

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080250.D
 Acq On : 30 Jun 2015 21:55
 Operator : TP/IZ
 Sample : G2837-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Jul 01 01:22:11 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

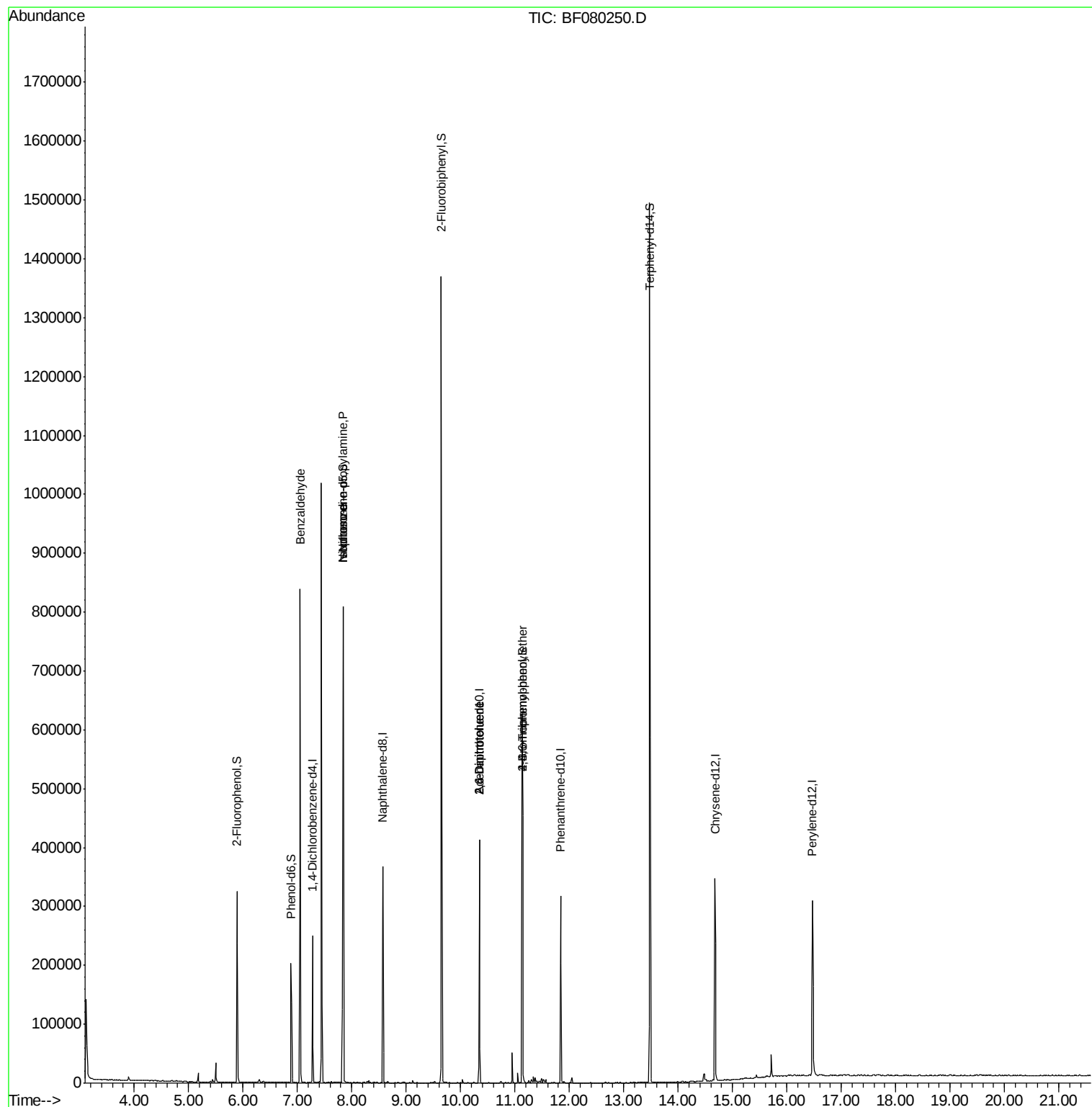
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	35874	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	147035	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	75302	20.00	ng	-0.05
63) Phenanthrene-d10	11.84	188	150163	20.00	ng	-0.07
75) Chrysene-d12	14.68	240	163671	20.00	ng	-0.32
86) Perylene-d12	16.47	264	160760	20.00	ng	-0.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	115322	56.90	ng	-0.05
7) Phenol-d6	6.88	99	87726	32.53	ng	-0.05
23) Nitrobenzene-d5	7.84	82	230364	91.21	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	94903	128.89	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	442357	83.77	ng	-0.05
78) Terphenyl-d14	13.48	244	536922	76.62	ng	-0.19
Target Compounds						
9) Benzaldehyde	7.05	77	5230	3.36	ng	# 69
19) n-Nitroso-di-n-propylamine	7.84	70	29420	15.71	ng	# 59
25) Isophorone	7.84	82	230354	45.32	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9582	8.44	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9583	6.65	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6244	3.91	ng	# 1

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

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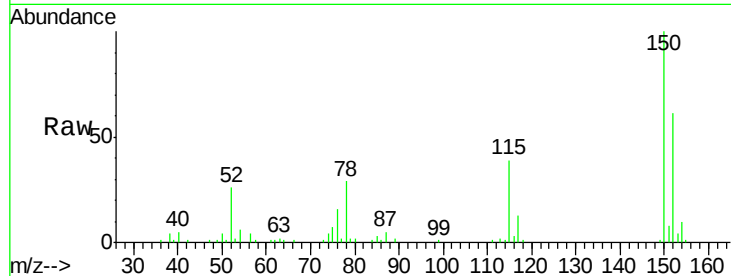


