

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080115.D
 Acq On : 23 Jun 2015 3:26
 Operator : TP/IZ
 Sample : G2715-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-8

Quant Time: Jun 23 05:00:52 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

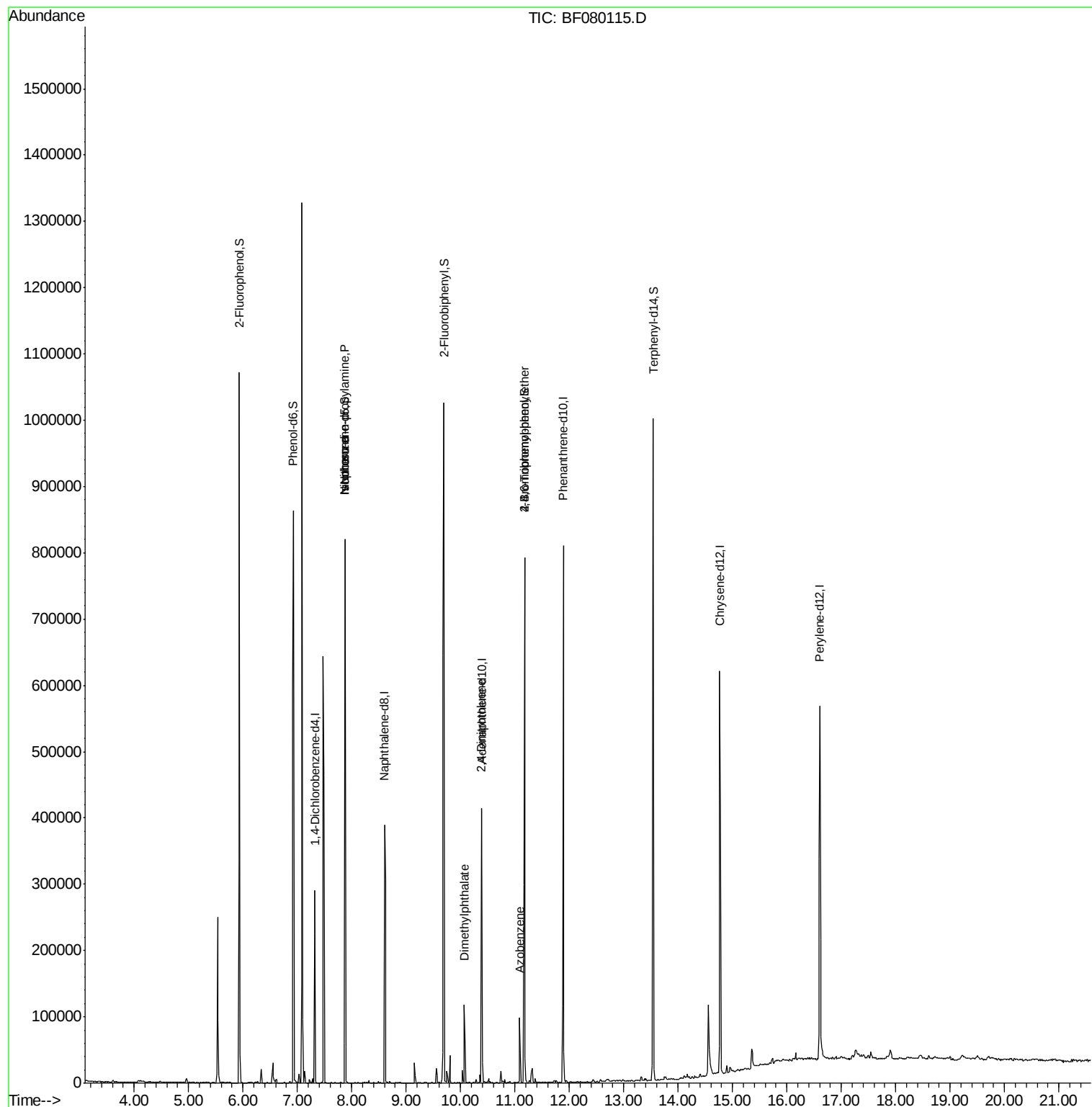
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	60519	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	235262	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	121171	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	276652	20.00	ng	-0.02
75) Chrysene-d12	14.77	240	288414	20.00	ng	-0.23
86) Perylene-d12	16.61	264	288191	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	287665	84.14	ng	0.00
7) Phenol-d6	6.93	99	376733	82.81	ng	0.00
23) Nitrobenzene-d5	7.88	82	222632	55.09	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	95177	80.33	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	412684	48.57	ng	0.00
78) Terphenyl-d14	13.55	244	498608	40.38	ng	-0.13
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	28371	8.98	ng	# 62
25) Isophorone	7.88	82	222623	27.37	ng	# 58
49) Dimethylphthalate	10.07	163	55932	6.14	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	14893	6.43	ng	# 31
62) Azobenzene	11.09	77	21336	2.28	ng	# 17
66) 4-Bromophenyl-phenylether	11.18	248	7183	2.44	ng	# 1

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

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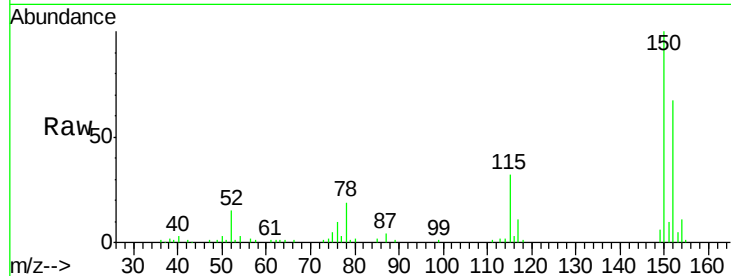


