

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080162.D
 Acq On : 25 Jun 2015 13:22
 Operator : TP/IZ
 Sample : PB84184BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BL

Quant Time: Jun 26 01:18:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

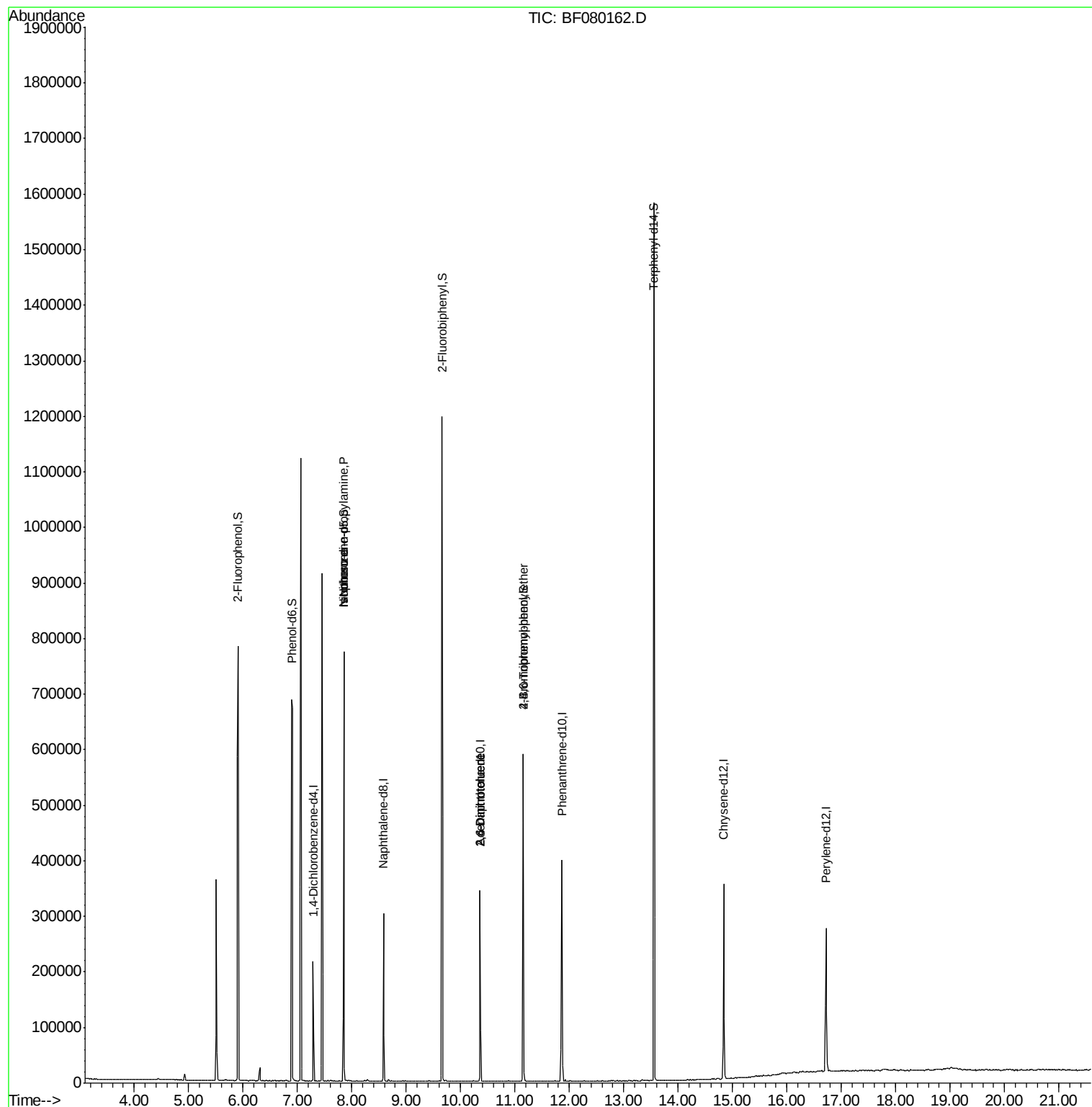
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32675	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	132057	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	66528	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	137039	20.00	ng	0.00
75) Chrysene-d12	14.84	240	143021	20.00	ng	0.01
86) Perylene-d12	16.72	264	139289	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	277960	150.59	ng	0.01
7) Phenol-d6	6.90	99	352951	143.69	ng	0.00
23) Nitrobenzene-d5	7.85	82	218784	96.45	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	93252	143.35	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	403330	86.46	ng	-0.01
78) Terphenyl-d14	13.56	244	510139	83.30	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	27732	16.26	ng	# 59
25) Isophorone	7.85	82	192348	42.13	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	8485	8.46	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	8484	6.67	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	6513	4.47	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

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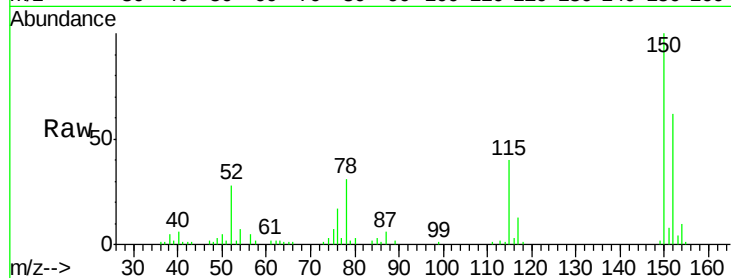
Tgt Ion:152 Resp: 32675

