

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080125.D
 Acq On : 23 Jun 2015 8:12
 Operator : TP/IZ
 Sample : G2715-01 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-1

Quant Time: Jun 23 08:58:17 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

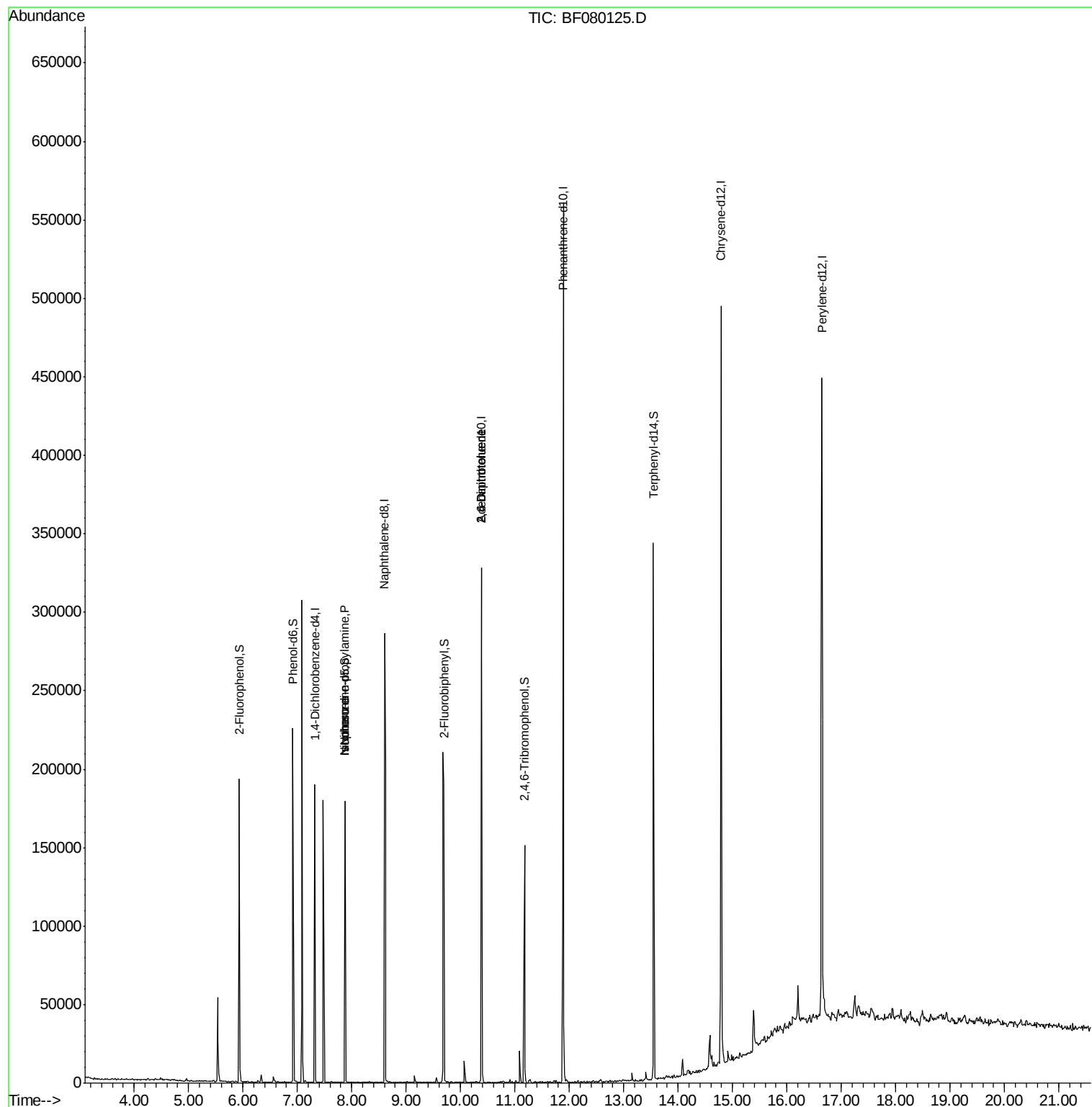
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	42005	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	168694	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	89322	20.00	ng	-0.01
63) Phenanthrene-d10	11.89	188	200828	20.00	ng	-0.02
75) Chrysene-d12	14.79	240	223617	20.00	ng	-0.21
86) Perylene-d12	16.64	264	225949	20.00	ng	-0.29
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	61934	26.10	ng	0.00
7) Phenol-d6	6.92	99	84744	26.84	ng	-0.01
23) Nitrobenzene-d5	7.88	82	50593	17.46	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	21937	25.12	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	101116	16.14	ng	0.00
78) Terphenyl-d14	13.54	244	126241	13.18	ng	-0.13
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	6279	2.86	ng	# 58
25) Isophorone	7.88	82	50602	8.68	ng	# 58
50) 2,6-Dinitrotoluene	10.38	165	11506	8.55	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	11508	6.74	ng	# 31

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

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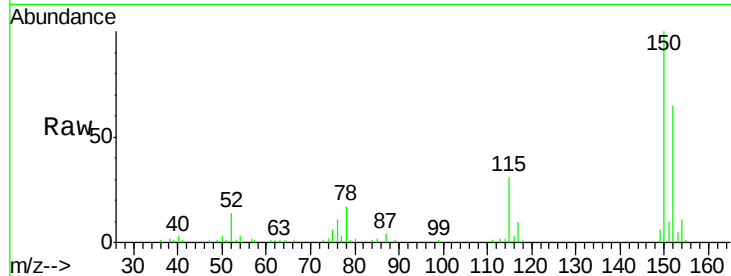




