

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080122.D
 Acq On : 23 Jun 2015 6:46
 Operator : TP/IZ
 Sample : G2716-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)13

Quant Time: Jun 23 07:26:04 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	46334	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	180664	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	92474	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	208301	20.00	ng	-0.02
75) Chrysene-d12	14.80	240	228016	20.00	ng	-0.19
86) Perylene-d12	16.65	264	220825	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	361690	138.18	ng	0.00
7) Phenol-d6	6.93	99	489491	140.53	ng	0.00
23) Nitrobenzene-d5	7.88	82	279550	90.08	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	120899	133.70	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	522678	80.61	ng	0.00
78) Terphenyl-d14	13.56	244	589133	60.34	ng	-0.11
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	37536	15.52	ng	# 61
25) Isophorone	7.88	82	279541	44.76	ng	# 58
49) Dimethylphthalate	10.07	163	26124	3.76	ng	# 96
50) 2,6-Dinitrotoluene	10.38	165	11097	7.96	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	11098	6.27	ng	# 31
62) Azobenzene	11.09	77	17004	2.39	ng	# 23
66) 4-Bromophenyl-phenylether	11.18	248	8700	3.93	ng	# 1

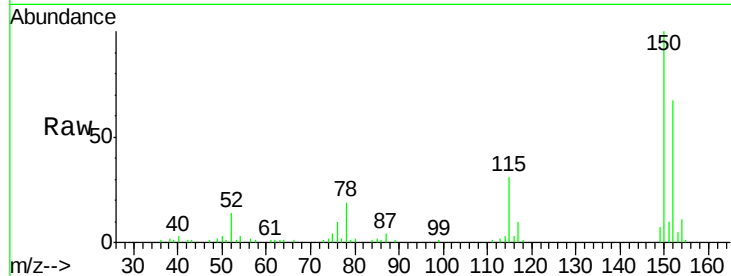
(#) = qualifier out of range (m) = manual integration (+) = signals summed



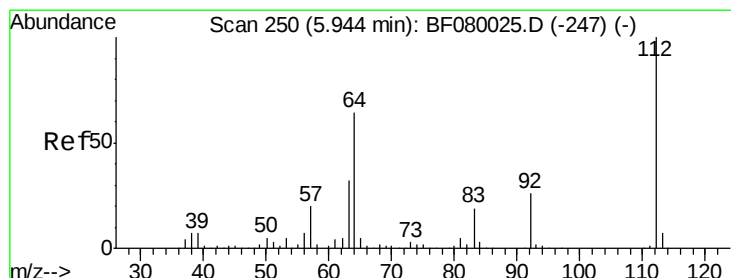
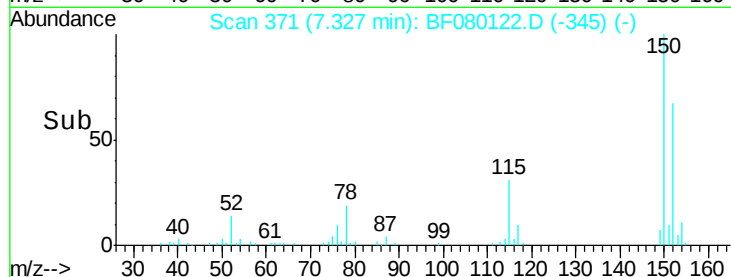
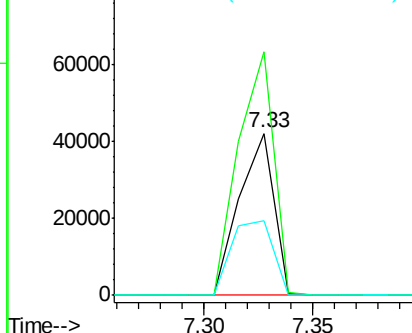
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)13

Tgt Ion:152 Resp: 46334
 Ion Ratio Lower Upper
 152 100
 150 150.3 124.7 187.1
 115 46.2 39.0 58.4

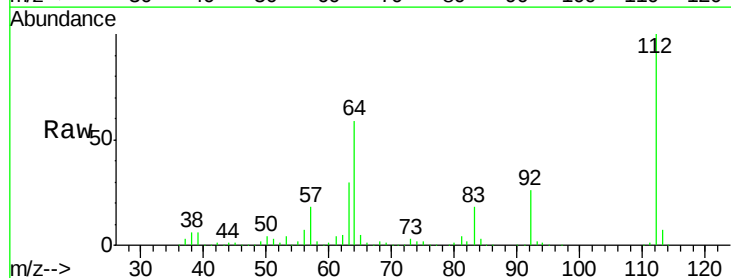


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

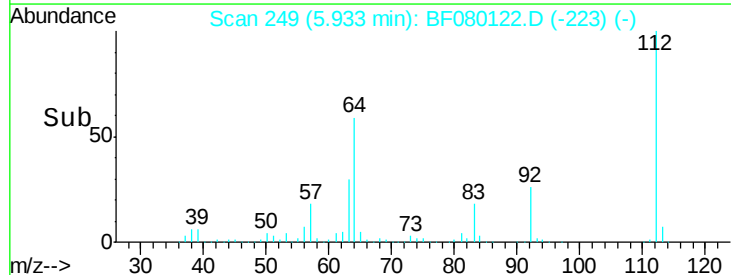
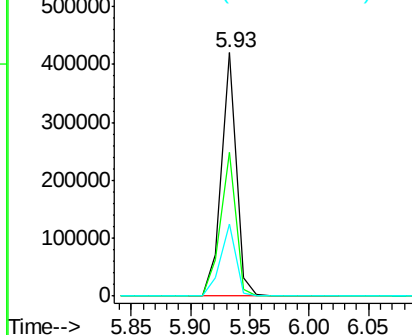