Ion Ratio Lower Upper

152 100

150 162.4 124.7 187.1

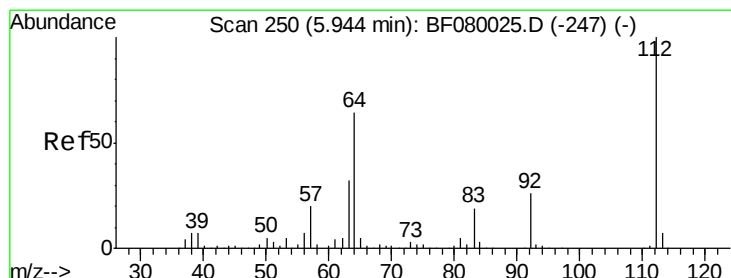
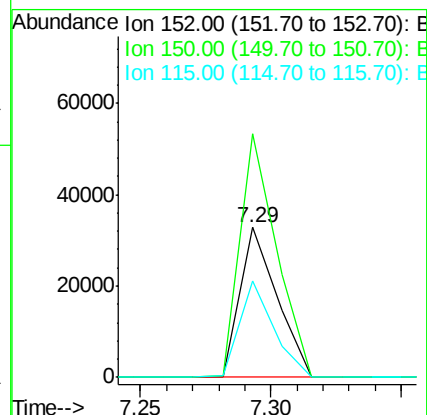
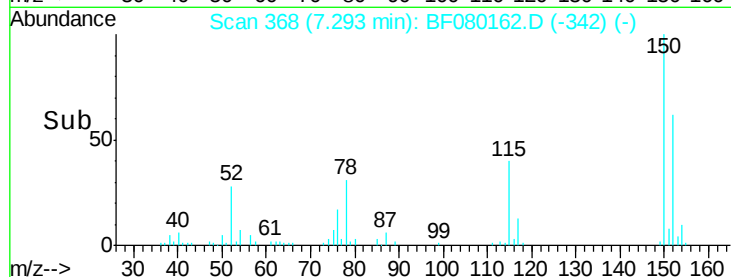
115 64.2 39.0 58.4#



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: 150.59 ng

RT: 5.91 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

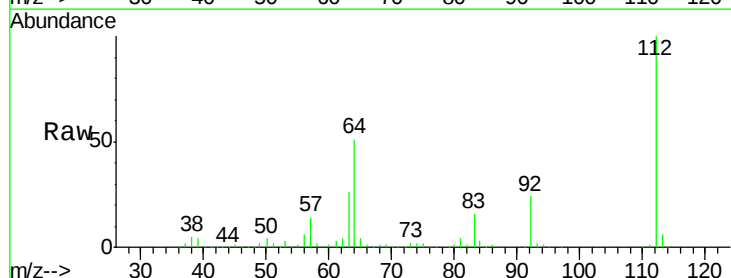
Tgt Ion:112 Resp: 277960

Ion Ratio Lower Upper

112 100

64 50.8 39.7 59.5

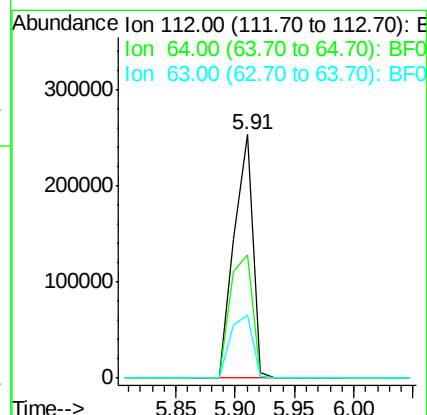
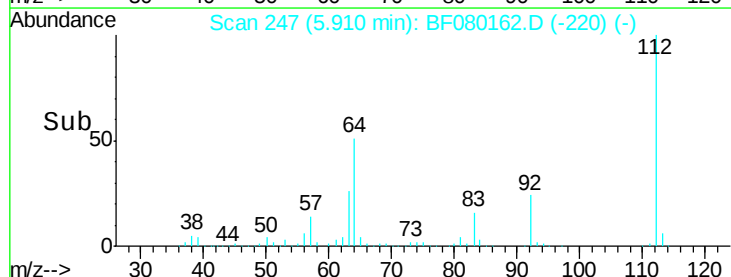
63 25.9 17.4 26.0



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: 143.69 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

Instrument :

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ClientSampleId :

PB84184BL

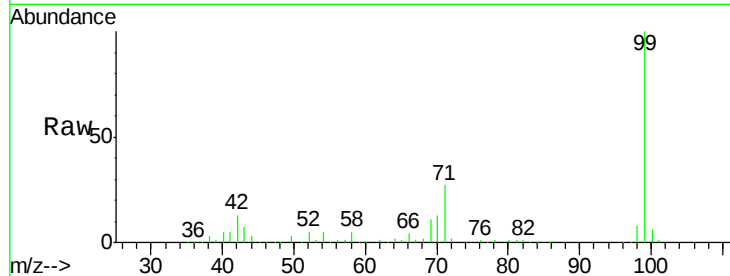
Tgt Ion: 99 Resp: 352951

Ion Ratio Lower Upper

99 100

42 13.1 13.7 20.5#

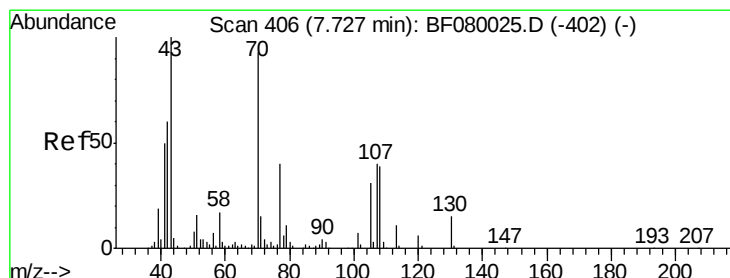
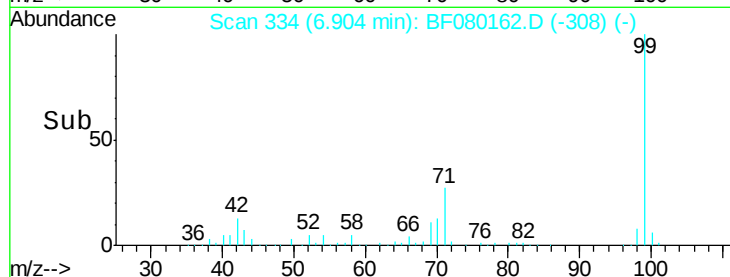
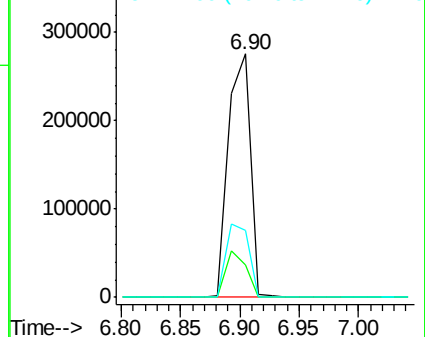
71 27.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.26 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

