

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011618\
 Data File : BF102143.D
 Acq On : 17 Jan 2018 7:18
 Operator : SJ/JU
 Sample : J1113-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

Quant Time: Jan 17 09:52:09 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

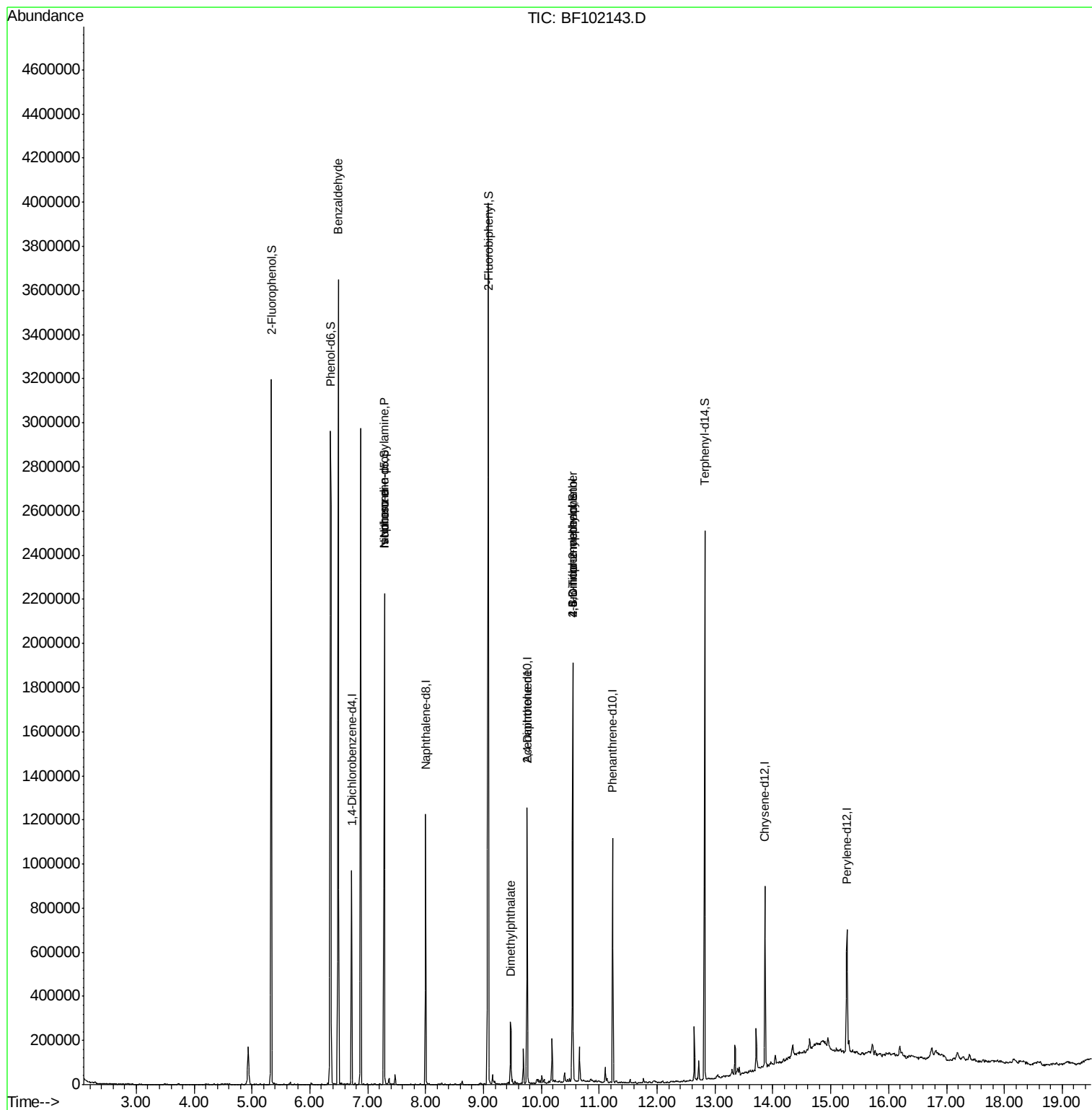
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141355	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559681	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	237232	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	351523	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	254529	20.00	ng	-0.02
86) Perylene-d12	15.28	264	235892	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	994949	99.39	ng	0.00
7) Phenol-d6	6.36	99	1179747	98.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	725510	76.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	220941	106.72	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1224017	80.61	ng	-0.01
78) Terphenyl-d14	12.82	244	795355	64.88	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	21528	2.596	ng	84
19) n-Nitroso-di-n-propylamine	7.29	70	97414	12.446	ng	# 80
25) Isophorone	7.29	82	725504	38.552	ng	# 64
49) Dimethylphthalate	9.47	163	105497	5.543	ng	99
56) 2,4-Dinitrotoluene	9.75	165	30138	6.325	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	590	5.935	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14129	3.806	ng	# 1

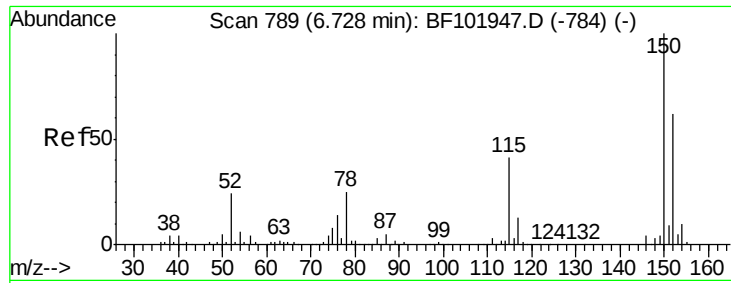
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011618\  
Data File : BF102143.D  
Acq On    : 17 Jan 2018    7:18  
Operator  : SJ/JU  
Sample    : J1113-13  
Misc      :  
ALS Vial  : 30    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Quant Time: Jan 17 09:52:09 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



