

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080071.D
 Acq On : 20 Jun 2015 00:14
 Operator : TP/IZ
 Sample : PB84121BL
 Misc : LOD/LOQ-SVOC-SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84121BL

Quant Time: Jun 20 01:54:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

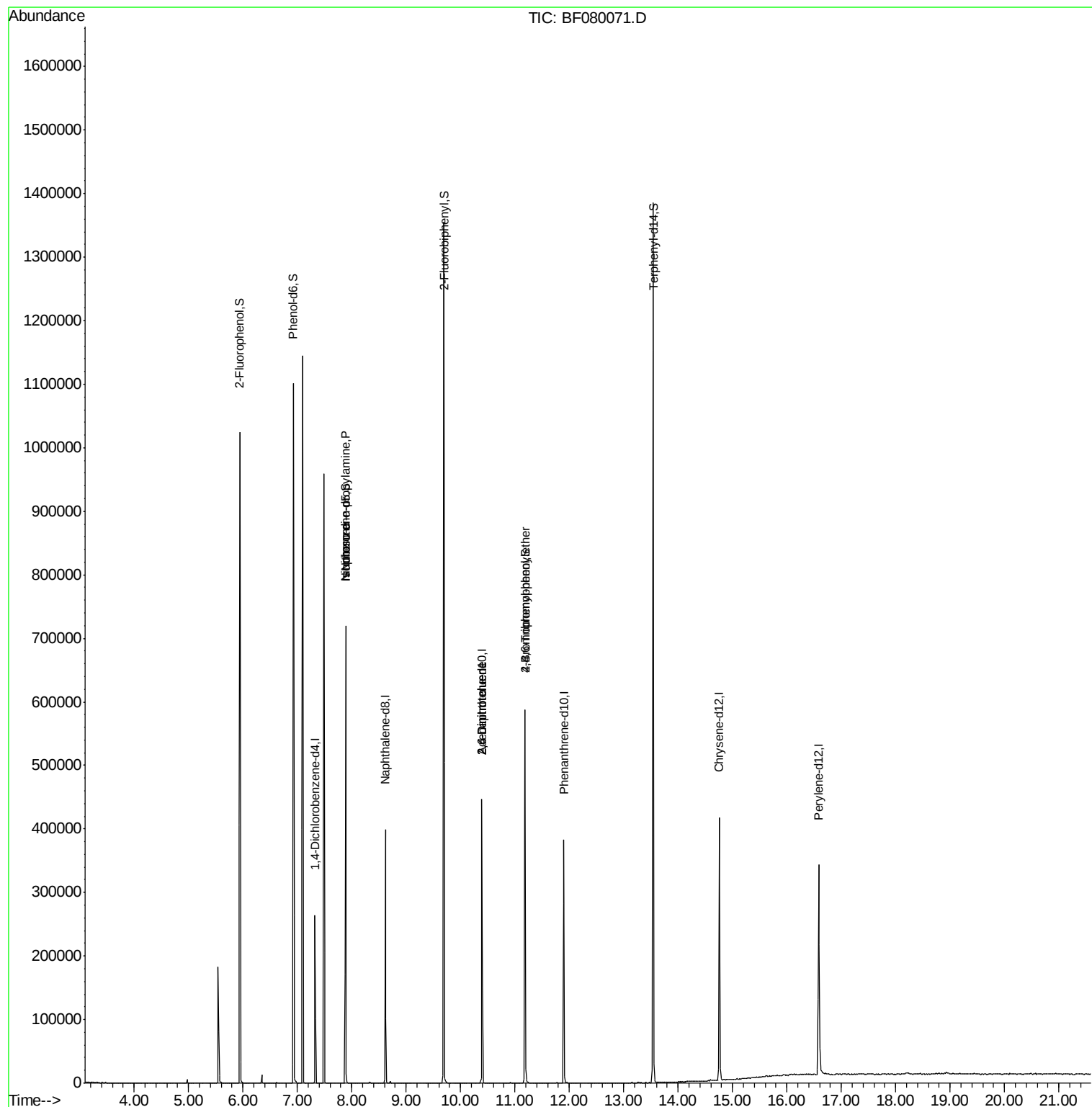
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	42519	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	172396	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	90738	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	192913	20.00	ng	-0.01
75) Chrysene-d12	14.76	240	213963	20.00	ng	-0.10
86) Perylene-d12	16.59	264	200636	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	293623	122.24	ng	0.00
7) Phenol-d6	6.93	99	352329	110.23	ng	-0.01
23) Nitrobenzene-d5	7.89	82	217209	73.35	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	104147	117.38	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	451680	70.99	ng	-0.01
78) Terphenyl-d14	13.54	244	647789	70.71	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	27300	12.30	ng	# 60
25) Isophorone	7.89	82	217202	36.45	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	11370	8.31	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	11373	6.55	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	6522	3.18	ng	# 1

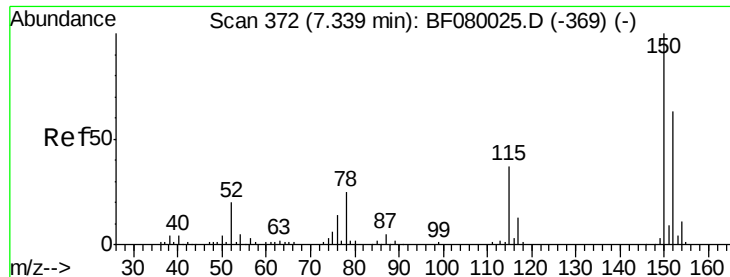
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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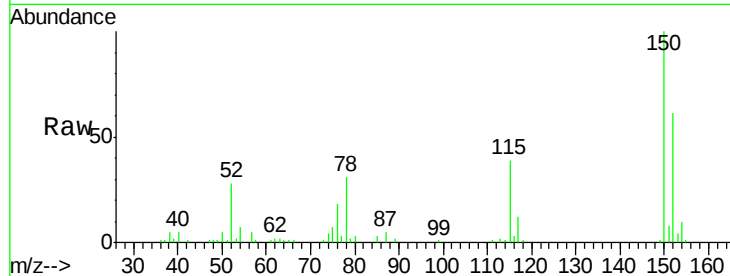


