

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080142.D
 Acq On : 24 Jun 2015 20:21
 Operator : TP/IZ
 Sample : G2750-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Quant Time: Jun 25 01:00:59 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

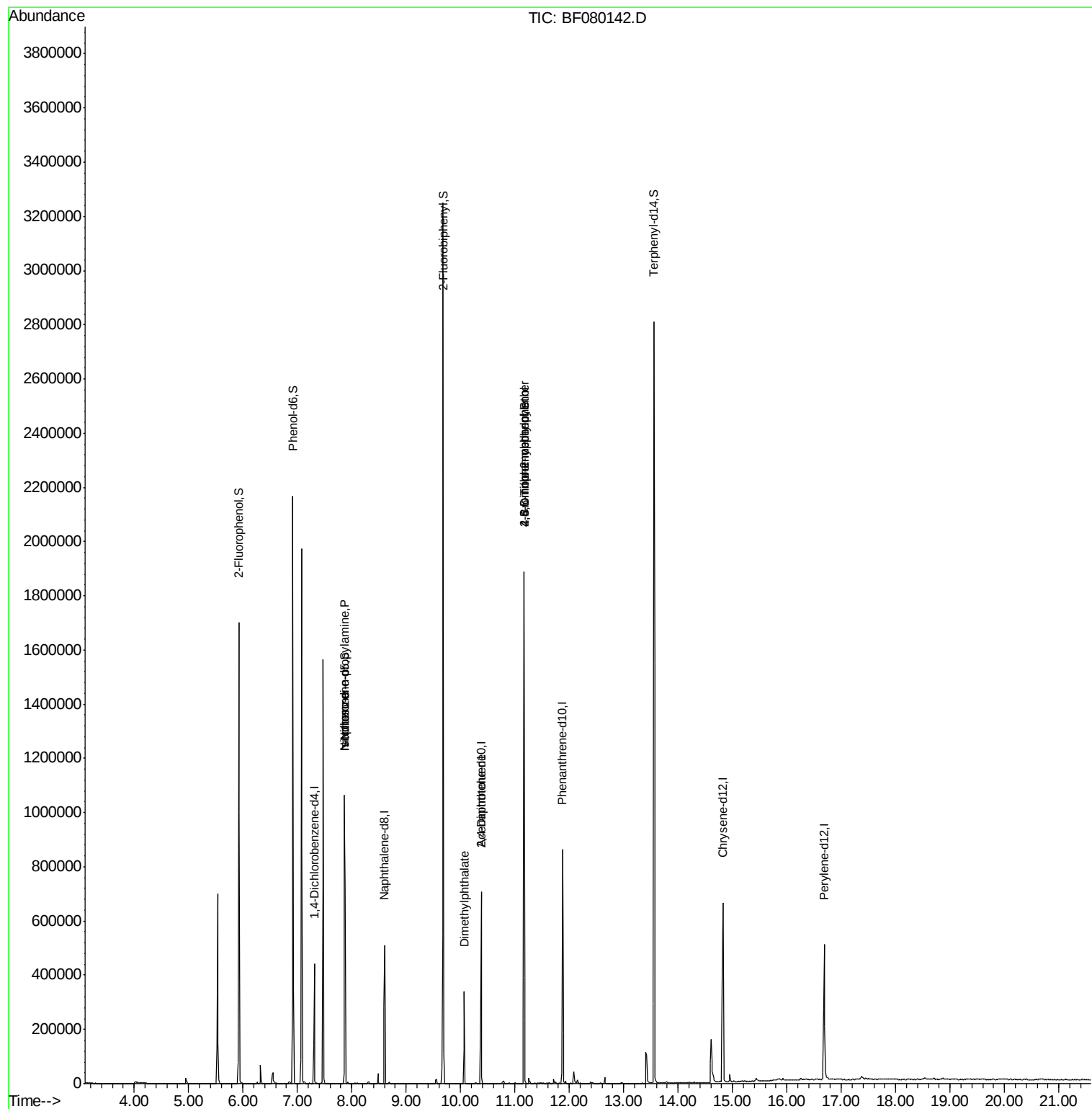
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	70871	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	271239	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	147752	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	305135	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	313405	20.00	ng	-0.10
86) Perylene-d12	16.69	264	279337	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	556734	139.06	ng	0.00
7) Phenol-d6	6.92	99	695109	130.47	ng	0.00
23) Nitrobenzene-d5	7.86	82	433714	93.09	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	203950	141.16	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	893491	86.24	ng	0.00
78) Terphenyl-d14	13.56	244	1133344	84.46	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	55817	15.09	ng	# 61
25) Isophorone	7.86	82	424966	45.32	ng	# 58
49) Dimethylphthalate	10.07	163	156633	14.10	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	18927	6.70	ng	# 32
64) 4,6-Dinitro-2-methylphenol	11.17	198	448	3.84	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	14983	4.62	ng	# 1

