

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102038.D
 Acq On : 12 Jan 2018 00:07
 Operator : SJ/JU
 Sample : J1082-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-02

Quant Time: Jan 12 02:20:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

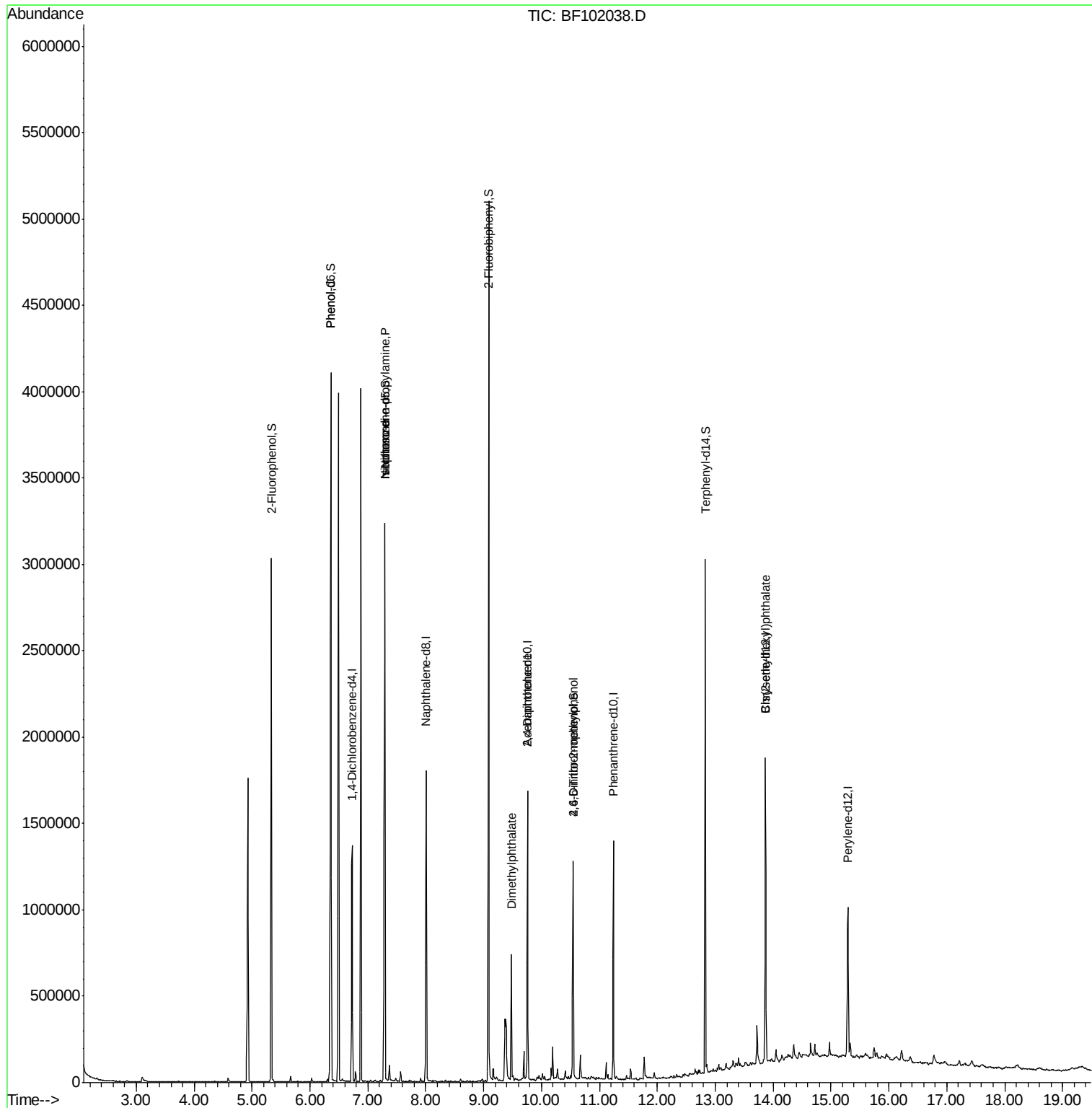
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	198374	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	769209	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	311973	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	428353	20.00	ng	0.00
75) Chrysene-d12	13.87	240	315363	20.00	ng	0.00
86) Perylene-d12	15.29	264	365253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	801418	57.05	ng	0.00
7) Phenol-d6	6.36	99	1613976	96.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	1074159	82.06	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	138814	50.99	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1606513	80.45	ng	0.00
78) Terphenyl-d14	12.83	244	938599	61.79	ng	0.00
Target Compounds						
10) Phenol	6.37	94	75496	3.986	ng	87
19) n-Nitroso-di-n-propylamine	7.29	70	154697	14.084	ng	# 85