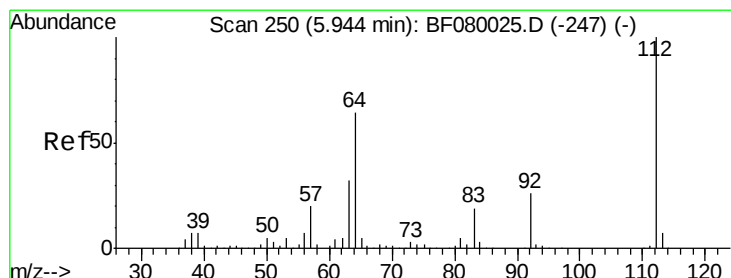
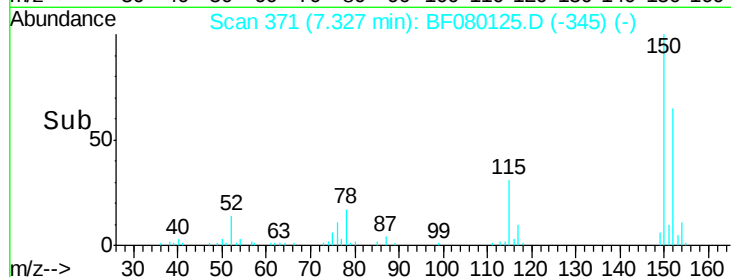
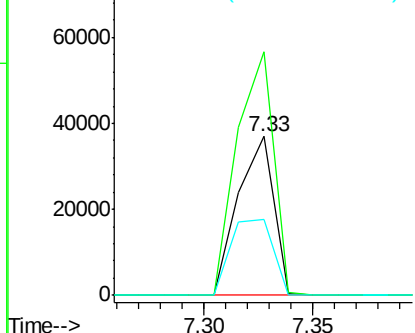
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080125.D
 Acq: 23 Jun 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-1

Tgt Ion:152 Resp: 42005
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 48.2 39.0 58.4

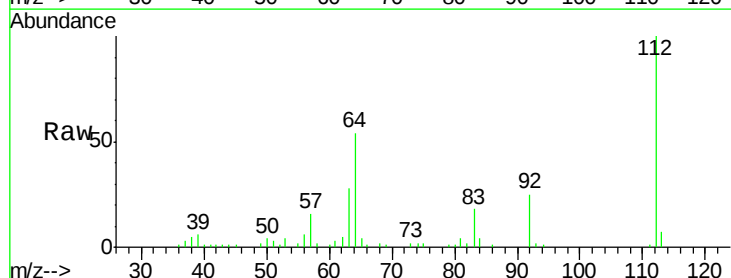


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

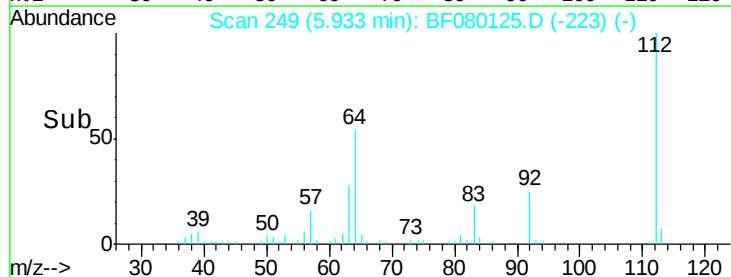
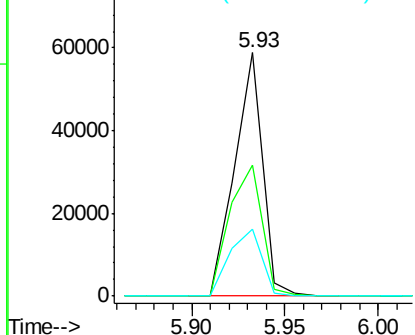


#5
 2-Fluorophenol
 Concen: 26.10 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080125.D
 Acq: 23 Jun 2015 8:12

Tgt Ion:112 Resp: 61934
 Ion Ratio Lower Upper
 112 100
 64 54.0 39.7 59.5
 63 27.6 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: 26.84 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-1

