

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080116.D
 Acq On : 23 Jun 2015 3:54
 Operator : TP/IZ
 Sample : G2715-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-9

Quant Time: Jun 23 05:01:06 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

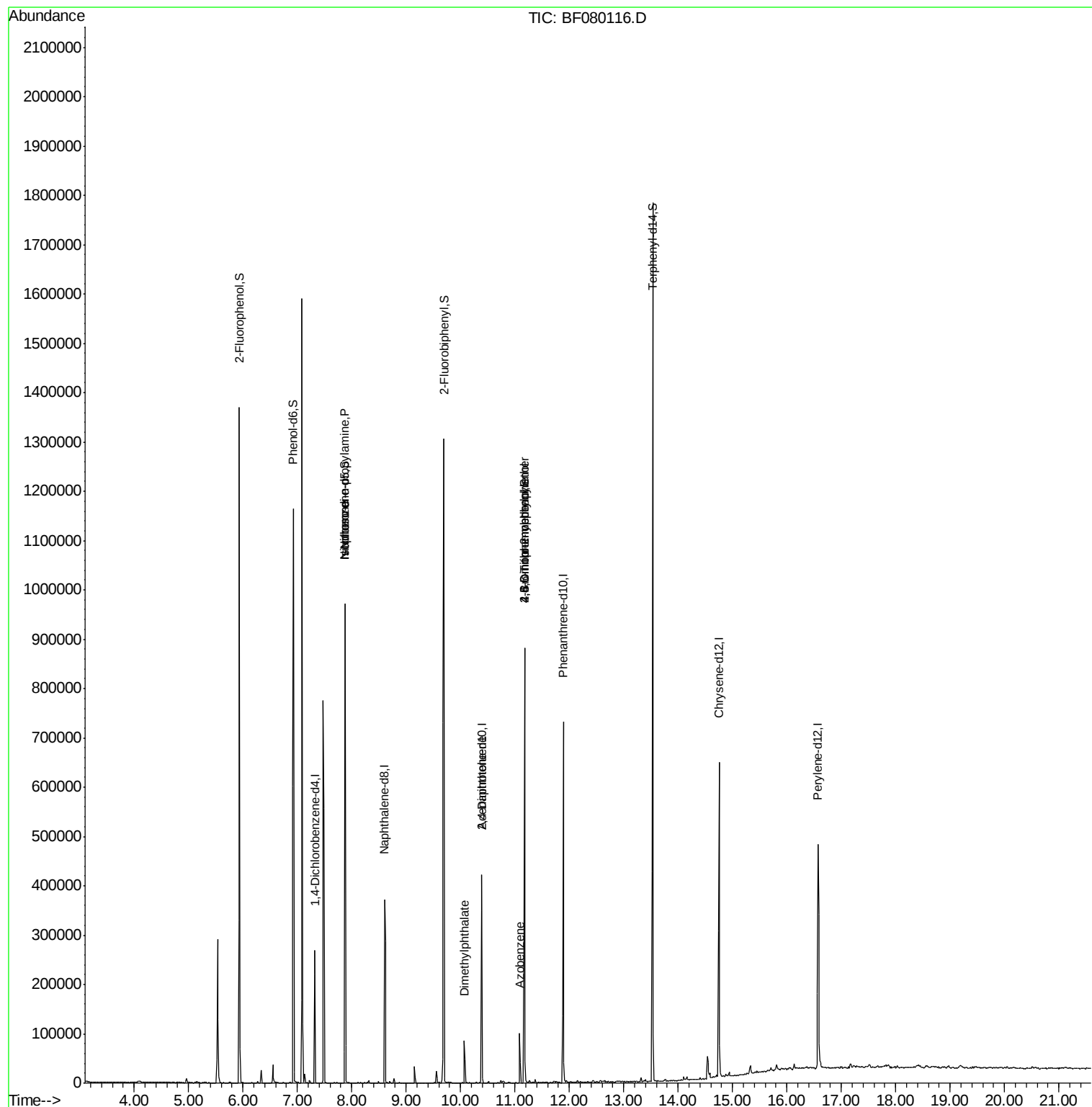
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	56725	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	222807	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	115424	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	255575	20.00	ng	-0.02
75) Chrysene-d12	14.76	240	270704	20.00	ng	-0.24
86) Perylene-d12	16.57	264	266338	20.00	ng	-0.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	348741	108.83	ng	0.00
7) Phenol-d6	6.93	99	459374	107.73	ng	0.00
23) Nitrobenzene-d5	7.88	82	263488	68.85	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	108309	95.96	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	499177	61.67	ng	0.00
78) Terphenyl-d14	13.53	244	565337	48.77	ng	-0.14
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	35137	11.87	ng	# 60
25) Isophorone	7.88	82	263475	34.21	ng	# 58
49) Dimethylphthalate	10.07	163	42607	4.91	ng	# 97
56) 2,4-Dinitrotoluene	10.39	165	14352	6.50	ng	# 31
62) Azobenzene	11.09	77	21817	2.45	ng	# 21
64) 4,6-Dinitro-2-methylphenol	11.18	198	210	3.68	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	7779	2.86	ng	# 1

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

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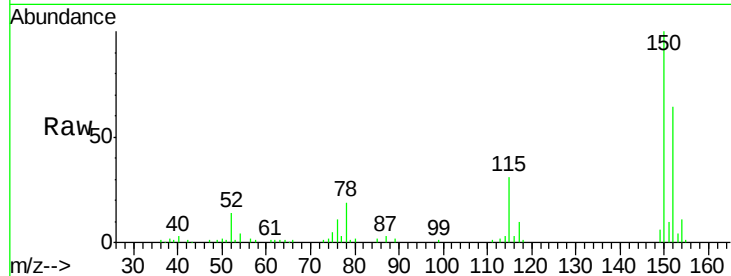


