

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080112.D
 Acq On : 23 Jun 2015 1:59
 Operator : TP/IZ
 Sample : G2715-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-5

Quant Time: Jun 23 05:00:08 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

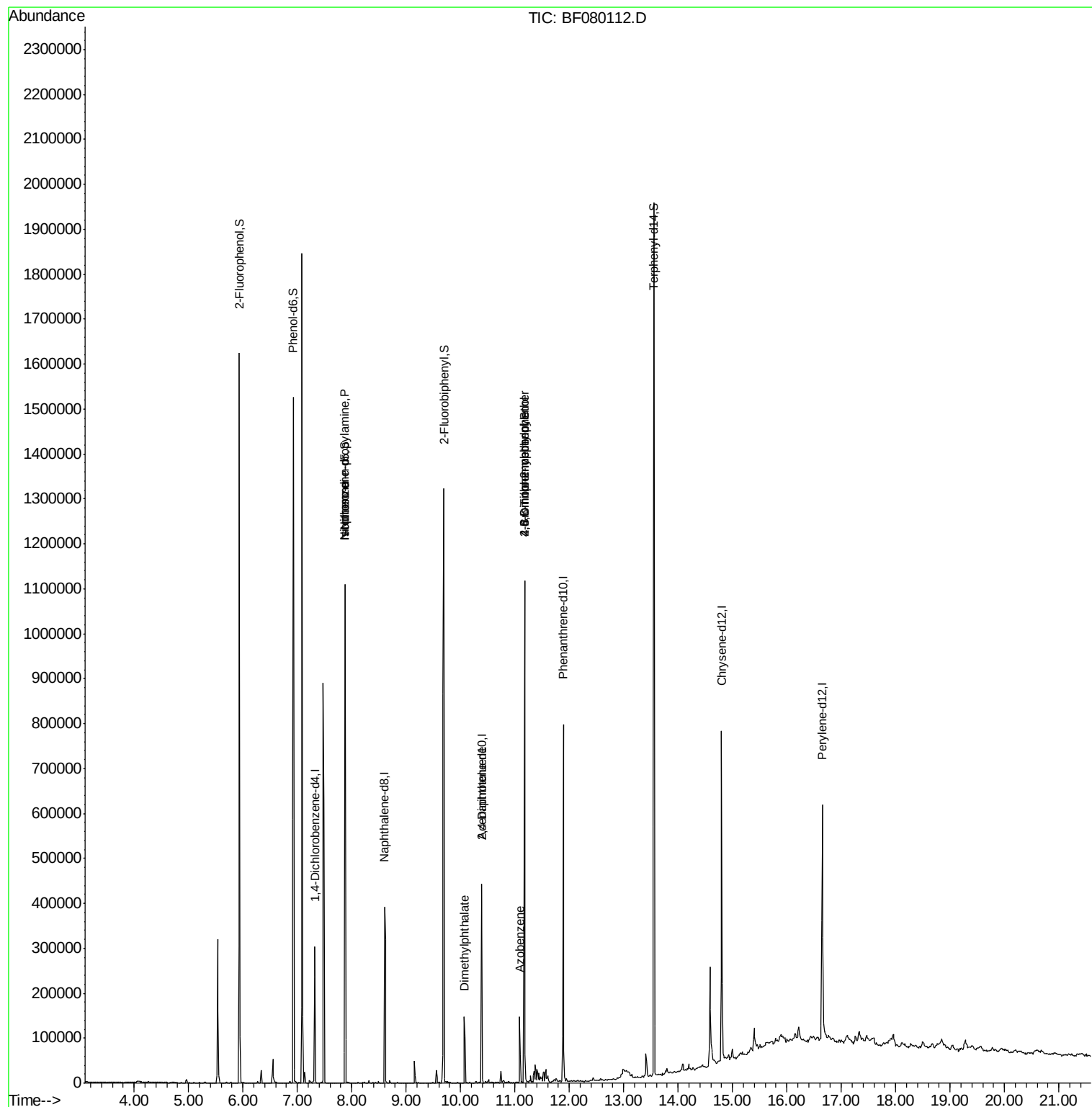
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	61881	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	240606	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	125827	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	271752	20.00	ng	-0.02
75) Chrysene-d12	14.80	240	286604	20.00	ng	-0.19
86) Perylene-d12	16.65	264	283907	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	396128	113.32	ng	0.00
7) Phenol-d6	6.93	99	546389	117.46	ng	0.00
23) Nitrobenzene-d5	7.88	82	304505	73.68	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	126550	102.85	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	531815	60.27	ng	0.00
78) Terphenyl-d14	13.56	244	632487	51.54	ng	-0.11
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	40028	12.39	ng	# 59
25) Isophorone	7.88	82	304497	36.61	ng	# 58
49) Dimethylphthalate	10.08	163	81516	8.62	ng	98
56) 2,4-Dinitrotoluene	10.39	165	15650	6.50	ng	# 31
62) Azobenzene	11.09	77	32234	3.32	ng	# 28
64) 4,6-Dinitro-2-methylphenol	11.18	198	303	3.75	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	9796	3.39	ng	# 1

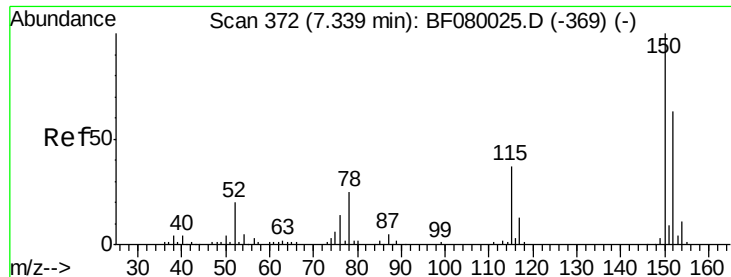
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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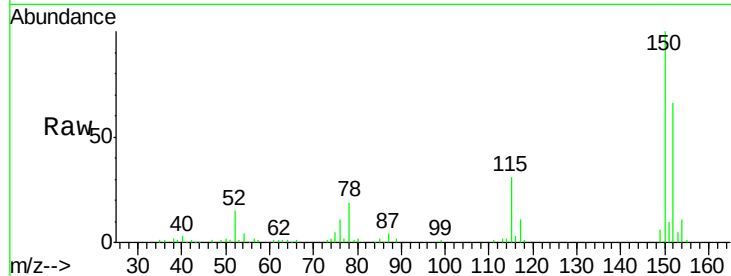


