

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082863.D
 Acq On : 10 Nov 2015 9:42
 Operator : UM/IZ
 Sample : G4257-09RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-4(0-2)RE

Quant Time: Nov 10 10:10:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

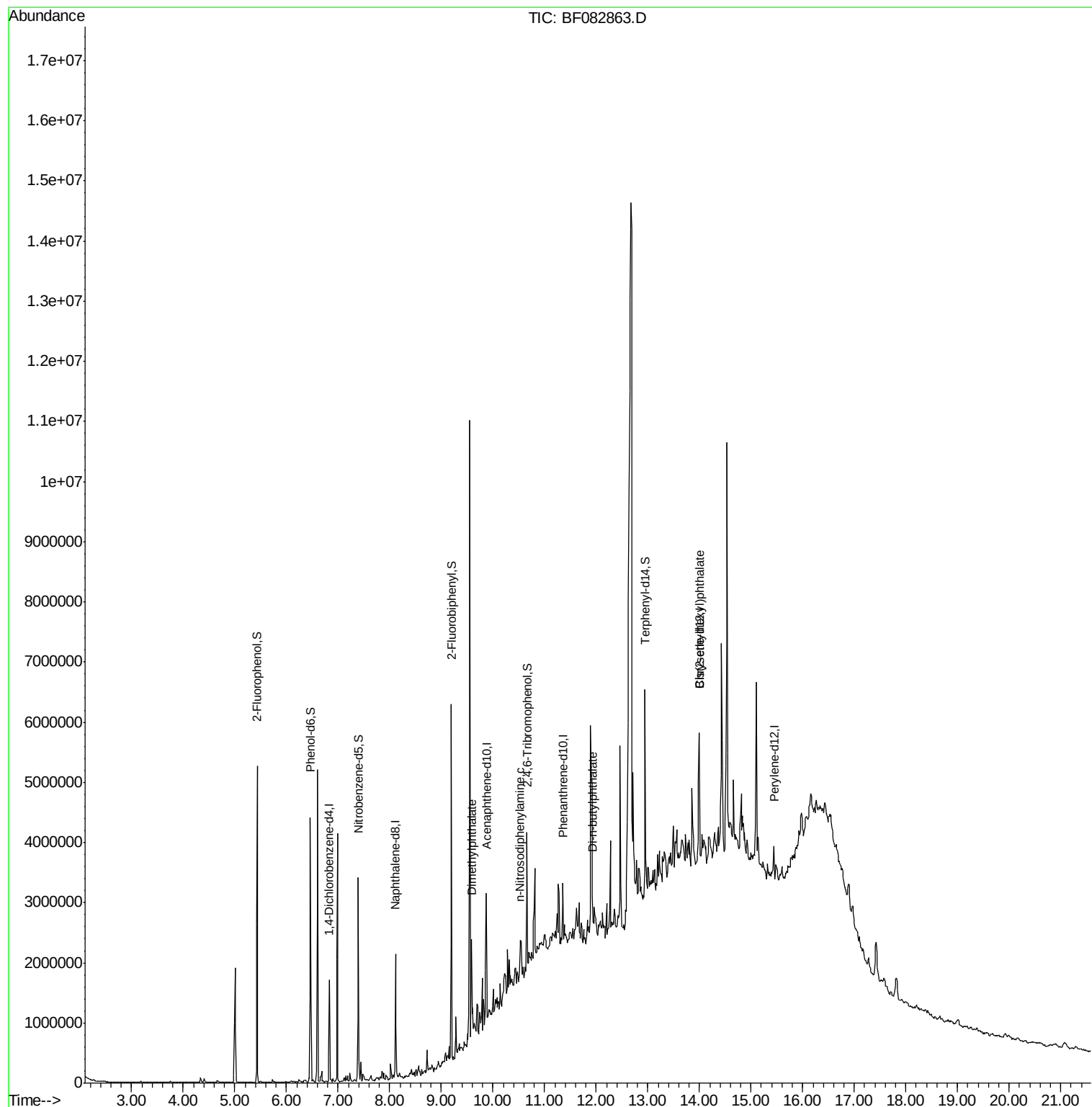
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	239744	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	786745	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	368684	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	518360	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	448742	20.00	ng	-0.02
86) Perylene-d12	15.45	264	370973	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1507285	97.82	ng	-0.01
7) Phenol-d6	6.46	99	1793326	87.55	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1151559	63.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	312793	73.99	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1763850	68.57	ng	-0.02
78) Terphenyl-d14	12.95	244	1087010	57.45	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.58	163	424671	14.06	ng	# 99
65) n-Nitrosodiphenylamine	10.52	169	123247	6.58	ng	96
73) Di-n-butylphthalate	11.93	149	215371	6.23	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	338180	18.15	ng	# 95

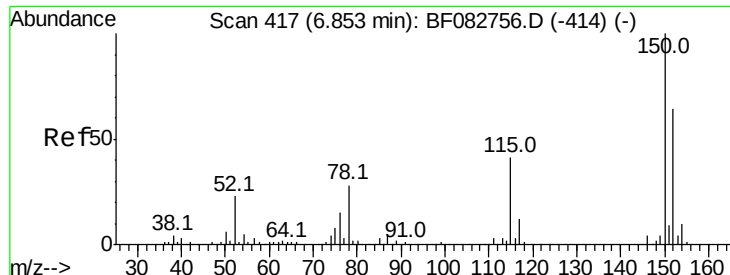
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082863.D
Acq On : 10 Nov 2015 9:42
Operator : UM/IZ
Sample : G4257-09RE
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WABUT-4(0-2)RE

Quant Time: Nov 10 10:10:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Instrument :

BNA_F

ClientSampleId :

