

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104177.D
 Acq On : 3 Apr 2018 13:04
 Operator : JU/SJ
 Sample : J2114-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:23:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

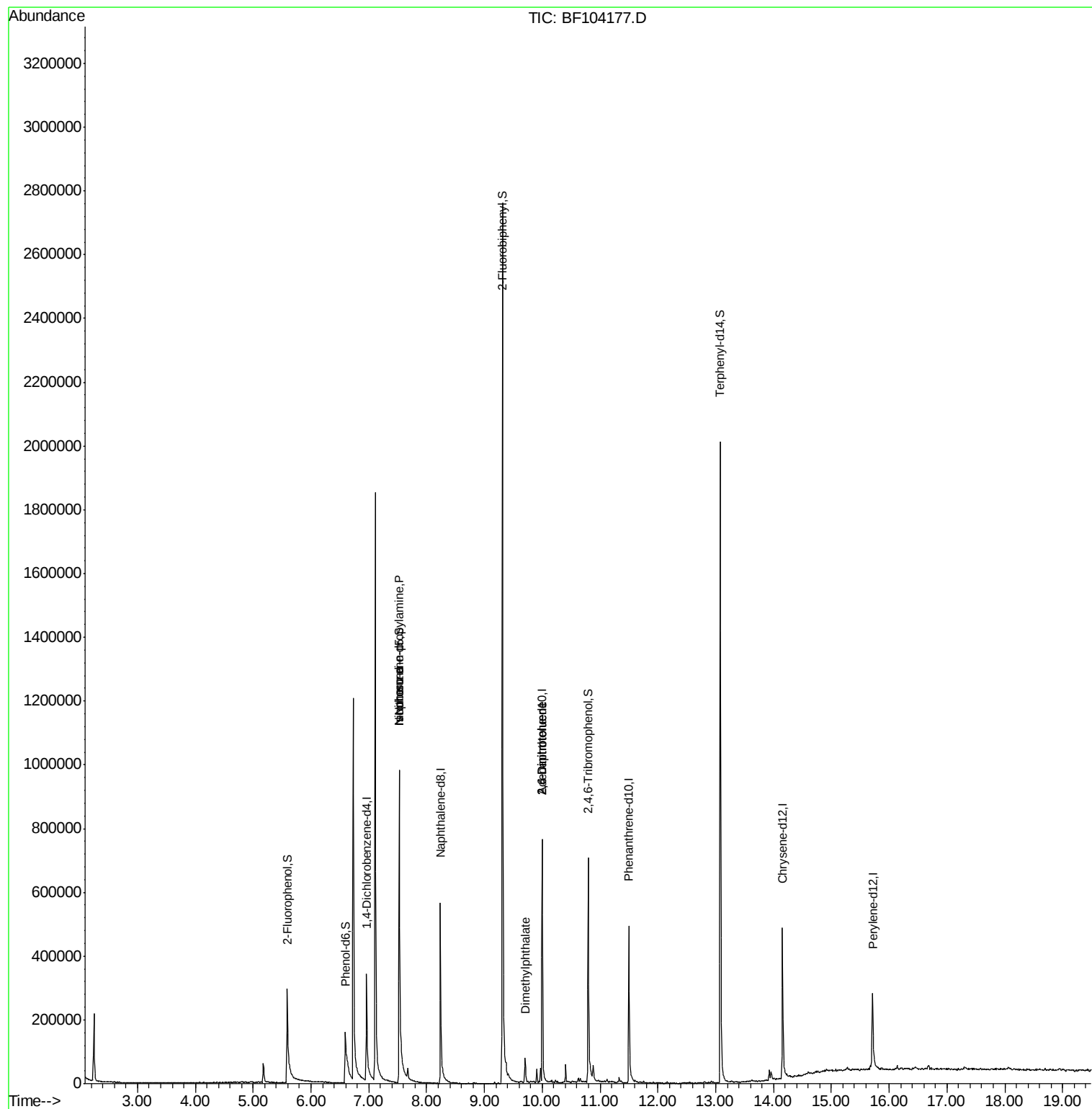
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92306	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	386321	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	169145	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	267444	20.00	ng	0.00
75) Chrysene-d12	14.16	240	215336	20.00	ng	0.00
86) Perylene-d12	15.72	264	158160	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	214695	37.09	ng	0.00
7) Phenol-d6	6.59	99	178628	25.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	578283	91.54	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	128757	68.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1135245	105.84	ng	0.00
78) Terphenyl-d14	13.08	244	818125	87.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	67856	16.056	ng	# 72
25) Isophorone	7.53	82	578283	49.674	ng	# 64
49) Dimethylphthalate	9.70	163	40355	3.022	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	20803	7.241	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	20964	5.718	ng	# 22

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104177.D
Acq On : 3 Apr 2018 13:04
Operator : JU/SJ
Sample : J2114-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 03 15:23:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration



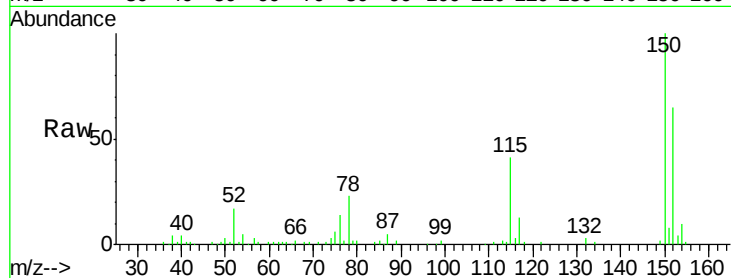


#1

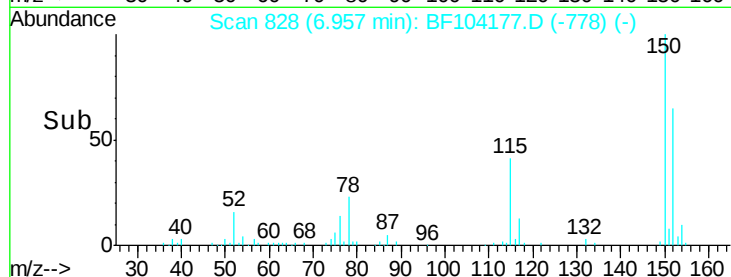
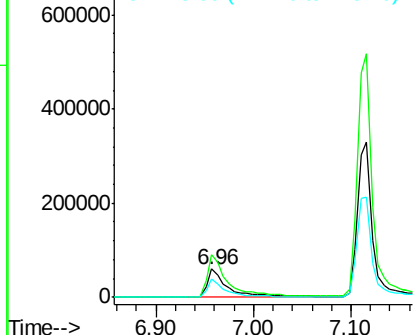
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104177.D
Acq: 3 Apr 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92306
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 63.9 50.1 75.1