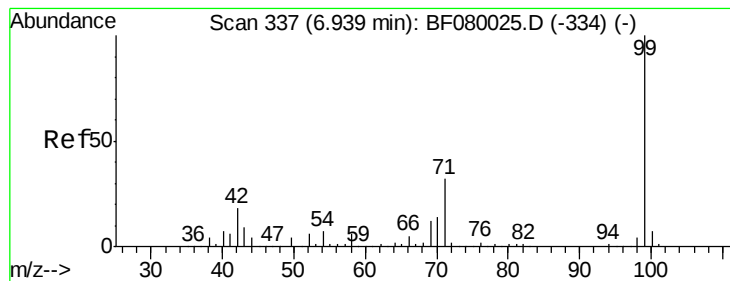
#5
 2-Fluorophenol
 Concen: 138.18 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

Tgt Ion:112 Resp: 361690
 Ion Ratio Lower Upper
 112 100
 64 59.2 39.7 59.5
 63 29.6 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: 140.53 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)13

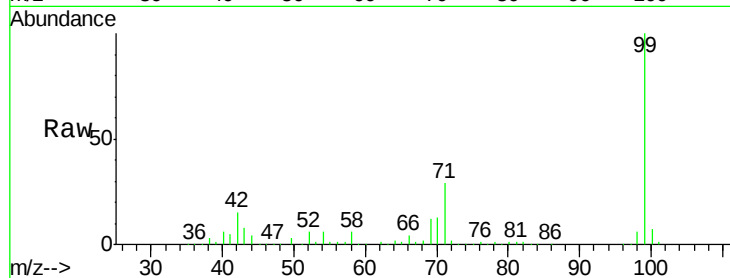
Tgt Ion: 99 Resp: 489491

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

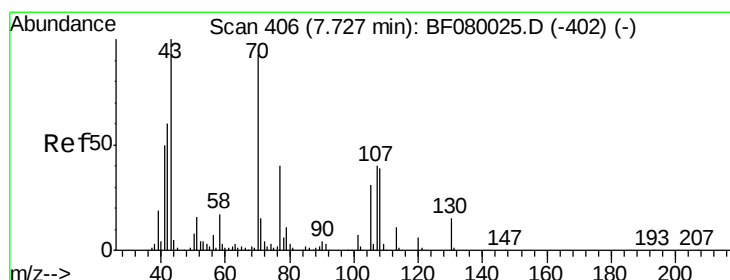
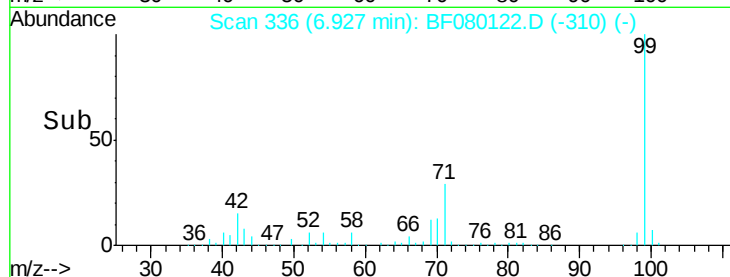
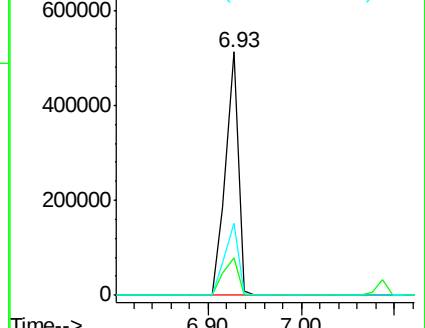
71 29.4 14.2 21.2#



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: 15.52 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

Tgt Ion: 70 Resp: 37536

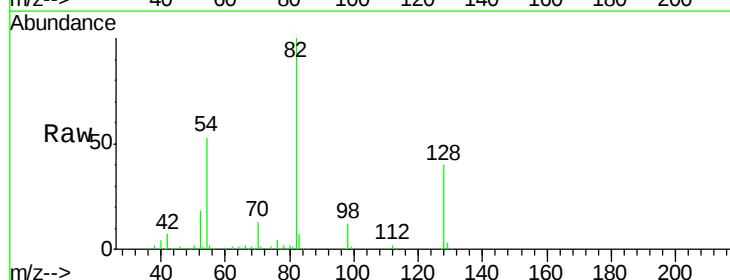
Ion Ratio Lower Upper

70 100

42 51.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

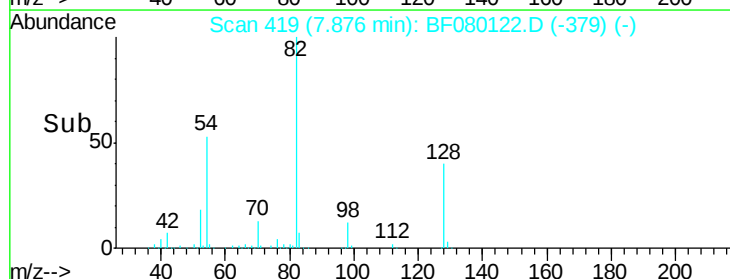
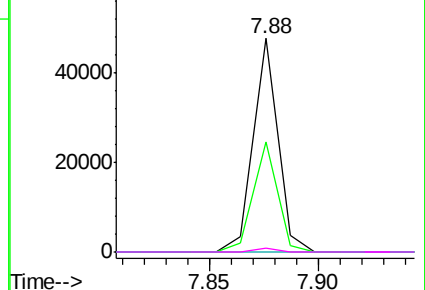


