

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080132.D
 Acq On : 24 Jun 2015 15:14
 Operator : TP/IZ
 Sample : PB84172BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BL

Quant Time: Jun 25 00:58:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

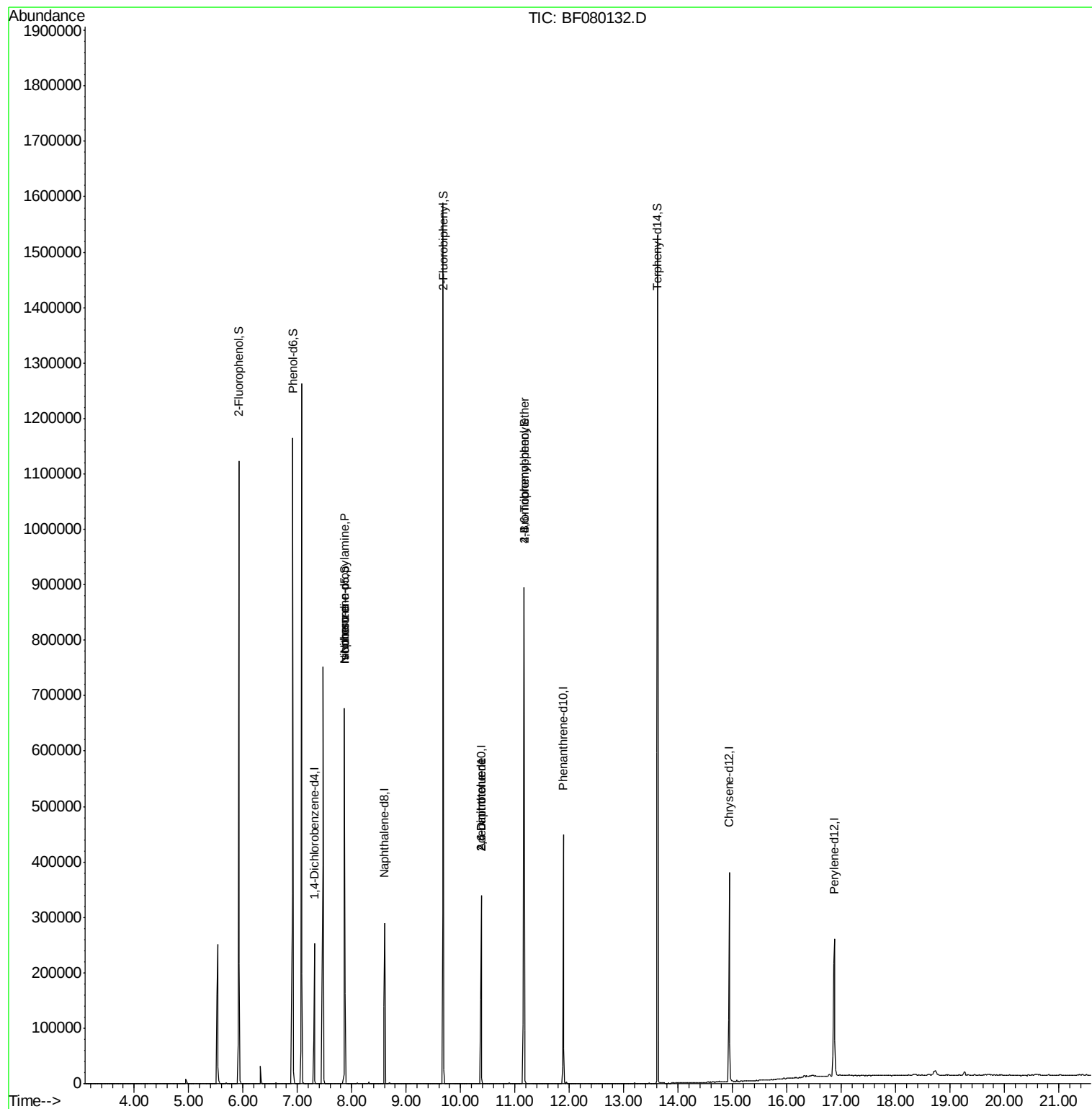
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	40521	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	149777	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	74885	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	156703	20.00	ng	0.00
75) Chrysene-d12	14.94	240	155688	20.00	ng	0.01
86) Perylene-d12	16.87	264	158129	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	278324	121.59	ng	0.00
7) Phenol-d6	6.92	99	389920	128.00	ng	0.00
23) Nitrobenzene-d5	7.86	82	202499	78.71	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	90969	124.23	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	463260	88.22	ng	0.00
78) Terphenyl-d14	13.63	244	545943	81.90	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	26992	12.76	ng	# 63
25) Isophorone	7.86	82	198554	38.35	ng	# 58
50) 2,6-Dinitrotoluene	10.38	165	9701	8.60	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	9701	6.77	ng	# 31
66) 4-Bromophenyl-phenylether	11.17	248	6630	3.98	ng	# 1

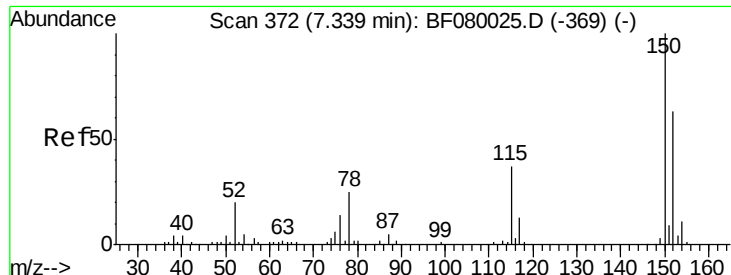
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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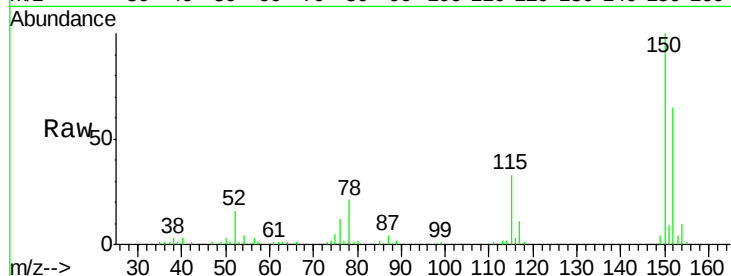