Tgt Ion: 70 Resp: 27732

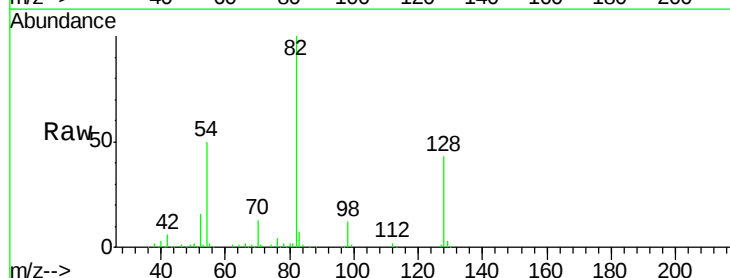
Ion Ratio Lower Upper

70 100

42 47.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

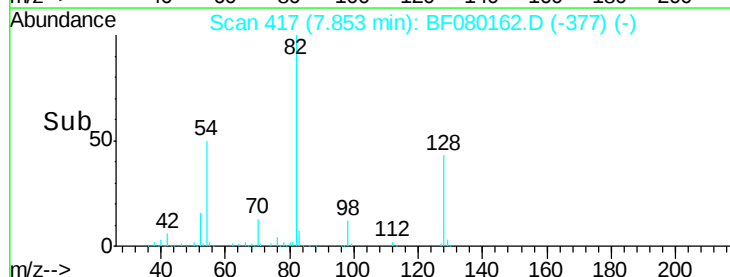
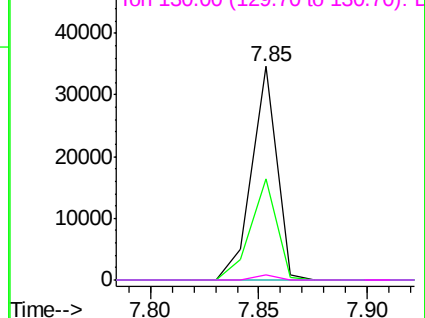


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

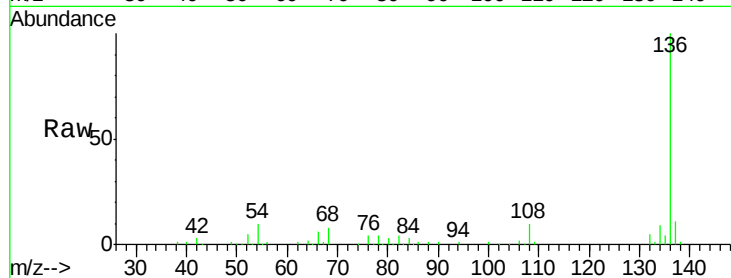




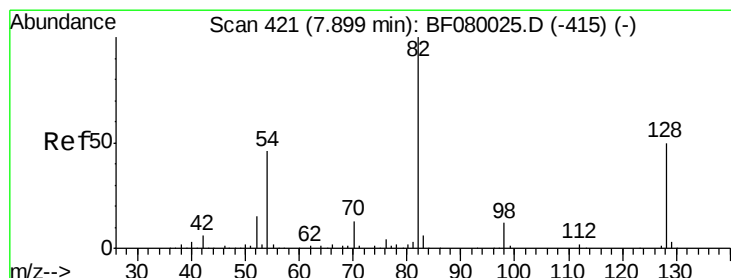
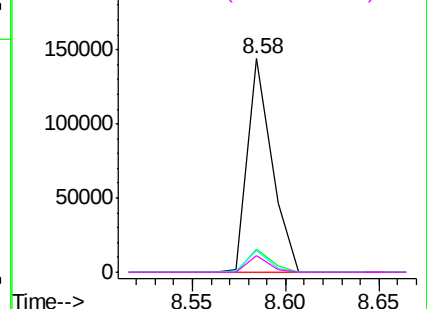
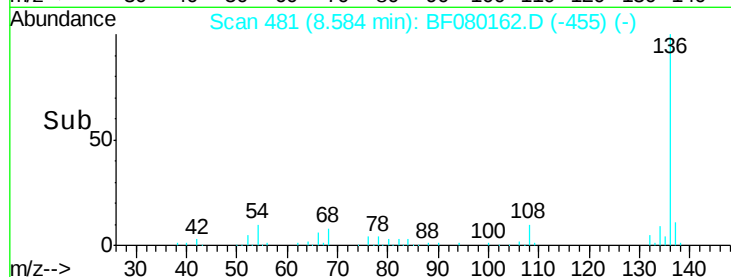
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080162.D
Acq: 25 Jun 2015 13:22

Instrument :
BNA_F
ClientSampleId :
PB84184BL

Tgt Ion:	136	Resp:	132057
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.2	8.2	12.2
68	7.7	5.8	8.6