25) Isophorone	7.29	82	1074139	41.530	ng	# 64
49) Dimethylphthalate	9.48	163	258105	10.313	ng	98
56) 2,4-Dinitrotoluene	9.76	165	39580	6.317	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	339	5.791	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.86	149	305496	20.817	ng	# 100

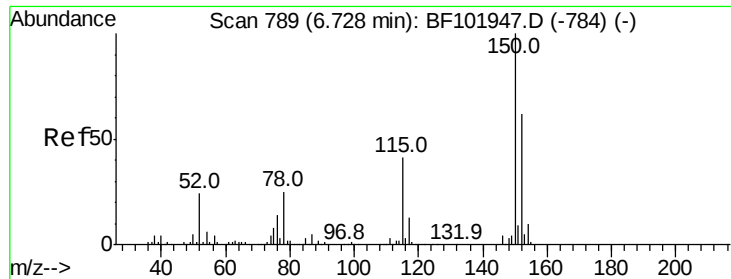
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\  
Data File : BF102038.D  
Acq On    : 12 Jan 2018  00:07  
Operator  : SJ/JU  
Sample    : J1082-01  
Misc      :  
ALS Vial  : 22      Sample Multiplier: 1
```

Instrument :
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Quant Time: Jan 12 02:20:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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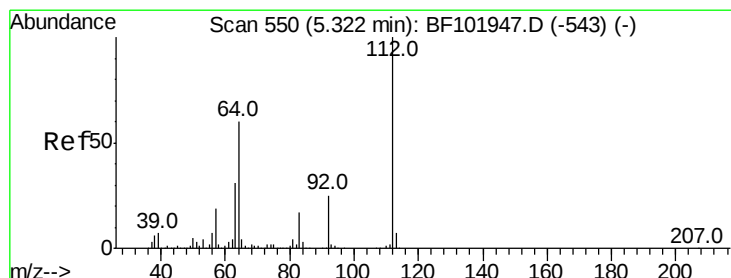
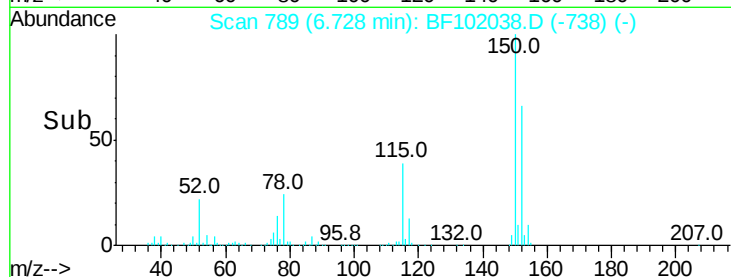
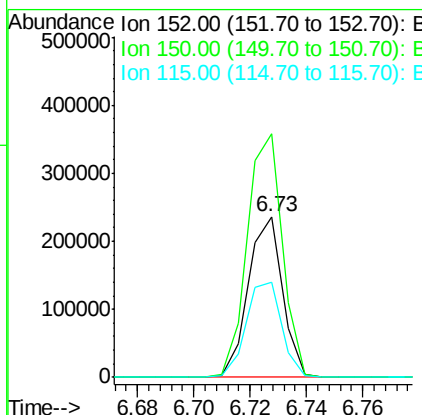
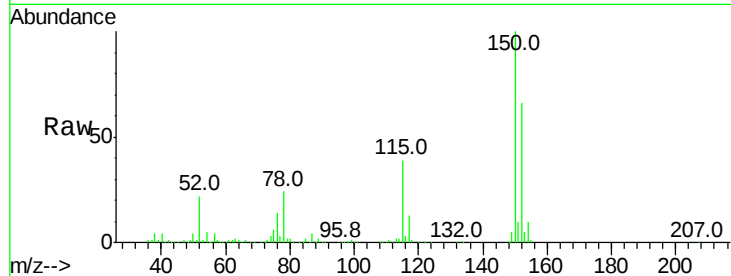


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

Instrument :
BNA_F
ClientSampleId :
EP-02

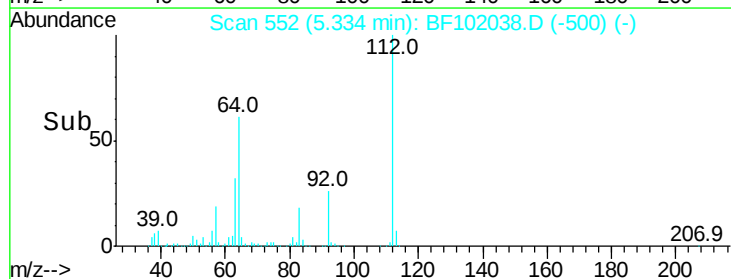
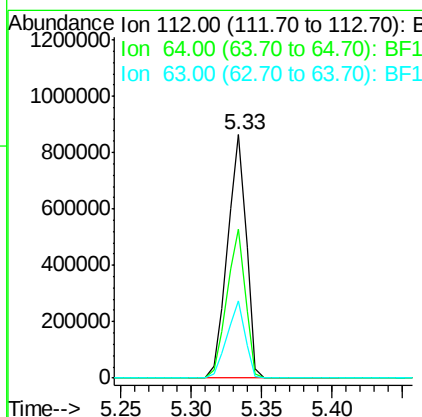
