

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080137.D
 Acq On : 24 Jun 2015 17:56
 Operator : TP/IZ
 Sample : G2750-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Quant Time: Jun 25 00:59:55 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

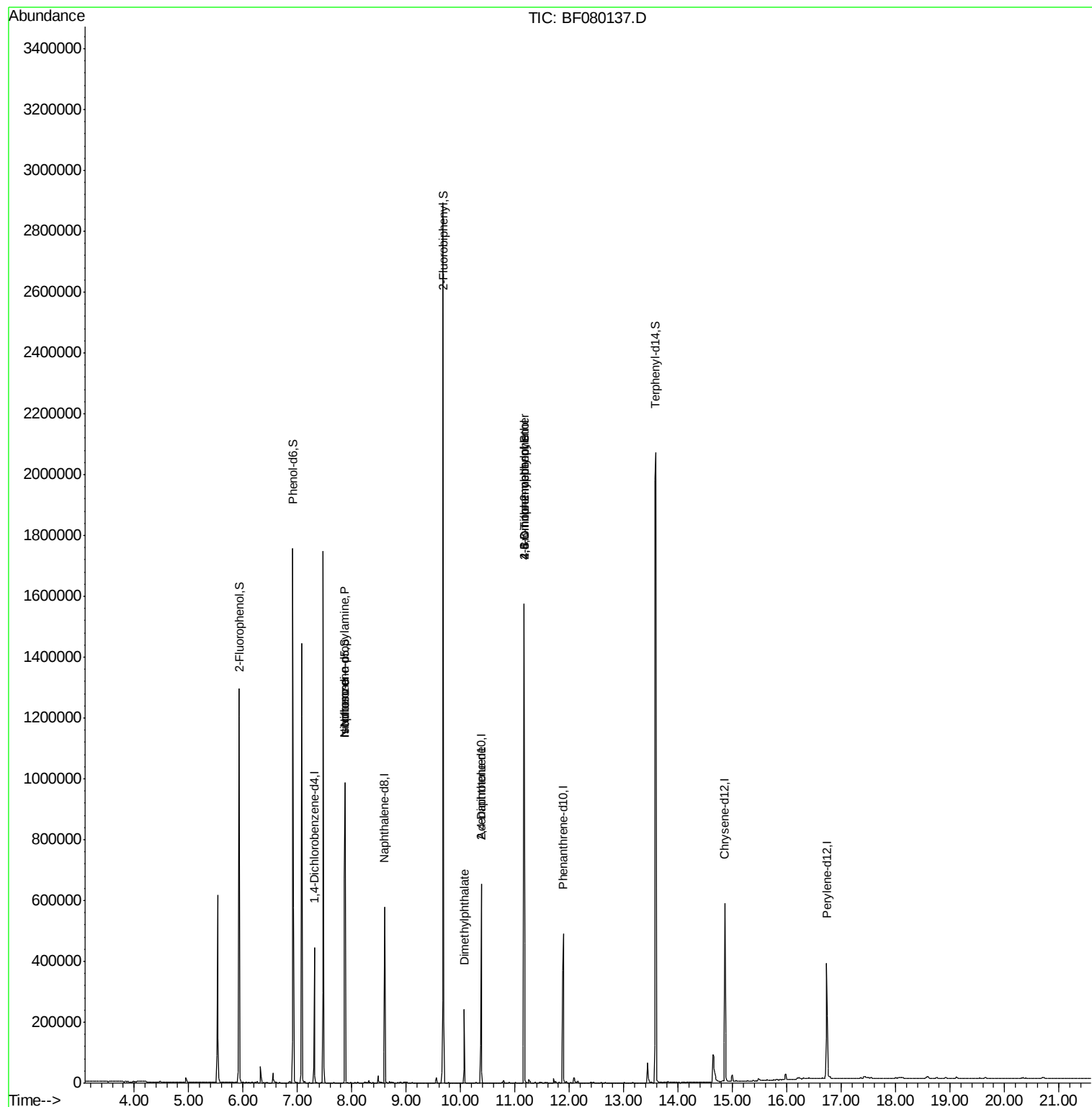
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	60750	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	236815	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	122792	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	244599	20.00	ng	0.00
75) Chrysene-d12	14.86	240	243630	20.00	ng	-0.07
86) Perylene-d12	16.73	264	217121	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	513656	149.67	ng	0.01
7) Phenol-d6	6.92	99	625020	136.86	ng	0.00
23) Nitrobenzene-d5	7.88	82	396260	97.41	ng	0.00
41) 2,4,6-Tribromophenol	11.17	330	177171	147.55	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	781722	90.79	ng	0.00
78) Terphenyl-d14	13.59	244	1040071	99.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	49636	15.65	ng	# 55
25) Isophorone	7.88	82	394413	48.18	ng	# 58
49) Dimethylphthalate	10.07	163	98028	10.62	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	15992	6.81	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.17	198	373	3.86	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	12726	4.89	ng	# 1