#1

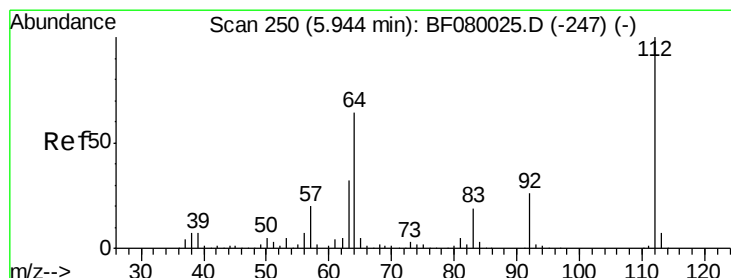
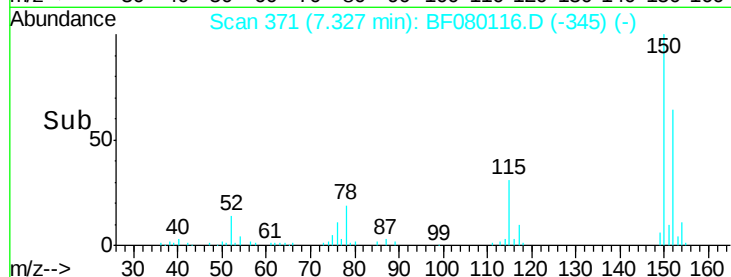
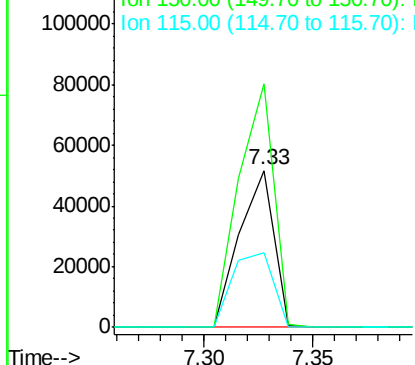
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-9

Tgt Ion:152 Resp: 56725
Ion Ratio Lower Upper
152 100
150 155.3 124.7 187.1
115 47.8 39.0 58.4



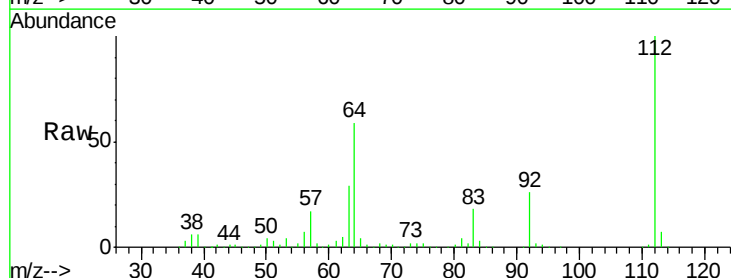
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



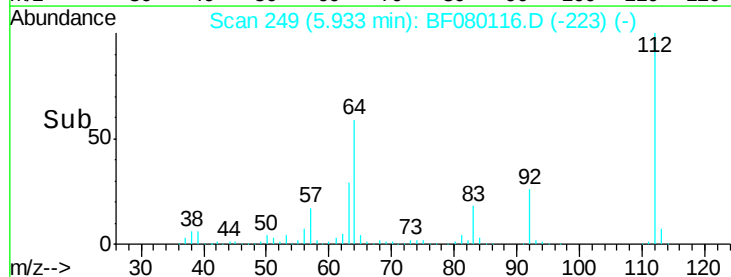
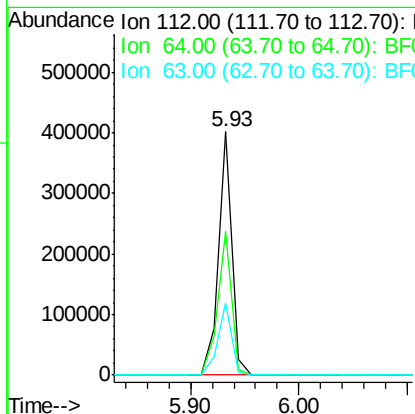
#5

2-Fluorophenol
Concen: 108.83 ng
RT: 5.93 min Scan# 249
Delta R.T. -0.00 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Tgt Ion:112 Resp: 348741
Ion Ratio Lower Upper
112 100
64 59.2 39.7 59.5
63 29.4 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: 107.73 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-9

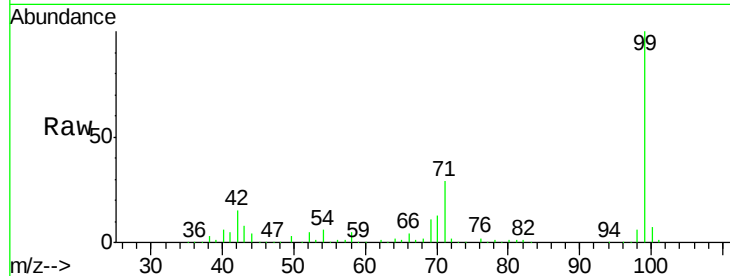
Tgt Ion: 99 Resp: 459374

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

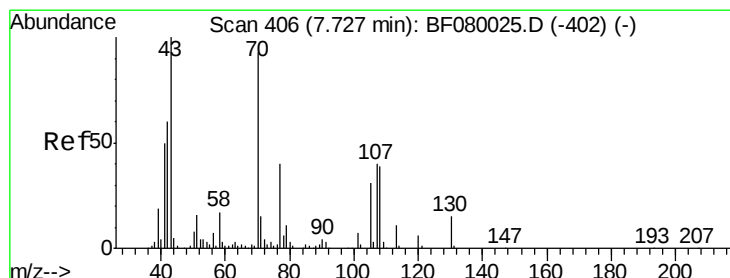
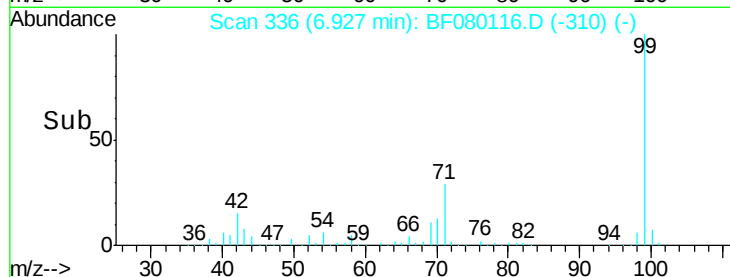
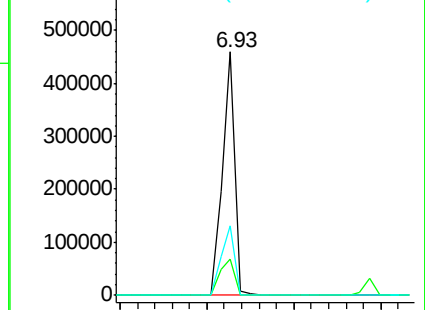
71 28.7 14.2 21.2#



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: 11.87 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Tgt Ion: 70 Resp: 35137