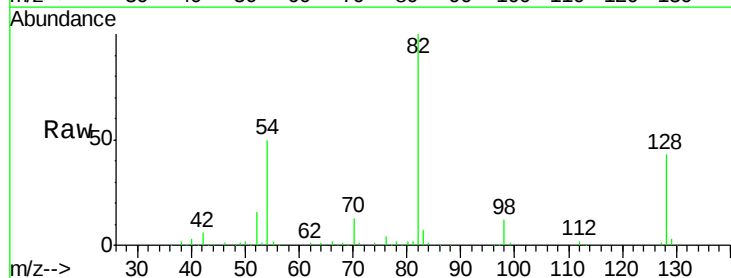


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

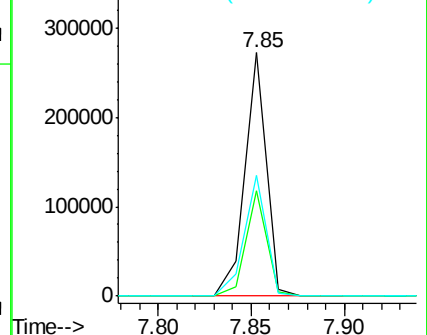
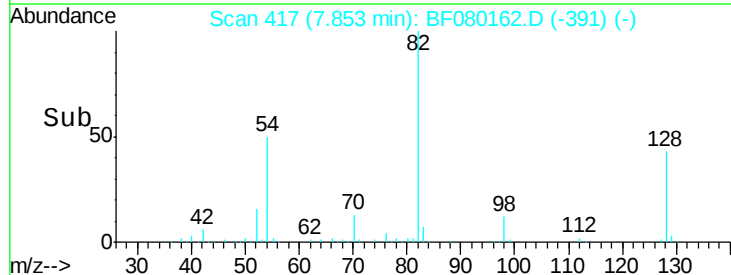


#23
Nitrobenzene-d5
Concen: 96.45 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080162.D
Acq: 25 Jun 2015 13:22

Tgt Ion:	82	Resp:	218784
Ion	Ratio	Lower	Upper
82	100		
128	43.4	51.0	76.6#
54	49.6	47.5	71.3



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: 42.13 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.26 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

Instrument :

BNA_F

ClientSampleId :

PB84184BL

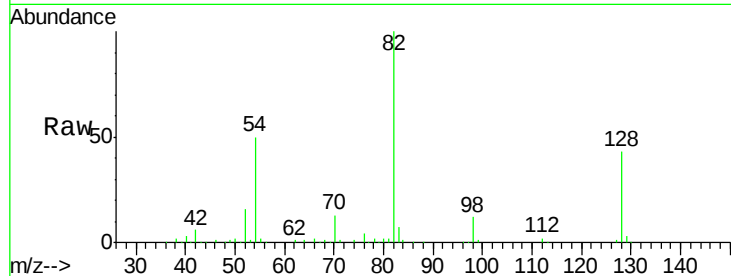
Tgt Ion: 82 Resp: 192348

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

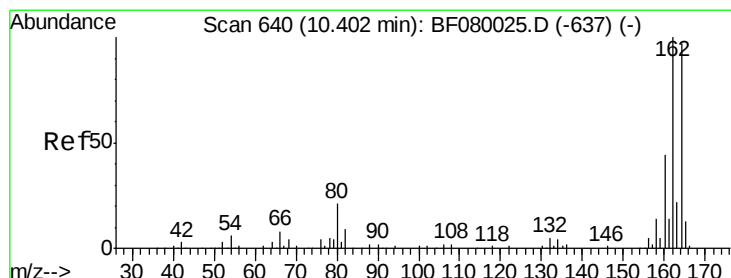
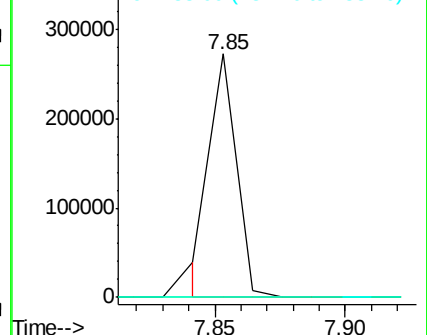
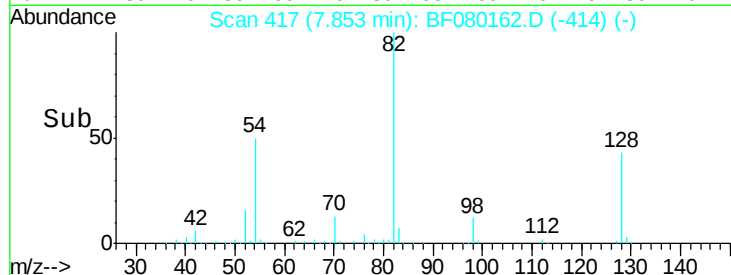
138 0.0 18.3 27.5#



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: 10.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

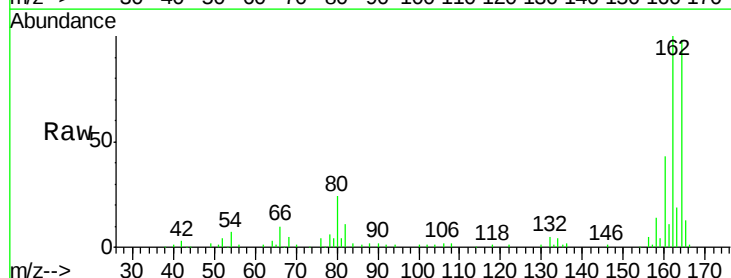
Tgt Ion: 164 Resp: 66528

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

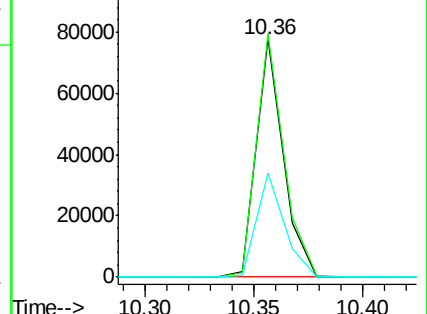
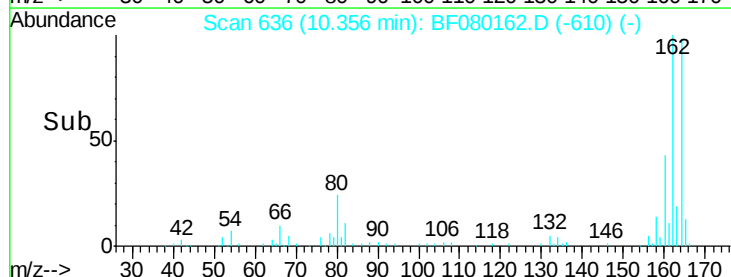
160 43.8 31.5 47.3