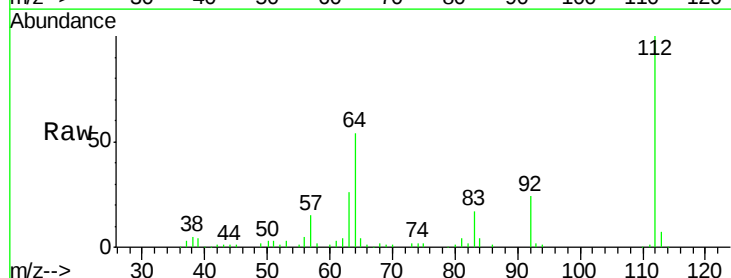
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



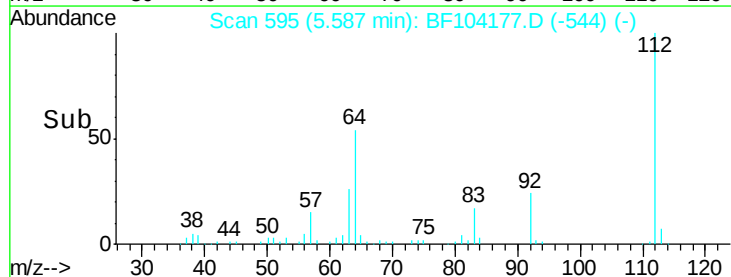
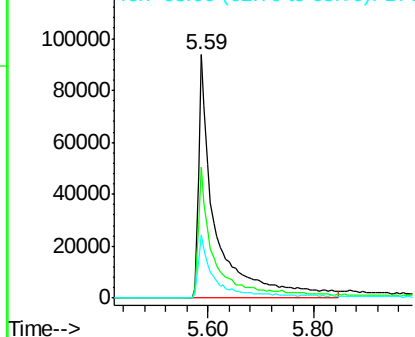
#5

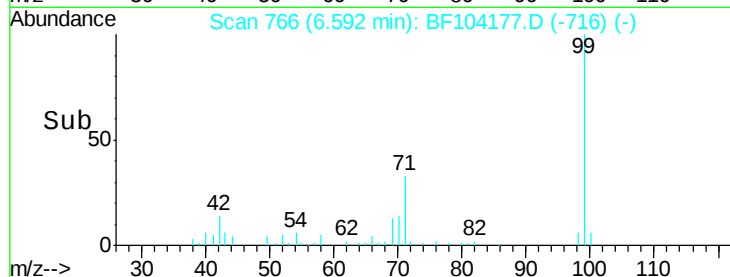
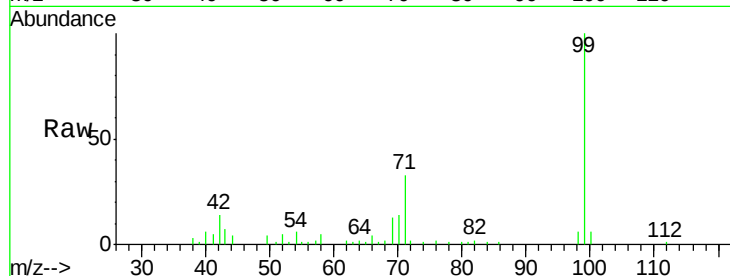
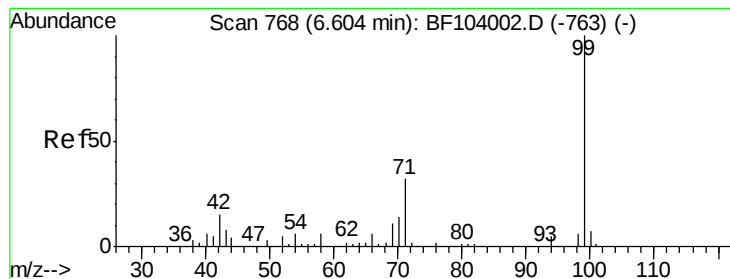
2-Fluorophenol
Concen: 37.092 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF104177.D
Acq: 3 Apr 2018 13:04

Tgt Ion:112 Resp: 214695
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 25.7 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: 25.084 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

Instrument :

BNA_F

ClientSampleId :