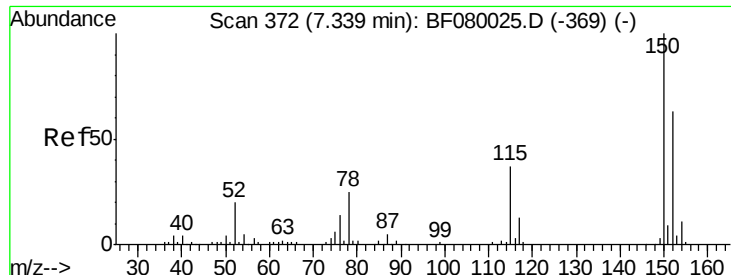
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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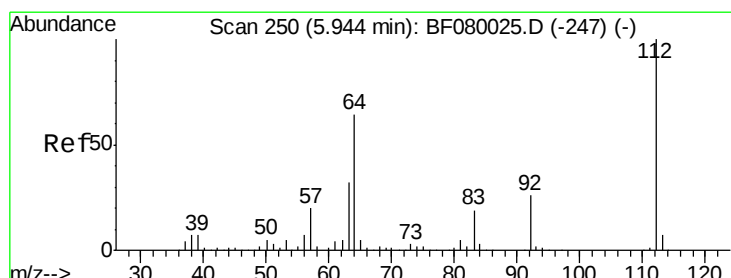
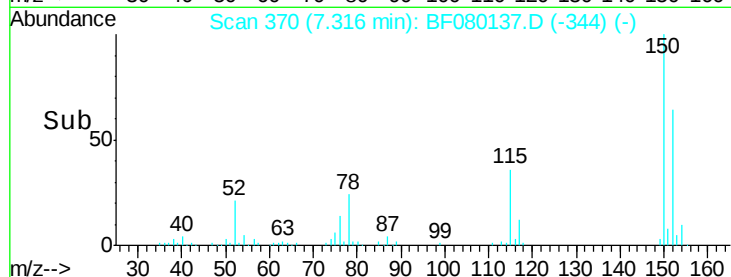
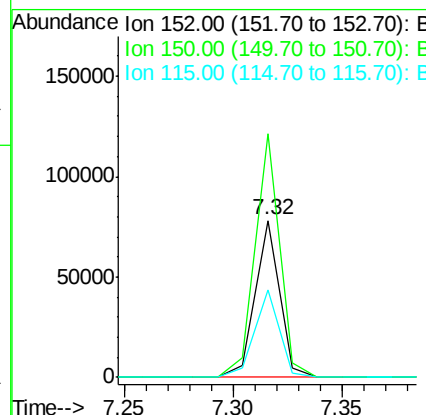
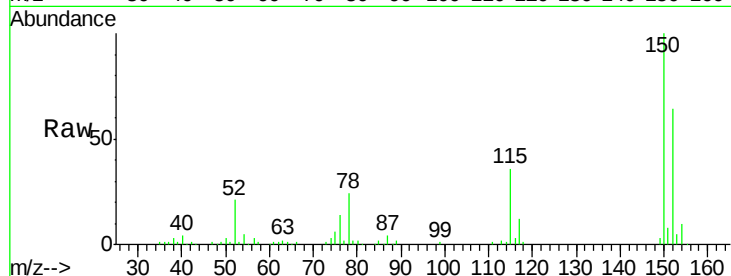




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

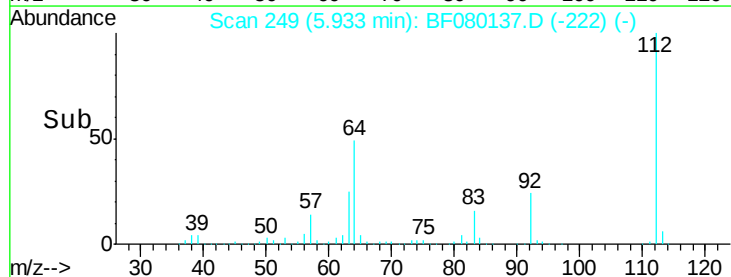
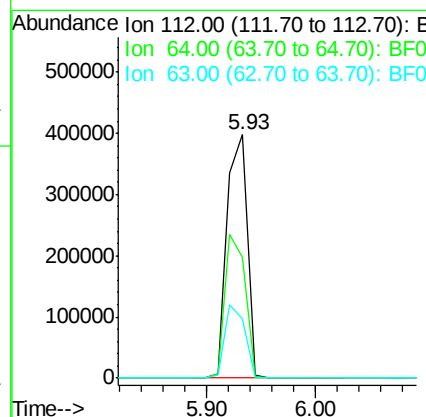
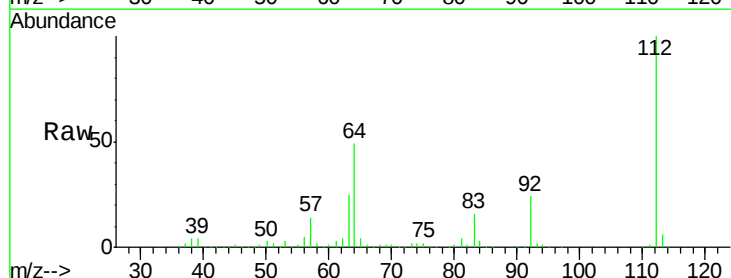
Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Tgt Ion:152 Resp: 60750
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.7 187.1
 115 56.0 39.0 58.4



#5
 2-Fluorophenol
 Concen: 149.67 ng
 RT: 5.93 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Tgt Ion:112 Resp: 513656
 Ion Ratio Lower Upper
 112 100
 64 49.4 39.7 59.5
 63 24.6 17.4 26.0





#7

Phenol-d6

Concen: 136.86 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080137.D

Acq: 24 Jun 2015 17:56

Instrument :

BNA_F

ClientSampleId :

SS-2

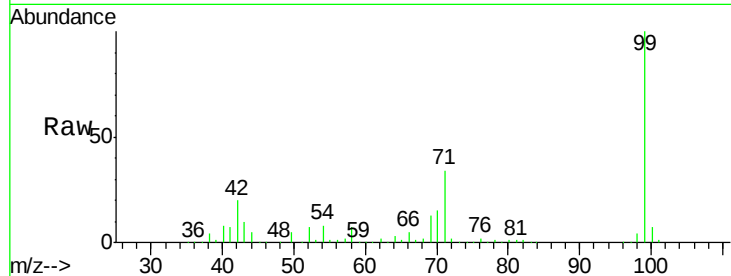
Tgt Ion: 99 Resp: 625020

Ion Ratio Lower Upper

99 100

42 19.9 13.7 20.5

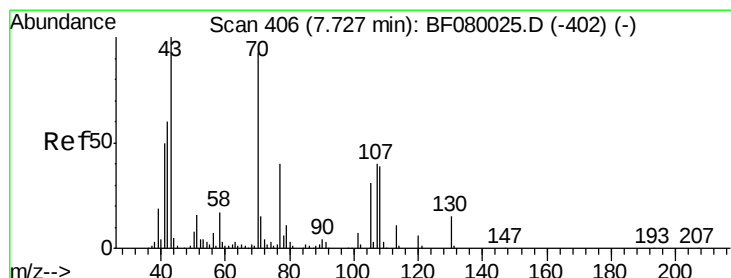
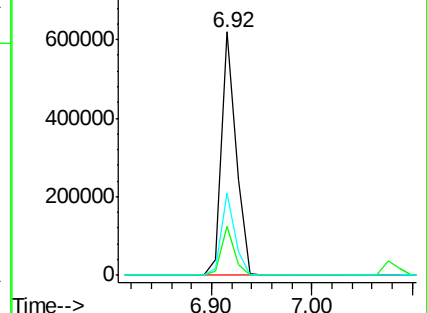
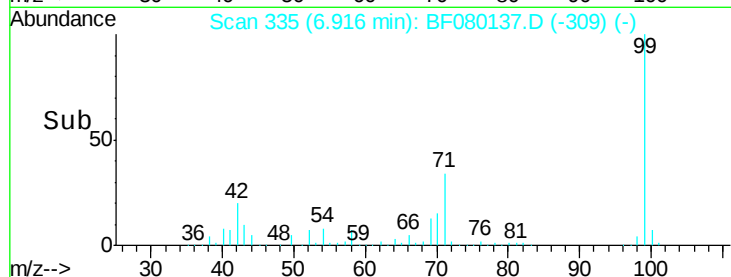
71 33.7 14.2 21.2#