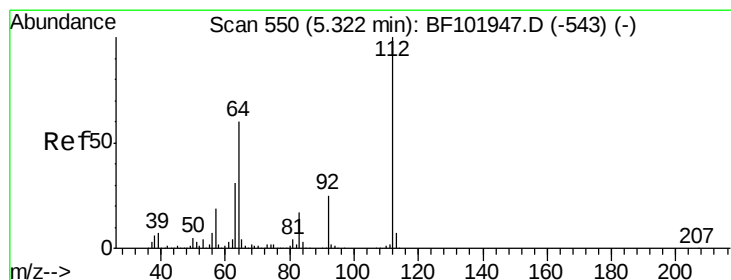
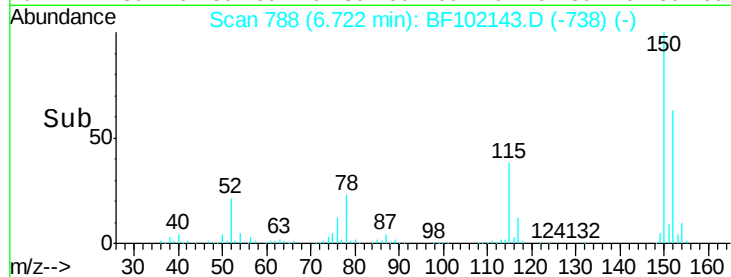
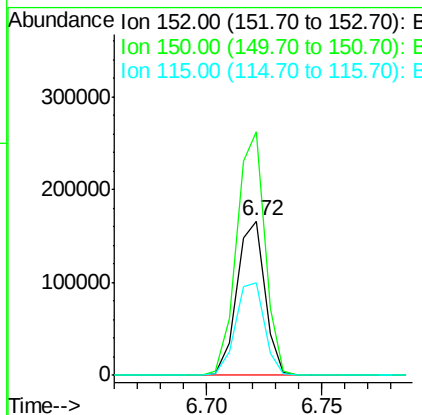
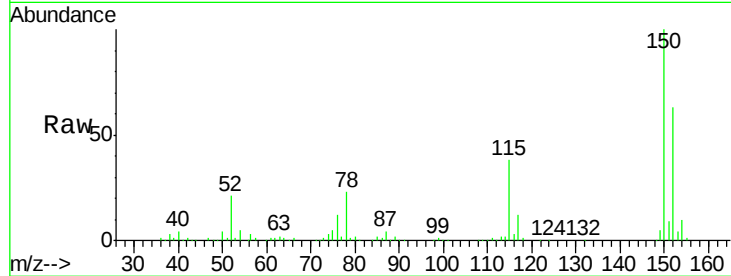


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

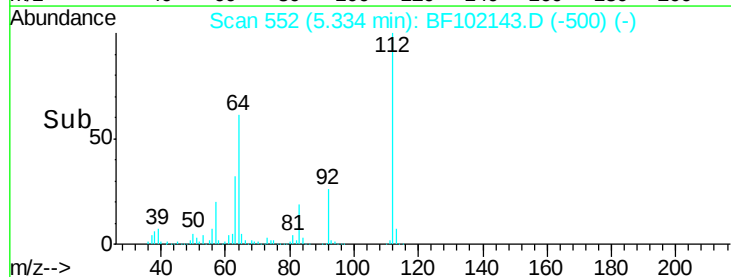
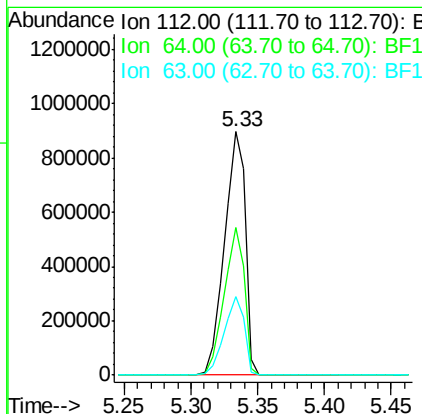
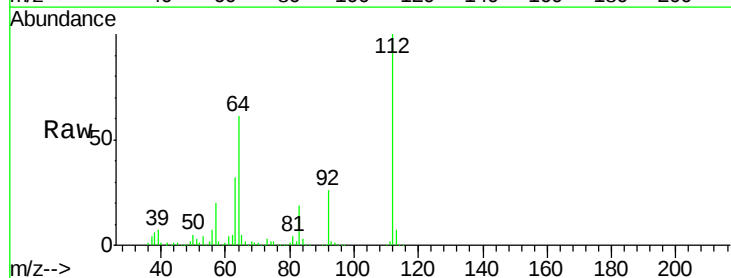
Tgt Ion:152 Resp: 141355
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.1 50.1 75.1



#5

2-Fluorophenol
Concen: 99.392 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Tgt Ion:112 Resp: 994949
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 98.778 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Instrument :

BNA_F

ClientSampleId :

SB-17-3.5-4.0

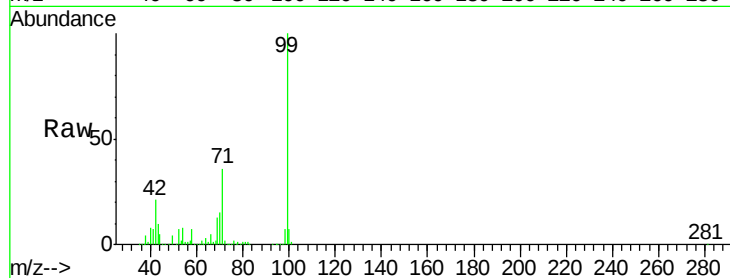
Tgt Ion: 99 Resp: 1179747

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

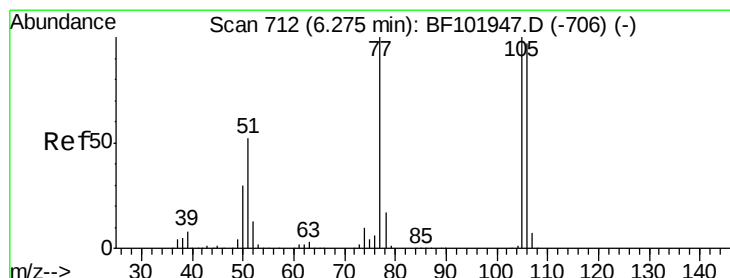
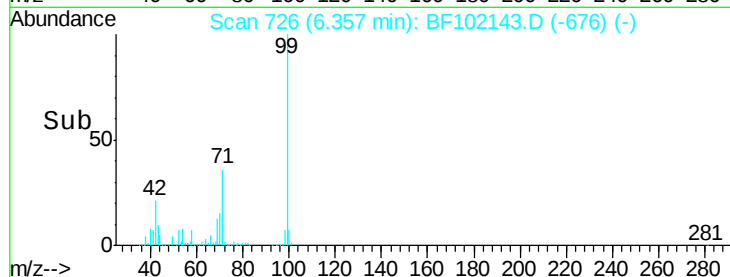
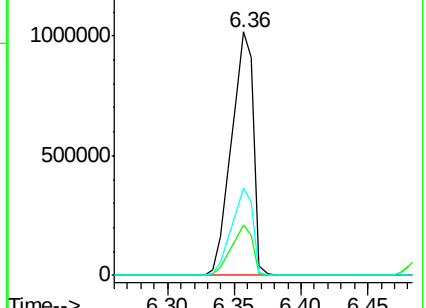
71 36.0 25.4 38.0



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: 2.596 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

