

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080246.D
 Acq On : 30 Jun 2015 19:59
 Operator : TP/IZ
 Sample : G2831-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Quant Time: Jul 01 01:20:12 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

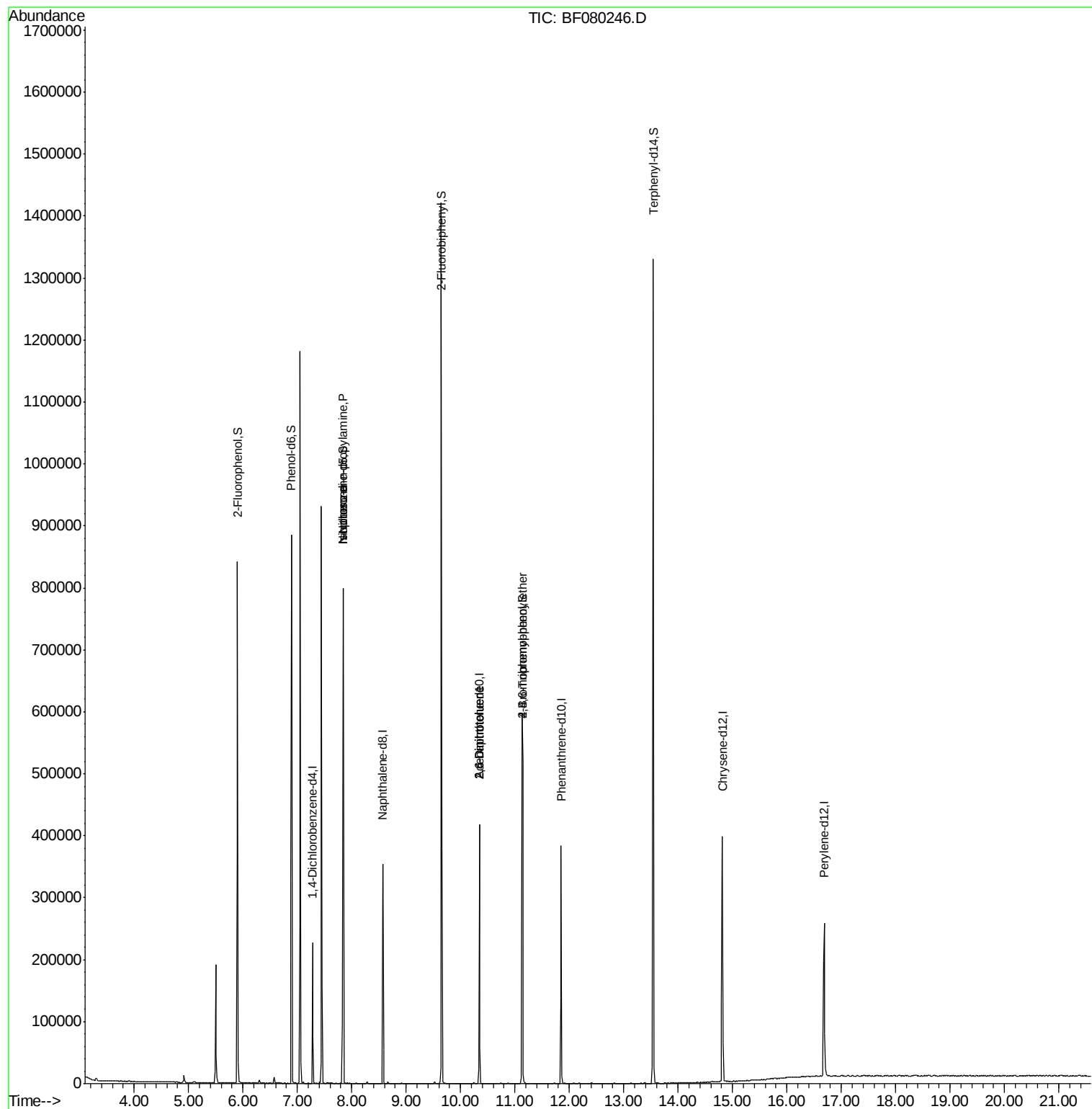
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	35249	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	144692	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	75382	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	156314	20.00	ng	-0.06
75) Chrysene-d12	14.81	240	163669	20.00	ng	-0.18
86) Perylene-d12	16.69	264	150051	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	251447	126.27	ng	-0.03
7) Phenol-d6	6.89	99	319372	120.53	ng	-0.03
23) Nitrobenzene-d5	7.84	82	220598	88.76	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	97404	132.14	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	439481	83.14	ng	-0.05
78) Terphenyl-d14	13.54	244	605705	86.43	ng	-0.13
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.84	70	27880	15.15	ng	# 59
25) Isophorone	7.84	82	220587	44.10	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9527	8.39	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9528	6.61	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6595	3.97	ng	# 1

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

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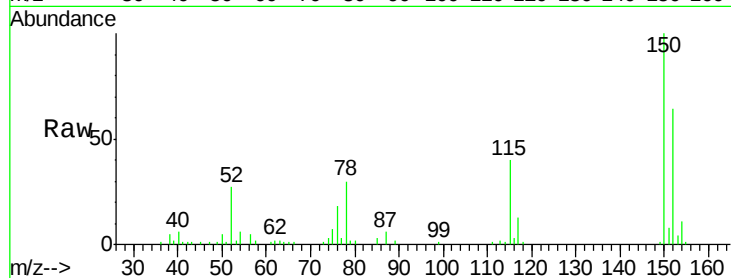