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: 15.65 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.17 min

Lab File: BF080137.D

Acq: 24 Jun 2015 17:56

Tgt Ion: 70 Resp: 49636

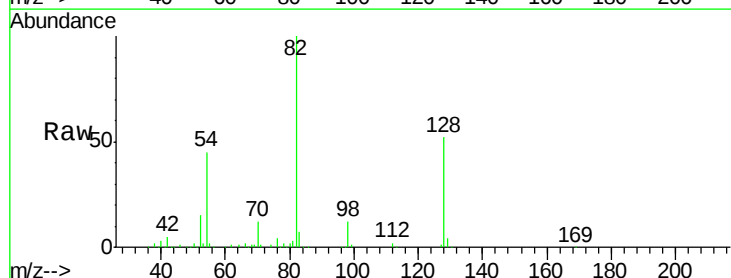
Ion Ratio Lower Upper

70 100

42 42.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#

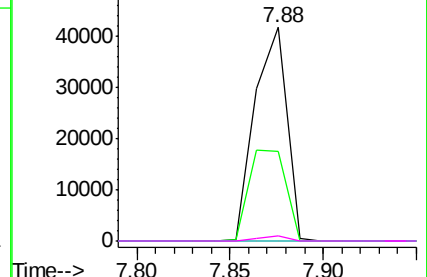
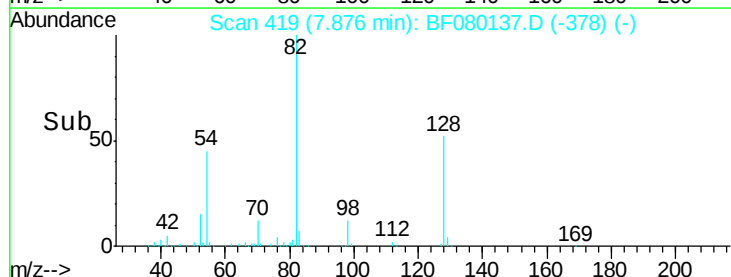


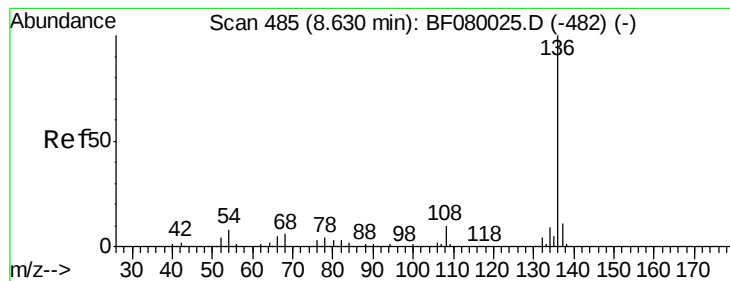
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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: BF080137.D

Acq: 24 Jun 2015 17:56

Instrument :

BNA_F

ClientSampleId :

SS-2

Tgt Ion:136 Resp: 236815

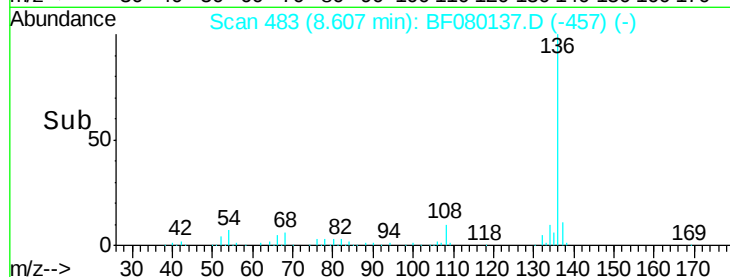
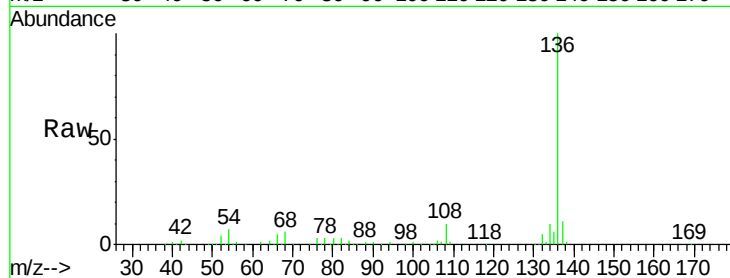
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 7.3 8.2 12.2#

68 5.9 5.8 8.6

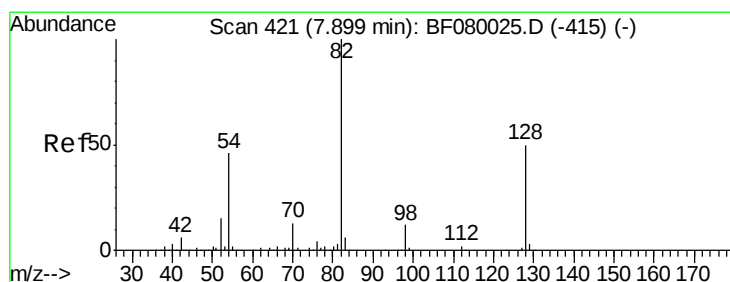
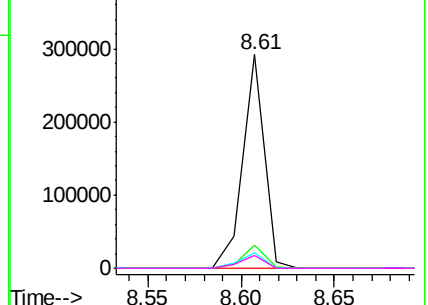


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.41 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080137.D