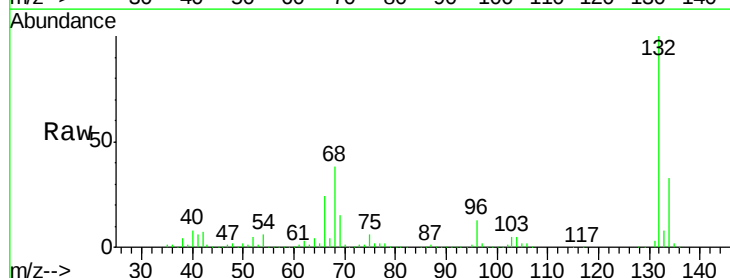
Tgt Ion: 77 Resp: 21528

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

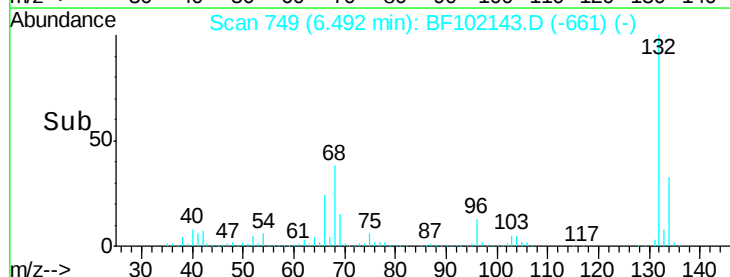
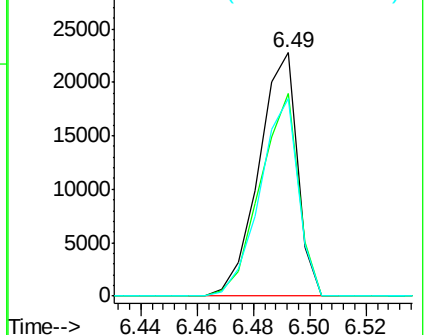
106 81.3 74.5 114.5

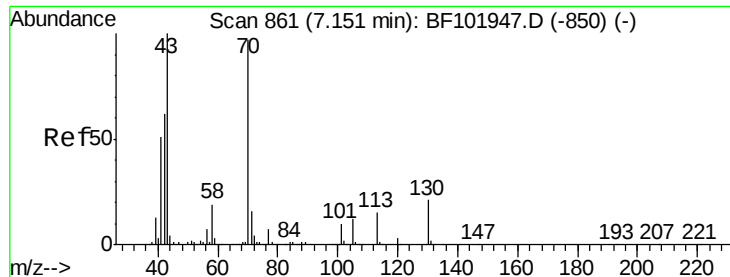


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

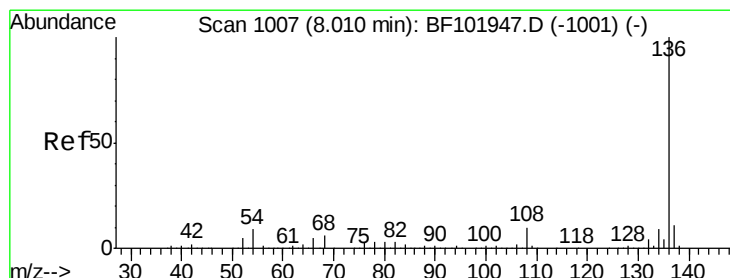
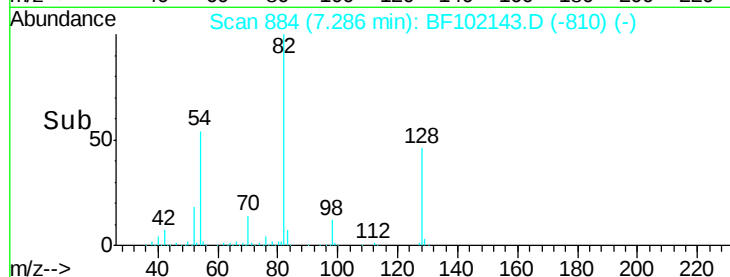
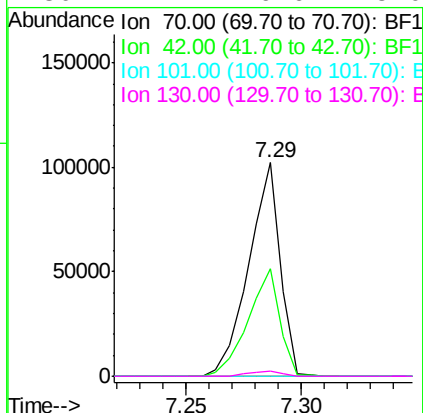
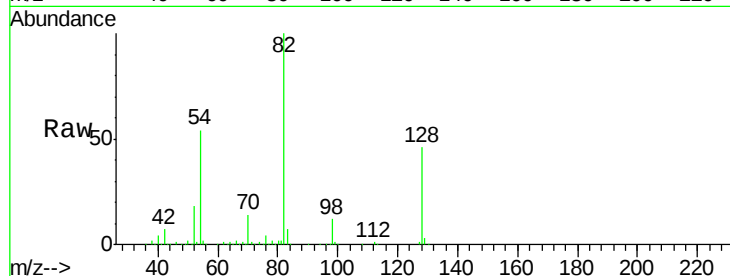




#19
n-Nitroso-di-n-propylamine
Concen: 12.446 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

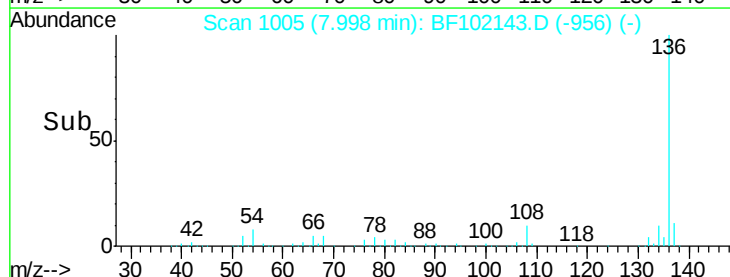
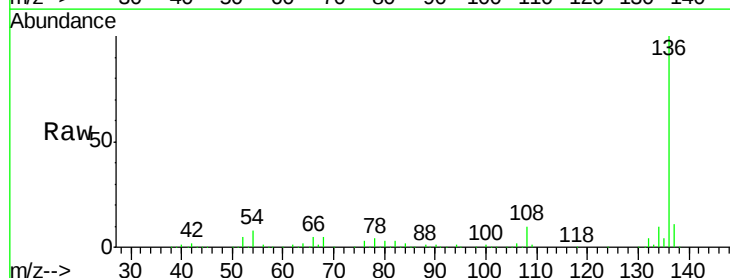
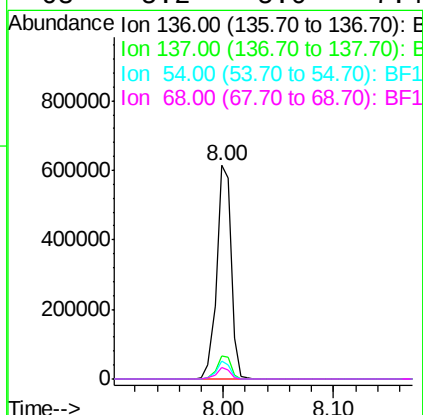
Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