WABUT-4(0-2)RE

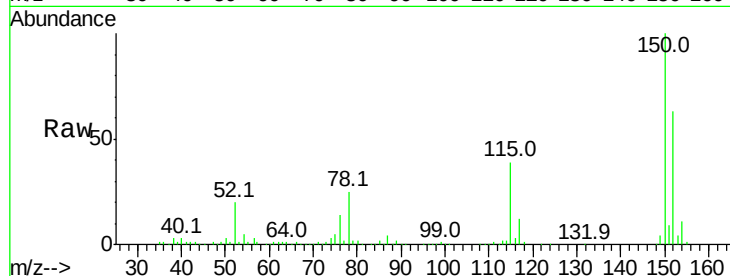
Tot Ion:152 Resp: 239744

Ion Ratio Lower Upper

152 100

150 159.9 127.0 190.4

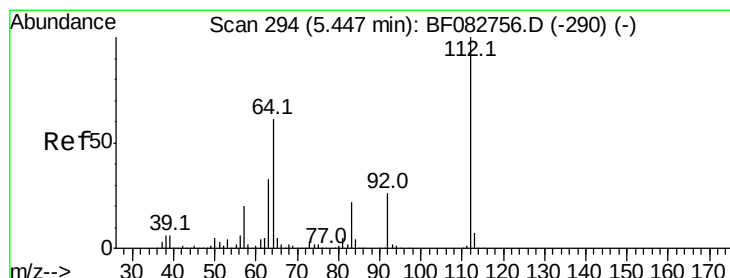
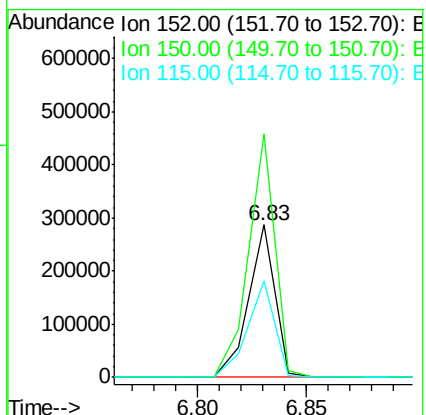
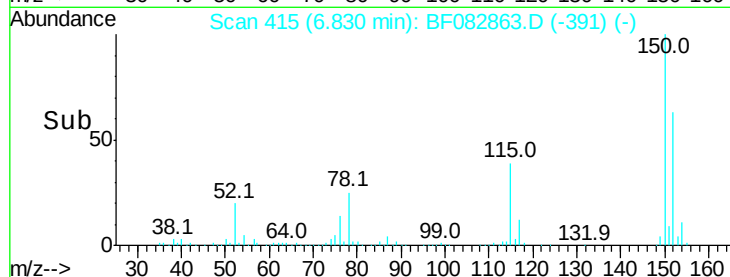
115 63.0 47.0 70.6



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: 97.82 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

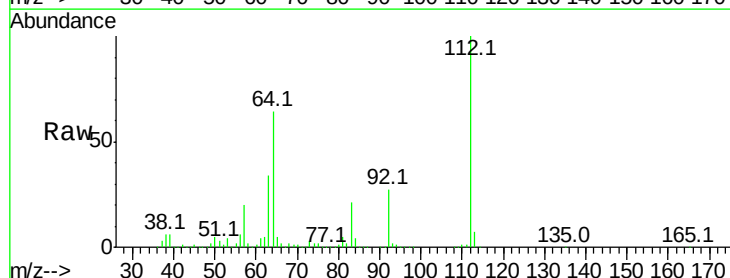
Tgt Ion:112 Resp: 1507285

Ion Ratio Lower Upper

112 100

64 64.1 48.9 73.3

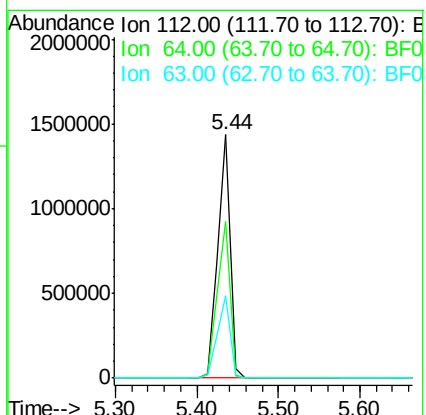
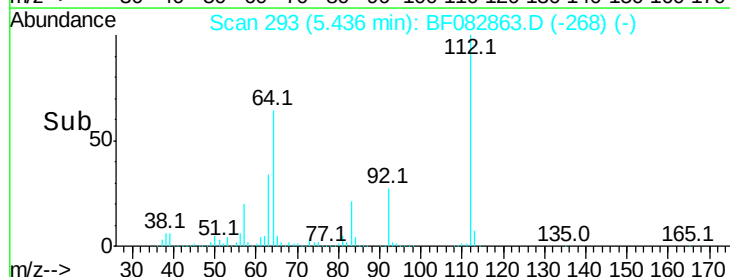
63 34.0 28.1 42.1

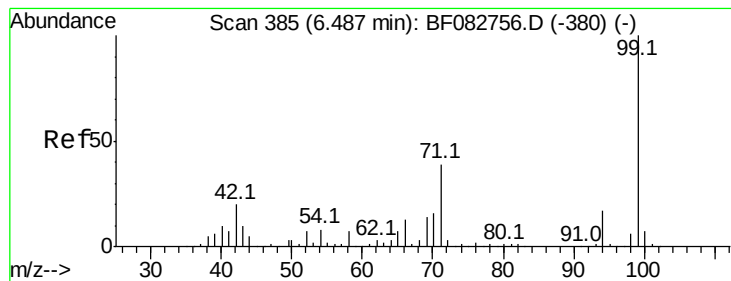


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.55 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Instrument :

BNA_F

ClientSampleId :