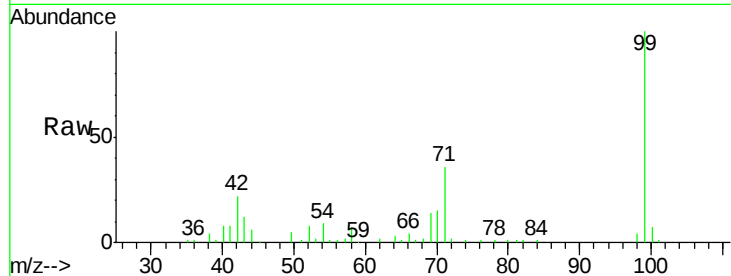
Tgt Ion: 99 Resp: 84744

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

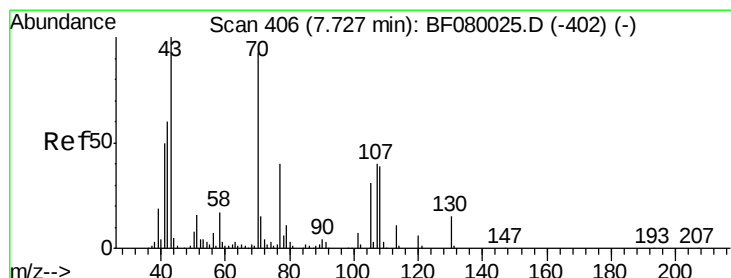
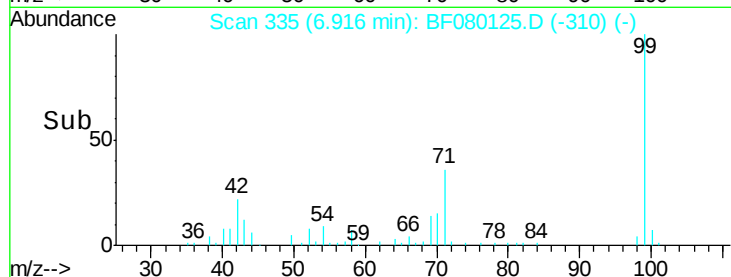
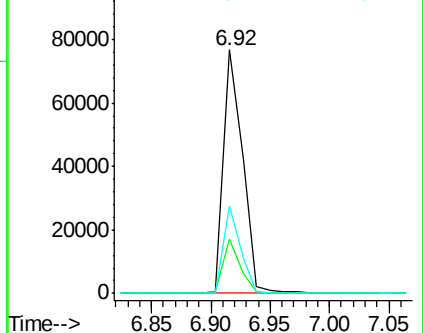
71 35.8 14.2 21.2#



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: 2.86 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

Tgt Ion: 70 Resp: 6279

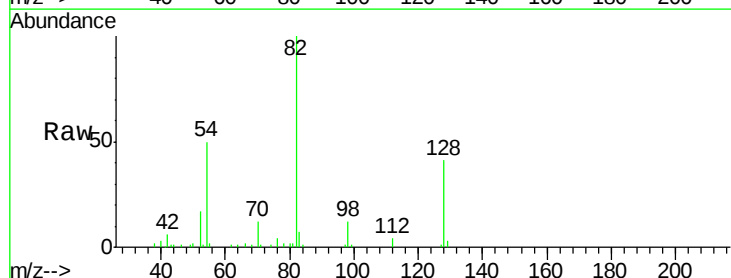
Ion Ratio Lower Upper

70 100

42 48.3 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

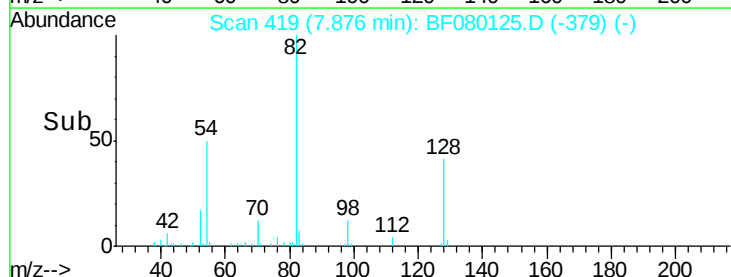
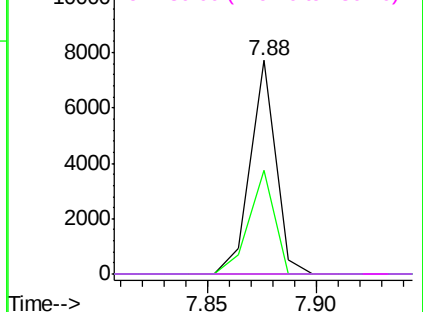


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

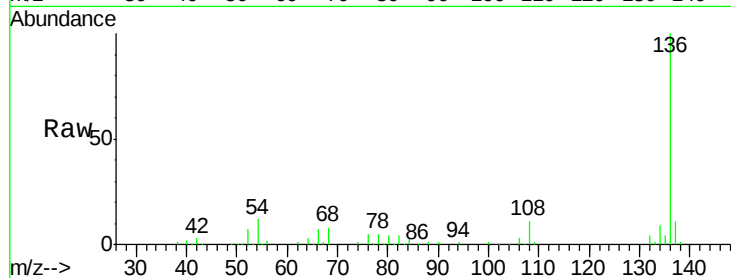




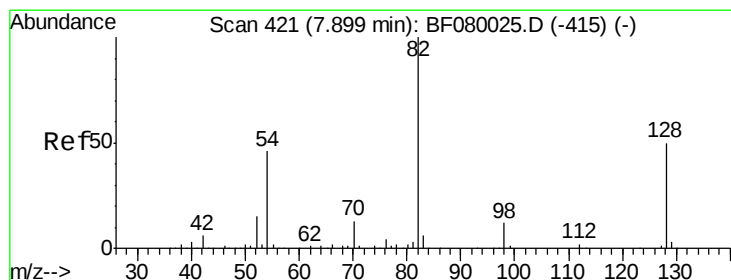
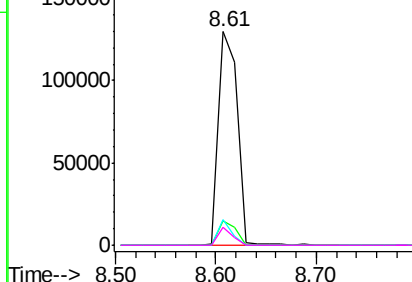
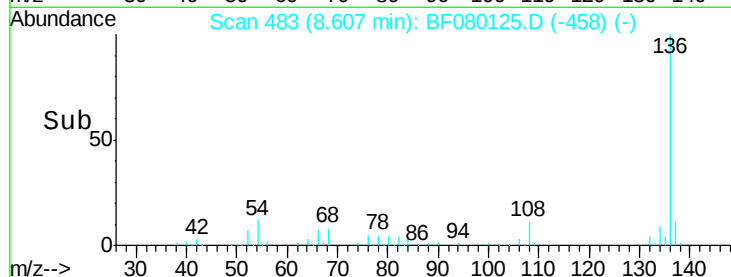
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080125.D
Acq: 23 Jun 2015 8:12