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

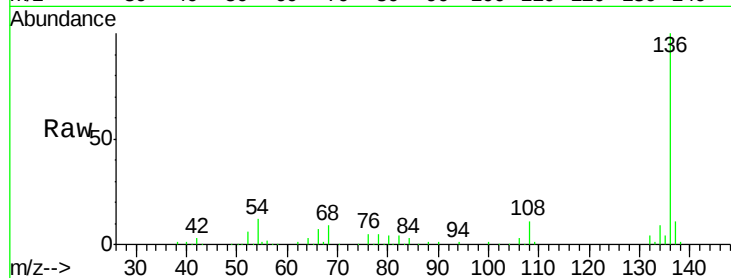




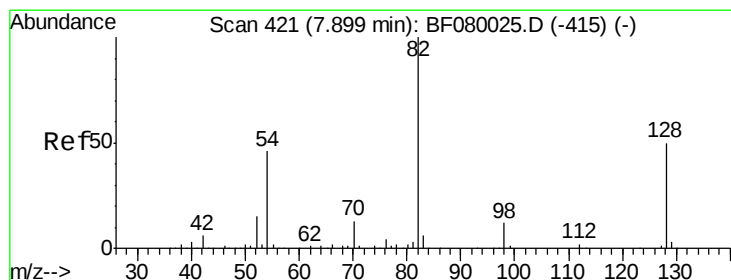
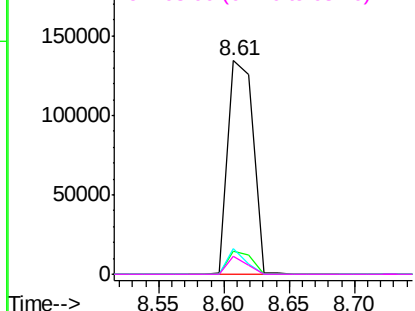
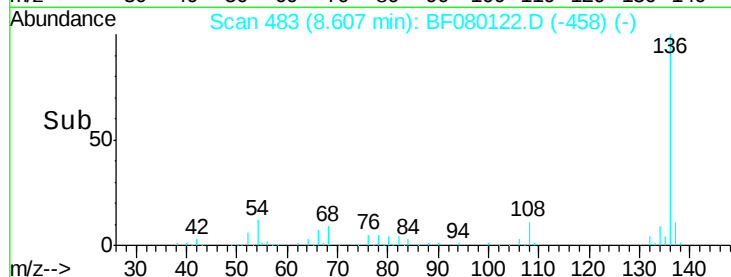
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080122.D
Acq: 23 Jun 2015 6:46

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)13

Tgt Ion:	136	Resp:	180664
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.8	8.2	12.2
68	8.7	5.8	8.6#

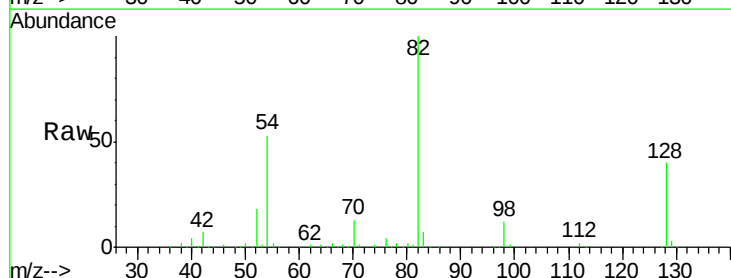


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

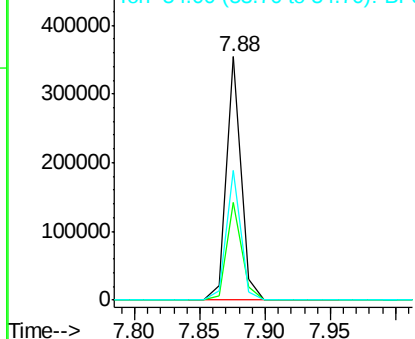
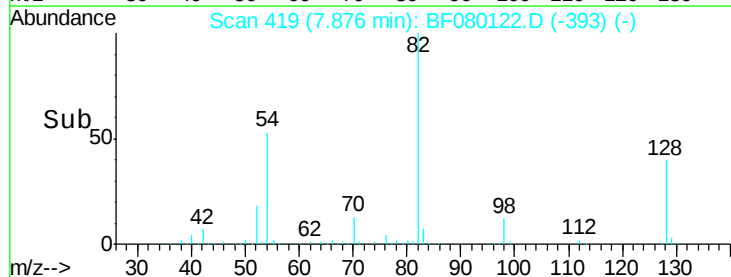


#23
Nitrobenzene-d5
Concen: 90.08 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080122.D
Acq: 23 Jun 2015 6:46

Tgt Ion:	82	Resp:	279550
Ion	Ratio	Lower	Upper
82	100		
128	40.3	51.0	76.6#
54	53.2	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: 44.76 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)13

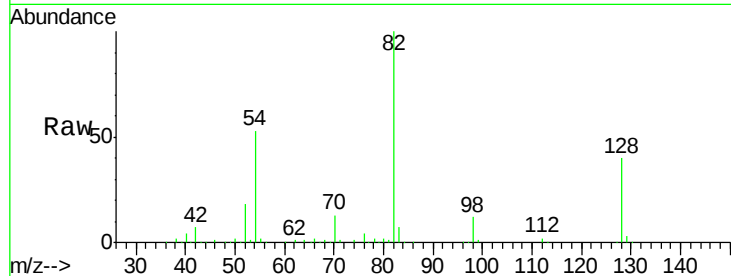
Tgt Ion: 82 Resp: 279541

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

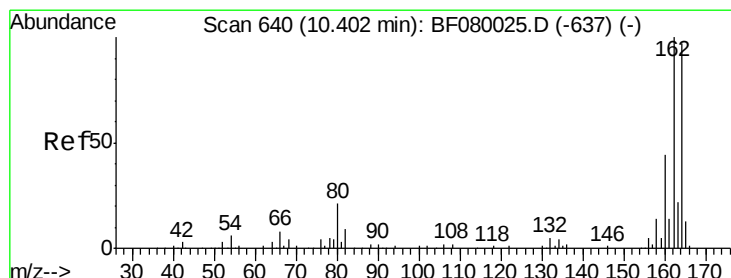
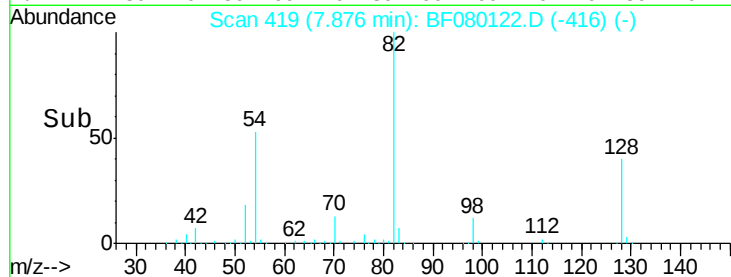
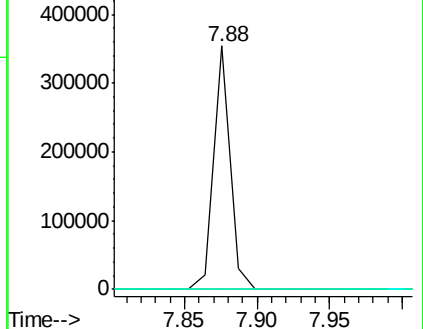
138 0.0 18.3 27.5#