#1

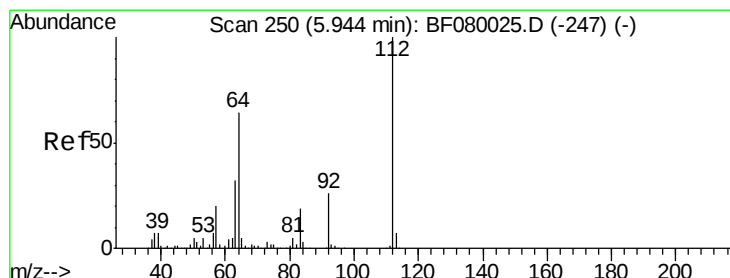
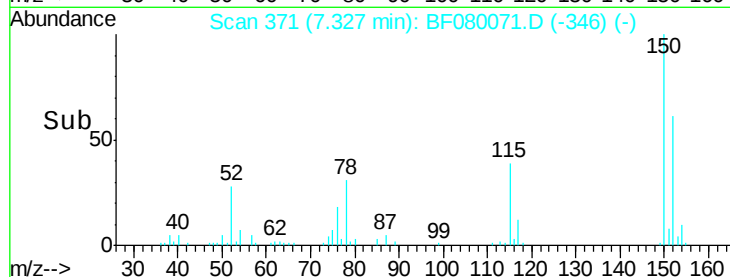
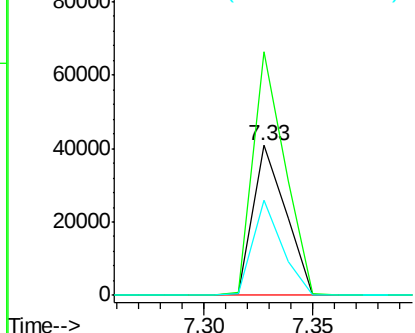
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Instrument :
BNA_F
ClientSampleId :
PB84121BL

Tgt Ion:152 Resp: 42519
Ion Ratio Lower Upper
152 100
150 162.6 124.7 187.1
115 63.3 39.0 58.4#



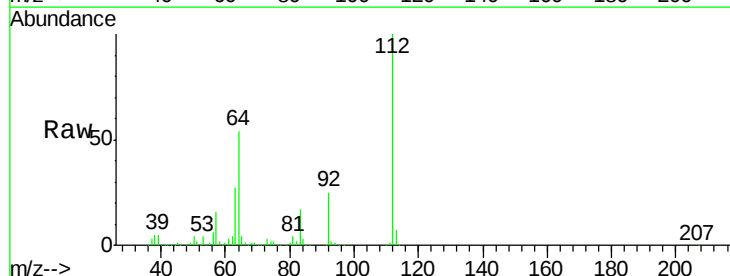
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



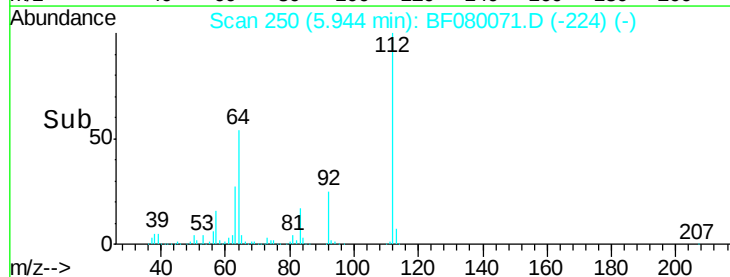
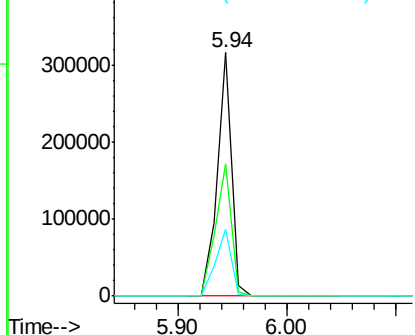
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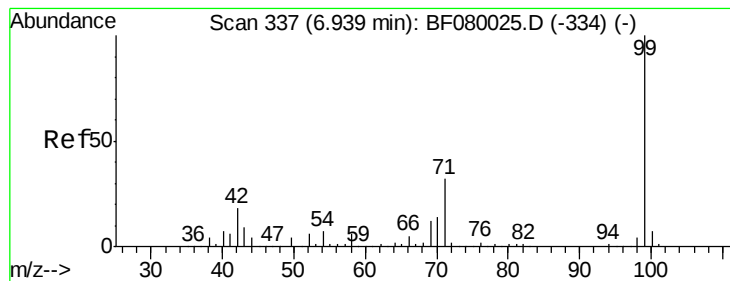
2-Fluorophenol
Concen: 122.24 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Tgt Ion:112 Resp: 293623
Ion Ratio Lower Upper
112 100
64 54.4 39.7 59.5
63 27.5 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: 110.23 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080071.D

Acq: 20 Jun 2015 00:14

Instrument :

BNA_F

ClientSampleId :