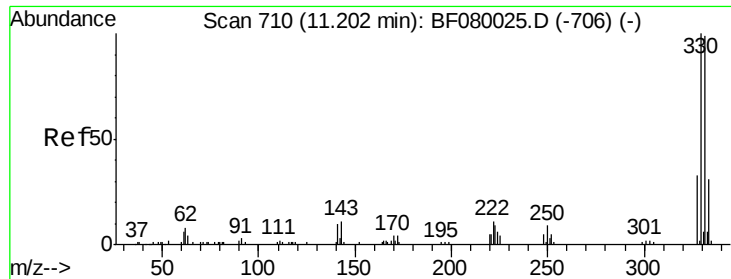


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

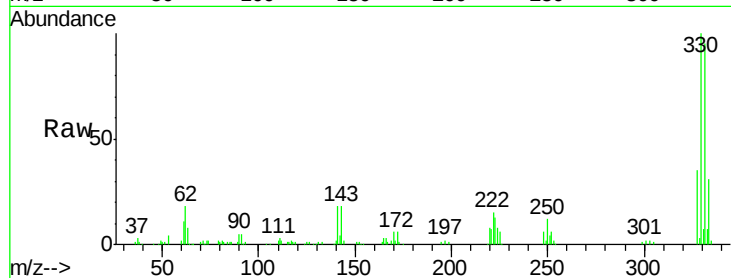




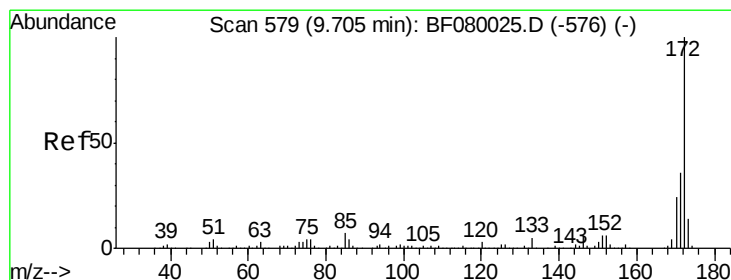
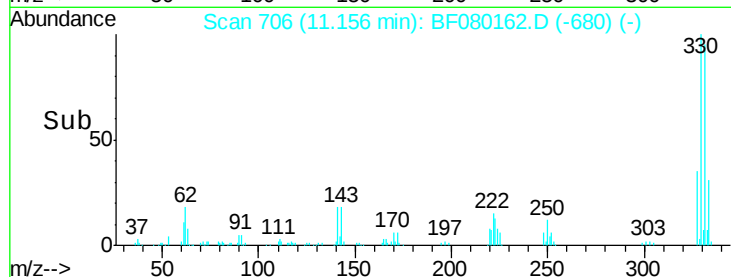
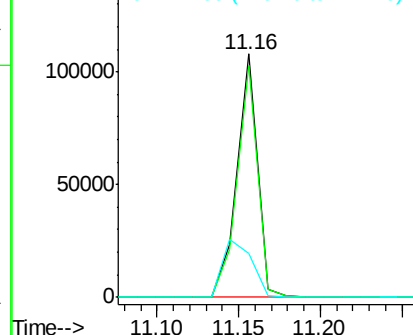
#41
 2,4,6-Tribromophenol
 Concen: 143.35 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080162.D
 Acq: 25 Jun 2015 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BL

Tgt Ion:330 Resp: 93252
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 114.8
 141 33.2 29.7 44.5

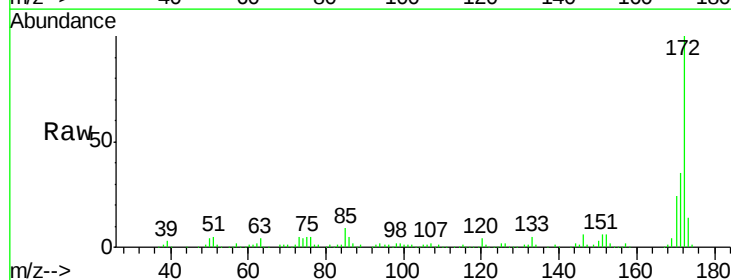


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

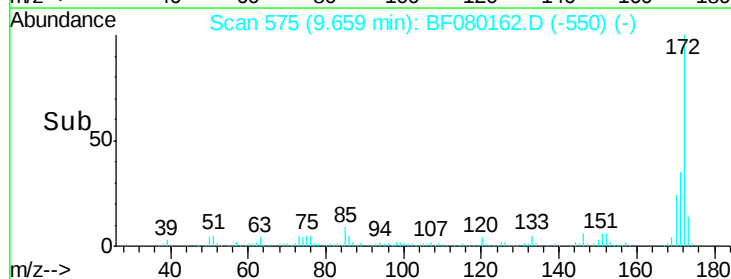
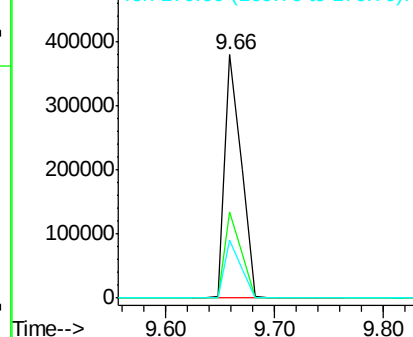


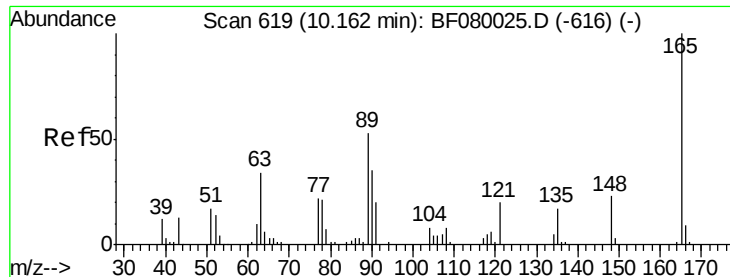
#44
 2-Fluorobiphenyl
 Concen: 86.46 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080162.D
 Acq: 25 Jun 2015 13:22