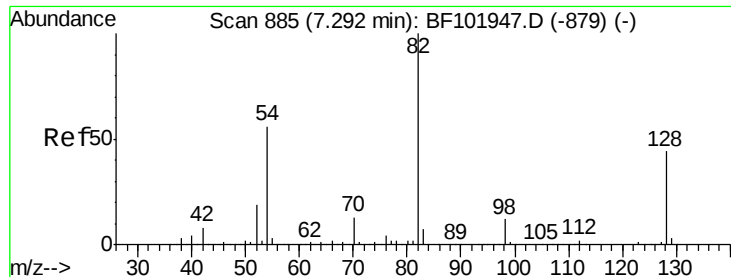
Tgt Ion: 70 Resp: 97414
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Tgt Ion: 136 Resp: 559681
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.6 9.8
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.175 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Instrument :

BNA_F

ClientSampleId :

SB-17-3.5-4.0

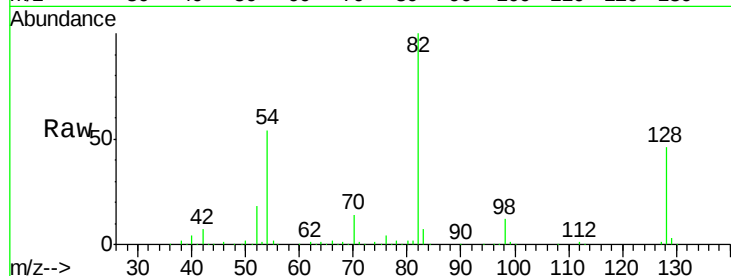
Tgt Ion: 82 Resp: 725510

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

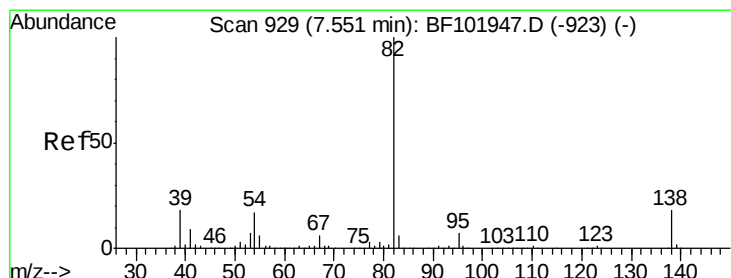
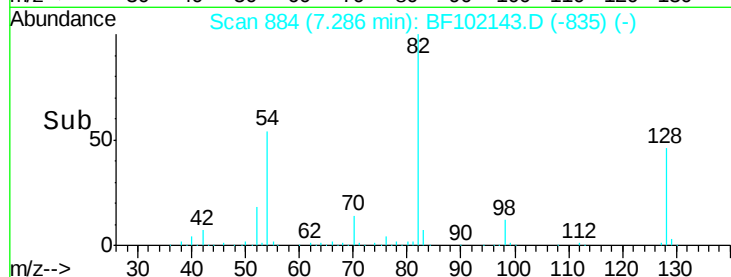
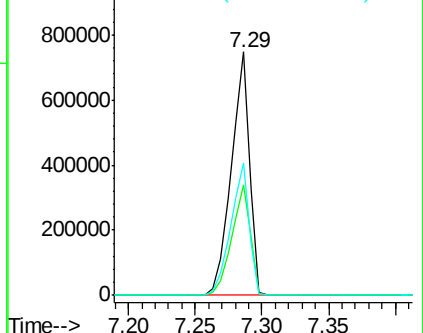
54 54.2 41.4 62.2



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: 38.552 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

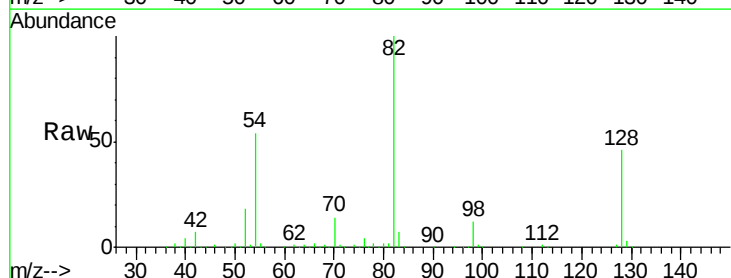
Tgt Ion: 82 Resp: 725504

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

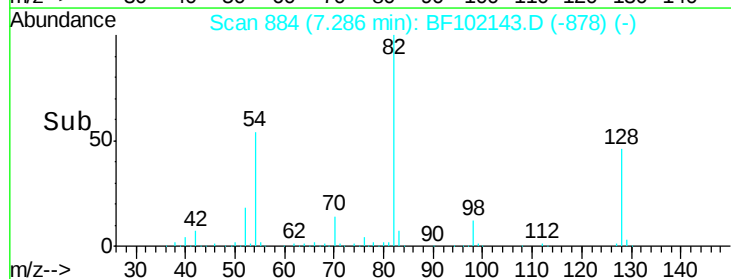
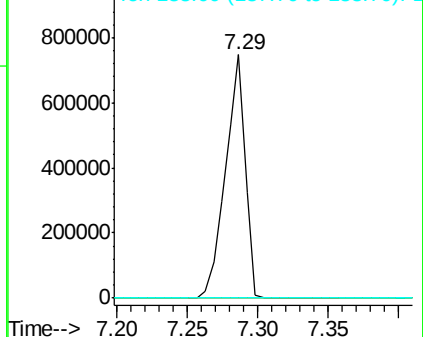
138 0.0 14.9 22.3#

