

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080121.D
 Acq On : 23 Jun 2015 6:17
 Operator : TP/IZ
 Sample : G2716-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

Quant Time: Jun 23 06:42:09 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

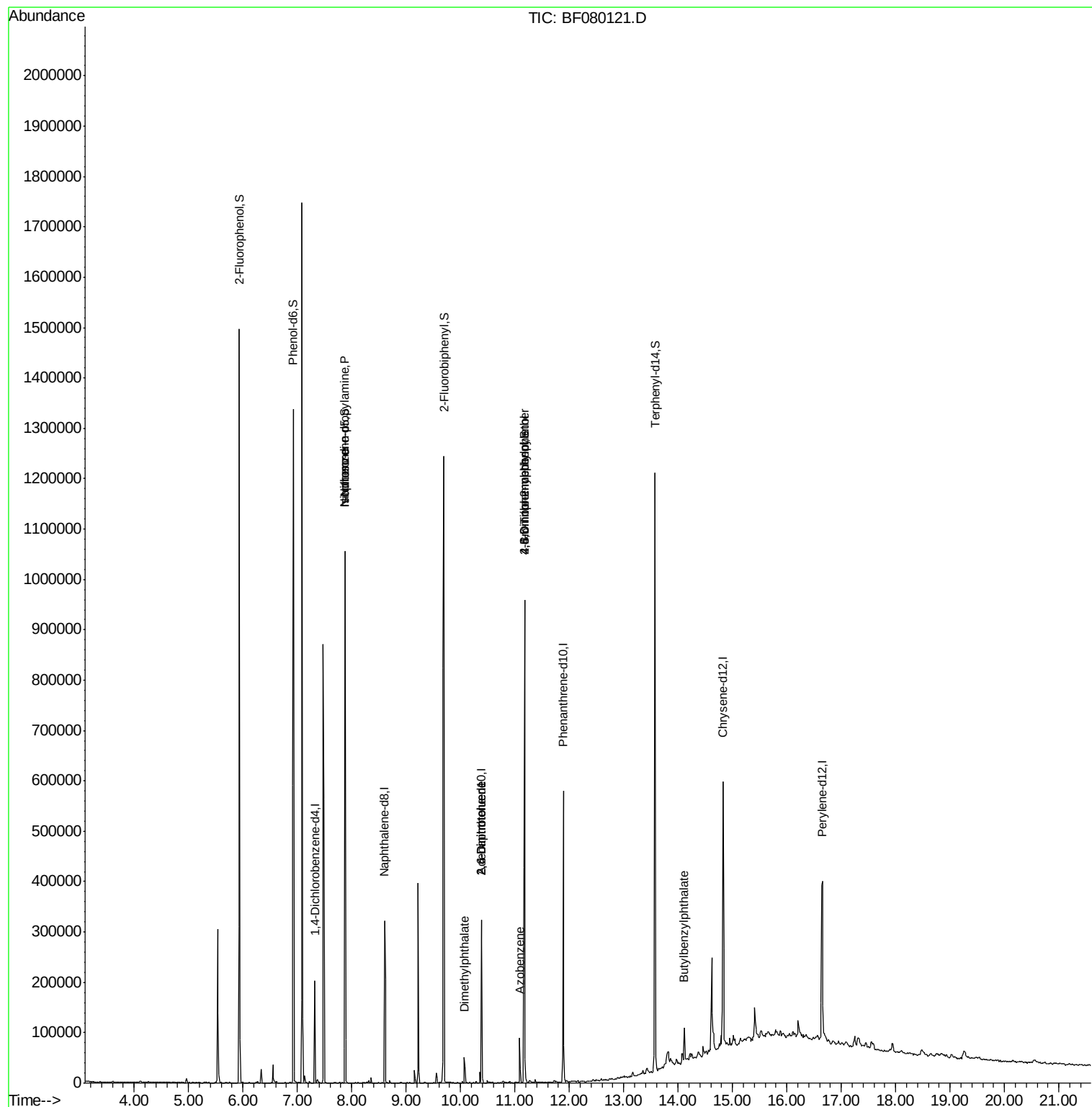
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44670	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	180222	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	91166	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	196608	20.00	ng	-0.02
75) Chrysene-d12	14.83	240	212174	20.00	ng	-0.17
86) Perylene-d12	16.65	264	210369	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	372413	147.58	ng	0.00
7) Phenol-d6	6.93	99	503662	149.99	ng	0.00
23) Nitrobenzene-d5	7.88	82	288584	93.22	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	120541	135.22	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	505781	79.12	ng	0.00
78) Terphenyl-d14	13.58	244	571268	62.88	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	38315	16.43	ng	# 61
25) Isophorone	7.88	82	288572	46.32	ng	# 58
49) Dimethylphthalate	10.07	163	26534	3.87	ng	# 96
50) 2,6-Dinitrotoluene	10.38	165	11236	8.18	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	11238	6.45	ng	# 31
62) Azobenzene	11.09	77	17626	2.51	ng	# 13
64) 4,6-Dinitro-2-methylphenol	11.18	198	272	3.82	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	8790	4.20	ng	# 1
79) Butylbenzylphthalate	14.12	149	14394	2.74	ng	91

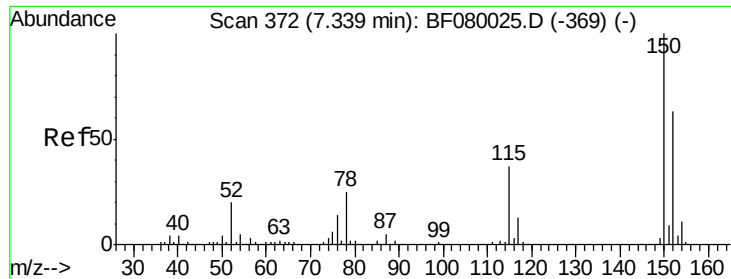
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080121.D
Acq On : 23 Jun 2015 6:17
Operator : TP/IZ
Sample : G2716-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-12

Quant Time: Jun 23 06:42:09 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

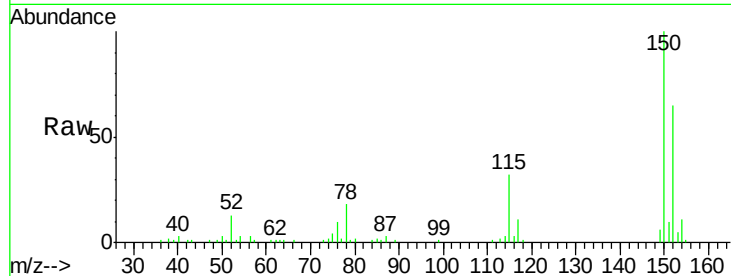




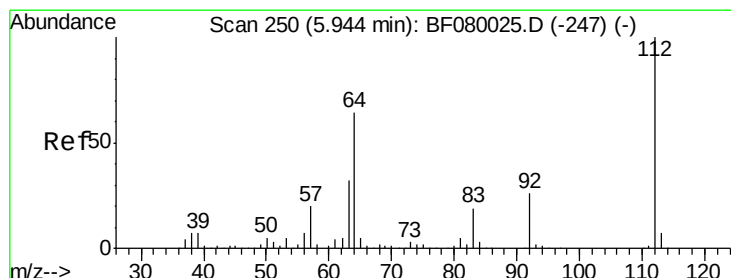
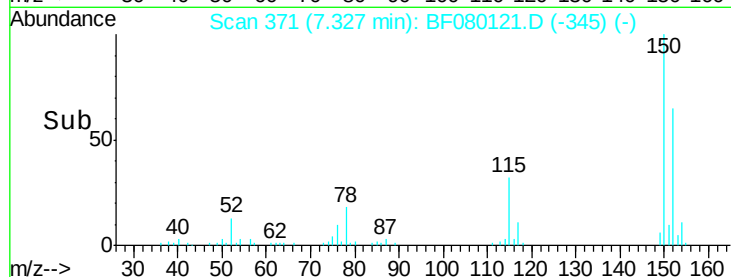
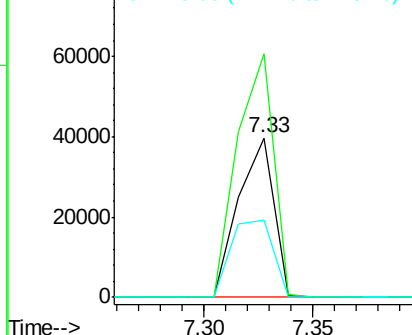
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