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-1

Tgt Ion:	136	Resp:	168694
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.8	8.2	12.2
68	8.4	5.8	8.6

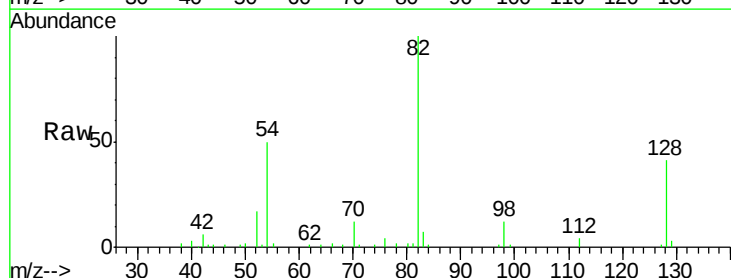


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

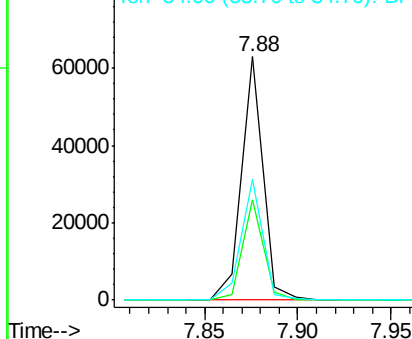
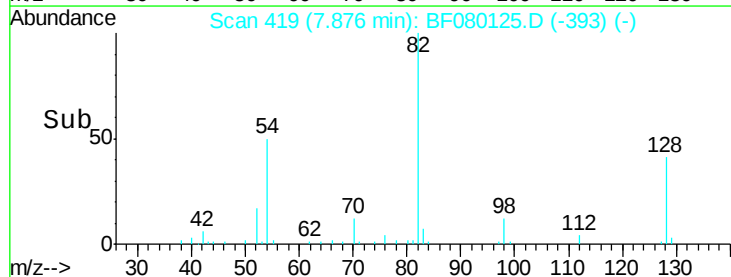


#23
Nitrobenzene-d5
Concen: 17.46 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080125.D
Acq: 23 Jun 2015 8:12

Tgt Ion:	82	Resp:	50593
Ion	Ratio	Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	49.7	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: 8.68 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-1

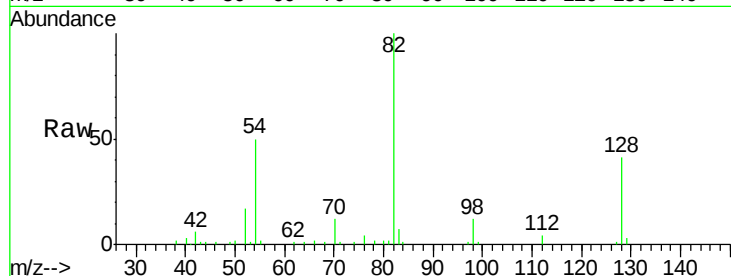
Tgt Ion: 82 Resp: 50602

Ion Ratio Lower Upper

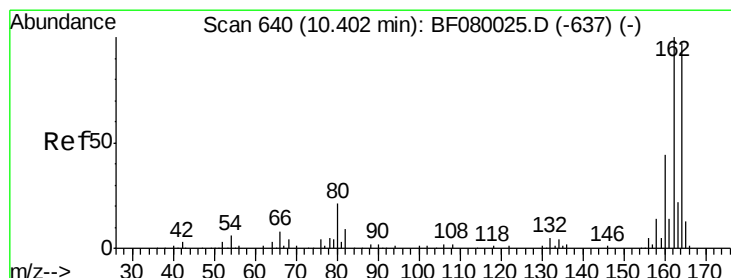
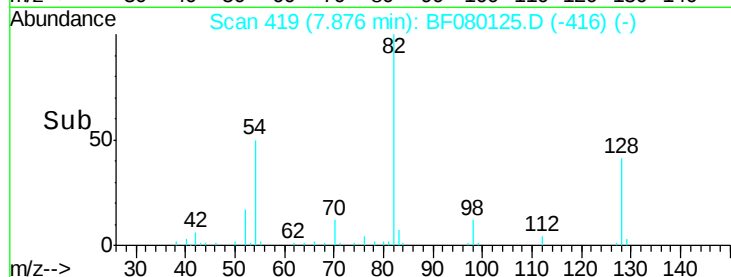
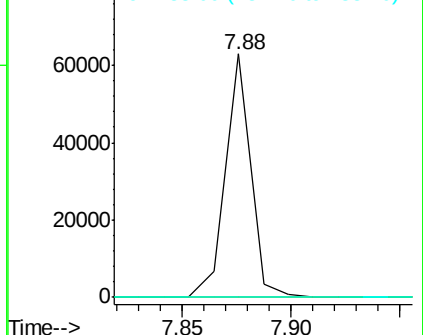
82 100