Acq: 24 Jun 2015 17:56

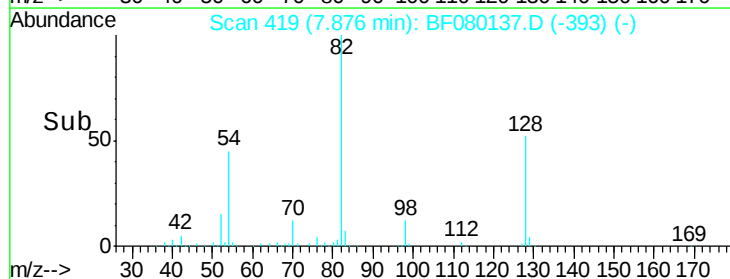
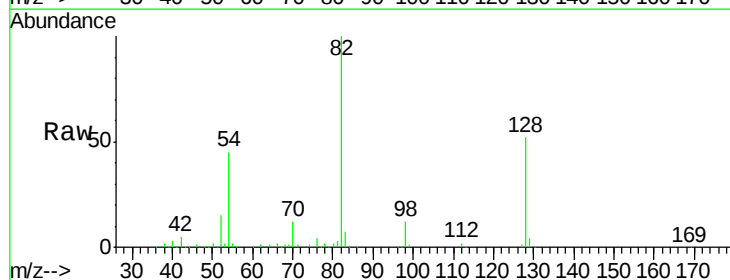
Tgt Ion: 82 Resp: 396260

Ion Ratio Lower Upper

82 100

128 52.2 51.0 76.6

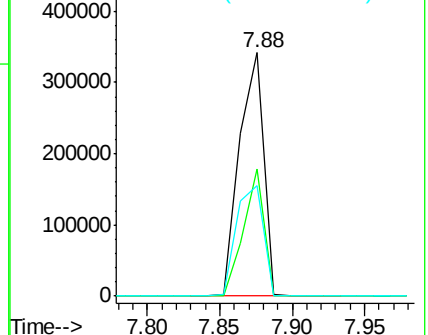
54 45.4 47.5 71.3#

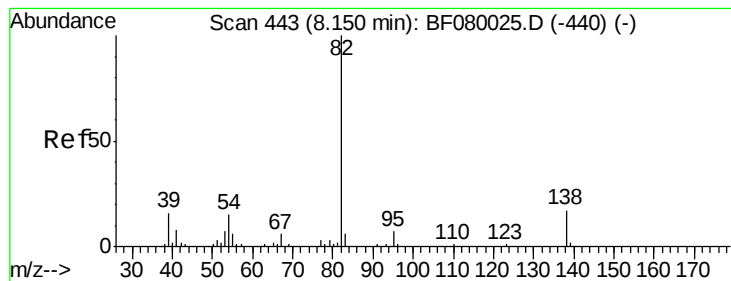


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.18 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.25 min

Lab File: BF080137.D

Acq: 24 Jun 2015 17:56

Instrument :

BNA_F

ClientSampleId :

SS-2

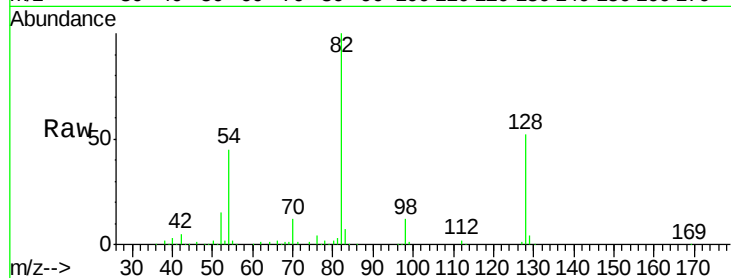
Tgt Ion: 82 Resp: 394413

Ion Ratio Lower Upper

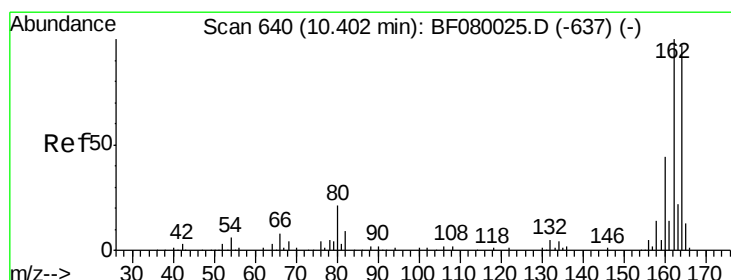
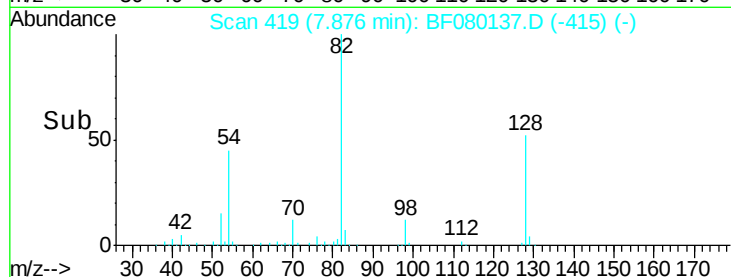
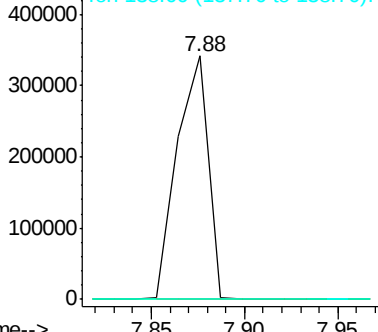
82 100

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: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080137.D