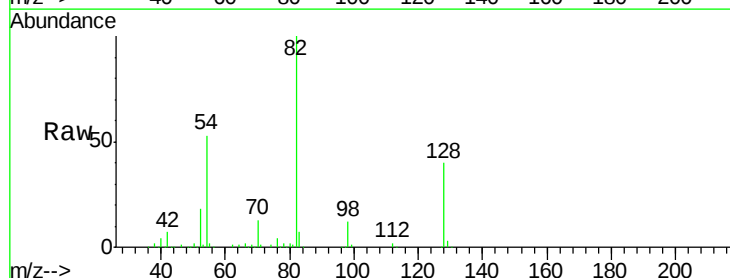
Ion Ratio Lower Upper

70 100

42 48.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

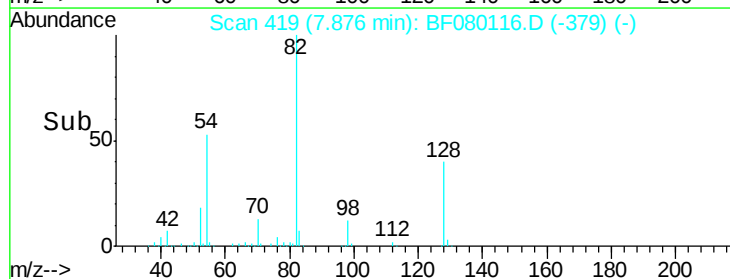
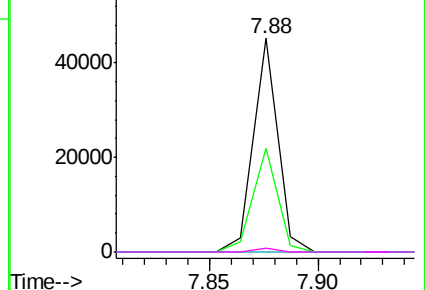


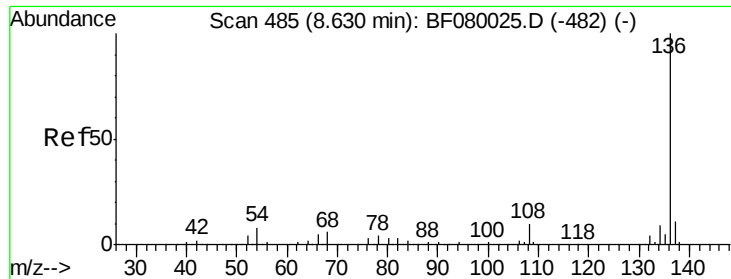
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

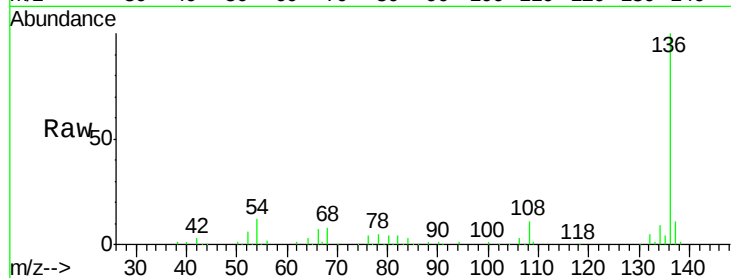




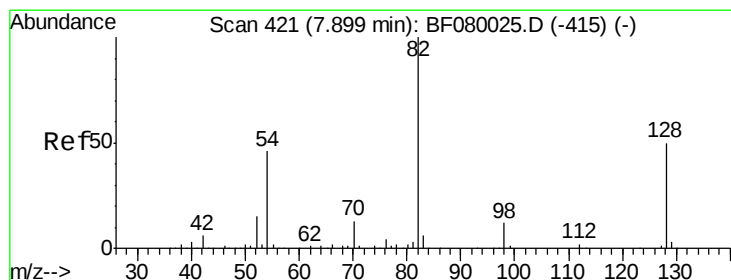
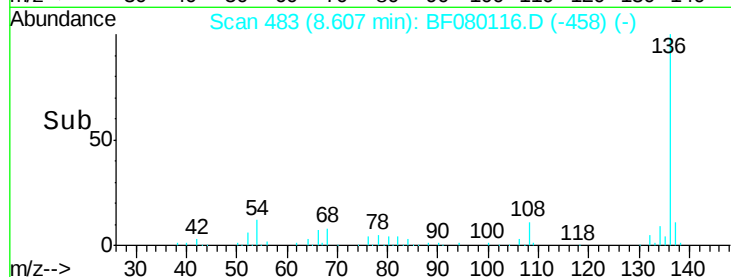
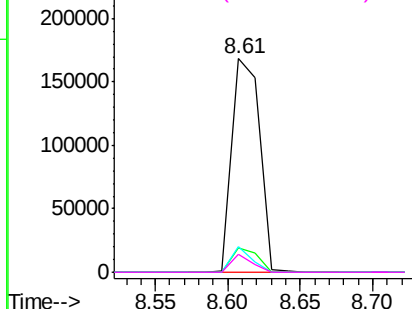
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-9

Tgt Ion:	136	Resp:	222807
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	12.1	8.2	12.2
68	8.3	5.8	8.6

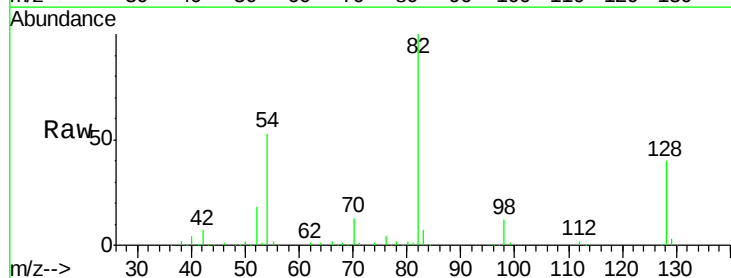


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

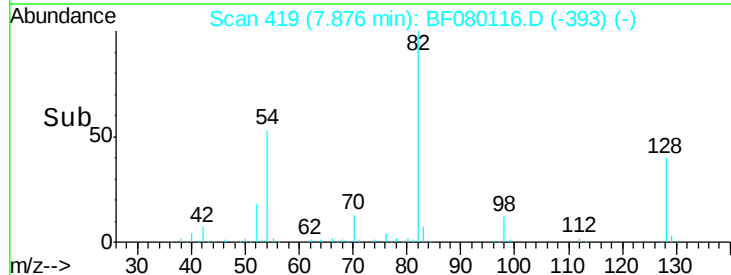
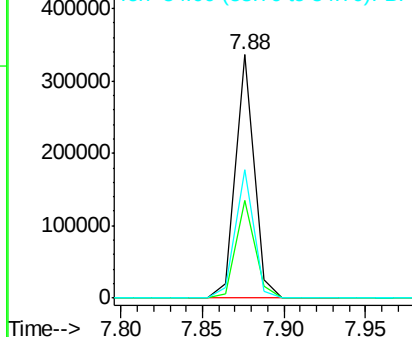


