

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080108.D
 Acq On : 23 Jun 2015 00:05
 Operator : TP/IZ
 Sample : G2704-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-COUNTERWEIGHT

Quant Time: Jun 23 01:41:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

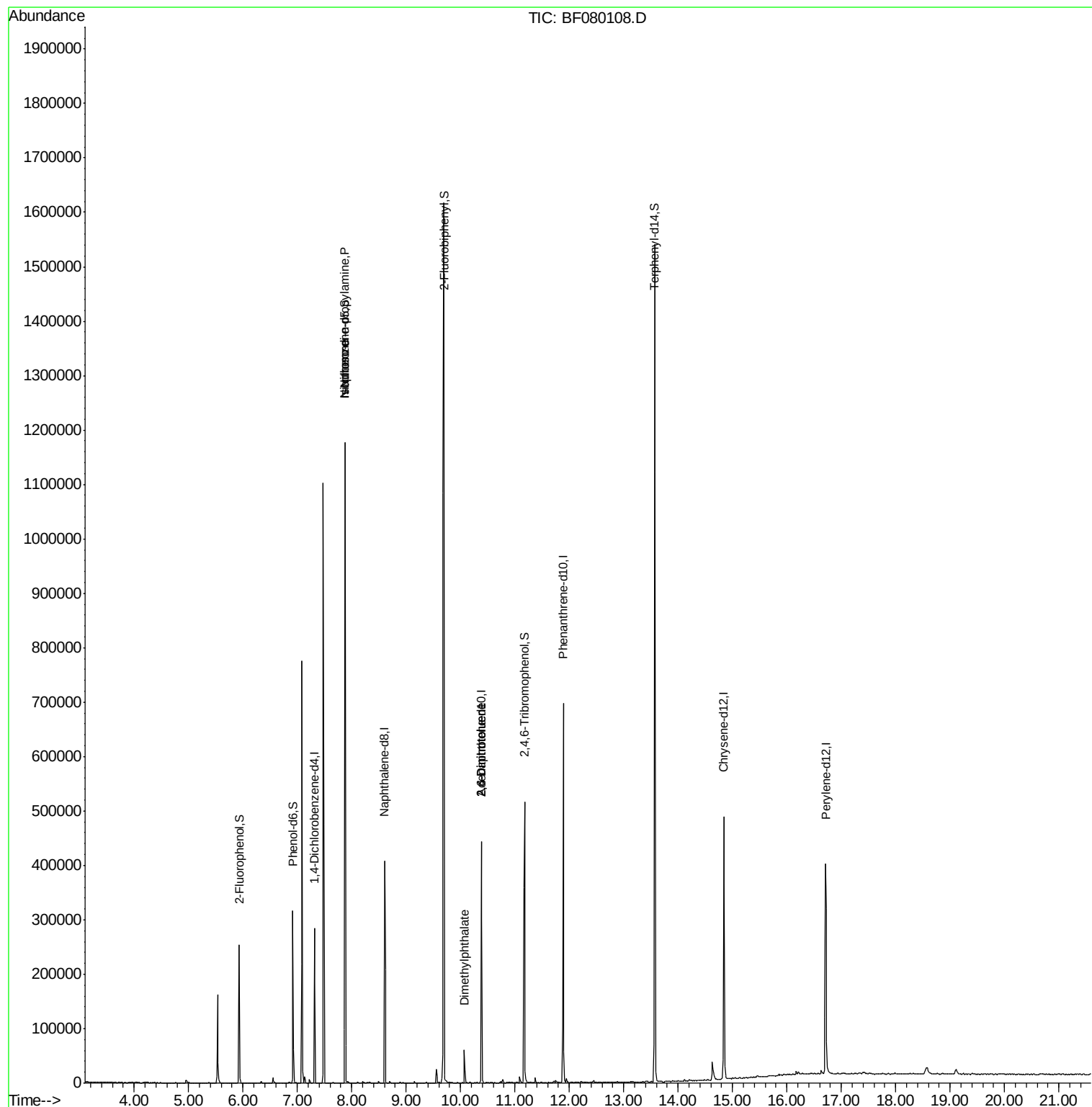
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	54195	20.00	ng	-0.01
21) Naphthalene-d8	8.61	136	211221	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	110982	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	242882	20.00	ng	-0.02
75) Chrysene-d12	14.84	240	244879	20.00	ng	-0.16
86) Perylene-d12	16.71	264	237847	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	102533	33.49	ng	0.00
7) Phenol-d6	6.92	99	98170	24.10	ng	-0.01
23) Nitrobenzene-d5	7.88	82	321237	88.54	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	78183	72.04	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	670511	86.16	ng	0.00
78) Terphenyl-d14	13.57	244	679327	64.79	ng	-0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	41902	14.81	ng	# 60
25) Isophorone	7.88	82	321230	43.99	ng	# 58
49) Dimethylphthalate	10.07	163	26889	3.22	ng	# 97
50) 2,6-Dinitrotoluene	10.38	165	13877	8.30	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	13879	6.54	ng	# 31

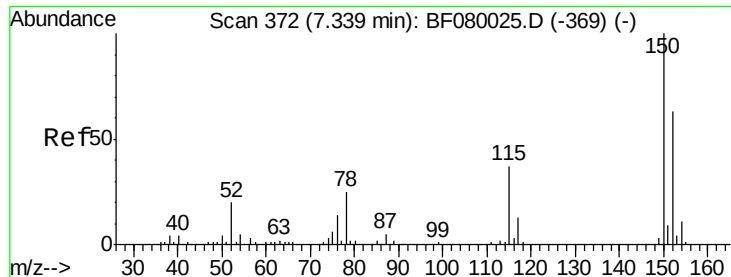
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
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QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

Instrument :

BNA_F

ClientSampleId :