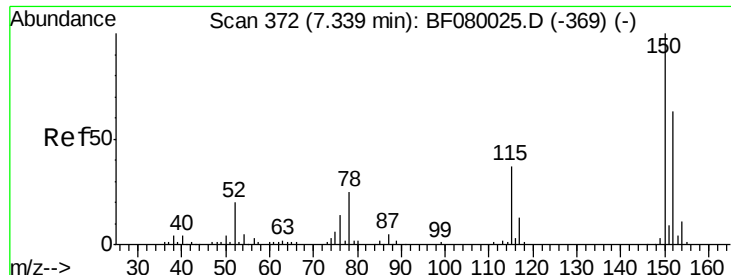
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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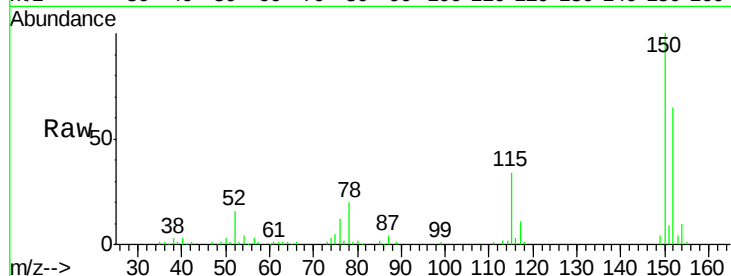


#1

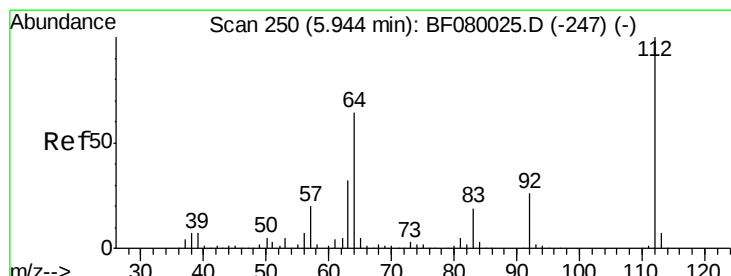
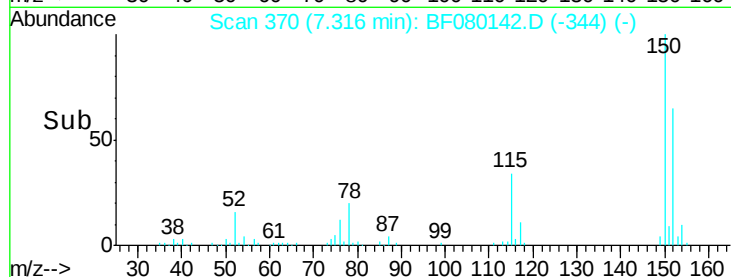
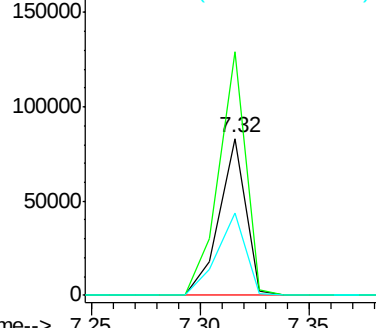
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF080142.D
Acq: 24 Jun 2015 20:21

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:152 Resp: 70871
Ion Ratio Lower Upper
152 100
150 154.9 124.7 187.1
115 52.3 39.0 58.4