#1

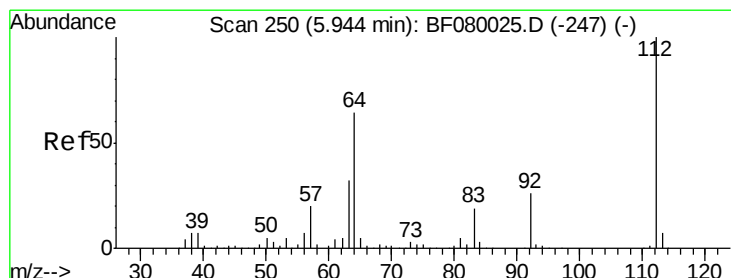
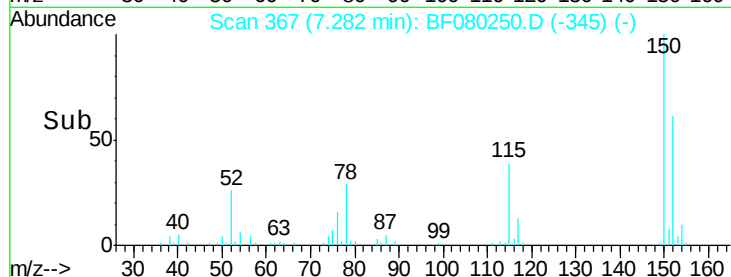
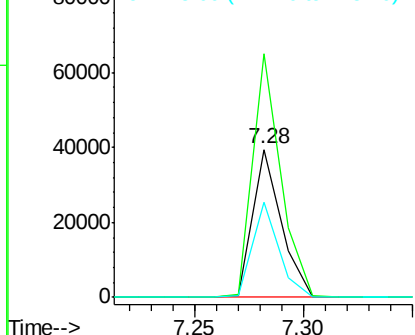
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080250.D
Acq: 30 Jun 2015 21:55

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 35874
Ion Ratio Lower Upper
152 100
150 164.5 124.7 187.1
115 64.4 39.0 58.4#



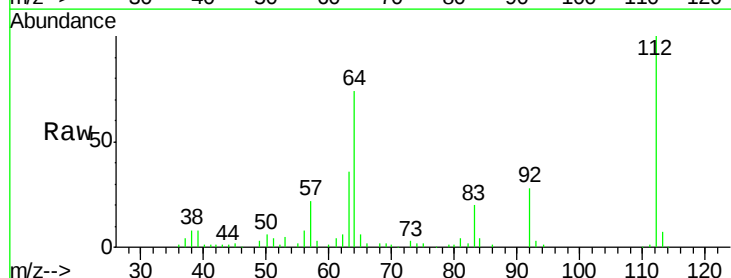
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



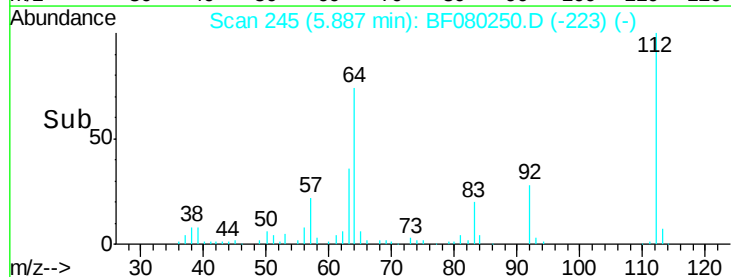
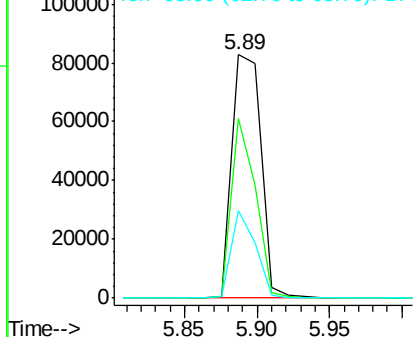
#5

2-Fluorophenol
Concen: 56.90 ng
RT: 5.89 min Scan# 245
Delta R.T. -0.05 min
Lab File: BF080250.D
Acq: 30 Jun 2015 21:55

Tgt Ion:112 Resp: 115322
Ion Ratio Lower Upper
112 100
64 73.6 39.7 59.5#
63 36.1 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: 32.53 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF080250.D

Acq: 30 Jun 2015 21:55

Instrument :

BNA_F

ClientSampleId :

DUP-1

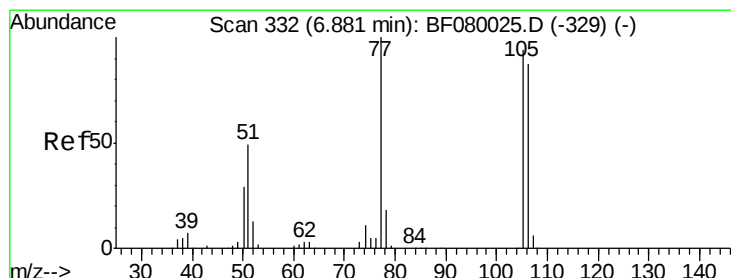
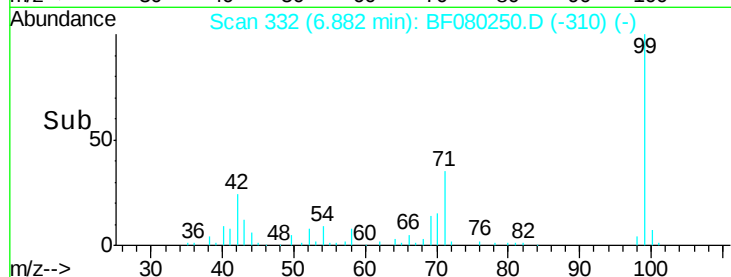
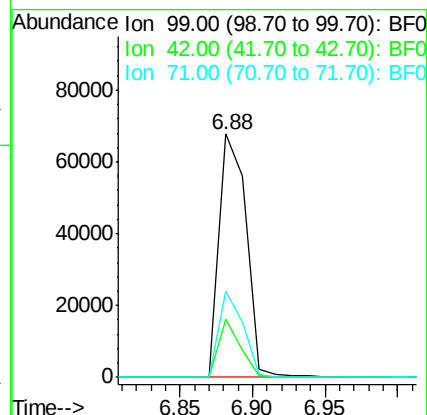
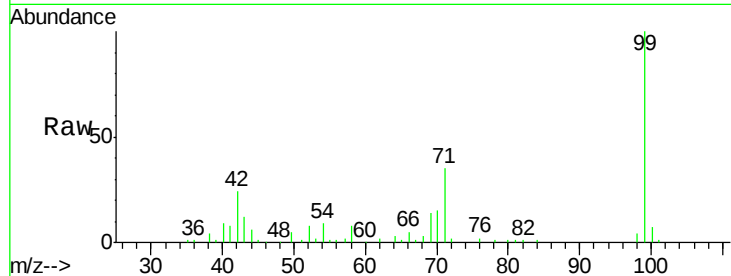
Tgt Ion: 99 Resp: 87726