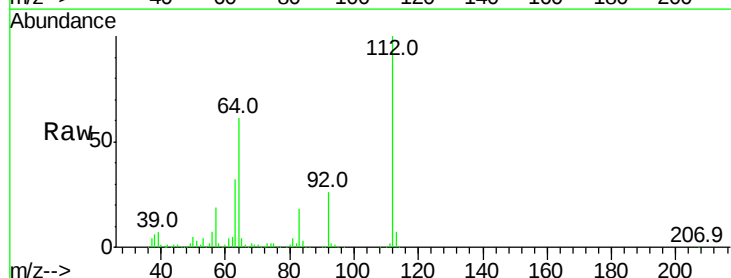
Tot Ion:152 Resp: 198374
Ion Ratio Lower Upper
152 100
150 151.2 124.6 186.8
115 58.7 50.1 75.1



#5

2-Fluorophenol
Concen: 57.047 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

Tgt Ion:112 Resp: 801418
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 96.293 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

Instrument :

BNA_F

ClientSampleId :

EP-02

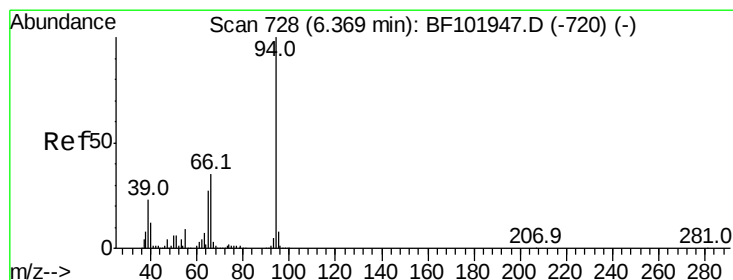
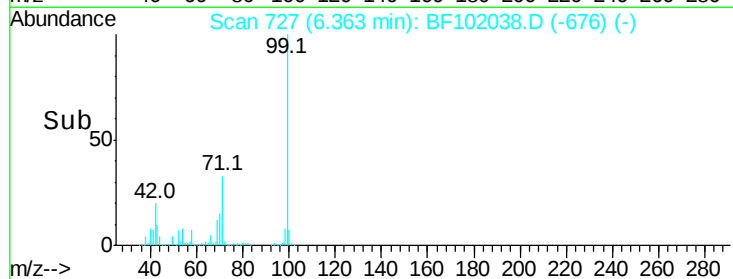
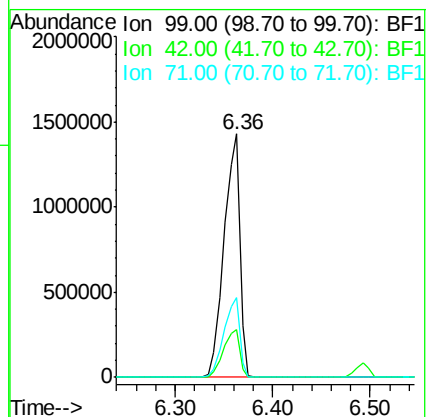
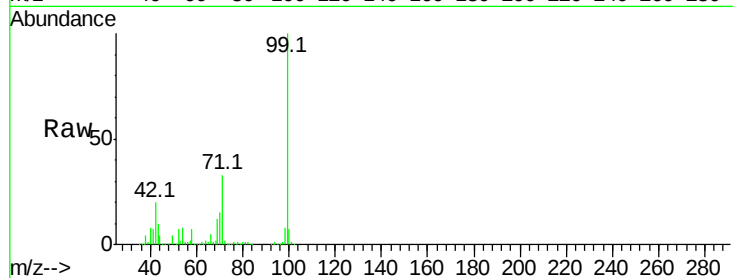
Tot Ion: 99 Resp: 1613976

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 3.986 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

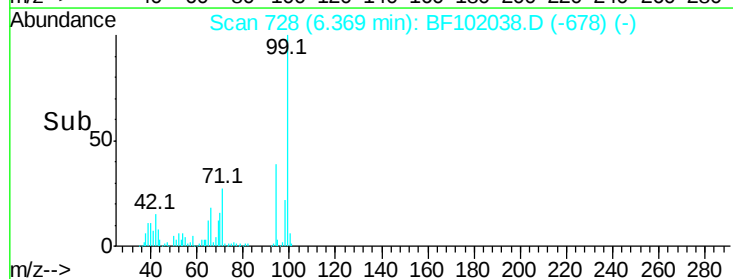
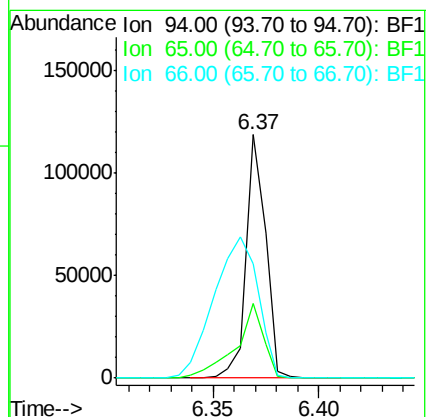
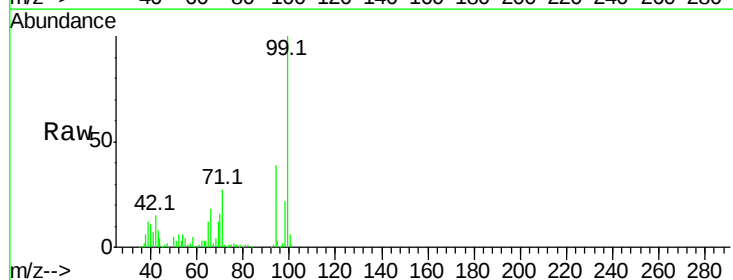
Tgt Ion: 94 Resp: 75496

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 47.1 16.2 56.2

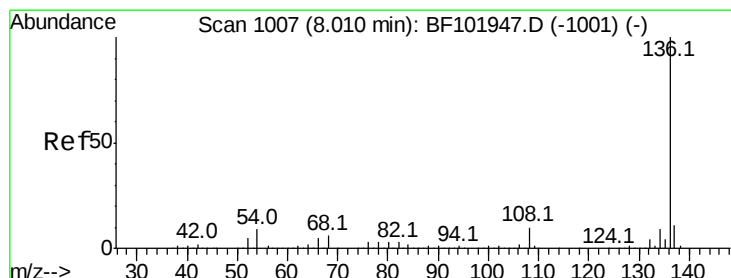
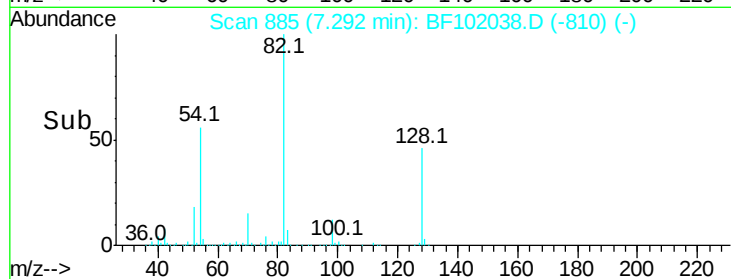
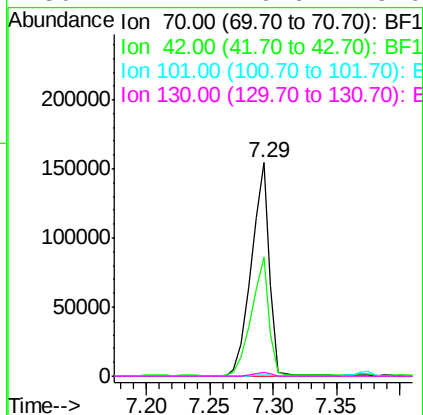
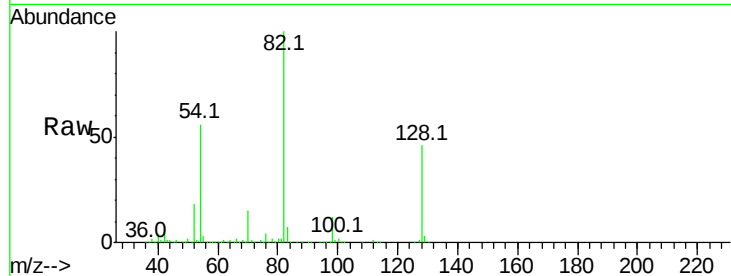




#19