EAST-COUNTERWEIGHT

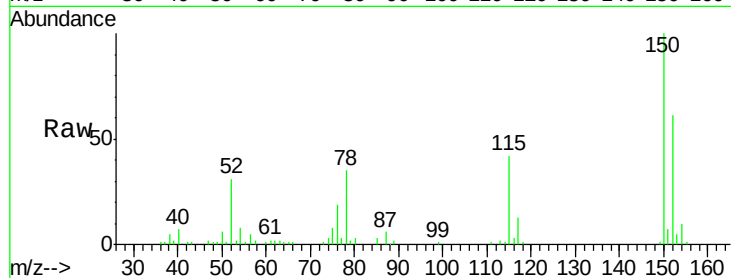
Tgt Ion:152 Resp: 54195

Ion Ratio Lower Upper

152 100

150 162.8 124.7 187.1

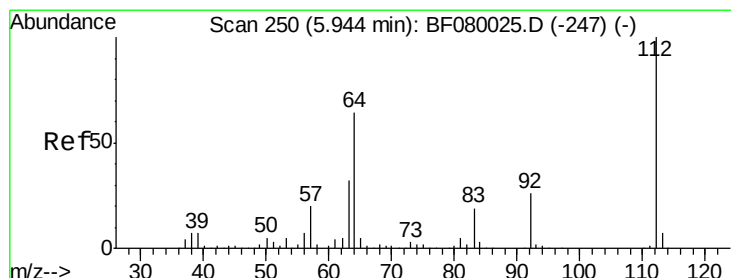
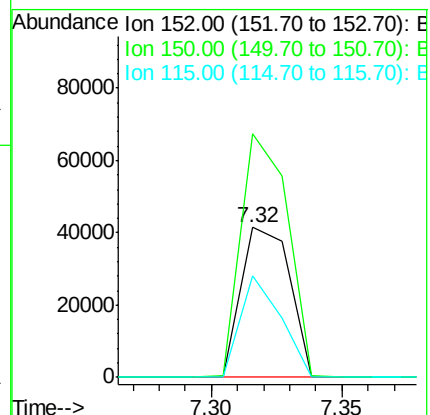
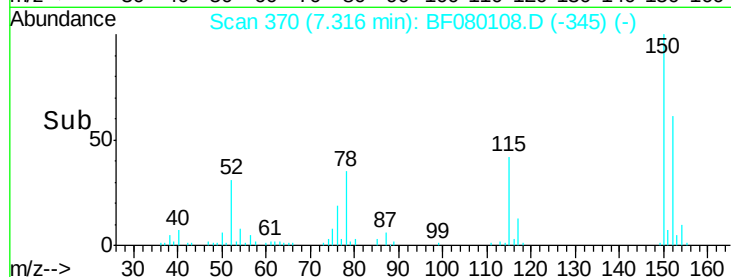
115 68.0 39.0 58.4#



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: 33.49 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

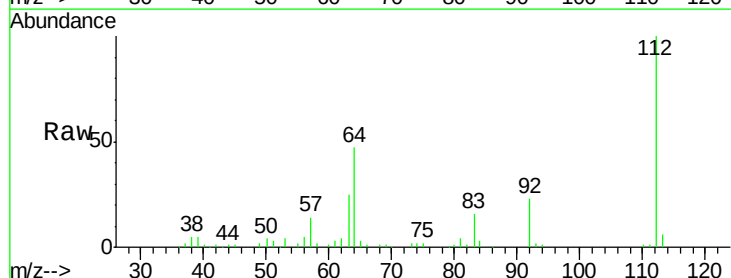
Tgt Ion:112 Resp: 102533

Ion Ratio Lower Upper

112 100

64 47.3 39.7 59.5

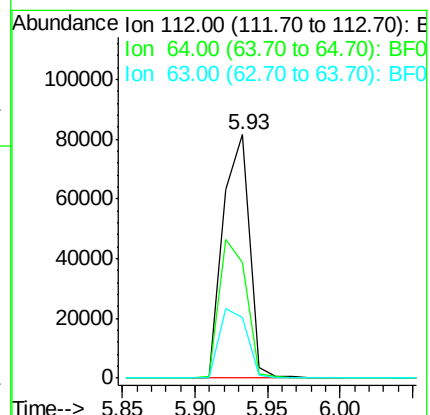
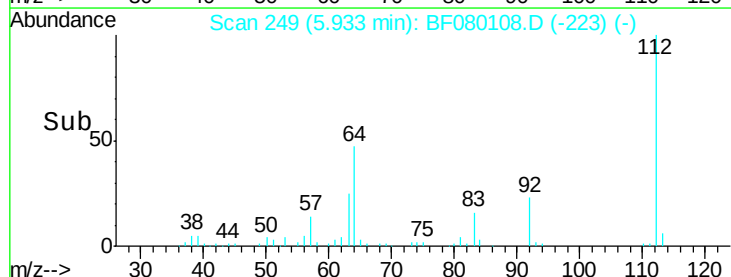
63 24.6 17.4 26.0

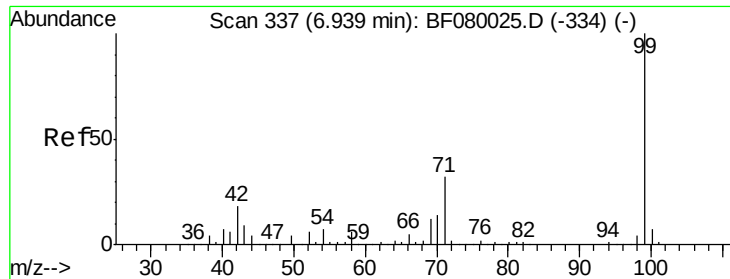


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.10 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

Instrument :

BNA_F

ClientSampleId :