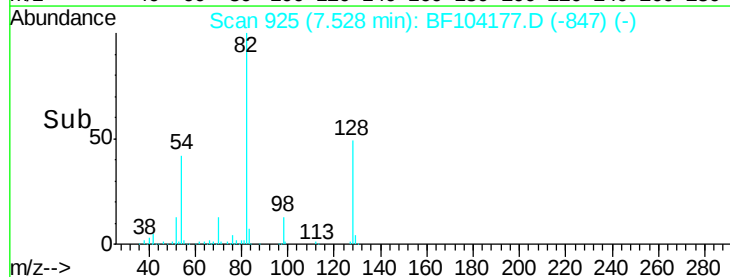
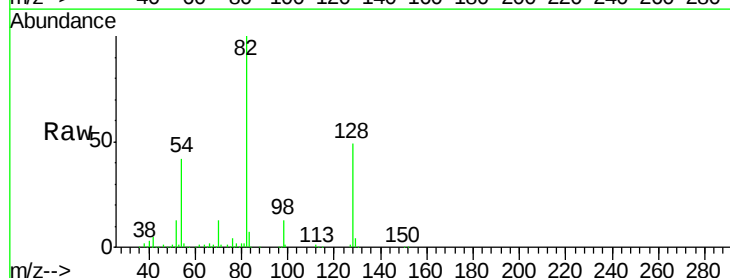
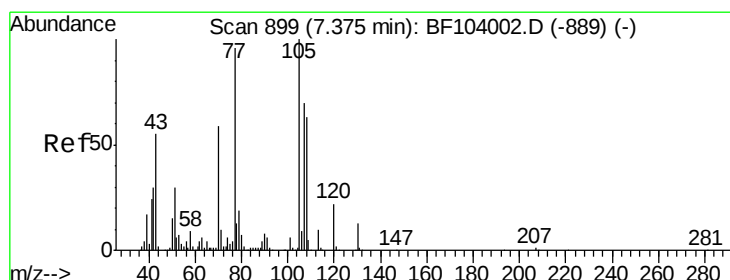
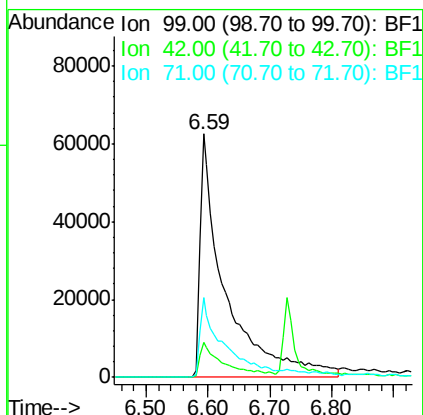
Tot Ion: 99 Resp: 178628

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.056 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

Tgt Ion: 70 Resp: 67856

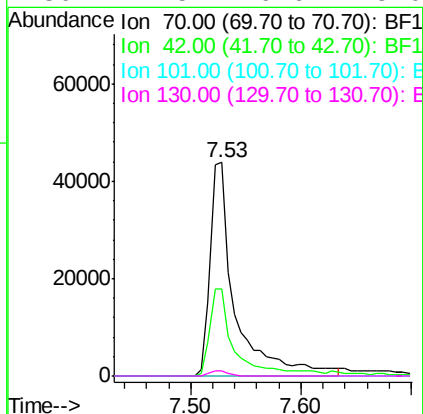
Ion Ratio Lower Upper

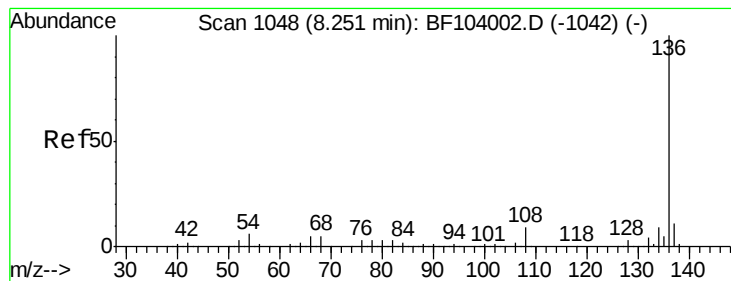
70 100

42 40.5 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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 386321

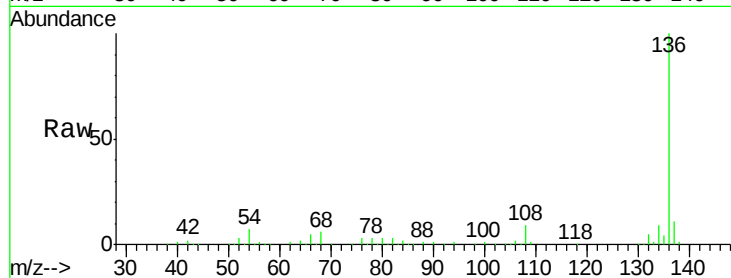
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

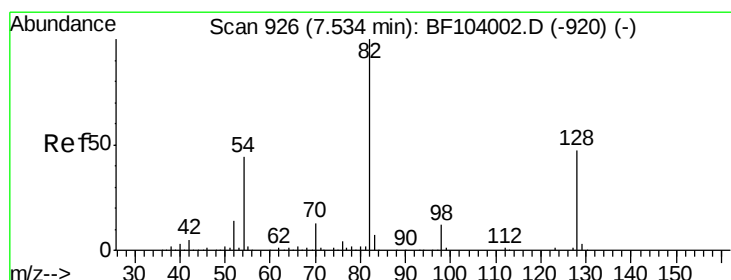
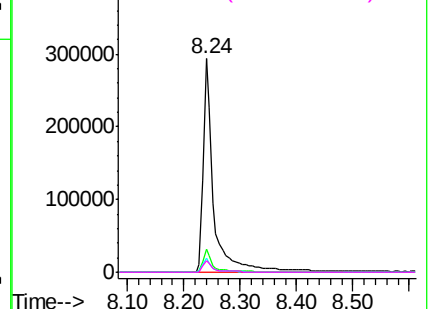
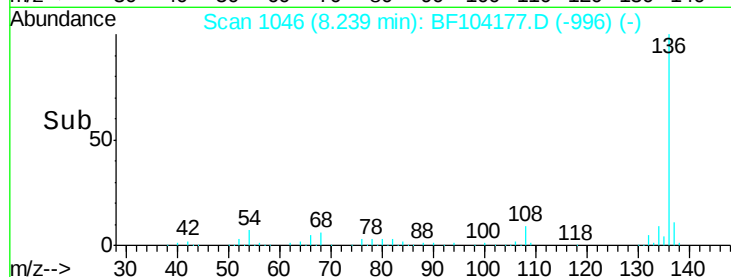


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.544 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