Ion Ratio Lower Upper

99 100

42 24.1 13.7 20.5#

71 35.3 14.2 21.2#



#9

Benzaldehyde

Concen: 3.36 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.18 min

Lab File: BF080250.D

Acq: 30 Jun 2015 21:55

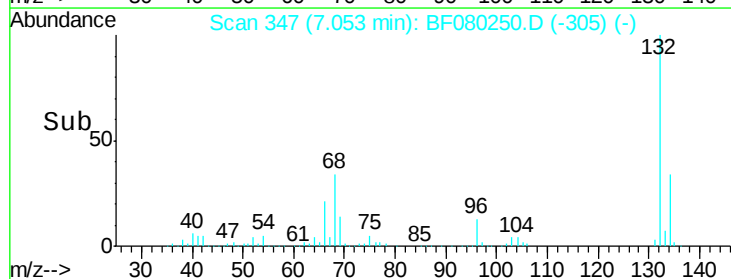
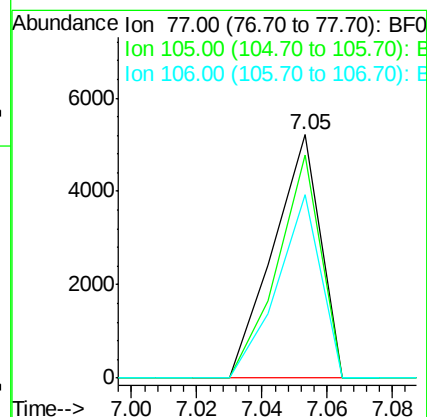
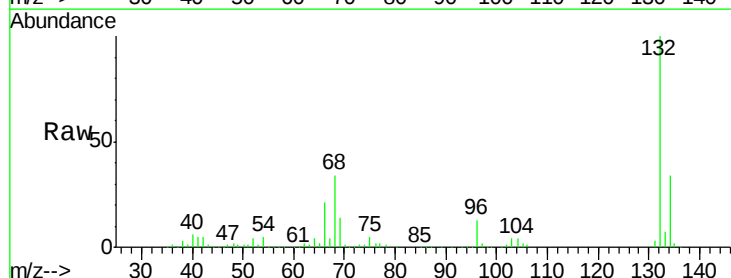
Tgt Ion: 77 Resp: 5230

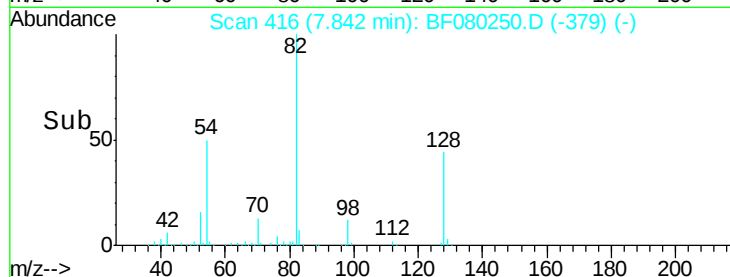
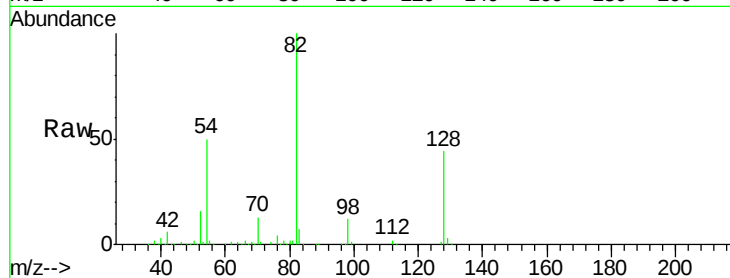
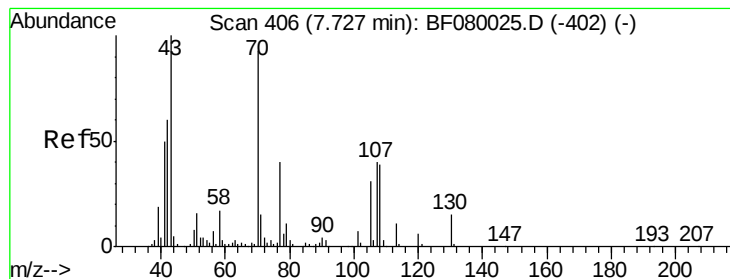
Ion Ratio Lower Upper

77 100

105 91.7 91.6 131.6

106 75.6 102.6 142.6#





#19

n-Nitroso-di-n-propylamine

Concen: 15.71 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080250.D

Acq: 30 Jun 2015 21:55

Instrument :

BNA_F

ClientSampleId :

DUP-1

Tgt Ion: 70 Resp: 29420

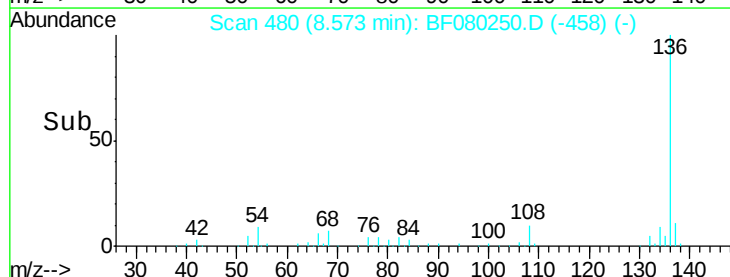
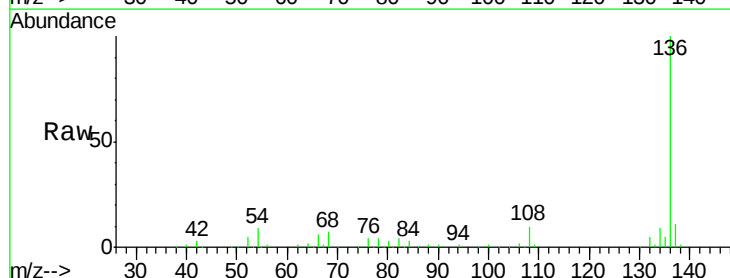
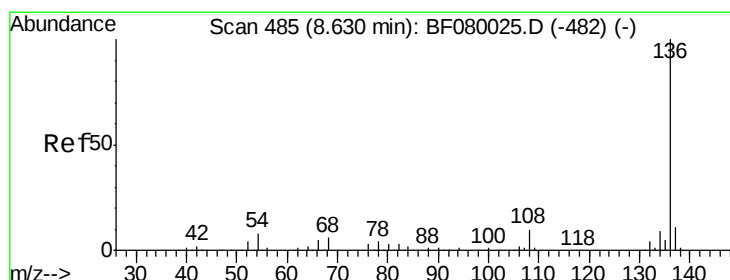
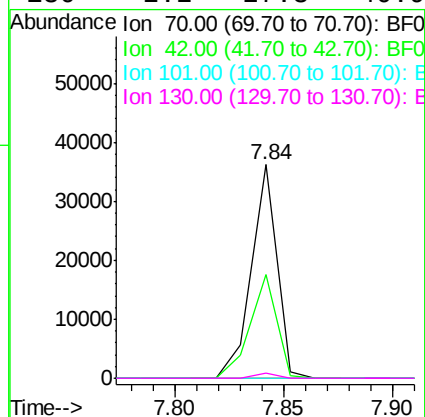
Ion Ratio Lower Upper

