

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 10:05:43 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

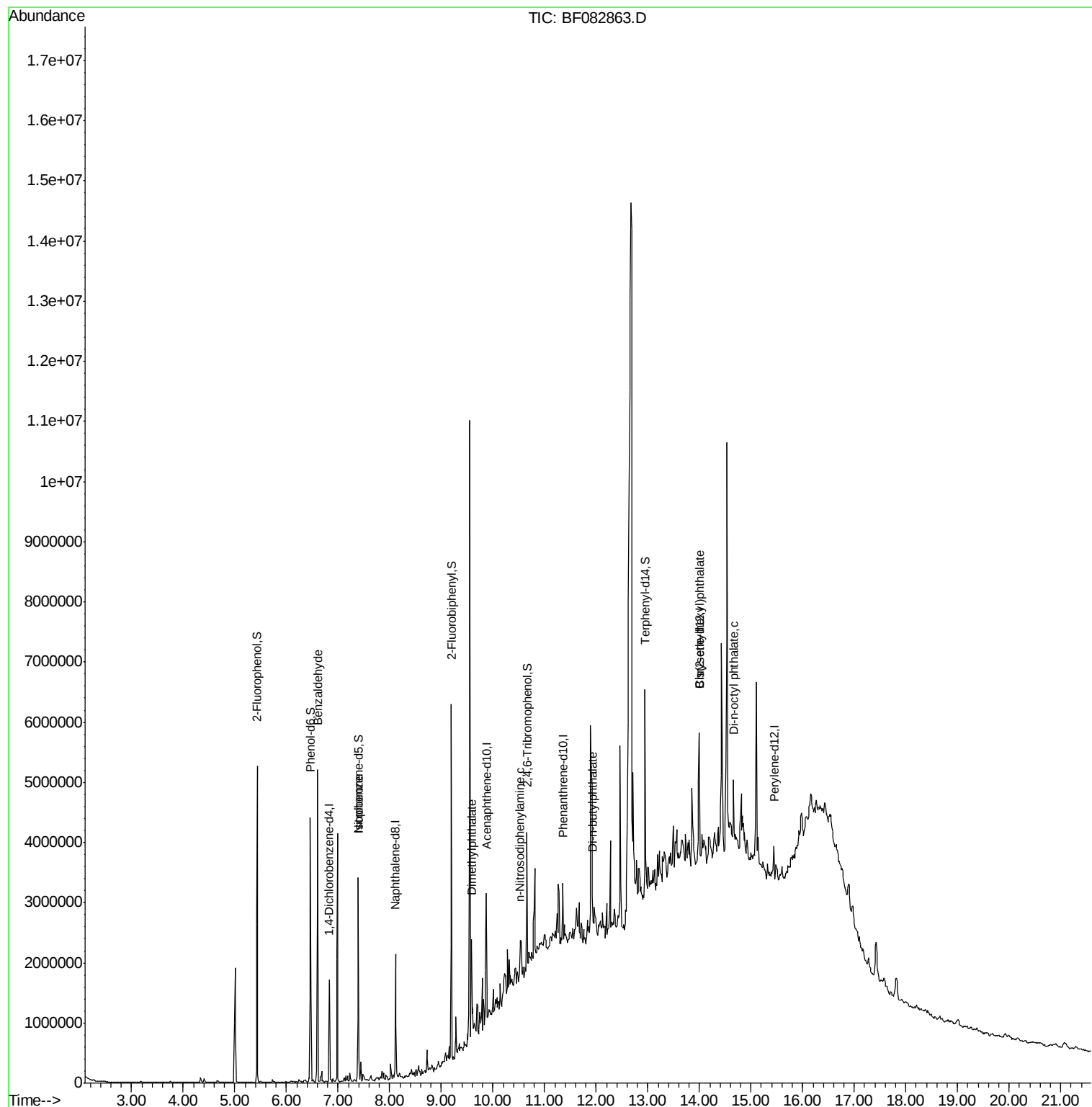
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	239744	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	786745	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	368684	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	518360	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	448742	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						
9) Benzaldehyde	6.60	77	41427	3.66	ng	Qvalue 89
25) Isophorone	7.39	82	1139620	34.06	ng	# 70
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
84) Di-n-octyl phthalate	14.66	149	90282	2.90	ng	# 1

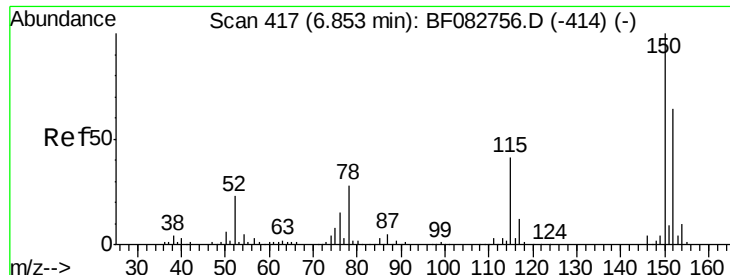
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

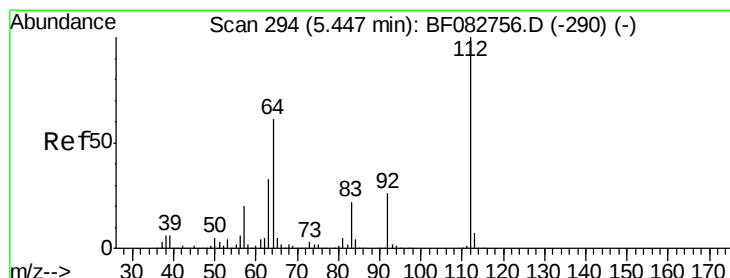
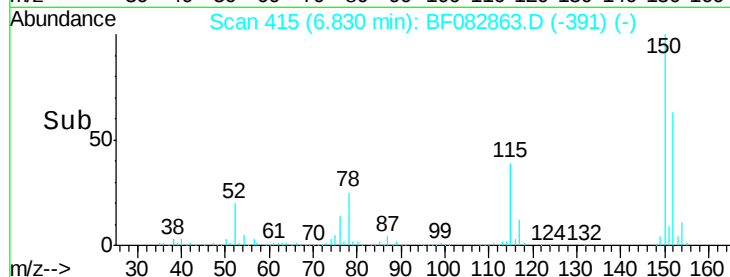
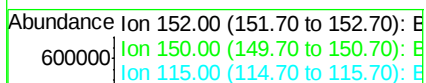
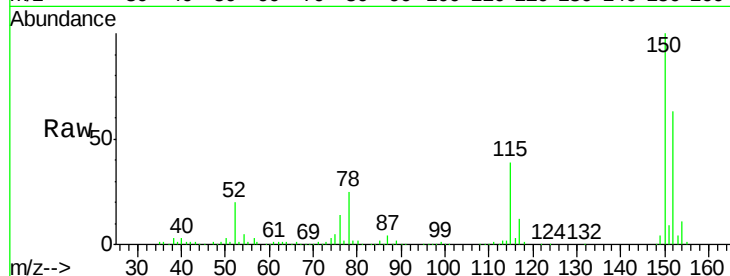
Tot Ion:152 Resp: 239744