Tgt Ion:172 Resp: 403330
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.7 17.4 26.2



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

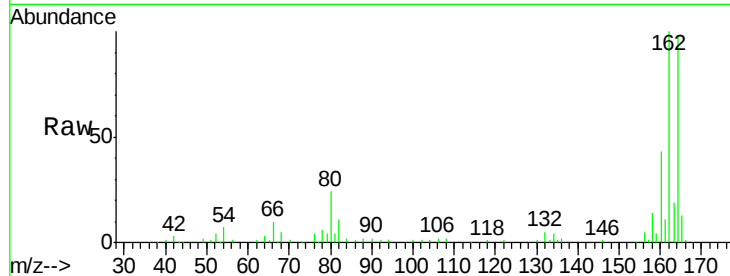




#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.23 min
 Lab File: BF080162.D
 Acq: 25 Jun 2015 13:22

Instrument :
 BNA_F
 ClientSampled :
 PB84184BL

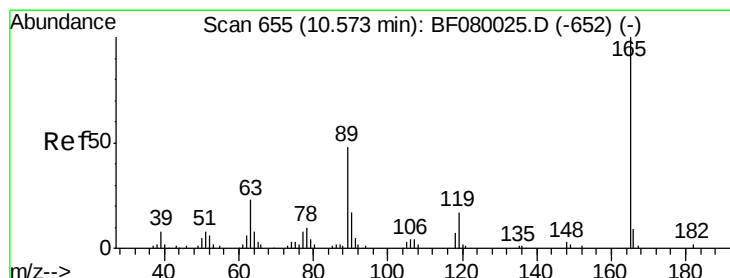
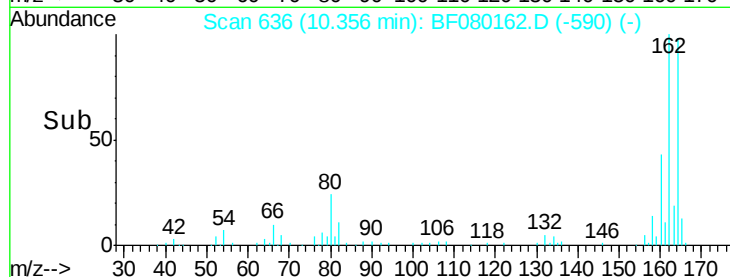
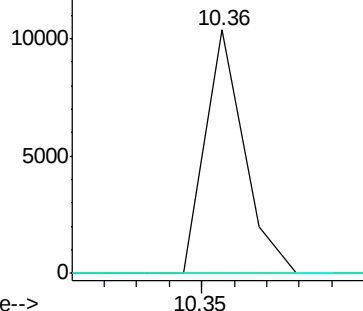
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.17 min
 Lab File: BF080162.D
 Acq: 25 Jun 2015 13:22

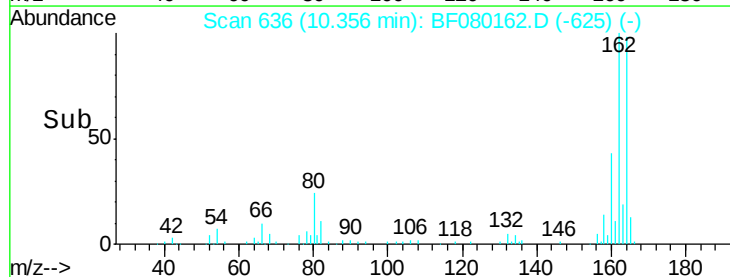
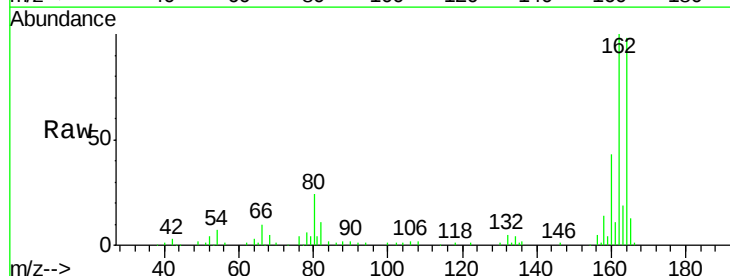
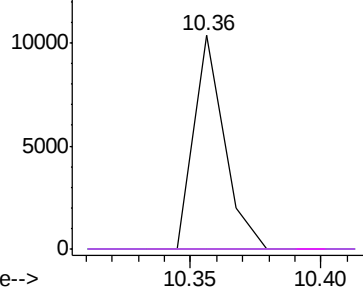
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

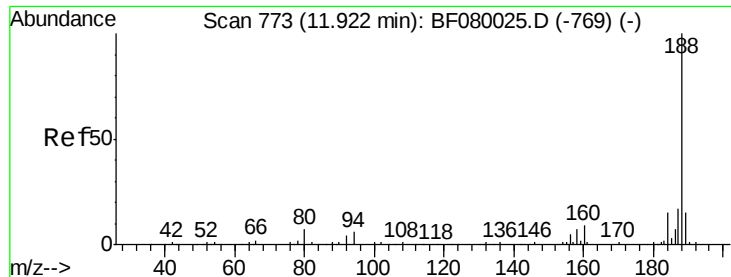
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