70 100

42 48.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.57 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF080250.D

Acq: 30 Jun 2015 21:55

Tgt Ion: 136 Resp: 147035

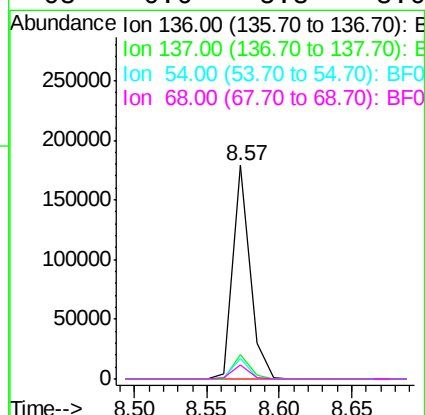
Ion Ratio Lower Upper

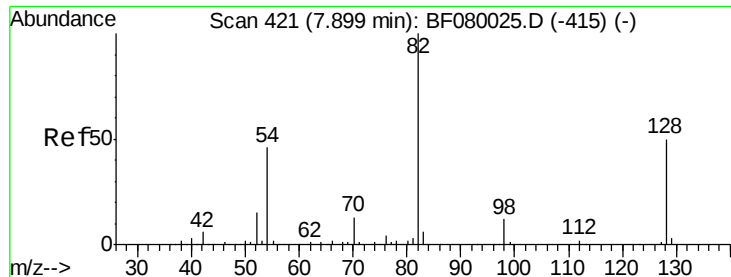
136 100

137 11.2 9.0 13.6

54 9.4 8.2 12.2

68 6.6 5.8 8.6

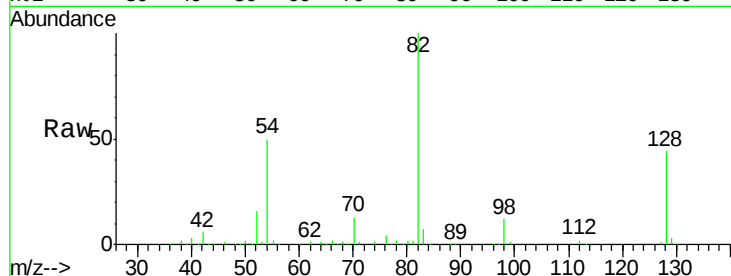




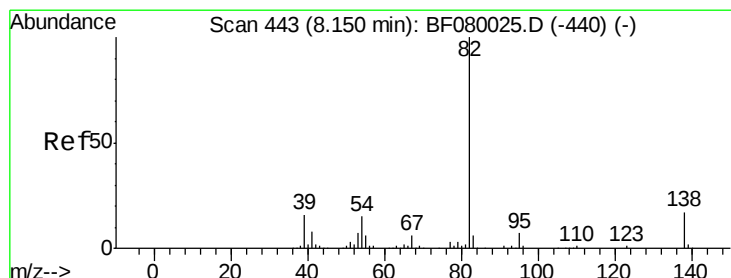
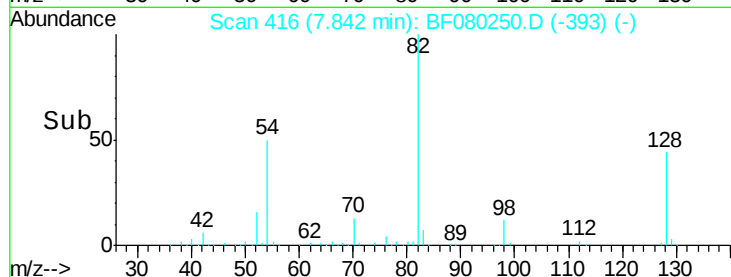
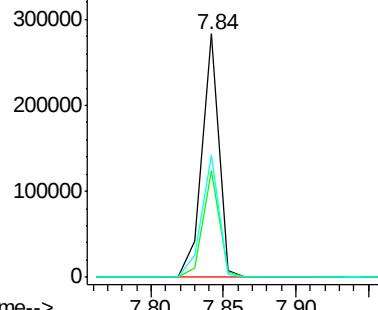
#23
Nitrobenzene-d5
Concen: 91.21 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080250.D
Acq: 30 Jun 2015 21:55

Instrument :
BNA_F
ClientSampled :
DUP-1

Tgt Ion: 82 Resp: 230364
Ion Ratio Lower Upper
82 100
128 43.6 51.0 76.6#
54 49.9 47.5 71.3

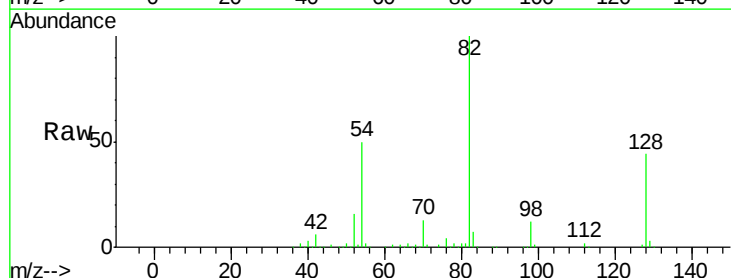


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

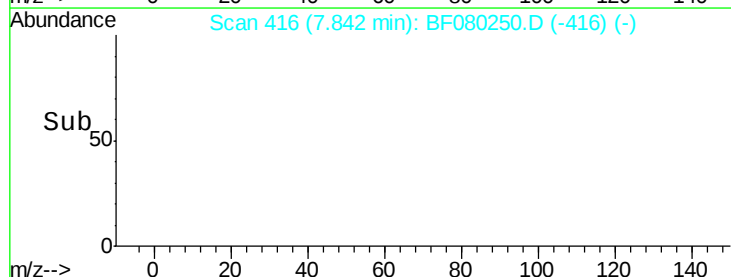
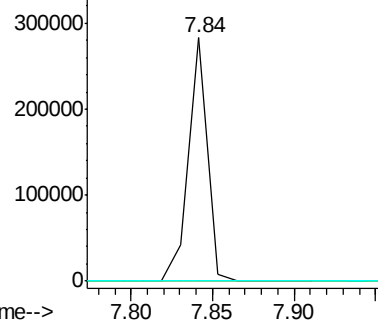