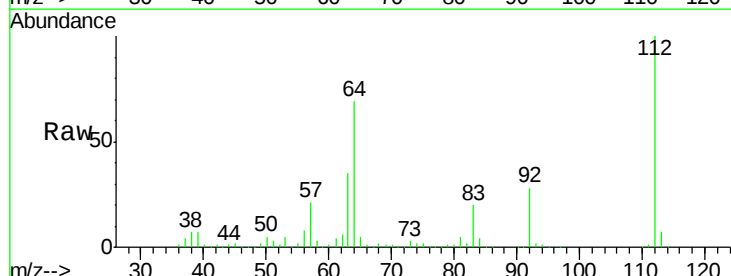
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



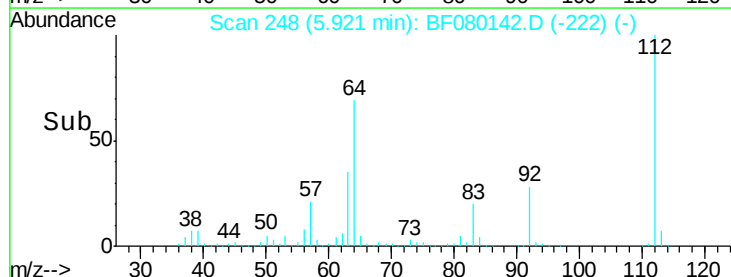
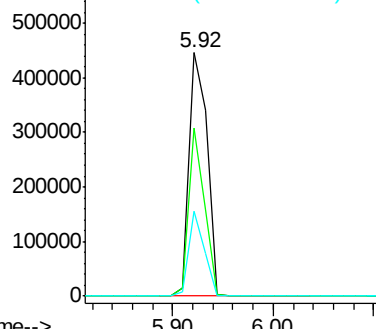
#5

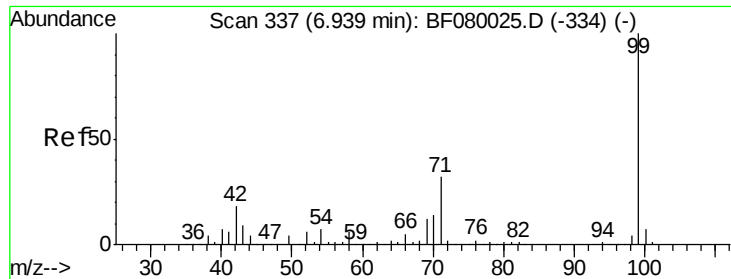
2-Fluorophenol
Concen: 139.06 ng
RT: 5.92 min Scan# 248
Delta R.T. -0.00 min
Lab File: BF080142.D
Acq: 24 Jun 2015 20:21

Tgt Ion:112 Resp: 556734
Ion Ratio Lower Upper
112 100
64 69.1 39.7 59.5#
63 34.7 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: 130.47 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080142.D

Acq: 24 Jun 2015 20:21

Instrument :

BNA_F

ClientSampled :

SS-7

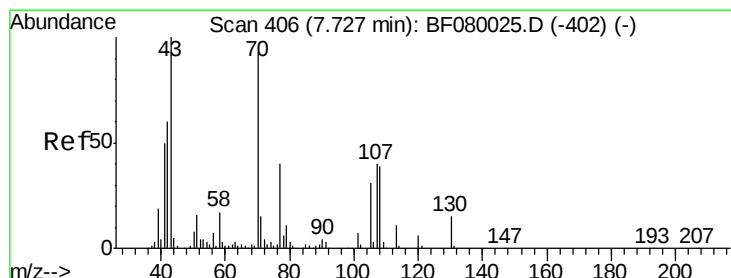
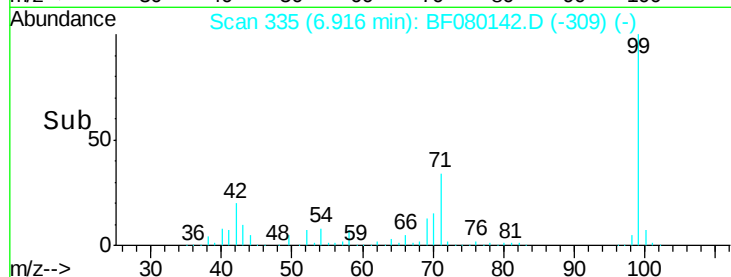
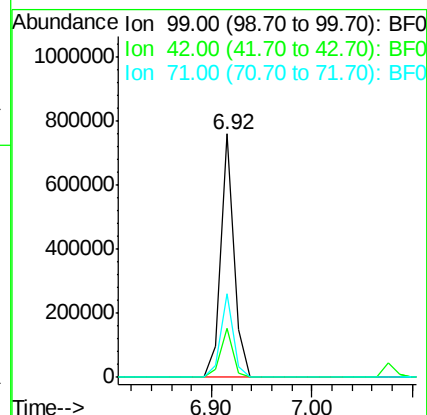
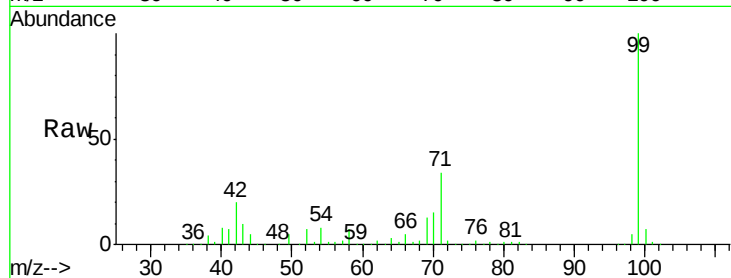
Tgt Ion: 99 Resp: 695109