PB84121BL

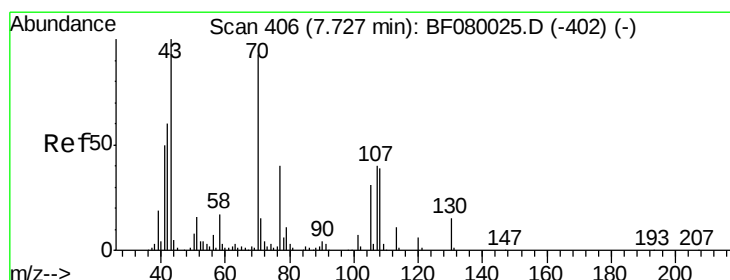
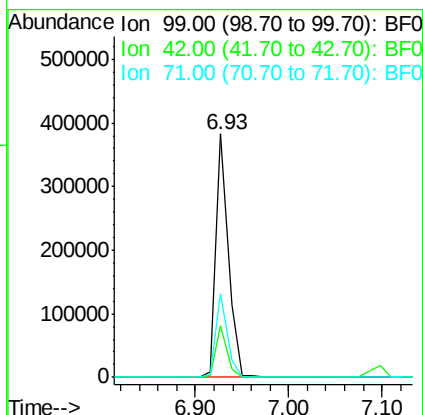
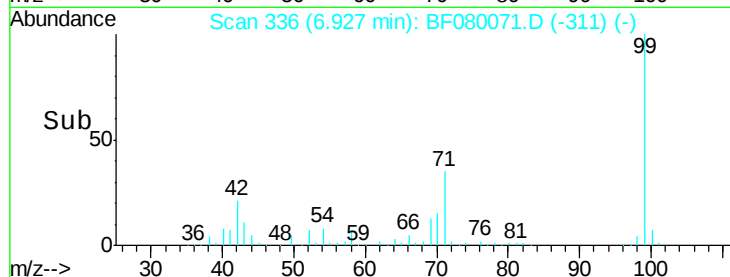
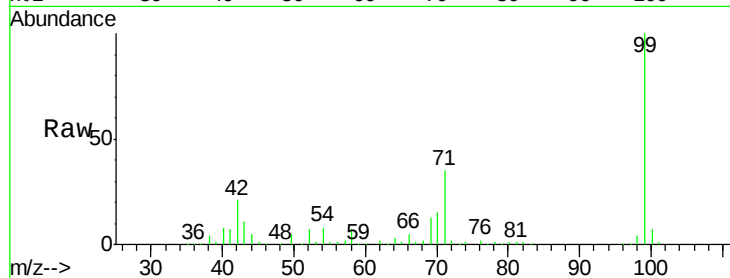
Tgt Ion: 99 Resp: 352329

Ion Ratio Lower Upper

99 100

42 21.1 13.7 20.5#

71 34.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.30 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080071.D

Acq: 20 Jun 2015 00:14

Tgt Ion: 70 Resp: 27300

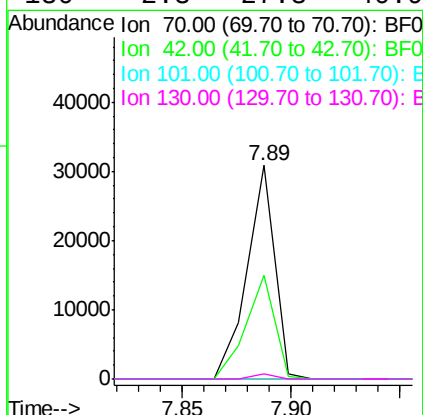
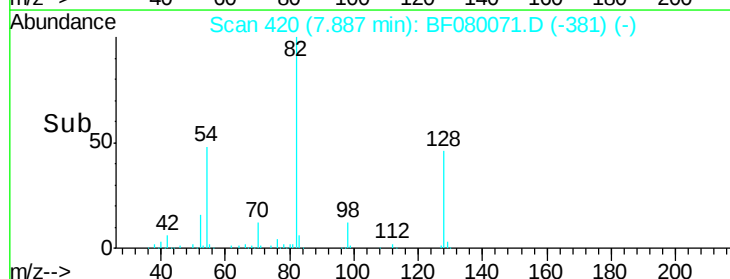
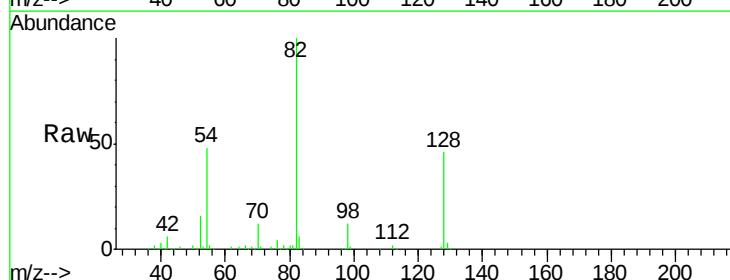
Ion Ratio Lower Upper

70 100

42 48.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

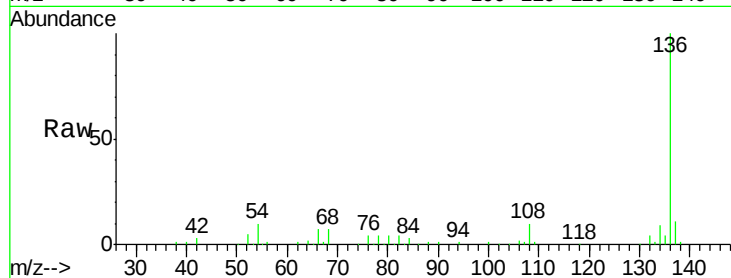




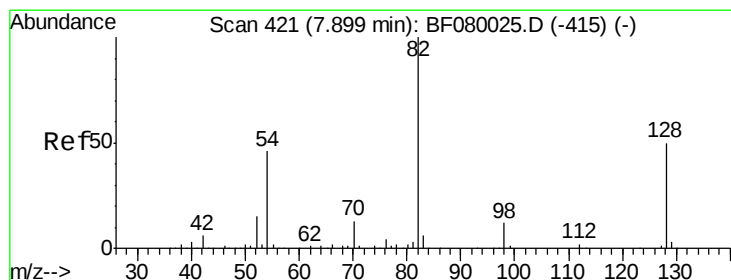
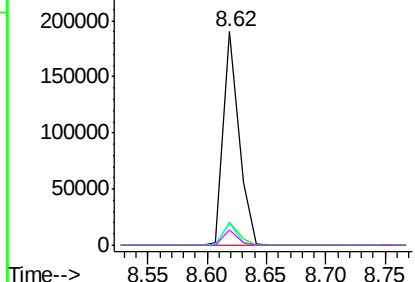
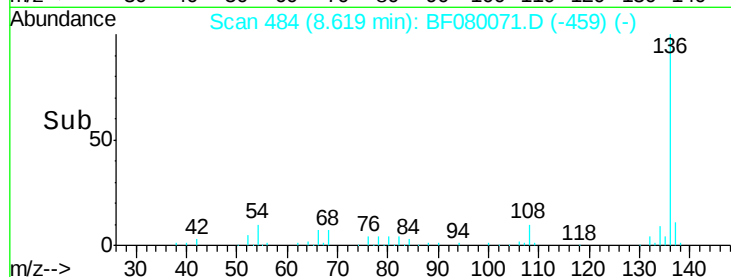
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Instrument :
BNA_F
ClientSampleId :
PB84121BL