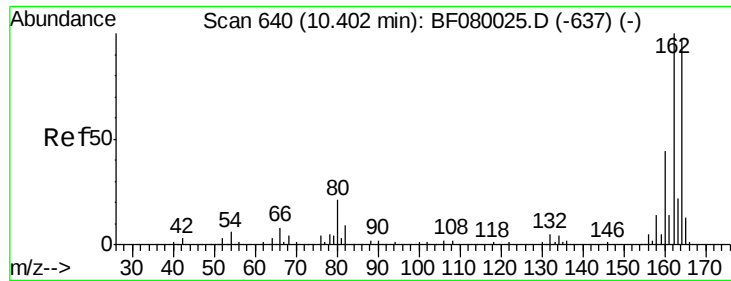
#25
Isophorone
Concen: 45.32 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.30 min
Lab File: BF080250.D
Acq: 30 Jun 2015 21:55

Tgt Ion: 82 Resp: 230354
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

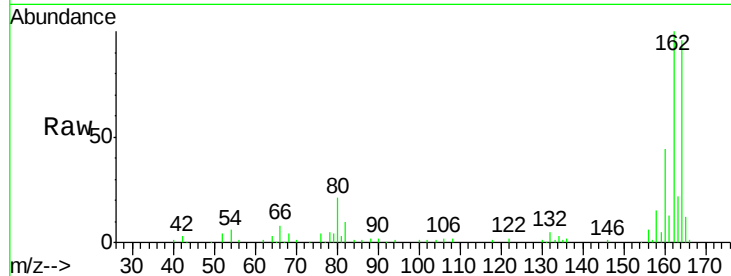




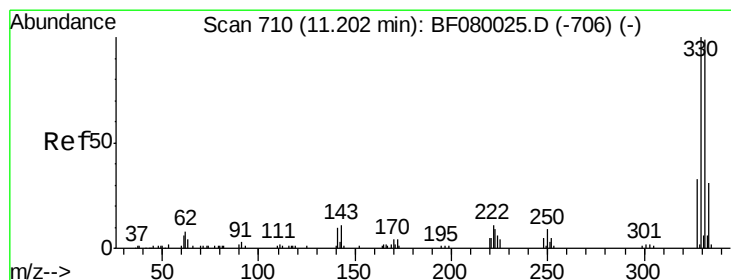
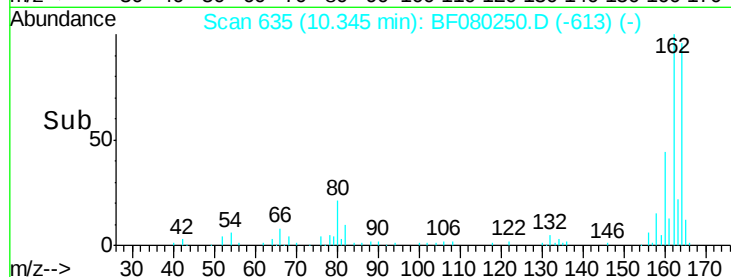
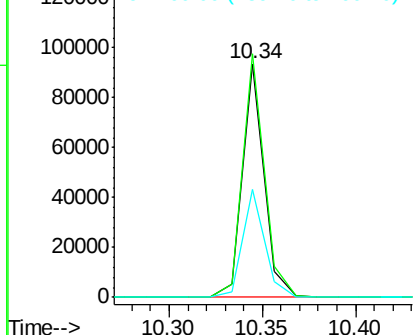
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:164 Resp: 75302
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 45.9 31.5 47.3

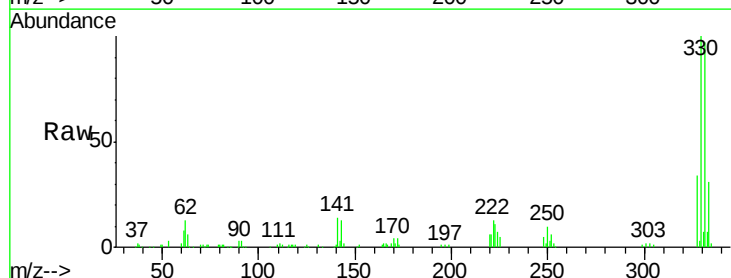


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

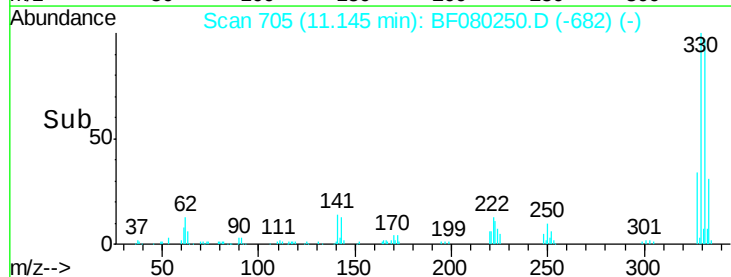
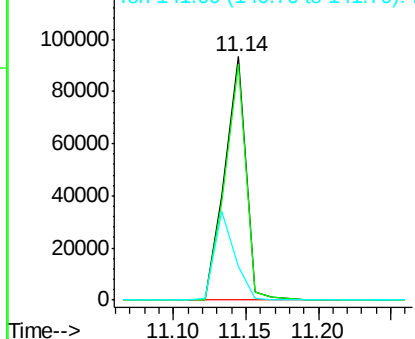


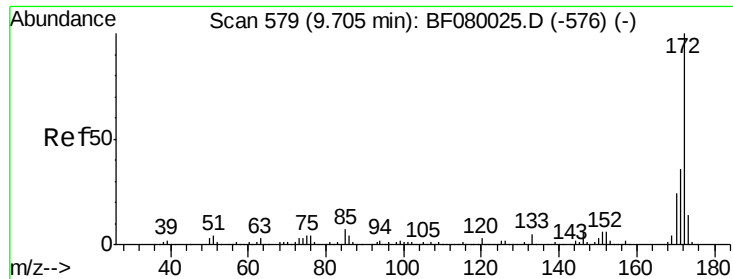
#41
 2,4,6-Tribromophenol
 Concen: 128.89 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