#1

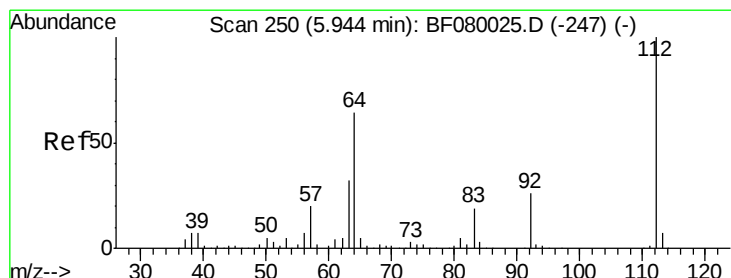
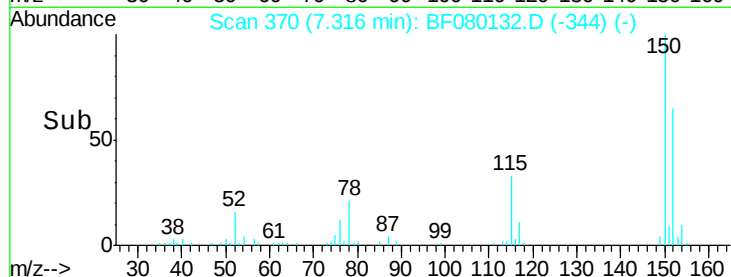
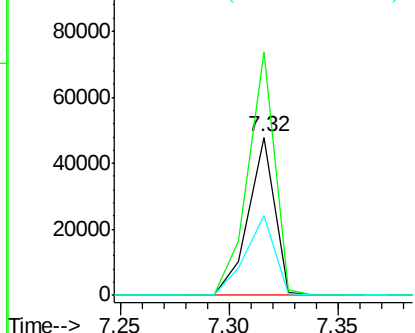
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF080132.D
Acq: 24 Jun 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB84172BL

Tgt Ion:152 Resp: 40521
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 50.6 39.0 58.4



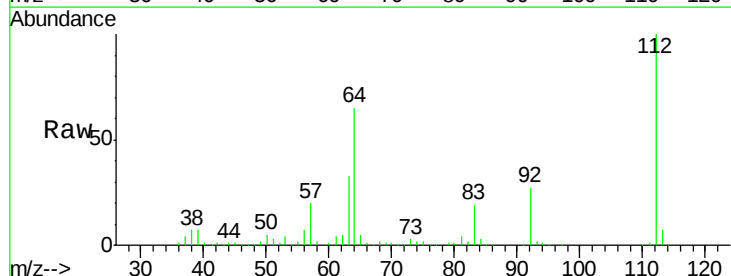
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



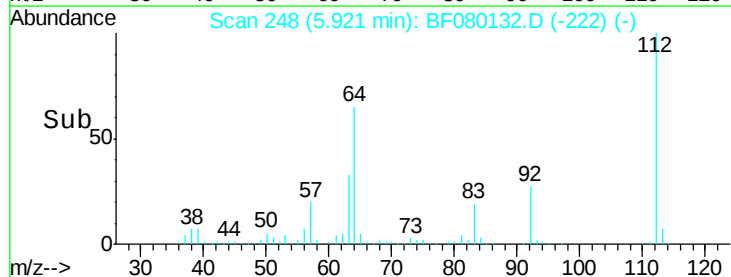
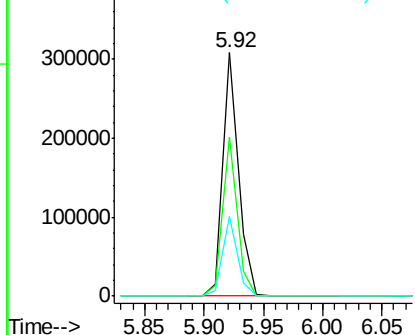
#5

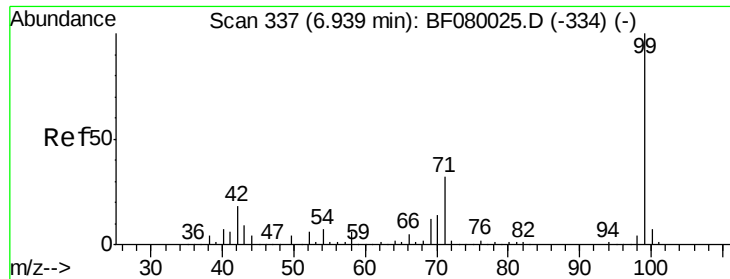
2-Fluorophenol
Concen: 121.59 ng
RT: 5.92 min Scan# 248
Delta R.T. -0.00 min
Lab File: BF080132.D
Acq: 24 Jun 2015 15:14

Tgt Ion:112 Resp: 278324
Ion Ratio Lower Upper
112 100
64 65.3 39.7 59.5#
63 32.5 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: 128.00 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080132.D