EAST-COUNTERWEIGHT

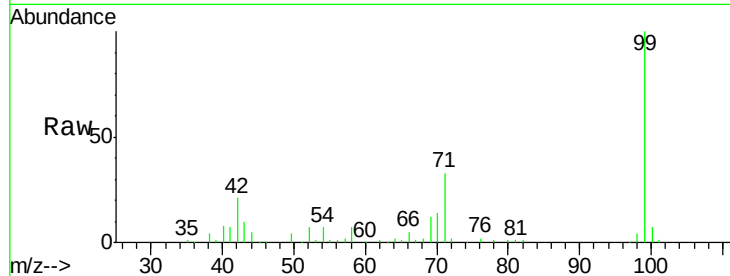
Tgt Ion: 99 Resp: 98170

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

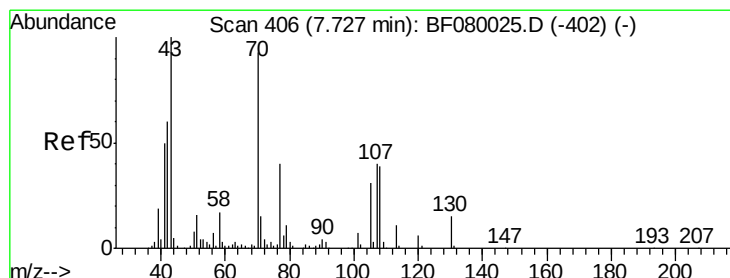
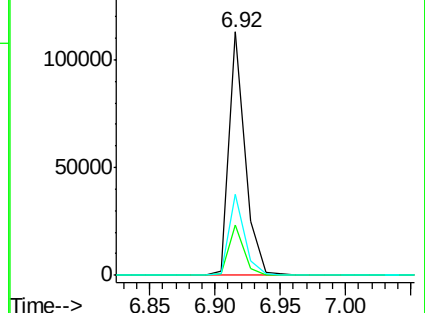
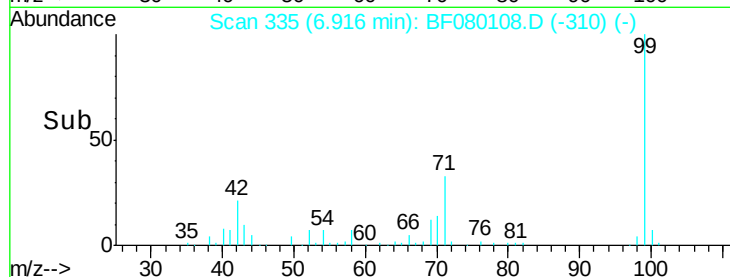
71 33.3 14.2 21.2#



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: 14.81 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

Tgt Ion: 70 Resp: 41902

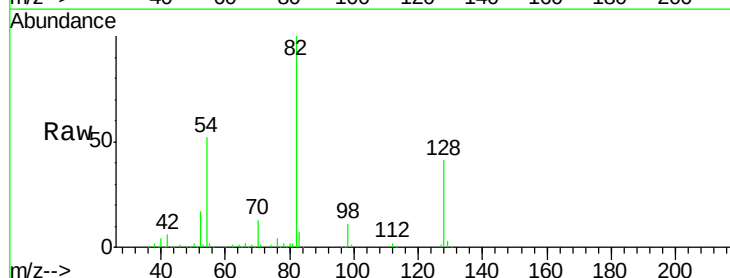
Ion Ratio Lower Upper

70 100

42 48.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

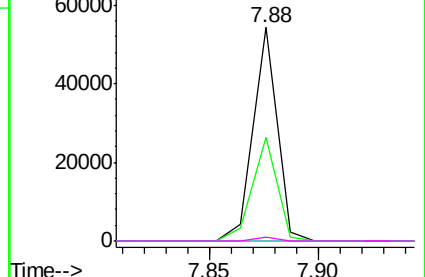
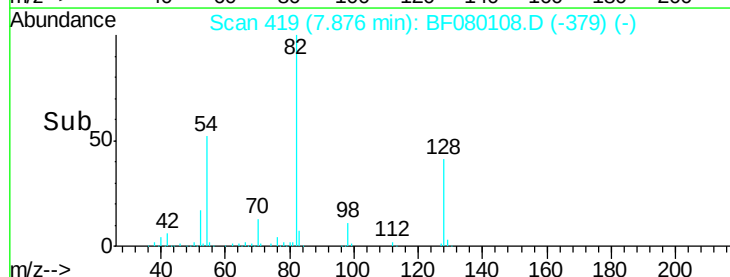


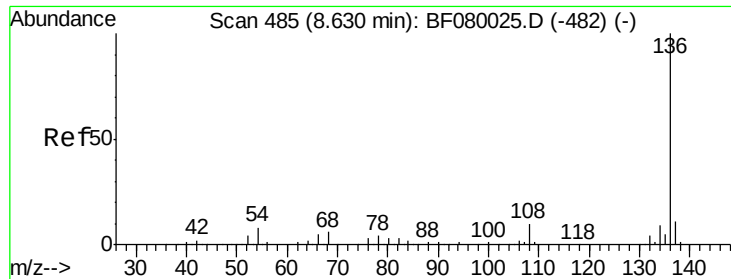
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

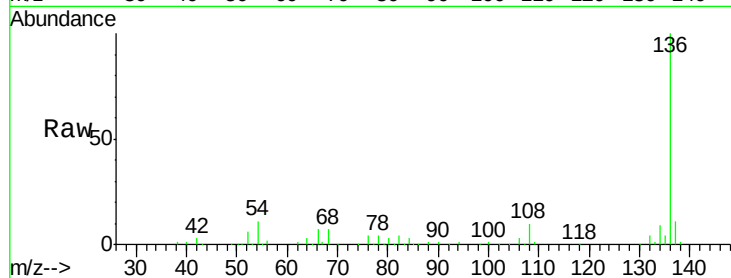




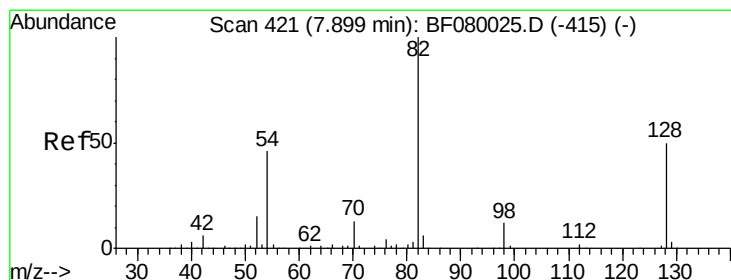
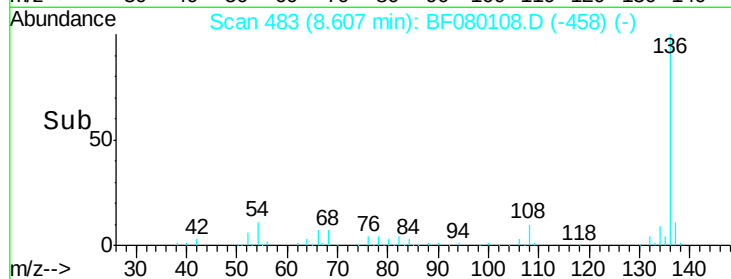
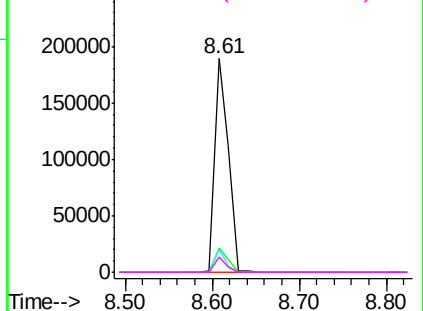
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080108.D
Acq: 23 Jun 2015 00:05