#1

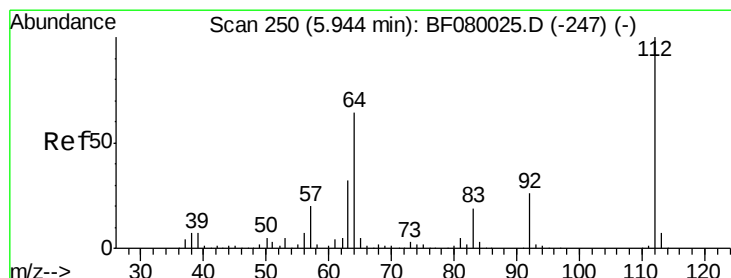
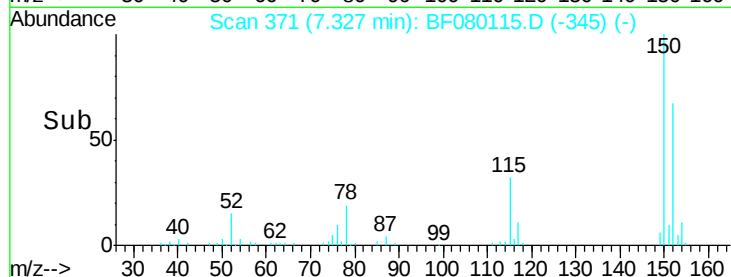
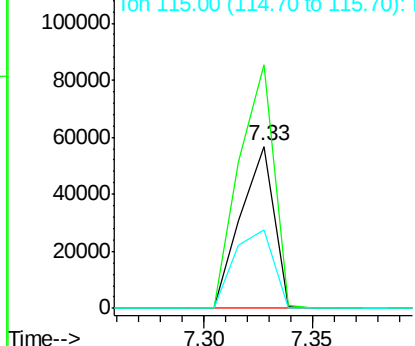
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-8

Tgt Ion:152 Resp: 60519
Ion Ratio Lower Upper
152 100
150 150.0 124.7 187.1
115 48.5 39.0 58.4



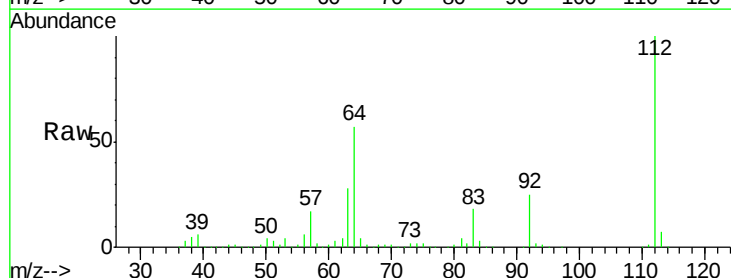
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



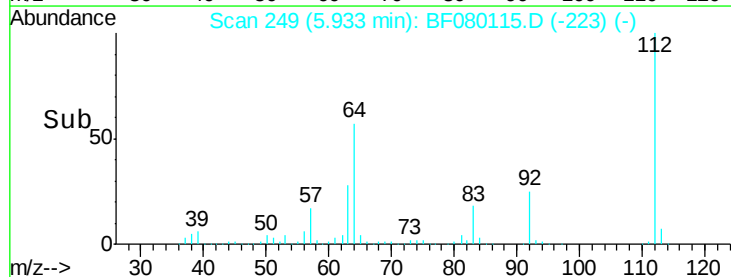
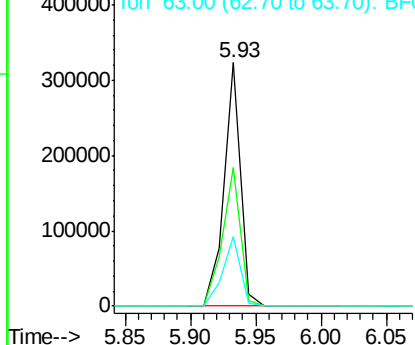
#5

2-Fluorophenol
Concen: 84.14 ng
RT: 5.93 min Scan# 249
Delta R.T. 0.00 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Tgt Ion:112 Resp: 287665
Ion Ratio Lower Upper
112 100
64 56.8 39.7 59.5
63 28.3 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: 82.81 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-8

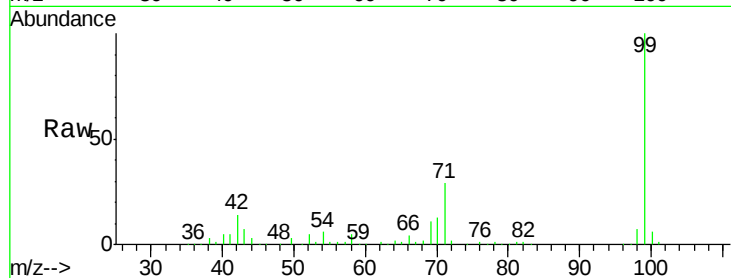
Tgt Ion: 99 Resp: 376733

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

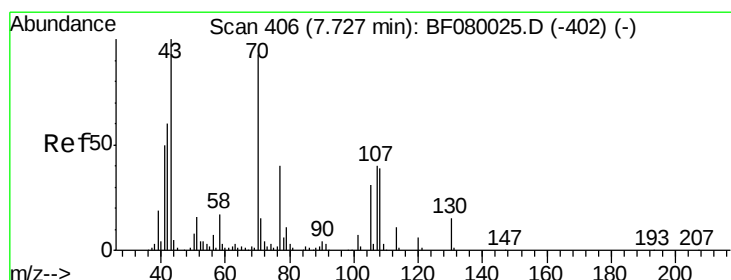
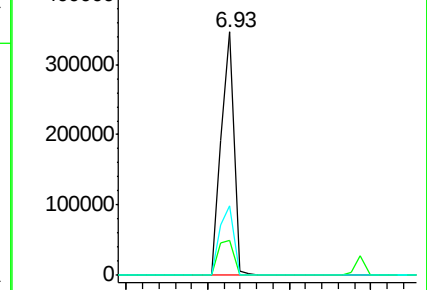
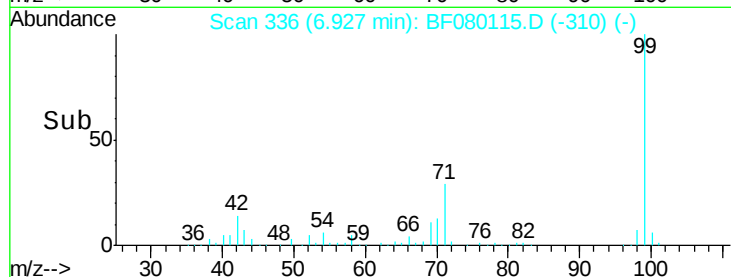
71 28.5 14.2 21.2#