WABUT-4(0-2)RE

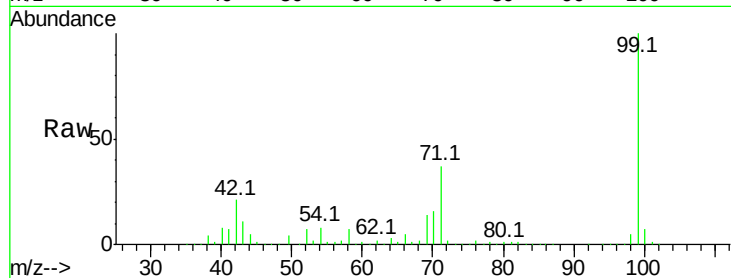
Tot Ion: 99 Resp: 1793326

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

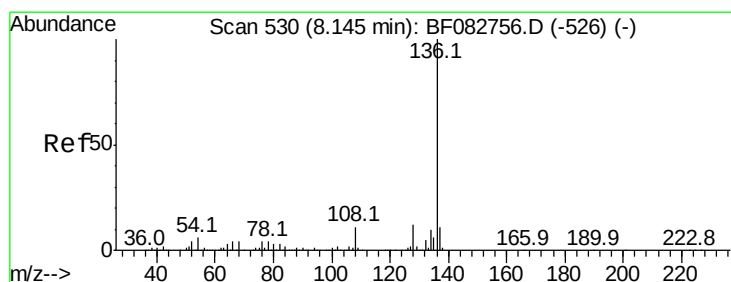
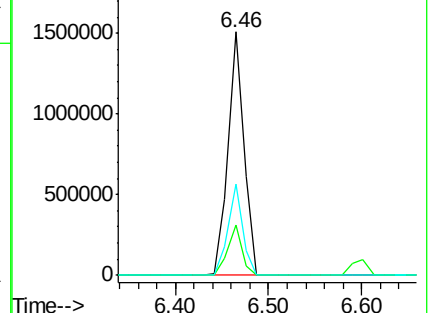
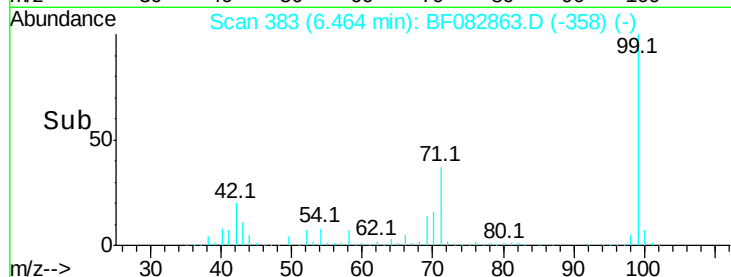
71 37.3 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Tgt Ion: 136 Resp: 786745

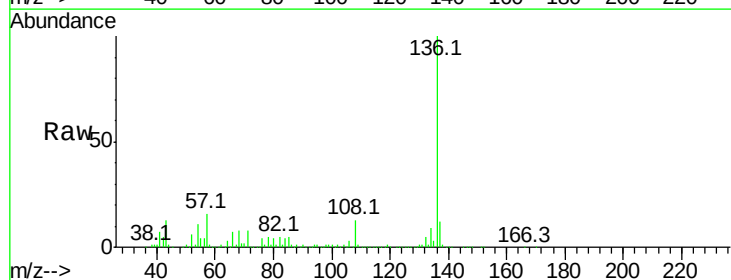
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 11.5 9.1 13.7

68 7.9 4.8 7.2#

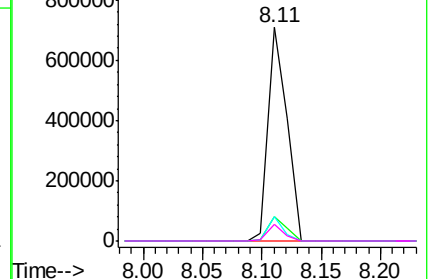
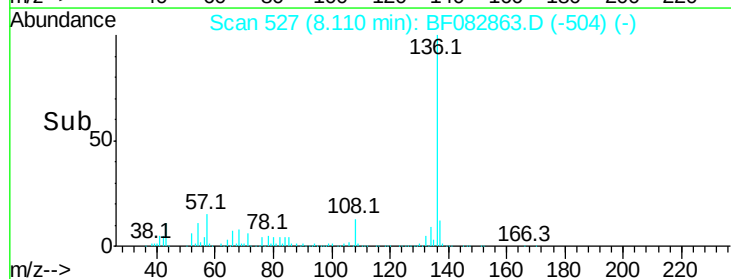


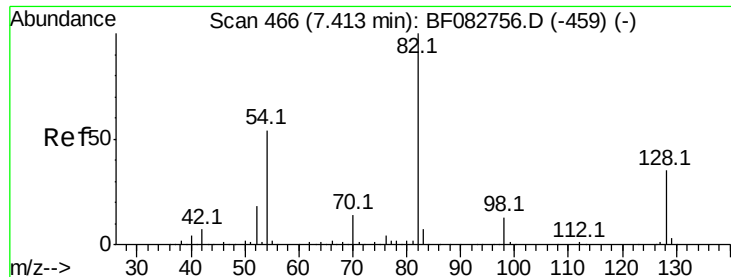
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



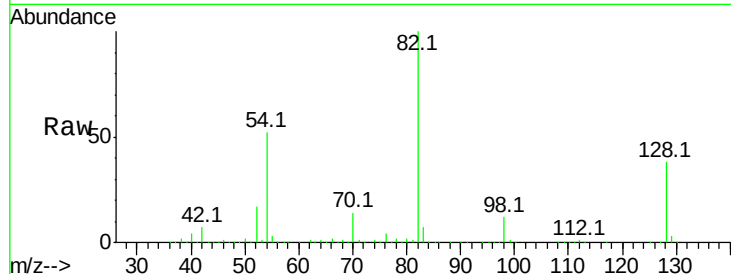


#23
 Nitrobenzene-d5
 Concen: 63.69 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