Instrument :
BNA_F
ClientSampleId :
EAST-COUNTERWEIGHT

Tgt Ion:	136	Resp:	211221
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.0	8.2	12.2
68	7.4	5.8	8.6

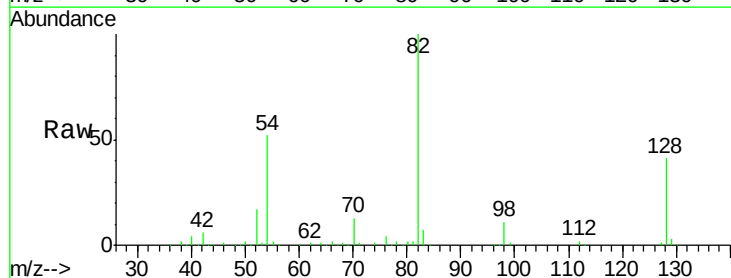


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

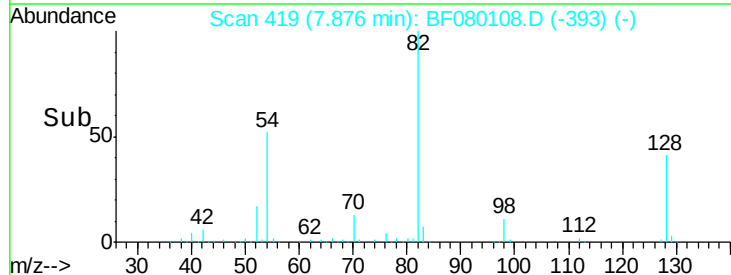
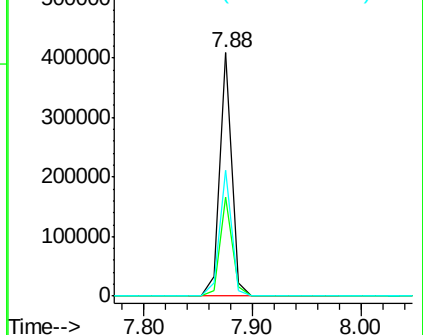


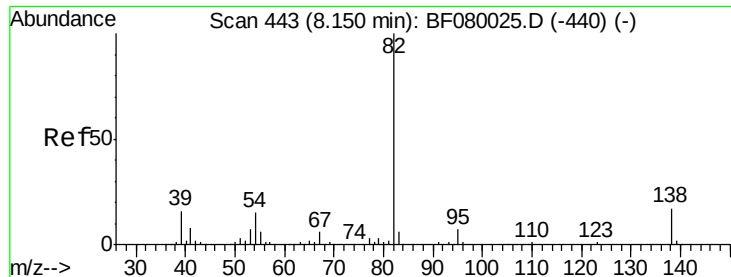
#23
Nitrobenzene-d5
Concen: 88.54 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080108.D
Acq: 23 Jun 2015 00:05

Tgt Ion:	82	Resp:	321237
Ion	Ratio	Lower	Upper
82	100		
128	40.8	51.0	76.6#
54	51.8	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: 43.99 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

Instrument :

BNA_F

ClientSampleId :

EAST-COUNTERWEIGHT

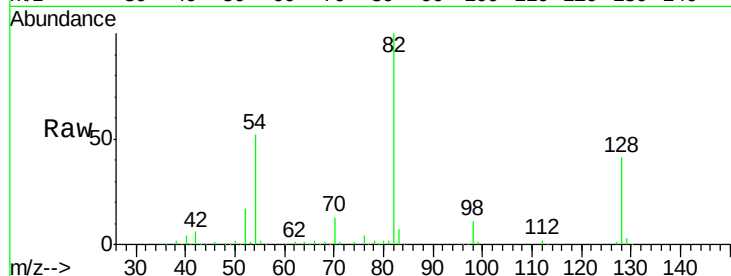
Tgt Ion: 82 Resp: 321230

Ion Ratio Lower Upper

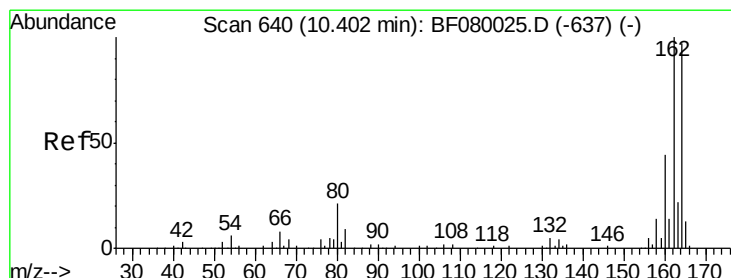
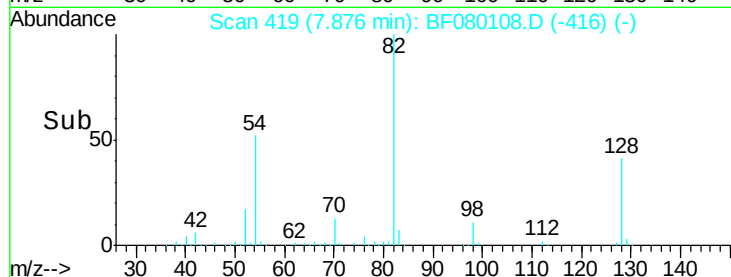
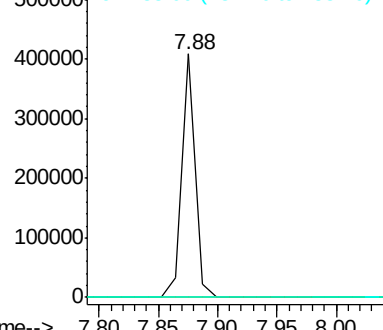
82 100

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: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