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: 8.98 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Tgt Ion: 70 Resp: 28371

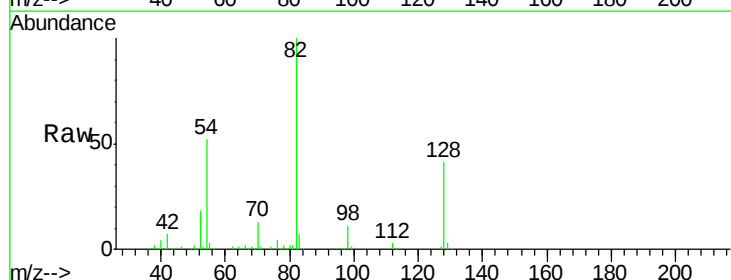
Ion Ratio Lower Upper

70 100

42 51.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

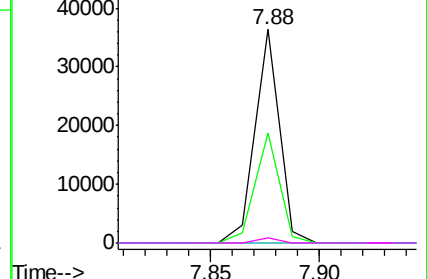
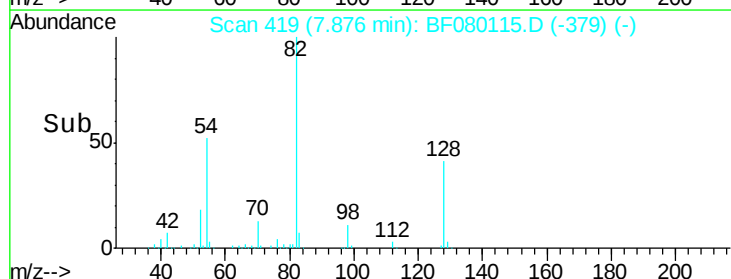


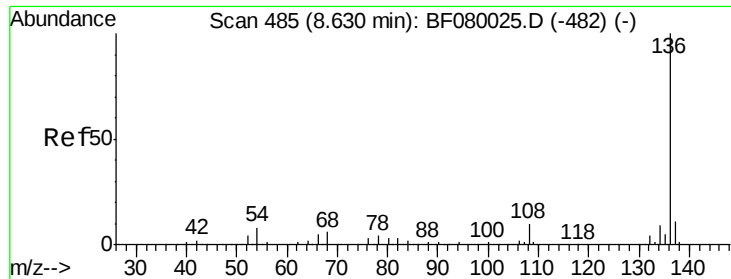
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

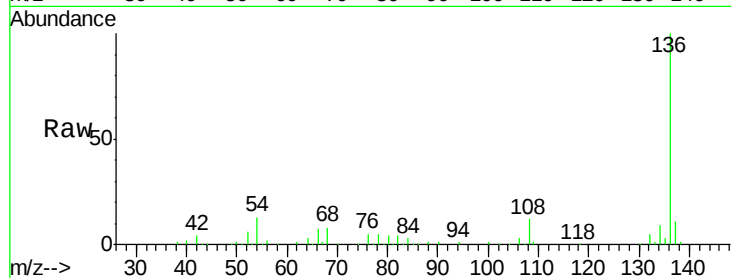




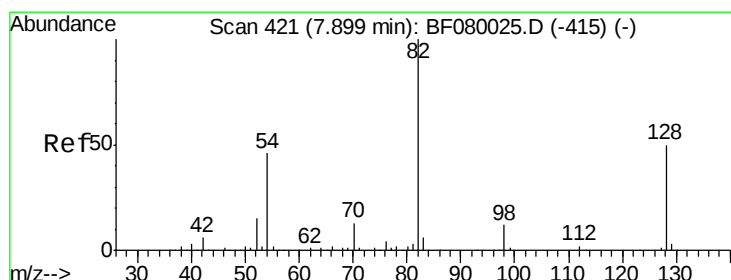
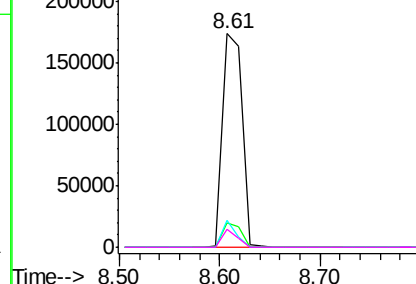
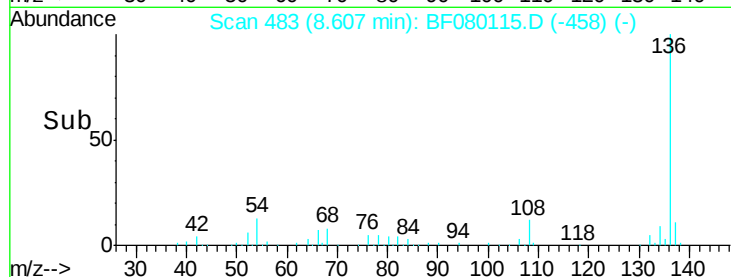
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-8

Tgt Ion:	136	Resp:	235262
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.6	8.2	12.2#
68	8.3	5.8	8.6