#1

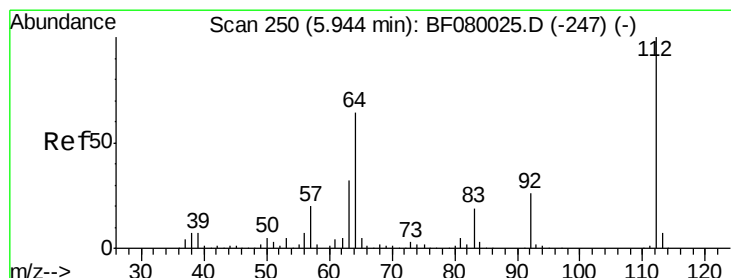
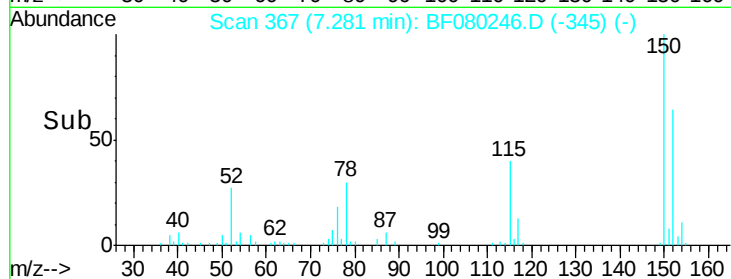
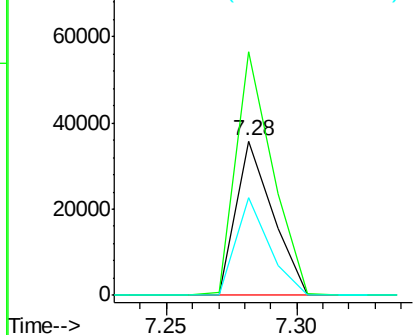
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080246.D
Acq: 30 Jun 2015 19:59

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

Tgt Ion:152 Resp: 35249
Ion Ratio Lower Upper
152 100
150 157.4 124.7 187.1
115 63.3 39.0 58.4#



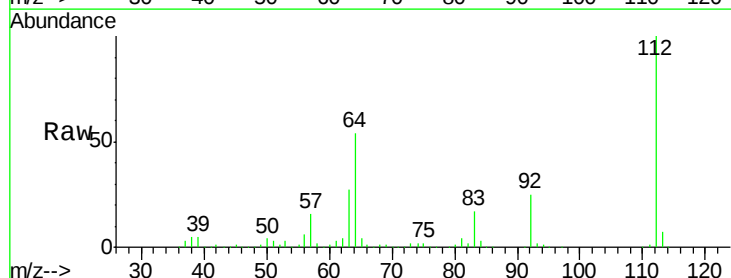
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



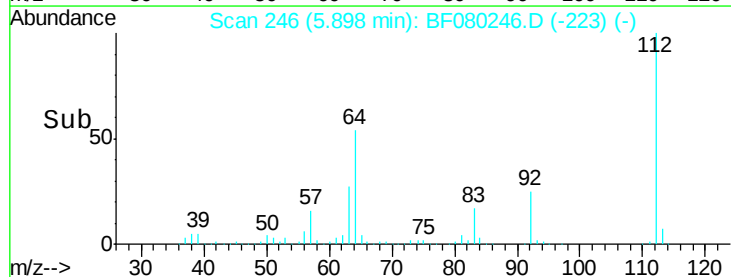
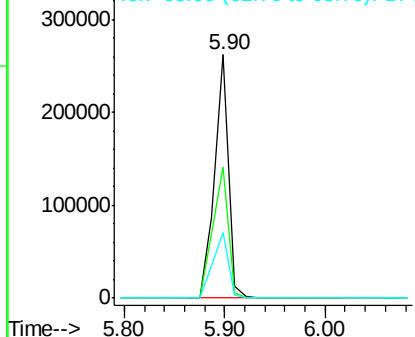
#5

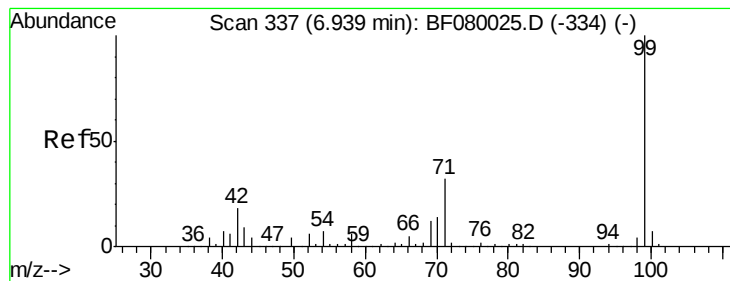
2-Fluorophenol
Concen: 126.27 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080246.D
Acq: 30 Jun 2015 19:59

Tgt Ion:112 Resp: 251447
Ion Ratio Lower Upper
112 100
64 53.9 39.7 59.5
63 26.7 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: 120.53 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