#1

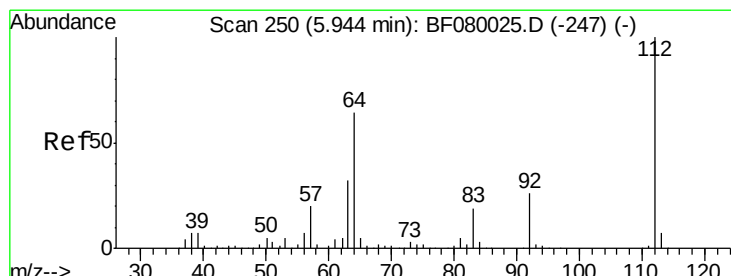
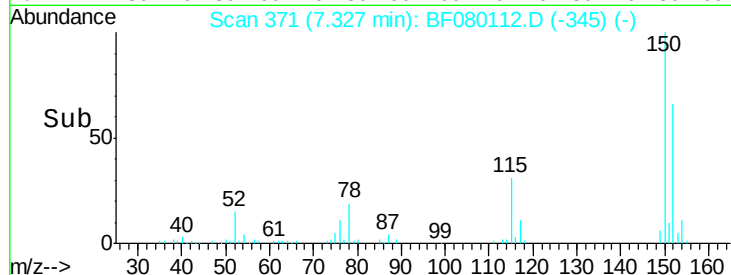
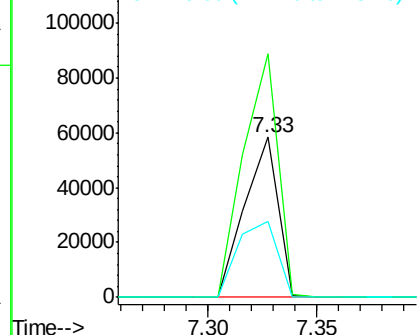
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-5

Tgt Ion:152 Resp: 61881
Ion Ratio Lower Upper
152 100
150 152.3 124.7 187.1
115 47.5 39.0 58.4



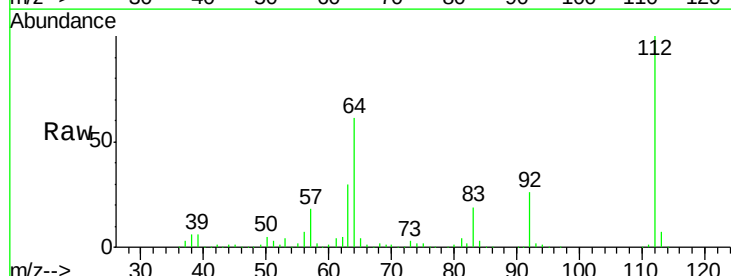
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



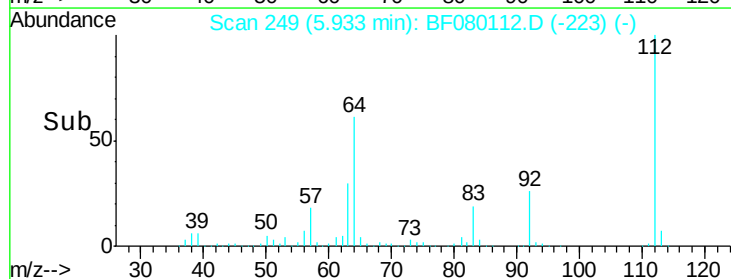
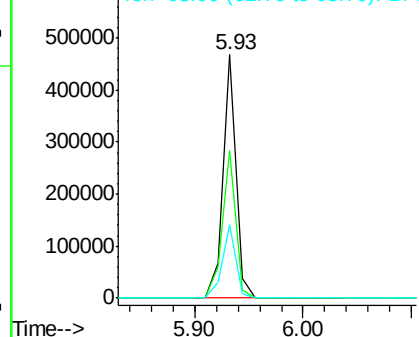
#5

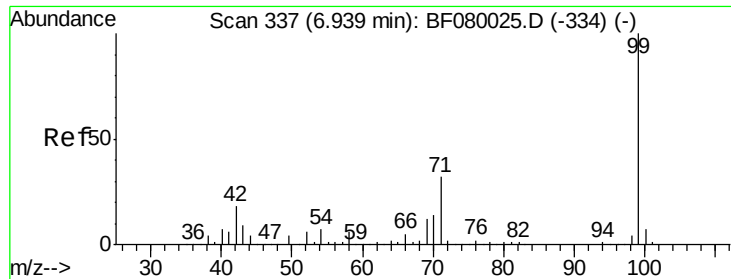
2-Fluorophenol
Concen: 113.32 ng
RT: 5.93 min Scan# 249
Delta R.T. -0.00 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

Tgt Ion:112 Resp: 396128
Ion Ratio Lower Upper
112 100
64 60.7 39.7 59.5#
63 30.3 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: 117.46 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-5

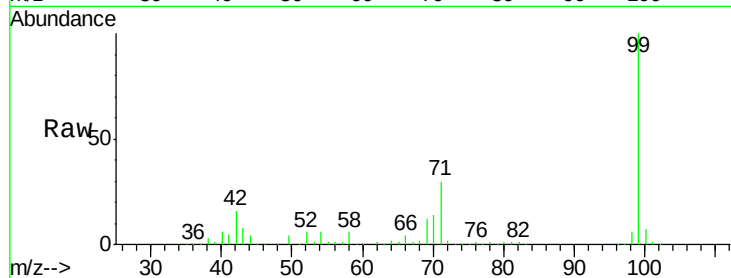
Tgt Ion: 99 Resp: 546389

Ion Ratio Lower Upper

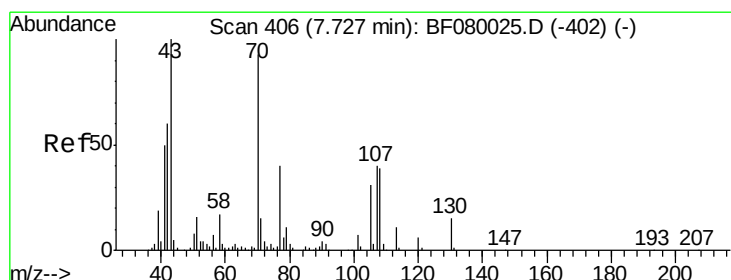
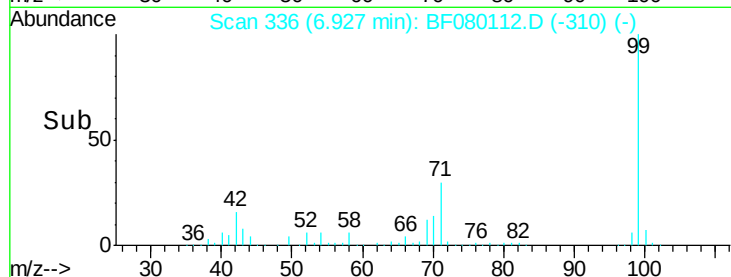
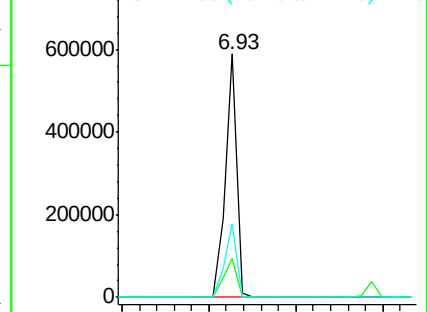
99 100

42 15.9 13.7 20.5

71 29.9 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: 12.39 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