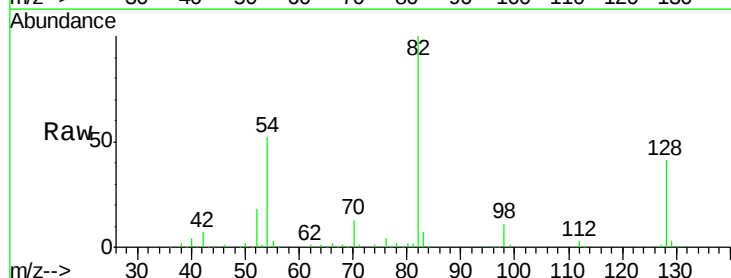


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

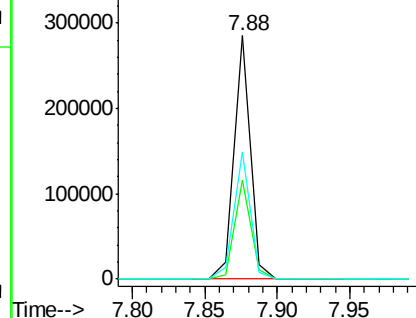
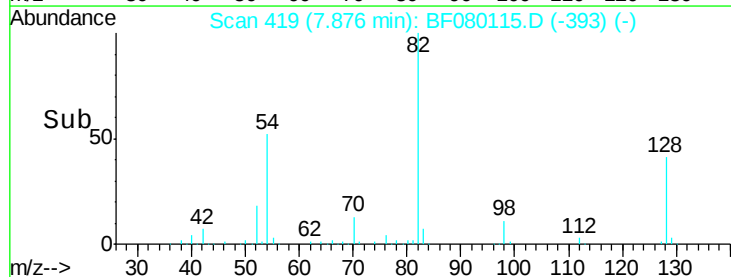


#23
Nitrobenzene-d5
Concen: 55.09 ng
RT: 7.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Tgt Ion:	82	Resp:	222632
Ion	Ratio	Lower	Upper
82	100		
128	40.7	51.0	76.6#
54	52.1	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: 27.37 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-8

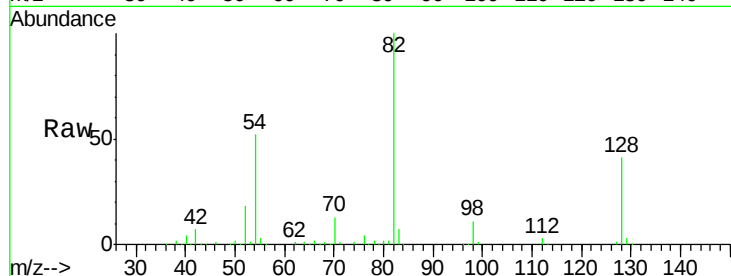
Tgt Ion: 82 Resp: 222623

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

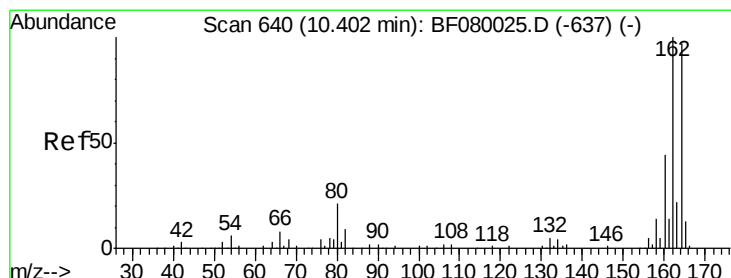
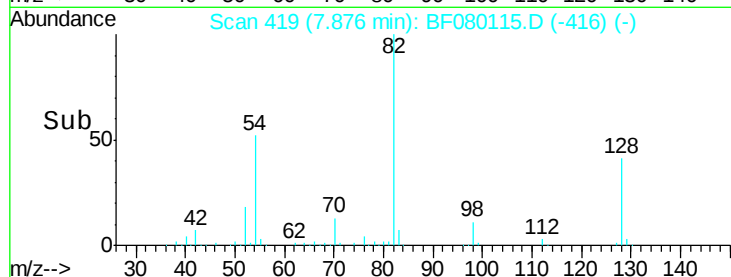
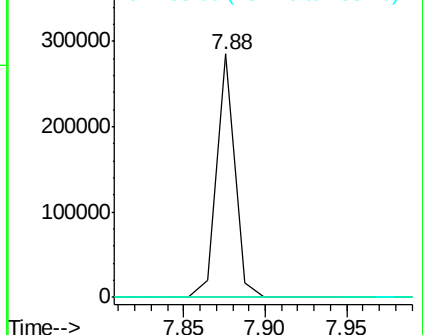
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

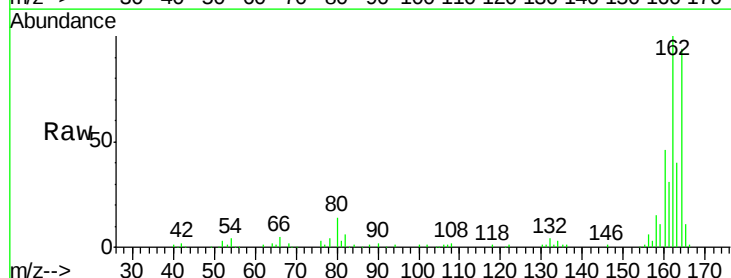
Tgt Ion: 164 Resp: 121171

Ion Ratio Lower Upper

164 100

162 106.1 75.2 112.8

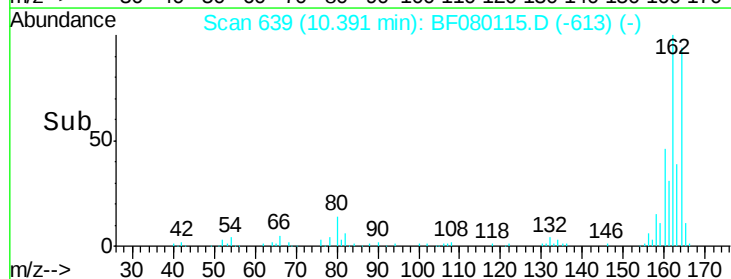
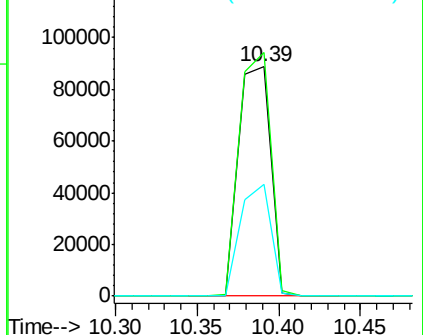
160 49.0 31.5 47.3#