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: BF080122.D

Acq: 23 Jun 2015 6:46

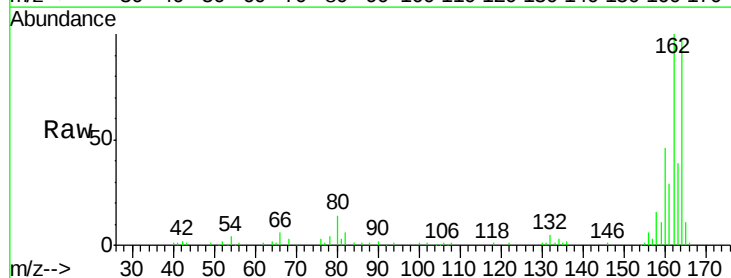
Tgt Ion: 164 Resp: 92474

Ion Ratio Lower Upper

164 100

162 102.7 75.2 112.8

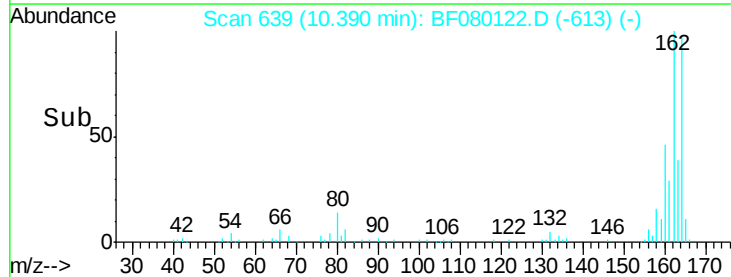
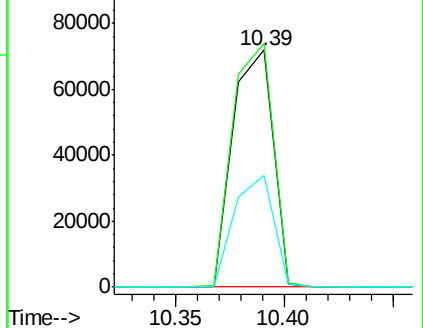
160 47.4 31.5 47.3#



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

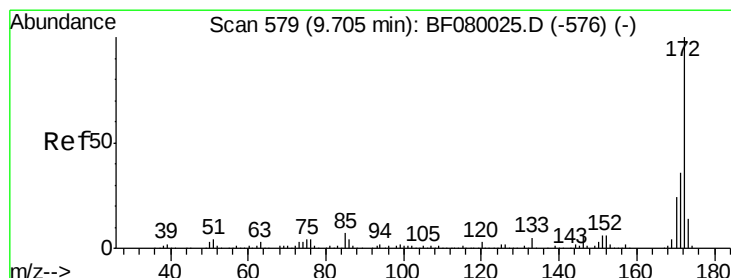
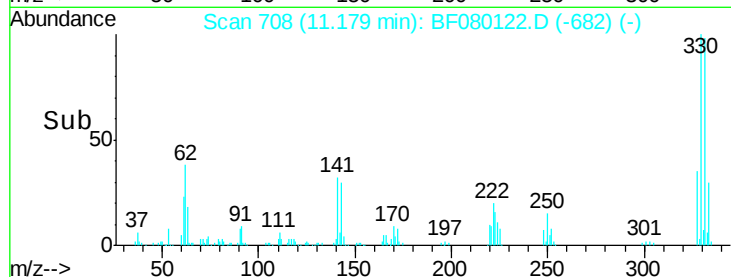
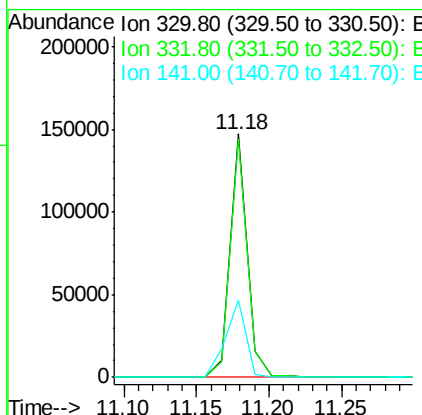
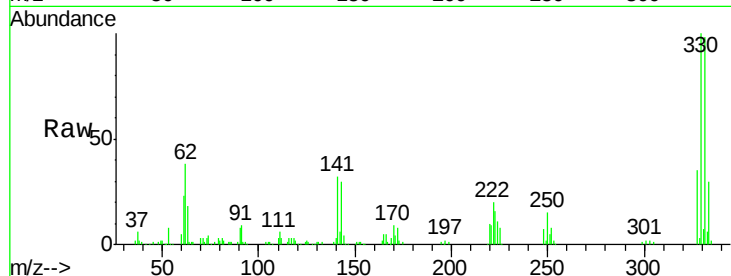




#41
 2,4,6-Tribromophenol
 Concen: 133.70 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