Tgt Ion:330 Resp: 94903
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 35.2 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

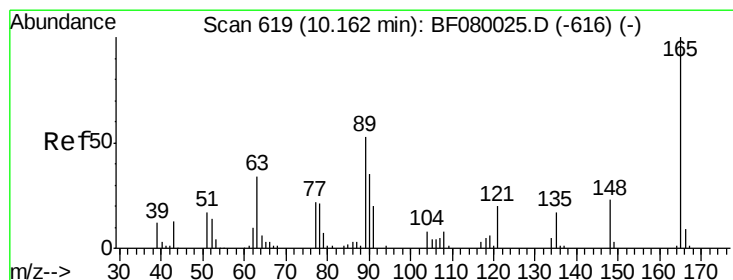
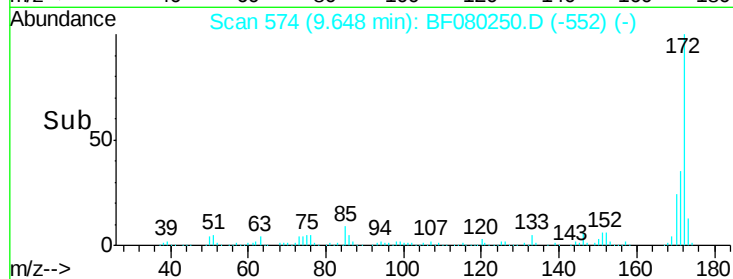
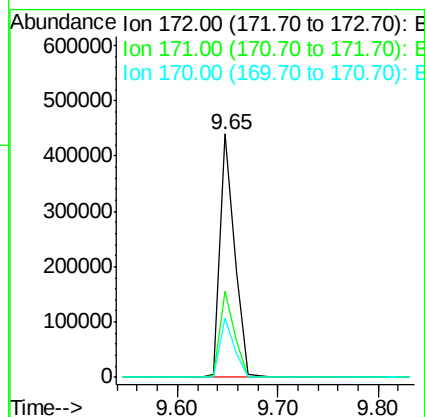
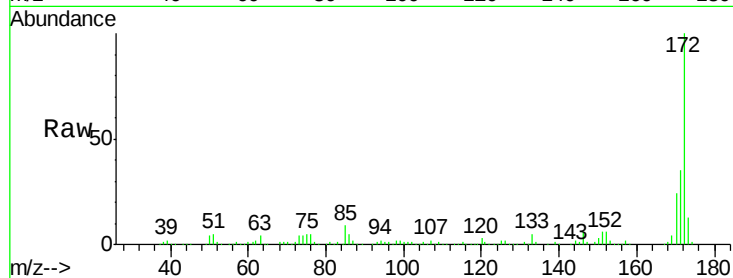




#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

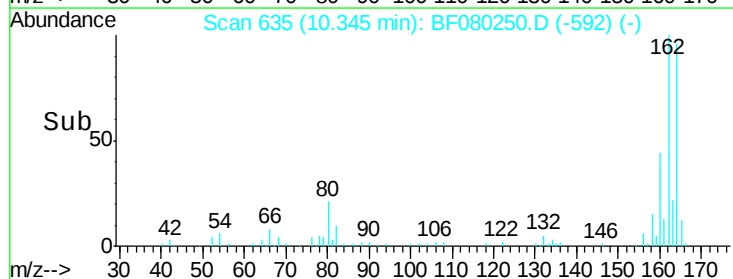
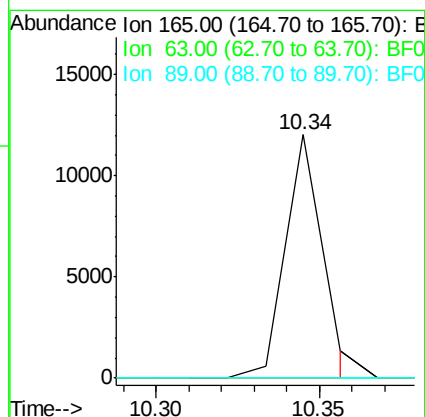
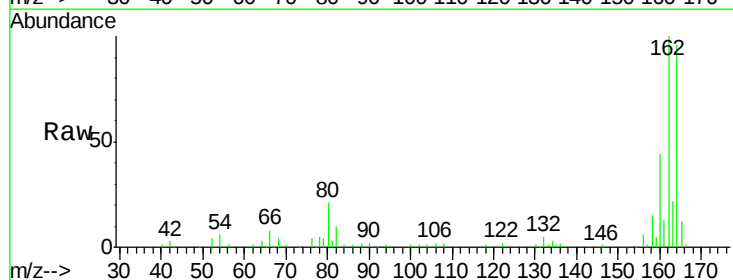
Instrument :
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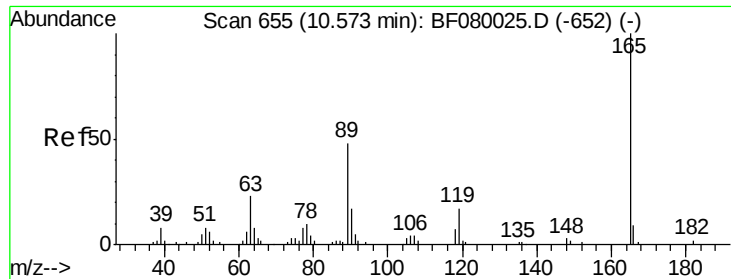
Tgt Ion:172 Resp: 442357
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.4 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.44 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

Tgt Ion:165 Resp: 9582
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

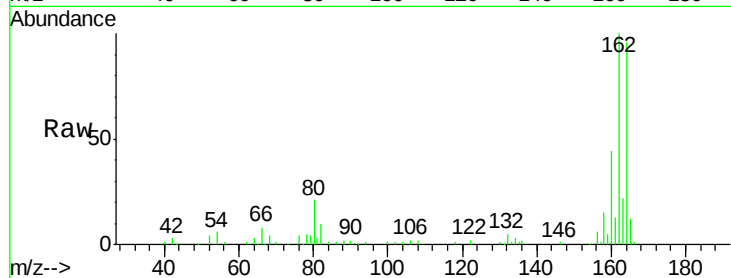




#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:	165	Resp:	9583
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#