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: BF080125.D

Acq: 23 Jun 2015 8:12

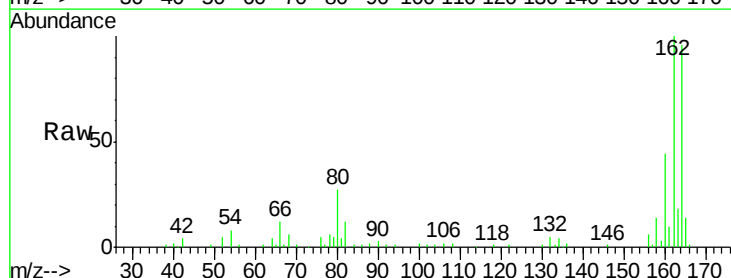
Tgt Ion: 164 Resp: 89322

Ion Ratio Lower Upper

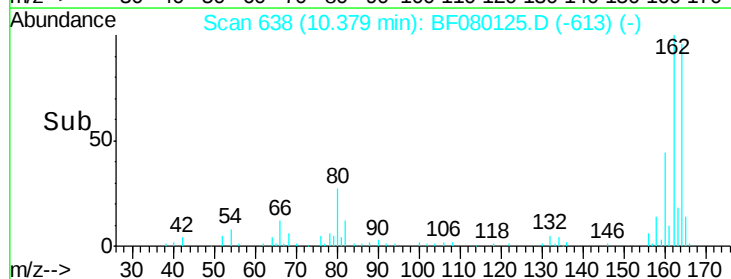
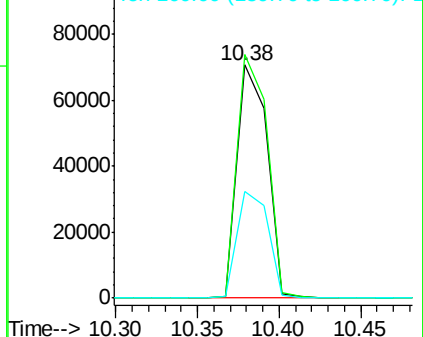
164 100

162 104.4 75.2 112.8

160 45.9 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

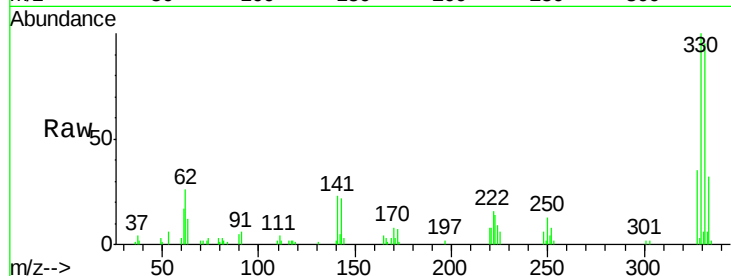




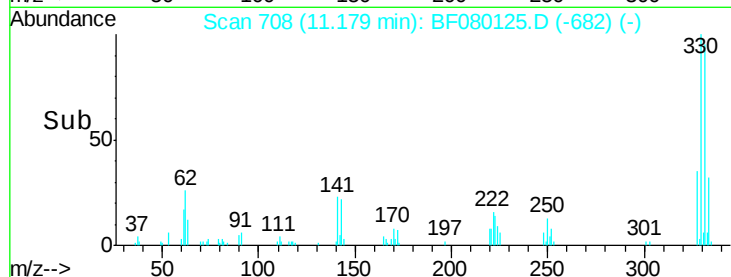
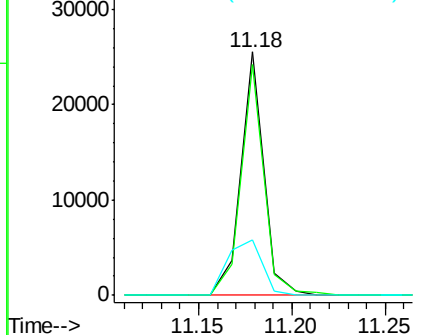
#41
 2,4,6-Tribromophenol
 Concen: 25.12 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080125.D
 Acq: 23 Jun 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-1

Tgt Ion:330 Resp: 21937
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 34.3 29.7 44.5

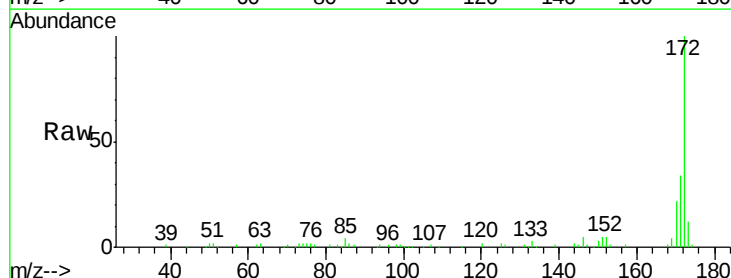


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

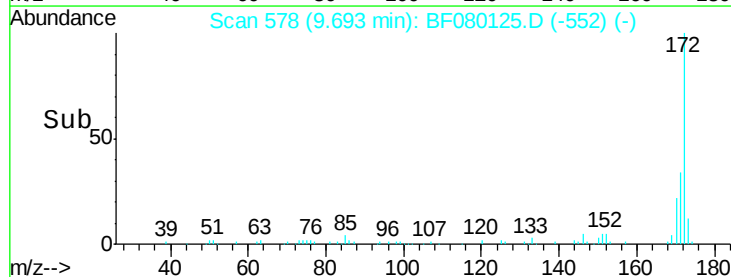
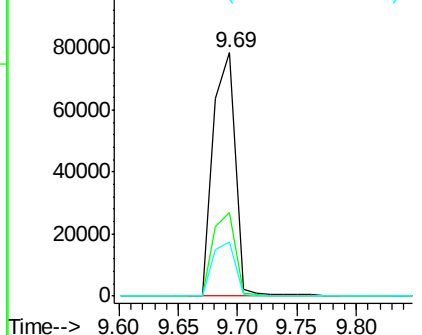