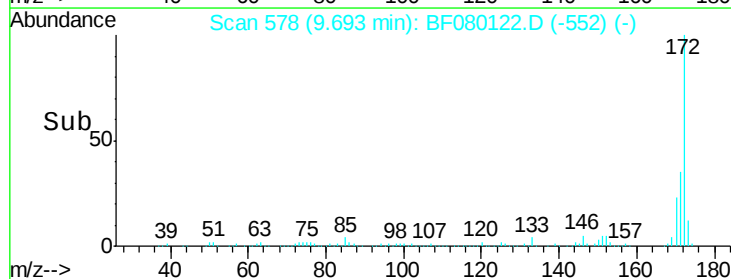
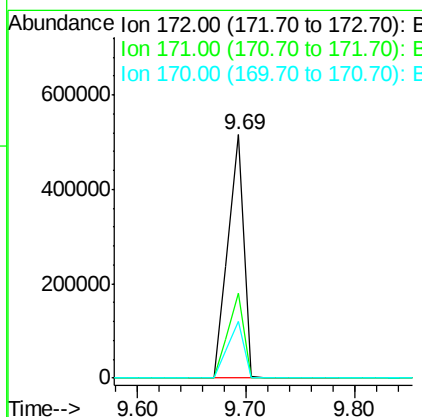
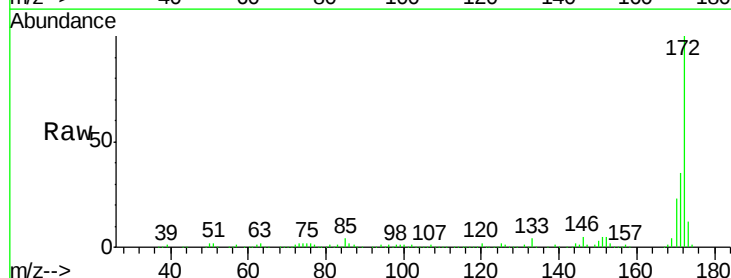
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)13

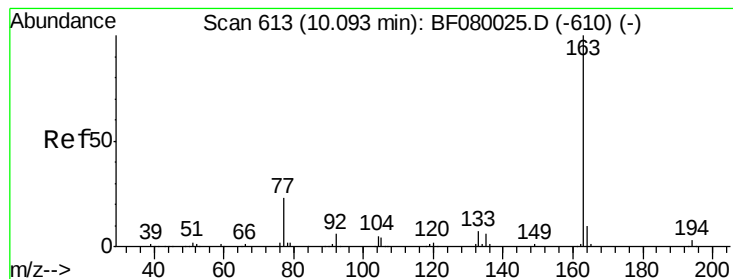
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	37.5	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 80.61 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.1	39.1
170	23.4	17.4	26.2





#49

Dimethylphthalate

Concen: 3.76 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)13

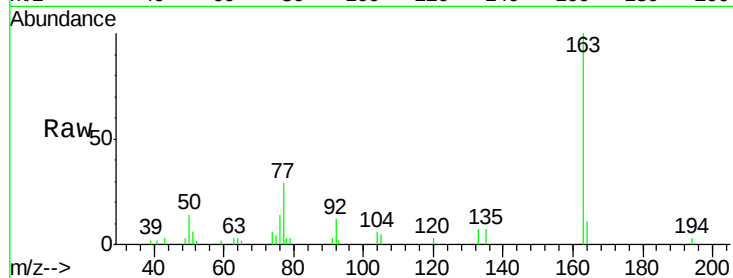
Tgt Ion:163 Resp: 26124

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

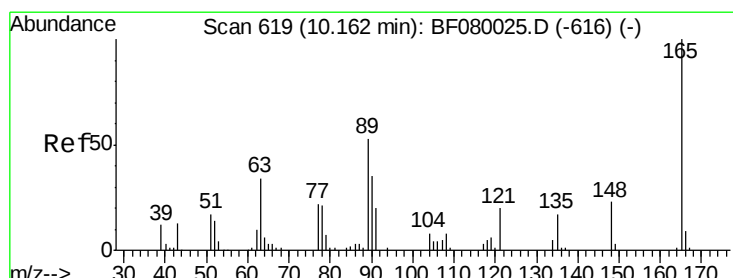
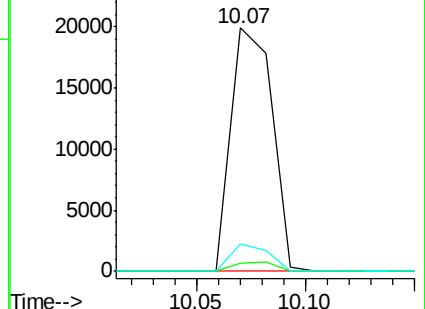
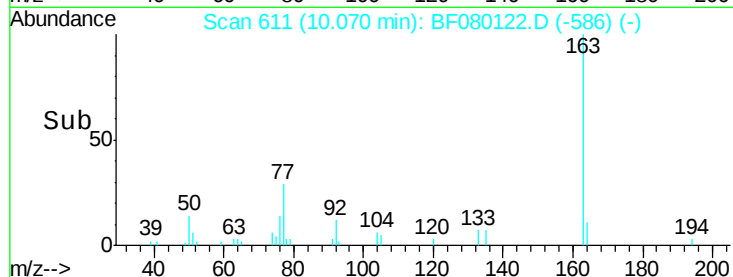
164 11.3 8.3 12.5



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: 7.96 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.23 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

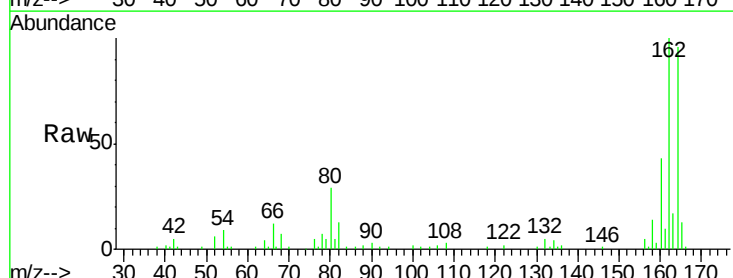
Tgt Ion:165 Resp: 11097

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

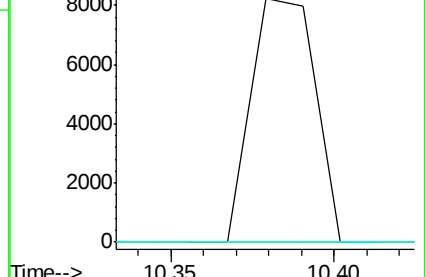
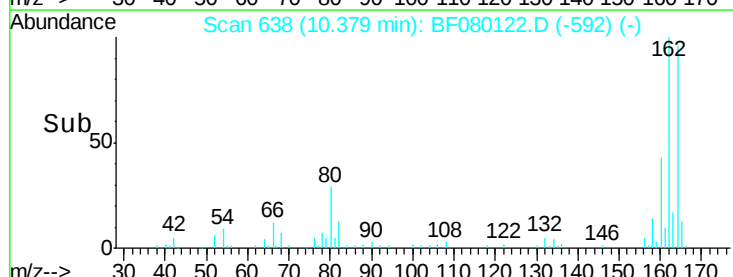
89 0.0 28.6 43.0#