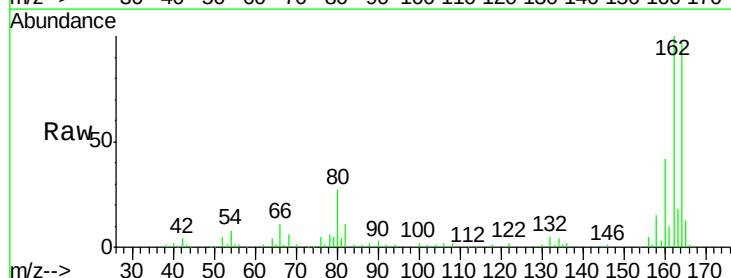
Tgt Ion: 164 Resp: 110982

Ion Ratio Lower Upper

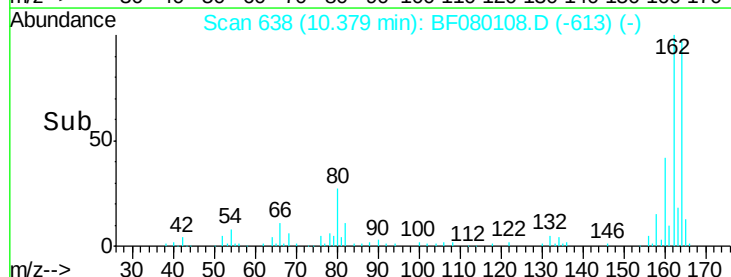
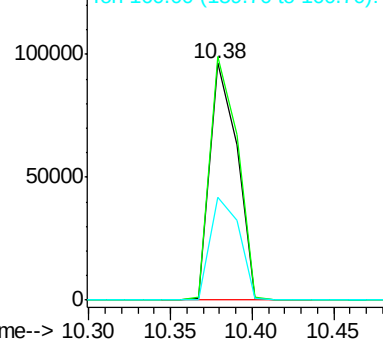
164 100

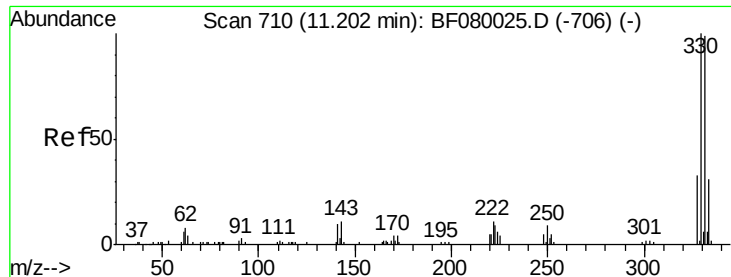
162 102.7 75.2 112.8

160 43.4 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

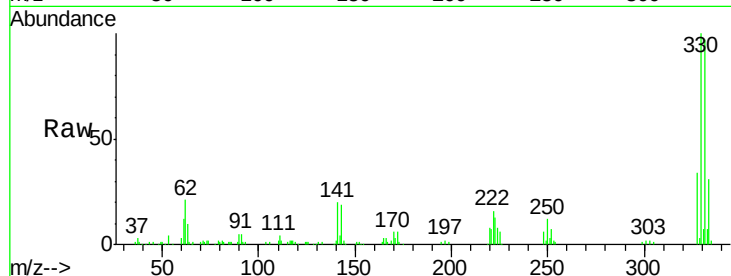




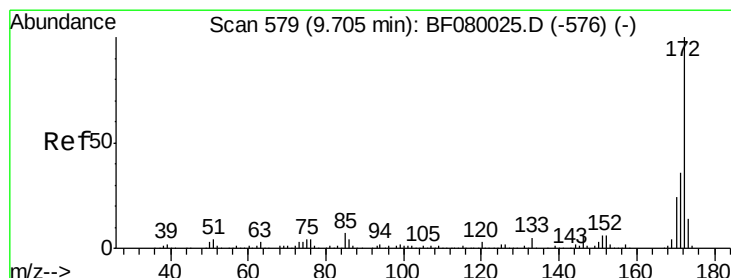
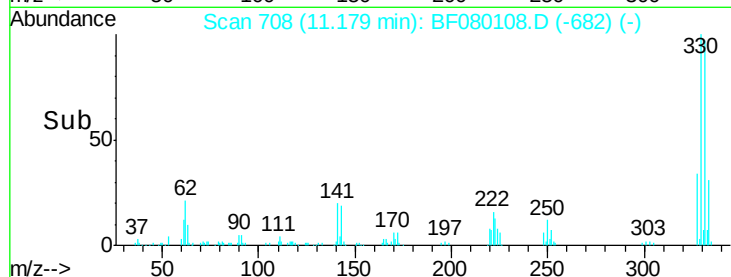
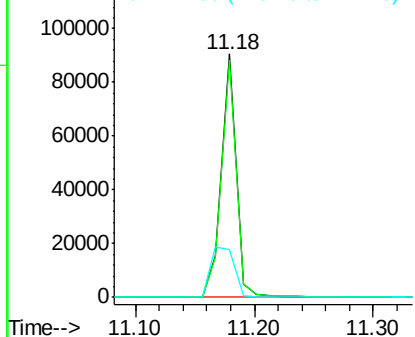
#41
 2,4,6-Tribromophenol
 Concen: 72.04 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080108.D
 Acq: 23 Jun 2015 00:05

Instrument :
 BNA_F
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 EAST-COUNTERWEIGHT

Tgt Ion:330 Resp: 78183
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 33.2 29.7 44.5

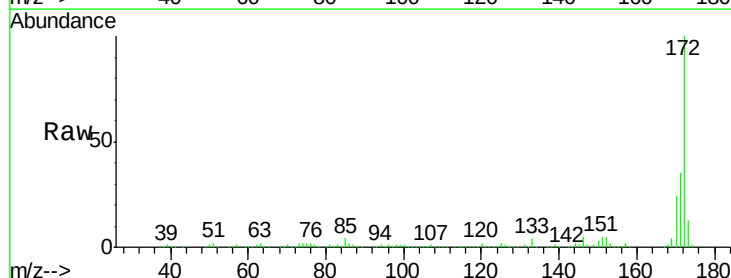


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

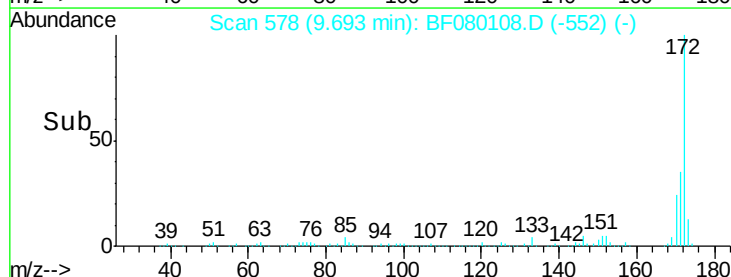
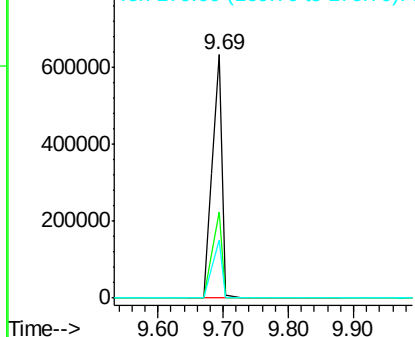