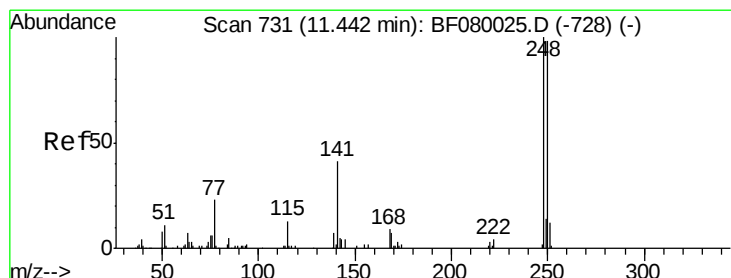
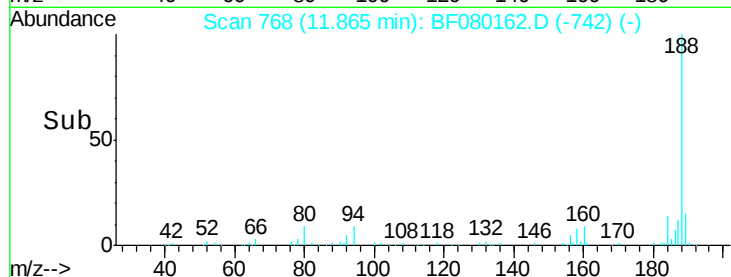
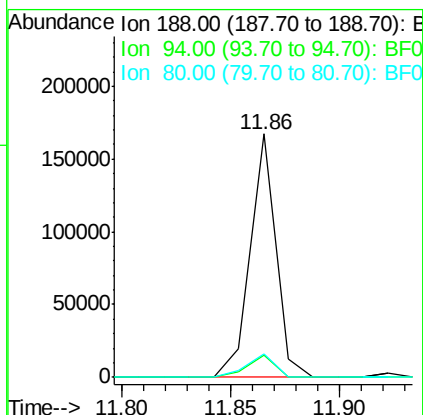
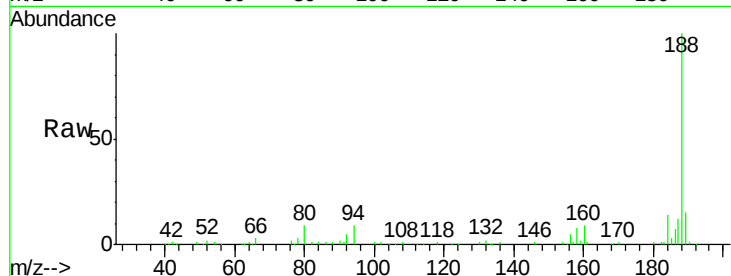




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF080162.D
Acq: 25 Jun 2015 13:22

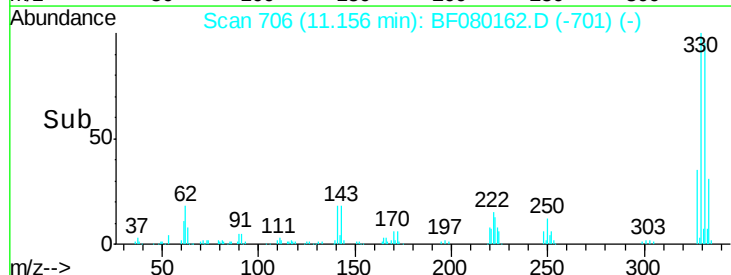
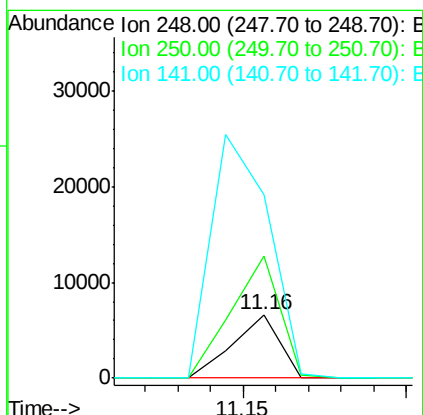
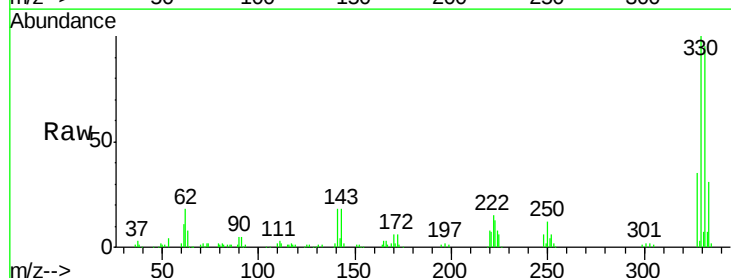
Instrument :
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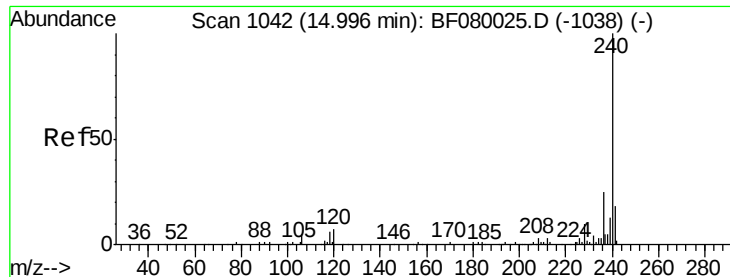
Tgt Ion:188 Resp: 137039
Ion Ratio Lower Upper
188 100
94 9.0 11.1 16.7#
80 9.5 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.24 min
Lab File: BF080162.D
Acq: 25 Jun 2015 13:22

Tgt Ion:248 Resp: 6513
Ion Ratio Lower Upper
248 100
250 192.0 78.5 117.7#
141 289.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.84 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

Instrument :

BNA_F

ClientSampleId :