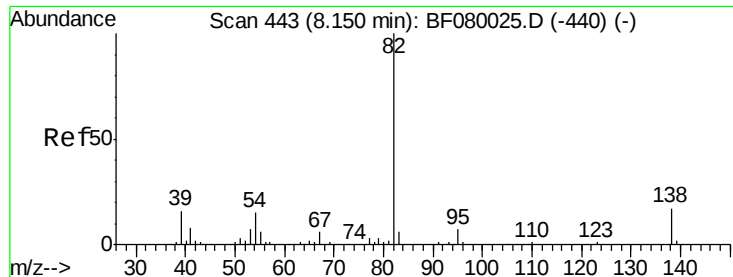
#23
Nitrobenzene-d5
Concen: 68.85 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Tgt Ion:	82	Resp:	263488
Ion	Ratio	Lower	Upper
82	100		
128	39.9	51.0	76.6#
54	53.0	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: 34.21 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-9

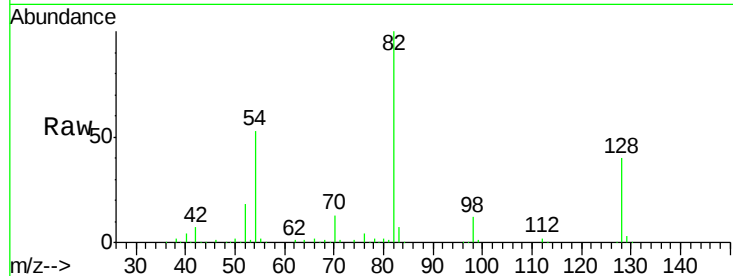
Tgt Ion: 82 Resp: 263475

Ion Ratio Lower Upper

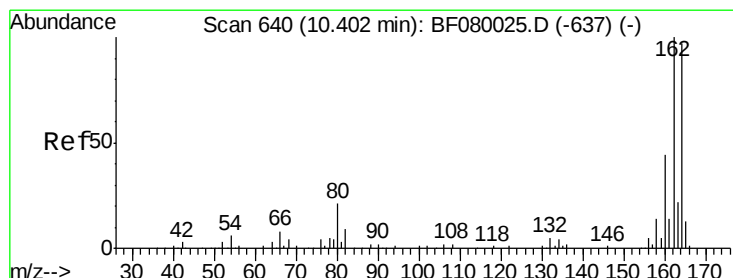
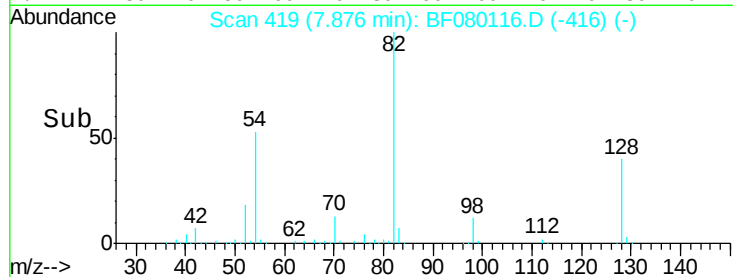
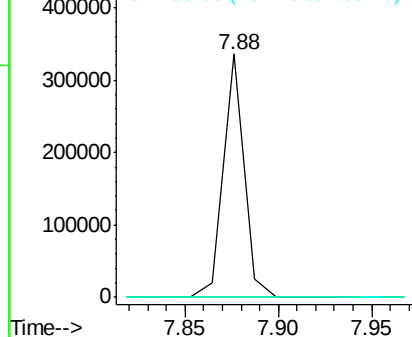
82 100

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: BF080116.D

Acq: 23 Jun 2015 3:54

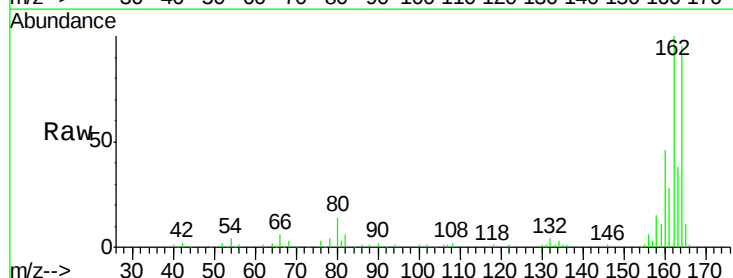
Tgt Ion: 164 Resp: 115424

Ion Ratio Lower Upper

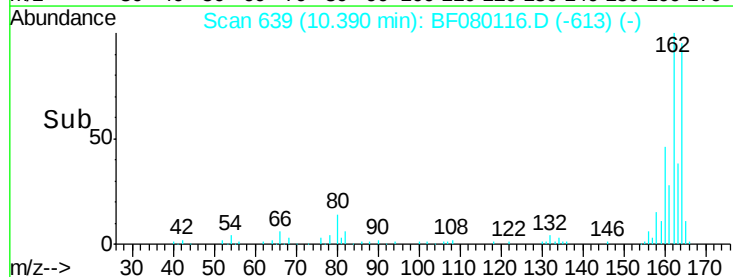
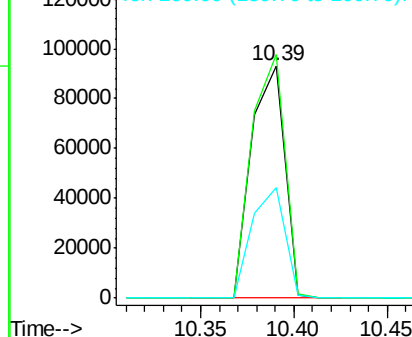
164 100

162 104.8 75.2 112.8

160 47.7 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

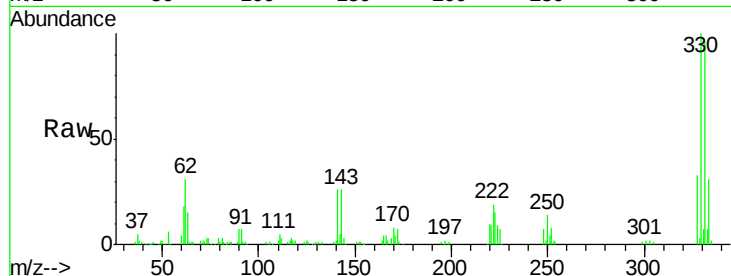




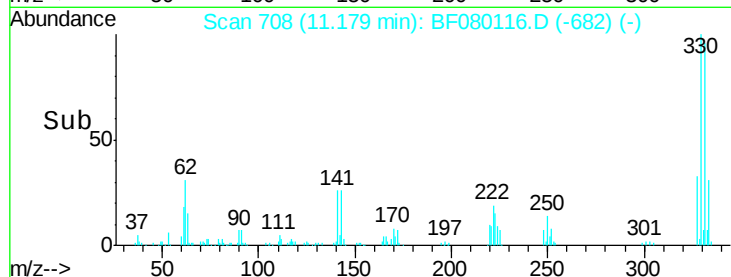
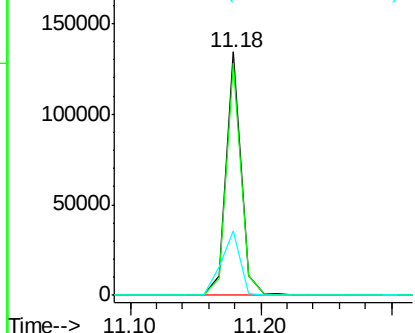
#41
 2,4,6-Tribromophenol
 Concen: 95.96 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080116.D
 Acq: 23 Jun 2015 3:54