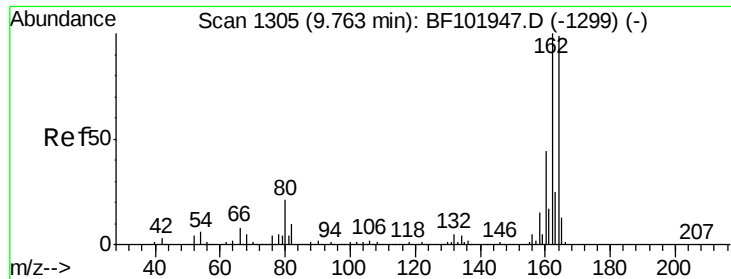


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

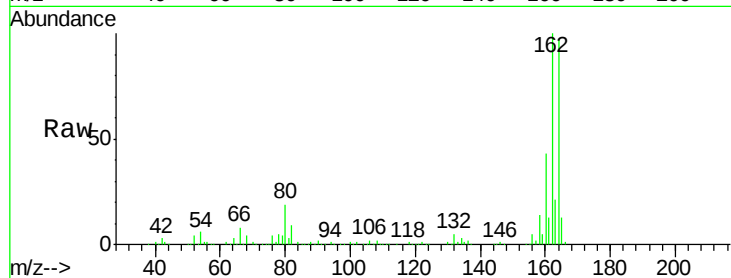




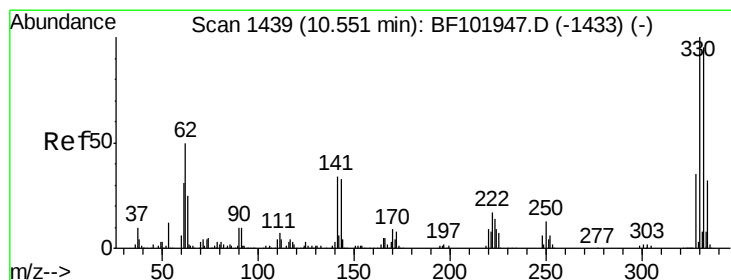
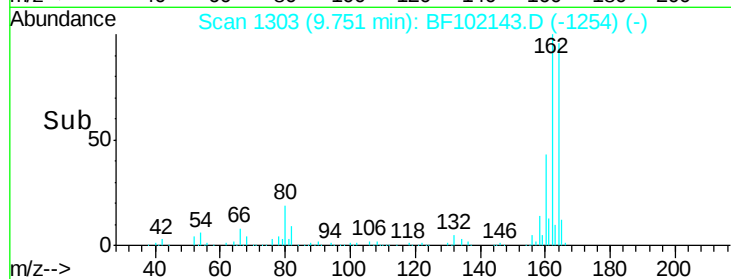
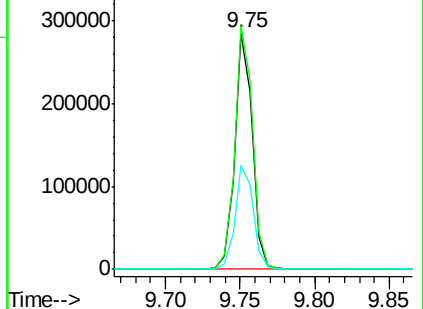
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.3	38.3	57.5

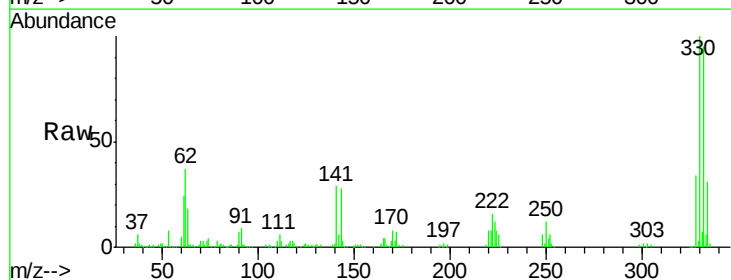


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

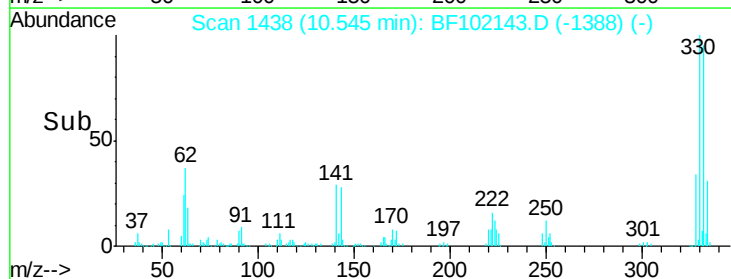
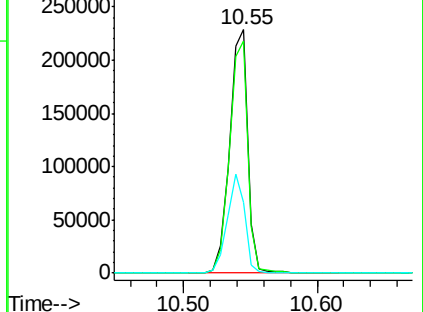


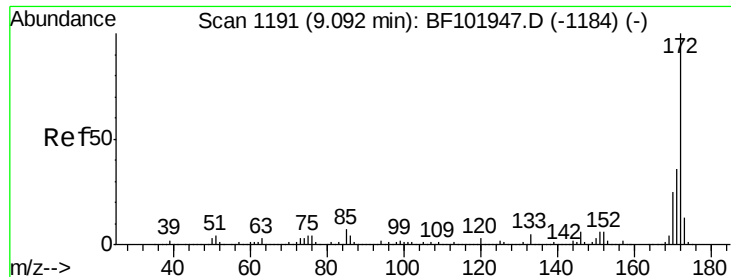
#41
 2,4,6-Tribromophenol
 Concen: 106.720 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.4	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

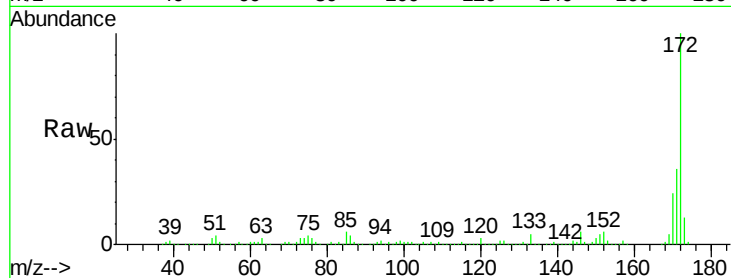




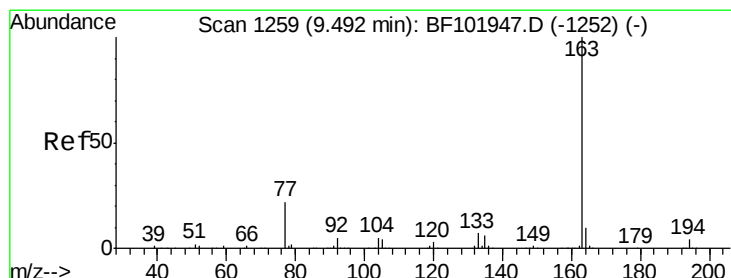
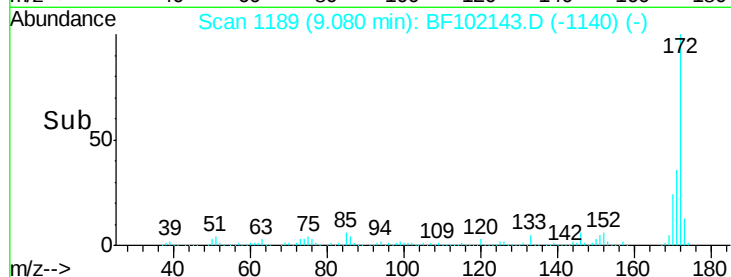
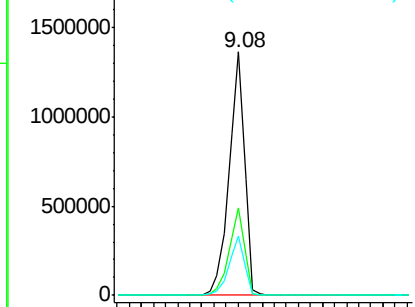
#44
2-Fluorobiphenyl
Concen: 80.607 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Tgt Ion:172 Resp: 1224017
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.4 19.6 29.4