Tgt Ion: 70 Resp: 40028

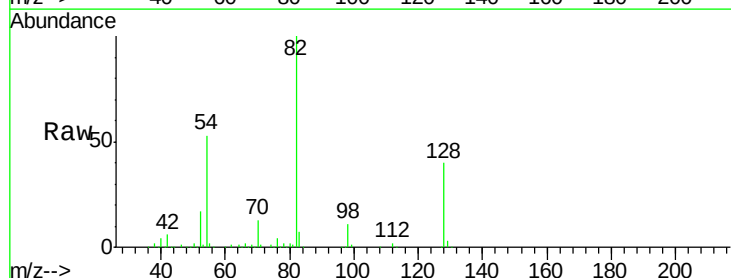
Ion Ratio Lower Upper

70 100

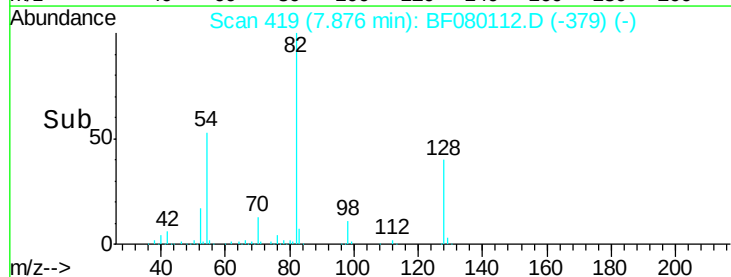
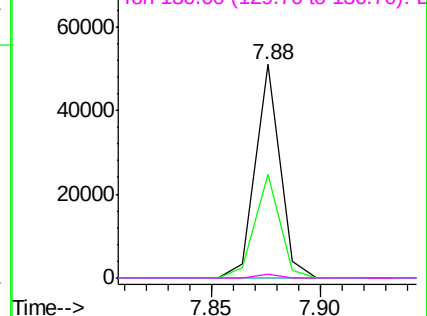
42 48.6 63.8 95.6#

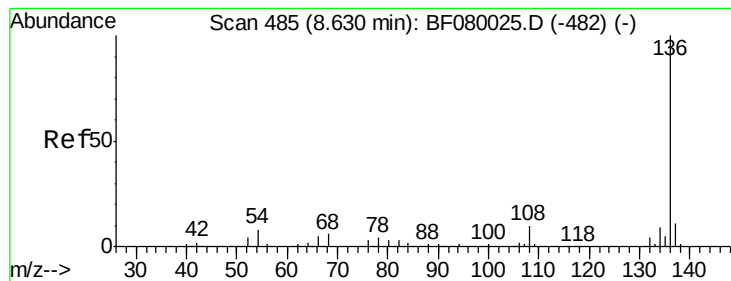
101 0.0 9.2 13.8#

130 1.7 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): E
Ion 130.00 (129.70 to 130.70): E

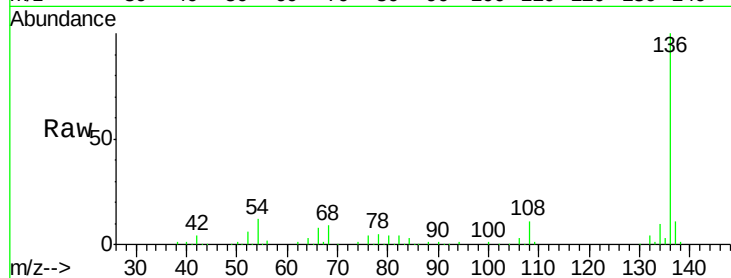




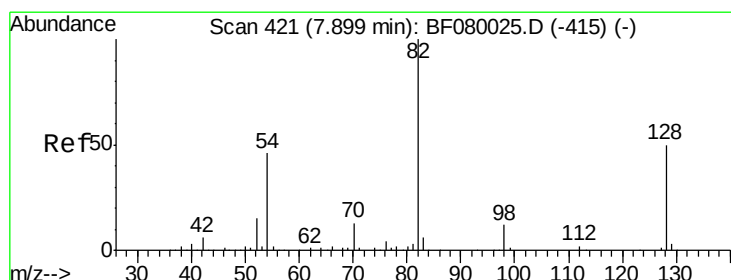
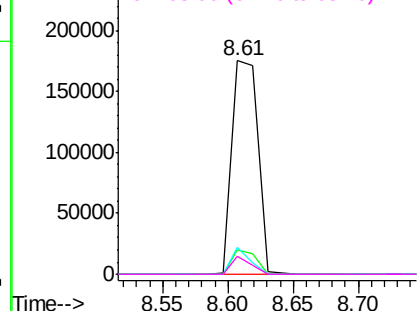
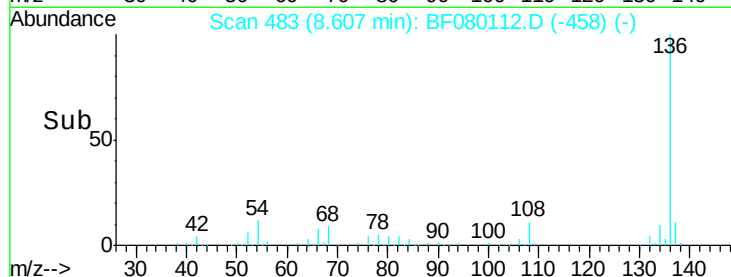
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-5

Tgt Ion:	136	Resp:	240606
Ion Ratio		Lower	Upper
136	100		
137	11.4	9.0	13.6
54	12.4	8.2	12.2#
68	8.6	5.8	8.6

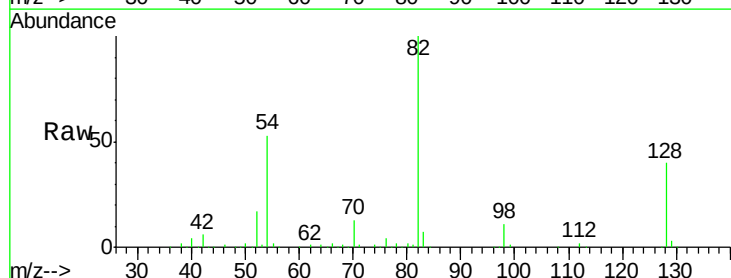


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

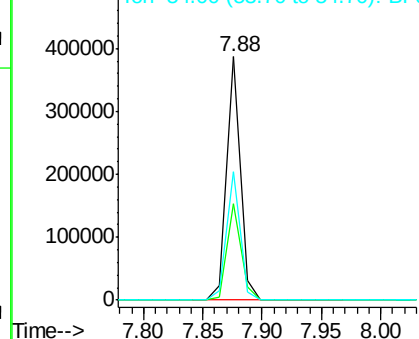
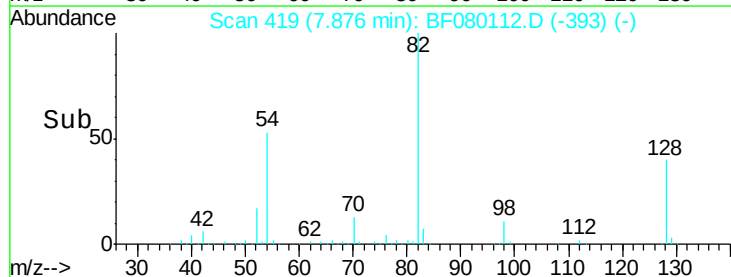