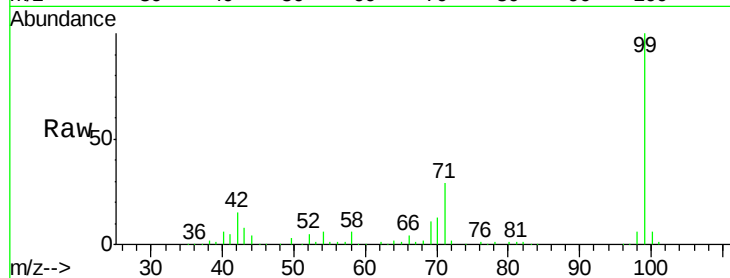
Tgt Ion: 99 Resp: 319372

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

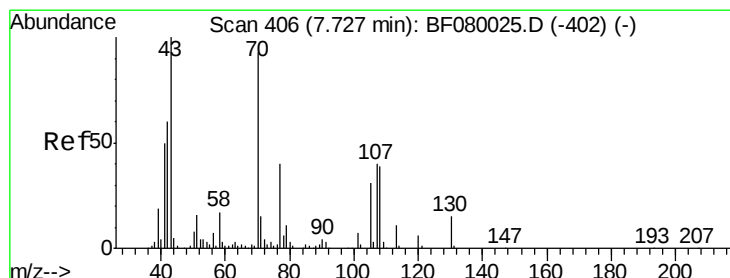
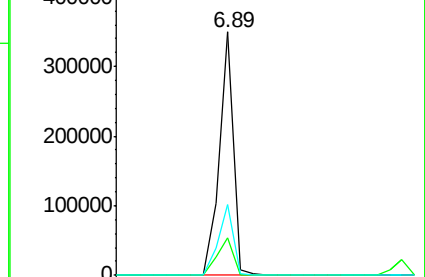
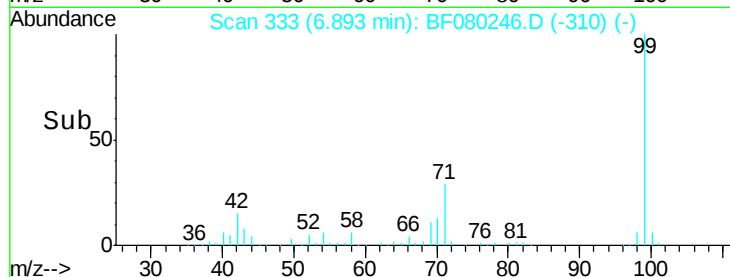
71 29.1 14.2 21.2#



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: 15.15 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

Tgt Ion: 70 Resp: 27880

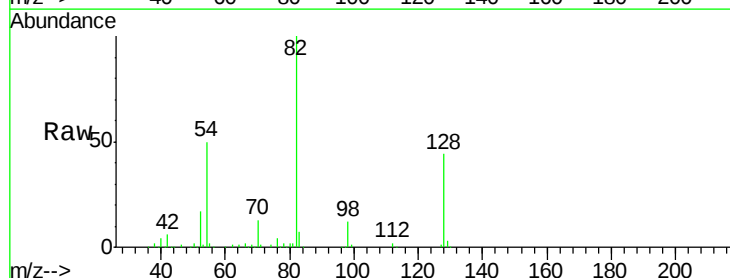
Ion Ratio Lower Upper

70 100

42 48.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

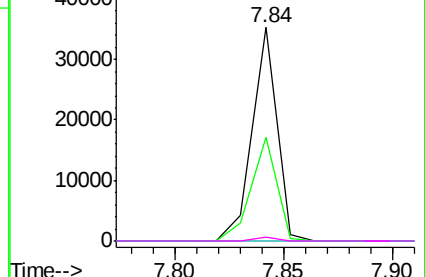
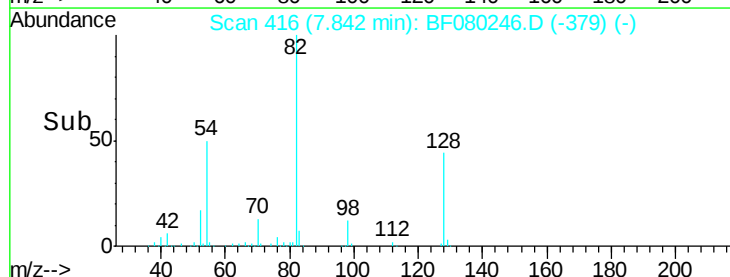


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

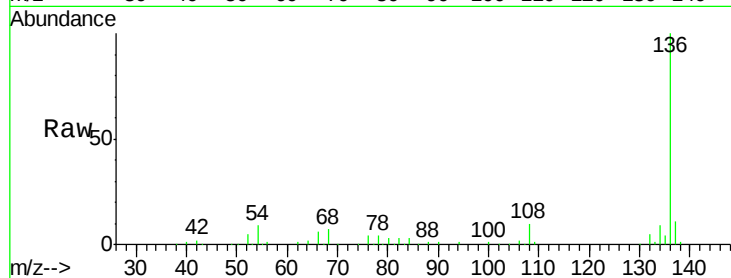




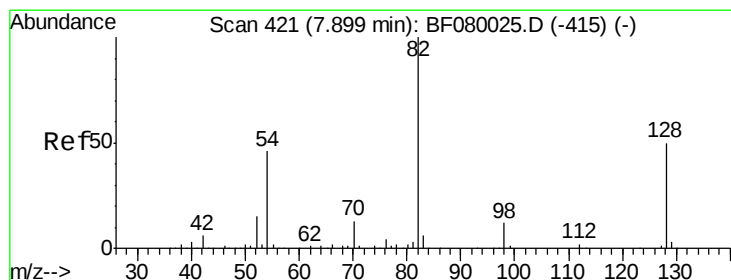
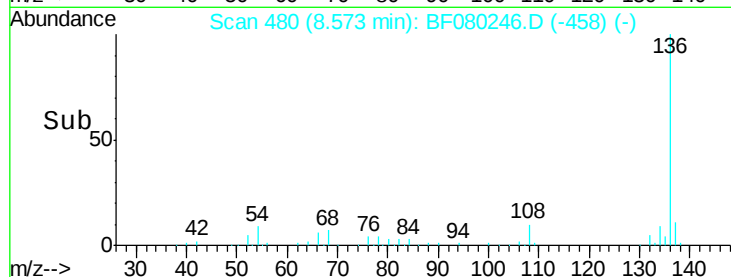
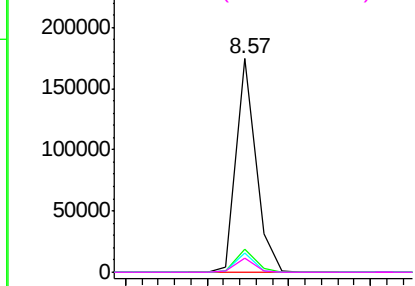
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080246.D
Acq: 30 Jun 2015 19:59

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

Tgt Ion:	136	Resp:	144692
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.9	8.2	12.2
68	6.7	5.8	8.6