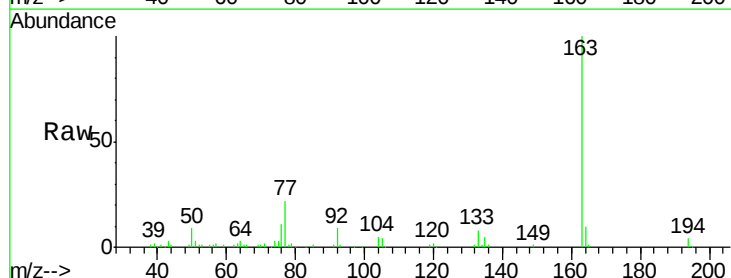


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

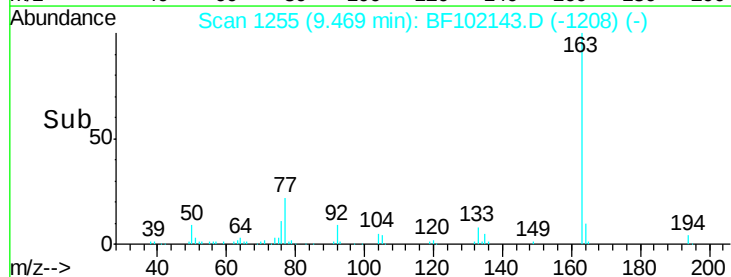
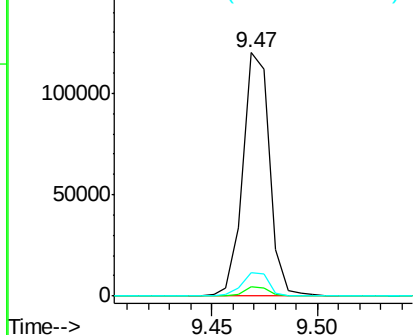


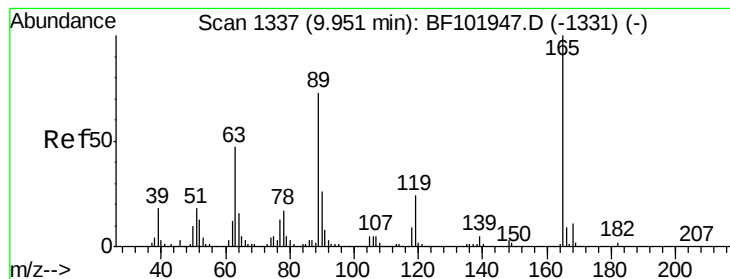
#49
Dimethylphthalate
Concen: 5.543 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Tgt Ion:163 Resp: 105497
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 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

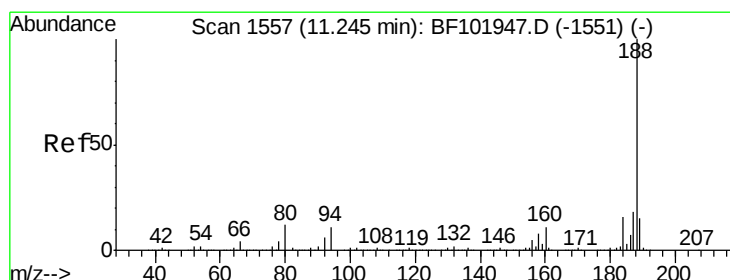
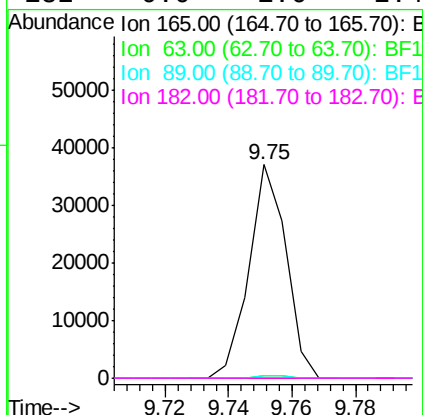
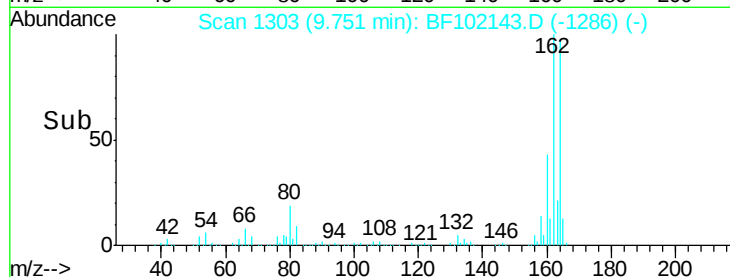
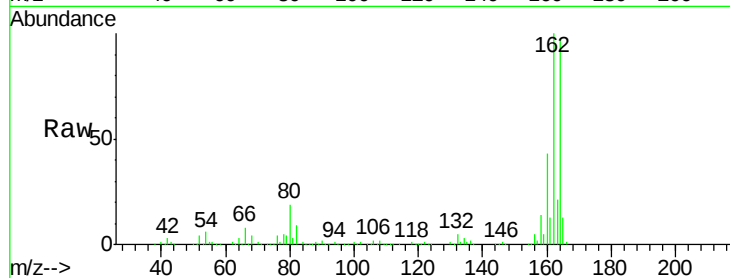




#56
 2,4-Dinitrotoluene
 Concen: 6.325 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