Tgt Ion:152 Resp: 44670
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.7 187.1
 115 48.3 39.0 58.4

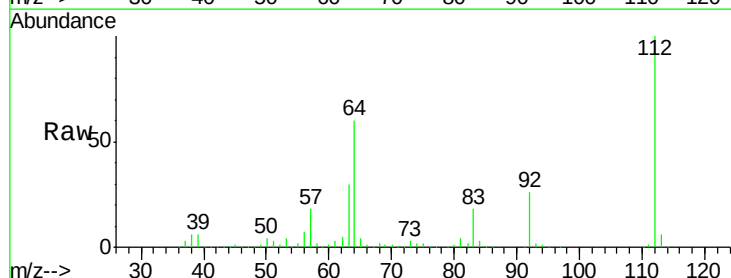


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

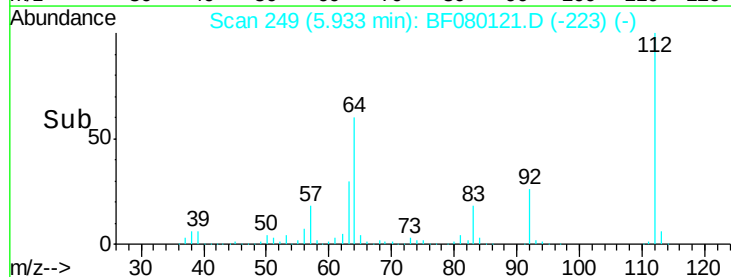
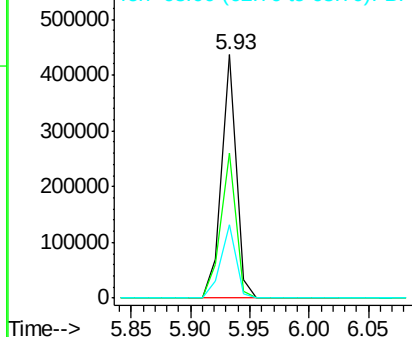


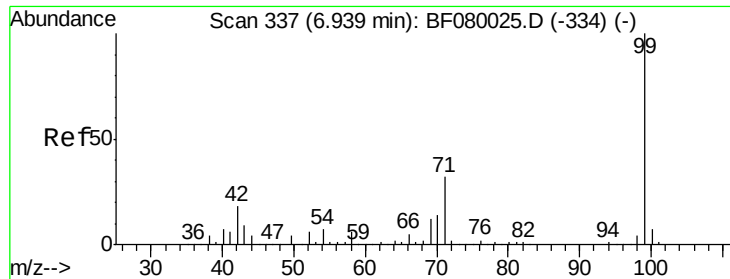
#5
 2-Fluorophenol
 Concen: 147.58 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Tgt Ion:112 Resp: 372413
 Ion Ratio Lower Upper
 112 100
 64 59.5 39.7 59.5#
 63 30.1 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: 149.99 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080121.D

Acq: 23 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-12

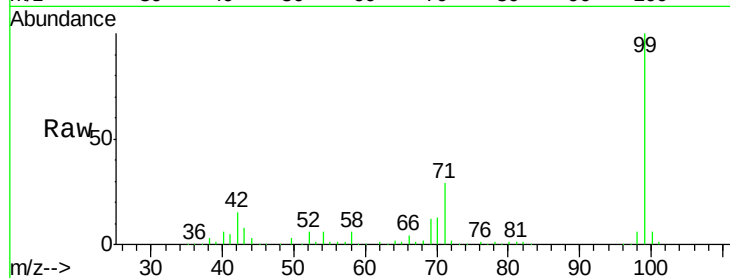
Tgt Ion: 99 Resp: 503662

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

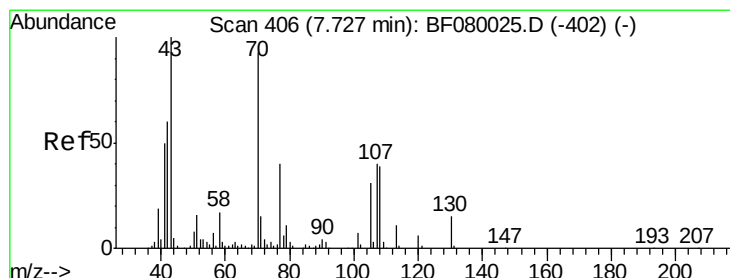
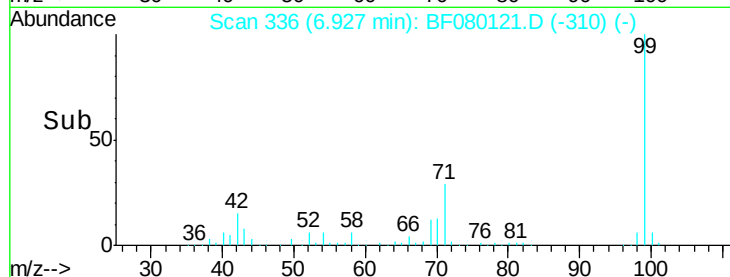
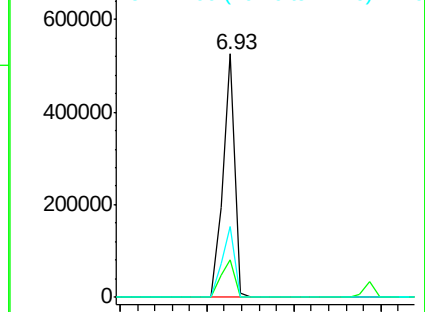
71 29.0 14.2 21.2#



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: 16.43 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080121.D

Acq: 23 Jun 2015 6:17

Tgt Ion: 70 Resp: 38315

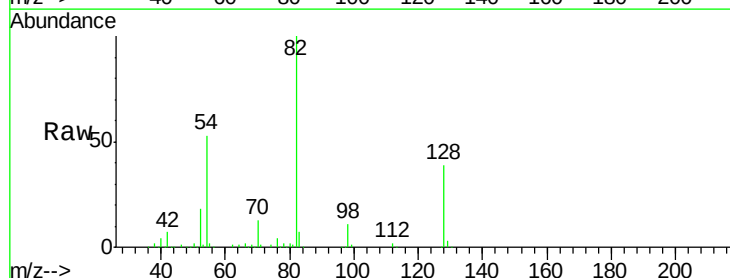
Ion Ratio Lower Upper

70 100

42 50.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

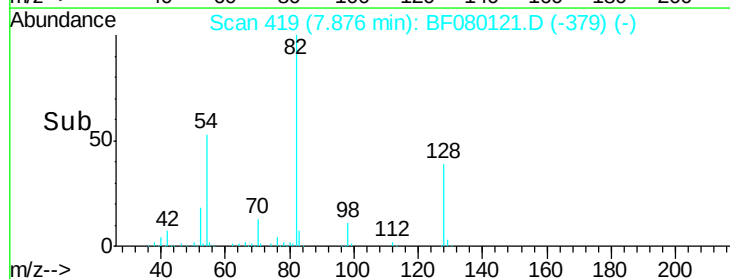
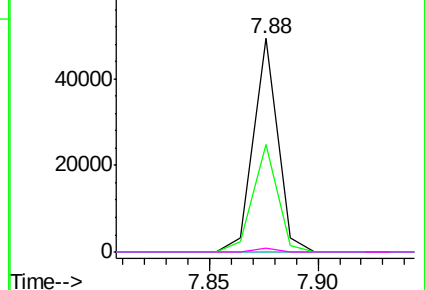