Acq: 24 Jun 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB84172BL

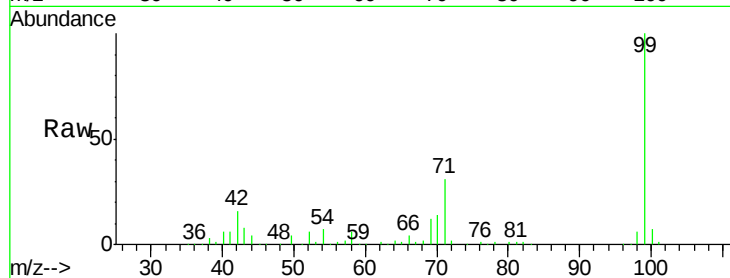
Tgt Ion: 99 Resp: 389920

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

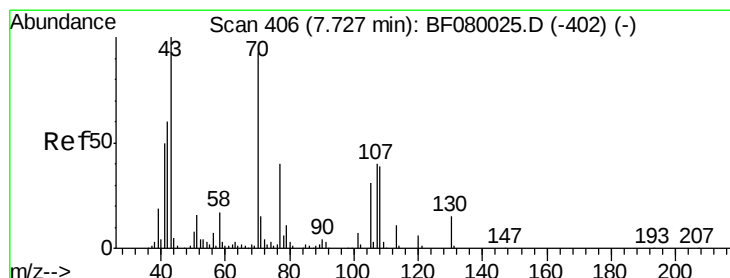
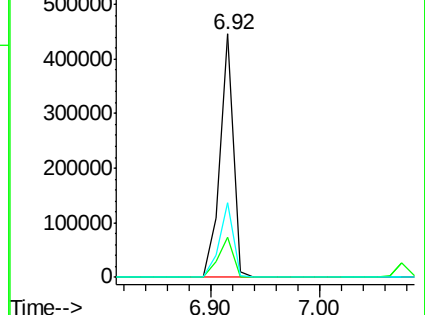
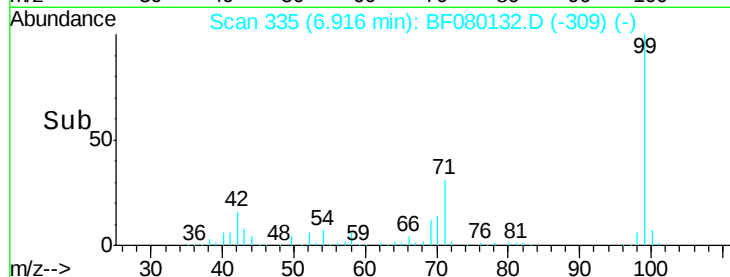
71 30.8 14.2 21.2#



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: 12.76 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080132.D

Acq: 24 Jun 2015 15:14

Tgt Ion: 70 Resp: 26992

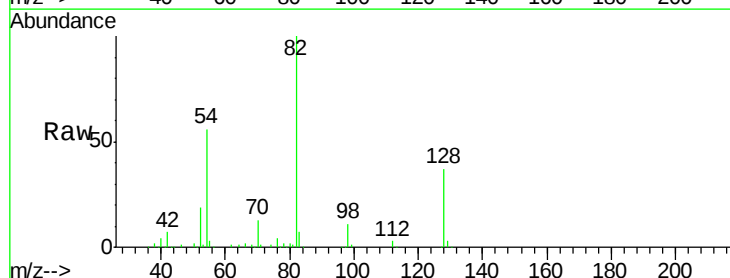
Ion Ratio Lower Upper

70 100

42 53.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

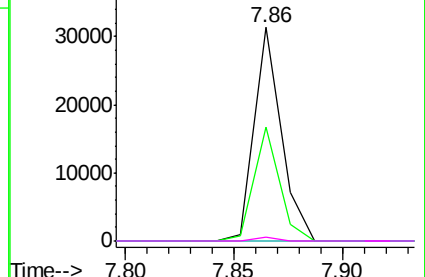
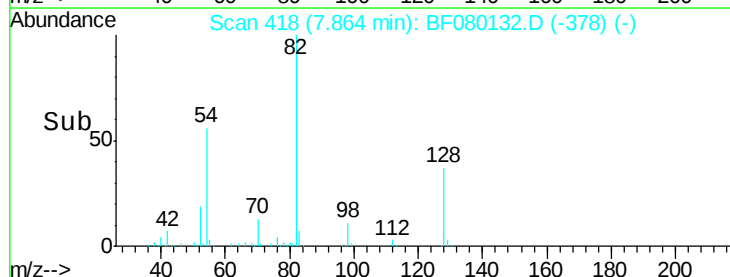


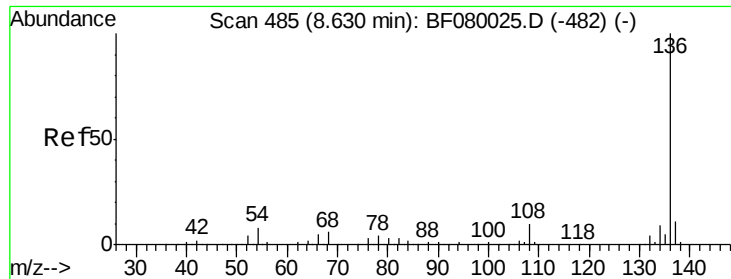
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

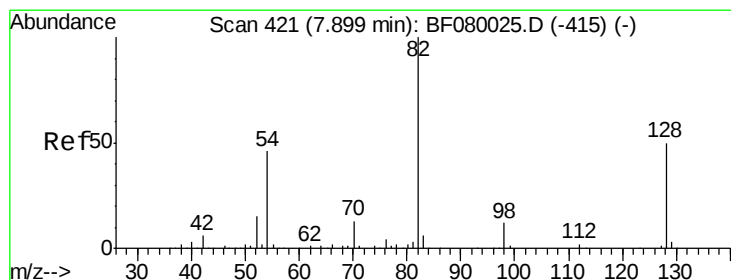
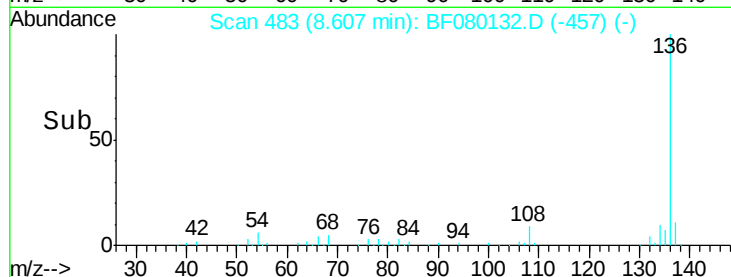
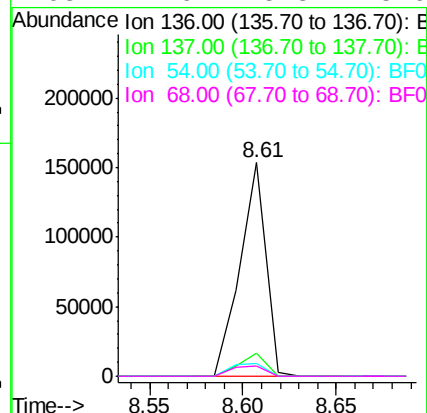
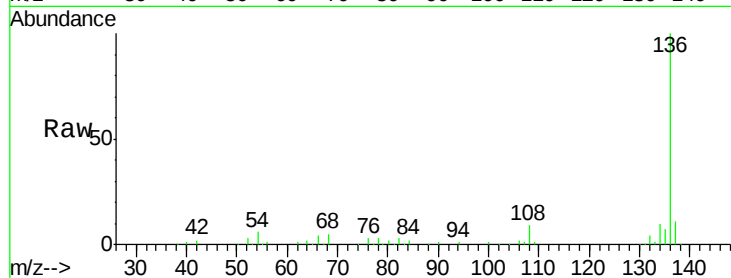




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080132.D
Acq: 24 Jun 2015 15:14