Acq: 24 Jun 2015 17:56

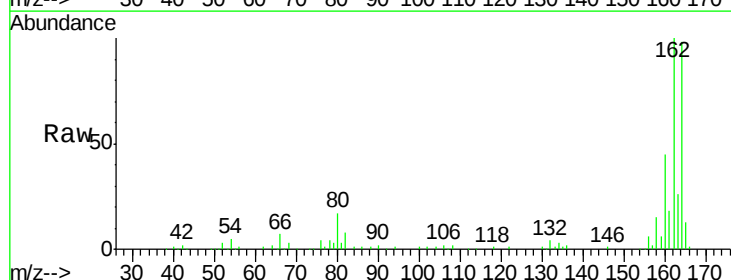
Tgt Ion: 164 Resp: 122792

Ion Ratio Lower Upper

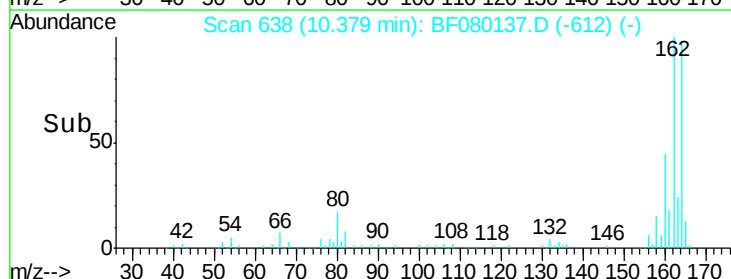
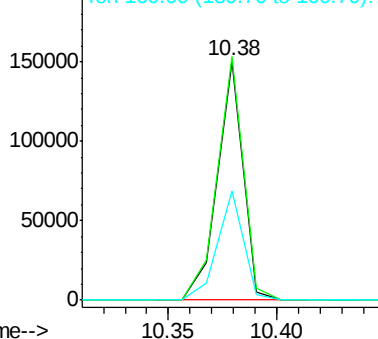
164 100

162 102.0 75.2 112.8

160 45.5 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

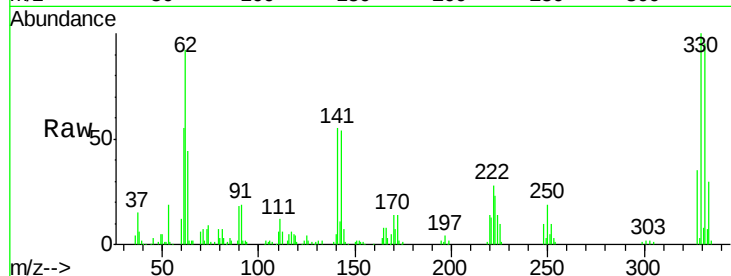




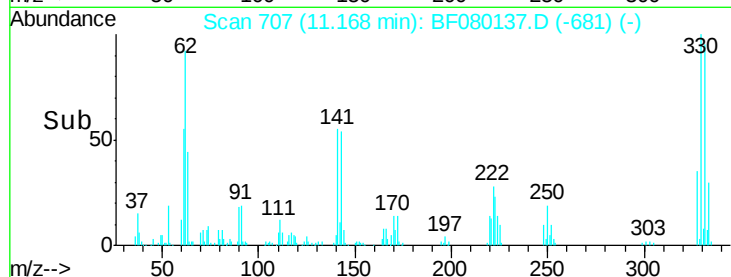
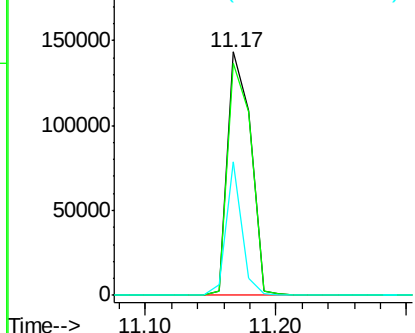
#41
 2,4,6-Tribromophenol
 Concen: 147.55 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Tgt Ion:330 Resp: 177171
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 36.9 29.7 44.5

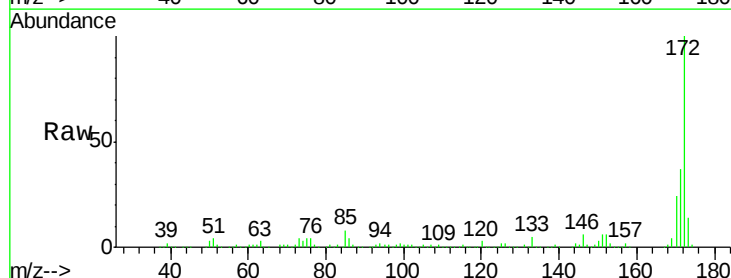


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

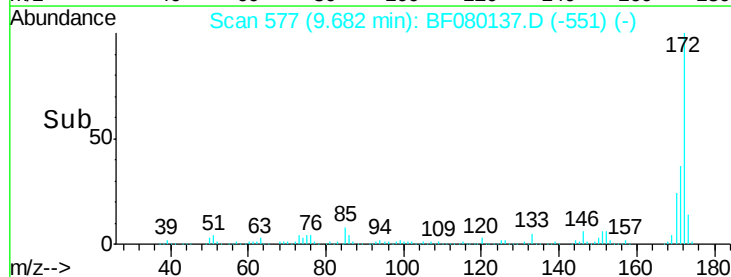
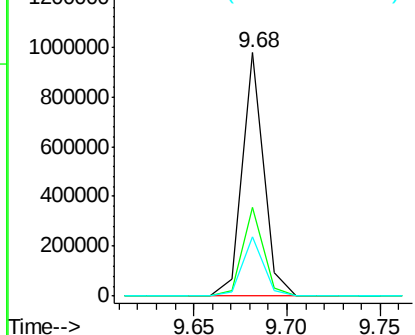


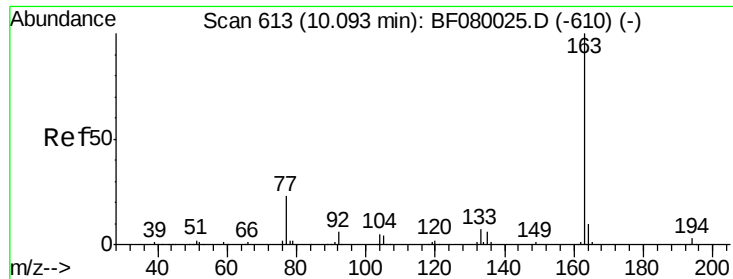
#44
 2-Fluorobiphenyl
 Concen: 90.79 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Tgt Ion:172 Resp: 781722
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.3 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