n-Nitroso-di-n-propylamine
Concen: 14.084 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

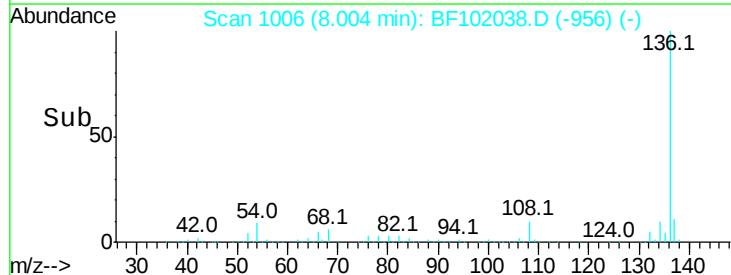
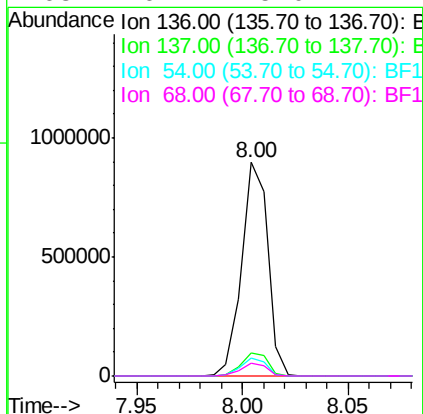
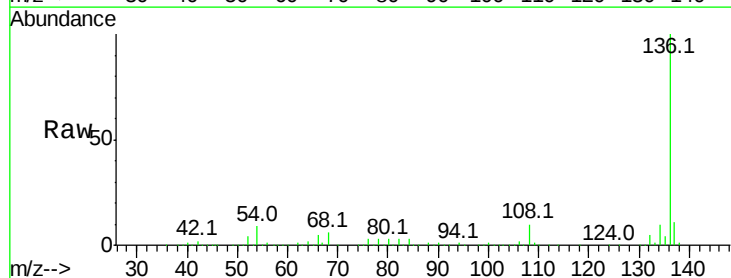
Instrument :
BNA_F
ClientSampled :
EP-02

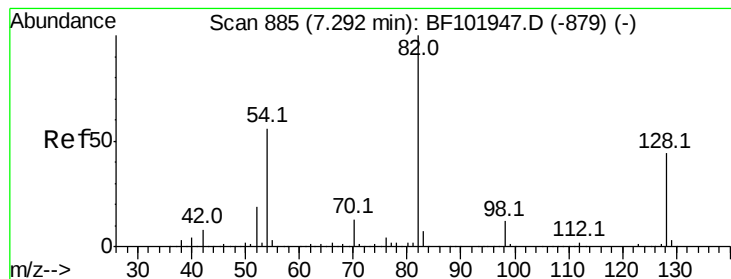
Tot Ion: 70 Resp: 154697
Ion Ratio Lower Upper
70 100
42 55.7 47.5 71.3
101 0.7 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

Tgt Ion:136 Resp: 769209
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 6.6 9.8
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.061 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

Instrument :

BNA_F

ClientSampleId :

EP-02

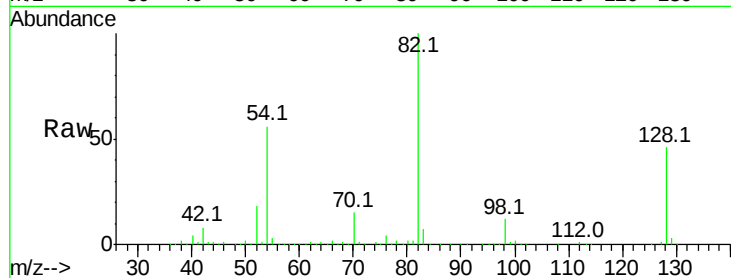
Tot Ion: 82 Resp: 1074159

Ion Ratio Lower Upper

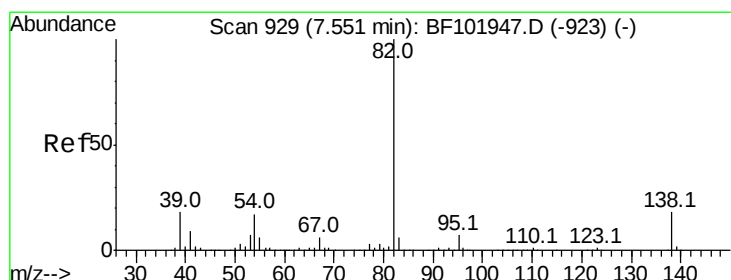
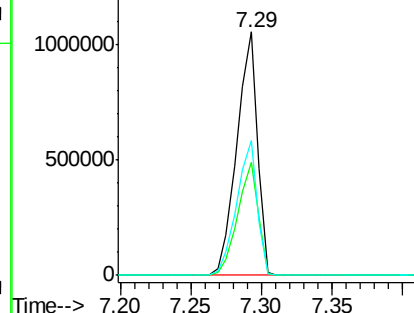
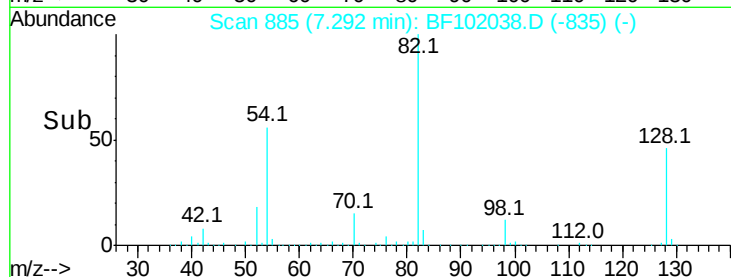
82 100

128 46.2 36.1 54.1

54 55.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 41.530 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

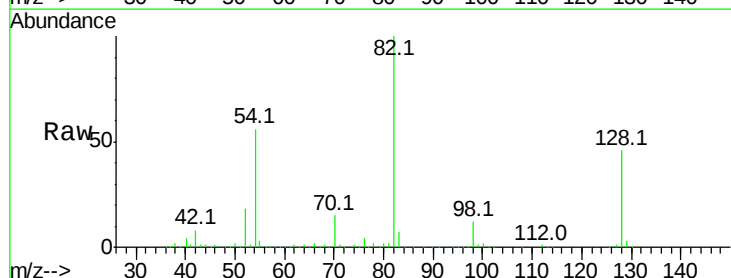
Tgt Ion: 82 Resp: 1074139