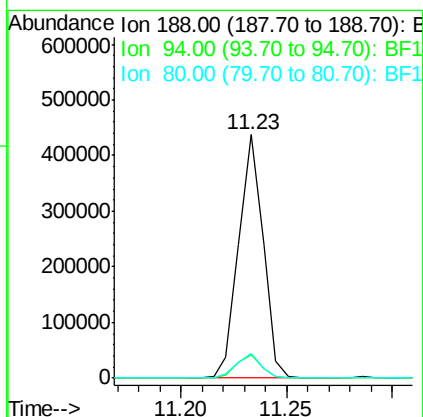
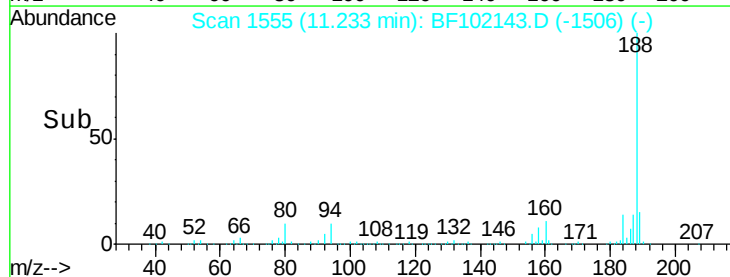
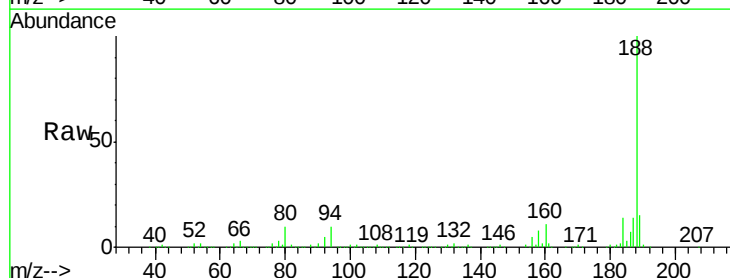
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

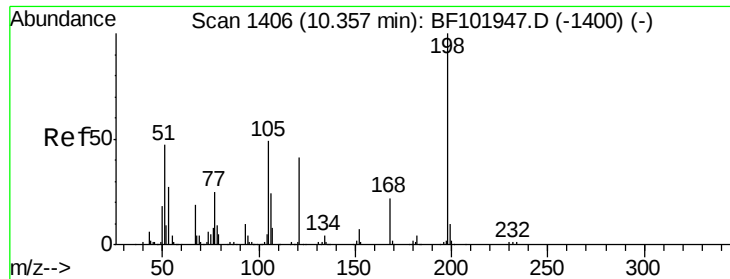
Tgt Ion:	165	Resp:	30138
Ion Ratio	Lower	Upper	
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Tgt Ion:	188	Resp:	351523
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

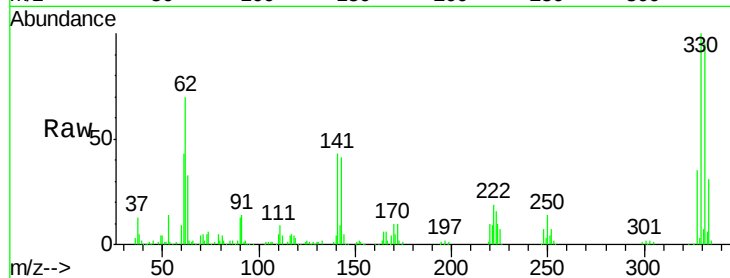




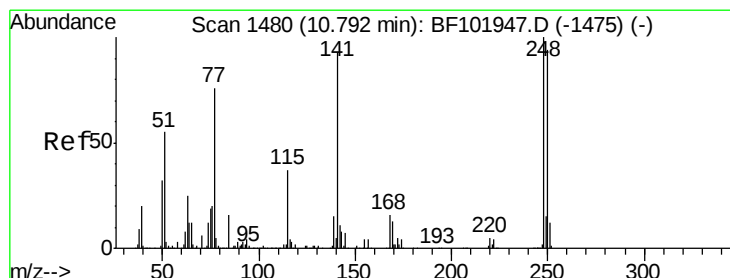
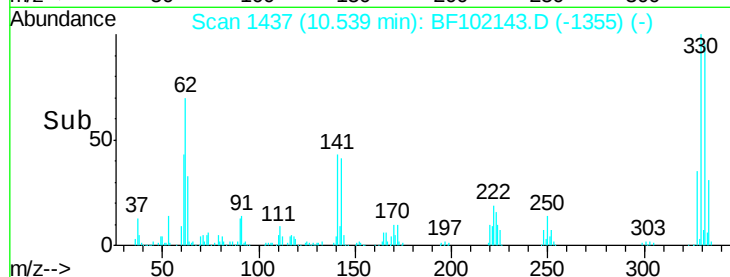
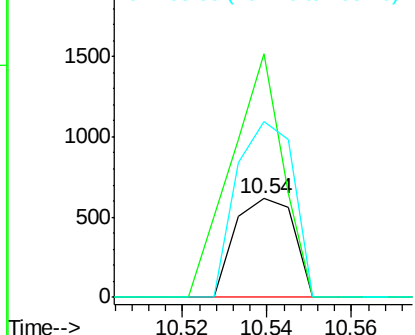
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.935 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-3.5-4.0

Tgt Ion:198 Resp: 590
 Ion Ratio Lower Upper
 198 100
 51 247.5 37.7 77.7#
 105 178.3 36.3 76.3#

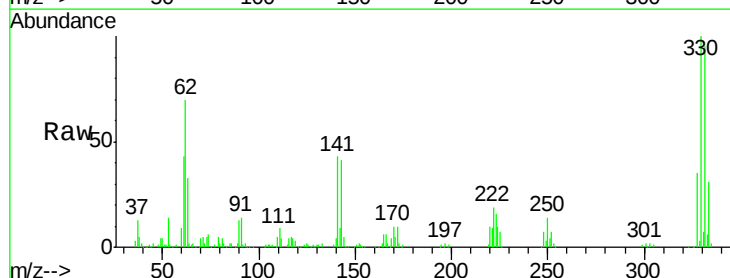


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

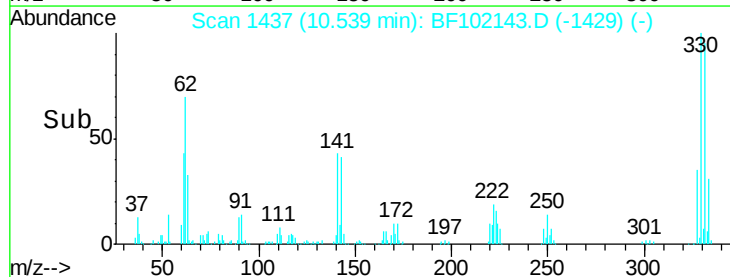
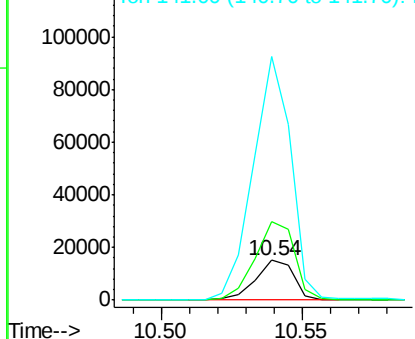