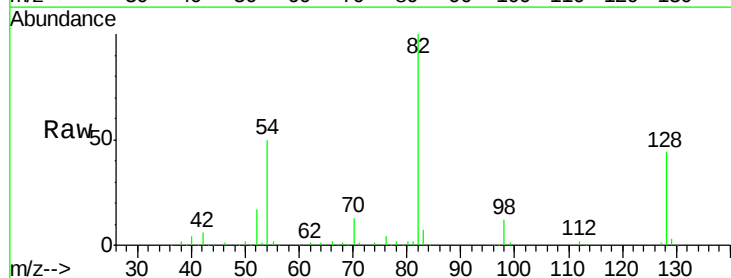


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

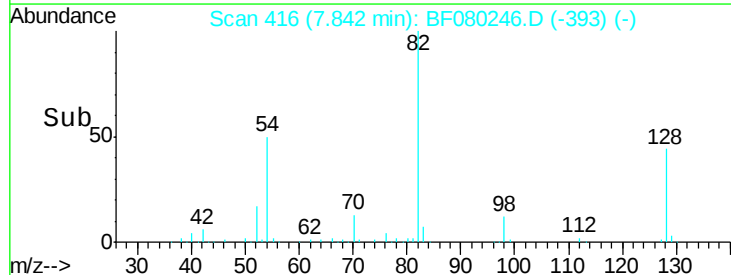
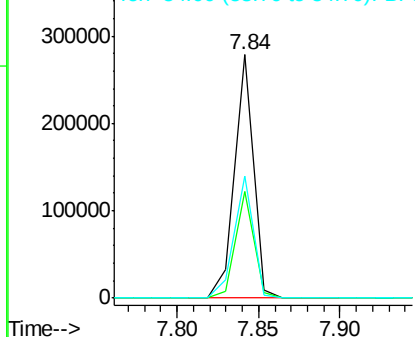


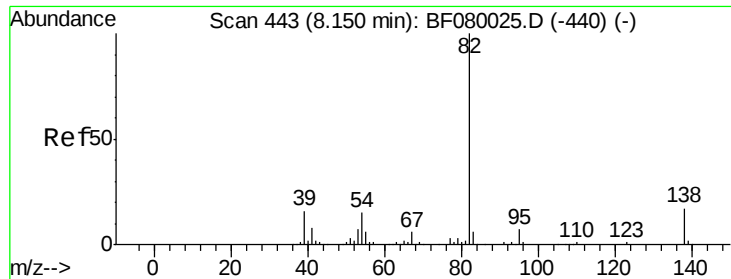
#23
Nitrobenzene-d5
Concen: 88.76 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080246.D
Acq: 30 Jun 2015 19:59

Tgt Ion:	82	Resp:	220598
Ion	Ratio	Lower	Upper
82	100		
128	43.6	51.0	76.6#
54	50.1	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: 44.10 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

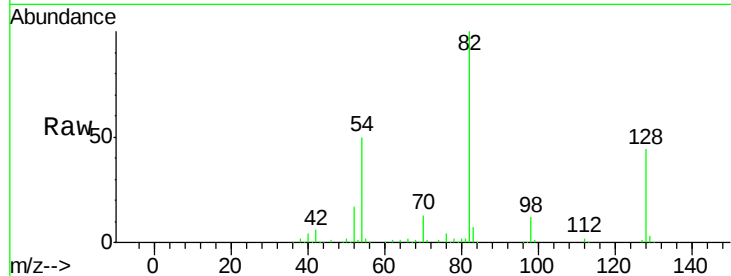
Tgt Ion: 82 Resp: 220587

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

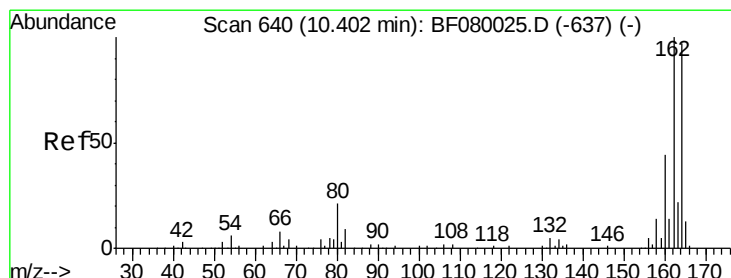
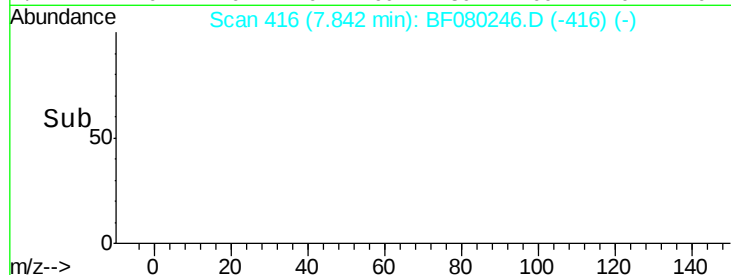
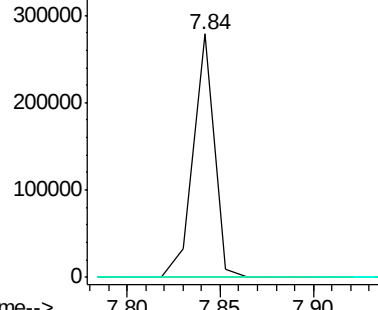
138 0.0 18.3 27.5#



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: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