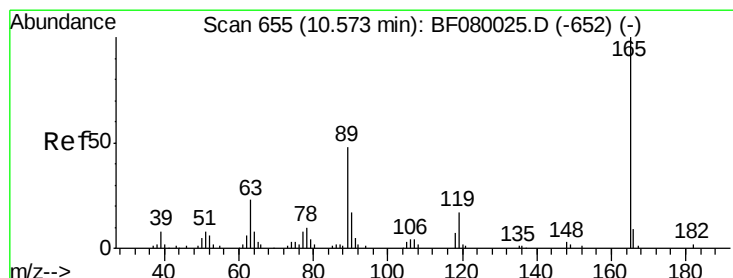
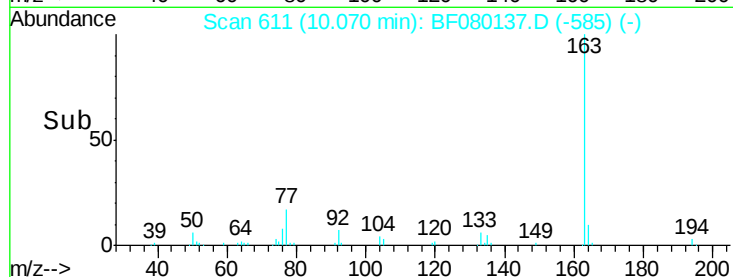
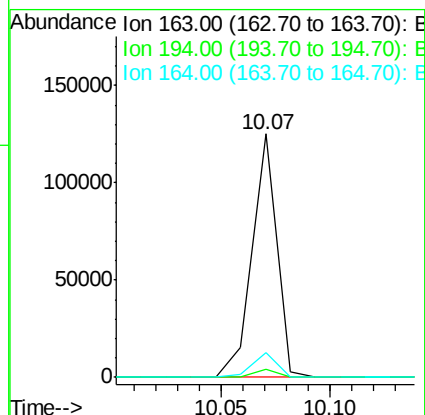
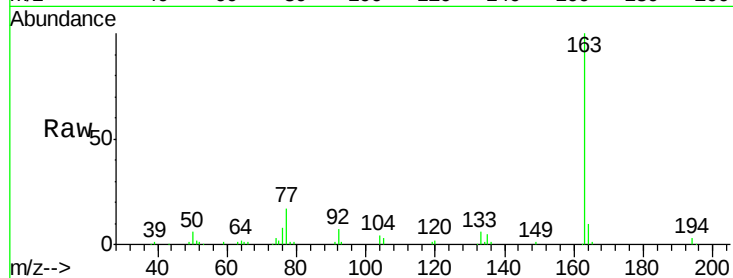




#49
Dimethylphthalate
Concen: 10.62 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080137.D
Acq: 24 Jun 2015 17:56

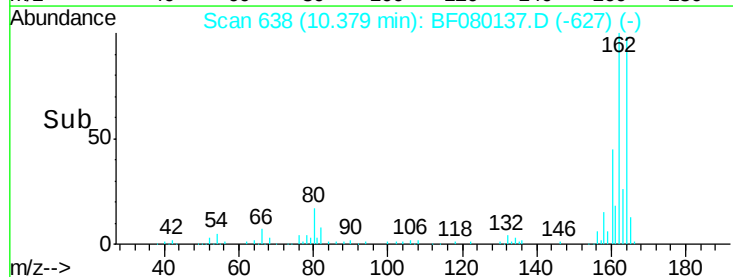
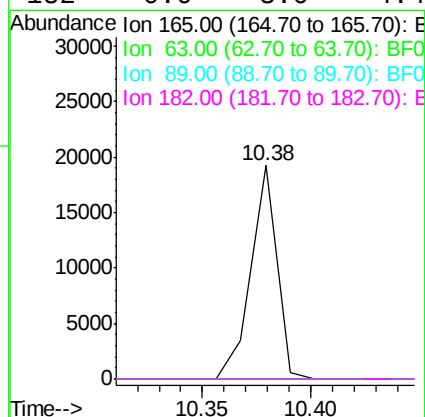
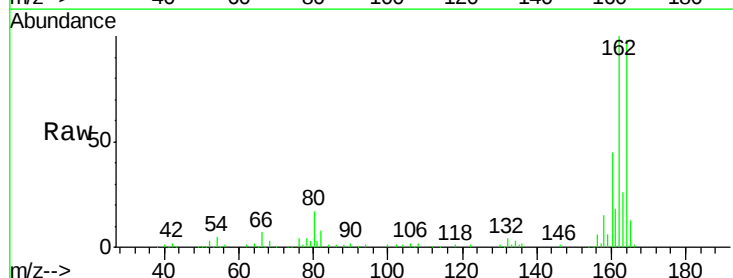
Instrument :
BNA_F
ClientSampleId :
SS-2

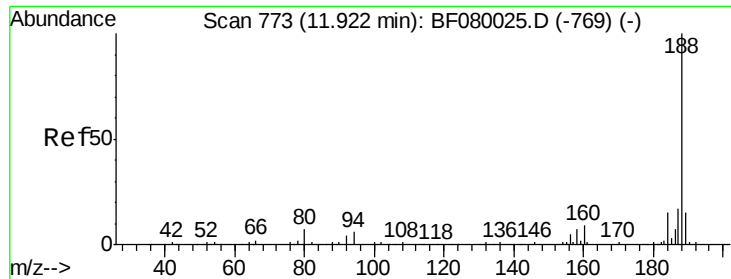
Tgt Ion:163 Resp: 98028
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080137.D
Acq: 24 Jun 2015 17:56