PB84184BL

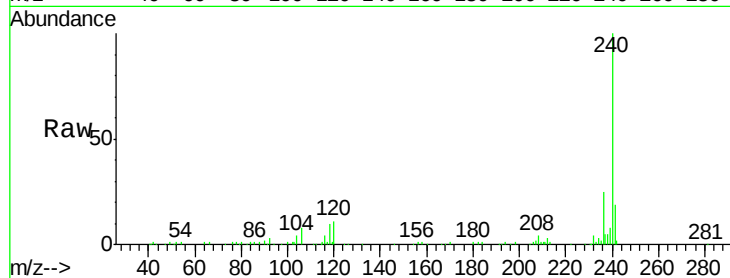
Tgt Ion:240 Resp: 143021

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

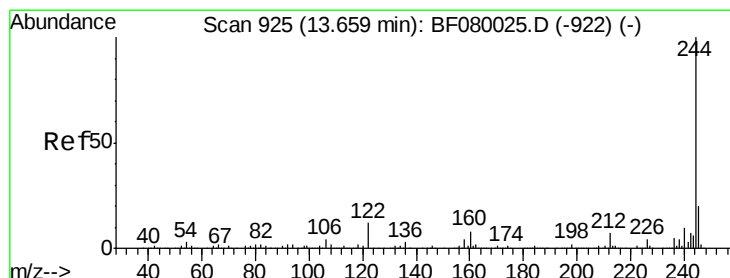
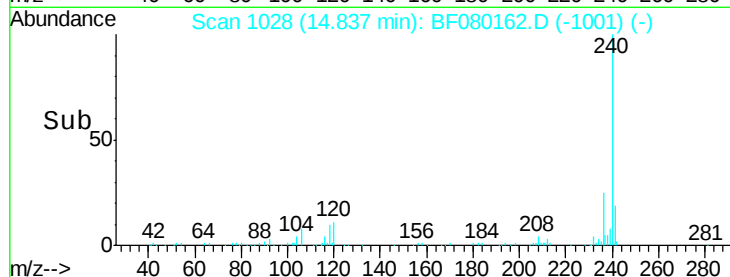
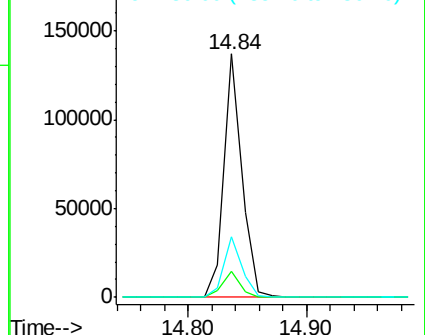
236 24.9 18.4 27.6



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: 83.30 ng

RT: 13.56 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF080162.D

Acq: 25 Jun 2015 13:22

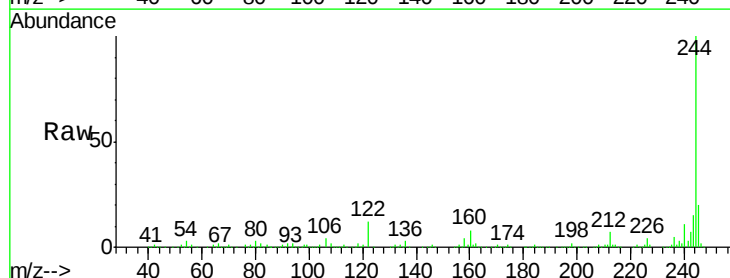
Tgt Ion:244 Resp: 510139

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

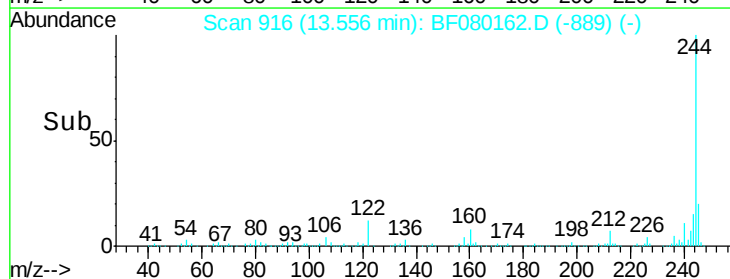
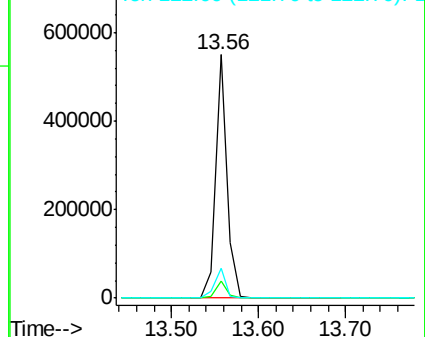
122 12.5 17.4 26.2#

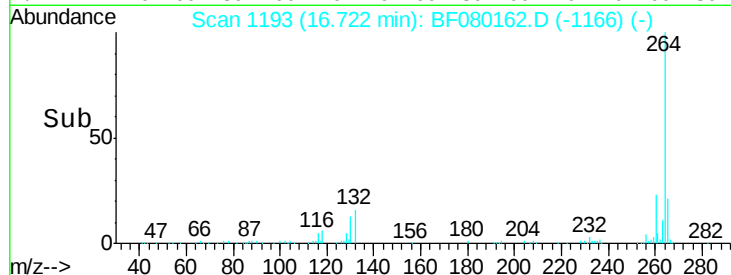
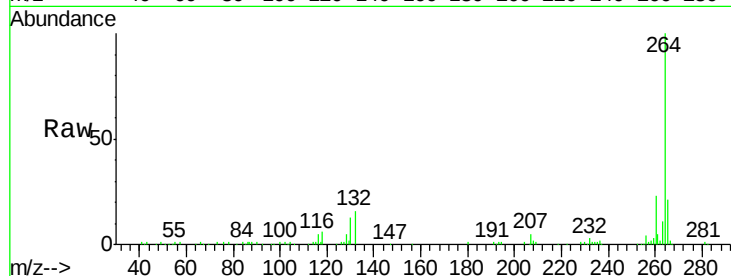
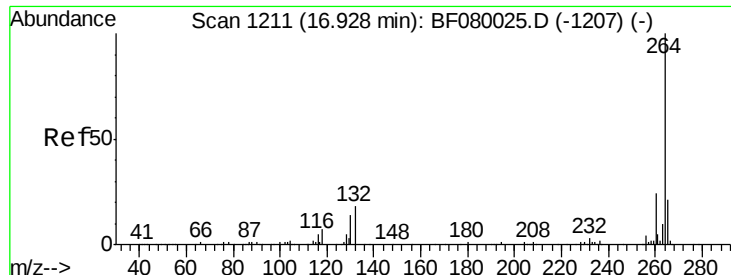


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.72 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF080162.D
Acq: 25 Jun 2015 13:22

Instrument :
BNA_F
ClientSampleId :
PB84184BL

Tgt Ion:	264	Resp:	139289
Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	20.9	17.2	25.8