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

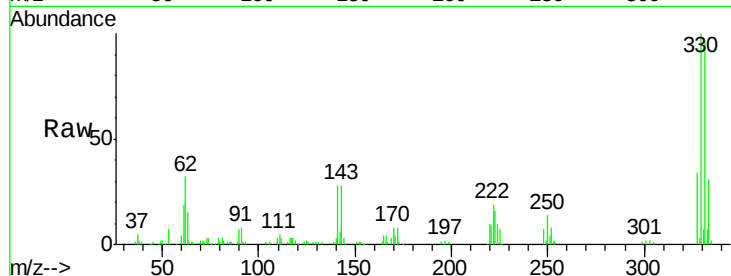




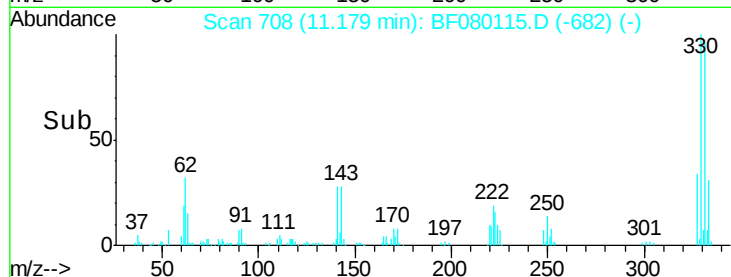
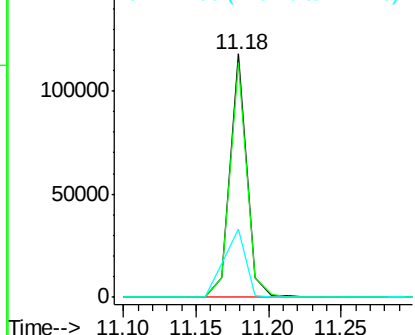
#41
 2,4,6-Tribromophenol
 Concen: 80.33 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080115.D
 Acq: 23 Jun 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-8

Tgt Ion:330 Resp: 95177
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 36.5 29.7 44.5

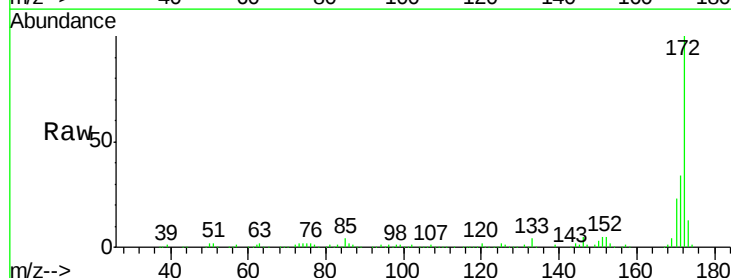


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

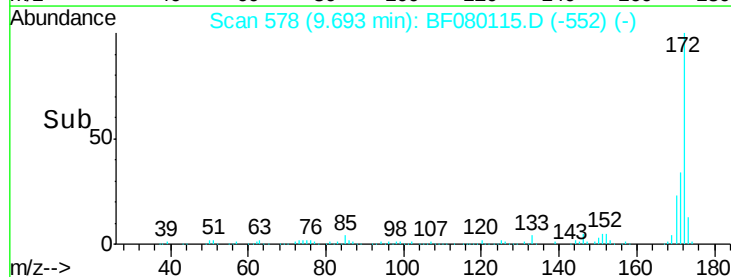
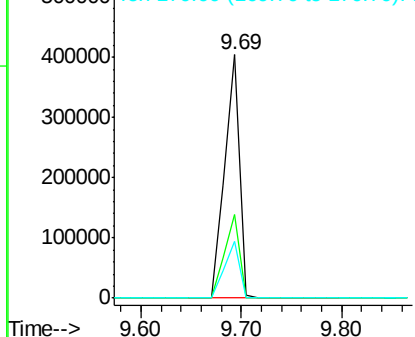


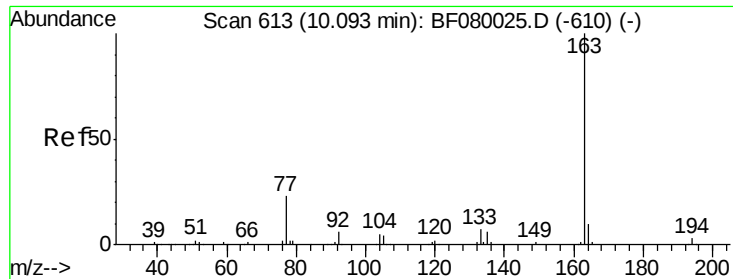
#44
 2-Fluorobiphenyl
 Concen: 48.57 ng
 RT: 9.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF080115.D
 Acq: 23 Jun 2015 3:26

Tgt Ion:172 Resp: 412684
 Ion Ratio Lower Upper
 172 100
 171 34.5 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

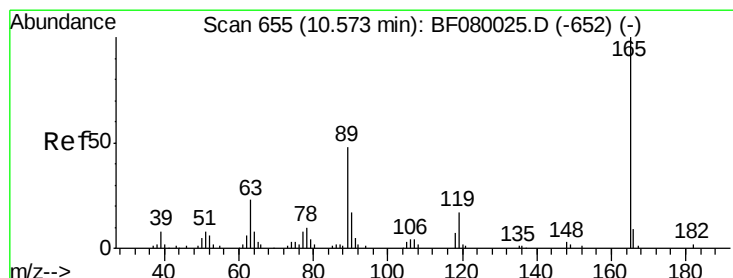
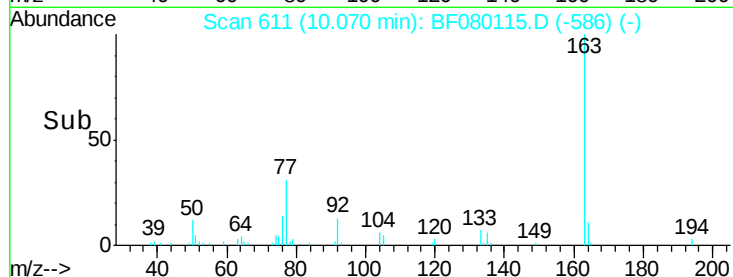
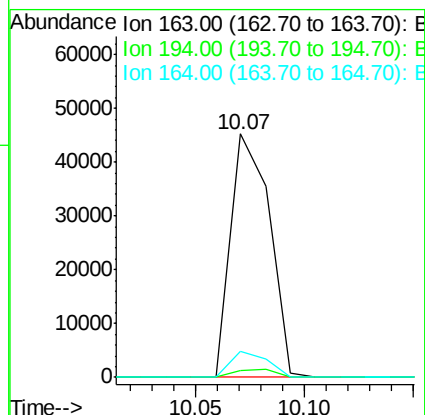
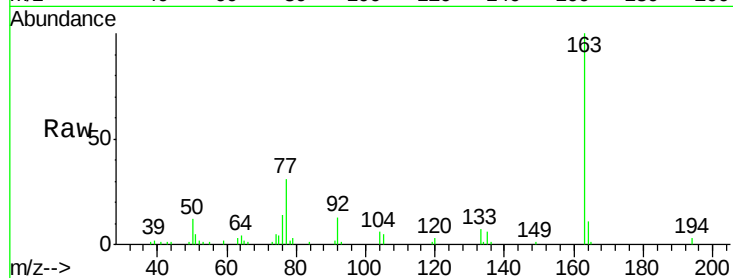