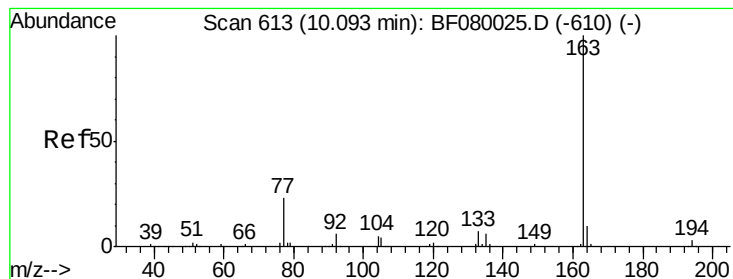
#44
 2-Fluorobiphenyl
 Concen: 86.16 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080108.D
 Acq: 23 Jun 2015 00:05

Tgt Ion:172 Resp: 670511
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.6 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





#49

Dimethylphthalate

Concen: 3.22 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

Instrument :

BNA_F

ClientSampleId :

EAST-COUNTERWEIGHT

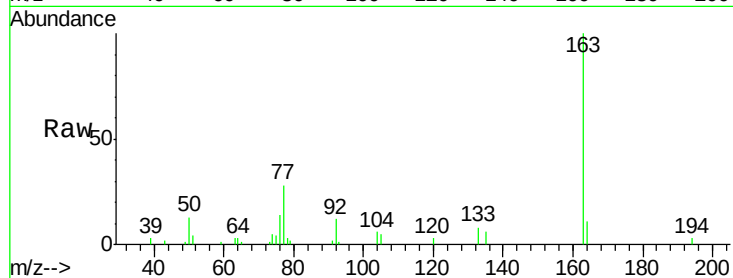
Tgt Ion:163 Resp: 26889

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

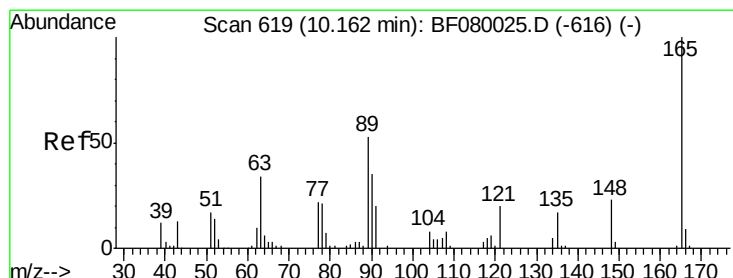
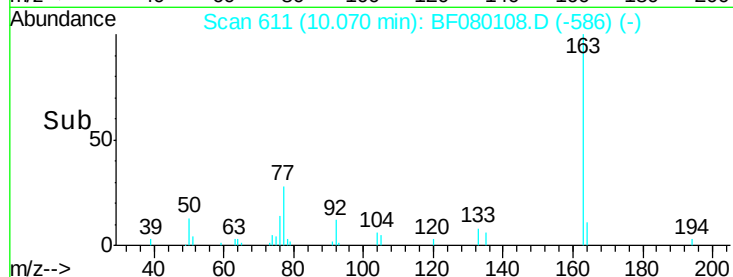
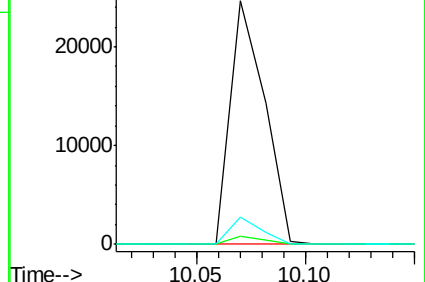
164 11.1 8.3 12.5



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: 8.30 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.23 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

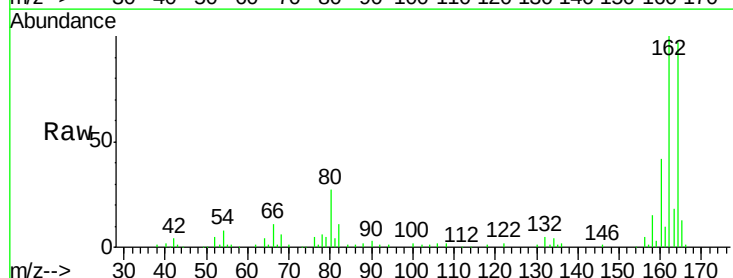
Tgt Ion:165 Resp: 13877

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

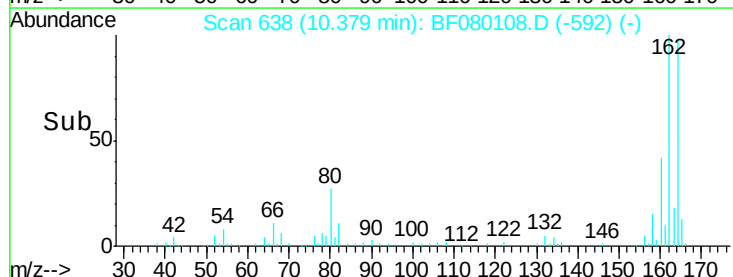
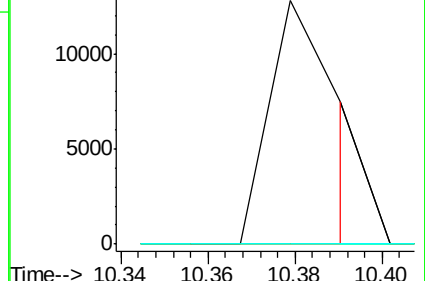
89 0.0 28.6 43.0#