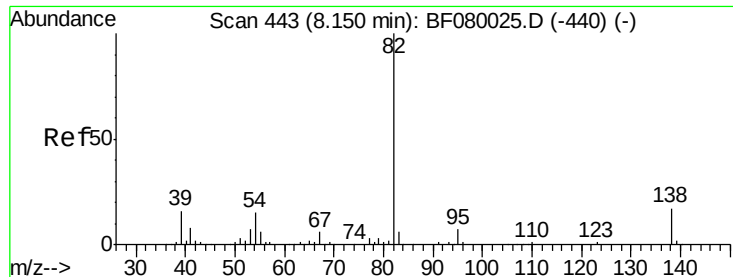
#23
Nitrobenzene-d5
Concen: 73.68 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

Tgt Ion:	82	Resp:	304505
Ion Ratio		Lower	Upper
82	100		
128	39.9	51.0	76.6#
54	52.6	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: 36.61 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-5

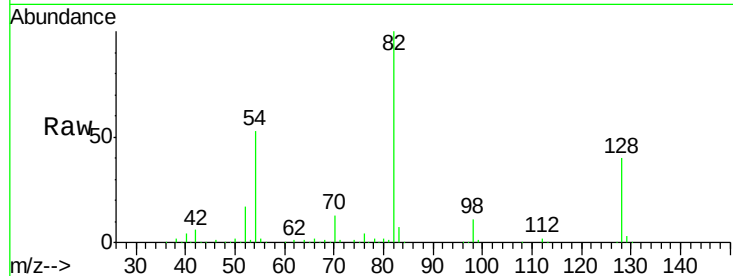
Tgt Ion: 82 Resp: 304497

Ion Ratio Lower Upper

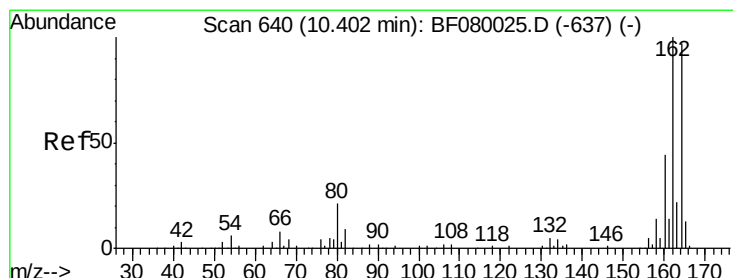
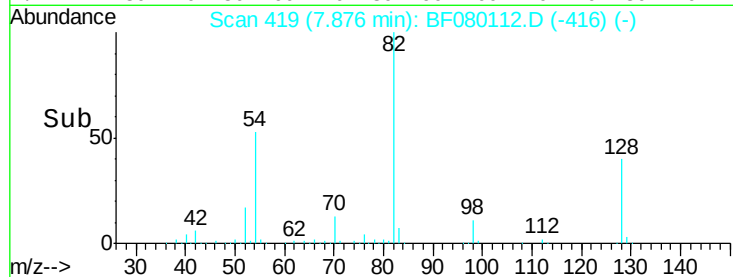
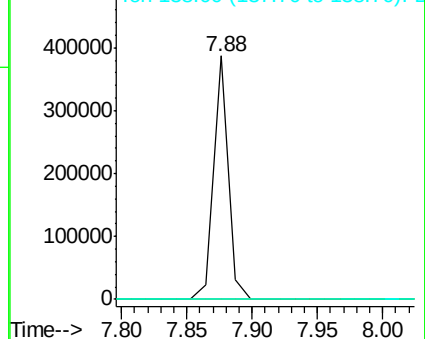
82 100

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: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

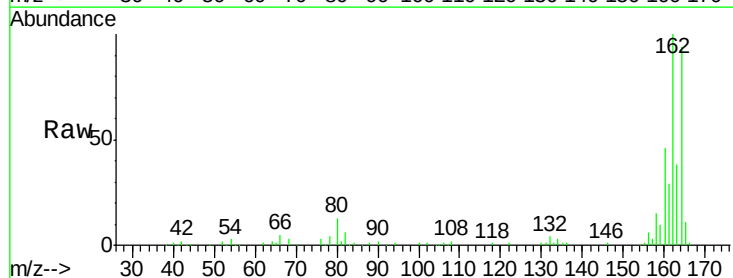
Tgt Ion: 164 Resp: 125827

Ion Ratio Lower Upper

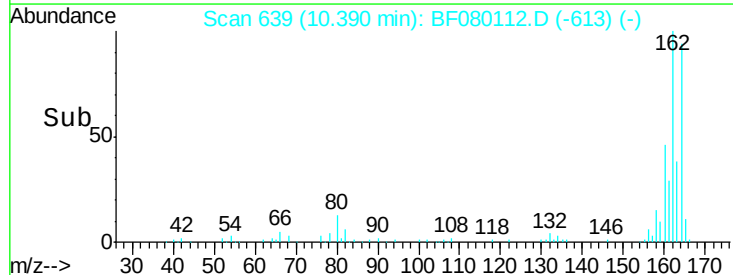
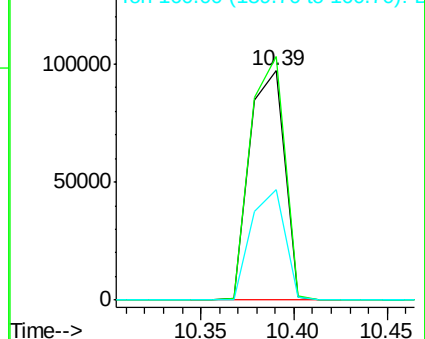
164 100