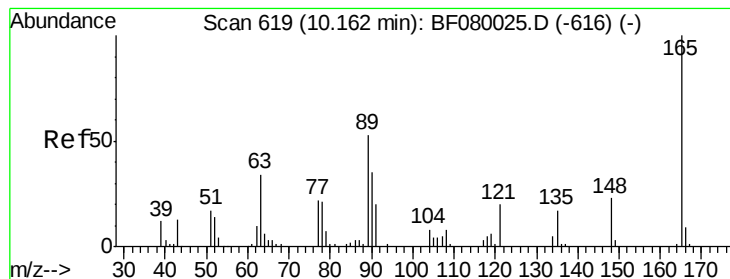
#44
 2-Fluorobiphenyl
 Concen: 16.14 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080125.D
 Acq: 23 Jun 2015 8:12

Tgt Ion:172 Resp: 101116
 Ion Ratio Lower Upper
 172 100
 171 34.1 26.1 39.1
 170 22.2 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: 8.55 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.23 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-1

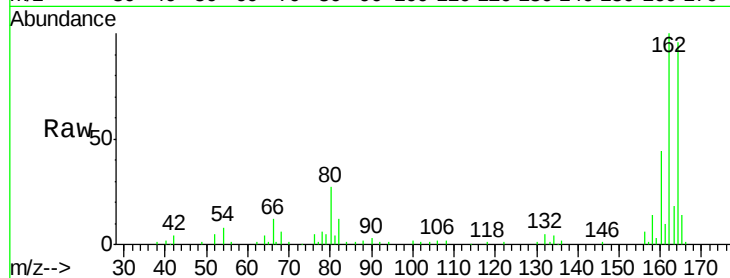
Tgt Ion:165 Resp: 11506

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

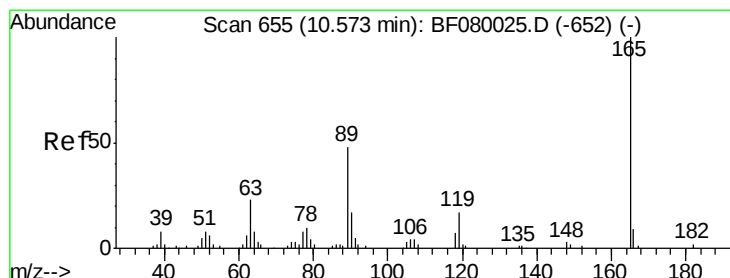
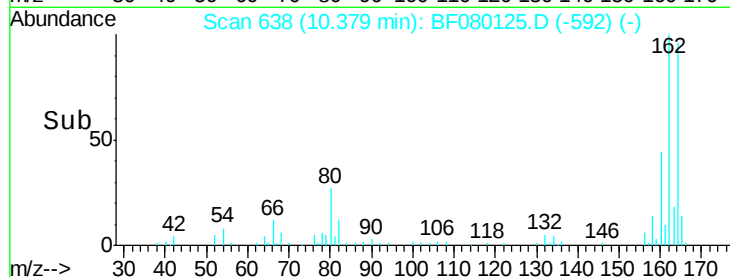
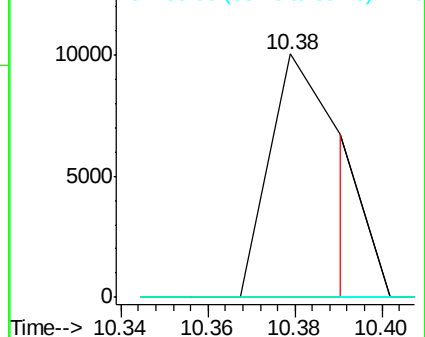
89 0.0 28.6 43.0#



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: 6.74 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

Tgt Ion:165 Resp: 11508

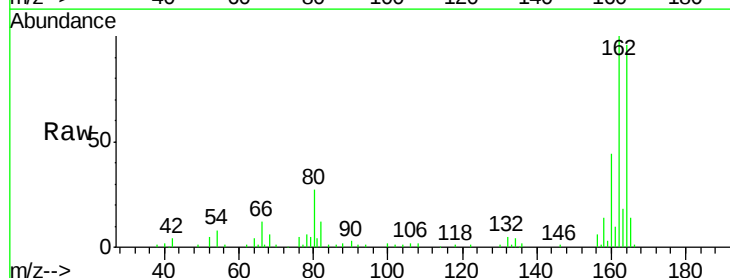
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