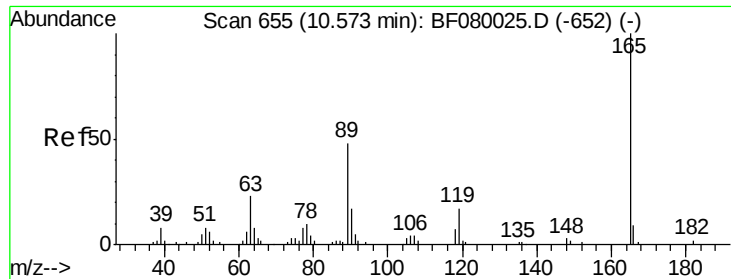


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

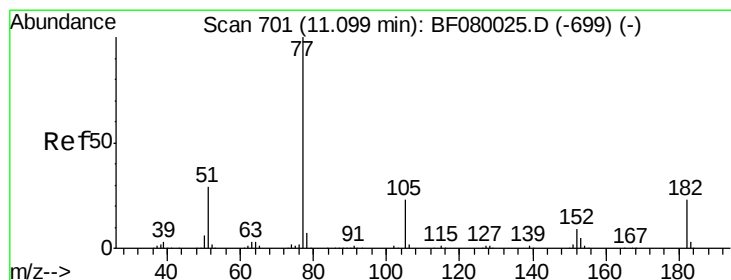
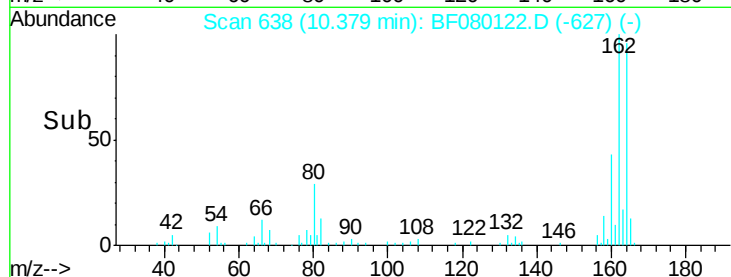
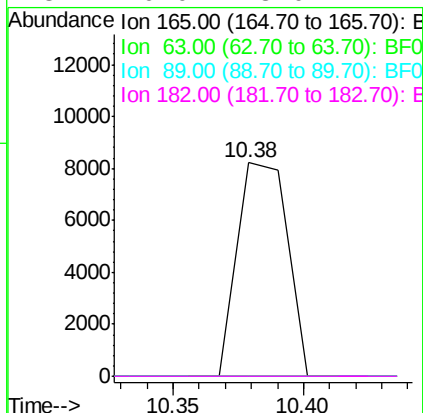
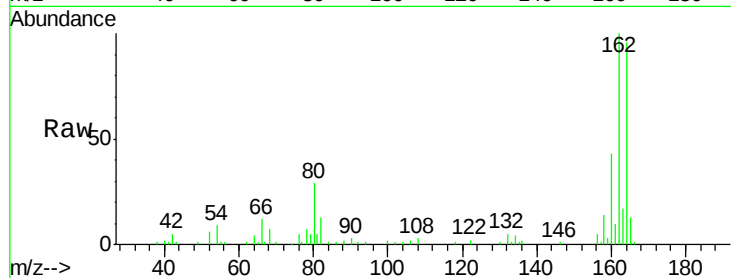




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

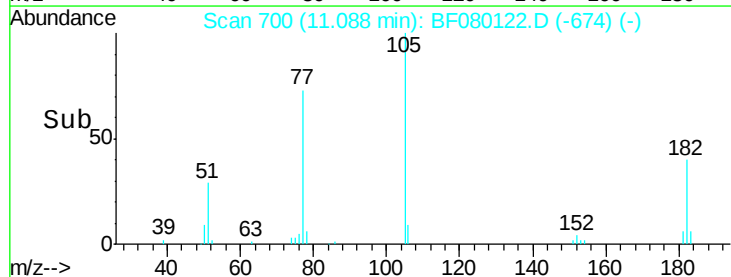
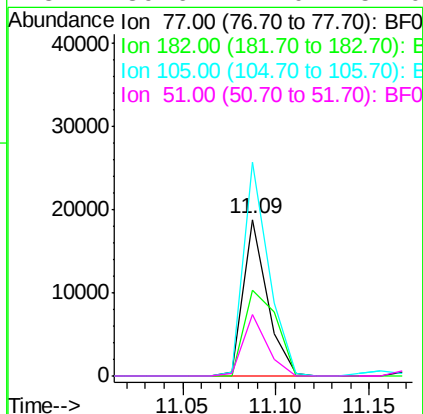
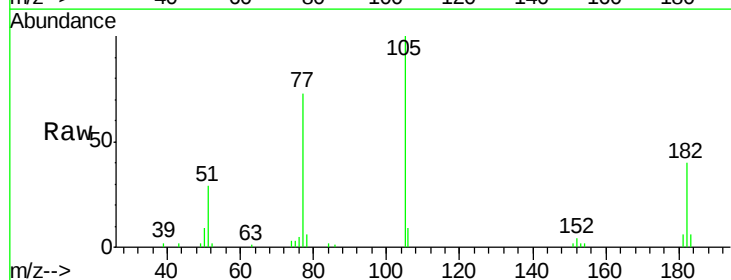
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)13