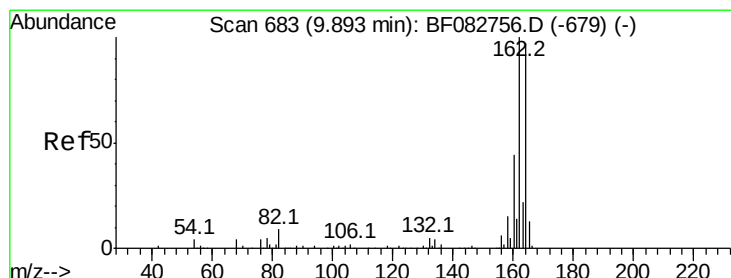
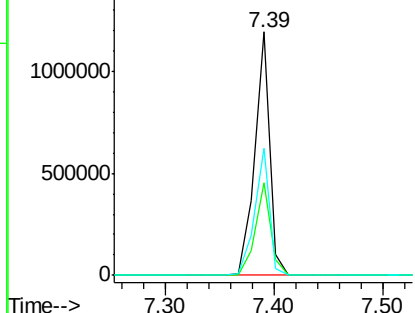
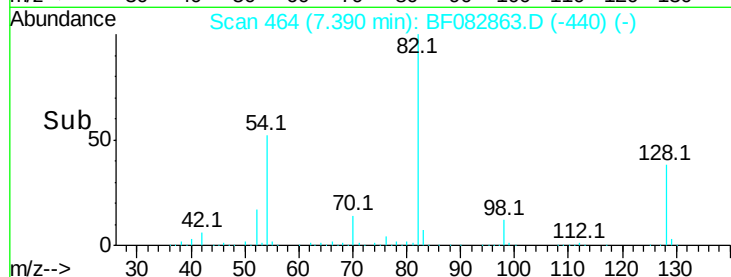
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-4(0-2)RE

Tot Ion: 82 Resp: 1151559

Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.8	40.2
54	52.4	45.7	68.5



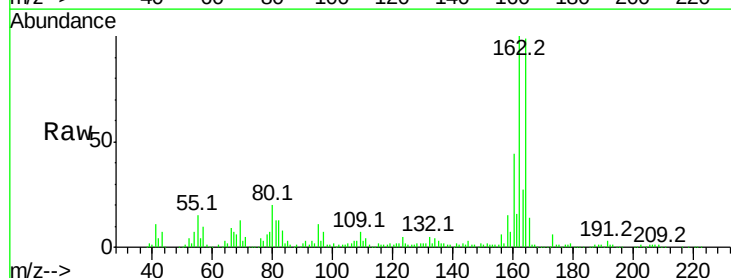
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



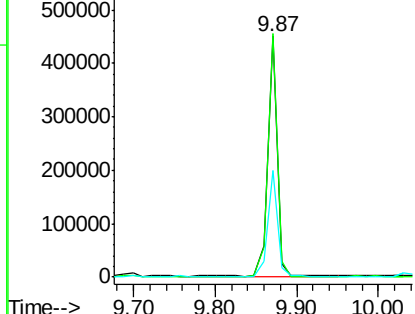
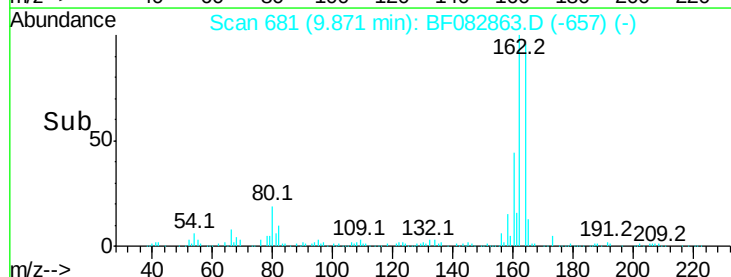
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