Ion Ratio Lower Upper

152 100

150 159.9 127.0 190.4

115 63.0 47.0 70.6



#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

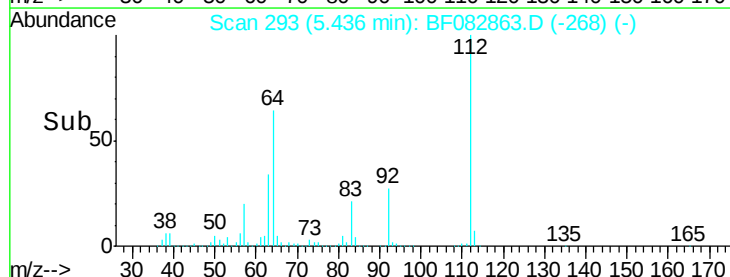
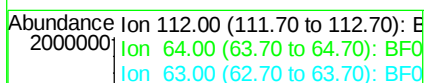
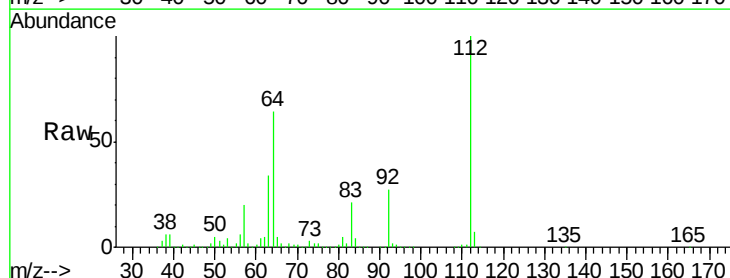
Tgt Ion:112 Resp: 1507285

Ion Ratio Lower Upper

112 100

64 64.1 48.9 73.3

63 34.0 28.1 42.1





#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

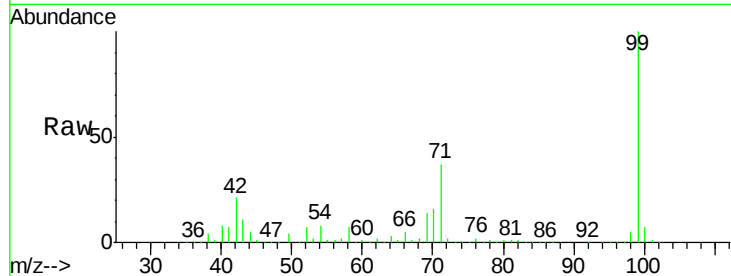
Tot Ion: 99 Resp: 1793326

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

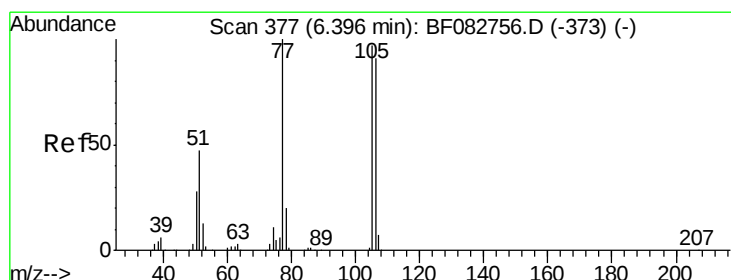
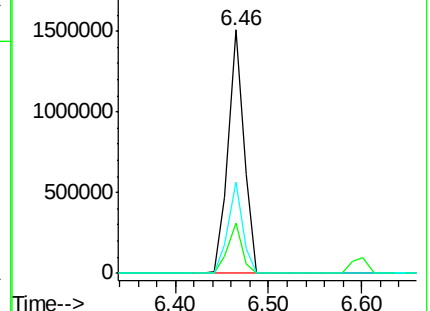
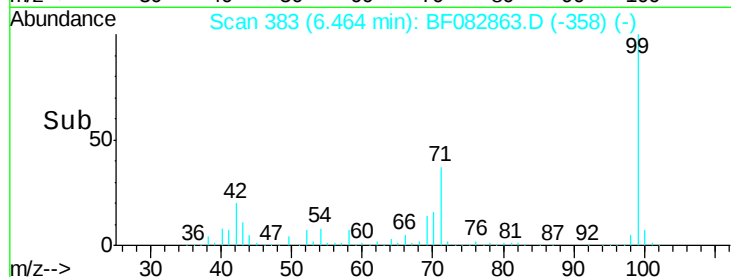
71 37.3 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.66 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

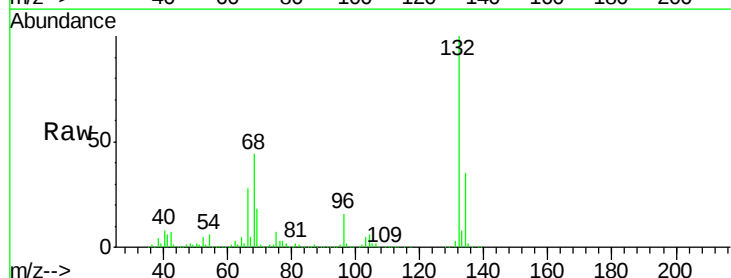
Tgt Ion: 77 Resp: 41427

Ion Ratio Lower Upper

77 100

105 75.2 63.5 103.5

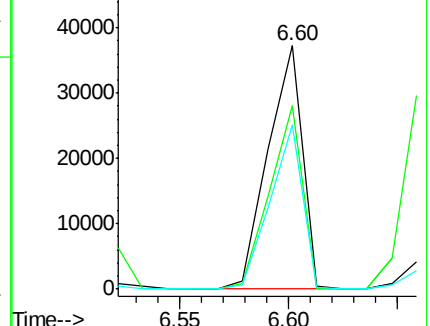
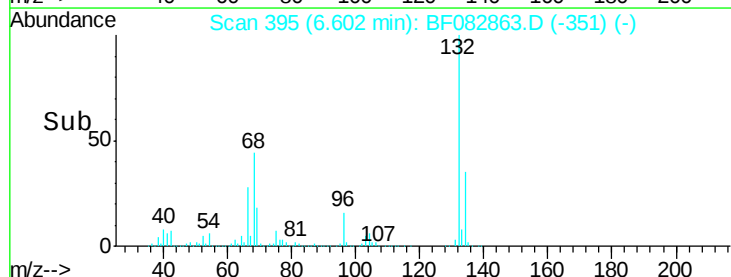
106 67.6 59.3 99.3