Ion Ratio Lower Upper

99 100

42 20.0 13.7 20.5

71 34.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.09 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080142.D

Acq: 24 Jun 2015 20:21

Tgt Ion: 70 Resp: 55817

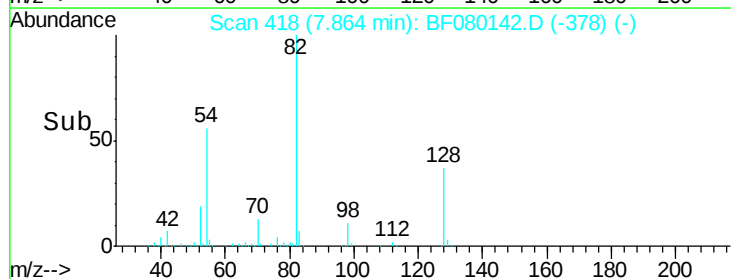
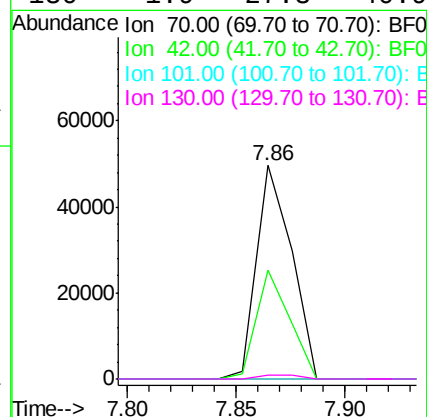
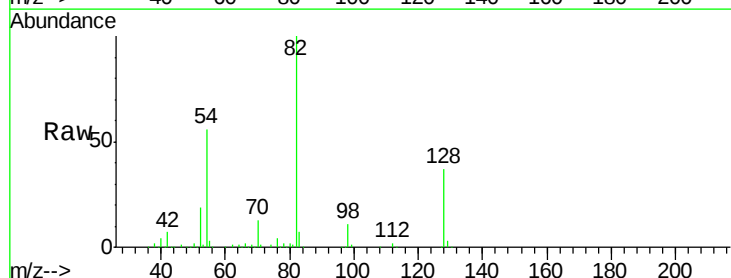
Ion Ratio Lower Upper

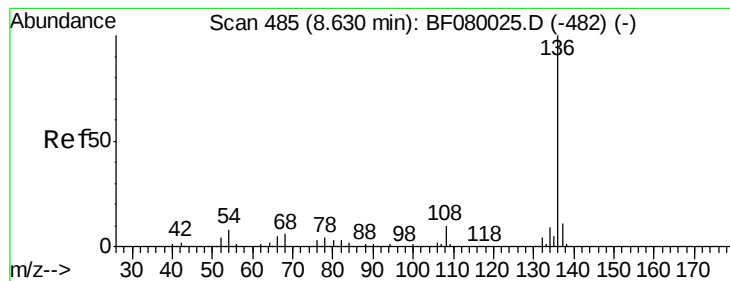
70 100

42 50.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF080142.D

Acq: 24 Jun 2015 20:21

Instrument :