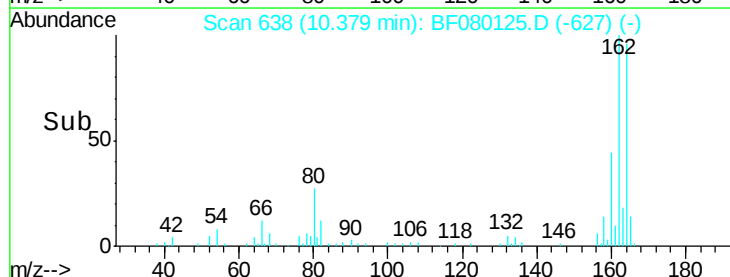
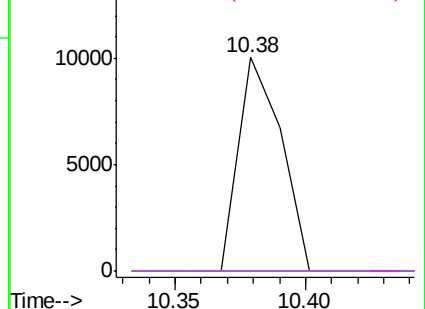


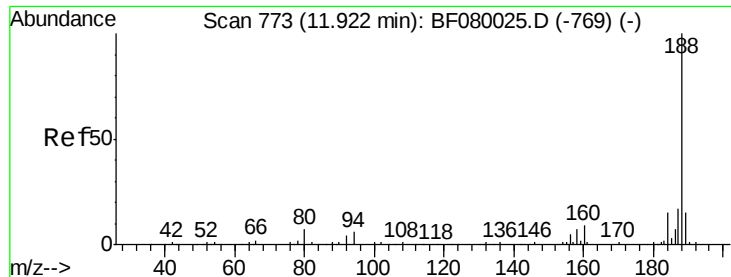
Abundance Ion 165.00 (164.70 to 165.70): E

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

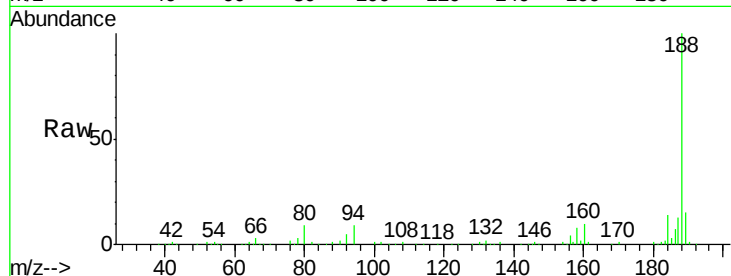




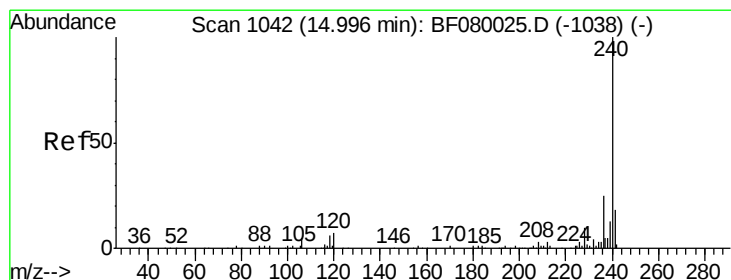
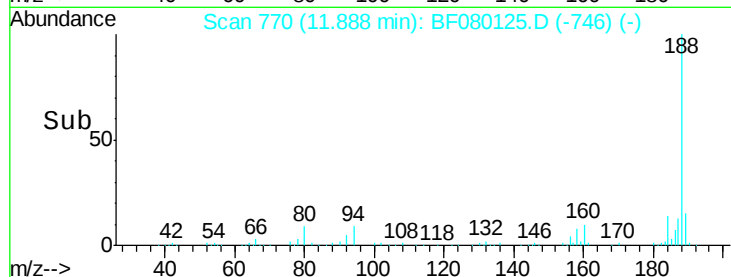
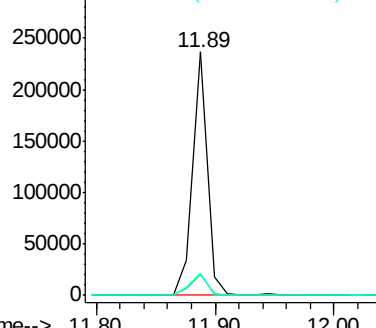
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF080125.D
Acq: 23 Jun 2015 8:12

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-1

Tgt Ion:188 Resp: 200828
Ion Ratio Lower Upper
188 100
94 8.7 11.1 16.7#
80 9.2 11.0 16.4#

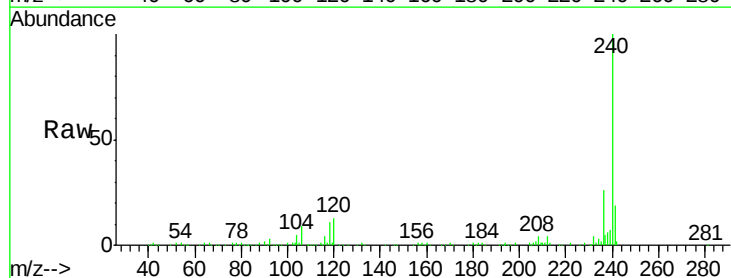


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

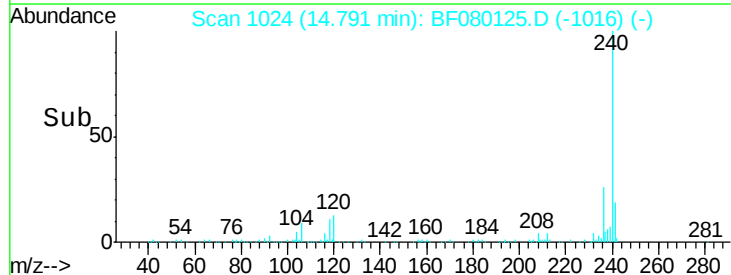
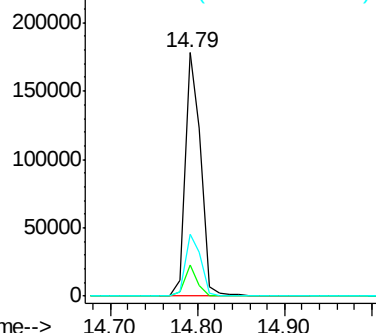