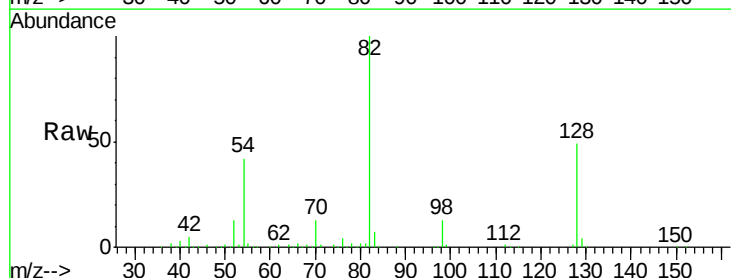
Tgt Ion: 82 Resp: 578283

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

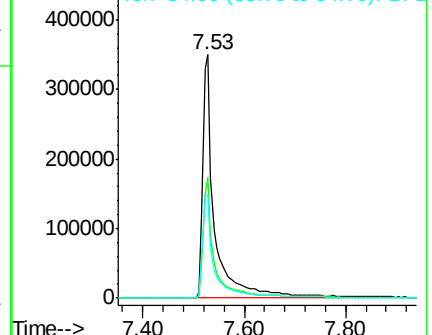
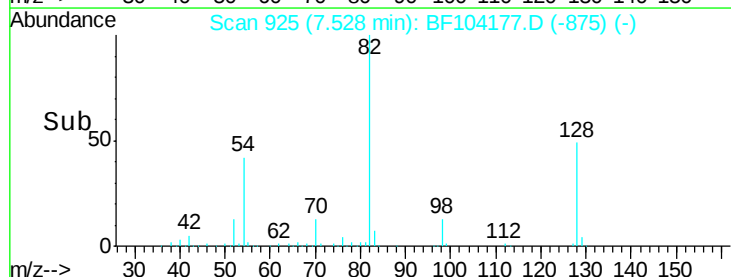
54 42.5 41.4 62.2

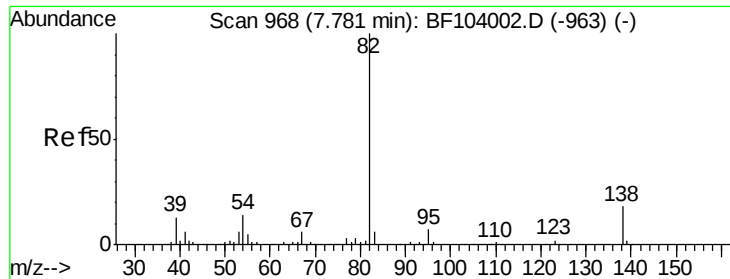


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.674 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

Instrument :

BNA_F

ClientSampleId :

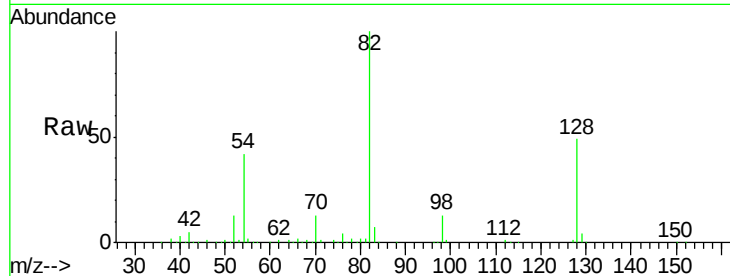
Tot Ion: 82 Resp: 578283

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

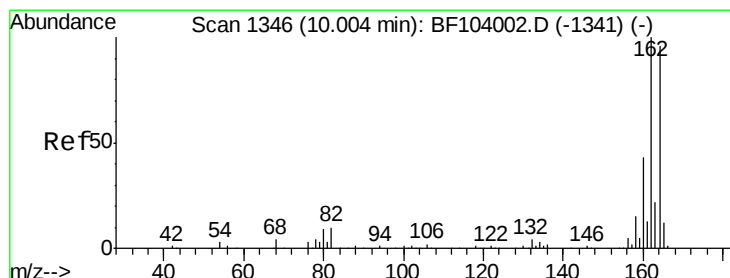
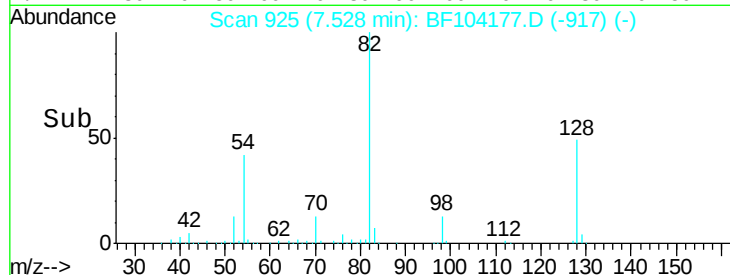
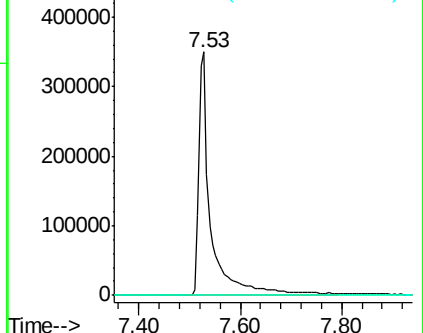
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