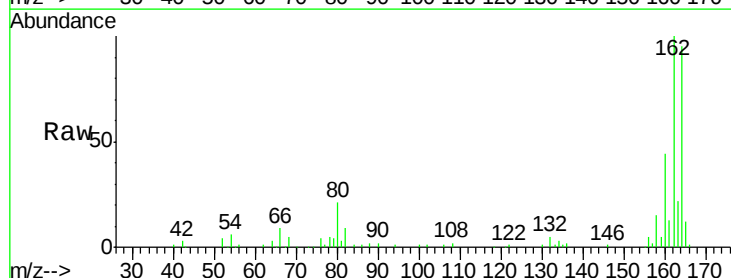
Tgt Ion: 164 Resp: 75382

Ion Ratio Lower Upper

164 100

162 105.7 75.2 112.8

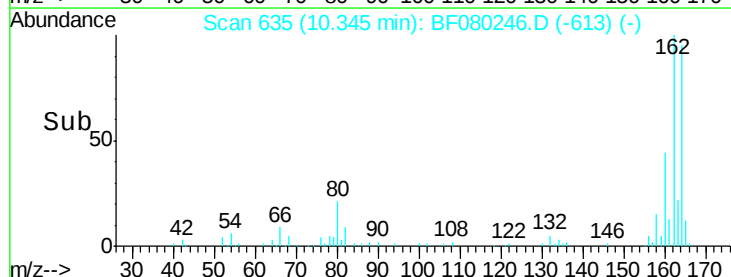
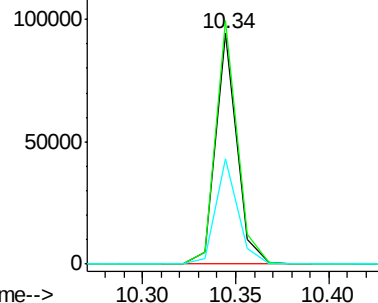
160 46.0 31.5 47.3



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

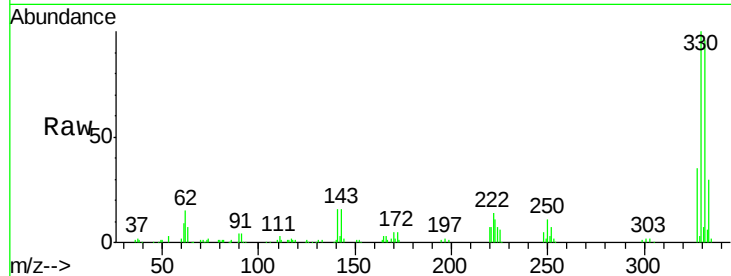




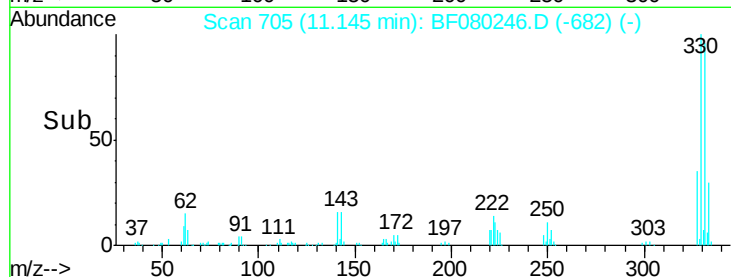
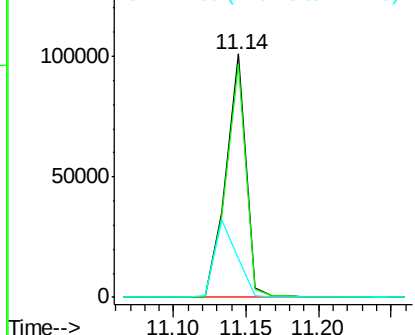
#41
 2,4,6-Tribromophenol
 Concen: 132.14 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080246.D
 Acq: 30 Jun 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Tgt Ion:330 Resp: 97404
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 35.3 29.7 44.5

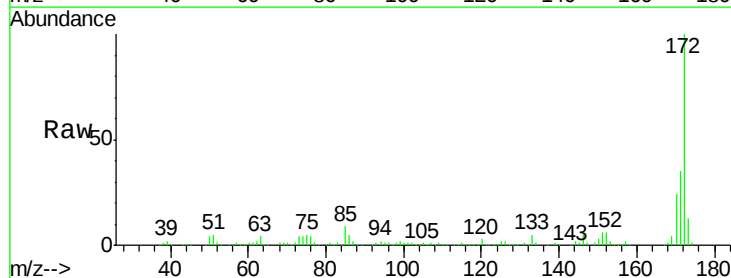


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

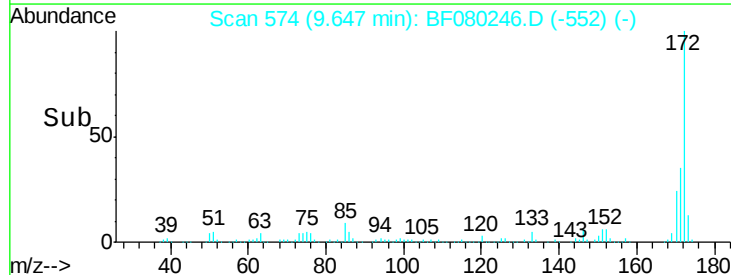
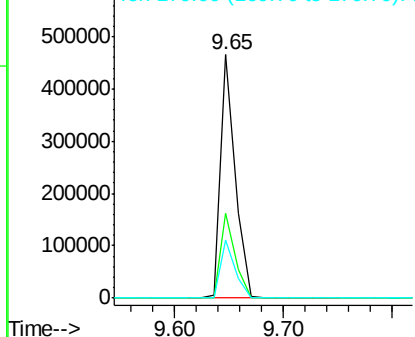


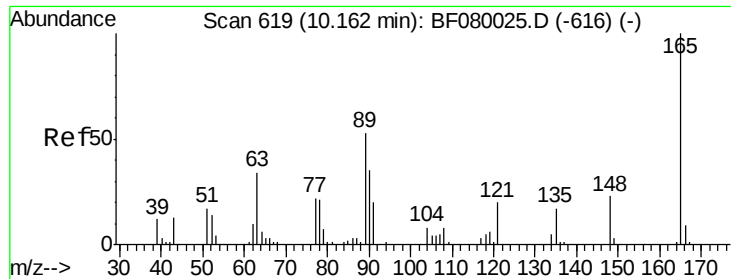
#44
 2-Fluorobiphenyl
 Concen: 83.14 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080246.D
 Acq: 30 Jun 2015 19:59