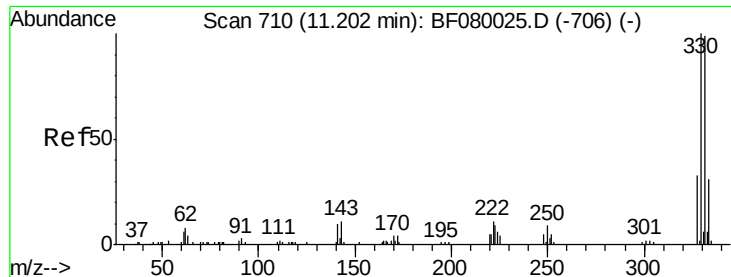
162 106.2 75.2 112.8

160 48.4 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

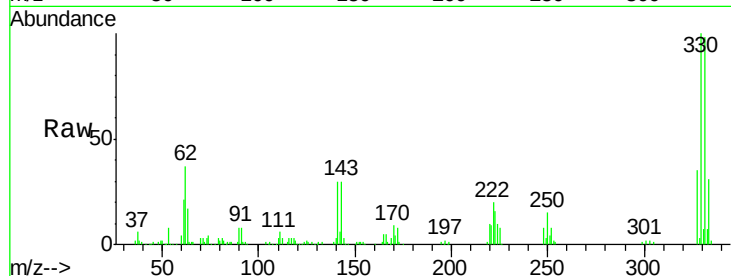




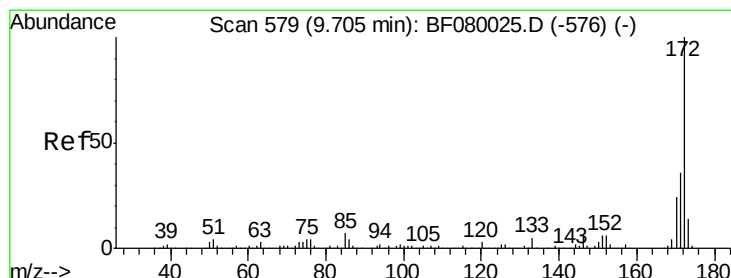
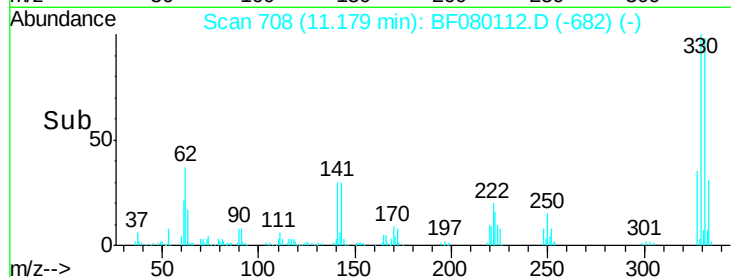
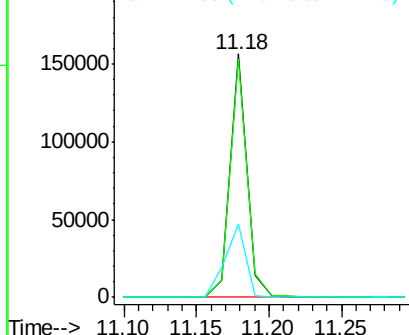
#41
 2,4,6-Tribromophenol
 Concen: 102.85 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080112.D
 Acq: 23 Jun 2015 1:59

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	36.9	29.7	44.5

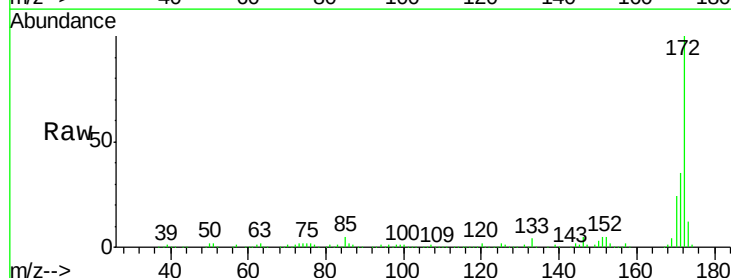


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

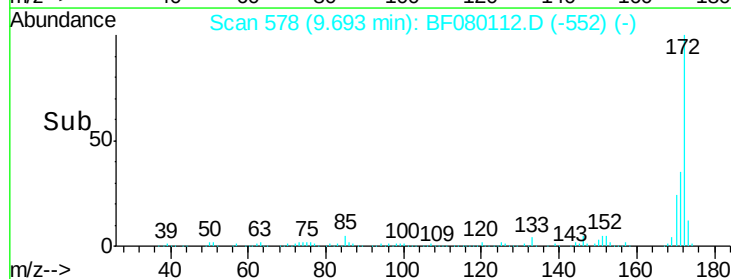
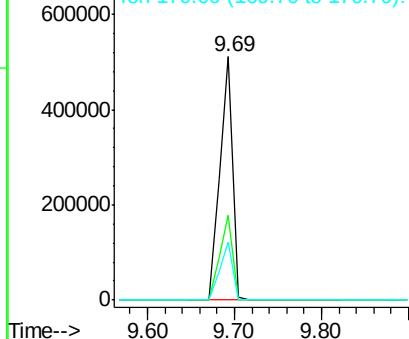


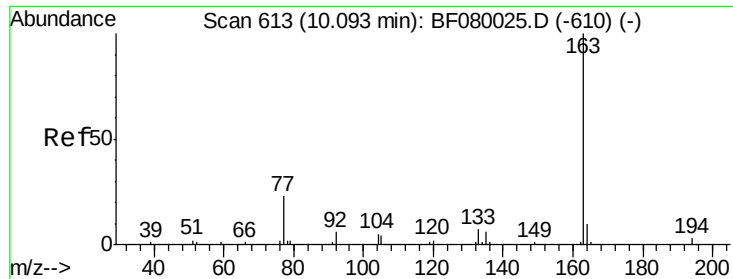
#44
 2-Fluorobiphenyl
 Concen: 60.27 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080112.D
 Acq: 23 Jun 2015 1:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.8	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

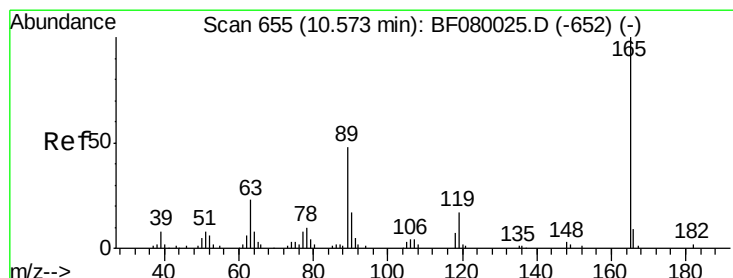
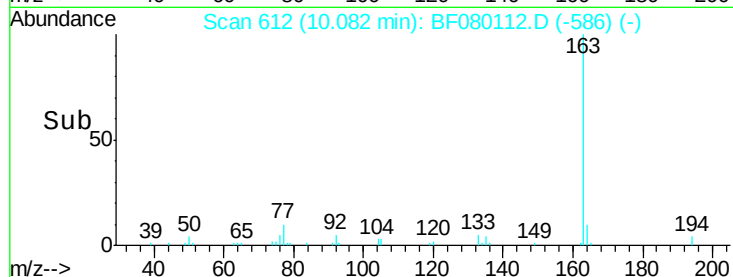
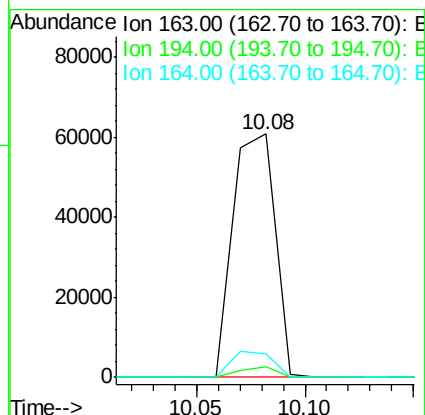
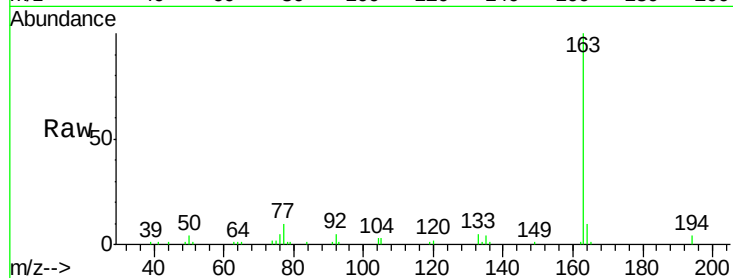