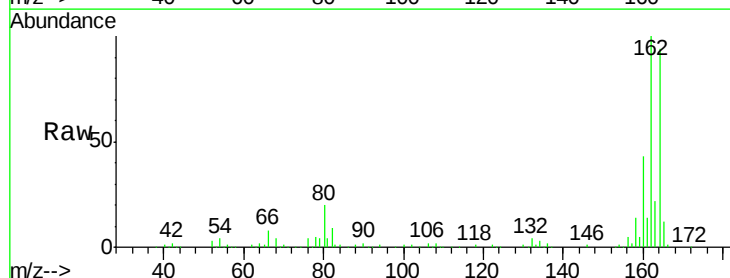
Tgt Ion:164 Resp: 169145

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

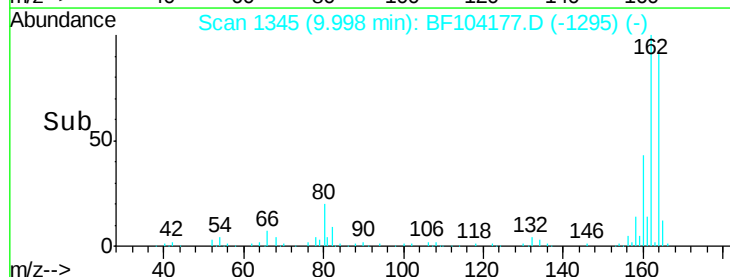
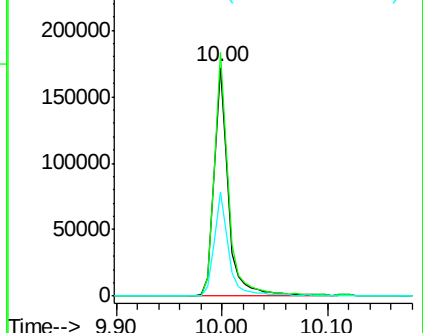
160 45.8 38.3 57.5



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

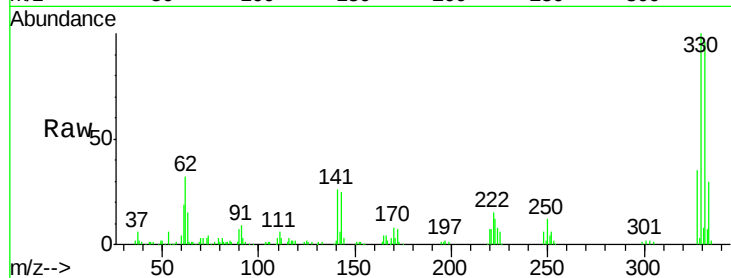




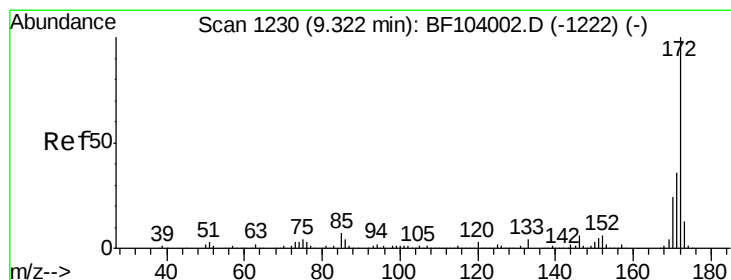
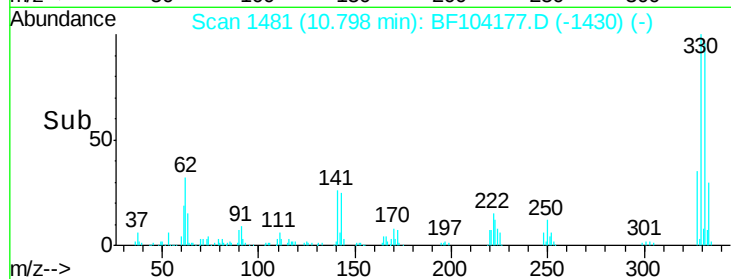
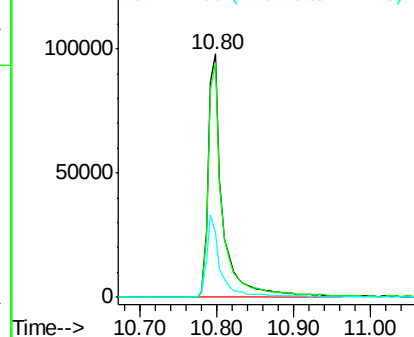
#41
 2,4,6-Tribromophenol
 Concen: 68.363 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF104177.D
 Acq: 3 Apr 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.6	29.9	44.9

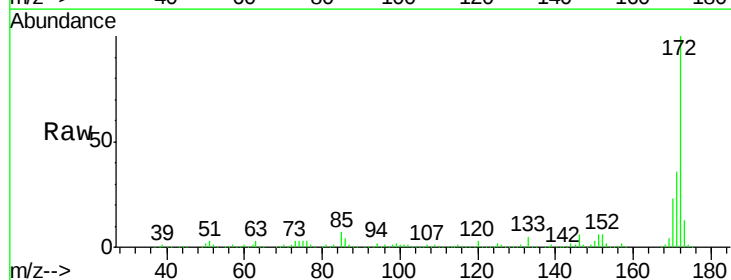


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

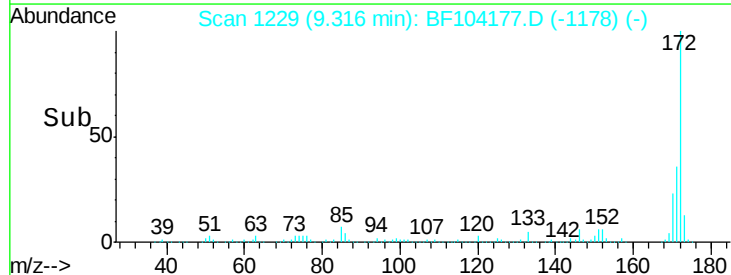
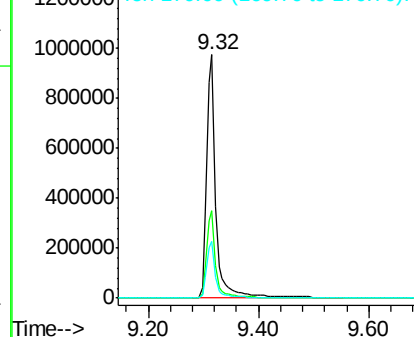