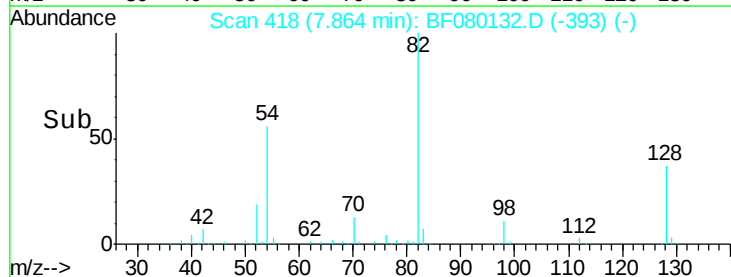
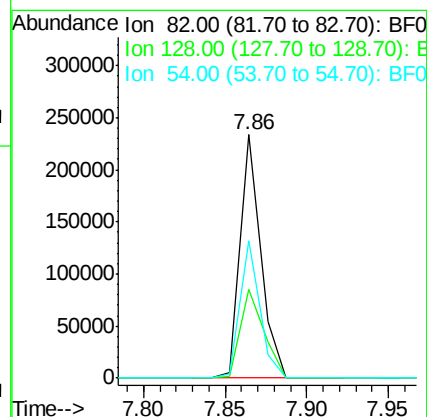
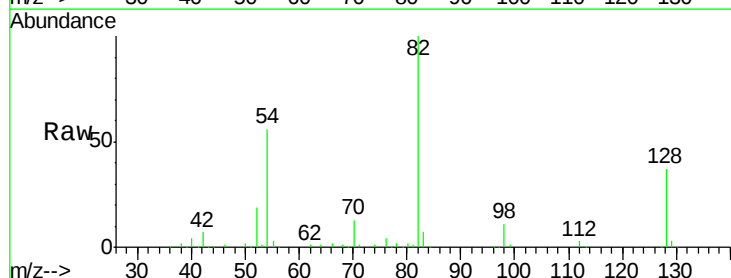
Instrument :
BNA_F
ClientSampleId :
PB84172BL

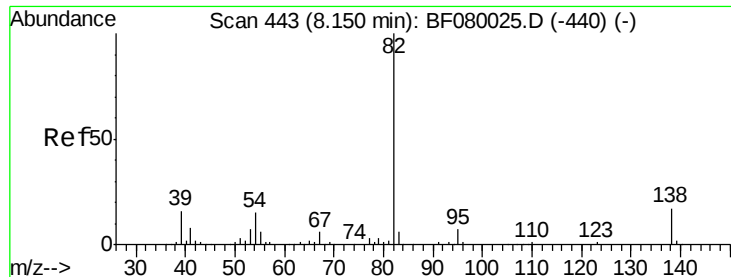
Tgt Ion:	136	Resp:	149777
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	8.2	12.2#
68	4.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 78.71 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080132.D
Acq: 24 Jun 2015 15:14

Tgt Ion:	82	Resp:	202499
Ion	Ratio	Lower	Upper
82	100		
128	36.7	51.0	76.6#
54	56.2	47.5	71.3





#25

Isophorone

Concen: 38.35 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080132.D

Acq: 24 Jun 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB84172BL

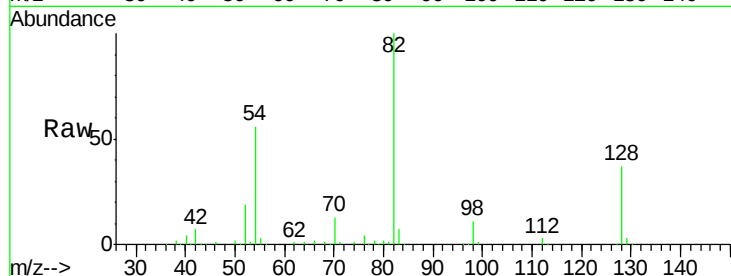
Tgt Ion: 82 Resp: 198554

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

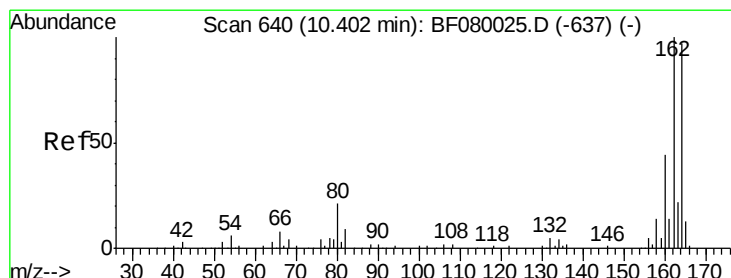
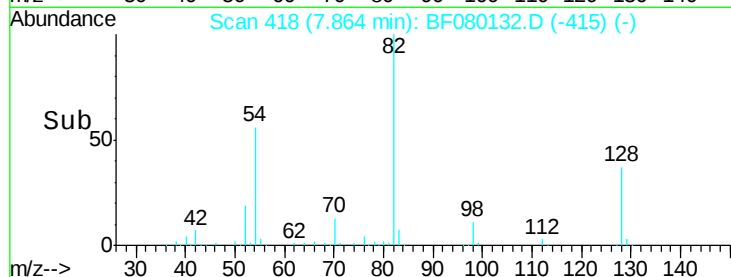
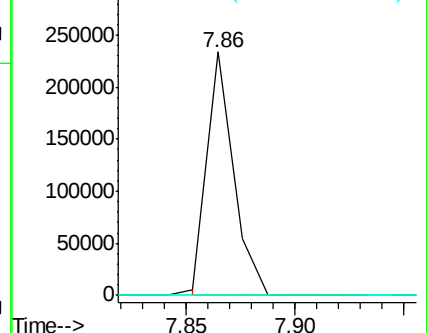
138 0.0 18.3 27.5#



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: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080132.D