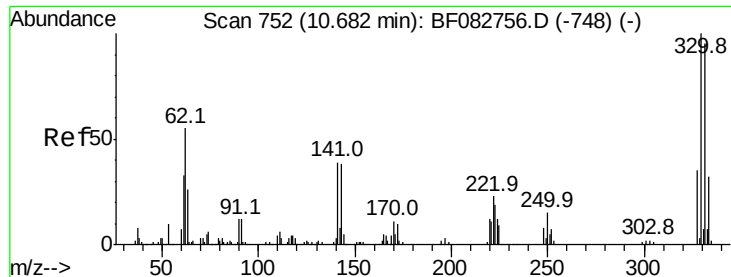
Tgt Ion: 164 Resp: 368684

Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.9	127.3
160	44.4	37.5	56.3



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

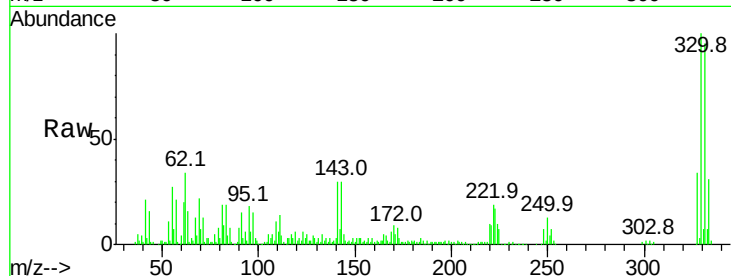




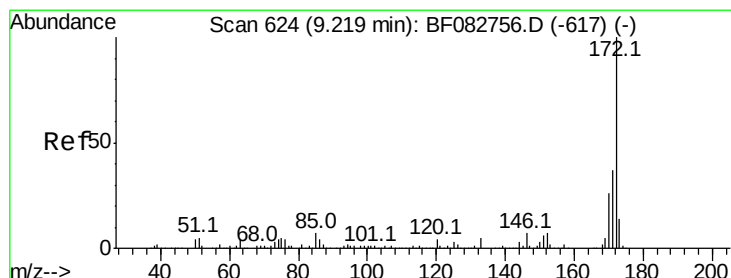
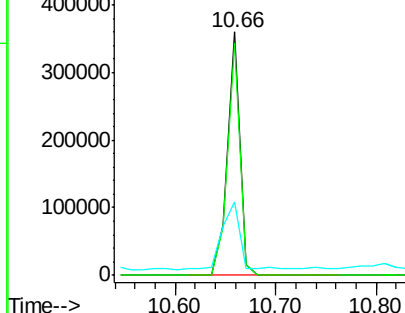
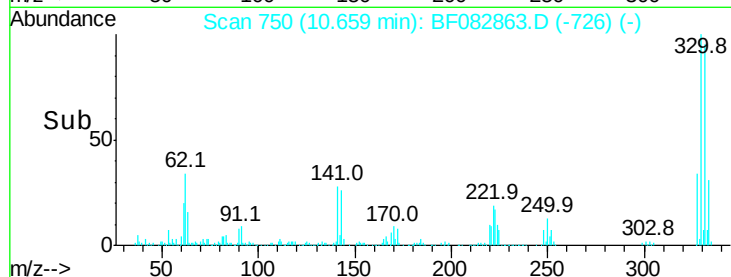
#41
 2,4,6-Tribromophenol
 Concen: 73.99 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-4(0-2)RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	38.7	41.2	61.8#

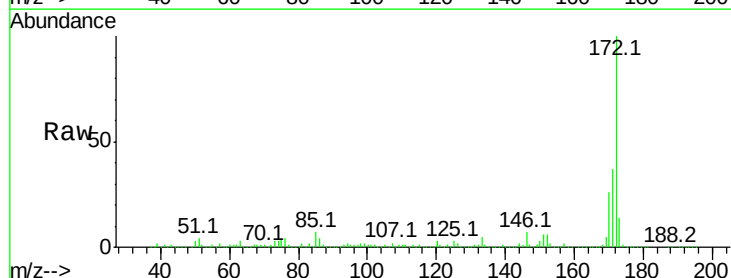


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

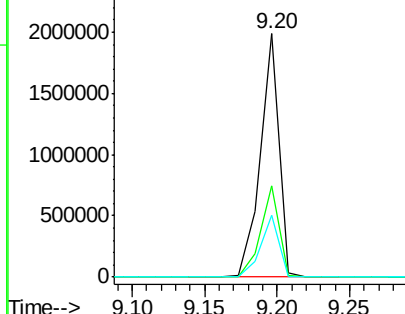
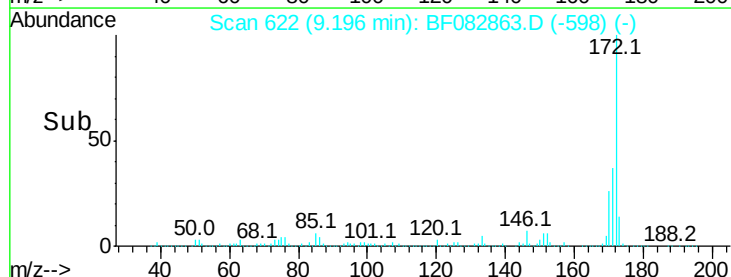


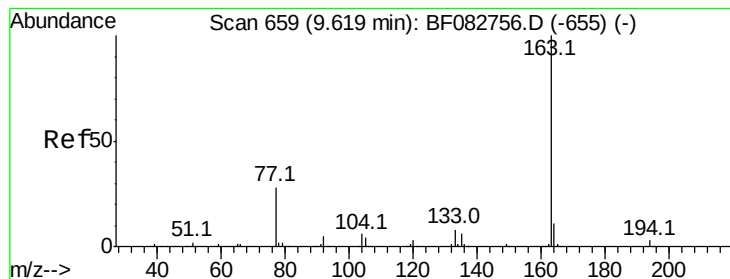
#44
 2-Fluorobiphenyl
 Concen: 68.57 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.5	21.2	31.8



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: 14.06 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Instrument :

BNA_F

ClientSampleId :