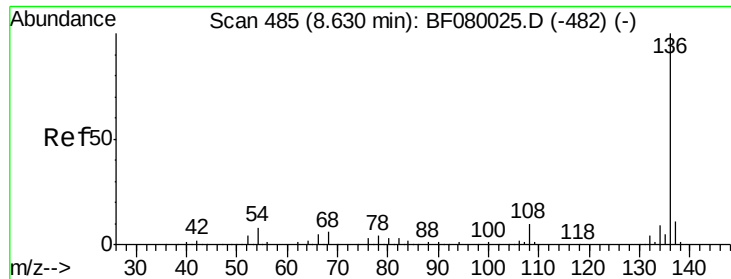
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

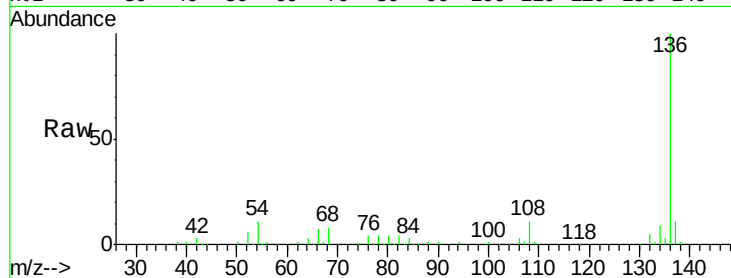




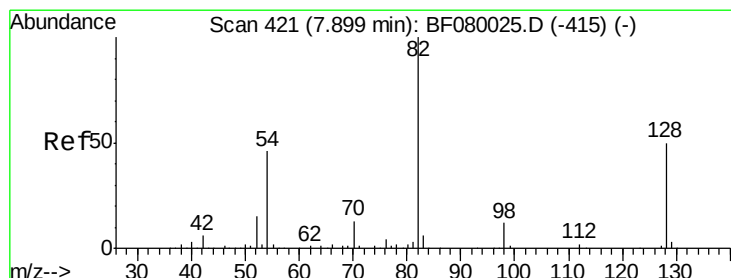
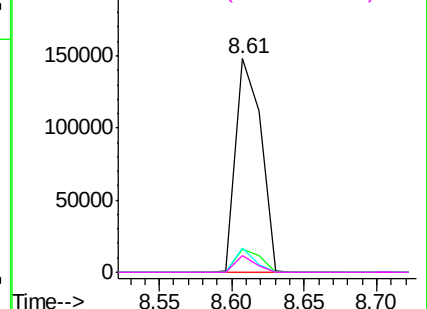
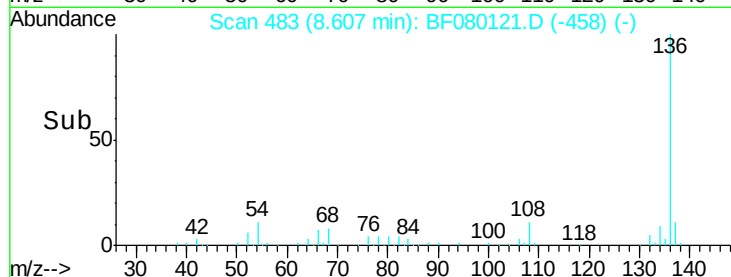
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080121.D
Acq: 23 Jun 2015 6:17

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-12

Tgt Ion:	136	Resp:	180222
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.2	8.2	12.2
68	8.0	5.8	8.6

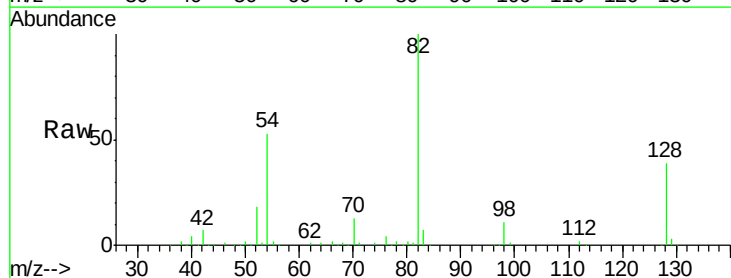


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

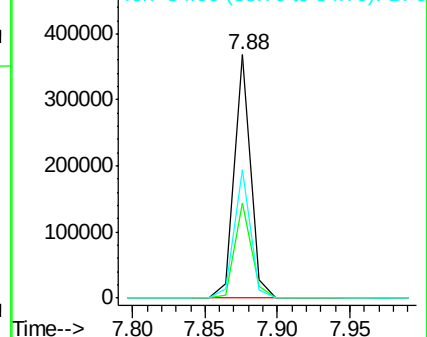
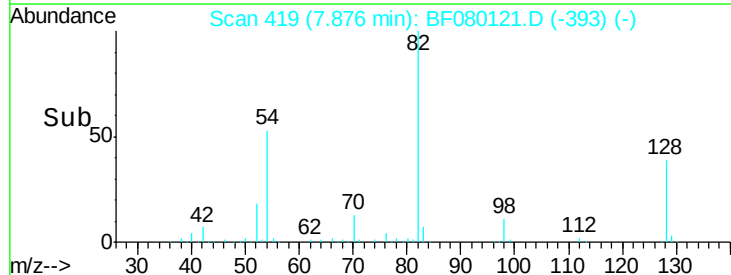


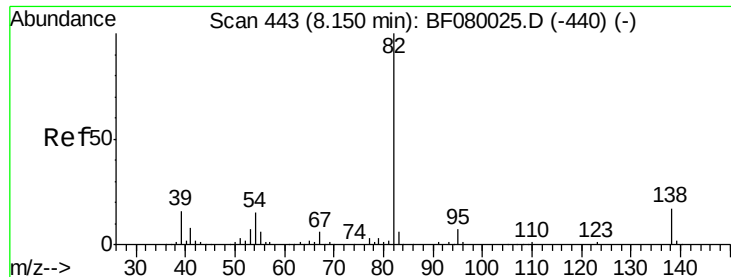
#23
Nitrobenzene-d5
Concen: 93.22 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080121.D
Acq: 23 Jun 2015 6:17

Tgt Ion:	82	Resp:	288584
Ion	Ratio	Lower	Upper
82	100		
128	39.3	51.0	76.6#
54	52.5	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: 46.32 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080121.D