#49
Dimethylphthalate
Concen: 8.62 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

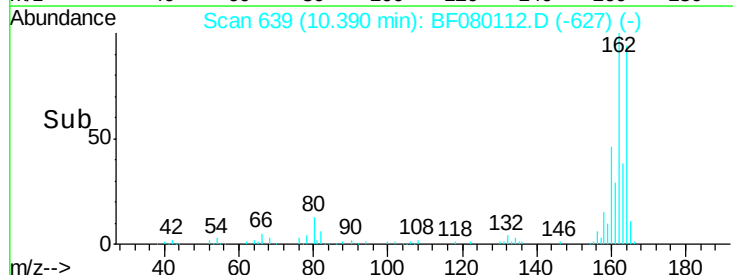
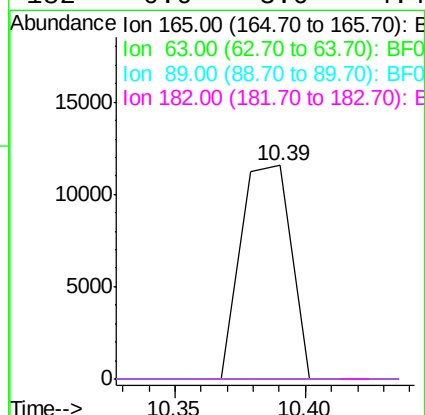
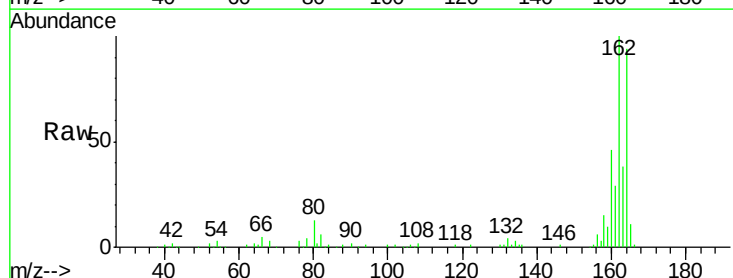
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BNA_F
ClientSampleId :
76-INFIELD(0-2)-5

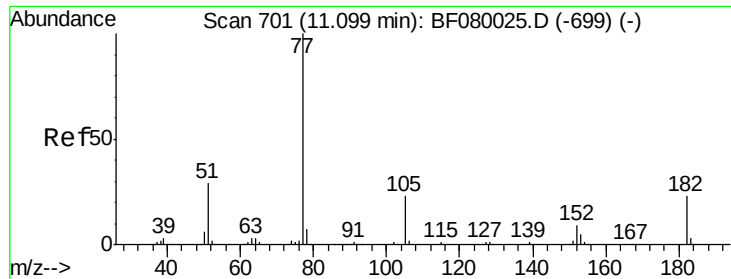
Tgt Ion:163 Resp: 81516
Ion Ratio Lower Upper
163 100
194 4.4 4.4 6.6
164 9.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.16 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

Tgt Ion:165 Resp: 15650
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#





#62

Azobenzene

Concen: 3.32 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-5

Tgt Ion: 77 Resp: 32234

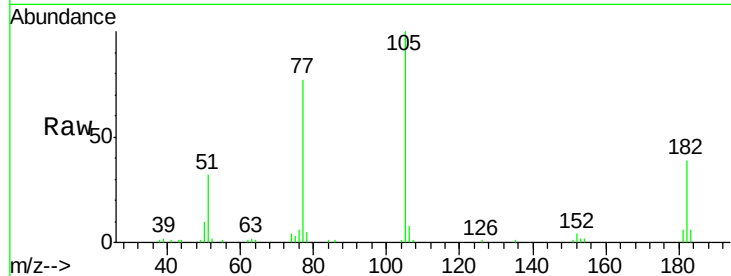
Ion Ratio Lower Upper

77 100

182 50.1 15.1 55.1

105 129.4 3.4 43.4#

51 41.0 12.0 52.0

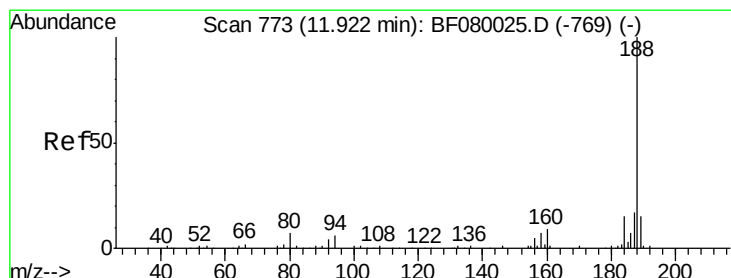
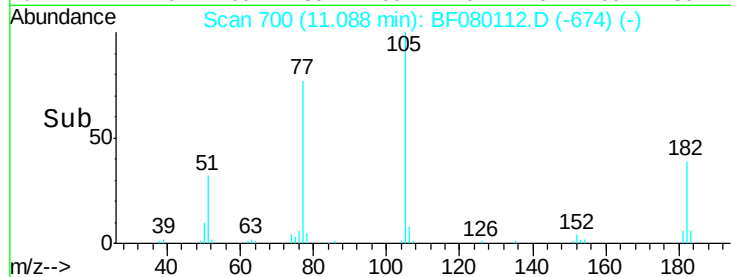
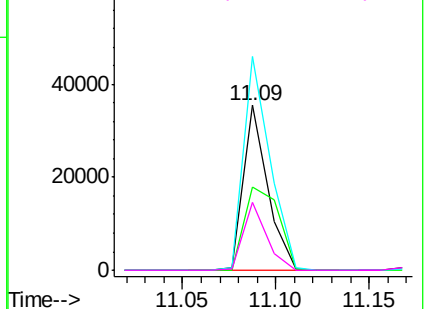


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.89 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