Tgt Ion:	136	Resp:	172396
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.9	8.2	12.2
68	7.2	5.8	8.6

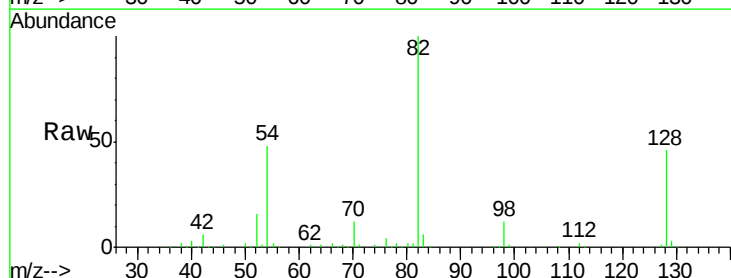


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

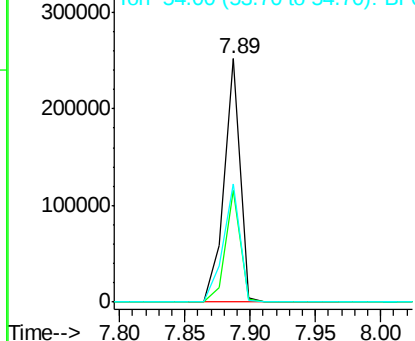
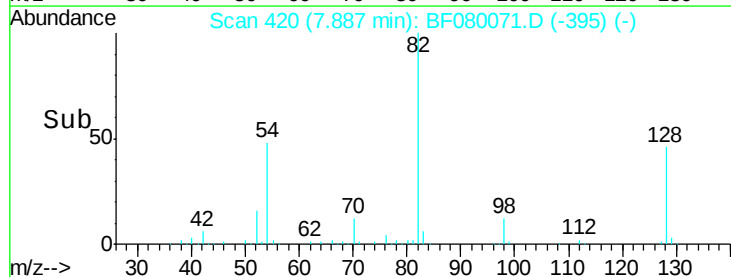


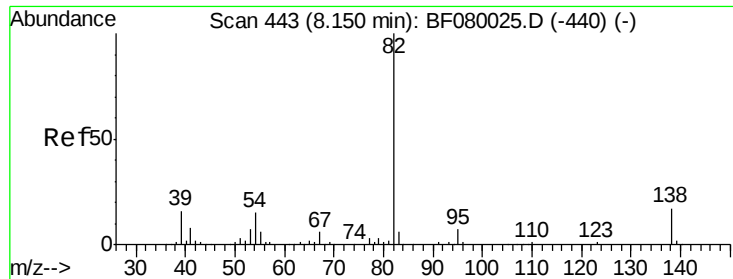
#23
Nitrobenzene-d5
Concen: 73.35 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Tgt Ion:	82	Resp:	217209
Ion	Ratio	Lower	Upper
82	100		
128	45.8	51.0	76.6#
54	48.5	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: 36.45 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080071.D

Acq: 20 Jun 2015 00:14

Instrument :

BNA_F

ClientSampleId :

PB84121BL

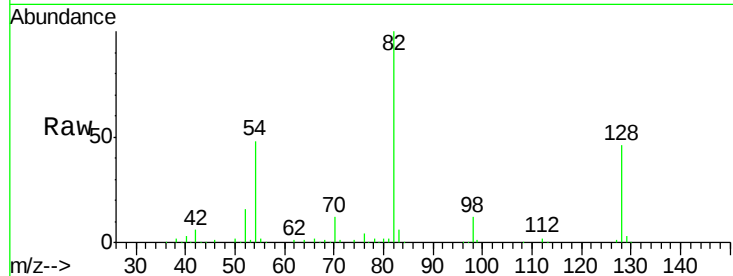
Tgt Ion: 82 Resp: 217202

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

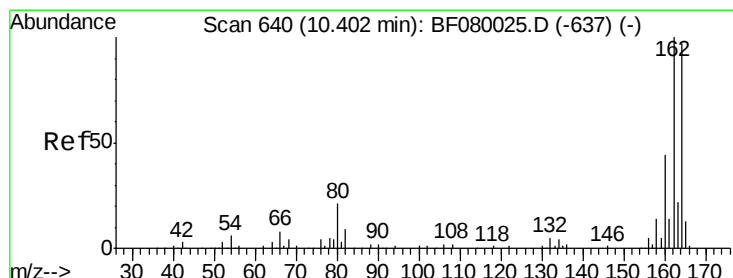
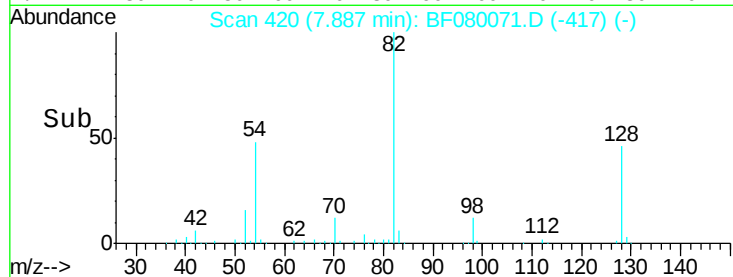
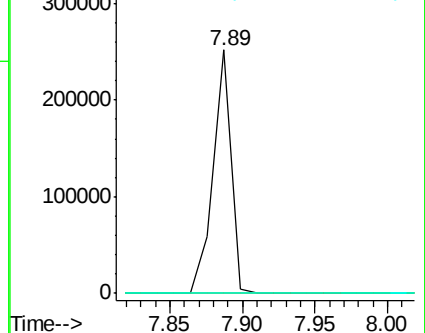
138 0.0 18.3 27.5#