WABUT-4(0-2)RE

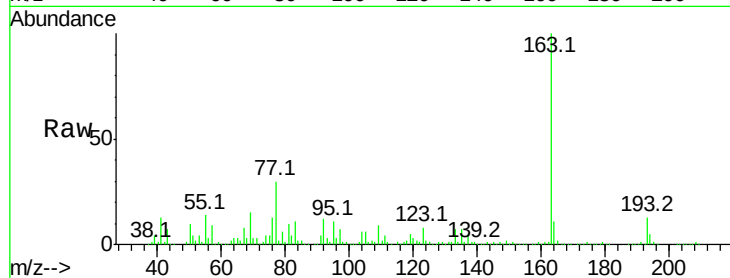
Tot Ion:163 Resp: 424671

Ion Ratio Lower Upper

163 100

194 5.2 2.6 4.0#

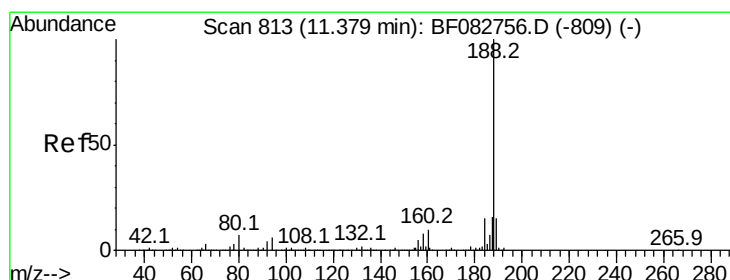
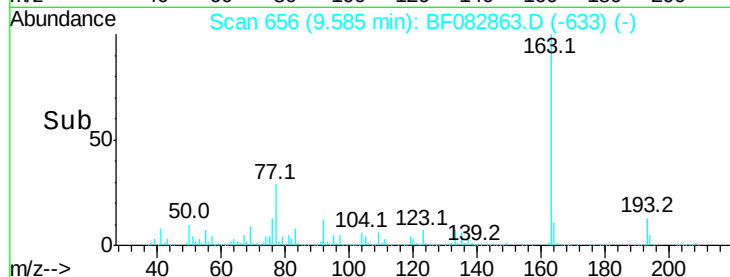
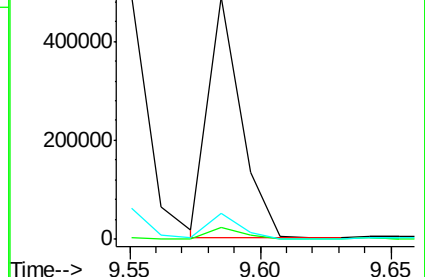
164 10.8 8.7 13.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

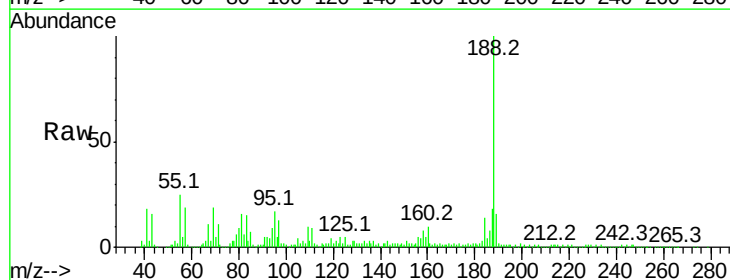
Tgt Ion:188 Resp: 518360

Ion Ratio Lower Upper

188 100

94 8.8 6.1 9.1

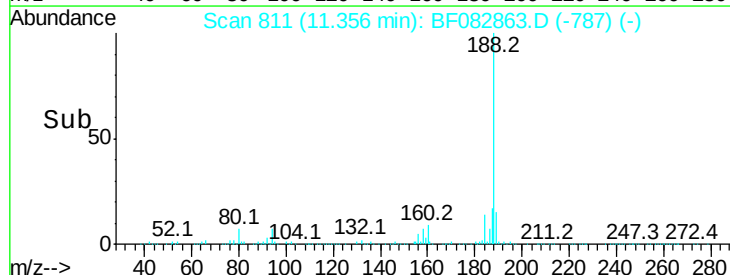
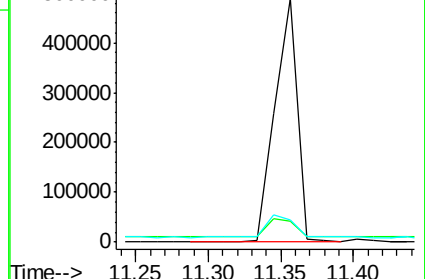
80 8.9 7.0 10.6

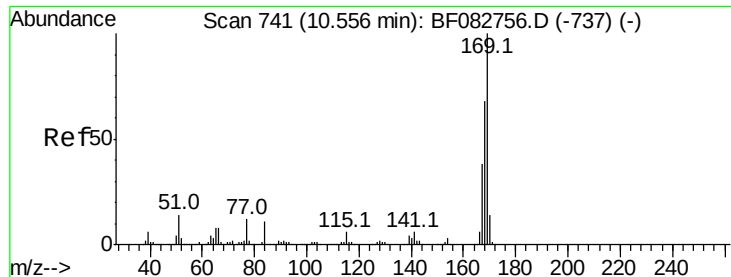


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 6.58 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Instrument :

BNA_F

ClientSampleId :

WABUT-4(0-2)RE

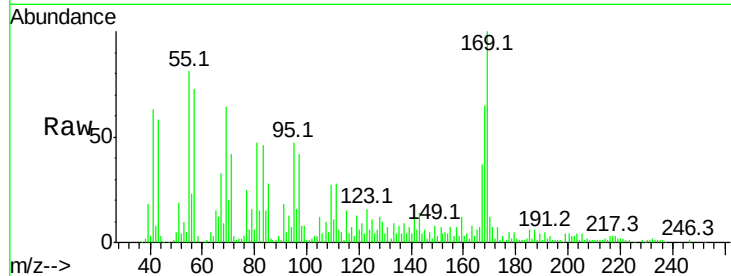
Tot Ion:169 Resp: 123247

Ion Ratio Lower Upper

169 100

168 64.9 55.0 82.6

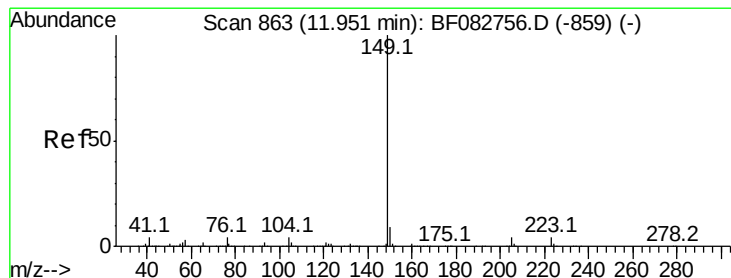
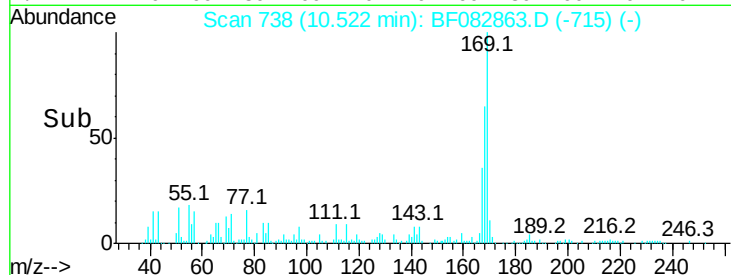
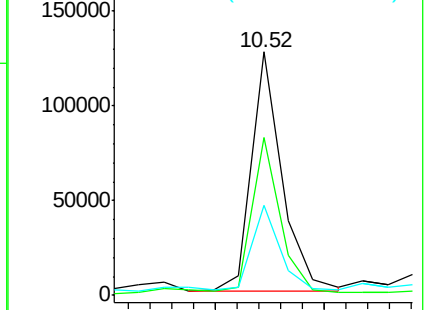
167 36.8 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#73