Ion Ratio Lower Upper

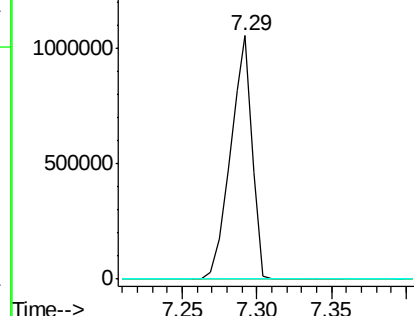
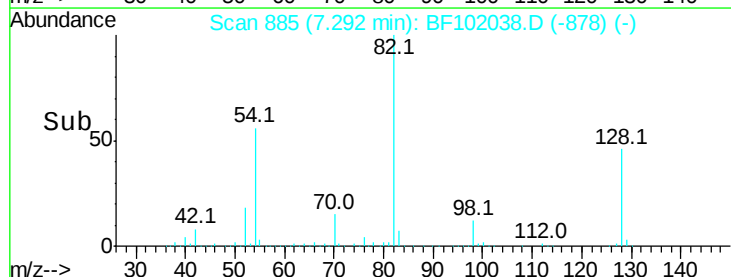
82 100

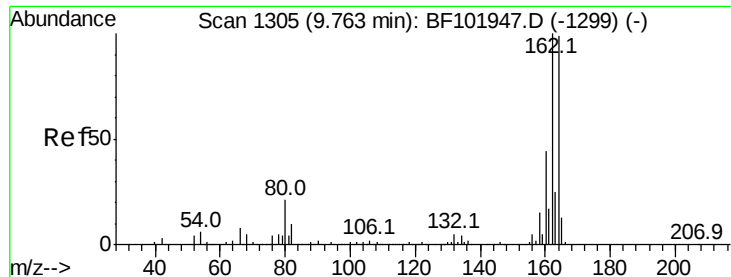
95 0.1 5.2 7.8#

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. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

Instrument :

BNA_F

ClientSampled :

EP-02

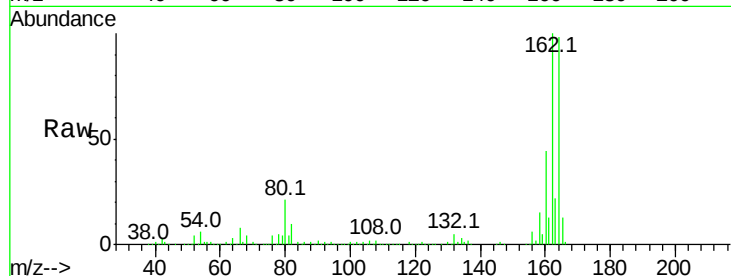
Tot Ion:164 Resp: 311973

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

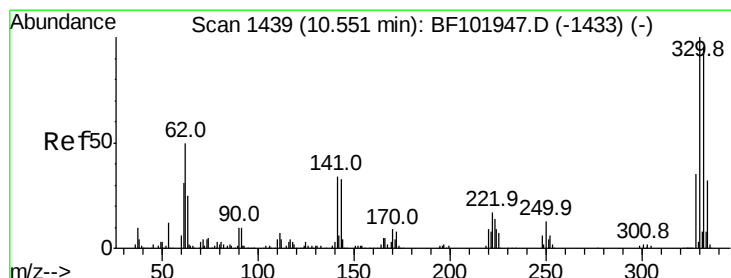
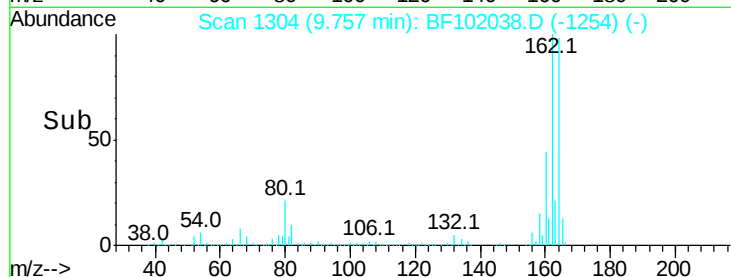
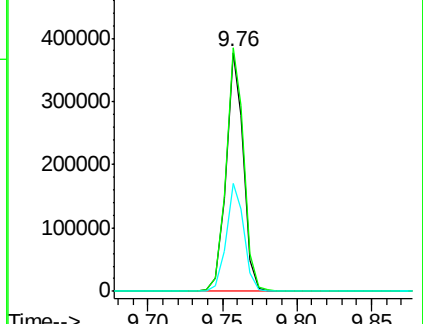
160 45.1 38.3 57.5



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: 50.987 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

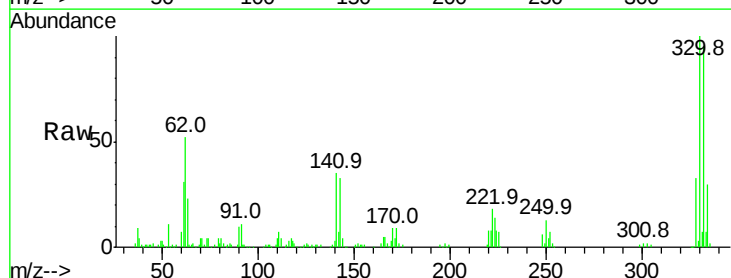
Tgt Ion:330 Resp: 138814

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

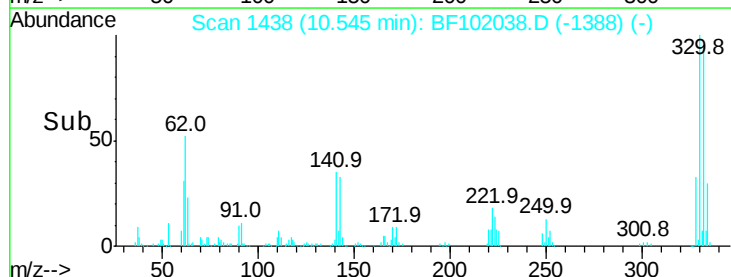
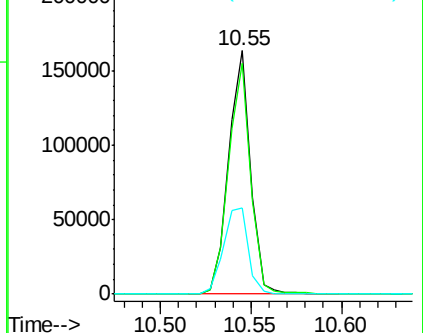
141 40.4 29.9 44.9



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

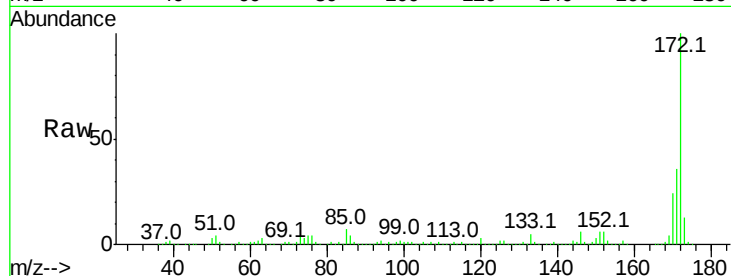




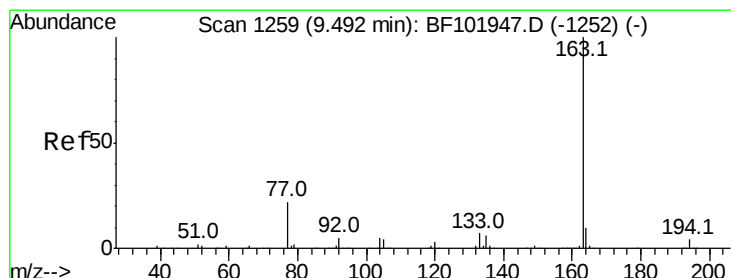
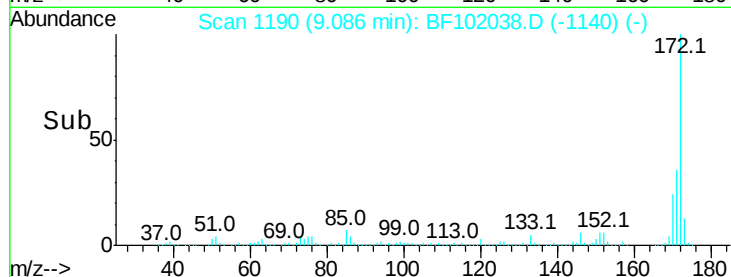