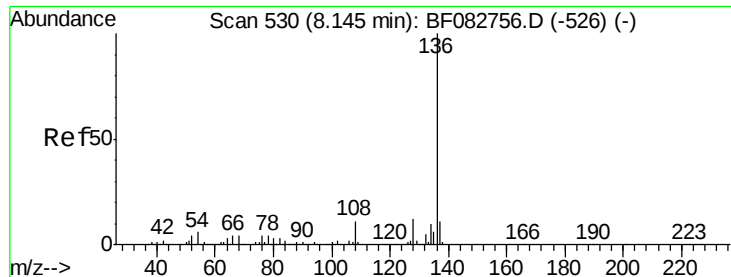


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

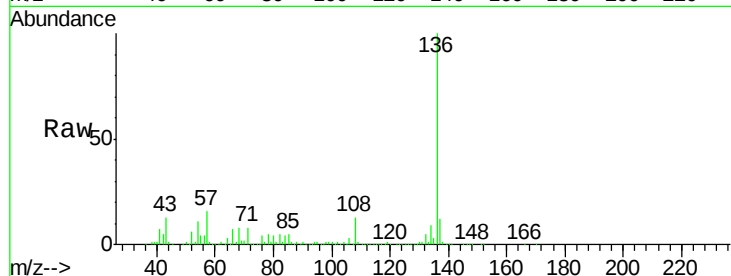




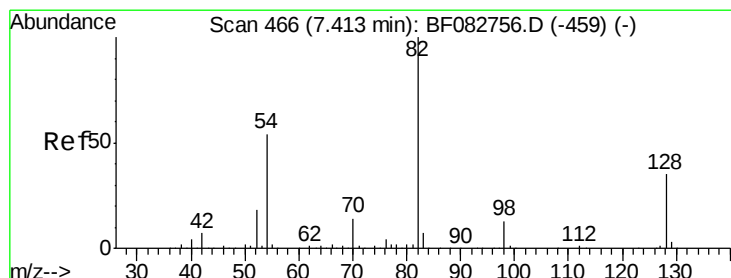
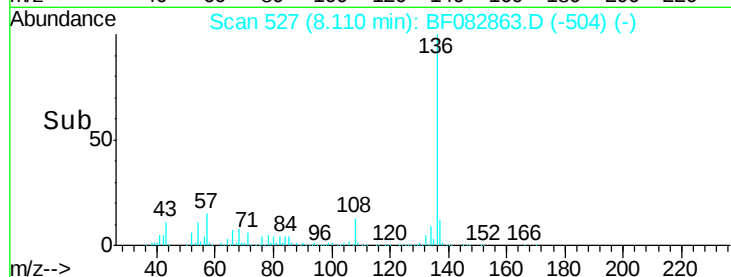
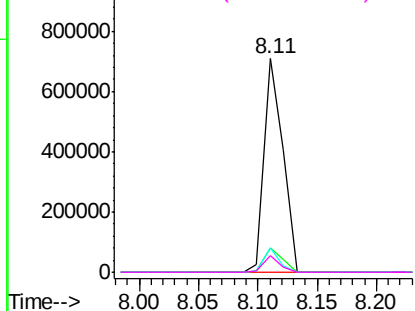
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082863.D
Acq: 10 Nov 2015 9:42

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

Tot 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#

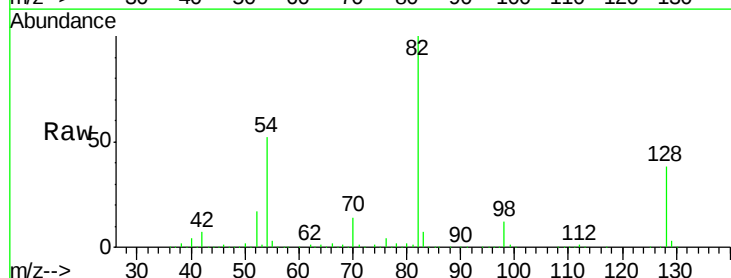


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

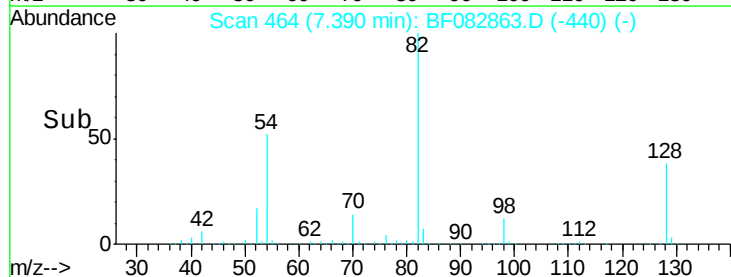
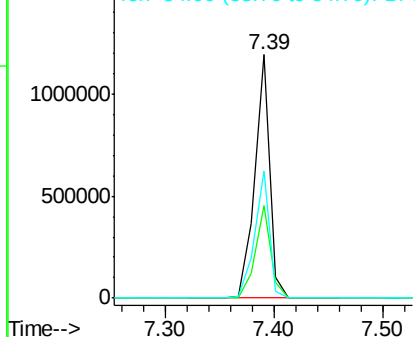


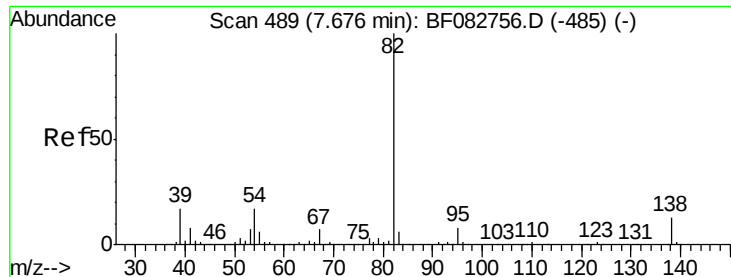
#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082863.D
Acq: 10 Nov 2015 9:42

Tgt 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





#25

Isophorone

Concen: 34.06 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

Instrument :

BNA_F

ClientSampleId :