Acq: 23 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-12

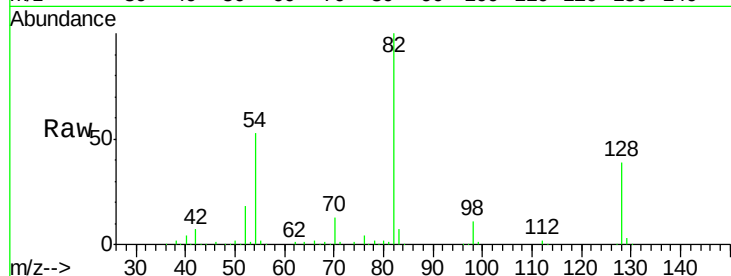
Tgt Ion: 82 Resp: 288572

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

7.88

400000

300000

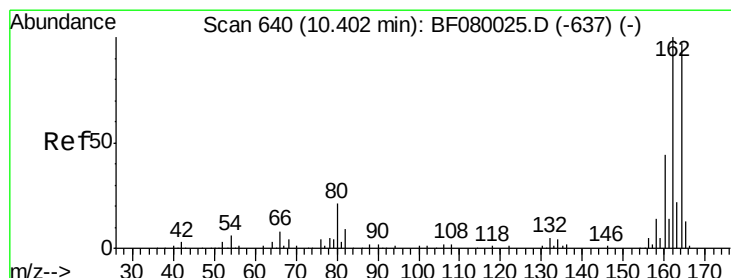
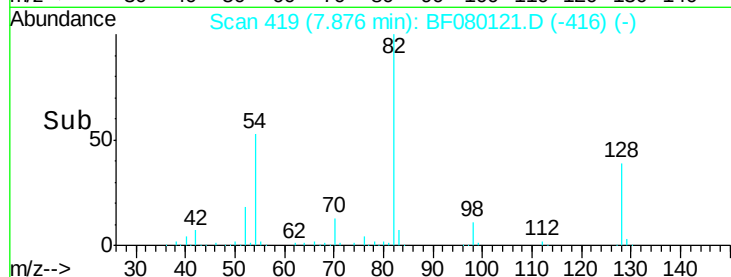
200000

100000

0

7.85 7.90 7.95

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080121.D

Acq: 23 Jun 2015 6:17

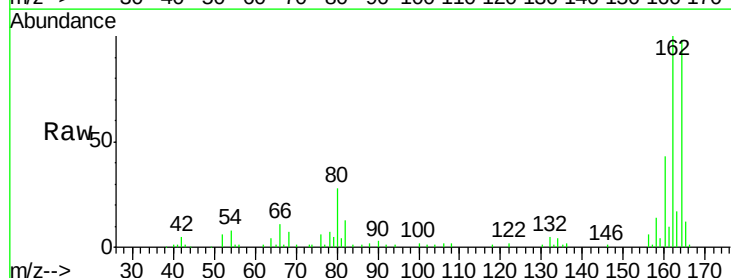
Tgt Ion: 164 Resp: 91166

Ion Ratio Lower Upper

164 100

162 101.8 75.2 112.8

160 43.6 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

10.38

80000

60000

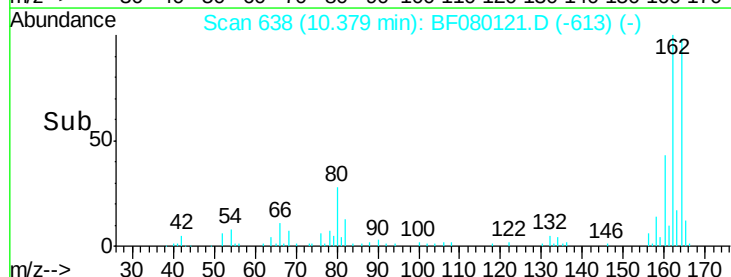
40000

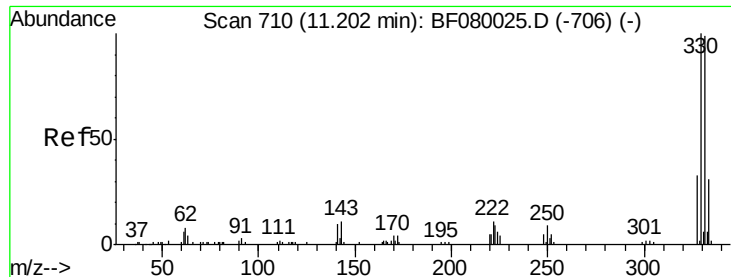
20000

0

10.35 10.40 10.45

Time-->

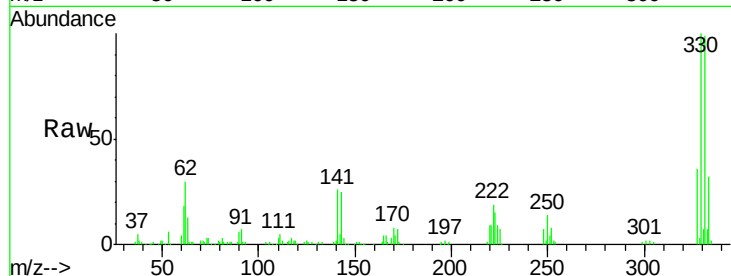




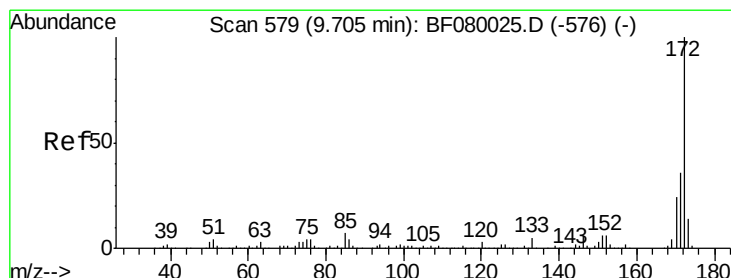
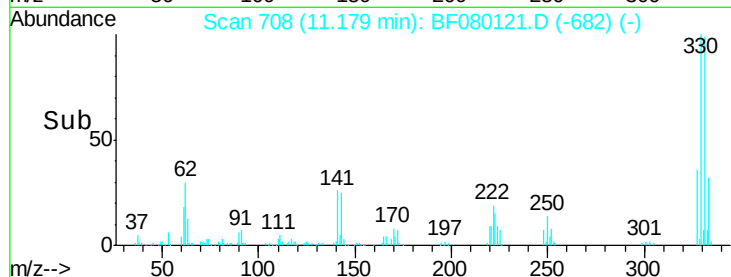
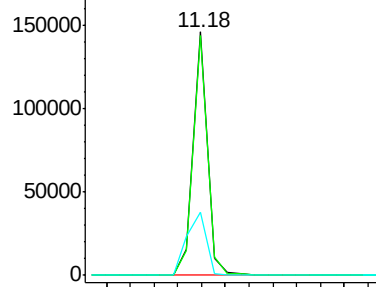
#41
 2,4,6-Tribromophenol
 Concen: 135.22 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	35.5	29.7	44.5