Acq: 24 Jun 2015 15:14

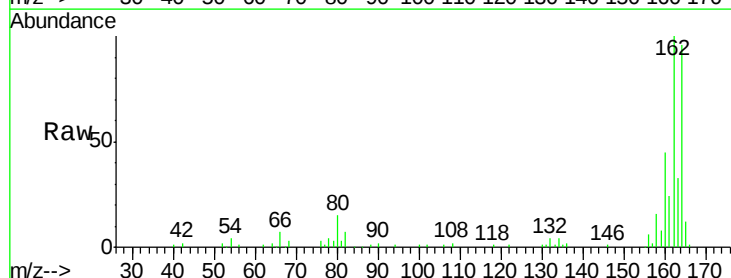
Tgt Ion: 164 Resp: 74885

Ion Ratio Lower Upper

164 100

162 104.0 75.2 112.8

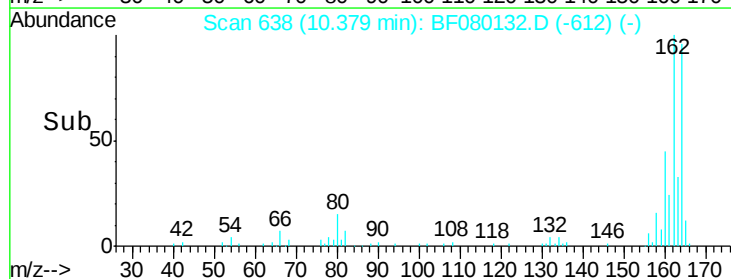
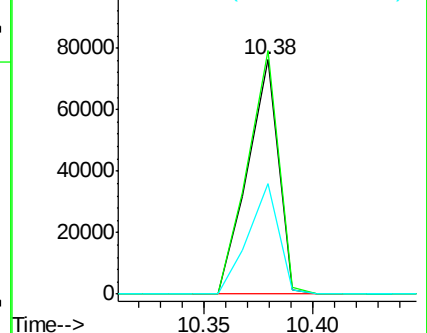
160 47.2 31.5 47.3

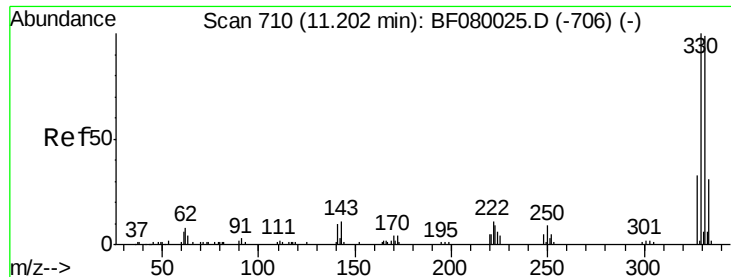


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

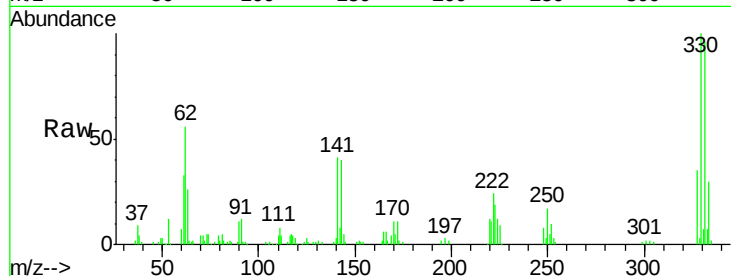




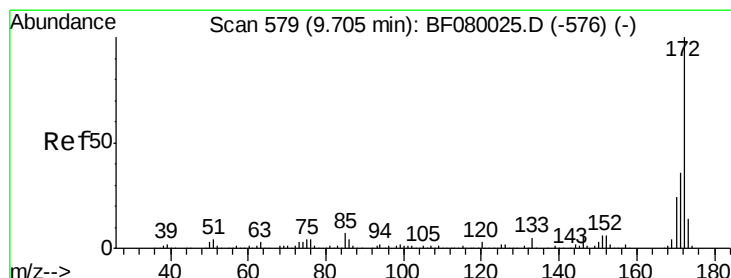
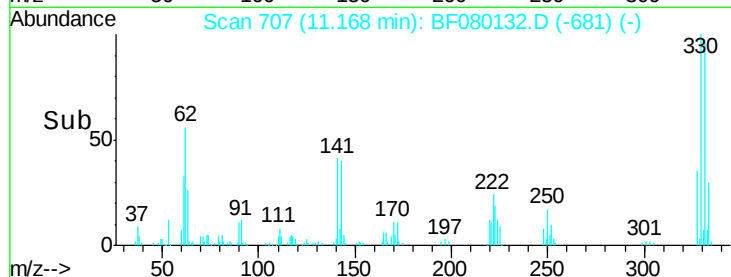
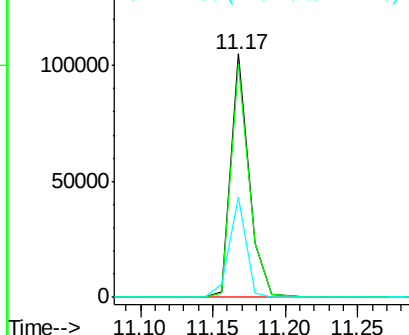
#41
 2,4,6-Tribromophenol
 Concen: 124.23 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080132.D
 Acq: 24 Jun 2015 15:14

Instrument :
 BNA_F
 ClientSampled :
 PB84172BL

Tgt Ion:330 Resp: 90969
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 38.4 29.7 44.5

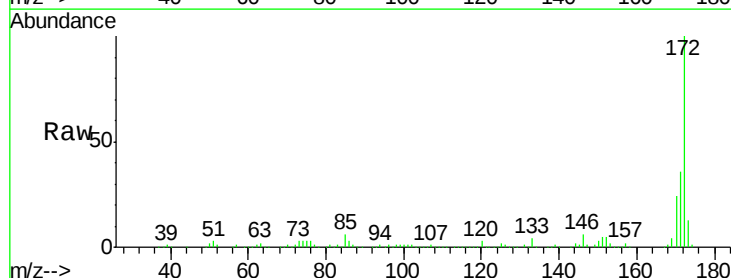


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

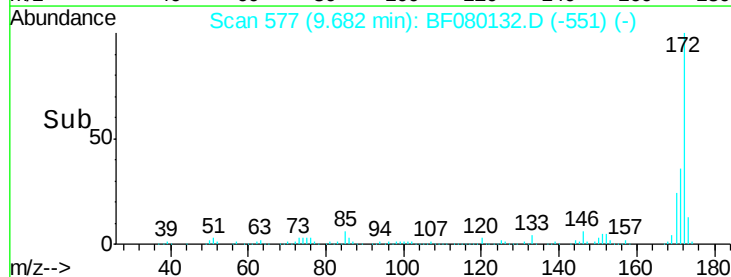
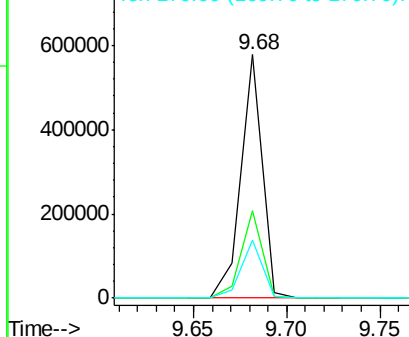