Di-n-butylphthalate

Concen: 6.23 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

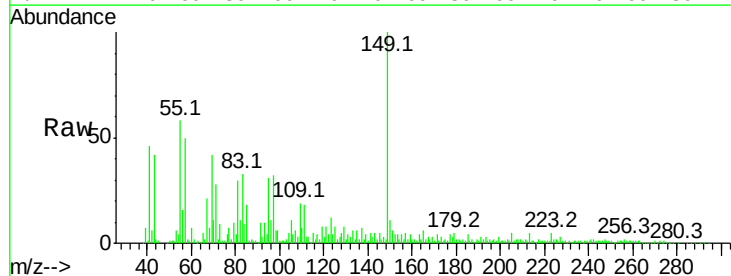
Tgt Ion:149 Resp: 215371

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

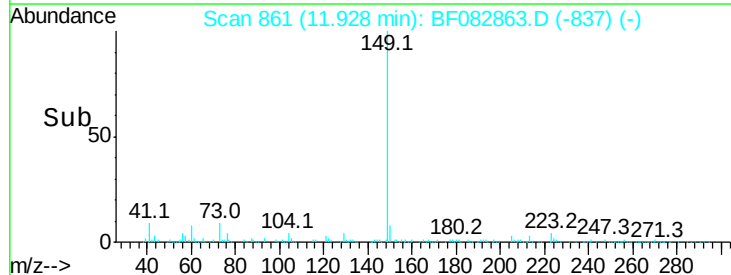
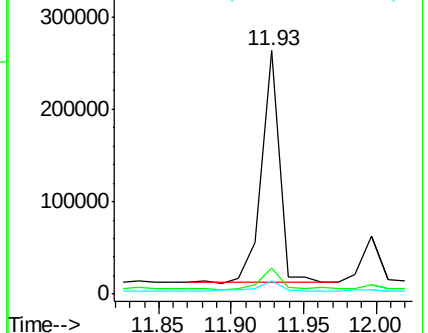
104 5.3 5.2 7.8

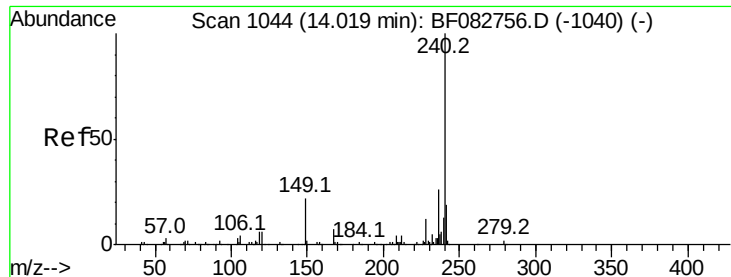


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Instrument :

BNA_F

ClientSampleId :

WABUT-4(0-2)RE

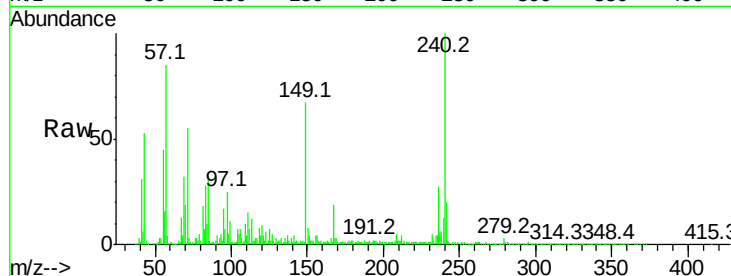
Tot Ion:240 Resp: 448742

Ion Ratio Lower Upper

240 100

120 9.3 10.9 16.3#

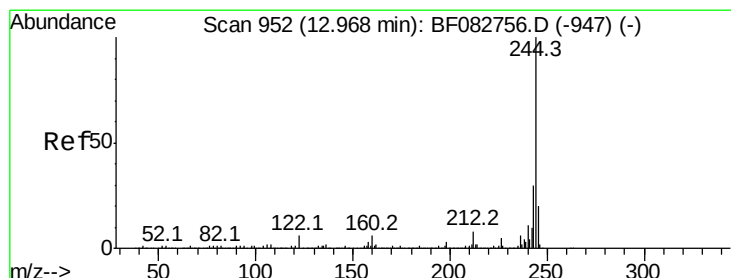
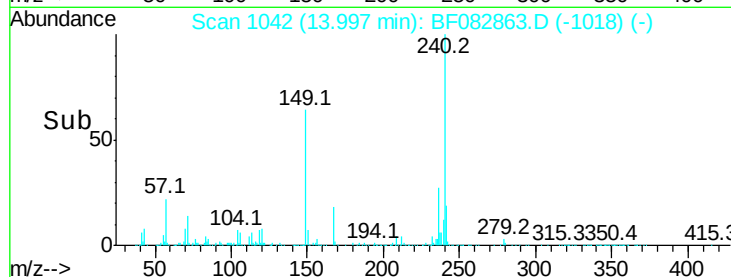
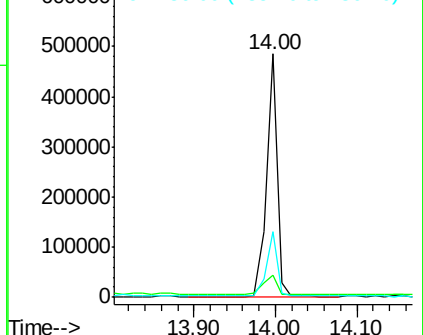
236 27.0 21.6 32.4