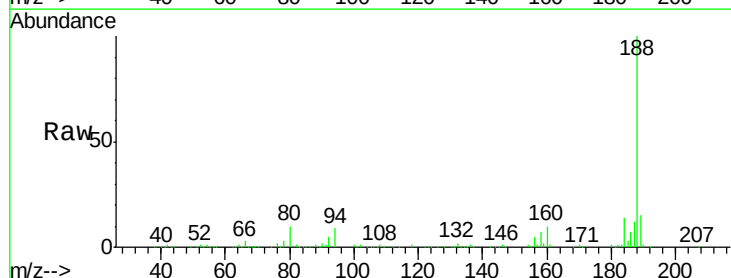
Tgt Ion: 188 Resp: 271752

Ion Ratio Lower Upper

188 100

94 9.0 11.1 16.7#

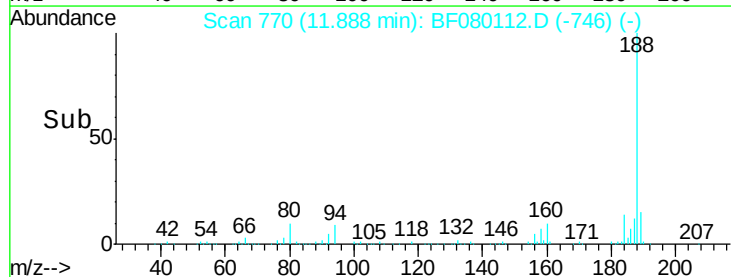
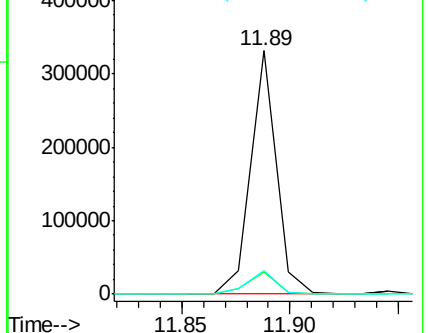
80 9.7 11.0 16.4#

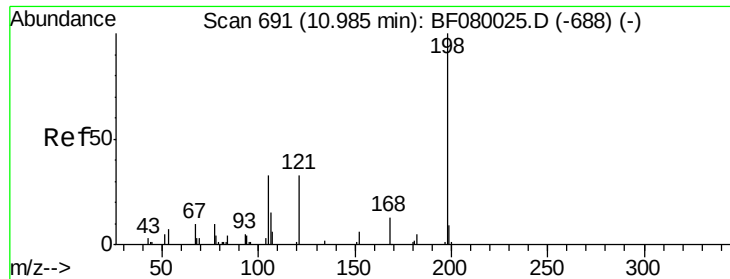


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.75 ng

RT: 11.18 min Scan# 708

Delta R.T. 0.21 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-5

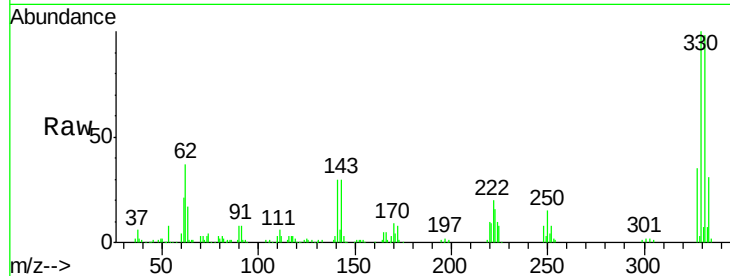
Tgt Ion:198 Resp: 303

Ion Ratio Lower Upper

198 100

51 134.2 39.6 79.6#

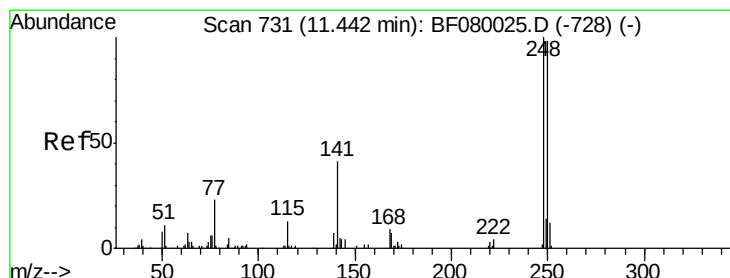
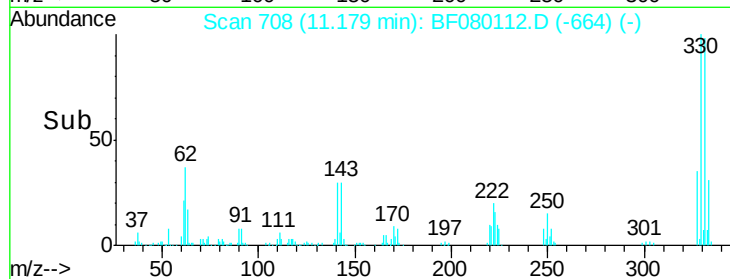
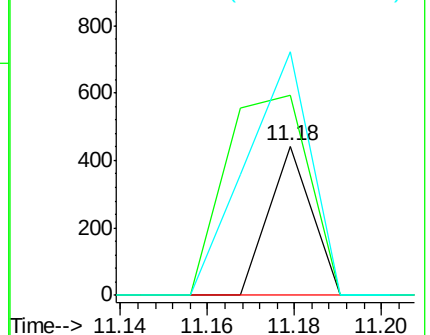
105 163.3 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.39 ng

RT: 11.18 min Scan# 708

Delta R.T. -0.24 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

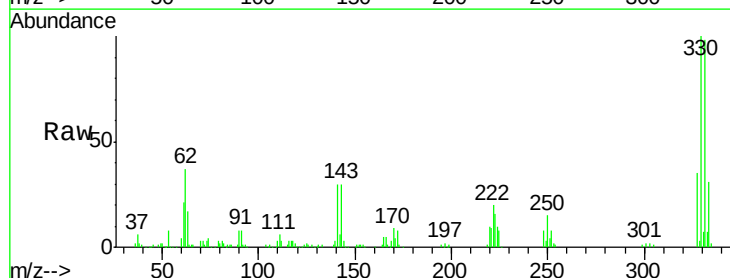
Tgt Ion:248 Resp: 9796

Ion Ratio Lower Upper

248 100

250 195.0 78.5 117.7#

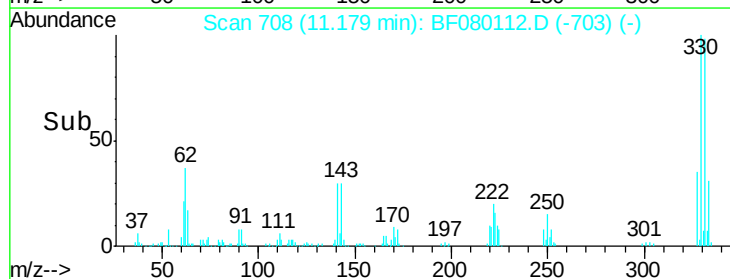
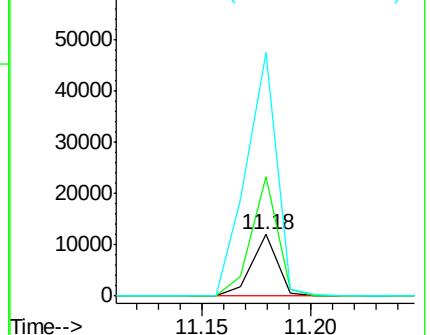
141 395.9 59.0 88.6#