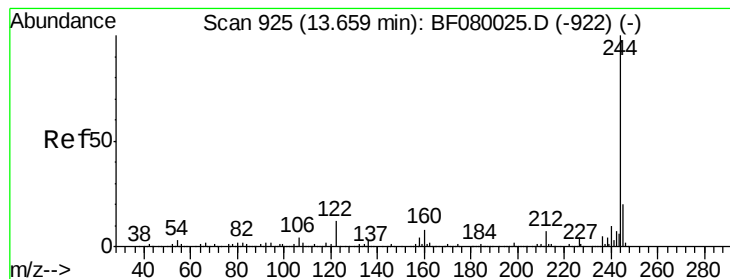
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.21 min
Lab File: BF080125.D
Acq: 23 Jun 2015 8:12

Tgt Ion:240 Resp: 223617
Ion Ratio Lower Upper
240 100
120 12.8 16.2 24.2#
236 25.5 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: 13.18 ng

RT: 13.54 min Scan# 915

Delta R.T. -0.13 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-1

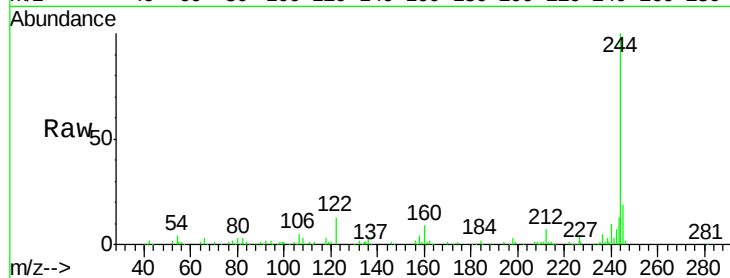
Tgt Ion:244 Resp: 126241

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

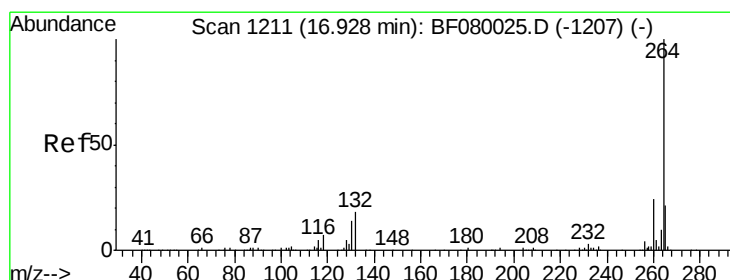
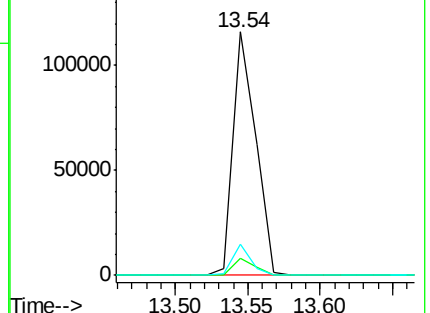
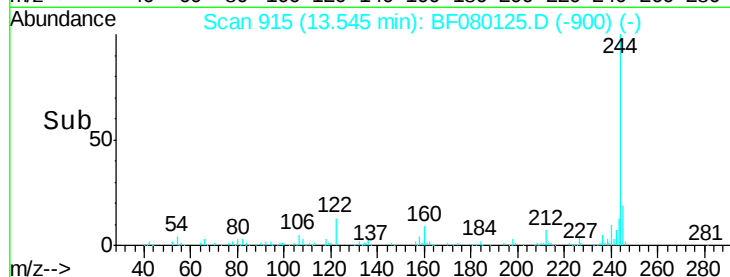
122 12.8 17.4 26.2#



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: 16.64 min Scan# 1186

Delta R.T. -0.29 min

Lab File: BF080125.D

Acq: 23 Jun 2015 8:12

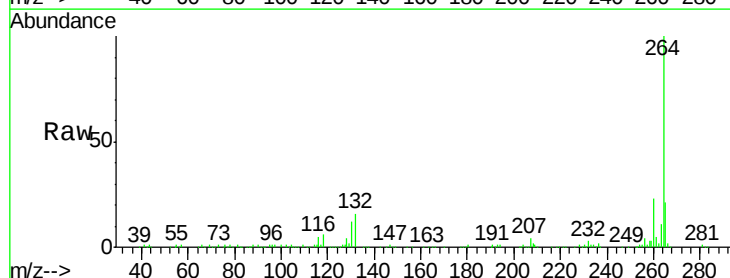
Tgt Ion:264 Resp: 225949

Ion Ratio Lower Upper

264 100

260 23.1 16.7 25.1

265 21.0 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