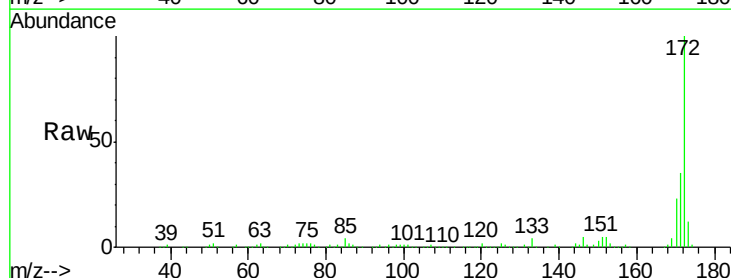


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

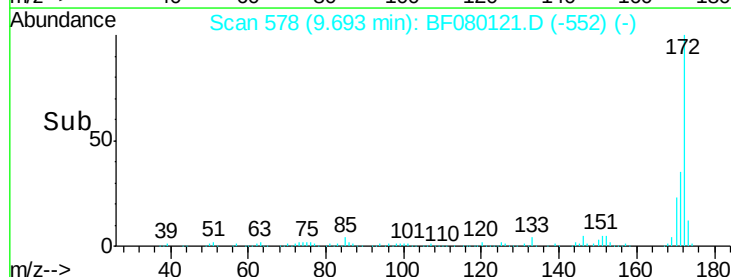
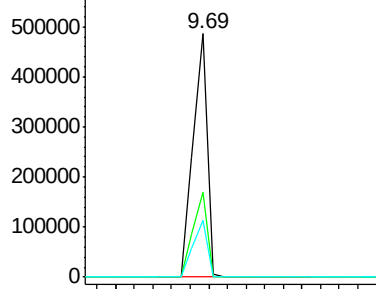


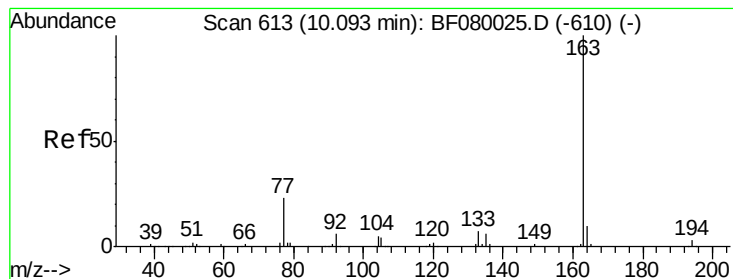
#44
 2-Fluorobiphenyl
 Concen: 79.12 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.4	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: 3.87 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080121.D

Acq: 23 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-12

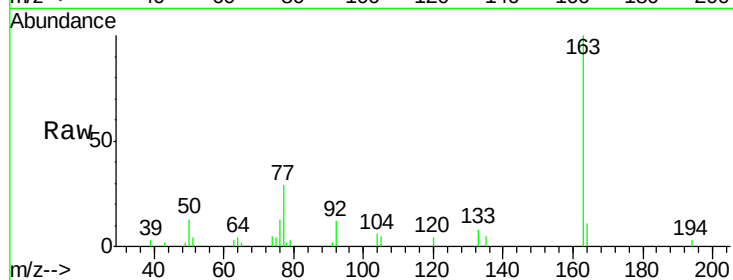
Tgt Ion:163 Resp: 26534

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

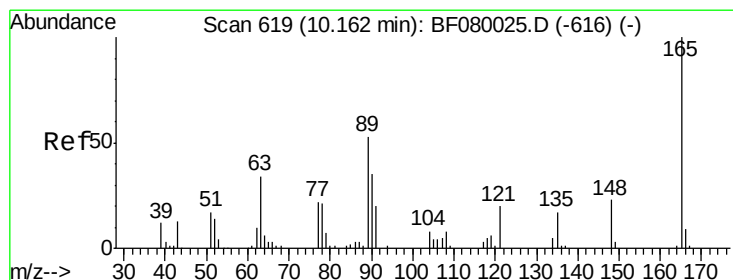
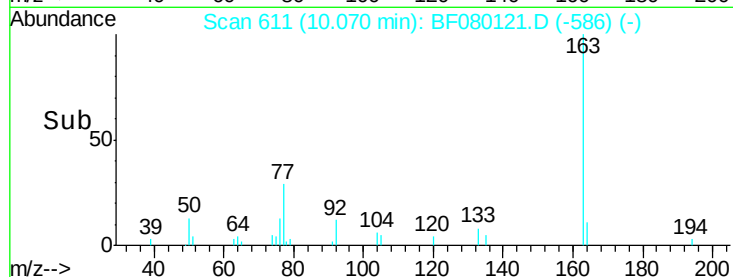
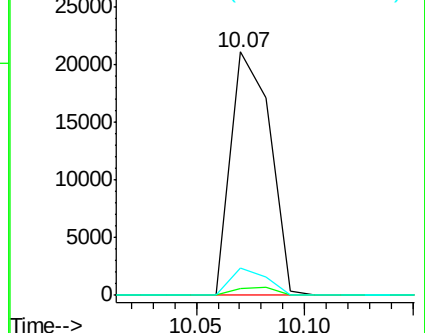
164 11.3 8.3 12.5



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: 8.18 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.23 min

Lab File: BF080121.D

Acq: 23 Jun 2015 6:17

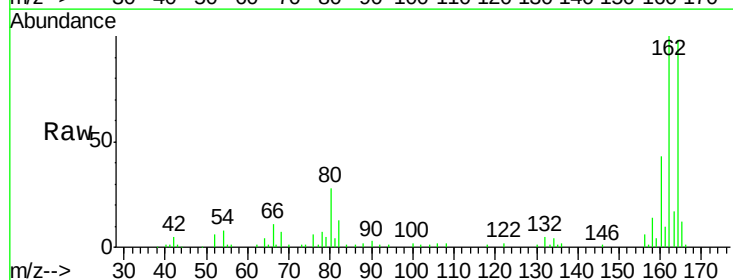
Tgt Ion:165 Resp: 11236

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

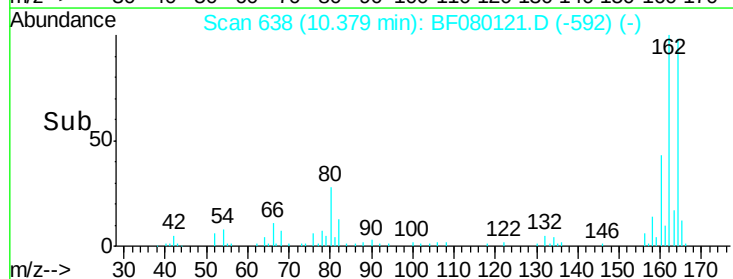
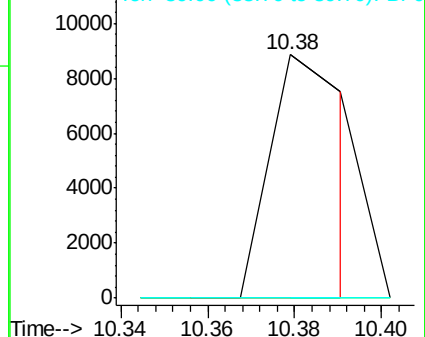
89 0.0 28.6 43.0#