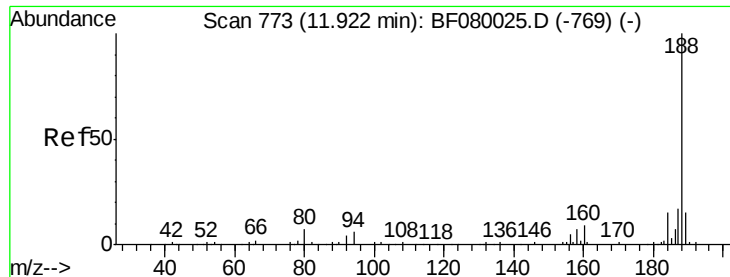
Tgt Ion:	165	Resp:	11098
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#62
 Azobenzene
 Concen: 2.39 ng
 RT: 11.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

Tgt Ion:	77	Resp:	17004
Ion	Ratio	Lower	Upper
77	100		
182	54.5	15.1	55.1
105	136.2	3.4	43.4#
51	39.6	12.0	52.0

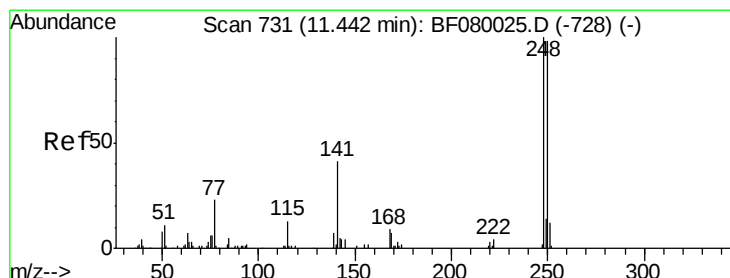
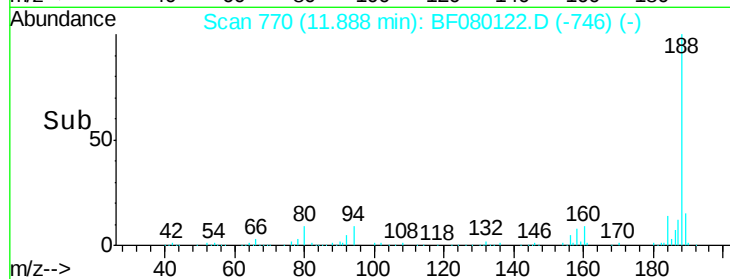
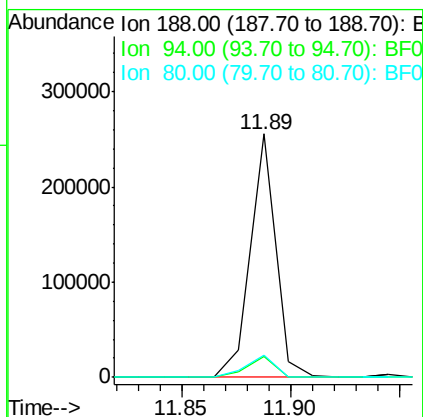
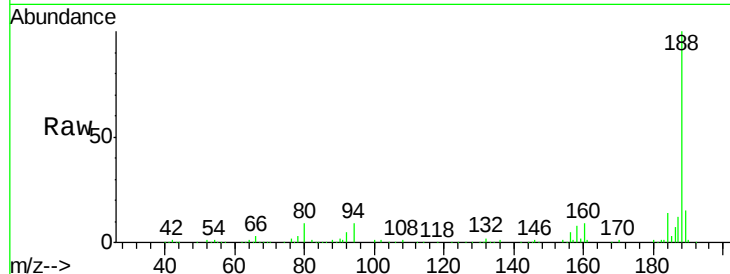




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

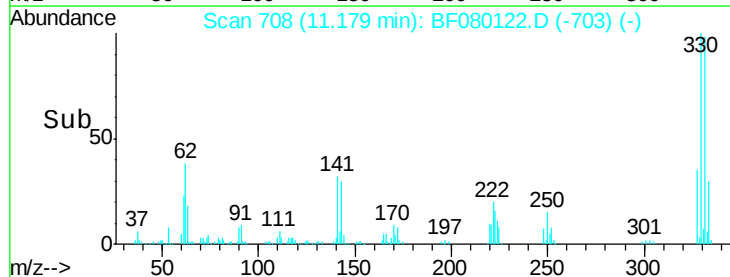
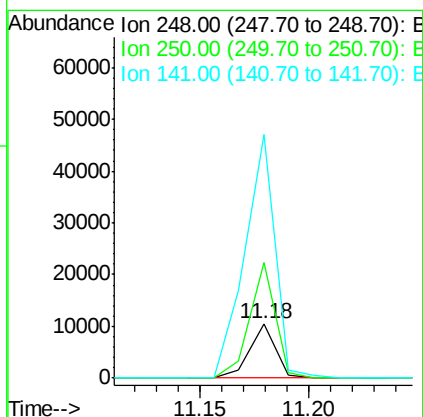
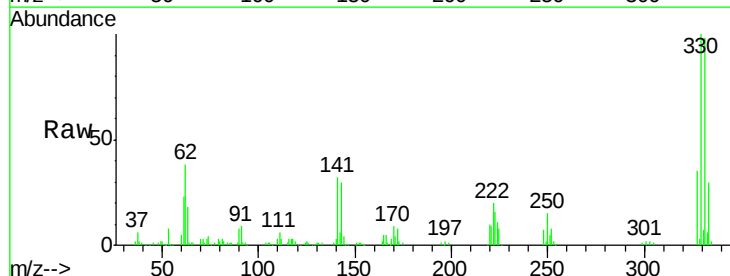
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)13

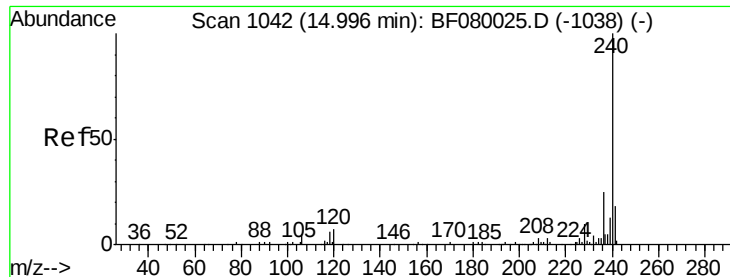
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	11.1	16.7#
80	8.9	11.0	16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080122.D
 Acq: 23 Jun 2015 6:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	211.7	78.5	117.7#
141	448.0	59.0	88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.19 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)13