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: 57.45 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

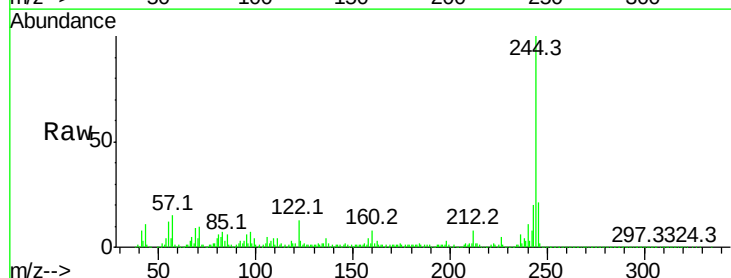
Tgt Ion:244 Resp: 1087010

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

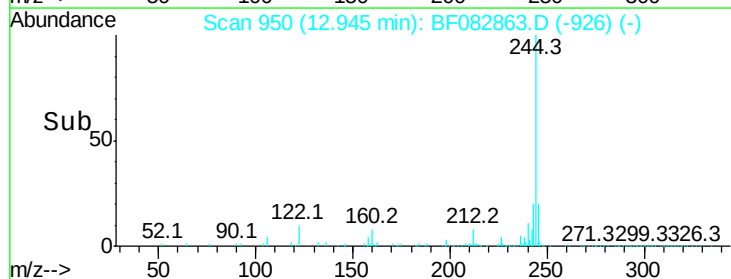
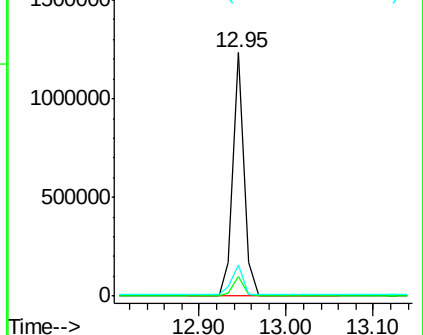
122 12.7 11.3 16.9

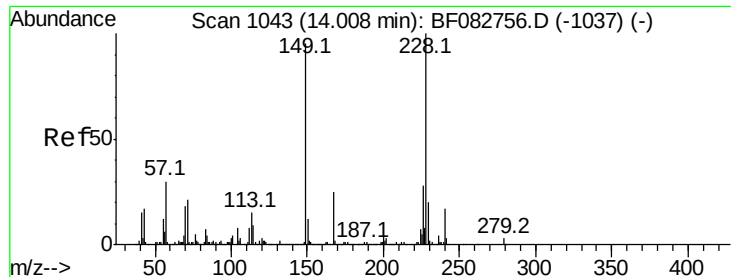


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

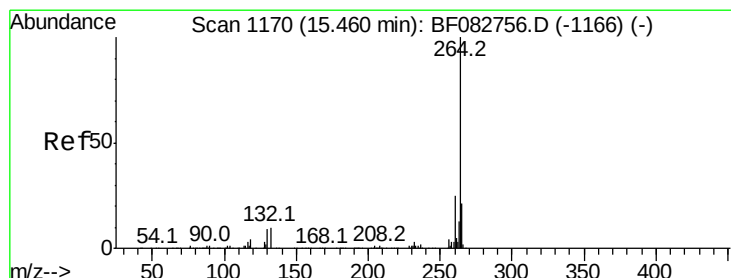
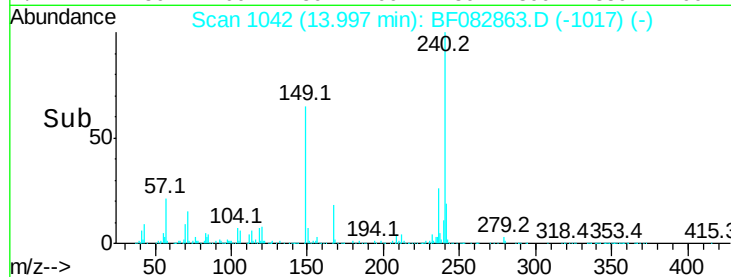
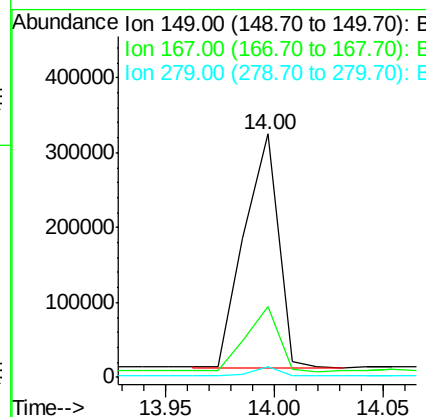
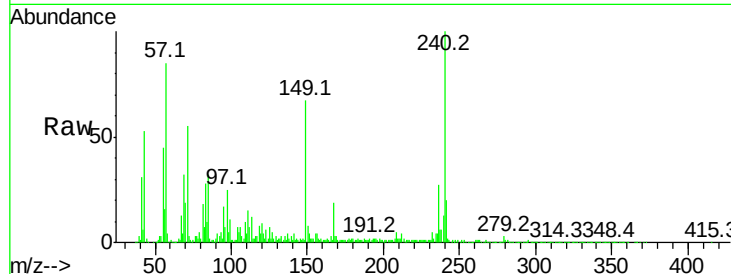




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.15 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-4(0-2)RE

Tot Ion:149 Resp: 338180
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.2 31.8
 279 4.4 2.2 3.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

Tgt Ion:264 Resp: 370973
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 21.6 17.4 26.0