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-9

Tgt Ion:330 Resp: 108309
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 33.5 29.7 44.5

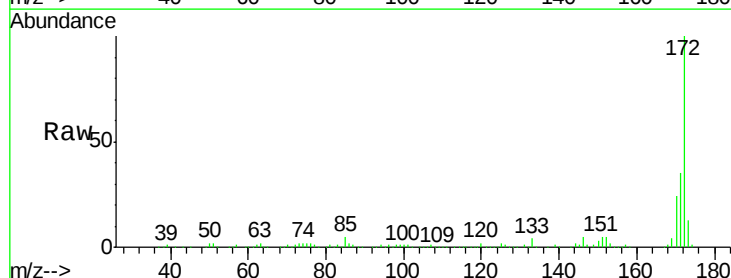


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

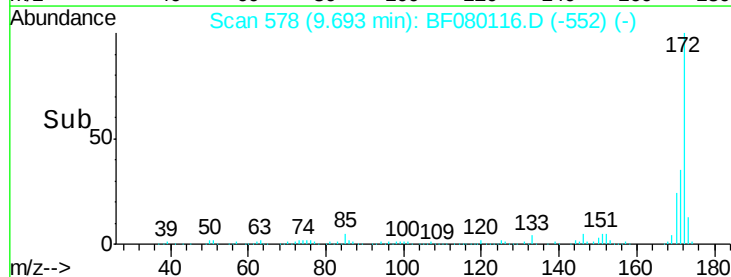
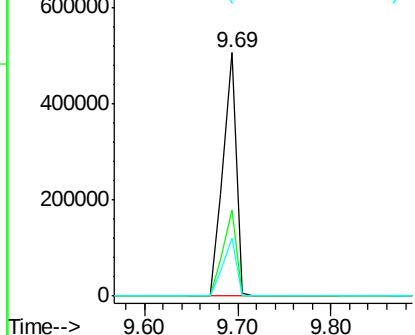


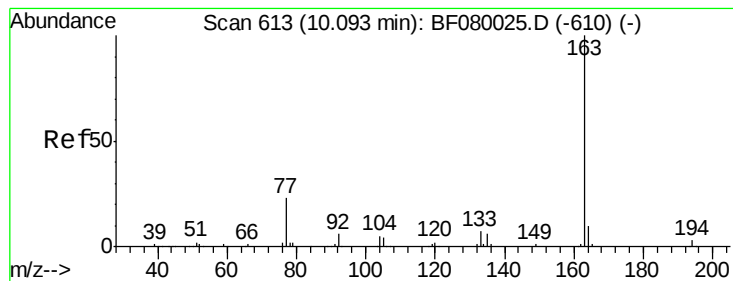
#44
 2-Fluorobiphenyl
 Concen: 61.67 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080116.D
 Acq: 23 Jun 2015 3:54

Tgt Ion:172 Resp: 499177
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.7 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: 4.91 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-9

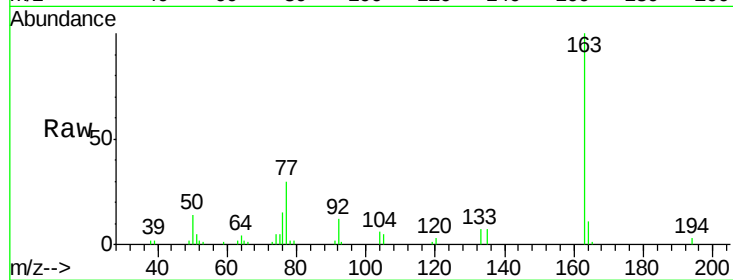
Tgt Ion:163 Resp: 42607

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

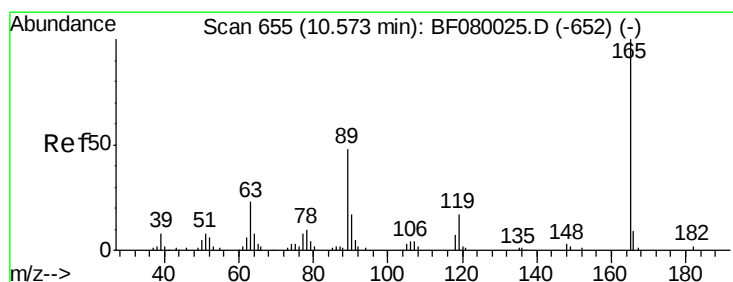
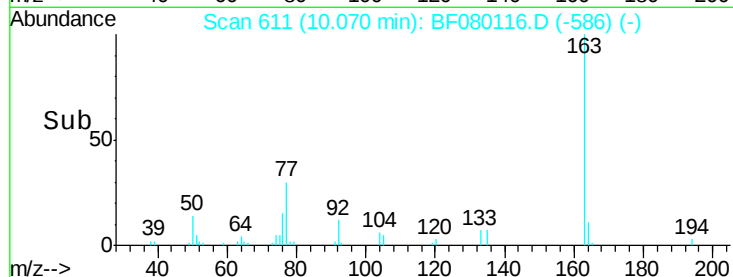
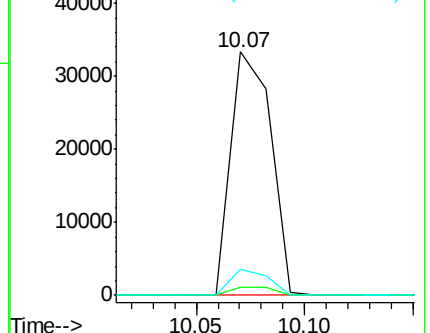
164 10.8 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.50 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.16 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Tgt Ion:165 Resp: 14352