WABUT-4(0-2)RE

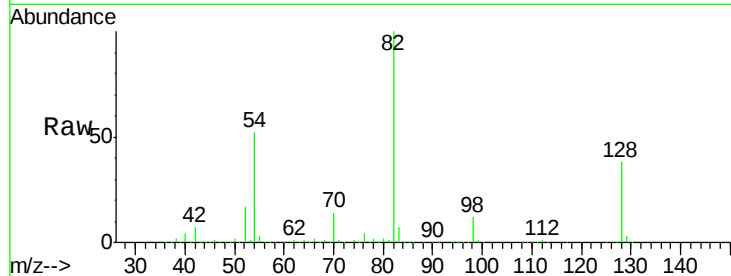
Tot Ion: 82 Resp: 1139620

Ion Ratio Lower Upper

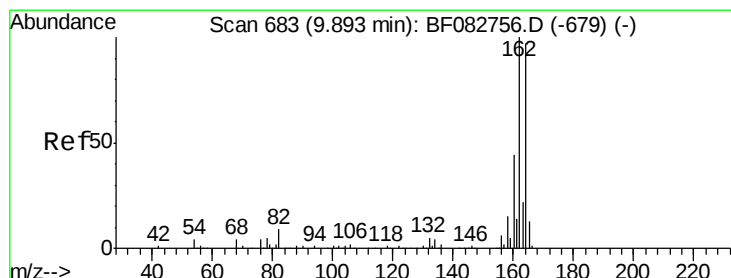
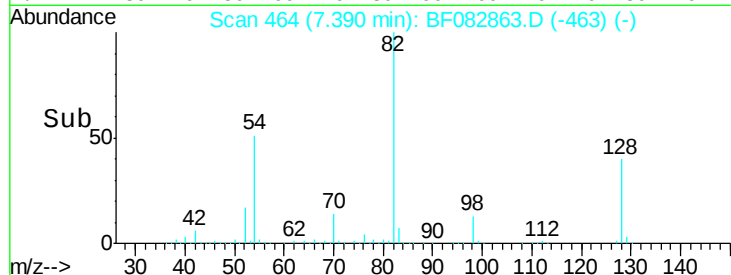
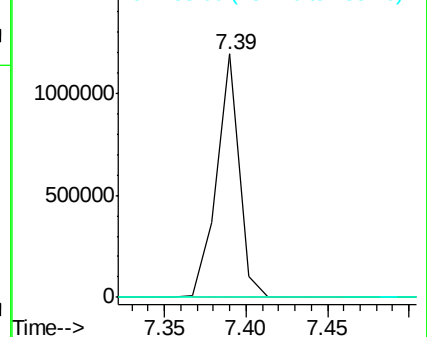
82 100

95 0.1 6.6 9.8#

138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#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

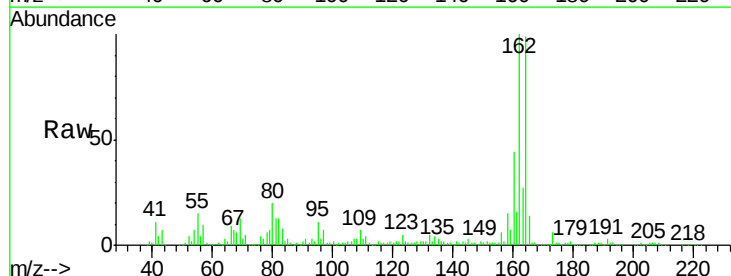
Tgt Ion:164 Resp: 368684

Ion Ratio Lower Upper

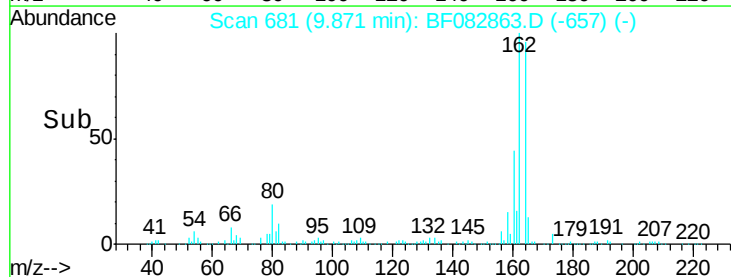
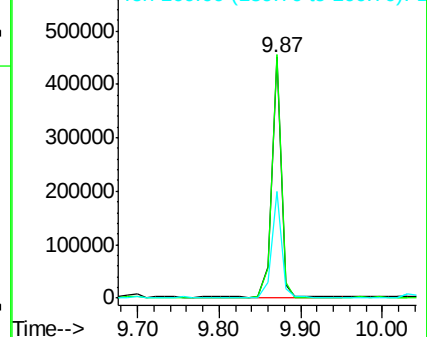
164 100