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. -0.01 min

Lab File: BF080071.D

Acq: 20 Jun 2015 00:14

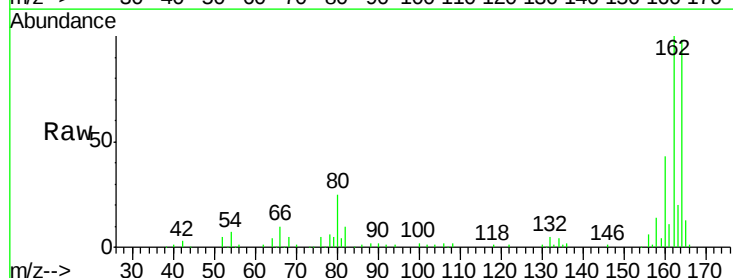
Tgt Ion: 164 Resp: 90738

Ion Ratio Lower Upper

164 100

162 102.0 75.2 112.8

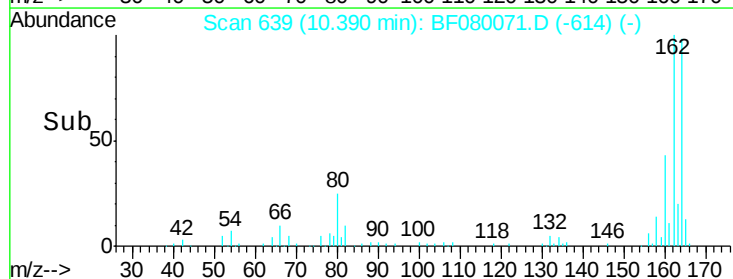
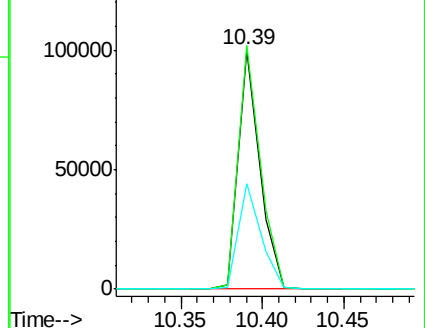
160 44.3 31.5 47.3



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

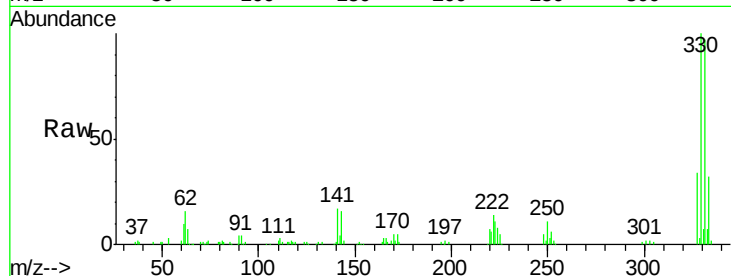




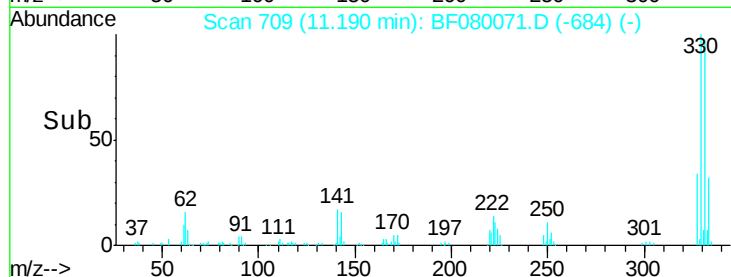
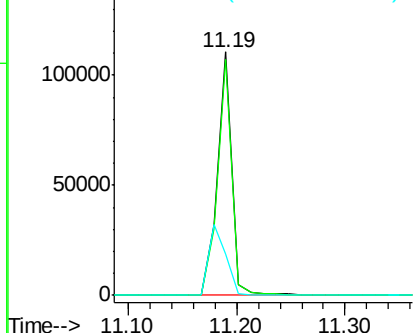
#41
 2,4,6-Tribromophenol
 Concen: 117.38 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080071.D
 Acq: 20 Jun 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 PB84121BL

Tgt Ion:330 Resp: 104147
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.0 29.7 44.5

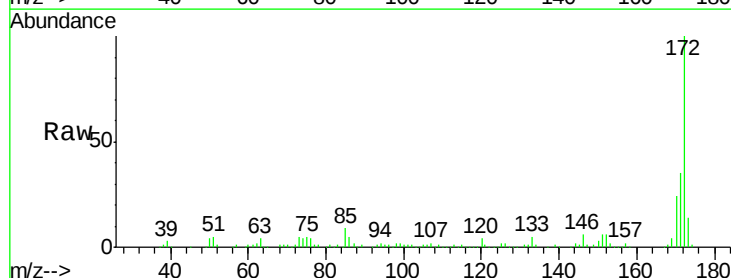


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

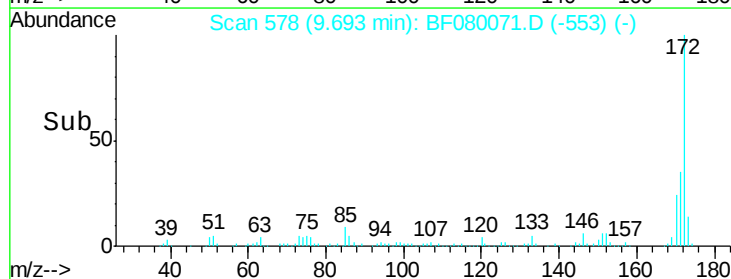
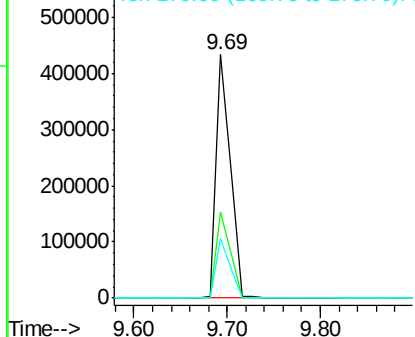


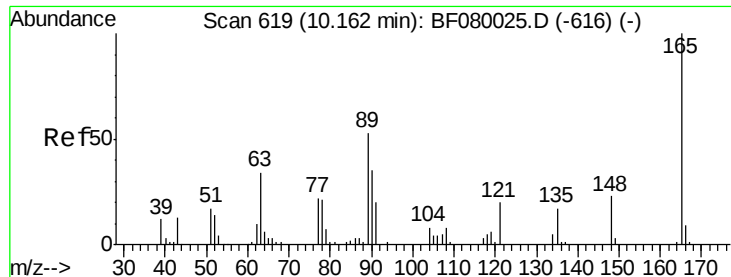
#44
 2-Fluorobiphenyl
 Concen: 70.99 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080071.D
 Acq: 20 Jun 2015 00:14