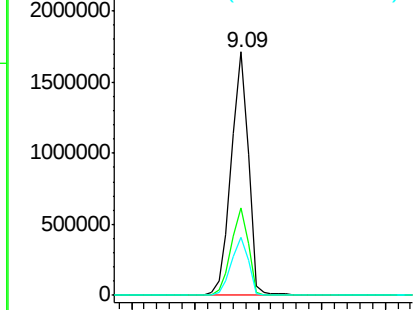
#44
2-Fluorobiphenyl
Concen: 80.450 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

Instrument :
BNA_F
ClientSampleId :
EP-02

Tot Ion:172 Resp: 1606513
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4

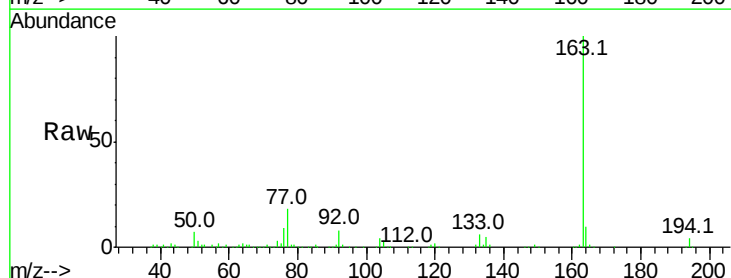


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

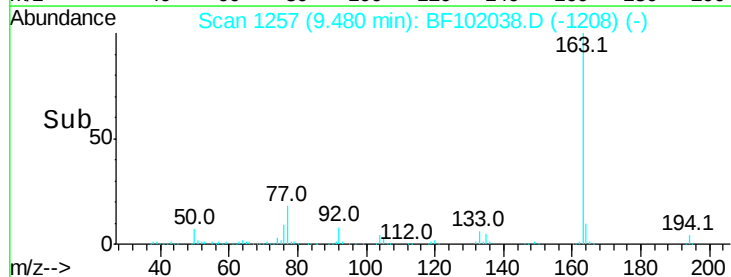
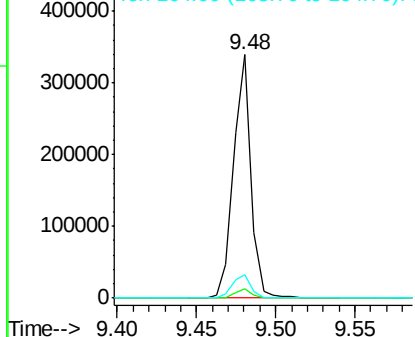


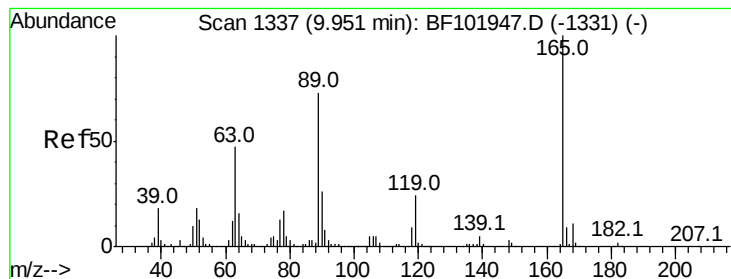
#49
Dimethylphthalate
Concen: 10.313 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

Tgt Ion:163 Resp: 258105
Ion Ratio Lower Upper
163 100
194 3.6 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





#56

2,4-Dinitrotoluene

Concen: 6.317 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

Instrument :

BNA_F

ClientSampleId :

EP-02

Tot Ion:165 Resp: 39580

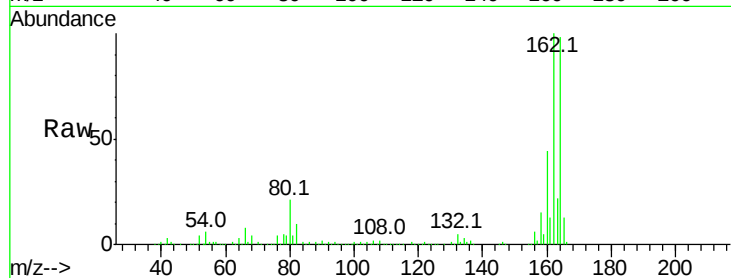
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

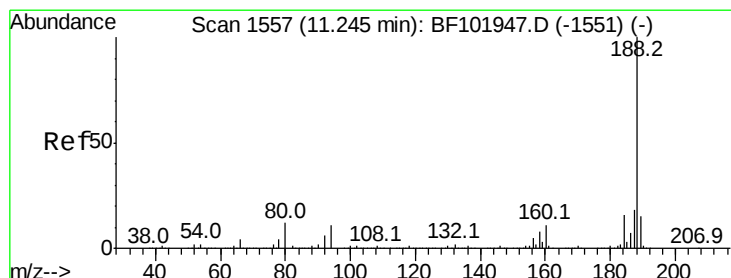
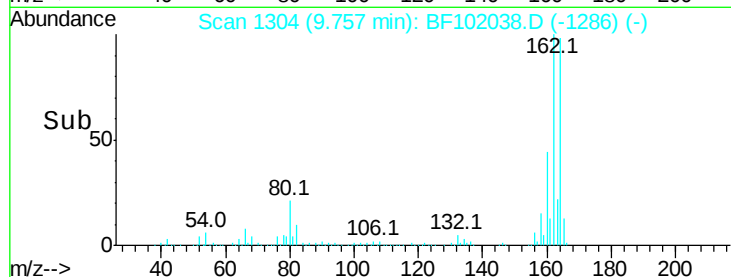
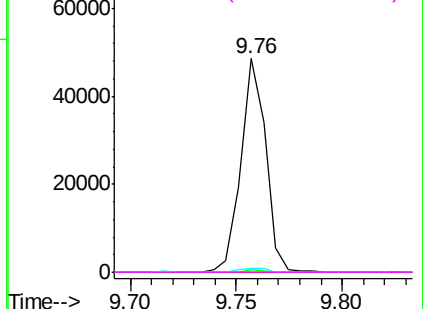


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF102038.D