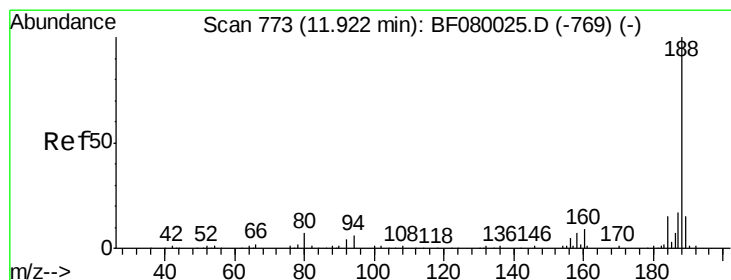
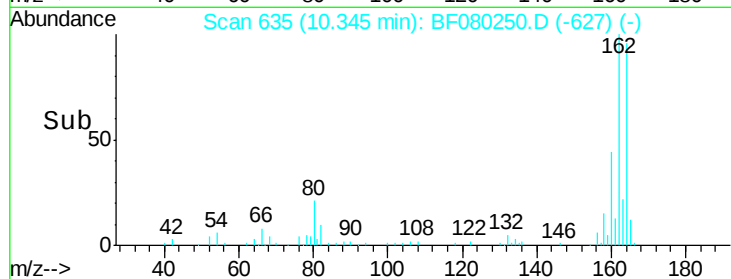
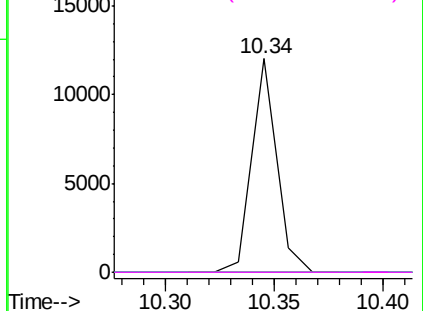


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

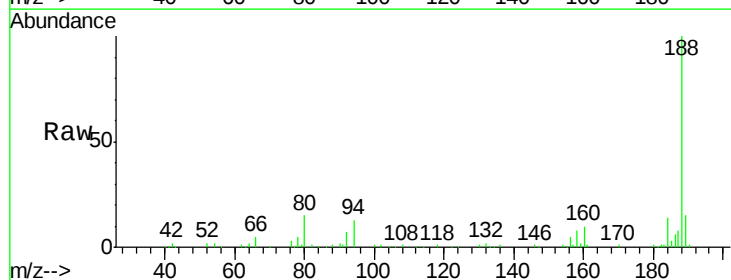
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.84 min Scan# 766
 Delta R.T. -0.07 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

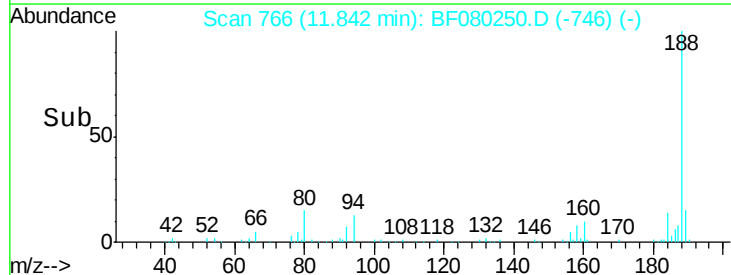
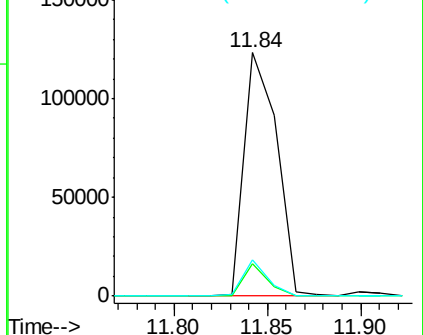
Tgt Ion:	188	Resp:	150163
Ion	Ratio	Lower	Upper
188	100		
94	13.1	11.1	16.7
80	15.0	11.0	16.4

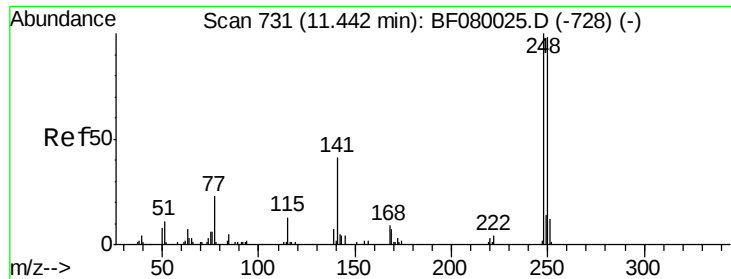


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

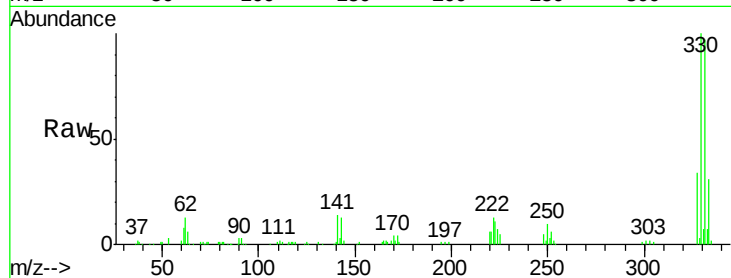




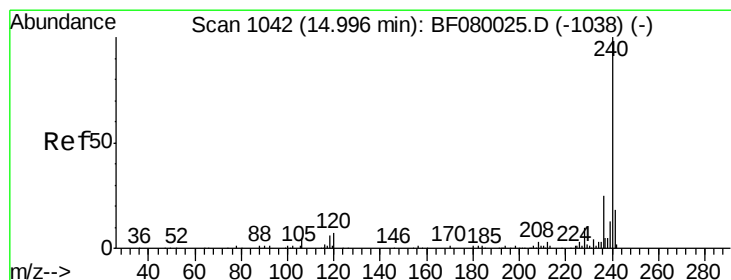
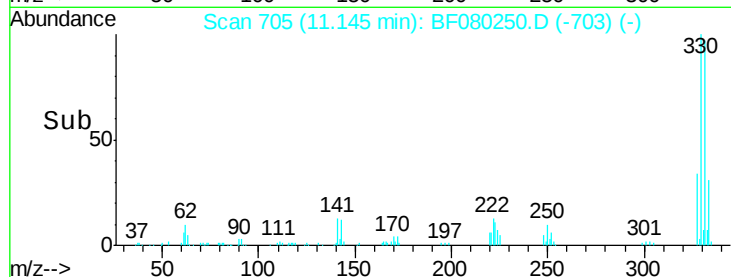
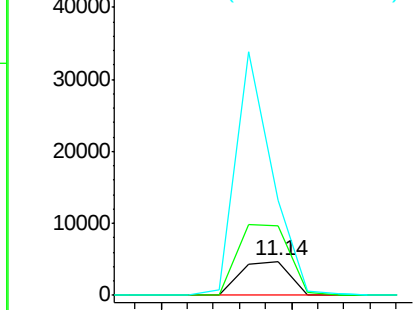
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080250.D
Acq: 30 Jun 2015 21:55