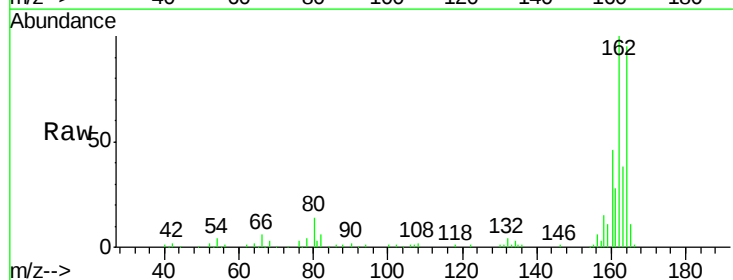
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

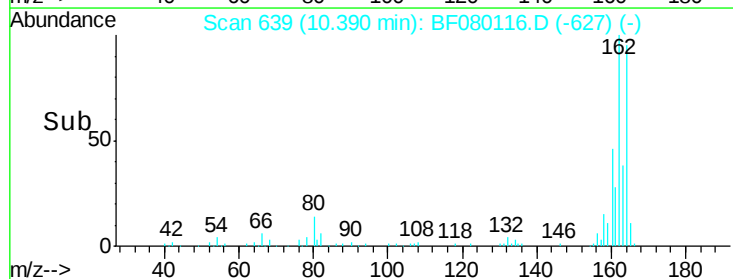
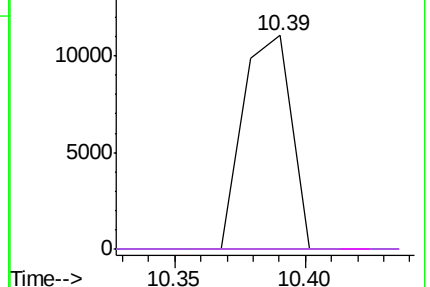


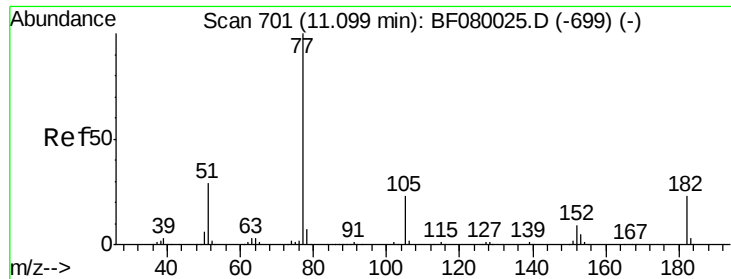
Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.45 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-9

Tgt Ion: 77 Resp: 21817

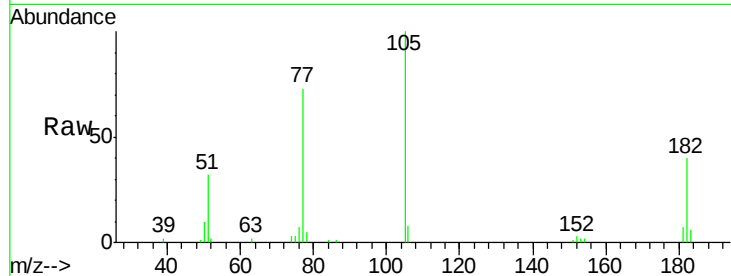
Ion Ratio Lower Upper

77 100

182 54.1 15.1 55.1

105 136.1 3.4 43.4#

51 43.3 12.0 52.0

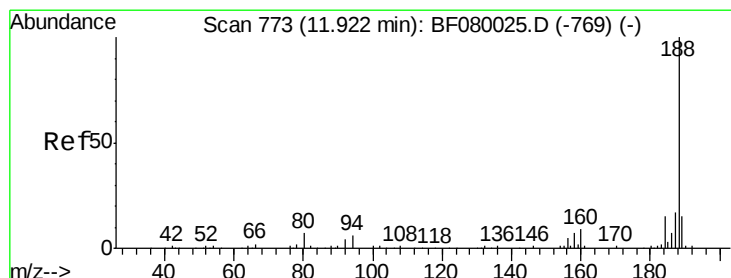
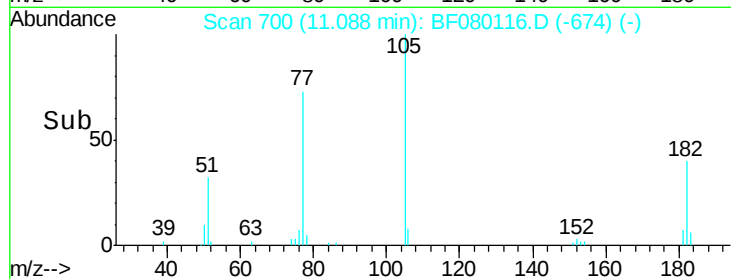
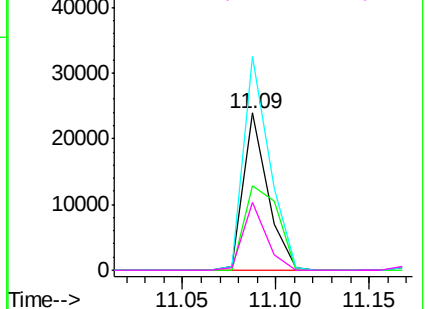


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF080116.D

Acq: 23 Jun 2015 3:54

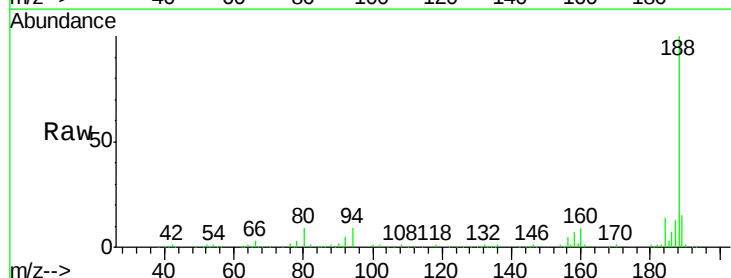
Tgt Ion: 188 Resp: 255575

Ion Ratio Lower Upper

188 100

94 8.6 11.1 16.7#

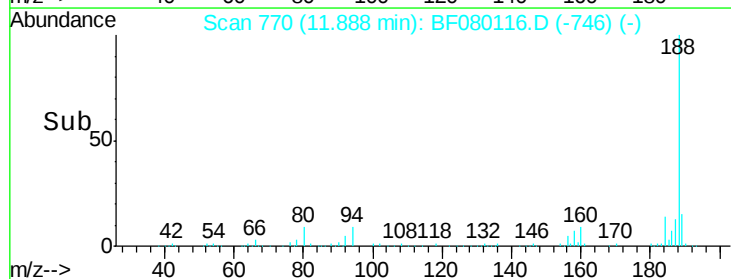
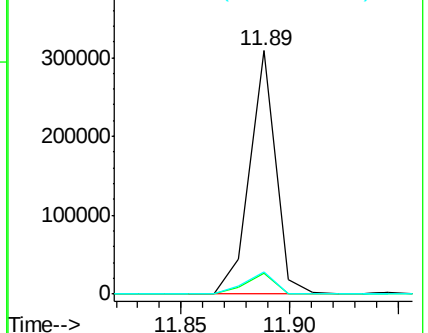
80 9.0 11.0 16.4#