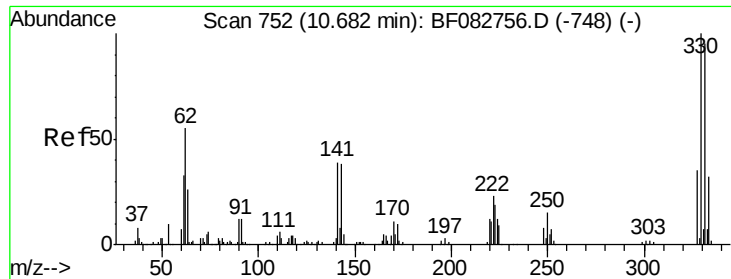
162 101.0 84.9 127.3

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

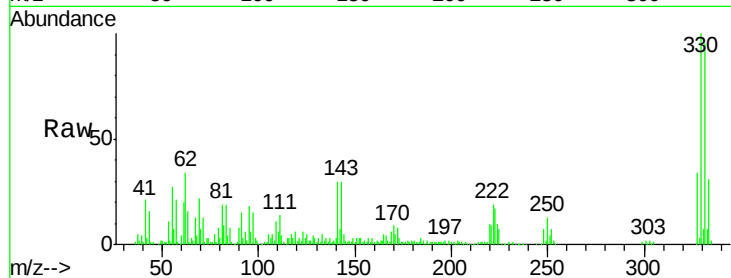




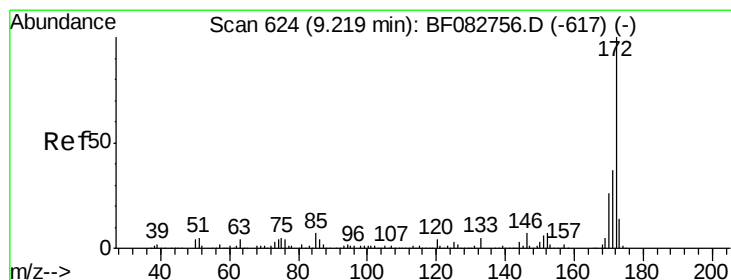
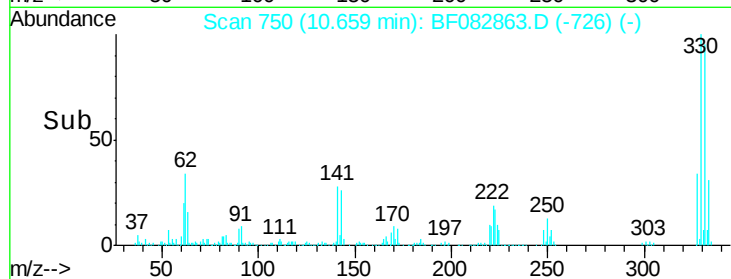
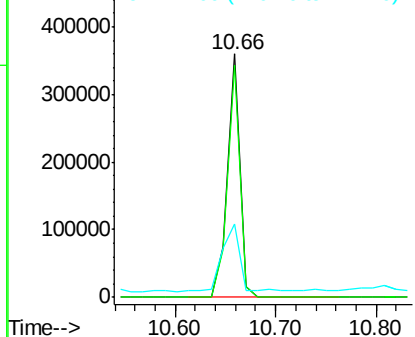
#41
 2,4,6-Tribromophenol
 Concen: 73.99 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

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#

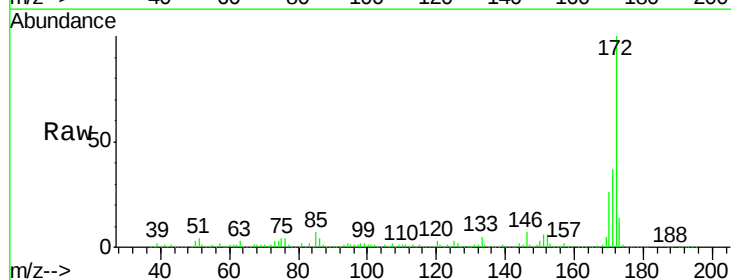


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

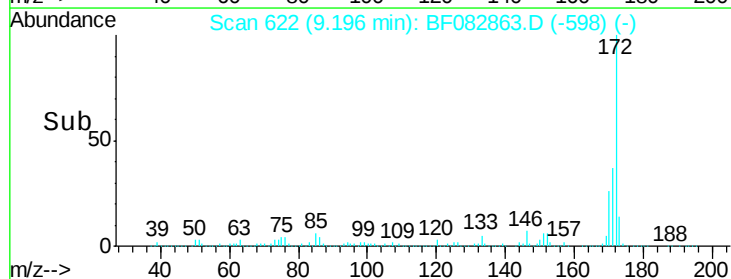
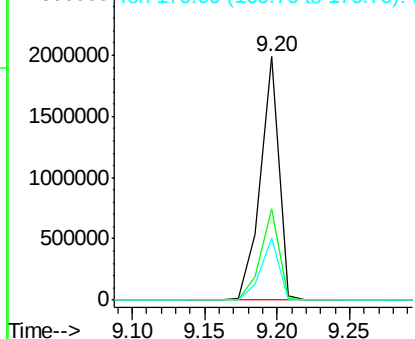


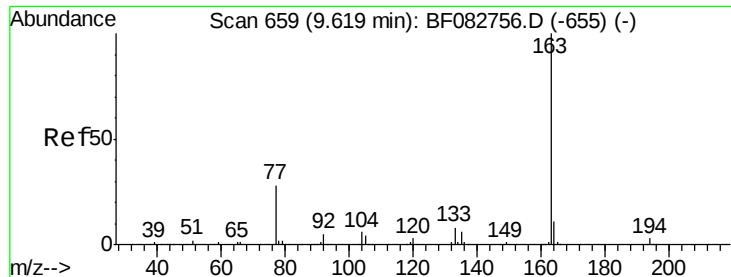
#44
 2-Fluorobiphenyl
 Concen: 68.57 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082863.D
 Acq: 10 Nov 2015 9:42

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

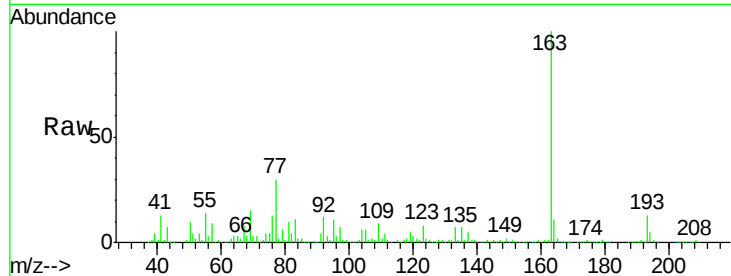




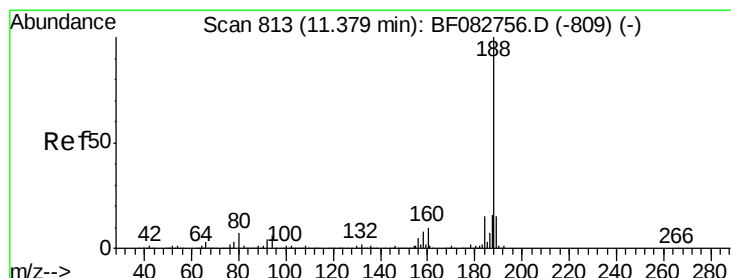
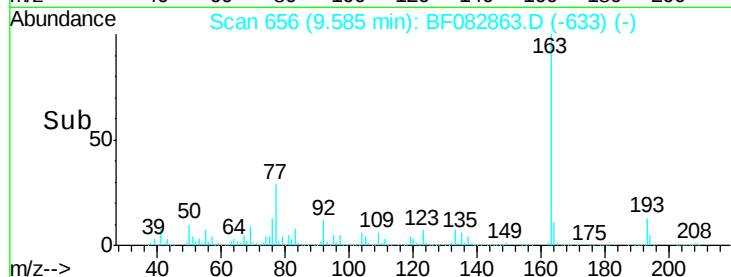
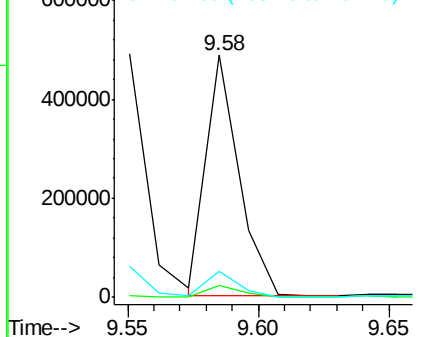
#49
Dimethylphthalate
Concen: 14.06 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082863.D
Acq: 10 Nov 2015 9:42