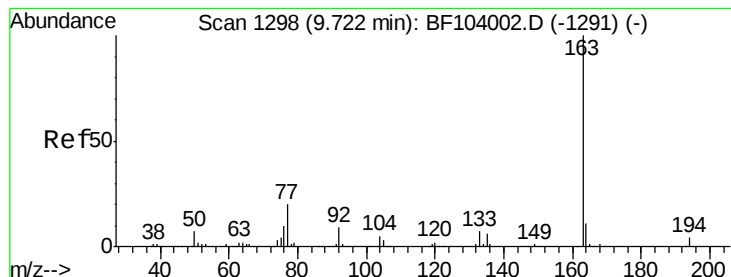
#44
 2-Fluorobiphenyl
 Concen: 105.837 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104177.D
 Acq: 3 Apr 2018 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.3	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: 3.022 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

Instrument :

BNA_F

ClientSampleId :

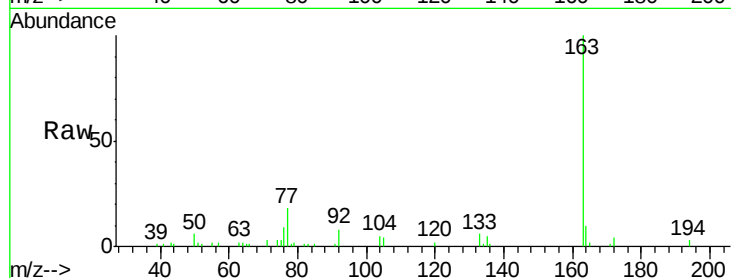
Tot Ion:163 Resp: 40355

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

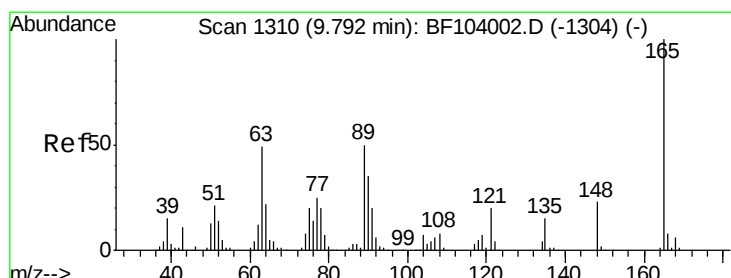
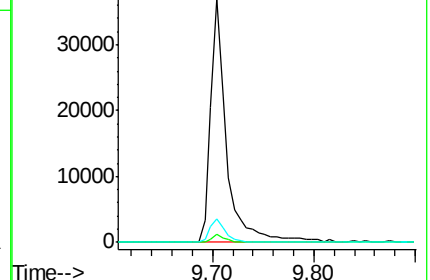
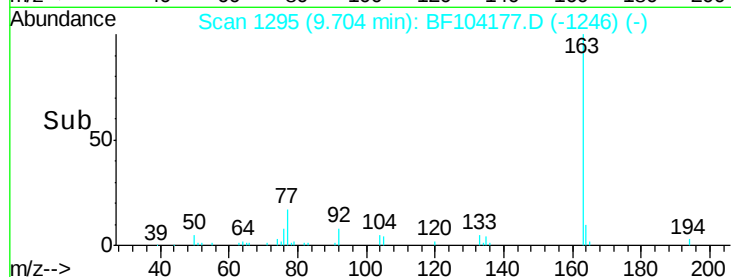
164 9.8 8.2 12.2



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: 7.241 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.21 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

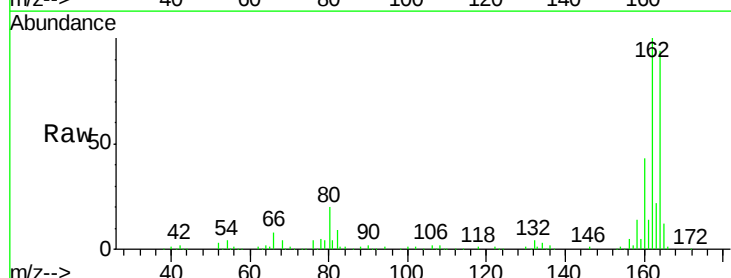
Tgt Ion:165 Resp: 20803

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

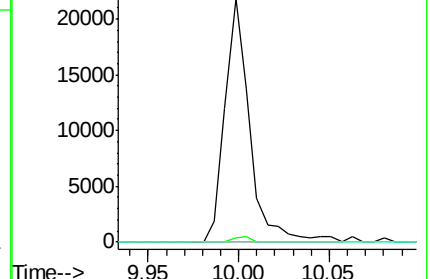
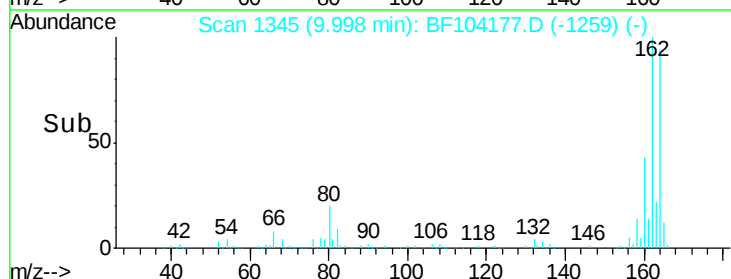
89 0.0 44.0 66.0#