BNA_F

ClientSampleId :

SS-7

Tgt Ion: 136 Resp: 271239

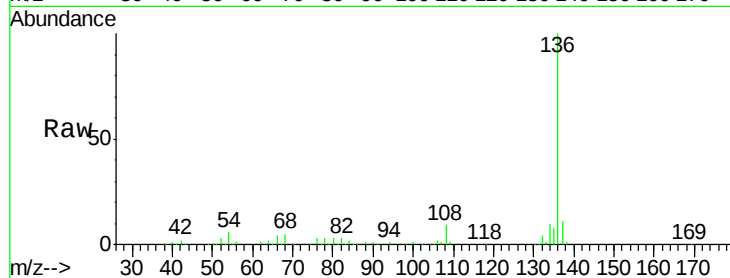
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.1 8.2 12.2#

68 4.8 5.8 8.6#

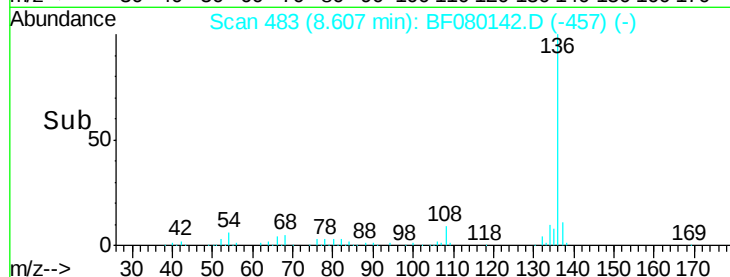


Abundance Ion 136.00 (135.70 to 136.70): E

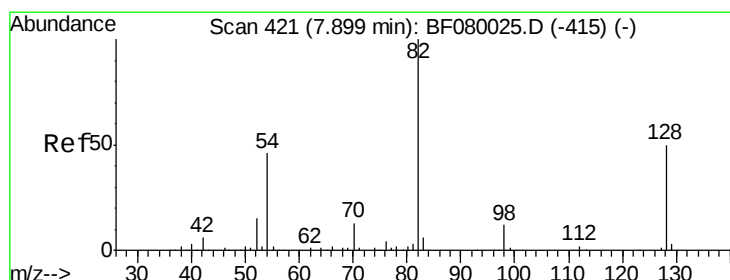
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.09 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF080142.D

Acq: 24 Jun 2015 20:21

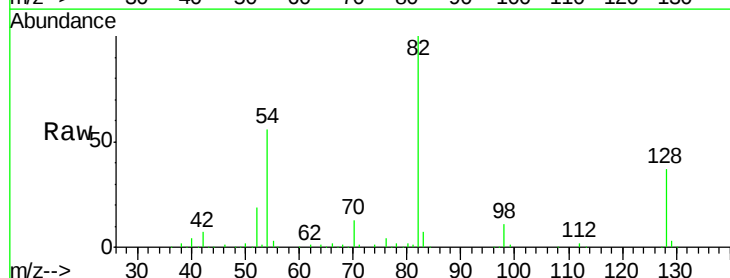
Tgt Ion: 82 Resp: 433714

Ion Ratio Lower Upper

82 100

128 36.5 51.0 76.6#

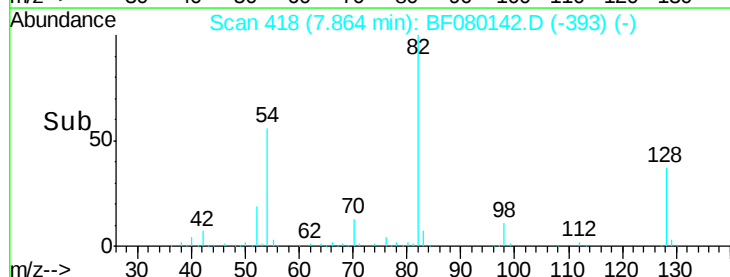
54 55.6 47.5 71.3



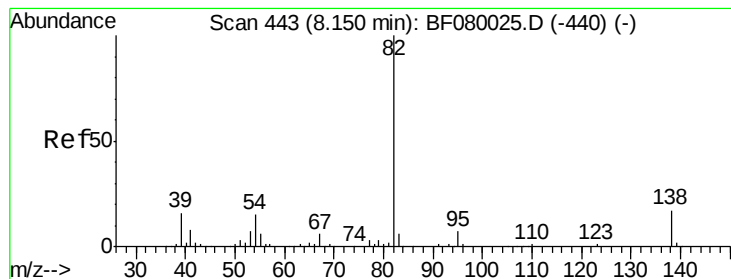
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 45.32 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080142.D