#49
Dimethylphthalate
Concen: 6.14 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

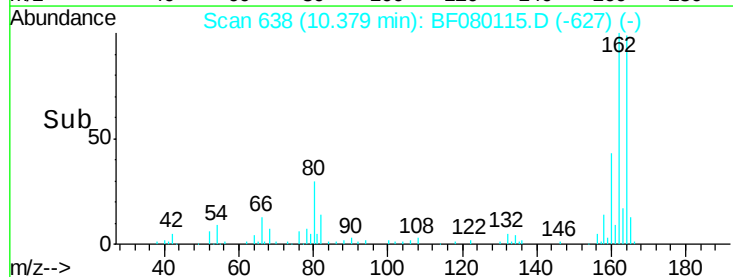
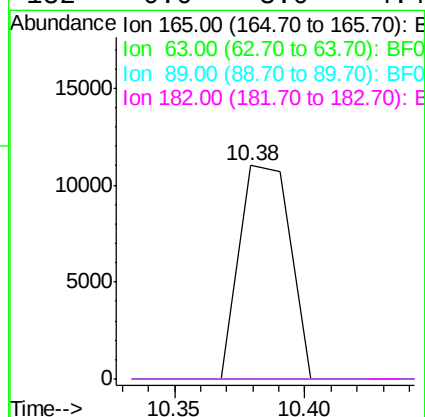
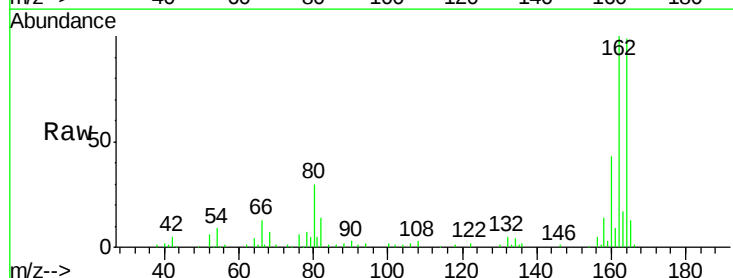
Instrument :
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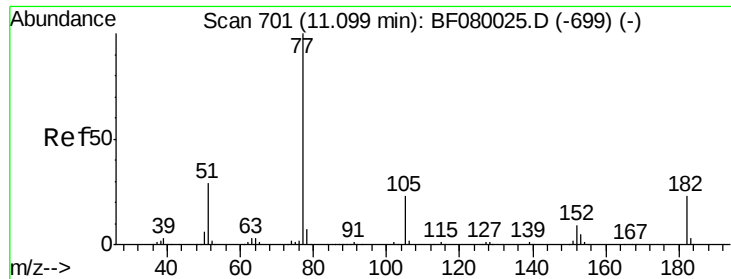
Tgt Ion:163 Resp: 55932
Ion Ratio Lower Upper
163 100
194 2.6 4.4 6.6#
164 10.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Tgt Ion:165 Resp: 14893
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: 2.28 ng

RT: 11.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-8

Tgt Ion: 77 Resp: 21336

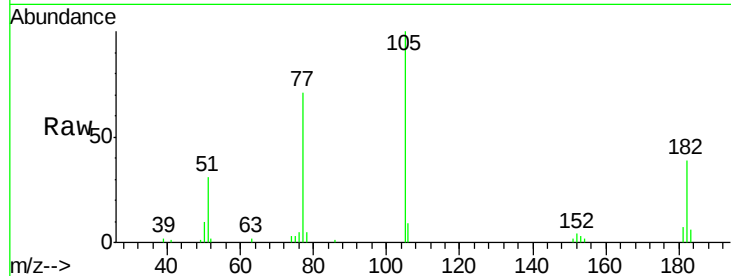
Ion Ratio Lower Upper

77 100

182 54.7 15.1 55.1

105 140.8 3.4 43.4#

51 43.8 12.0 52.0

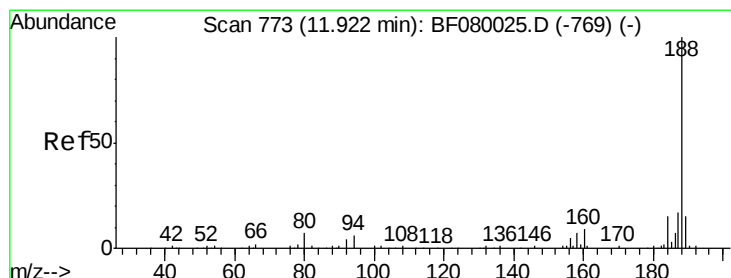
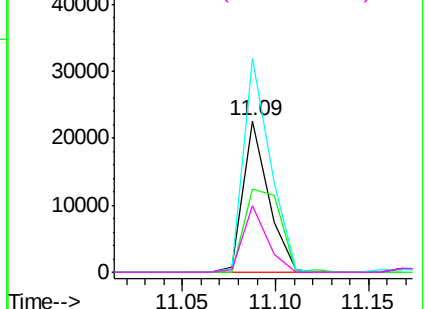
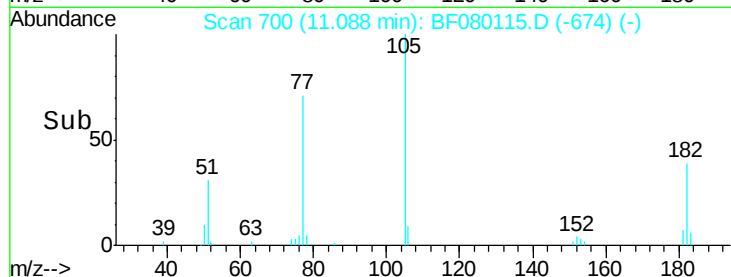