Tgt Ion:172 Resp: 439481
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

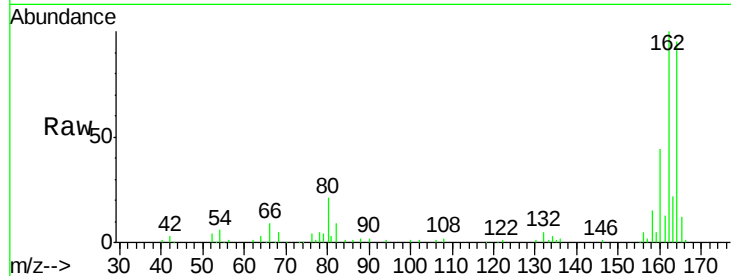




#50
 2,6-Dinitrotoluene
 Concen: 8.39 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080246.D
 Acq: 30 Jun 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

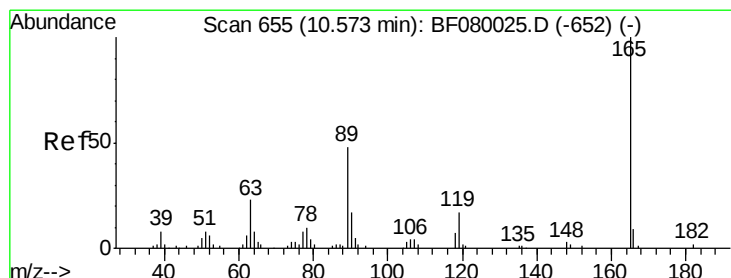
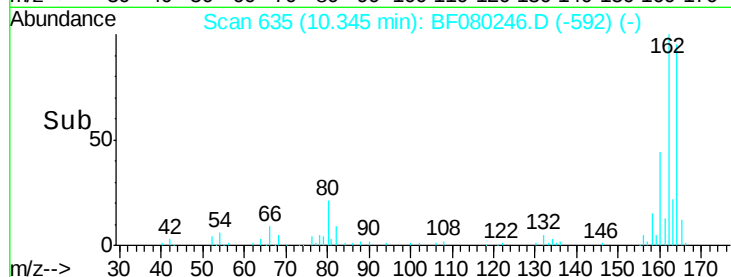
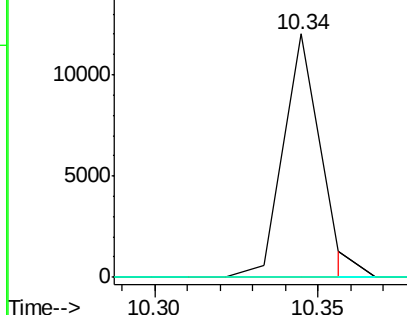
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

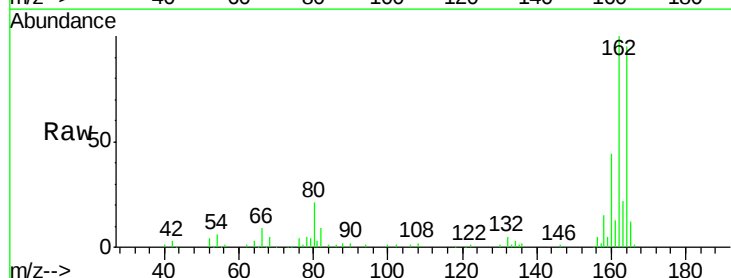
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080246.D
 Acq: 30 Jun 2015 19:59

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#

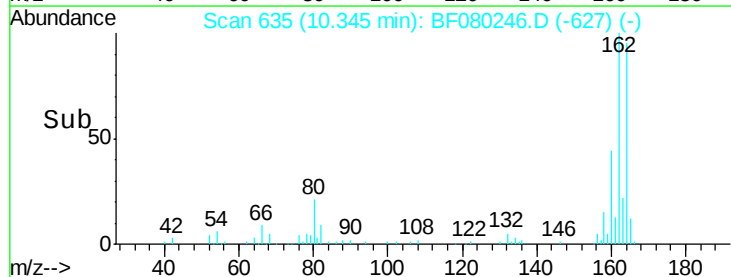
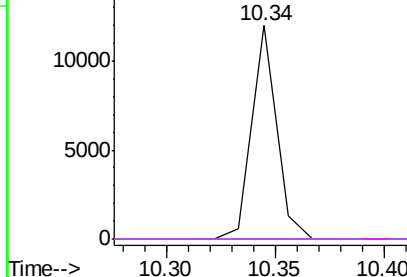


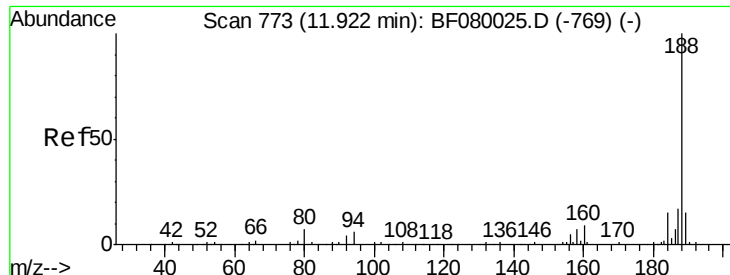
Abundance Ion 165.00 (164.70 to 165.70): E