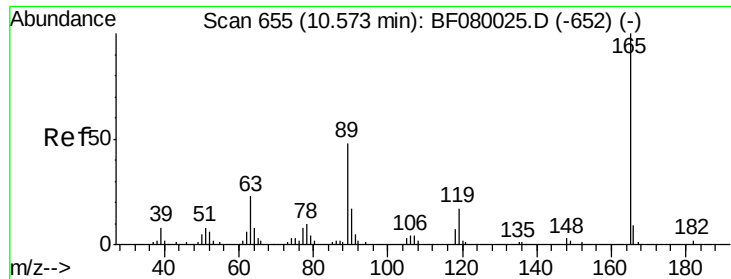


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

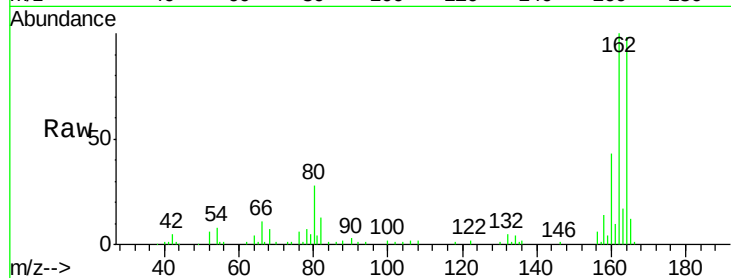




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

Tgt Ion:	165	Resp:	11238
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#

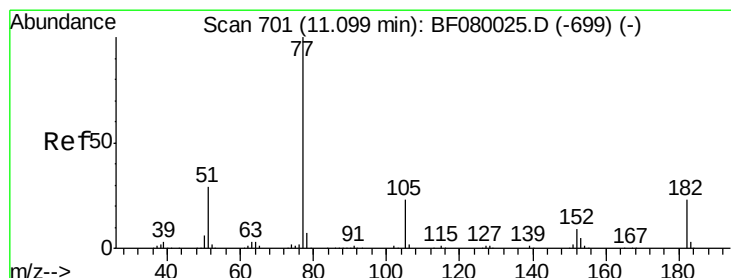
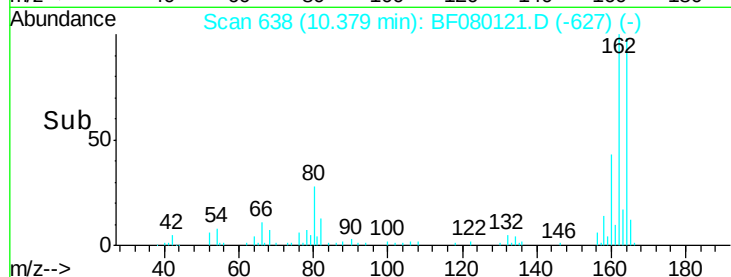
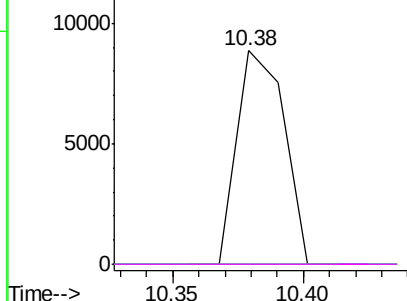


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

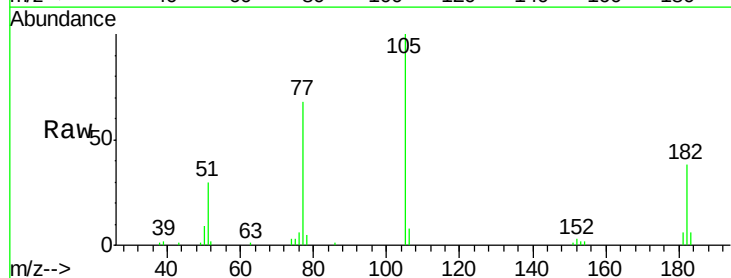
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62
 Azobenzene
 Concen: 2.51 ng
 RT: 11.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Tgt Ion:	77	Resp:	17626
Ion	Ratio	Lower	Upper
77	100		
182	56.1	15.1	55.1#
105	146.5	3.4	43.4#
51	44.5	12.0	52.0

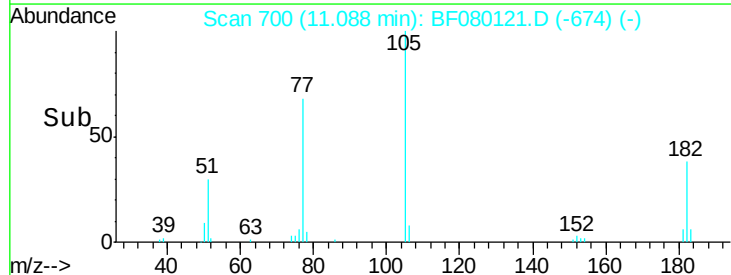
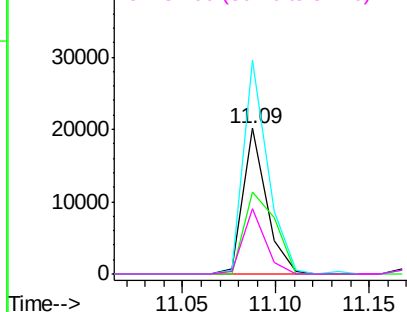


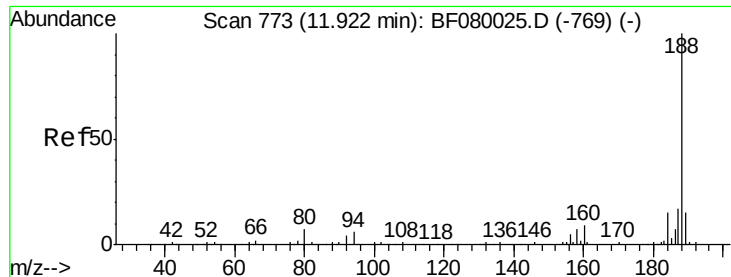
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

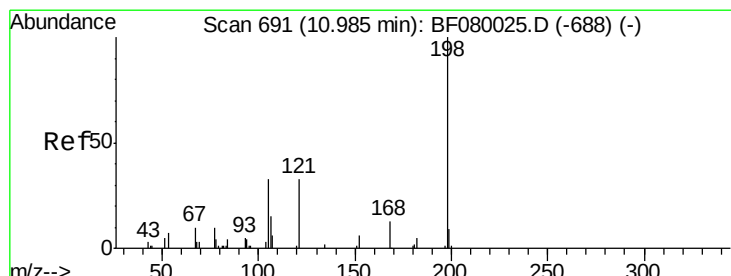
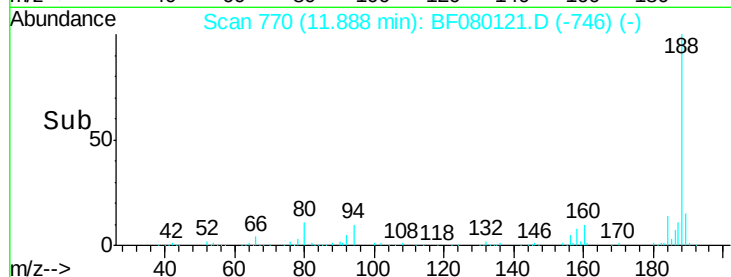
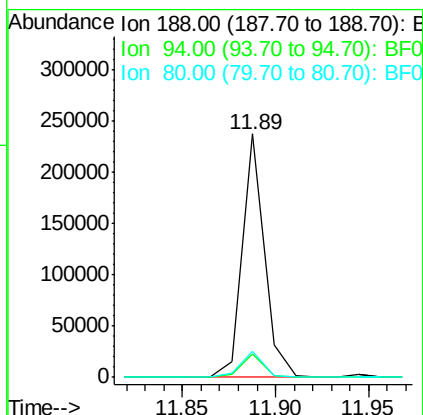
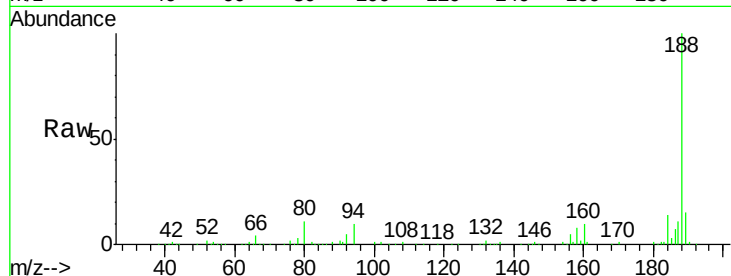