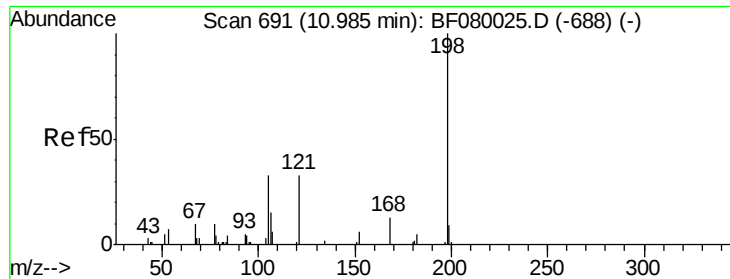


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

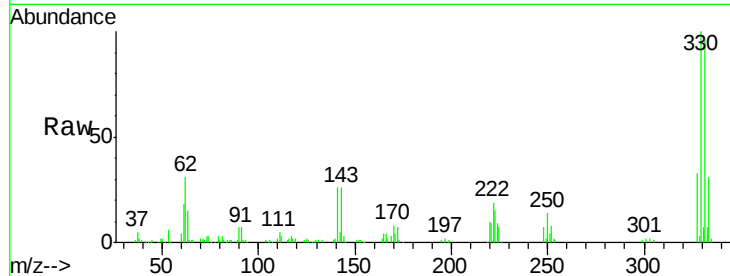




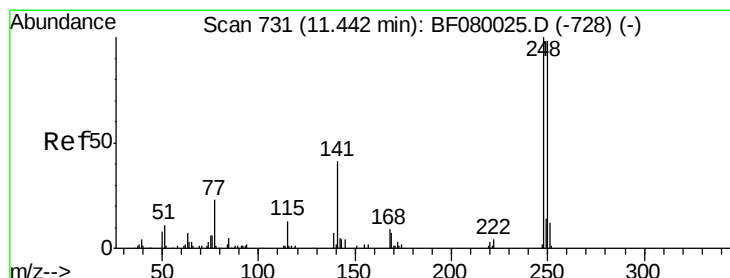
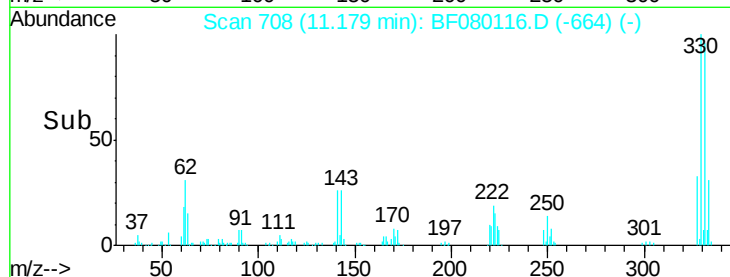
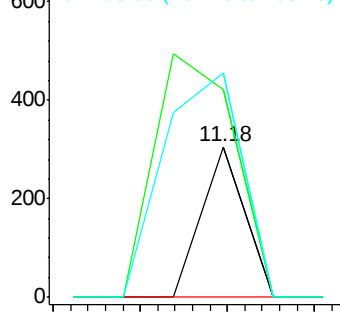
#64
4,6-Dinitro-2-methylphenol
Concen: 3.68 ng
RT: 11.18 min Scan# 708
Delta R.T. 0.21 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-9

Tgt Ion:198 Resp: 210
Ion Ratio Lower Upper
198 100
51 138.2 39.6 79.6#
105 149.0 28.5 68.5#

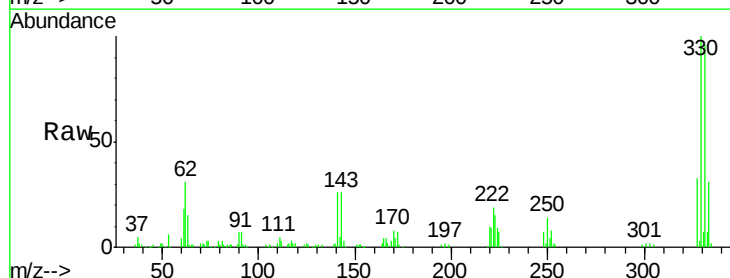


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

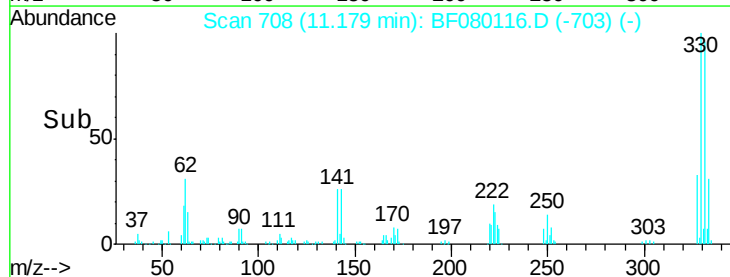
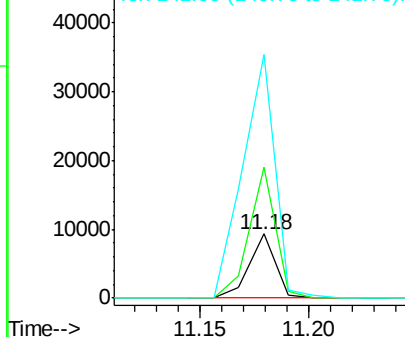


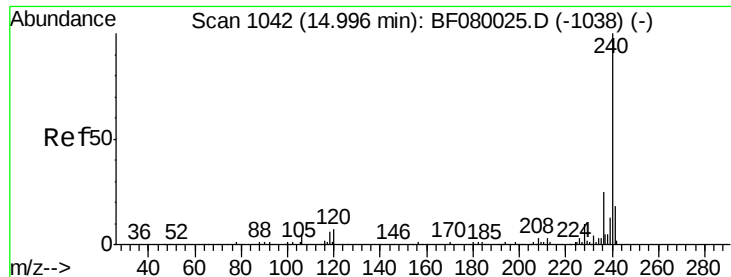
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.24 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Tgt Ion:248 Resp: 7779
Ion Ratio Lower Upper
248 100
250 204.0 78.5 117.7#
141 379.1 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: 14.76 min Scan# 1021