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

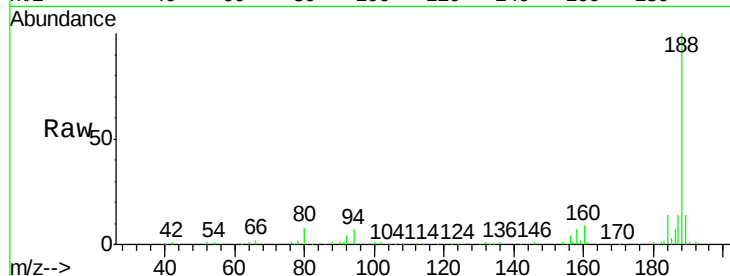




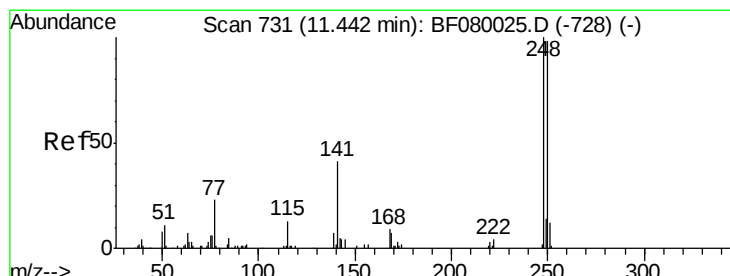
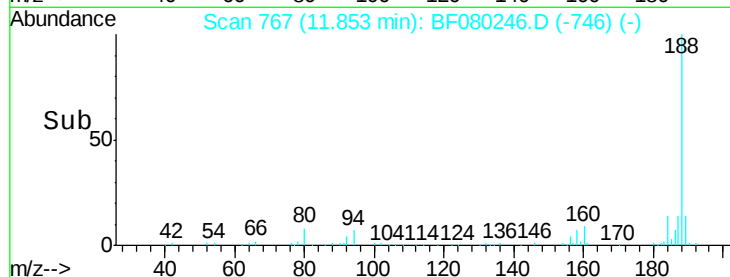
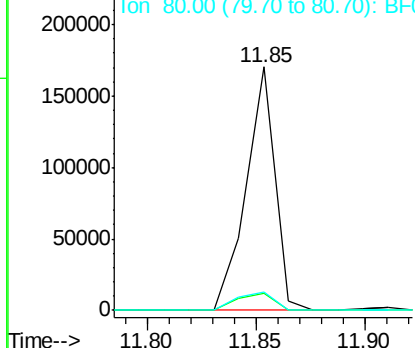
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080246.D
 Acq: 30 Jun 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Tgt Ion:188 Resp: 156314
 Ion Ratio Lower Upper
 188 100
 94 7.1 11.1 16.7#
 80 7.5 11.0 16.4#

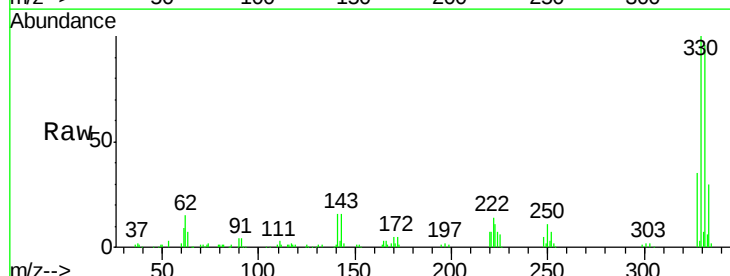


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

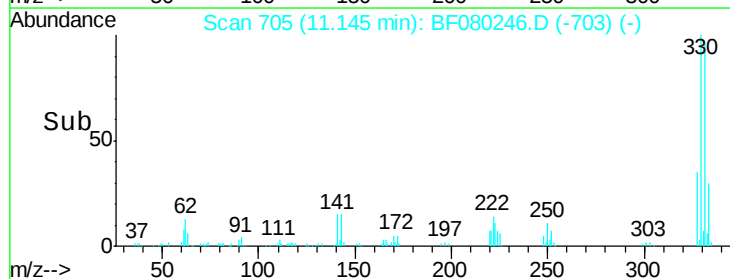
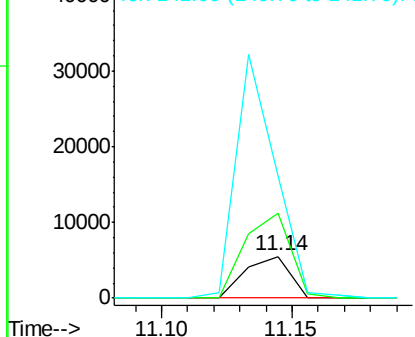


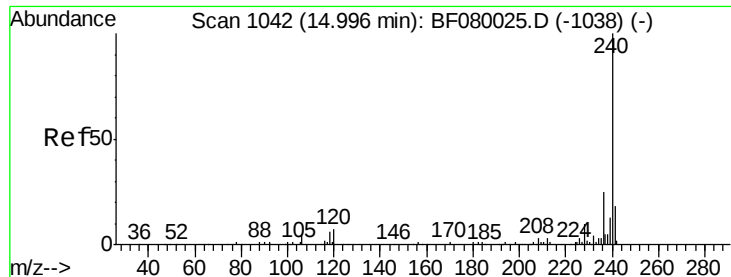
#66
 4-Bromophenyl-phenylether
 Concen: 3.97 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080246.D
 Acq: 30 Jun 2015 19:59

Tgt Ion:248 Resp: 6595
 Ion Ratio Lower Upper
 248 100
 250 203.4 78.5 117.7#
 141 290.1 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: 14.81 min Scan# 1026