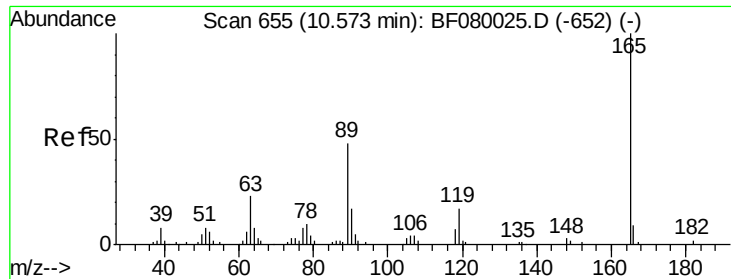


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

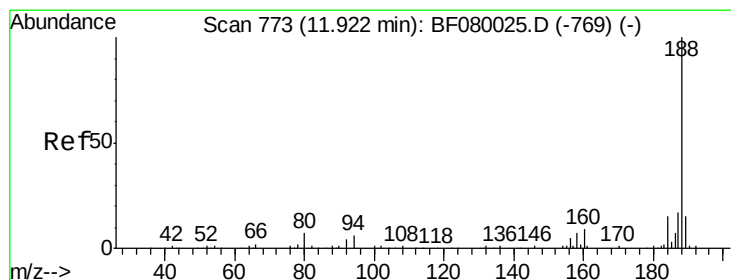
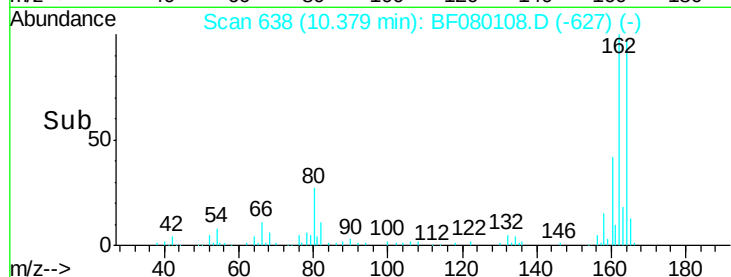
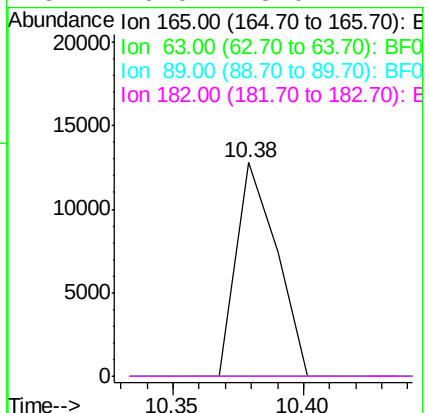
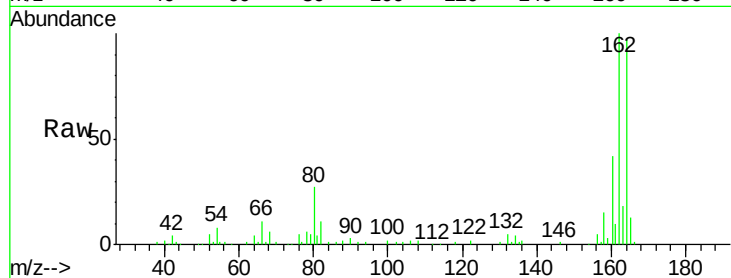




#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080108.D
 Acq: 23 Jun 2015 00:05

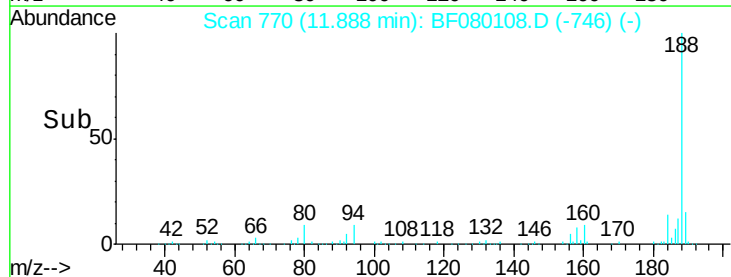
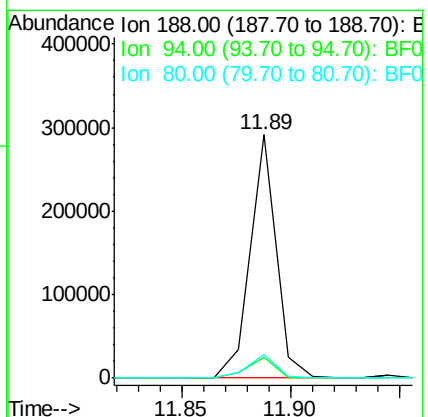
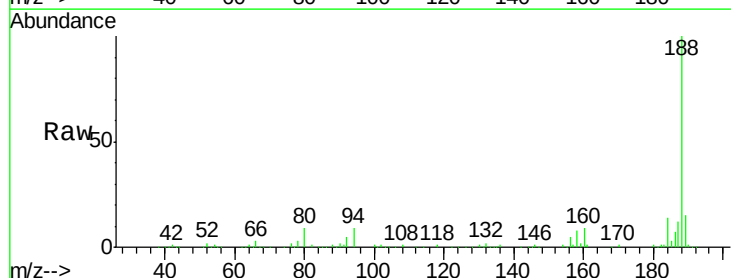
Instrument :
 BNA_F
 ClientSampleId :
 EAST-COUNTERWEIGHT

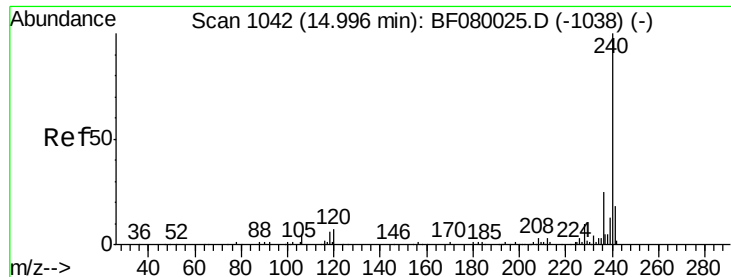
Tgt Ion:	165	Resp:	13879
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080108.D
 Acq: 23 Jun 2015 00:05

Tgt Ion:	188	Resp:	242882
Ion	Ratio	Lower	Upper
188	100		
94	8.7	11.1	16.7#
80	9.5	11.0	16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.84 min Scan# 1028

Delta R.T. -0.16 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

Instrument :

BNA_F

ClientSampleId :