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

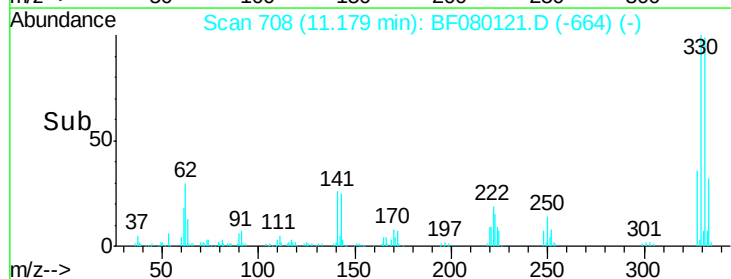
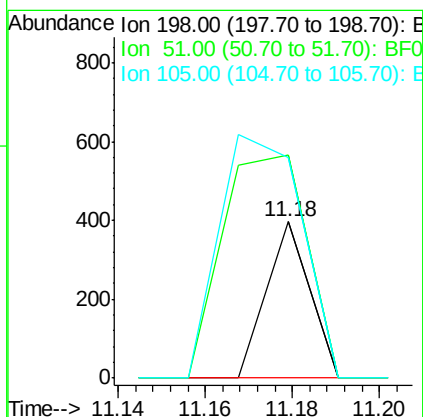
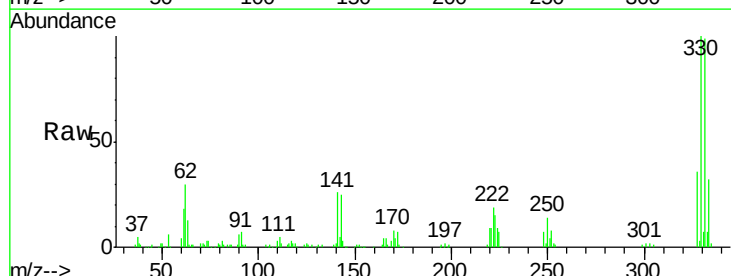
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

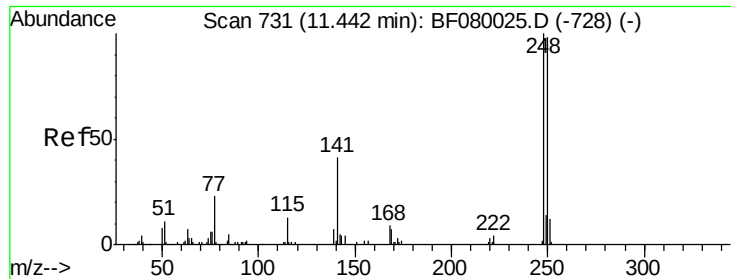
Tgt Ion:188 Resp: 196608
 Ion Ratio Lower Upper
 188 100
 94 9.6 11.1 16.7#
 80 10.5 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.82 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.21 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Tgt Ion:198 Resp: 272
 Ion Ratio Lower Upper
 198 100
 51 142.7 39.6 79.6#
 105 141.4 28.5 68.5#

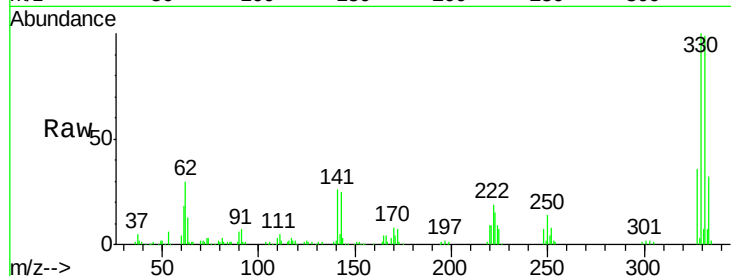




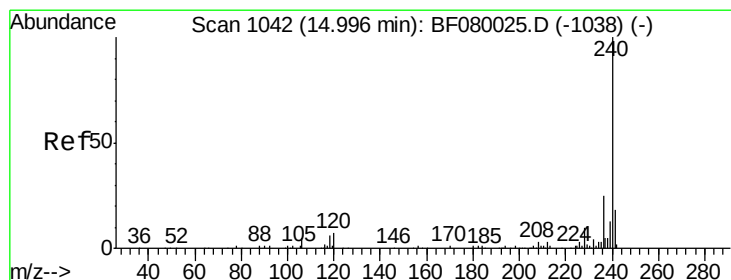
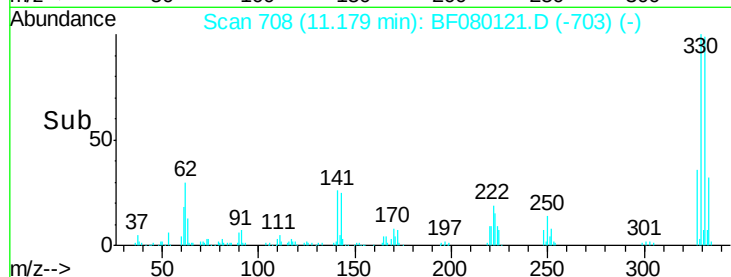
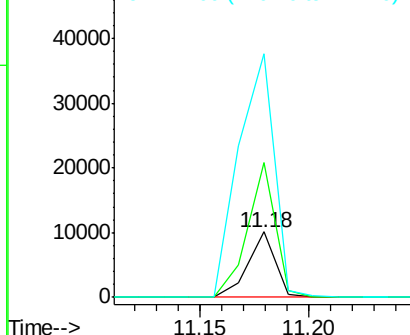
#66
 4-Bromophenyl-phenylether
 Concen: 4.20 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

Tgt Ion: 248 Resp: 8790
 Ion Ratio Lower Upper
 248 100
 250 204.6 78.5 117.7#
 141 370.9 59.0 88.6#

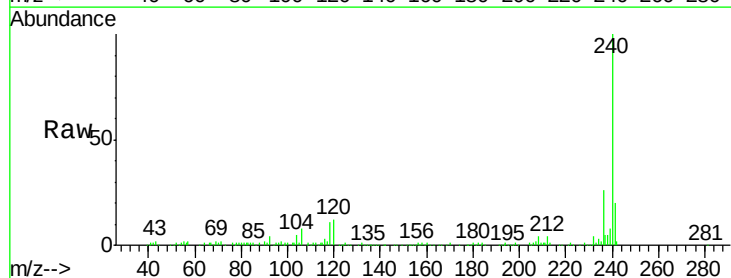


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

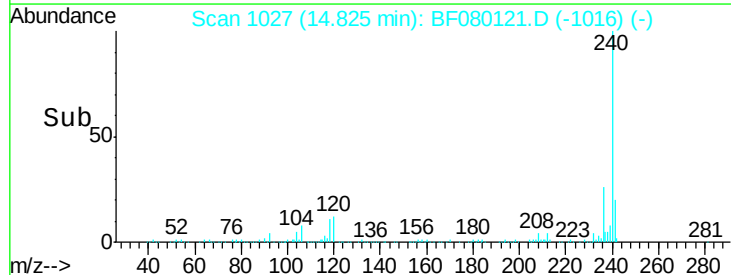
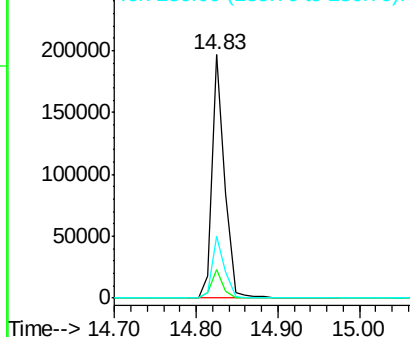