Tgt Ion:172 Resp: 451680
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.1 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

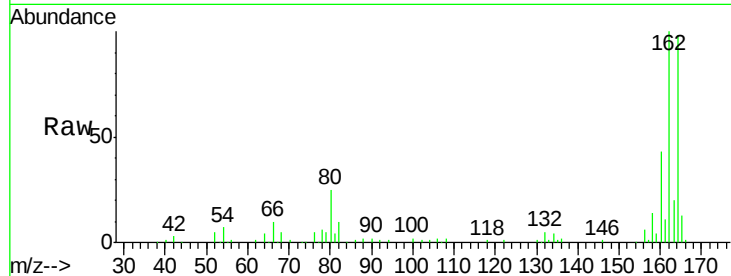




#50
 2,6-Dinitrotoluene
 Concen: 8.31 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080071.D
 Acq: 20 Jun 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 PB84121BL

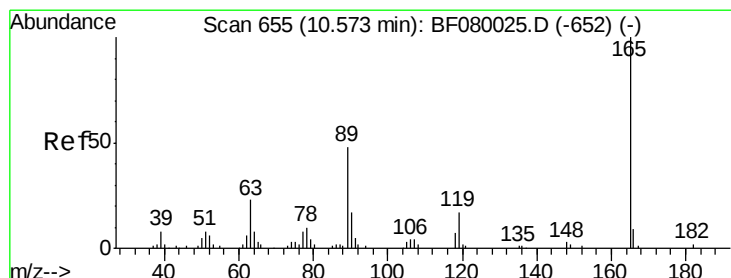
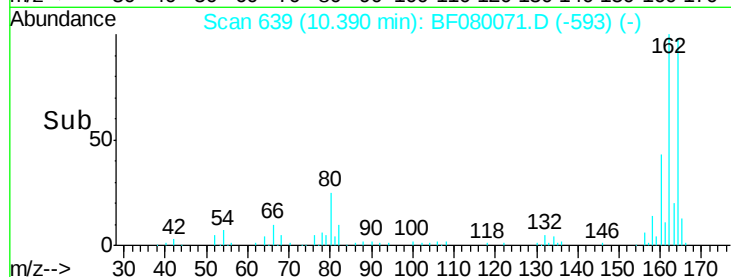
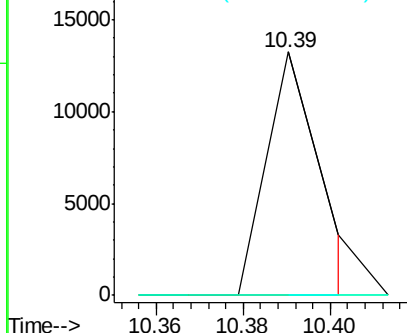
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

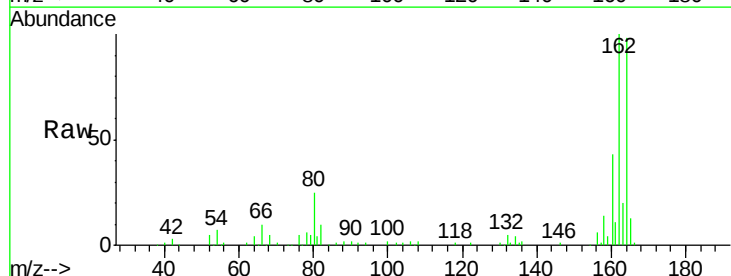
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080071.D
 Acq: 20 Jun 2015 00:14

Tgt 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#

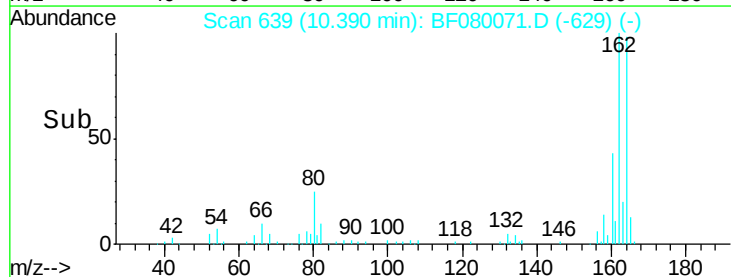
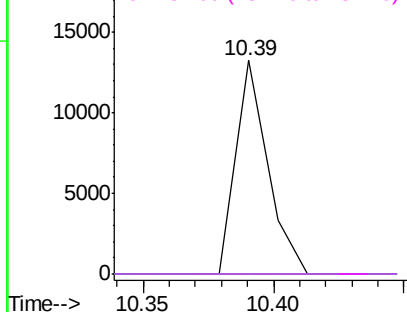


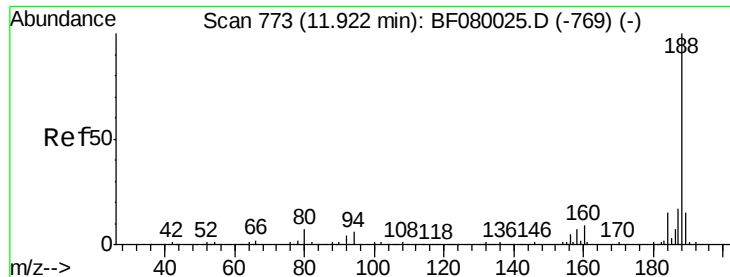
Abundance Ion 165.00 (164.70 to 165.70): E