EAST-COUNTERWEIGHT

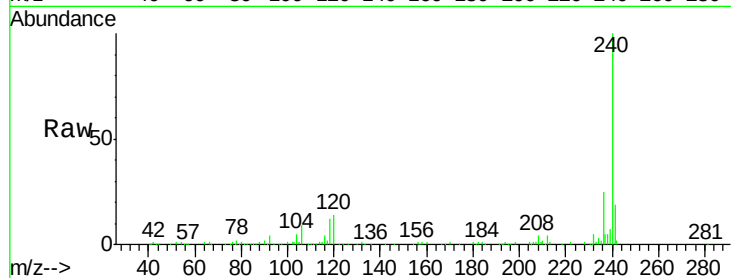
Tgt Ion:240 Resp: 244879

Ion Ratio Lower Upper

240 100

120 13.9 16.2 24.2#

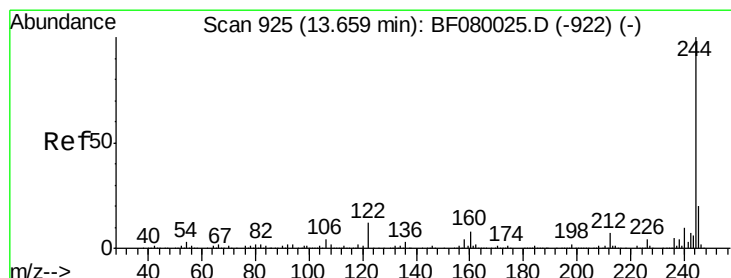
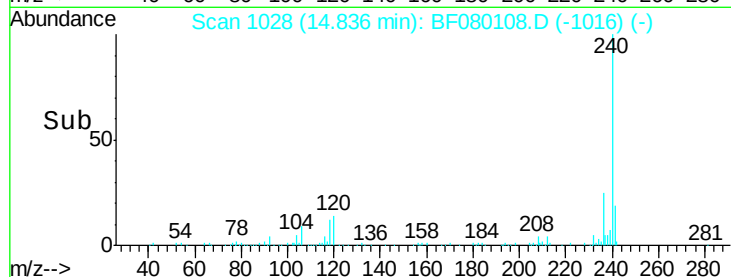
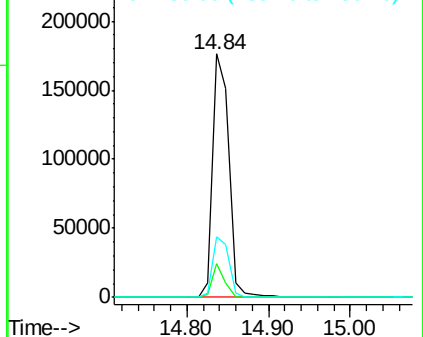
236 25.1 18.4 27.6



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: 64.79 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF080108.D

Acq: 23 Jun 2015 00:05

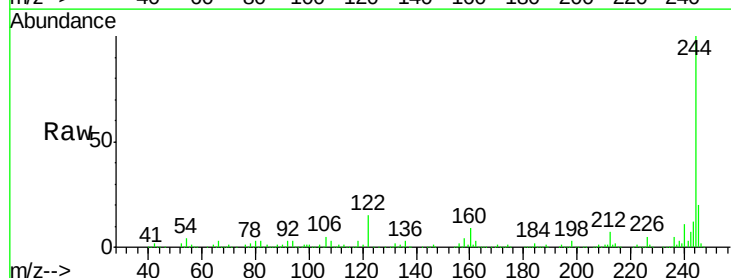
Tgt Ion:244 Resp: 679327

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

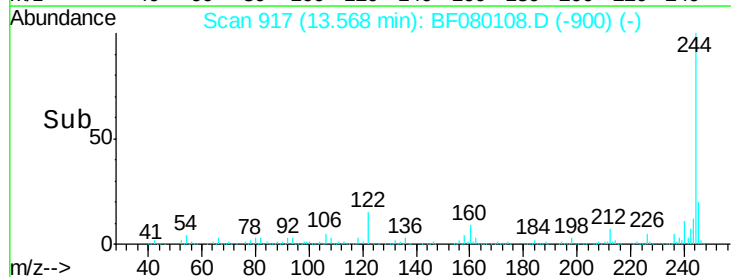
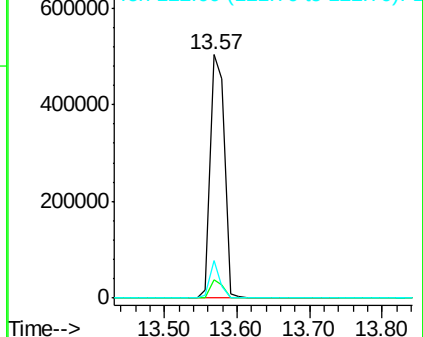
122 15.2 17.4 26.2#

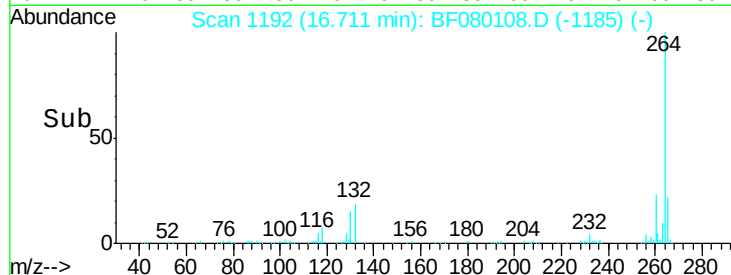
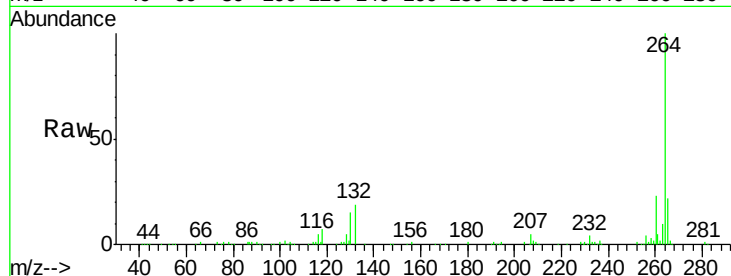
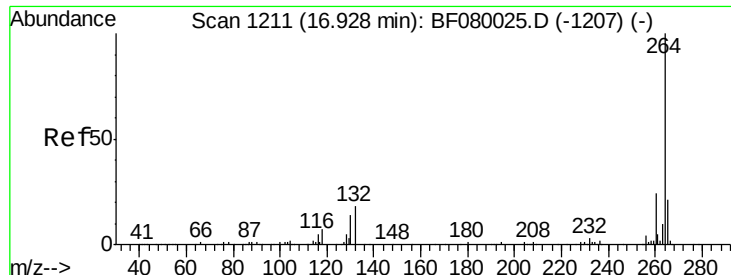


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.71 min Scan# 1192
Delta R.T. -0.22 min
Lab File: BF080108.D
Acq: 23 Jun 2015 00:05

Instrument :
BNA_F
ClientSampleId :
EAST-COUNTERWEIGHT

Tgt Ion:	264	Resp:	237847
Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	21.6	17.2	25.8