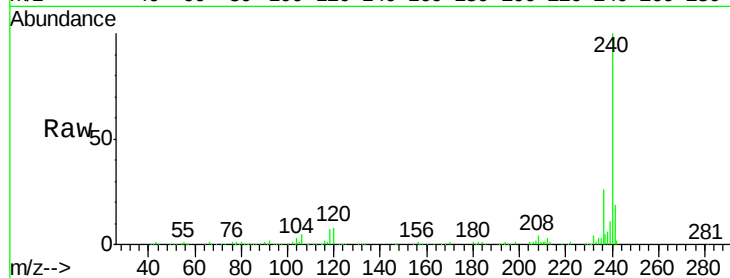
Tgt Ion:240 Resp: 228016

Ion Ratio Lower Upper

240 100

120 7.7 16.2 24.2#

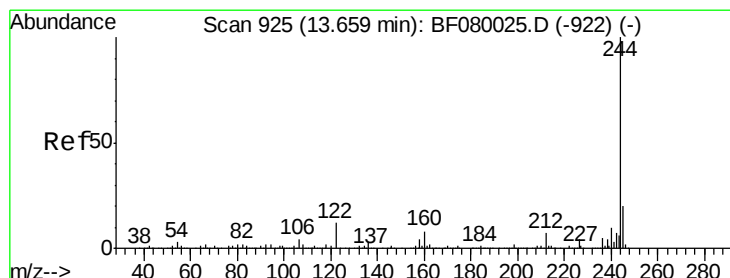
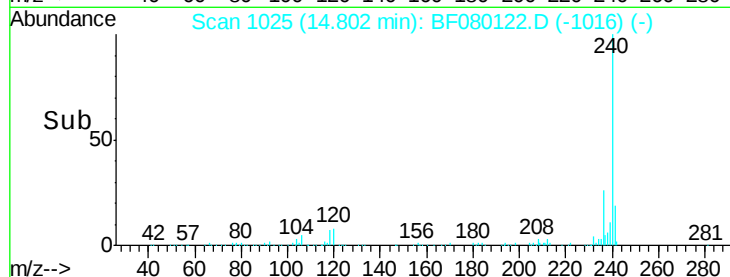
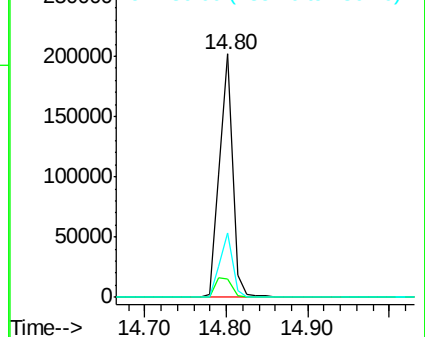
236 26.4 18.4 27.6



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: 60.34 ng

RT: 13.56 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF080122.D

Acq: 23 Jun 2015 6:46

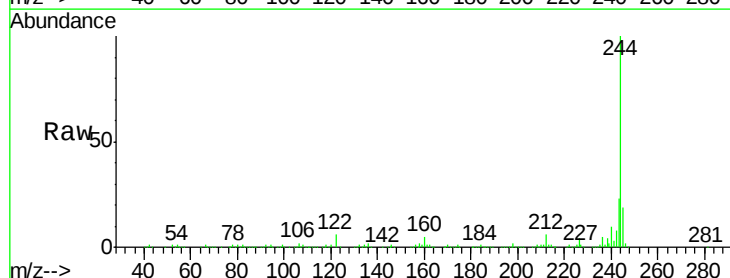
Tgt Ion:244 Resp: 589133

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

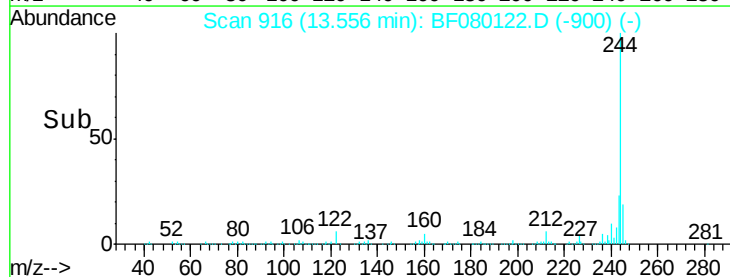
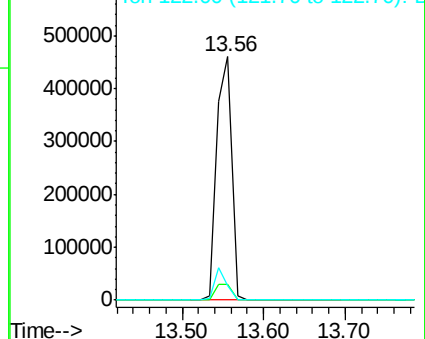
122 6.0 17.4 26.2#

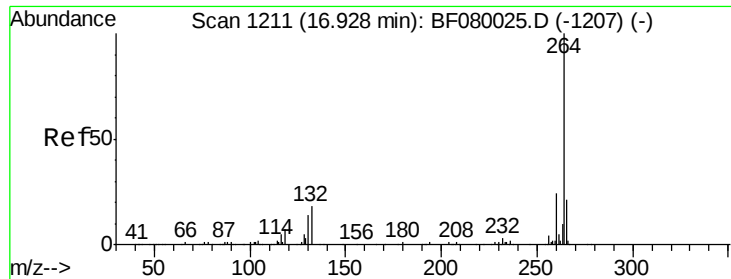


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080122.D
Acq: 23 Jun 2015 6:46

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)13

Tgt Ion: 264 Resp: 220825
Ion Ratio Lower Upper
264 100
260 23.2 16.7 25.1
265 21.2 17.2 25.8