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

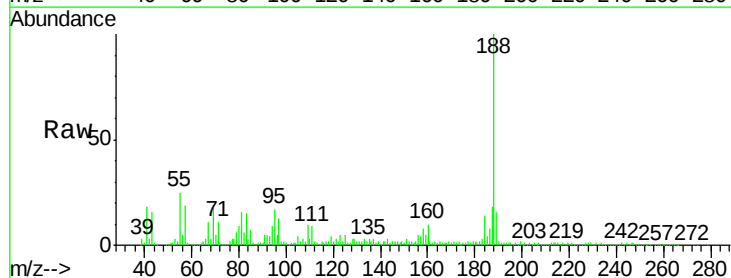


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

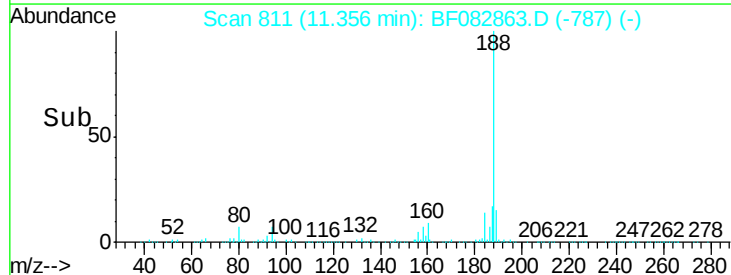
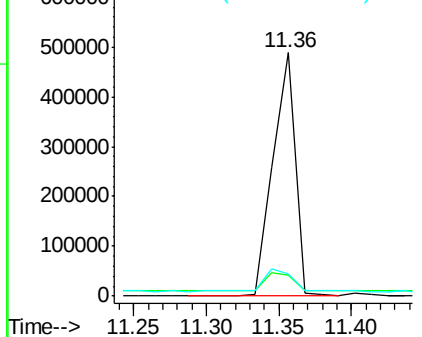


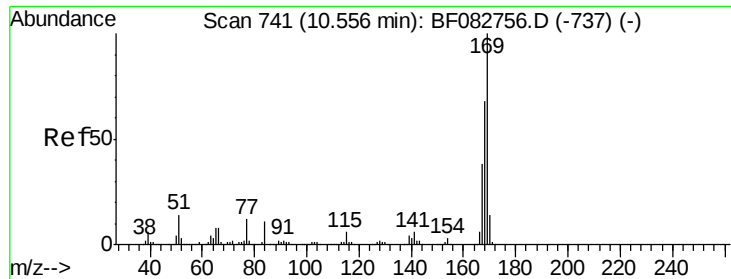
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082863.D
Acq: 10 Nov 2015 9:42

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

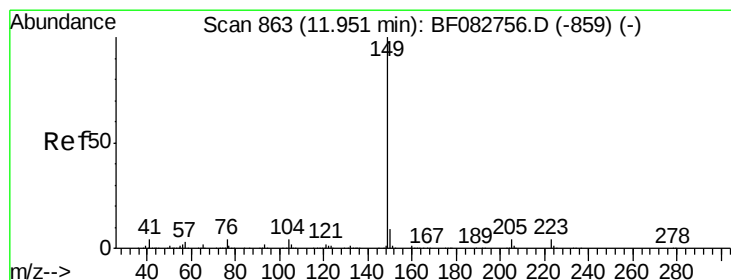
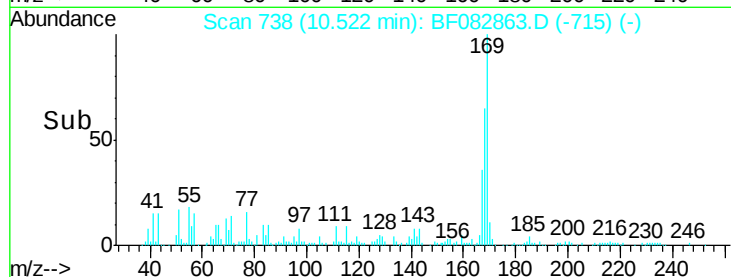
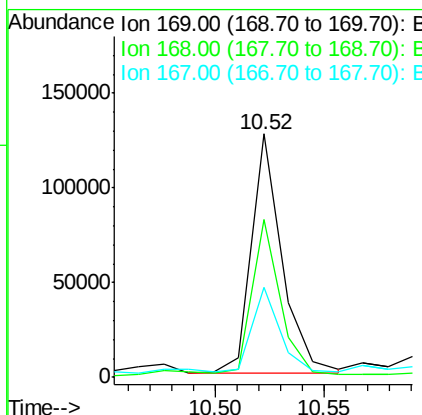
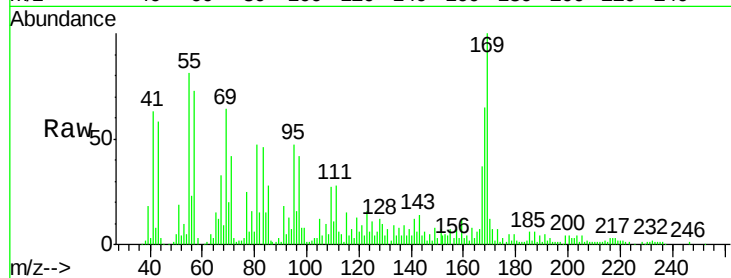




#65
n-Nitrosodiphenylamine
Concen: 6.58 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF082863.D
Acq: 10 Nov 2015 9:42