Delta R.T. -0.24 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-9

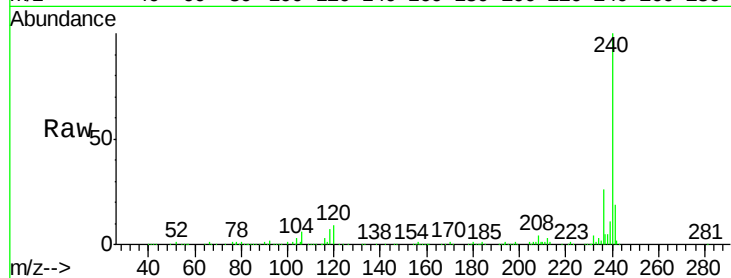
Tgt Ion:240 Resp: 270704

Ion Ratio Lower Upper

240 100

120 8.6 16.2 24.2#

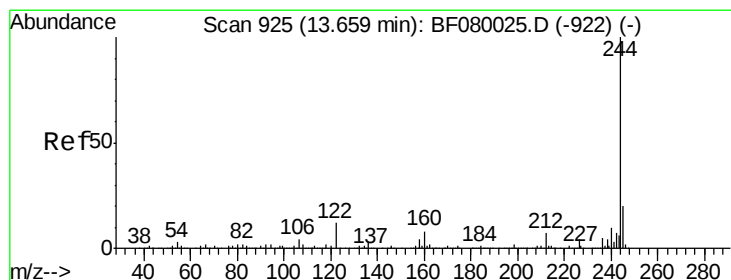
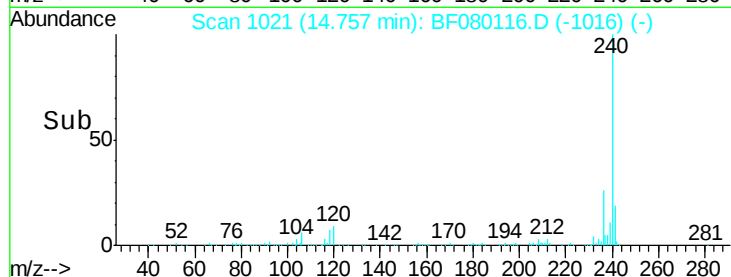
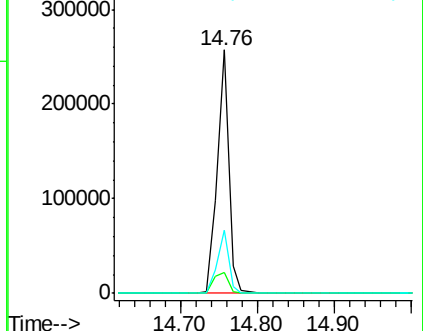
236 25.8 18.4 27.6



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: 48.77 ng

RT: 13.53 min Scan# 914

Delta R.T. -0.14 min

Lab File: BF080116.D

Acq: 23 Jun 2015 3:54

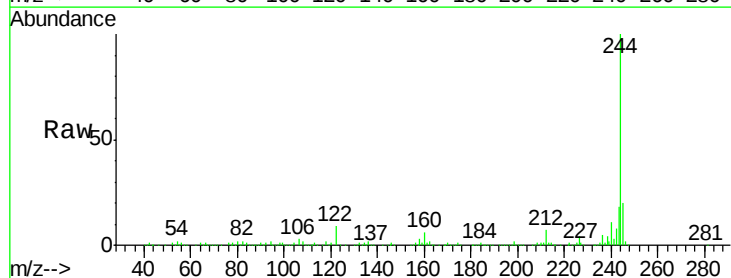
Tgt Ion:244 Resp: 565337

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

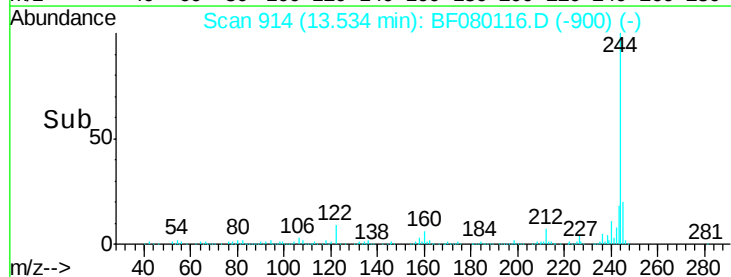
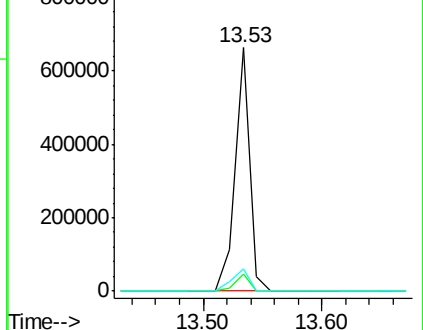
122 9.1 17.4 26.2#

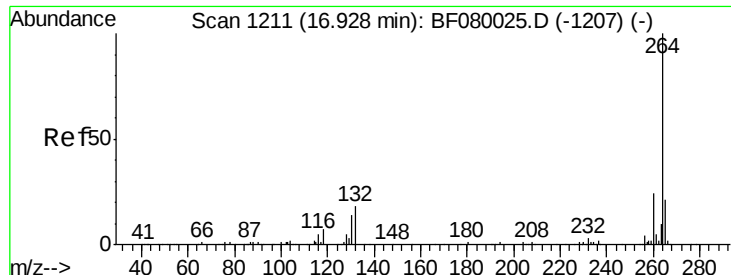


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

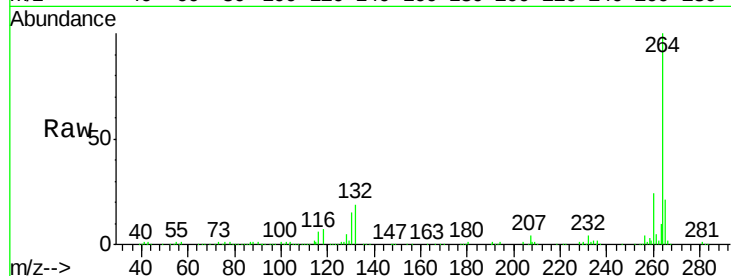




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.35 min
Lab File: BF080116.D
Acq: 23 Jun 2015 3:54

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-9

Tgt Ion: 264 Resp: 266338
Ion Ratio Lower Upper
264 100
260 24.0 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