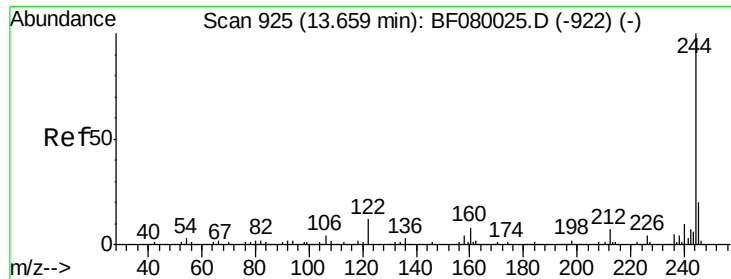
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. -0.17 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Tgt Ion: 240 Resp: 212174
 Ion Ratio Lower Upper
 240 100
 120 11.9 16.2 24.2#
 236 25.6 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

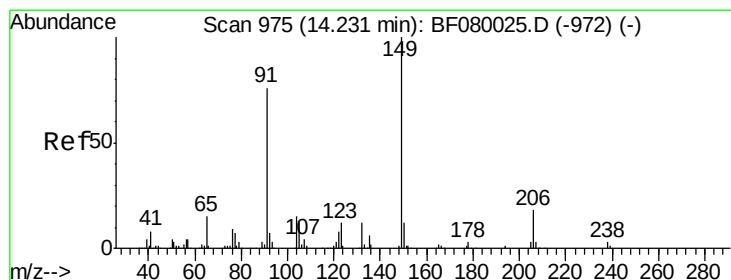
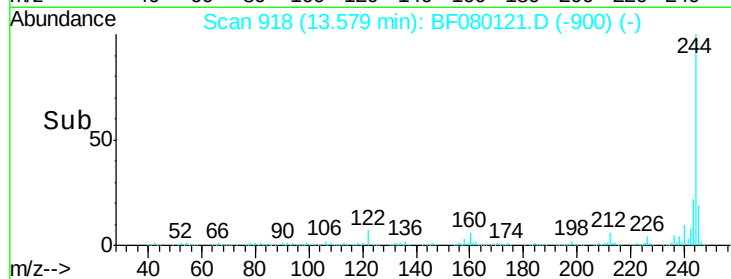
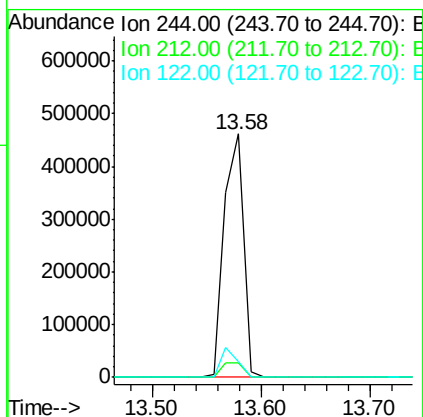
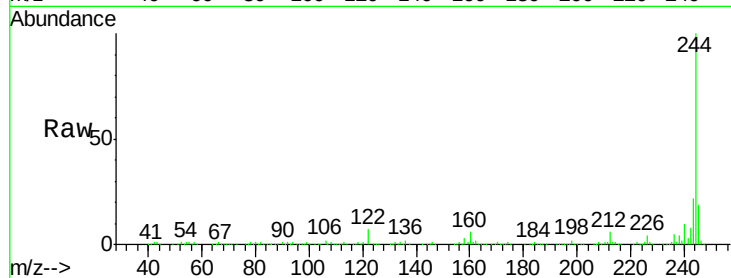




#78
 Terphenyl-d14
 Concen: 62.88 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.09 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

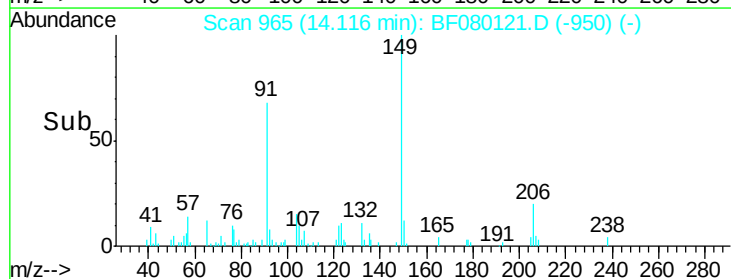
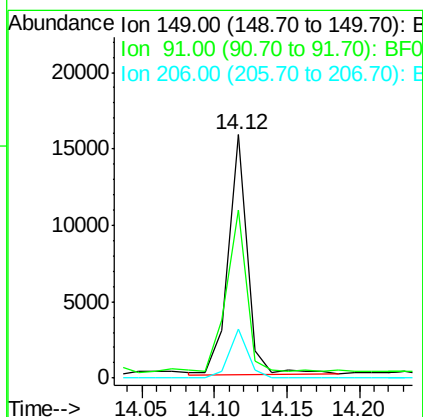
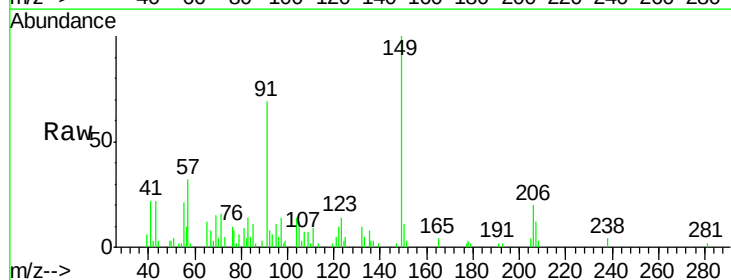
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-12

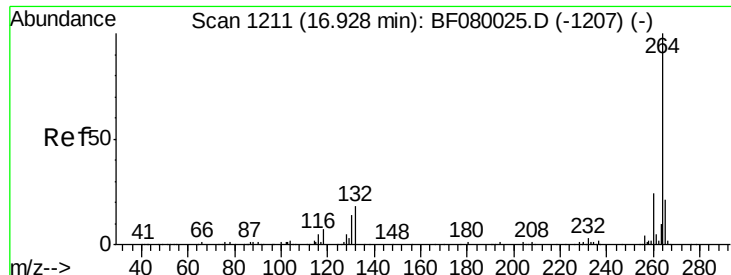
Tgt Ion: 244 Resp: 571268
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.3 6.5
 122 6.7 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 2.74 ng
 RT: 14.12 min Scan# 965
 Delta R.T. -0.13 min
 Lab File: BF080121.D
 Acq: 23 Jun 2015 6:17

Tgt Ion: 149 Resp: 14394
 Ion Ratio Lower Upper
 149 100
 91 69.1 48.6 72.8
 206 20.0 14.9 22.3

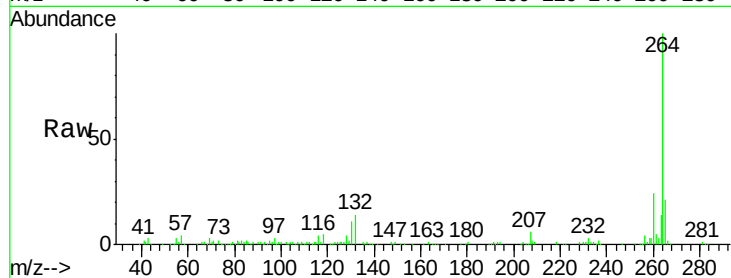




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.65 min Scan# 1187
Delta R.T. -0.27 min
Lab File: BF080121.D
Acq: 23 Jun 2015 6:17

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-12

Tgt Ion: 264 Resp: 210369
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.4 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