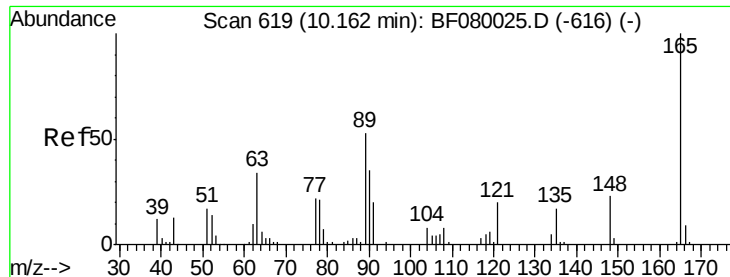
#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080132.D
 Acq: 24 Jun 2015 15:14

Tgt Ion:172 Resp: 463260
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.9 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

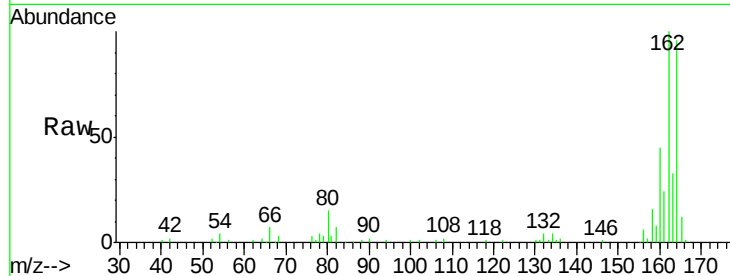




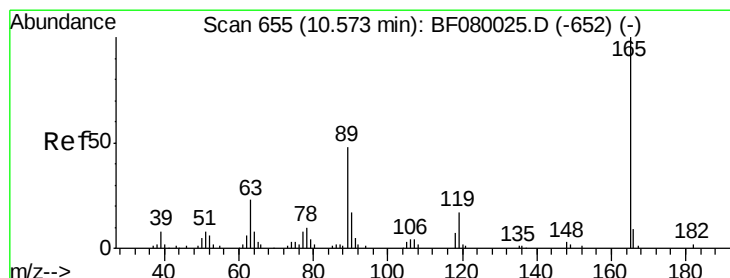
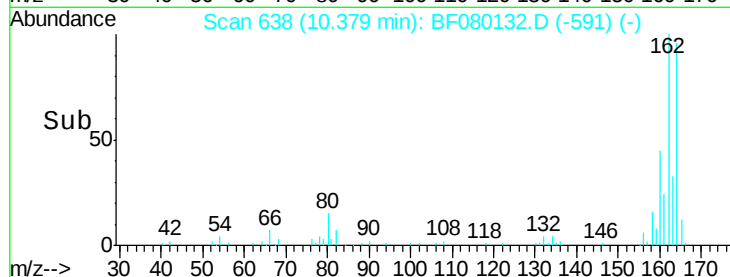
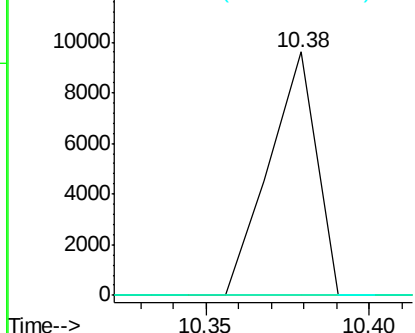
#50
 2,6-Dinitrotoluene
 Concen: 8.60 ng
 RT: 10.38 min Scan# 638
 Delta R.T. 0.24 min
 Lab File: BF080132.D
 Acq: 24 Jun 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BL

Tgt Ion:165 Resp: 9701
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#



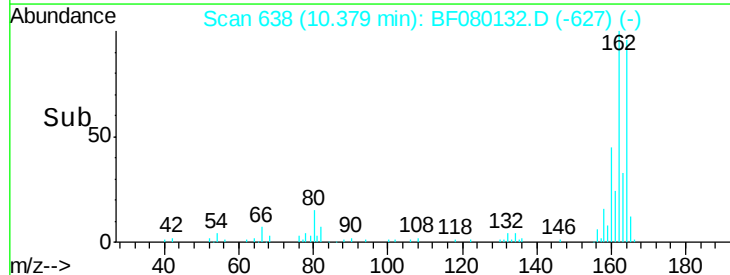
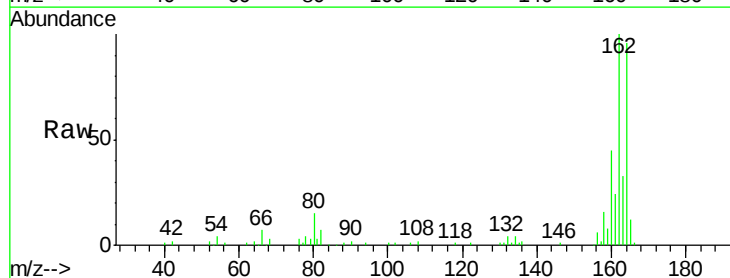
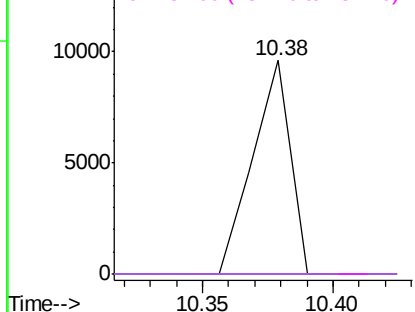
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

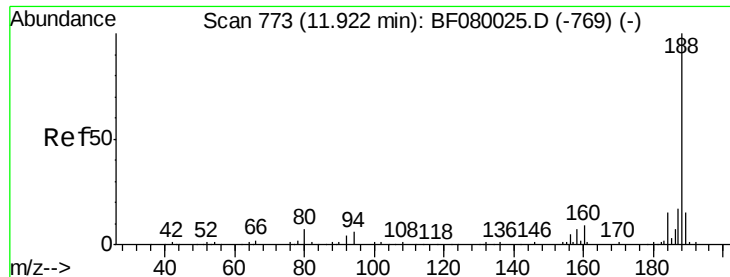


#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080132.D
 Acq: 24 Jun 2015 15:14