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

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: BF080115.D

Acq: 23 Jun 2015 3:26

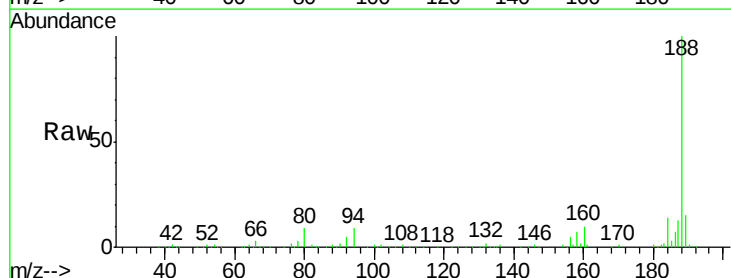
Tgt Ion: 188 Resp: 276652

Ion Ratio Lower Upper

188 100

94 8.8 11.1 16.7#

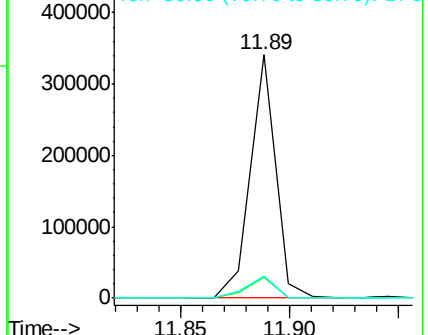
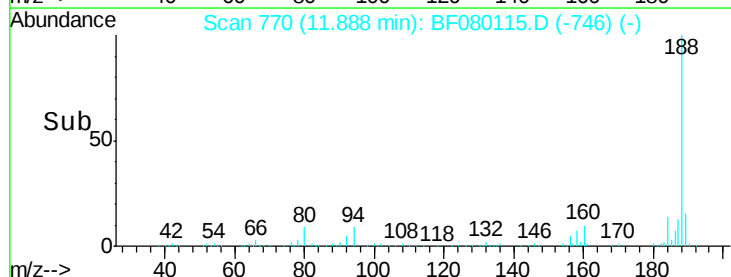
80 9.2 11.0 16.4#

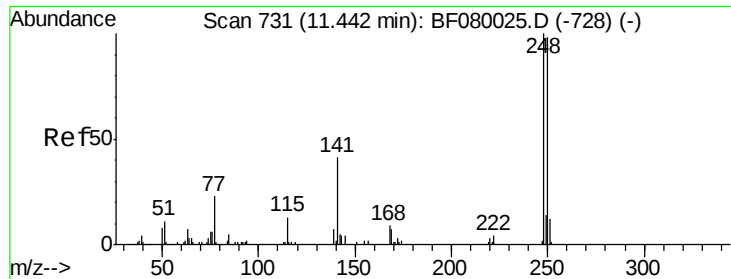


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

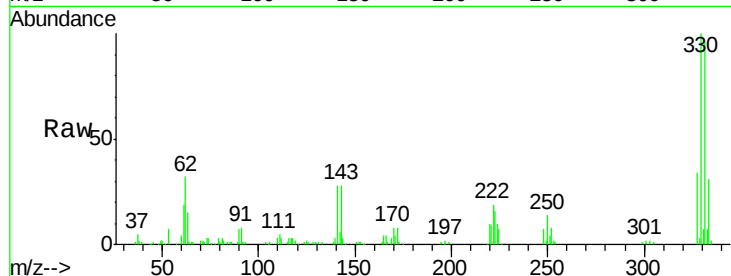




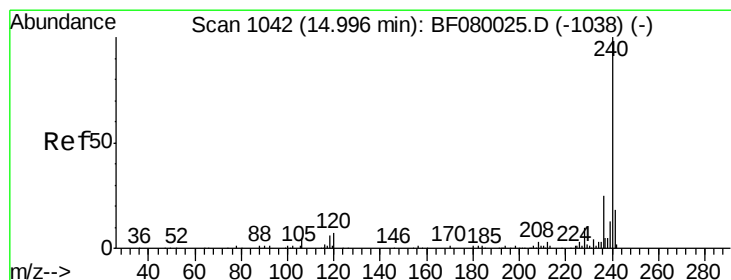
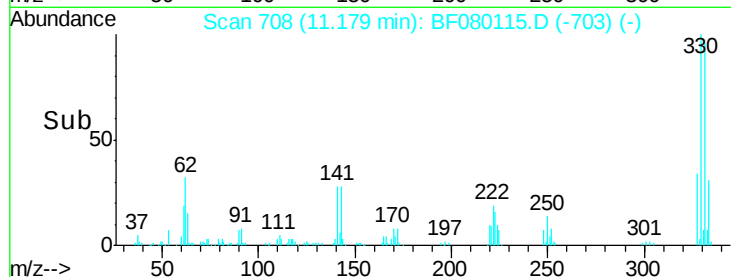
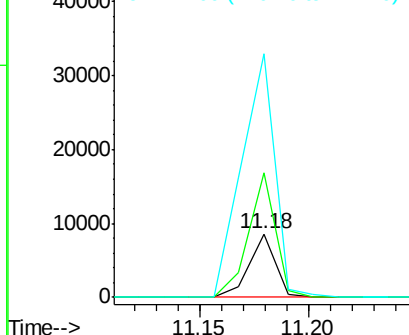
#66
4-Bromophenyl-phenylether
Concen: 2.44 ng
RT: 11.18 min Scan# 708
Delta R.T. -0.24 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-8