Tgt Ion:165 Resp: 15992
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#

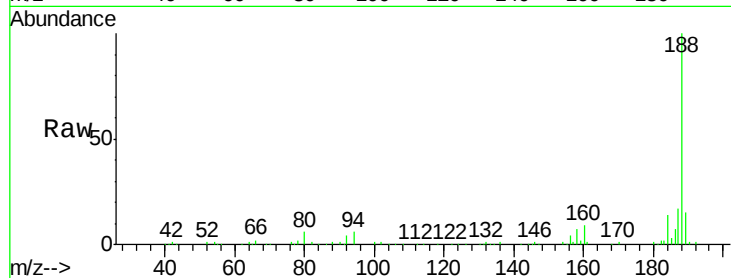




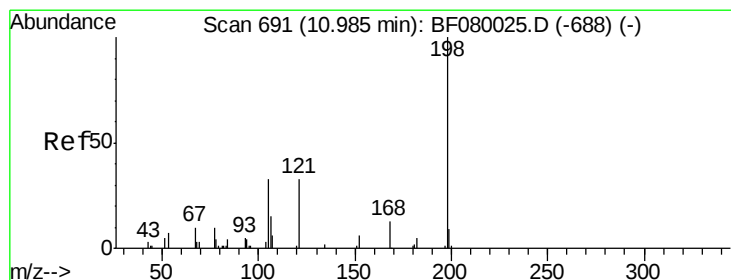
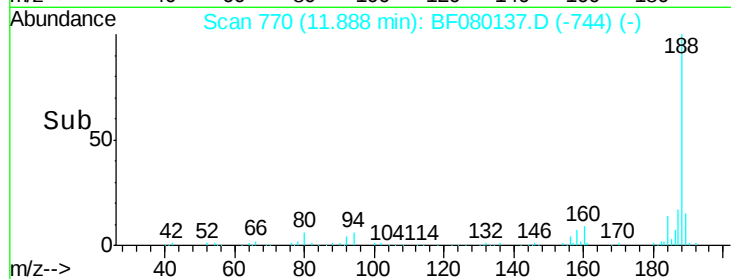
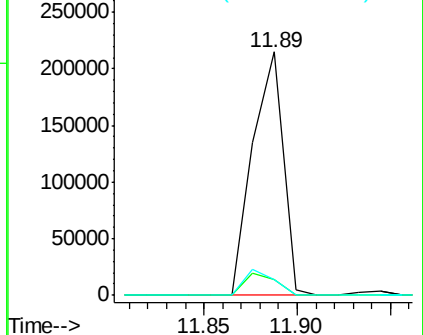
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	11.1	16.7#
80	6.5	11.0	16.4#

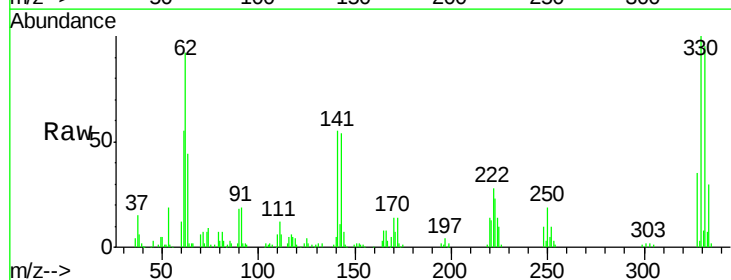


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

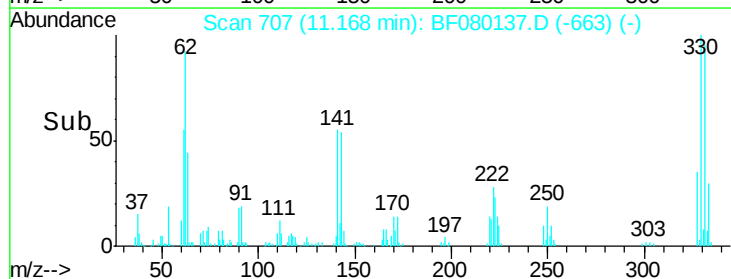
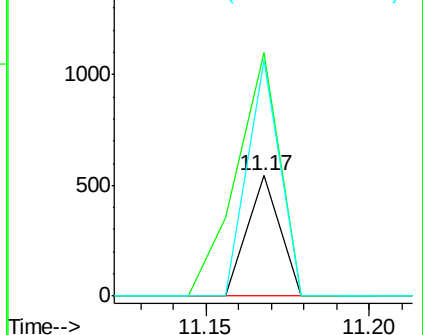


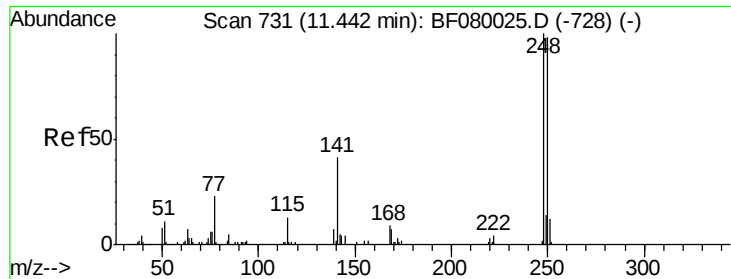
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.86 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Tgt Ion	Ratio	Lower	Upper
198	100		
51	202.0	39.6	79.6#
105	196.1	28.5	68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

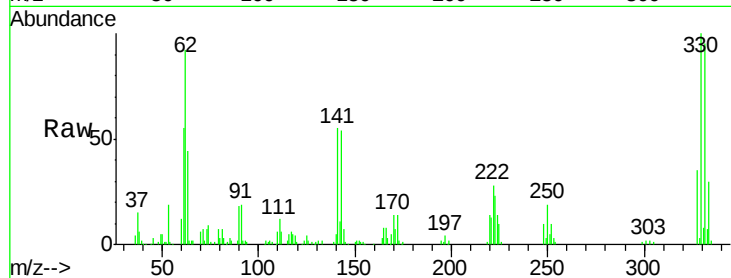




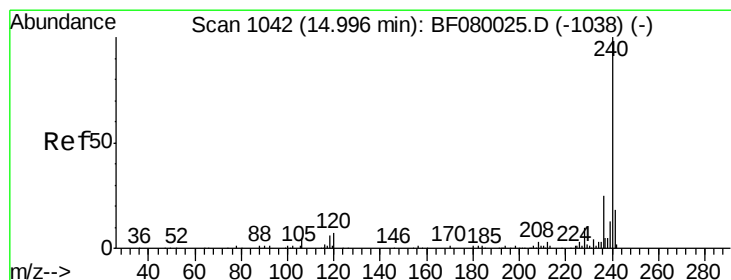
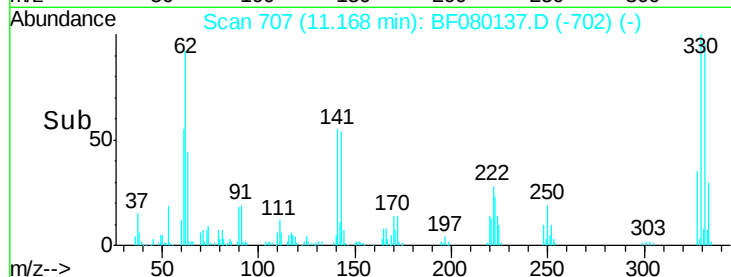
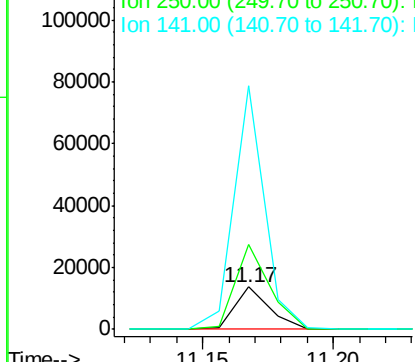
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 11.17 min Scan# 707
Delta R.T. -0.24 min
Lab File: BF080137.D
Acq: 24 Jun 2015 17:56

