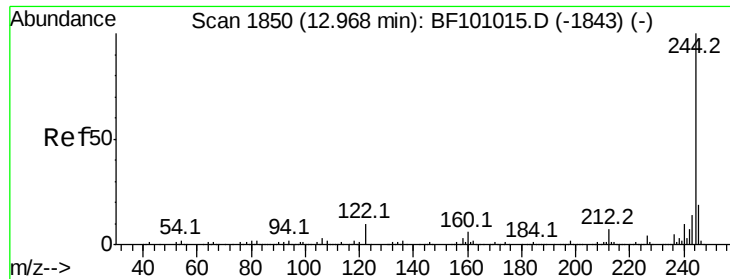
Tot Ion:248 Resp: 5818
 Ion Ratio Lower Upper
 248 100
 250 205.0 76.9 115.3#
 141 482.7 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

Tgt Ion:240 Resp: 124769
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 25.6 20.7 31.1

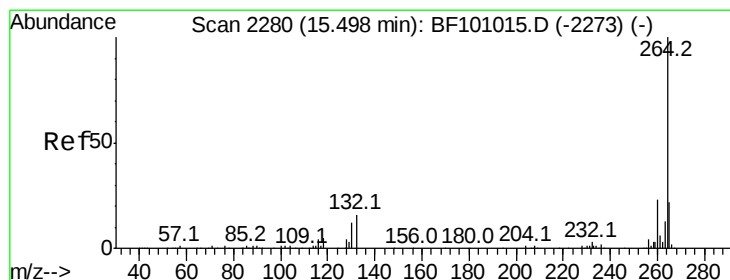
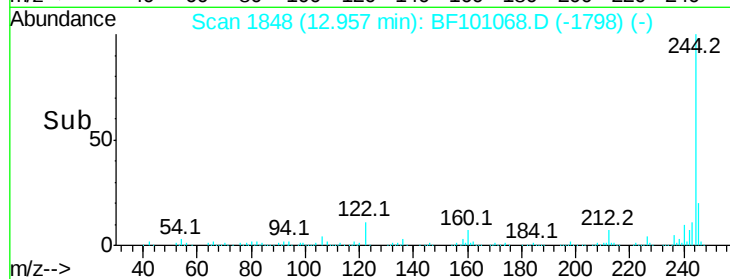
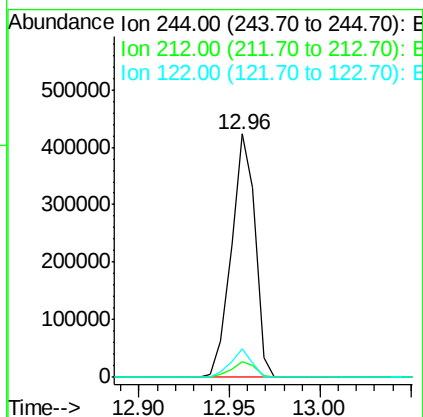
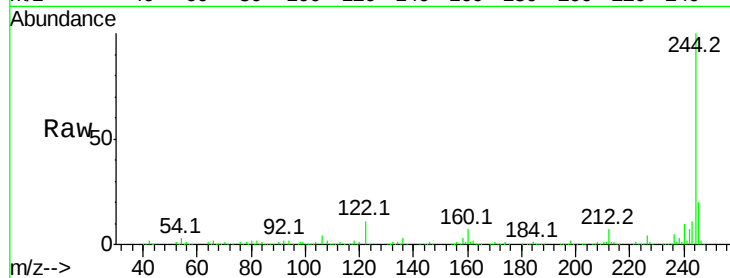




#78
 Terphenyl-d14
 Concen: 67.381 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:244 Resp: 384364
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF101068.D
 Acq: 1 Dec 2017 17:31

Tgt Ion:264 Resp: 111973
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.4 17.5 26.3