Instrument :
BNA_F
ClientSampled :
DUP-1

Tgt Ion:248 Resp: 6244
Ion Ratio Lower Upper
248 100
250 206.1 78.5 117.7#
141 277.8 59.0 88.6#

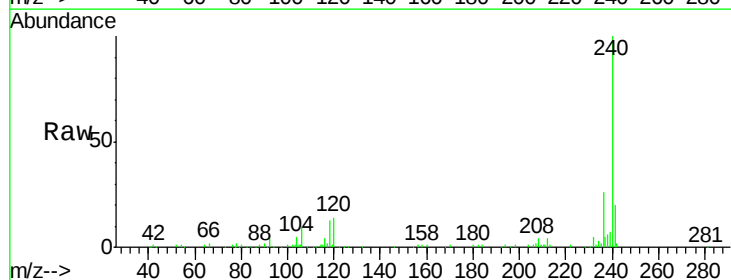


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

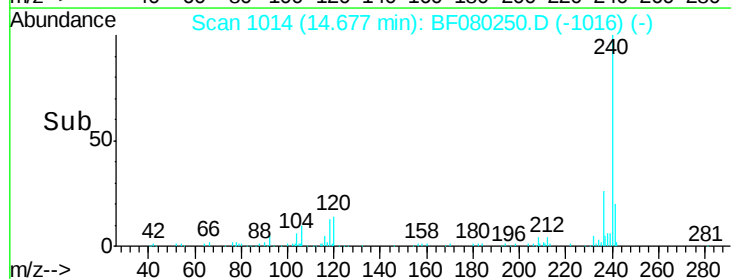
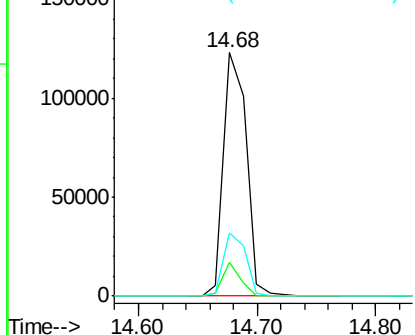


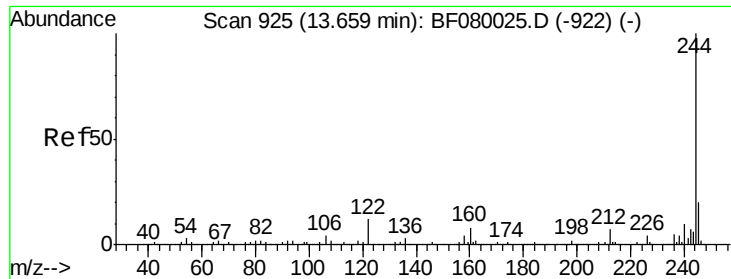
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 1014
Delta R.T. -0.32 min
Lab File: BF080250.D
Acq: 30 Jun 2015 21:55

Tgt Ion:240 Resp: 163671
Ion Ratio Lower Upper
240 100
120 14.0 16.2 24.2#
236 25.9 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

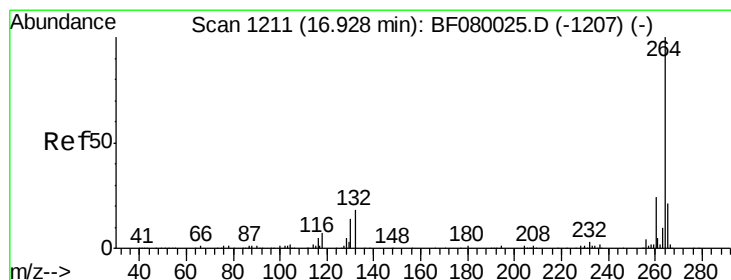
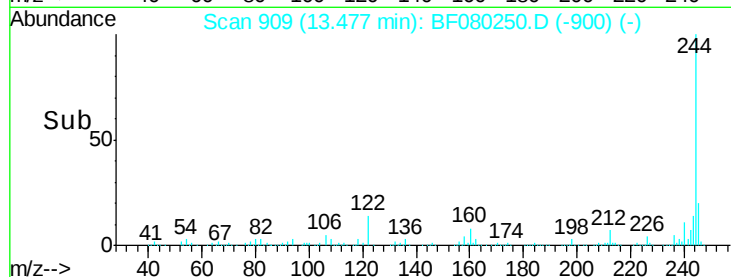
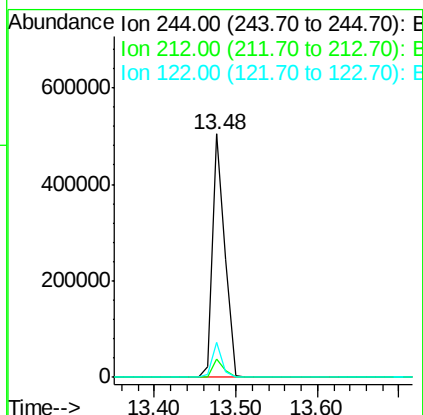
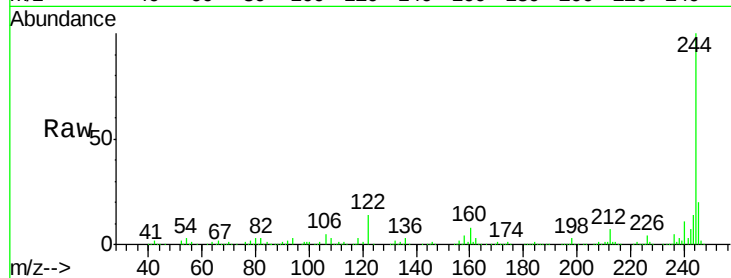




#78
 Terphenyl-d14
 Concen: 76.62 ng
 RT: 13.48 min Scan# 909
 Delta R.T. -0.19 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:244 Resp: 536922
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 14.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.47 min Scan# 1171
 Delta R.T. -0.46 min
 Lab File: BF080250.D
 Acq: 30 Jun 2015 21:55

Tgt Ion:264 Resp: 160760
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 21.6 17.2 25.8