Acq: 12 Jan 2018 00:07

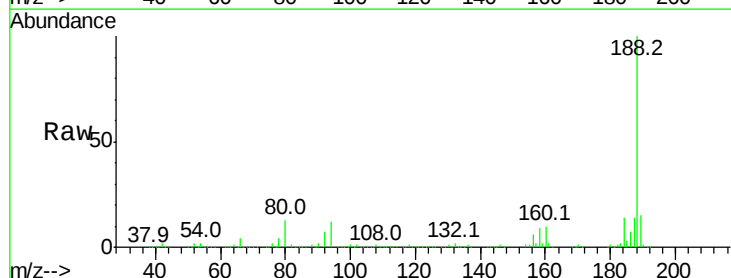
Tgt Ion:188 Resp: 428353

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

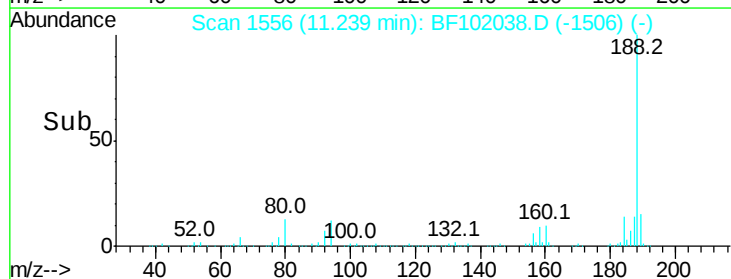
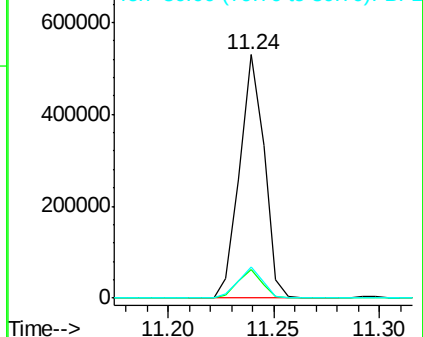
80 12.6 9.2 13.8

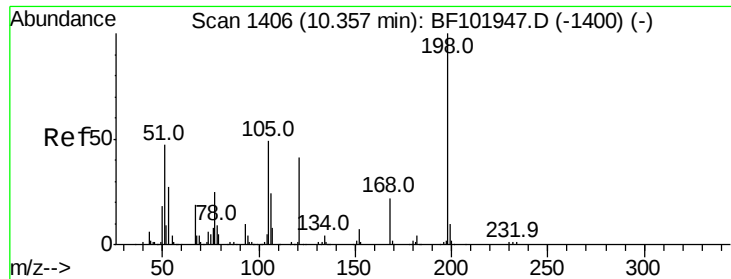


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.791 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

Instrument :

BNA_F

ClientSampled :

EP-02

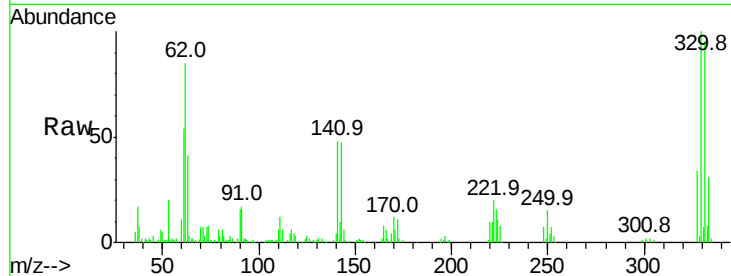
Tot Ion:198 Resp: 339

Ion Ratio Lower Upper

198 100

51 187.2 37.7 77.7#

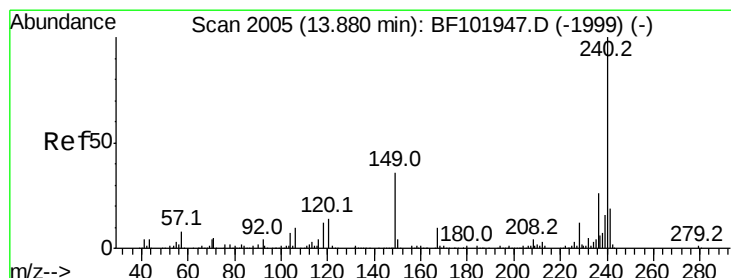
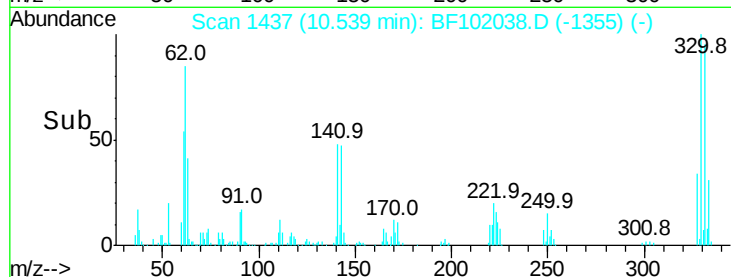
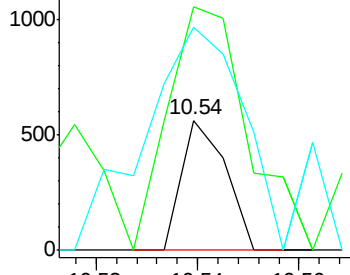
105 171.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

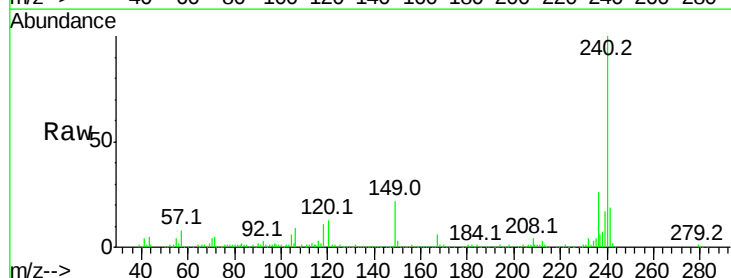
Tgt Ion:240 Resp: 315363

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

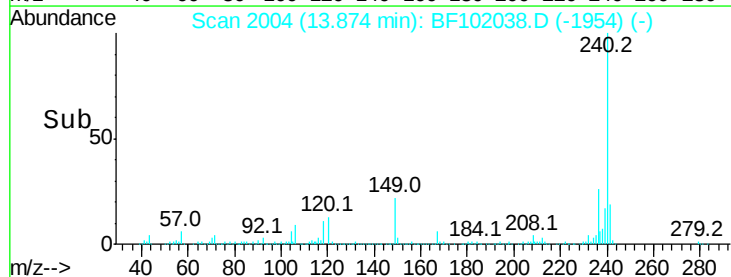
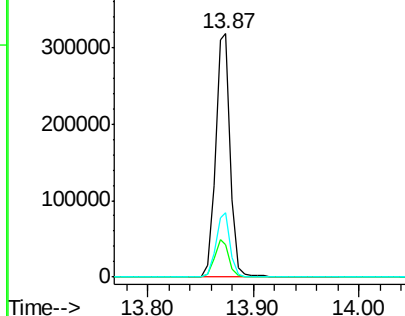
236 26.2 20.7 31.1

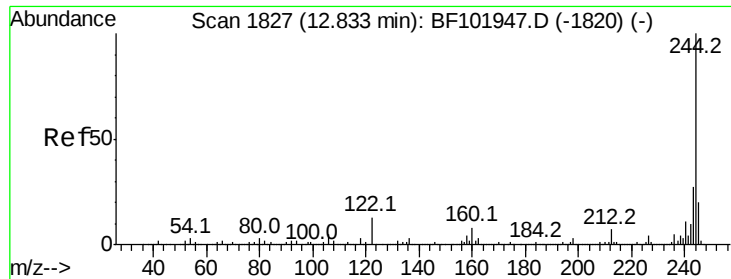


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.795 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