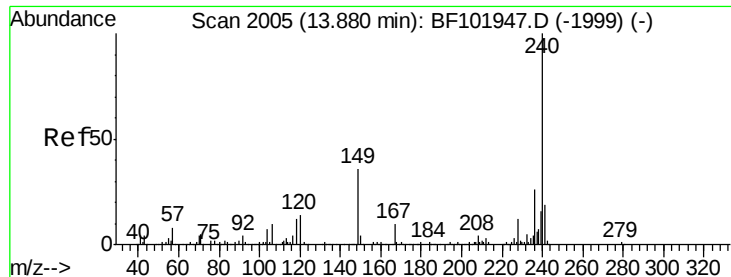
#66
 4-Bromophenyl-phenylether
 Concen: 3.806 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102143.D
 Acq: 17 Jan 2018 7:18

Tgt Ion:248 Resp: 14129
 Ion Ratio Lower Upper
 248 100
 250 195.4 76.9 115.3#
 141 610.1 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

Instrument :

BNA_F

ClientSampleId :

SB-17-3.5-4.0

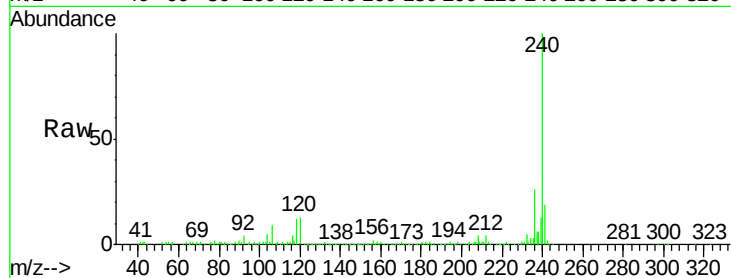
Tgt Ion:240 Resp: 254529

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

236 25.6 20.7 31.1

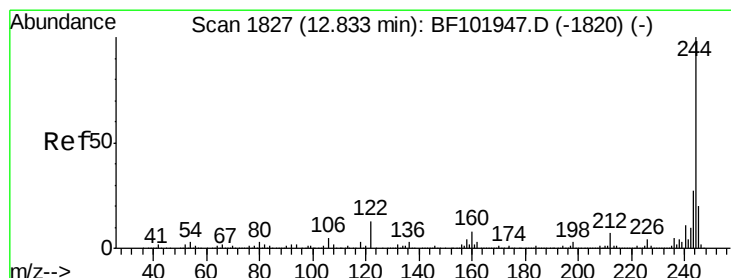
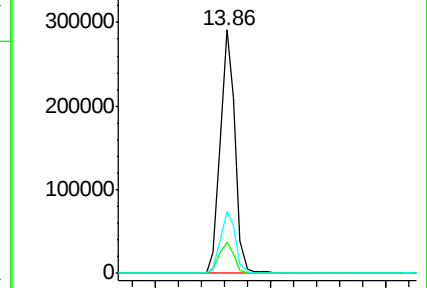
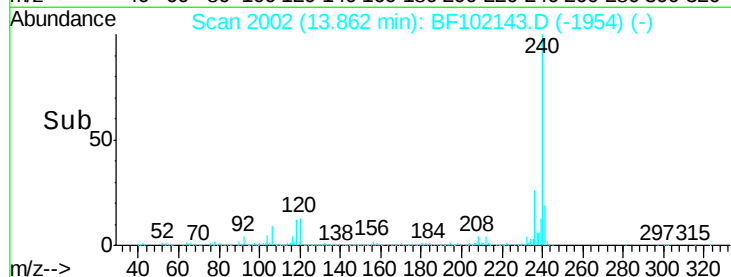


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.86



#78

Terphenyl-d14

Concen: 64.879 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102143.D

Acq: 17 Jan 2018 7:18

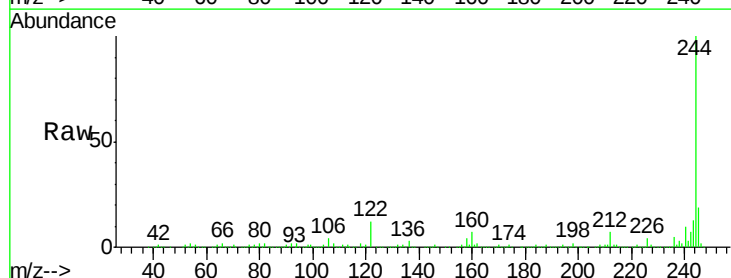
Tgt Ion:244 Resp: 795355

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 12.0 11.0 16.4

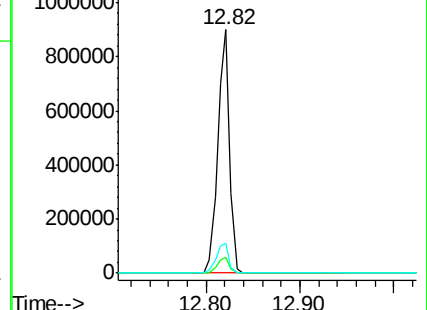
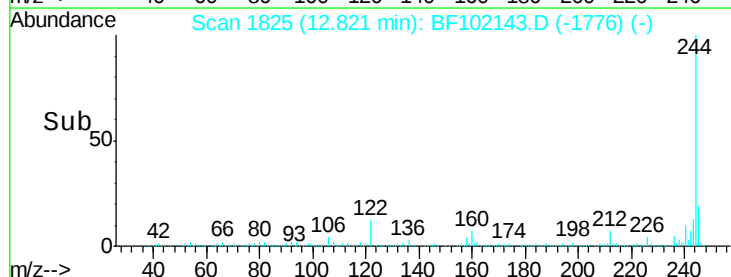


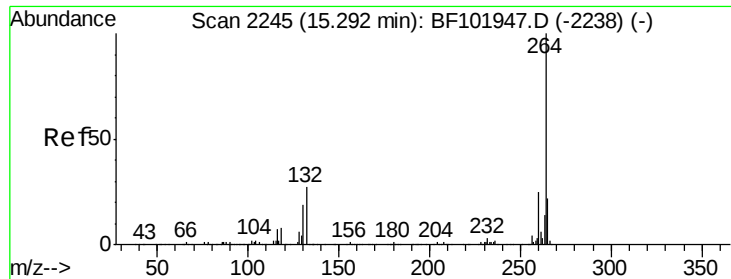
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102143.D
Acq: 17 Jan 2018 7:18

Instrument :
BNA_F
ClientSampleId :
SB-17-3.5-4.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3