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

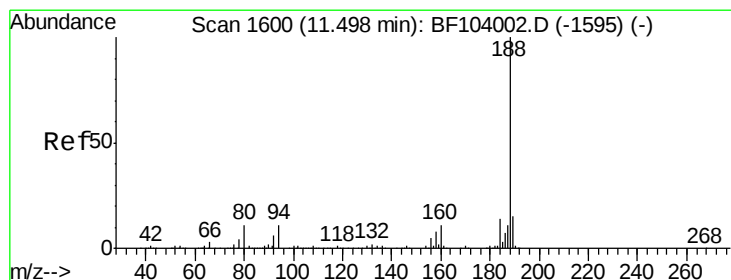
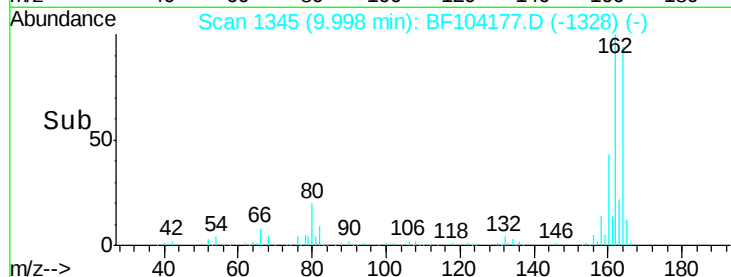
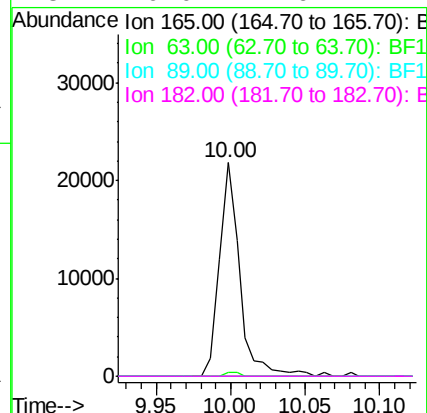
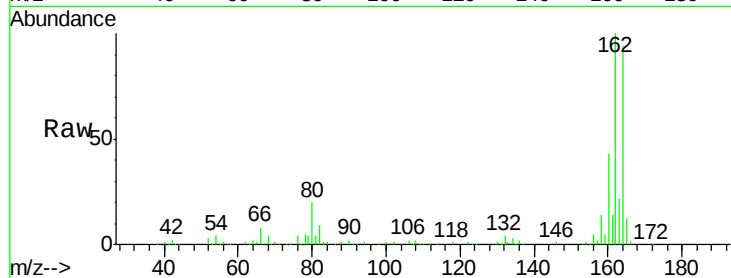




#56
2,4-Dinitrotoluene
Concen: 5.718 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104177.D
Acq: 3 Apr 2018 13:04

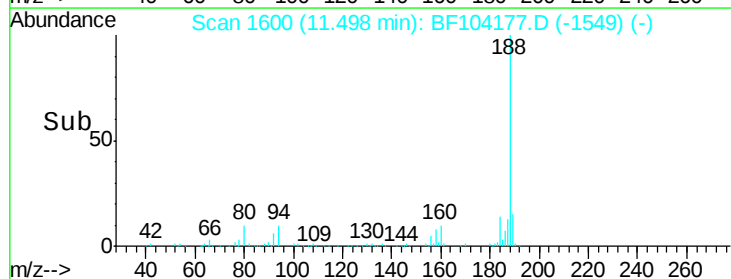
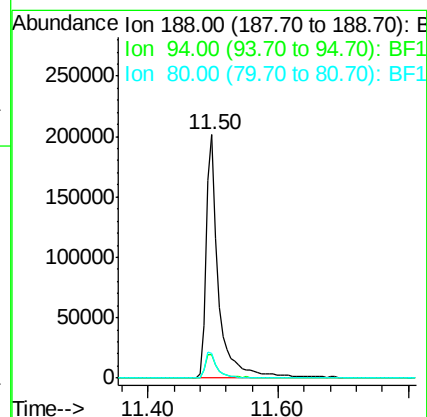
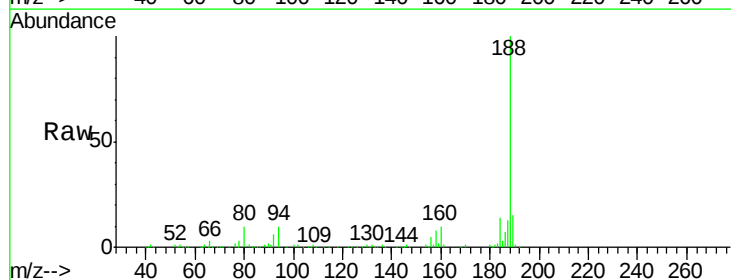
Instrument :
BNA_F
ClientSampleId :

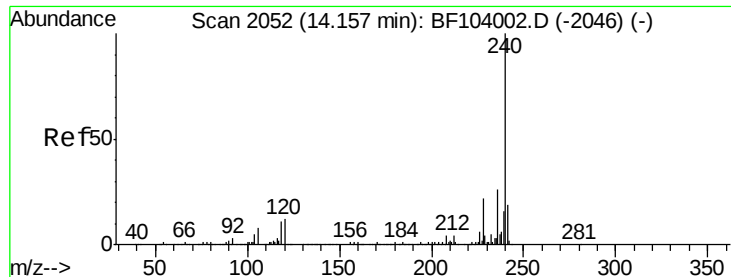
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF104177.D
Acq: 3 Apr 2018 13:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

Instrument :

BNA_F

ClientSampleId :