Tgt Ion:248 Resp: 7183
Ion Ratio Lower Upper
248 100
250 197.1 78.5 117.7#
141 384.0 59.0 88.6#

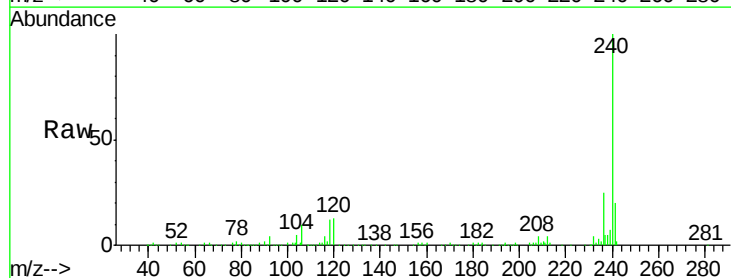


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

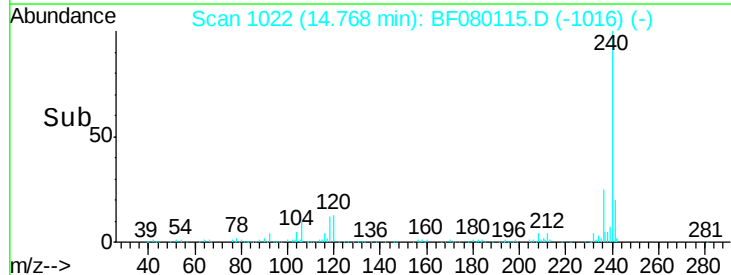
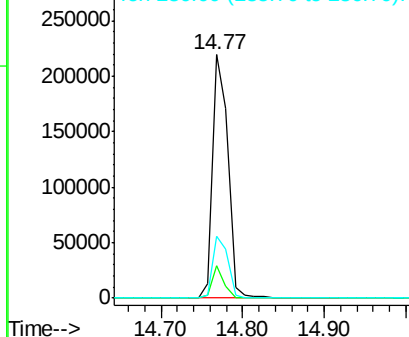


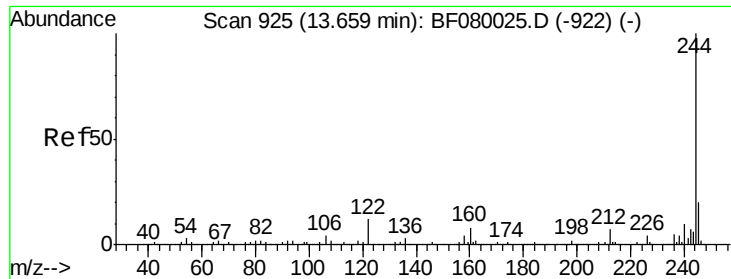
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.23 min
Lab File: BF080115.D
Acq: 23 Jun 2015 3:26

Tgt Ion:240 Resp: 288414
Ion Ratio Lower Upper
240 100
120 13.3 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

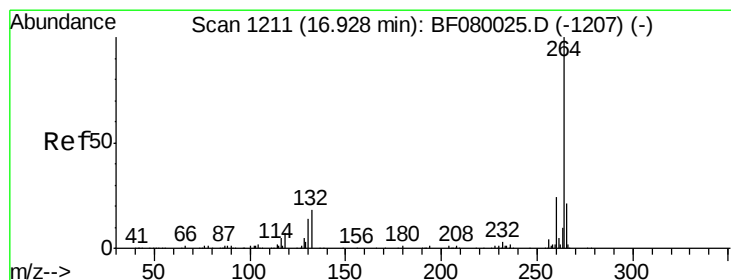
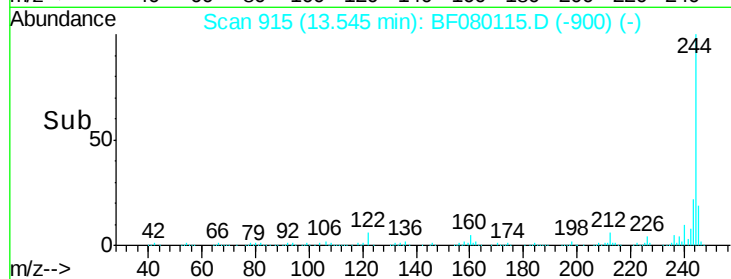
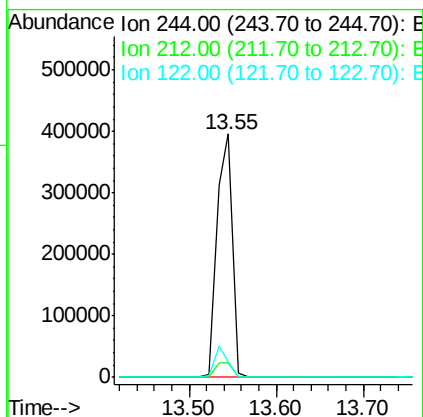
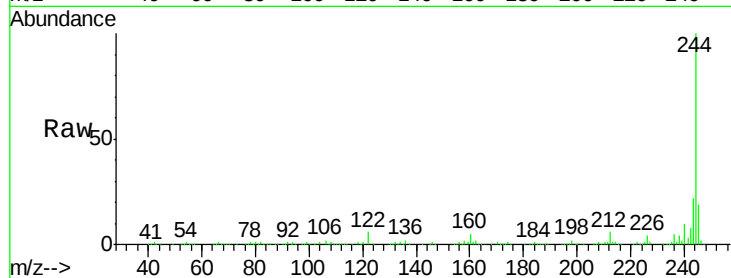




#78
 Terphenyl-d14
 Concen: 40.38 ng
 RT: 13.55 min Scan# 915
 Delta R.T. -0.13 min
 Lab File: BF080115.D
 Acq: 23 Jun 2015 3:26

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-8

Tgt Ion:244 Resp: 498608
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.3 6.5
 122 6.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1183
 Delta R.T. -0.32 min
 Lab File: BF080115.D
 Acq: 23 Jun 2015 3:26

Tgt Ion:264 Resp: 288191
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.7 17.2 25.8