Instrument :

BNA_F

ClientSampled :

EP-02

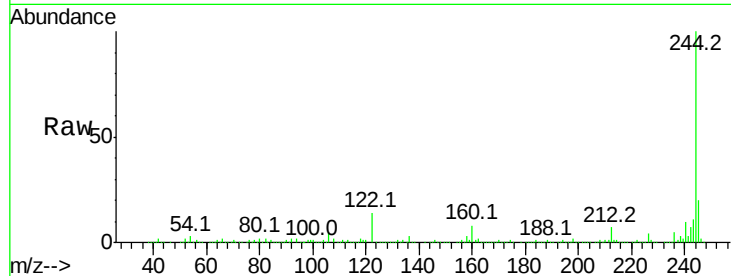
Tot Ion:244 Resp: 938599

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

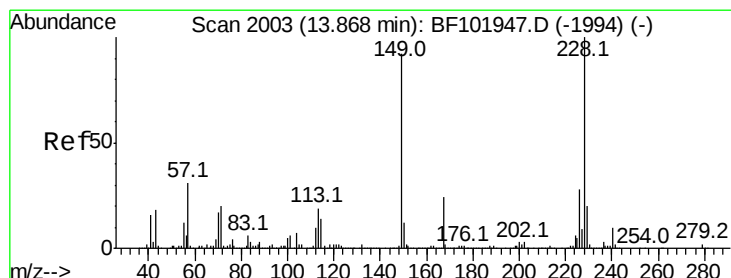
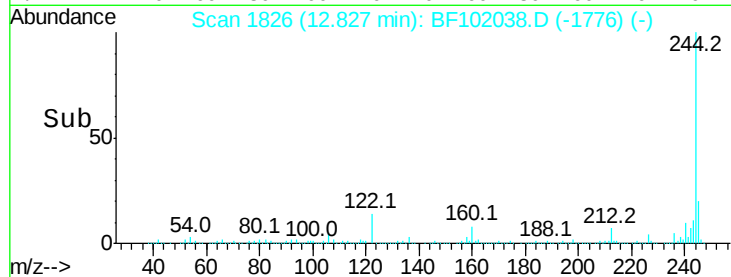
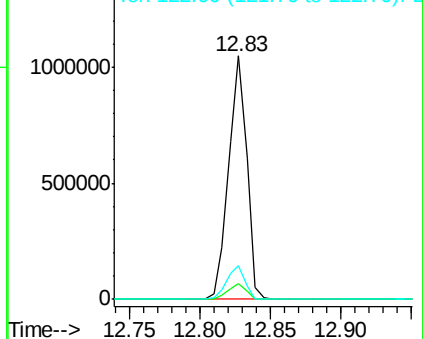
122 13.7 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.817 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102038.D

Acq: 12 Jan 2018 00:07

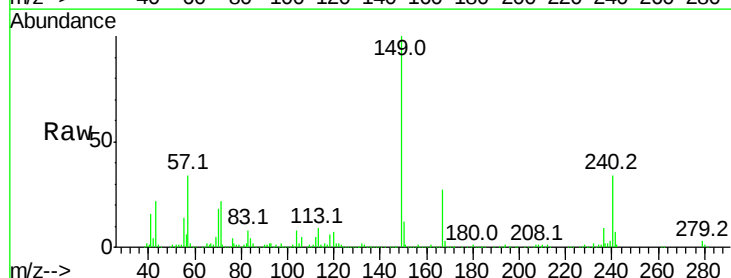
Tgt Ion:149 Resp: 305496

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

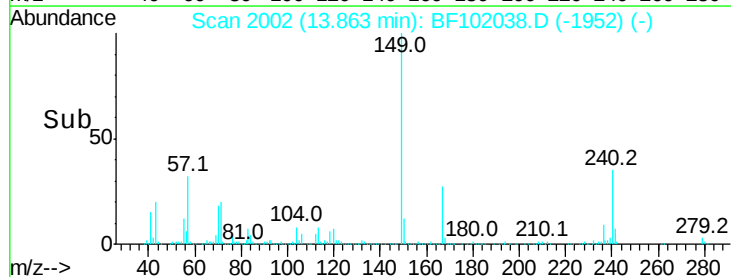
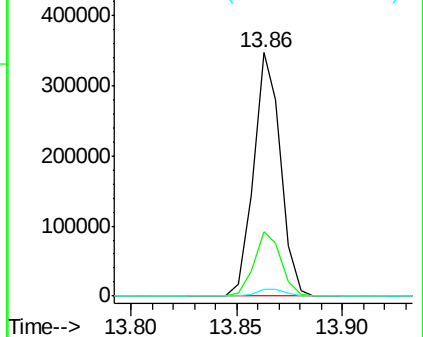
279 2.5 3.0 4.4#

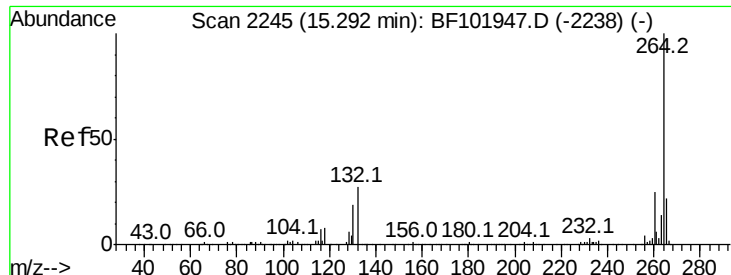


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

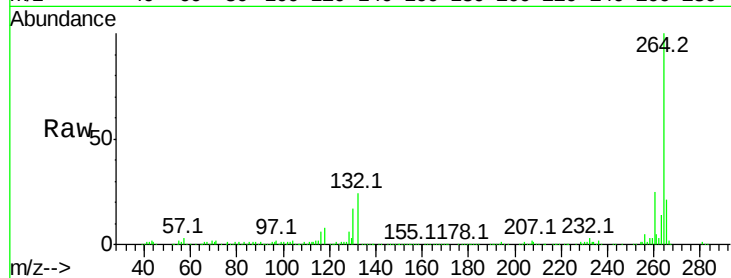




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102038.D
Acq: 12 Jan 2018 00:07

Instrument :
BNA_F
ClientSampleId :
EP-02

Tot Ion:	264	Resp:	365253
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	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