Tgt Ion:165 Resp: 9701
 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

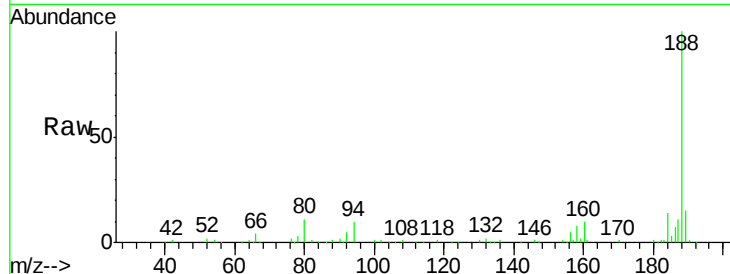




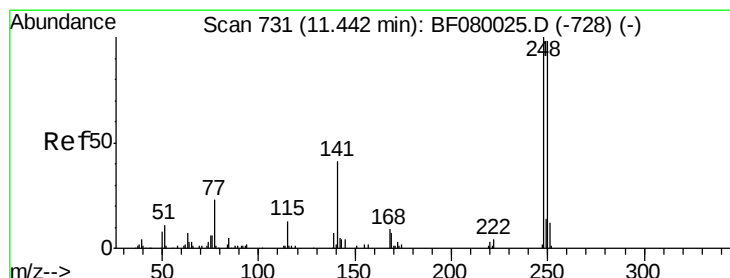
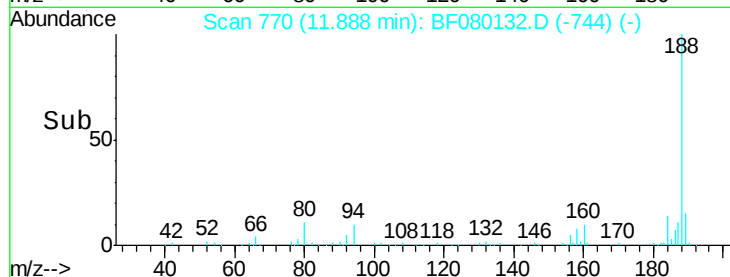
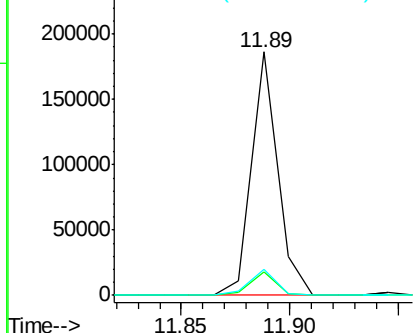
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080132.D
 Acq: 24 Jun 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB84172BL

Tgt Ion:188 Resp: 156703
 Ion Ratio Lower Upper
 188 100
 94 9.8 11.1 16.7#
 80 10.8 11.0 16.4#

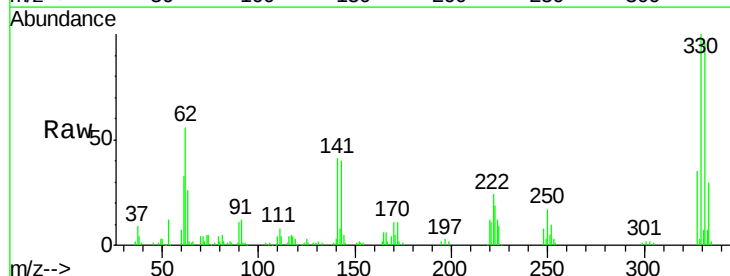


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

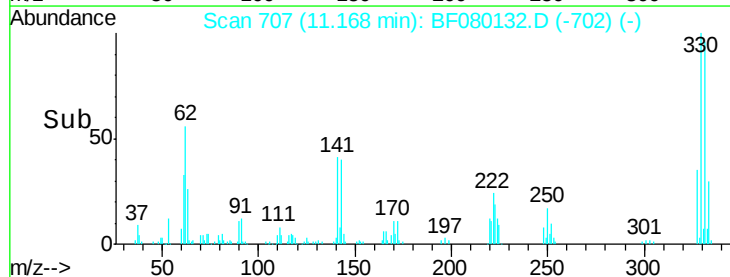
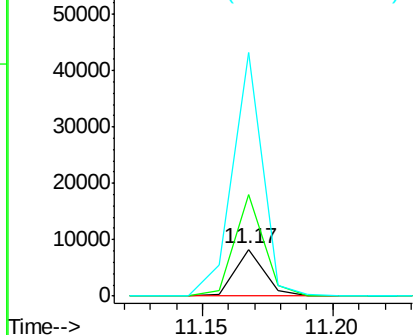


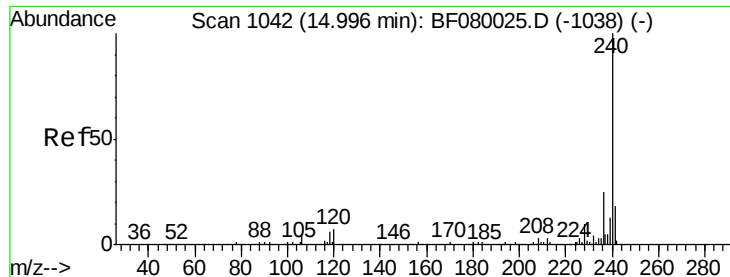
#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.24 min
 Lab File: BF080132.D
 Acq: 24 Jun 2015 15:14

Tgt Ion:248 Resp: 6630
 Ion Ratio Lower Upper
 248 100
 250 214.6 78.5 117.7#
 141 517.8 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: 14.94 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF080132.D

Acq: 24 Jun 2015 15:14

Instrument :

BNA_F

ClientSampleId :