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

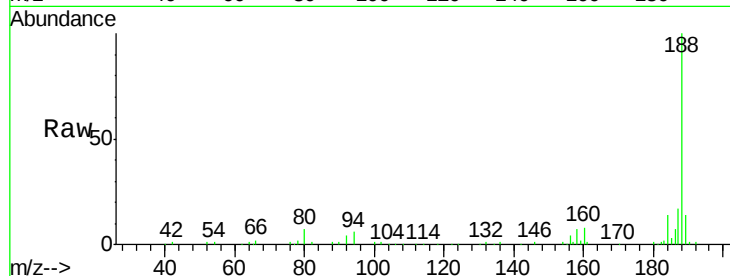




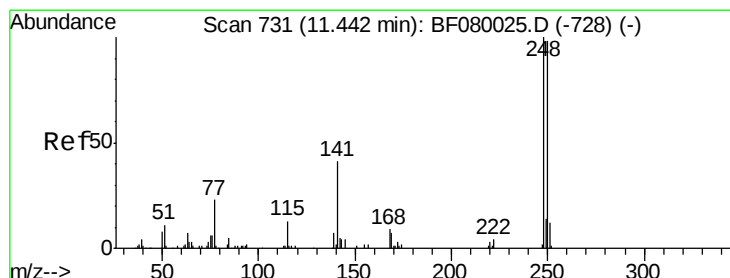
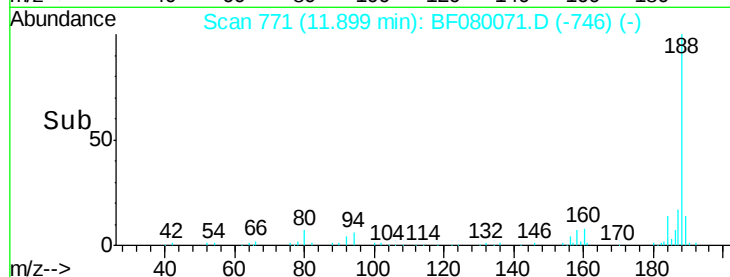
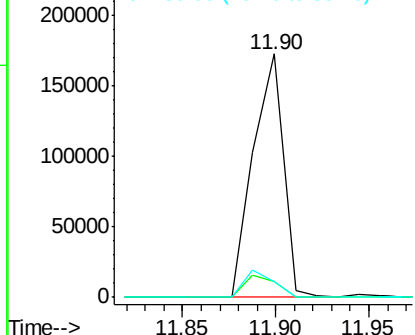
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Instrument :
BNA_F
ClientSampleId :
PB84121BL

Tgt Ion:188 Resp: 192913
Ion Ratio Lower Upper
188 100
94 6.3 11.1 16.7#
80 6.7 11.0 16.4#

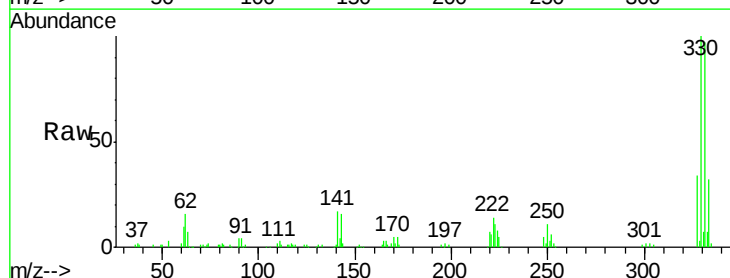


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

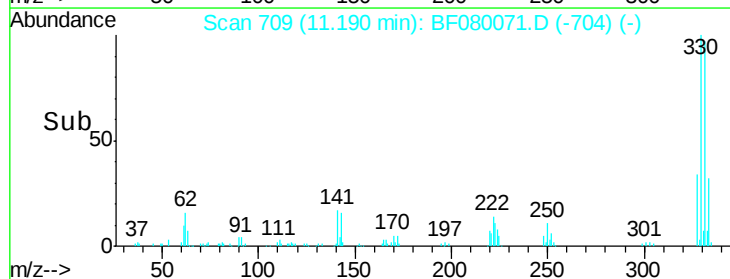
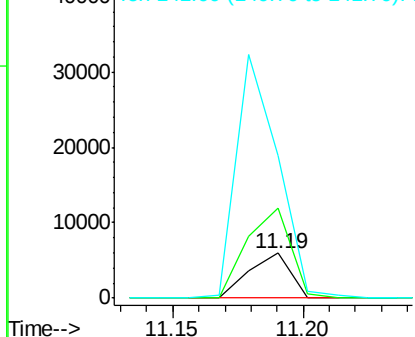


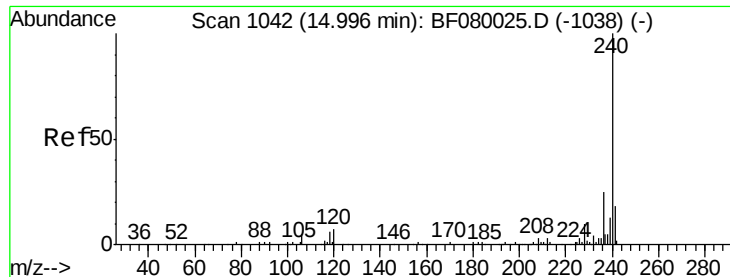
#66
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Tgt Ion:248 Resp: 6522
Ion Ratio Lower Upper
248 100
250 201.9 78.5 117.7#
141 320.1 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. -0.10 min

Lab File: BF080071.D

Acq: 20 Jun 2015 00:14

Instrument :

BNA_F

ClientSampleId :