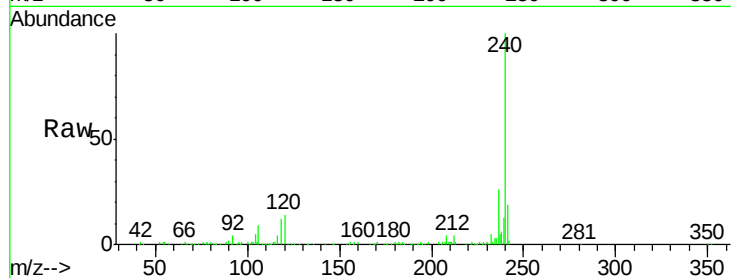
Tot Ion:240 Resp: 215336

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

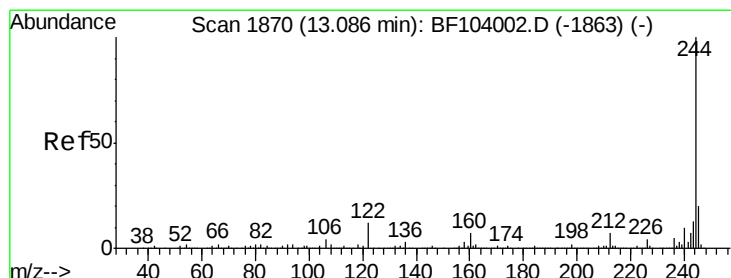
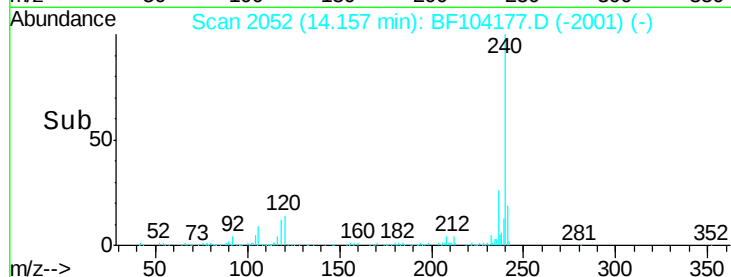
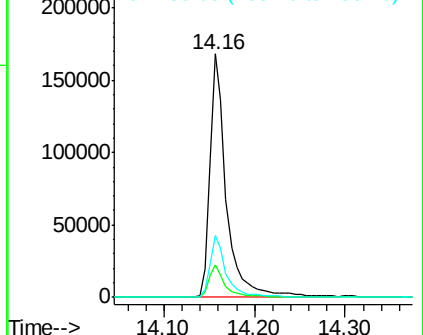
236 25.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 87.724 ng

RT: 13.08 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BF104177.D

Acq: 3 Apr 2018 13:04

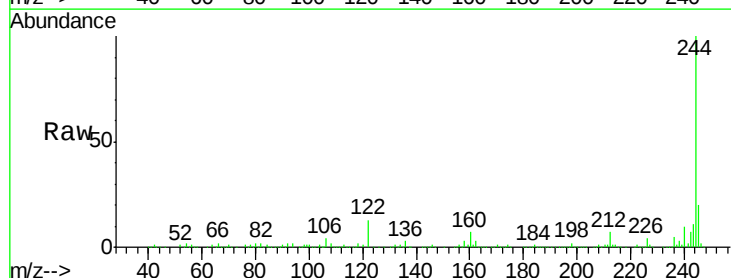
Tgt Ion:244 Resp: 818125

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

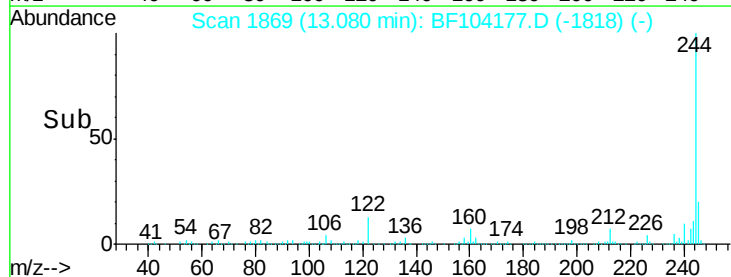
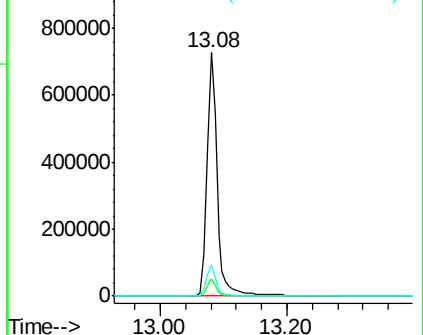
122 12.8 11.0 16.4

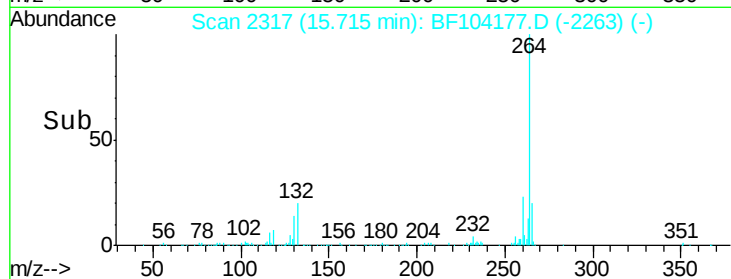
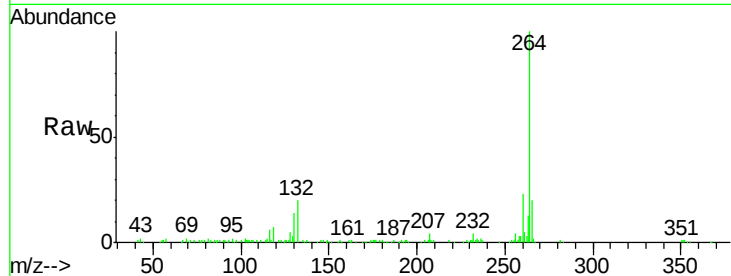
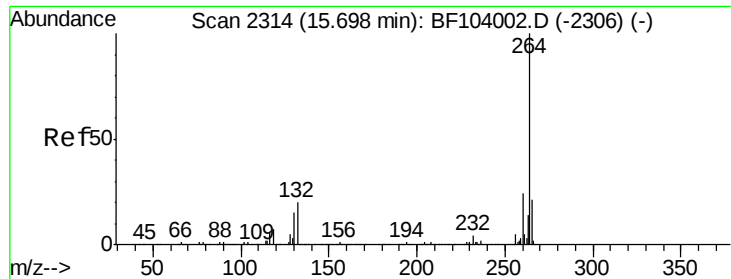


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.72 min Scan# 2317
 Delta R.T. 0.02 min
 Lab File: BF104177.D
 Acq: 3 Apr 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	19.9	17.5	26.3