PB84172BL

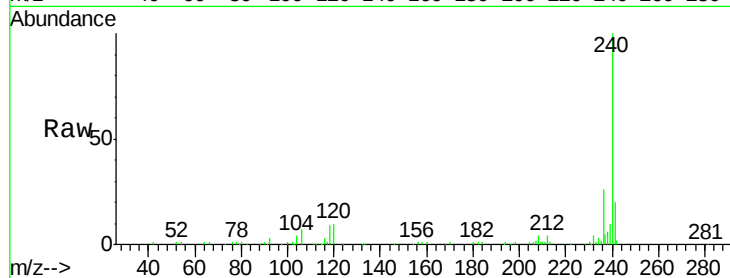
Tgt Ion:240 Resp: 155688

Ion Ratio Lower Upper

240 100

120 9.9 16.2 24.2#

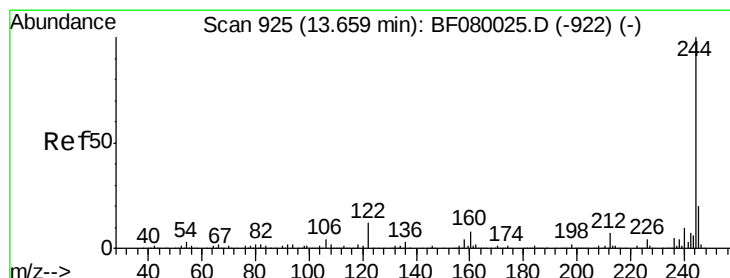
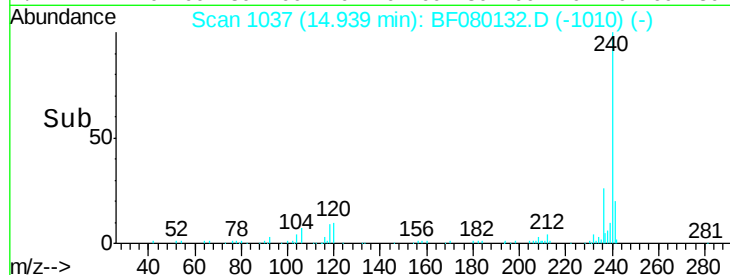
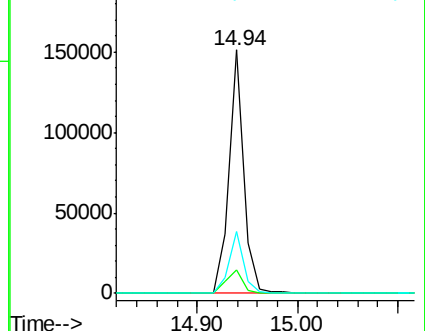
236 25.6 18.4 27.6



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: 81.90 ng

RT: 13.63 min Scan# 922

Delta R.T. 0.01 min

Lab File: BF080132.D

Acq: 24 Jun 2015 15:14

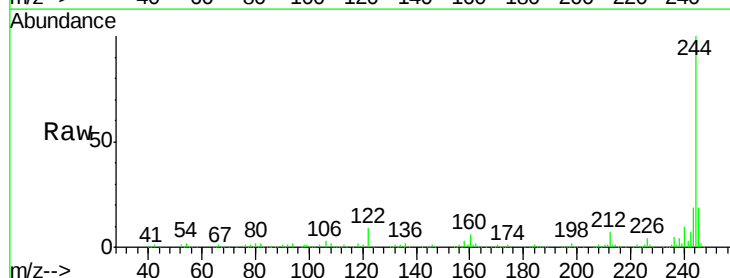
Tgt Ion:244 Resp: 545943

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

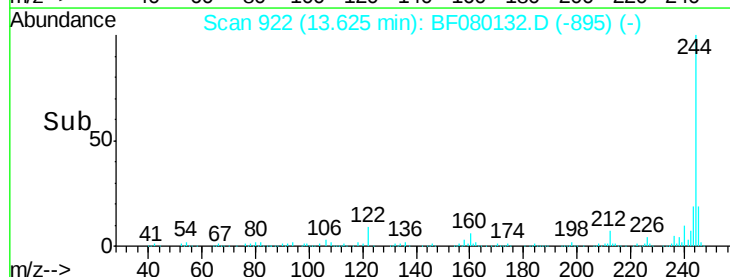
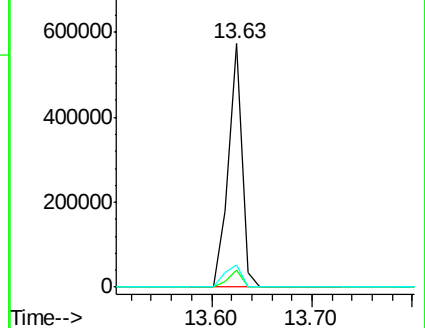
122 9.2 17.4 26.2#

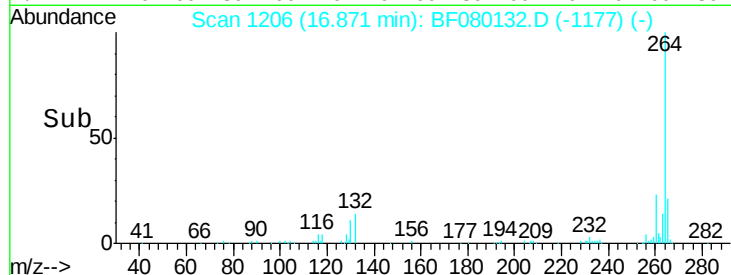
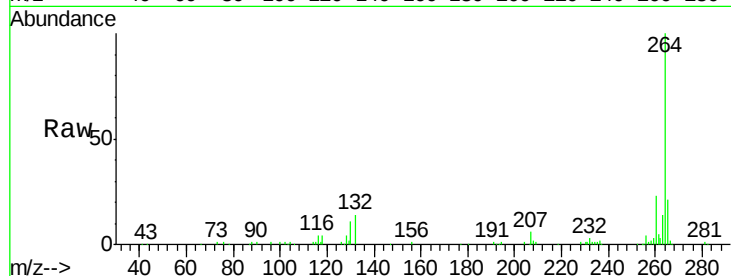
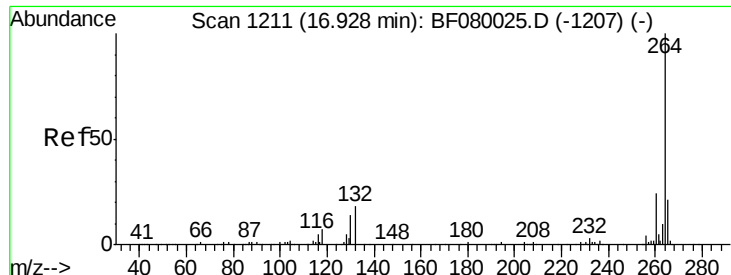


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.87 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BF080132.D
Acq: 24 Jun 2015 15:14

Instrument :
BNA_F
ClientSampleId :
PB84172BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	16.7	25.1
265	21.3	17.2	25.8