Delta R.T. -0.18 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

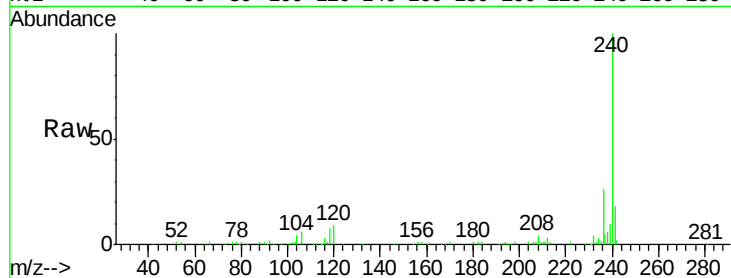
Tgt Ion:240 Resp: 163669

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

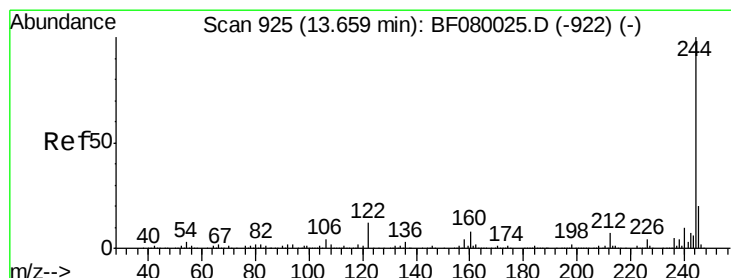
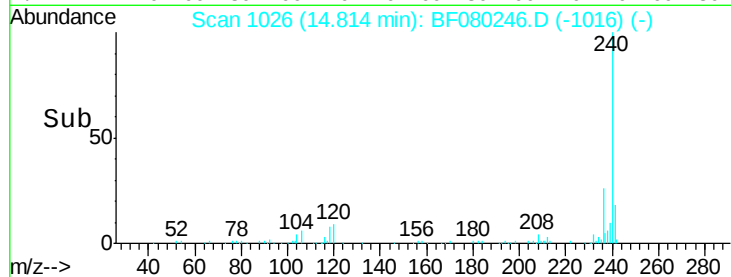
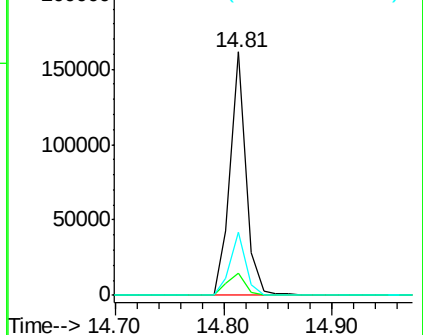
236 25.7 18.4 27.6



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: 86.43 ng

RT: 13.54 min Scan# 915

Delta R.T. -0.13 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

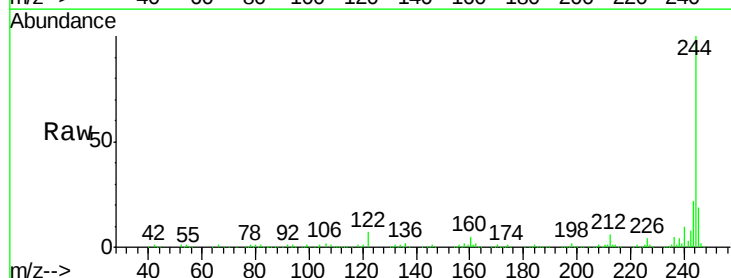
Tgt Ion:244 Resp: 605705

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

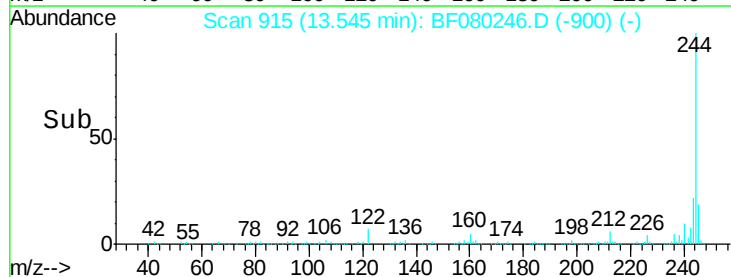
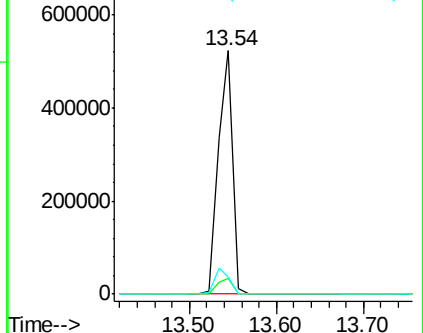
122 7.0 17.4 26.2#

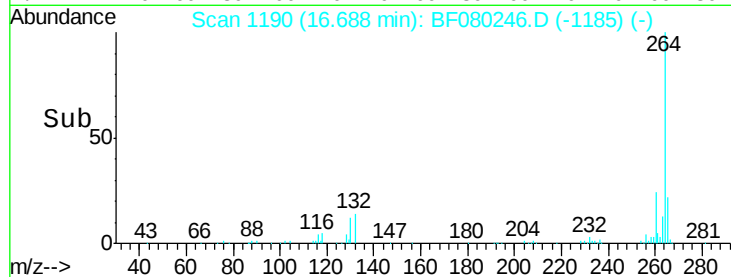
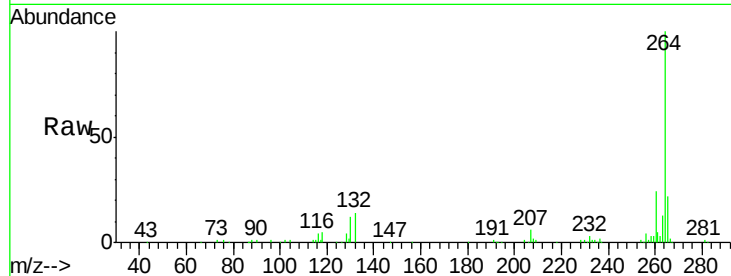
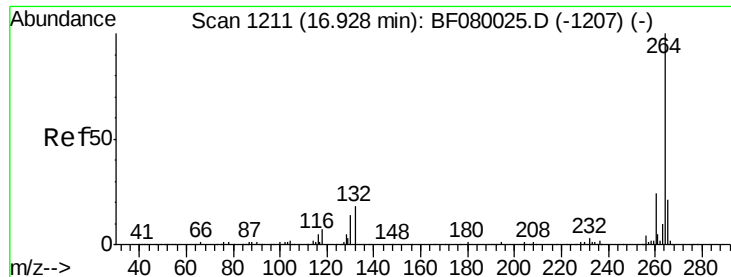


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.69 min Scan# 1190

Delta R.T. -0.24 min

Lab File: BF080246.D

Acq: 30 Jun 2015 19:59

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)

Tgt Ion:264 Resp: 150051

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 22.2 17.2 25.8