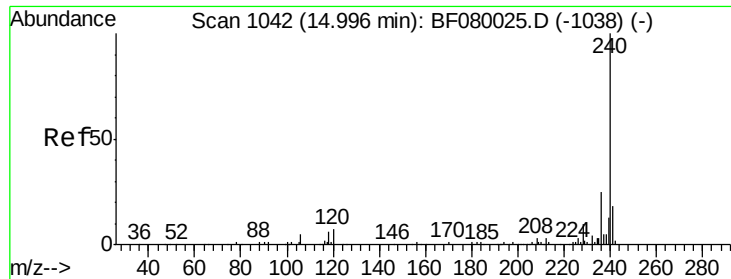


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.19 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-5

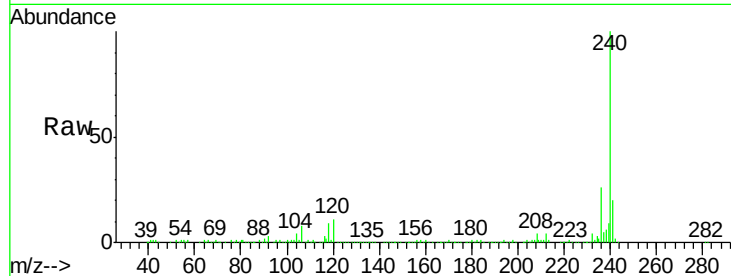
Tgt Ion:240 Resp: 286604

Ion Ratio Lower Upper

240 100

120 10.7 16.2 24.2#

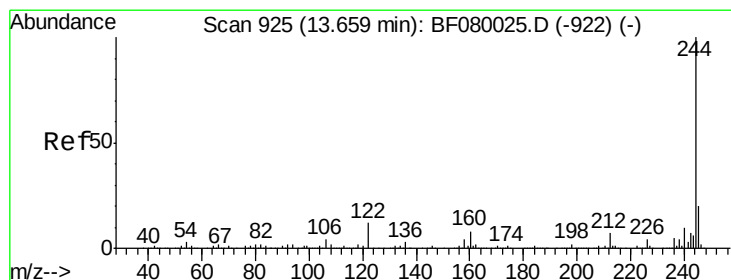
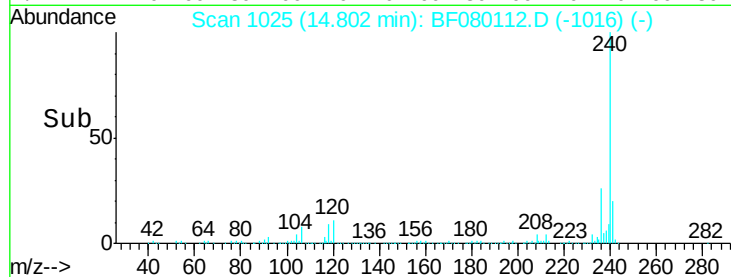
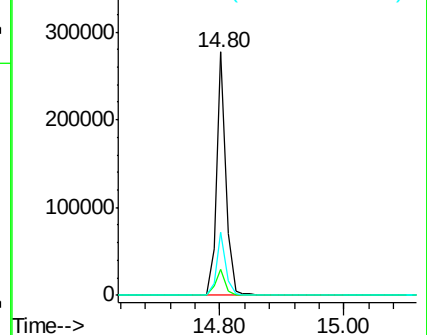
236 25.9 18.4 27.6



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: 51.54 ng

RT: 13.56 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF080112.D

Acq: 23 Jun 2015 1:59

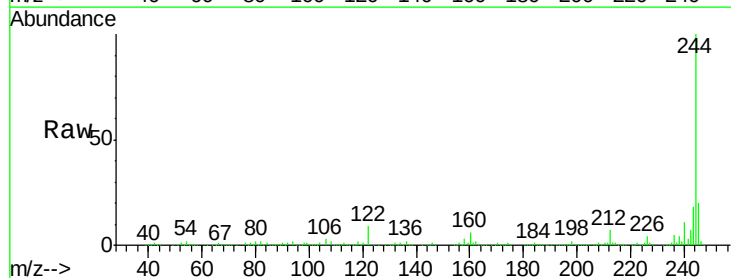
Tgt Ion:244 Resp: 632487

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

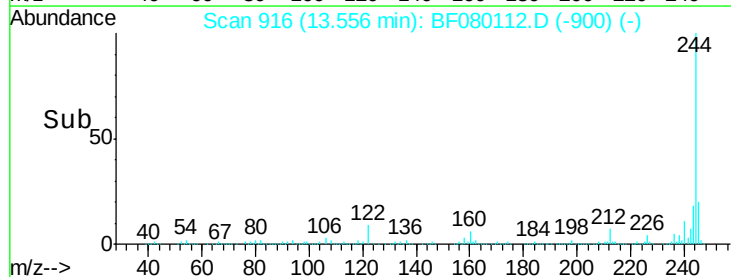
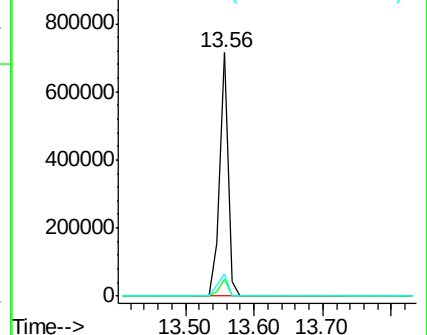
122 9.4 17.4 26.2#

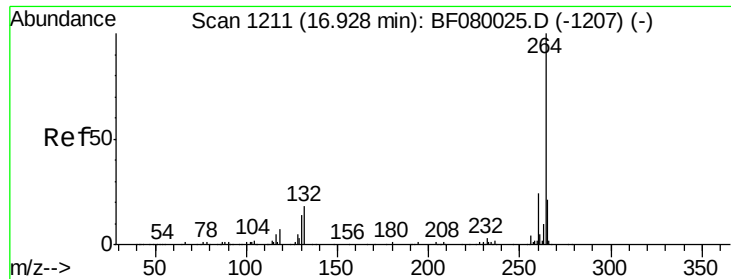


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

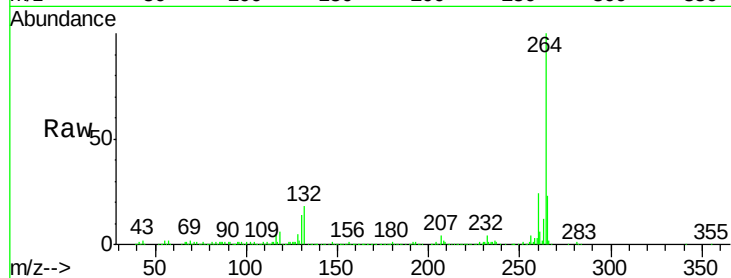




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.65 min Scan# 1187
Delta R.T. -0.27 min
Lab File: BF080112.D
Acq: 23 Jun 2015 1:59

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-5

Tgt Ion: 264 Resp: 283907
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 22.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