PB84121BL

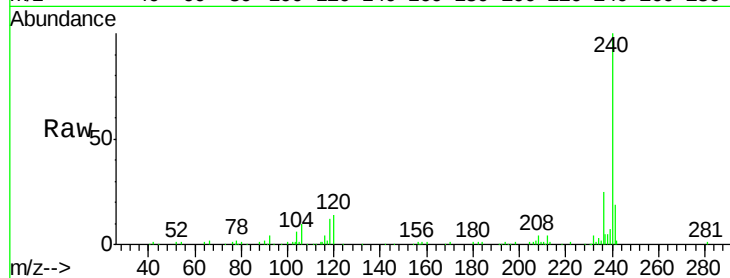
Tgt Ion:240 Resp: 213963

Ion Ratio Lower Upper

240 100

120 14.3 16.2 24.2#

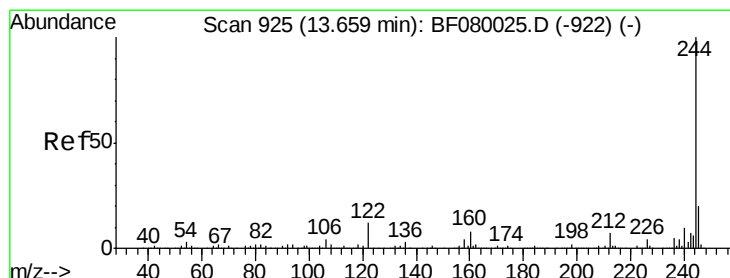
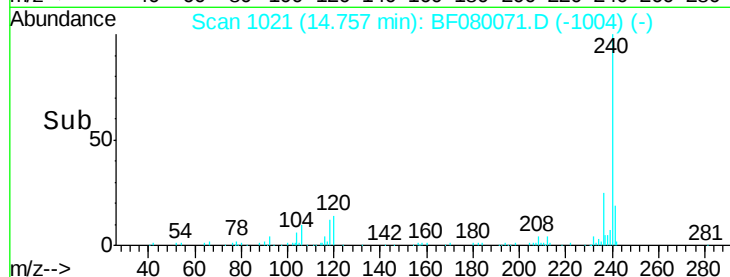
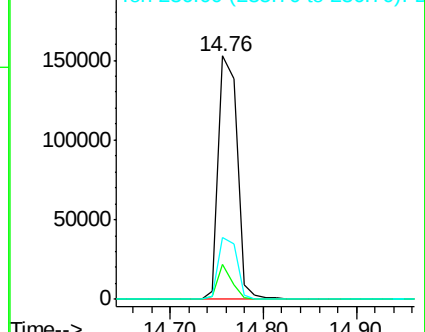
236 25.4 18.4 27.6



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: 70.71 ng

RT: 13.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF080071.D

Acq: 20 Jun 2015 00:14

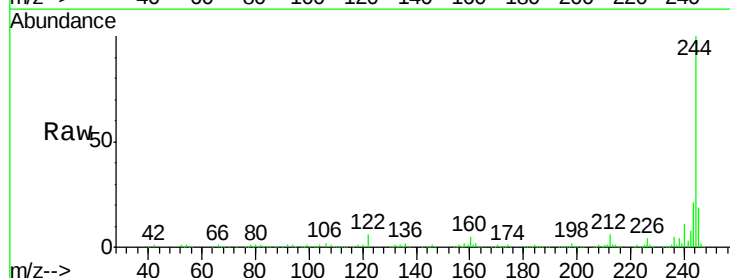
Tgt Ion:244 Resp: 647789

Ion Ratio Lower Upper

244 100

212 6.1 4.3 6.5

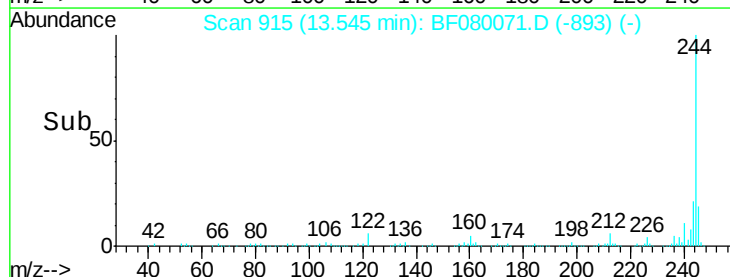
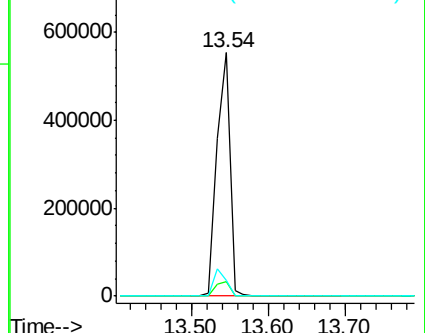
122 6.4 17.4 26.2#

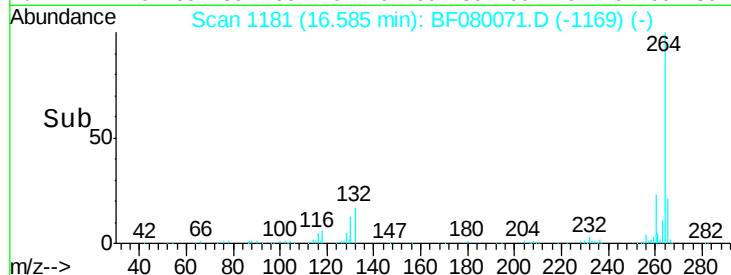
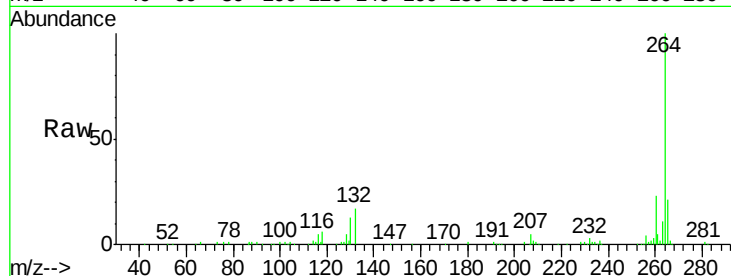
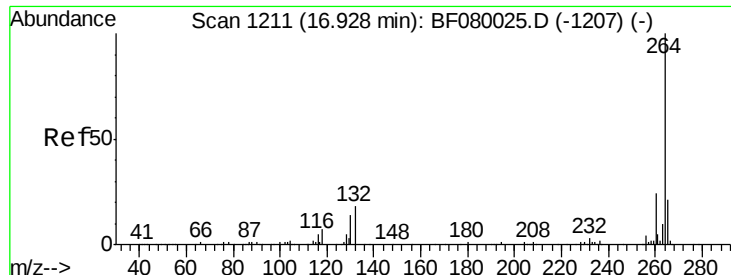


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.59 min Scan# 1181
Delta R.T. -0.16 min
Lab File: BF080071.D
Acq: 20 Jun 2015 00:14

Instrument :
BNA_F
ClientSampleId :
PB84121BL

Tgt Ion:	264	Resp:	200636
Ion Ratio	Lower	Upper	
264	100		
260	23.2	16.7	25.1
265	21.1	17.2	25.8