Instrument :
BNA_F
ClientSampled :
SS-2

Tgt Ion:248 Resp: 12726
Ion Ratio Lower Upper
248 100
250 198.8 78.5 117.7#
141 573.9 59.0 88.6#

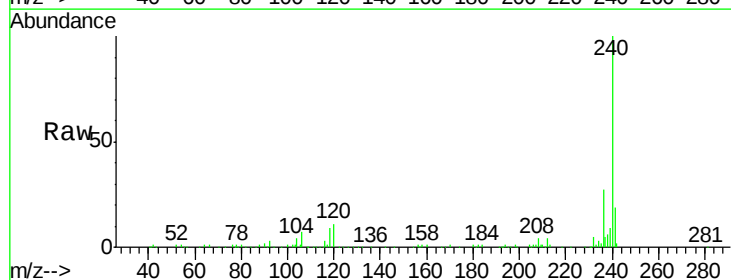


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

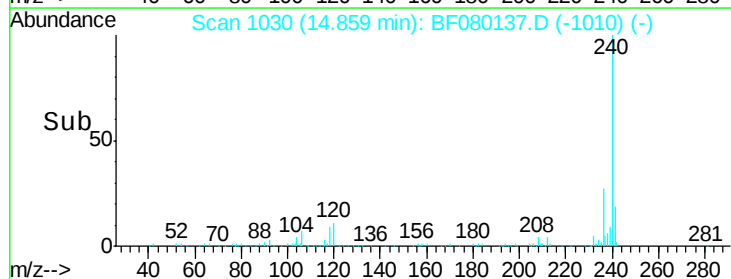
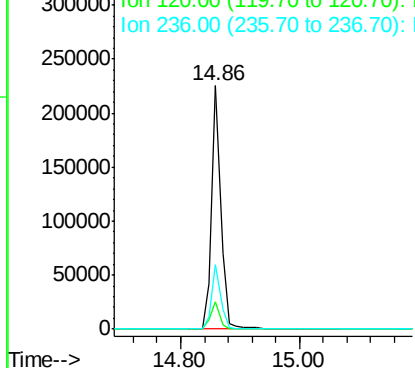


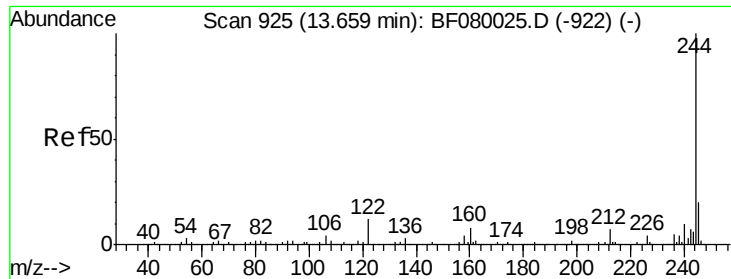
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 1030
Delta R.T. -0.07 min
Lab File: BF080137.D
Acq: 24 Jun 2015 17:56

Tgt Ion:240 Resp: 243630
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 26.5 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

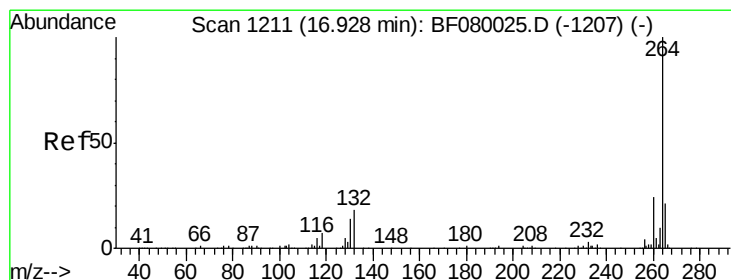
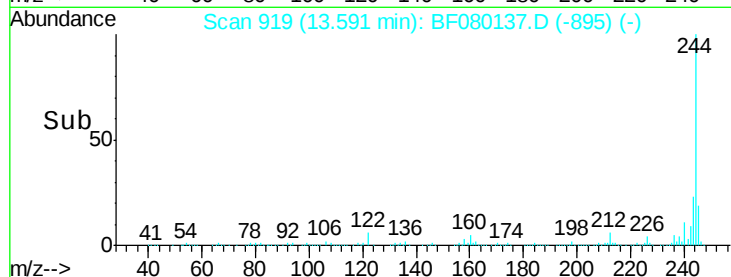
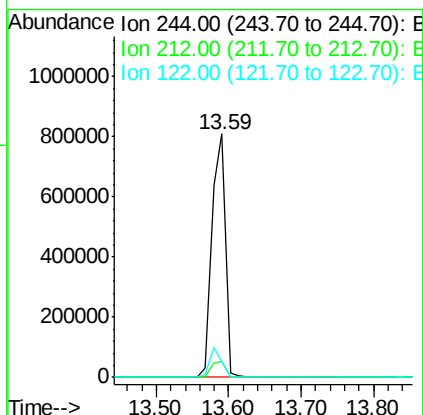
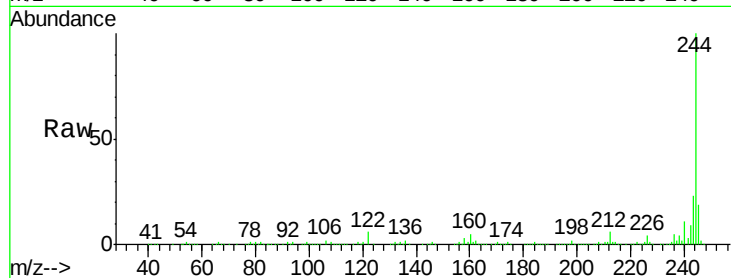




#78
 Terphenyl-d14
 Concen: 99.70 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Tgt Ion:244 Resp: 1040071
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.3 6.5
 122 6.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.73 min Scan# 1194
 Delta R.T. -0.10 min
 Lab File: BF080137.D
 Acq: 24 Jun 2015 17:56

Tgt Ion:264 Resp: 217121
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.6 17.2 25.8