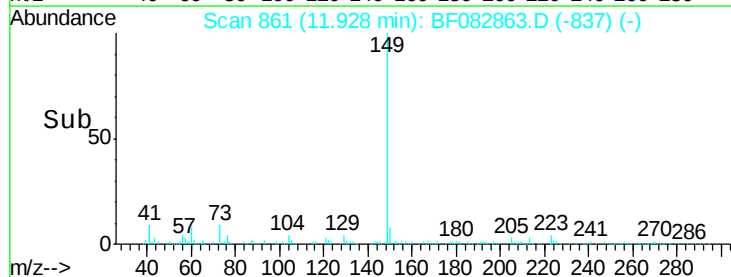
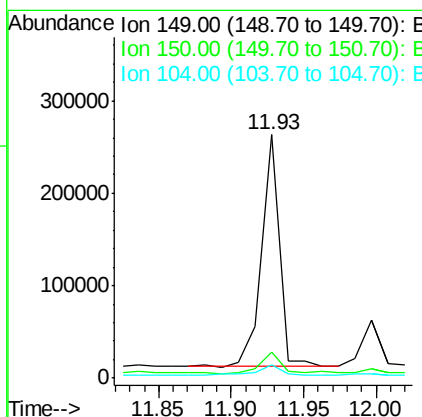
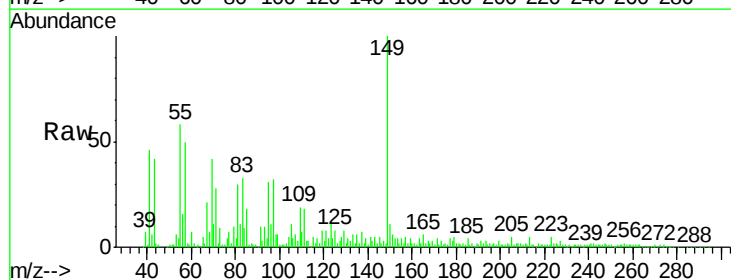
Instrument :
BNA_F
ClientSampleId :
WABUT-4(0-2)RE

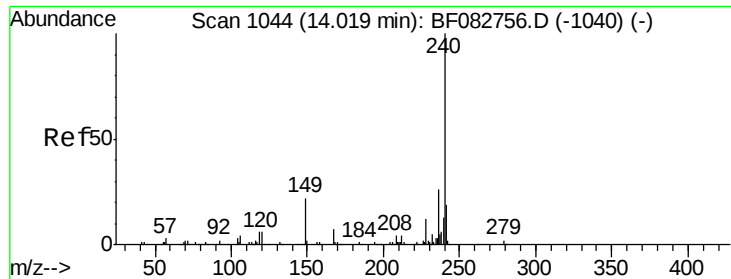
Tot Ion:169 Resp: 123247
Ion Ratio Lower Upper
169 100
168 64.9 55.0 82.6
167 36.8 30.5 45.7



#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





#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

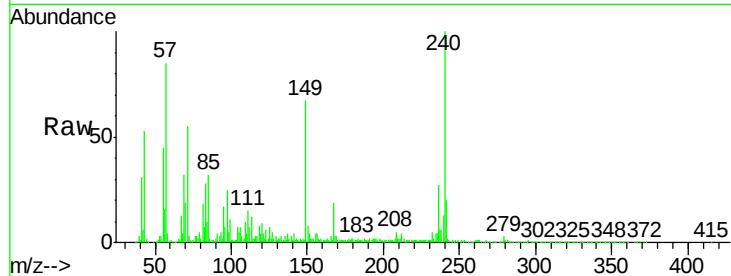
Tot Ion:240 Resp: 448742

Ion Ratio Lower Upper

240 100

120 9.3 10.9 16.3#

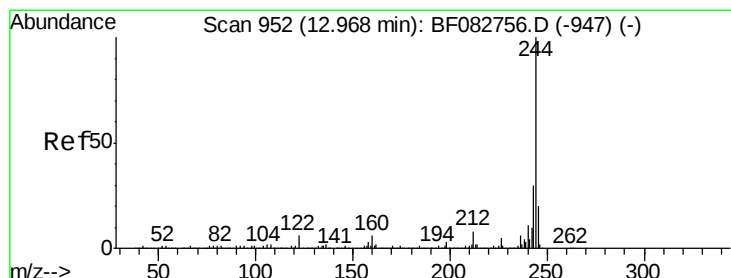
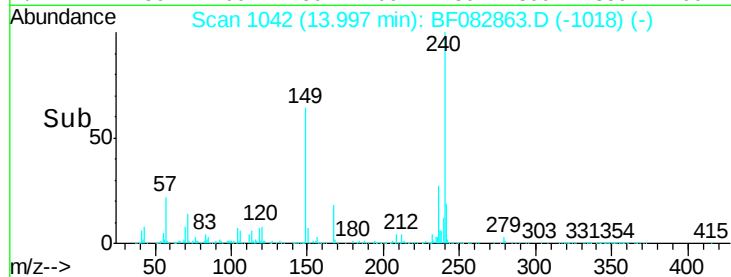
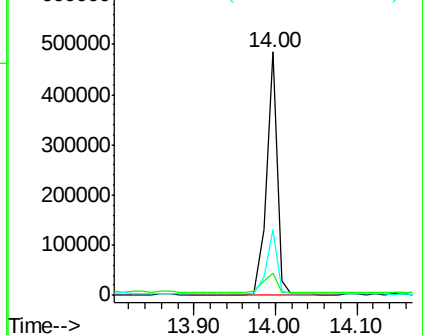
236 27.0 21.6 32.4



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

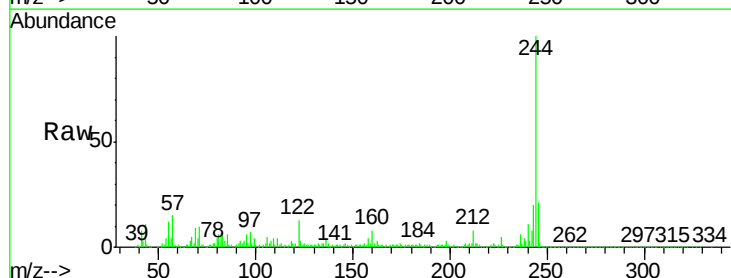
Tgt Ion:244 Resp: 1087010

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

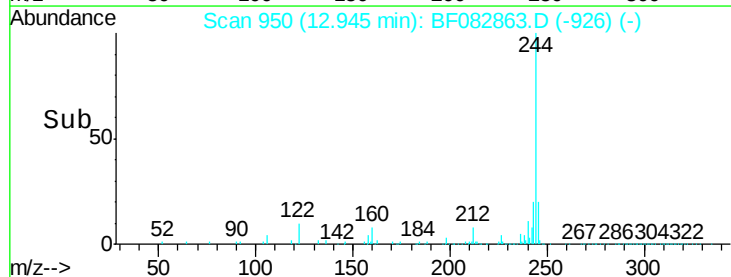
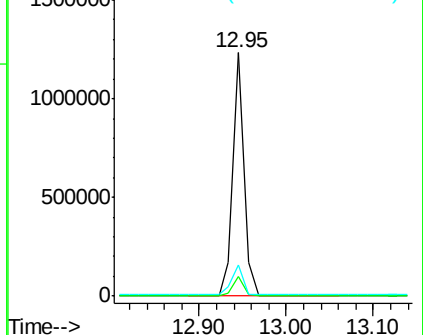
122 12.7 11.3 16.9

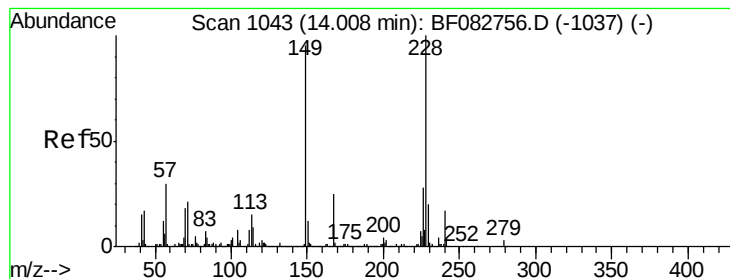


Abundance Ion 244.00 (243.70 to 244.70): E

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

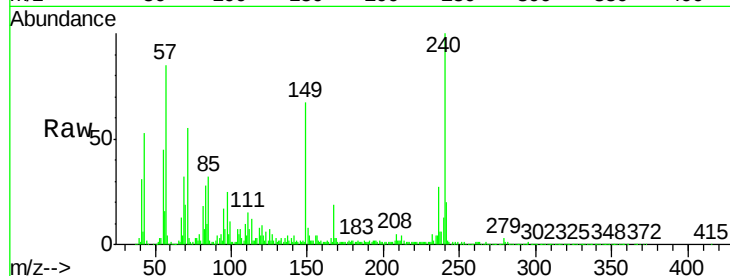
Tot Ion:149 Resp: 338180

Ion Ratio Lower Upper

149 100

167 29.0 21.2 31.8

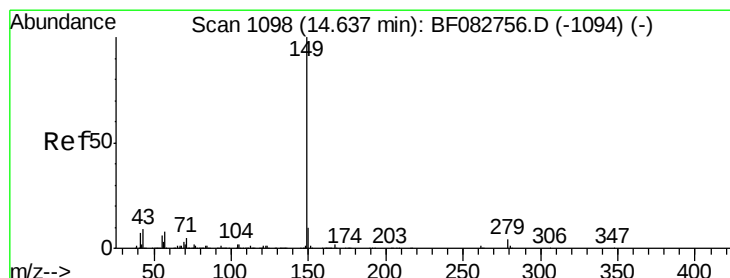
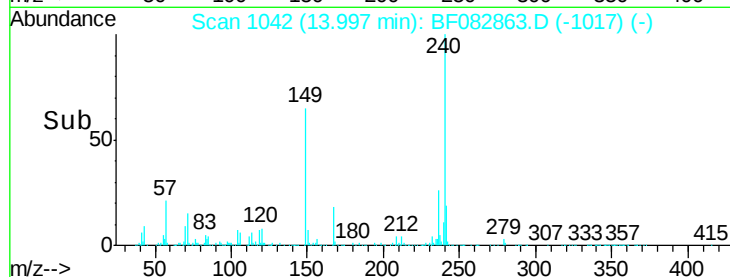
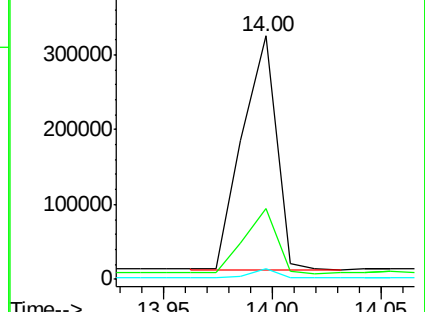
279 4.4 2.2 3.2#



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



#84

Di-n-octyl phthalate

Concen: 2.90 ng

RT: 14.66 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF082863.D

Acq: 10 Nov 2015 9:42

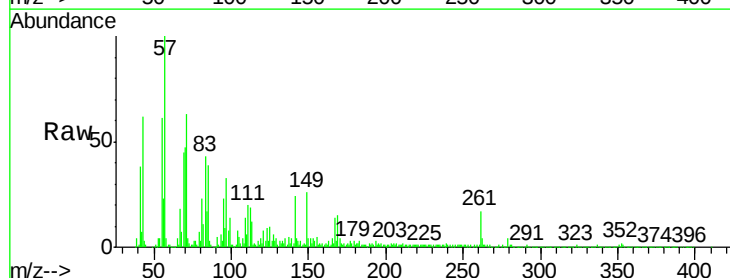
Tgt Ion:149 Resp: 90282

Ion Ratio Lower Upper

149 100

167 51.3 1.3 1.9#

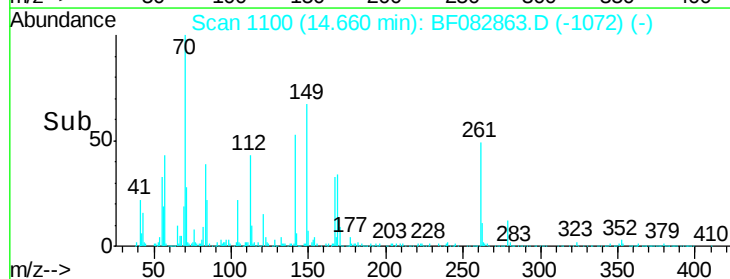
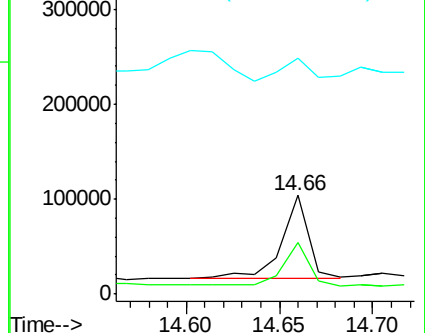
43 56.4 10.1 15.1#

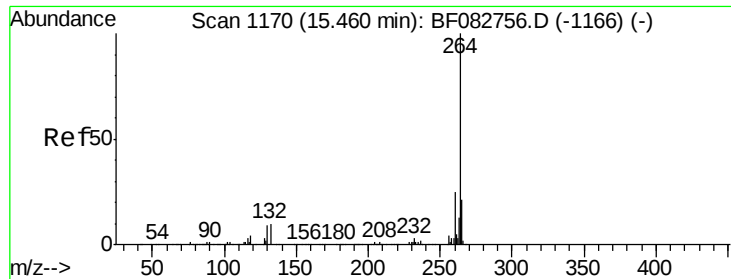


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86
 Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.6	17.4	26.0