Acq: 24 Jun 2015 20:21

Instrument :

BNA_F

ClientSampleId :

SS-7

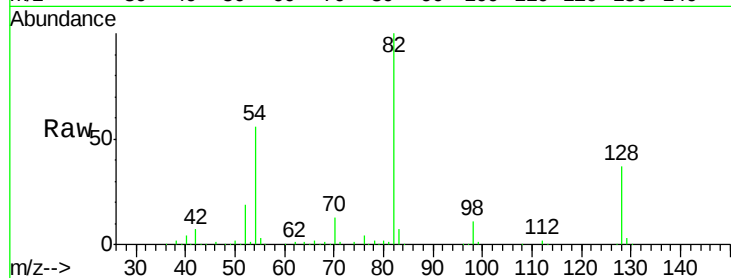
Tgt Ion: 82 Resp: 424966

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

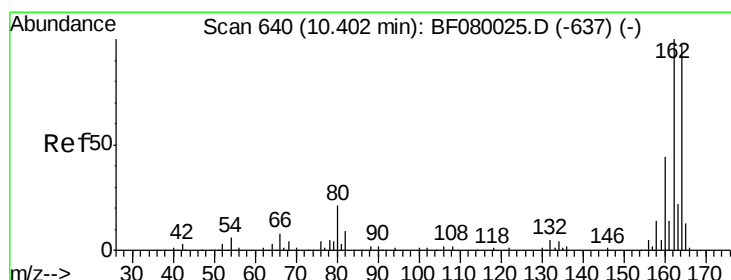
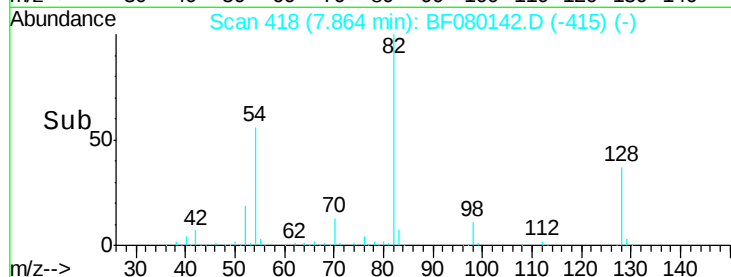
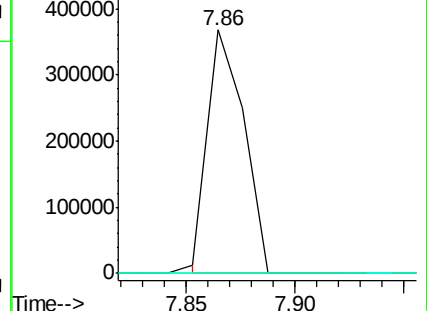
138 0.0 18.3 27.5#



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: BF080142.D

Acq: 24 Jun 2015 20:21

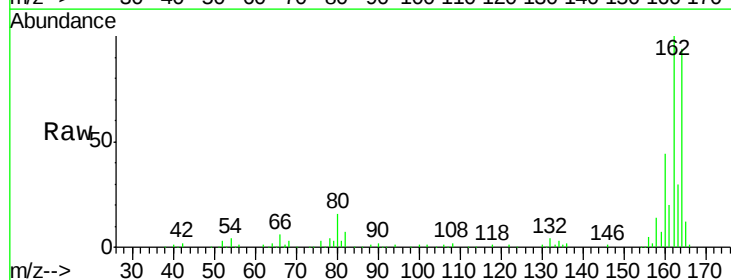
Tgt Ion: 164 Resp: 147752

Ion Ratio Lower Upper

164 100

162 106.2 75.2 112.8

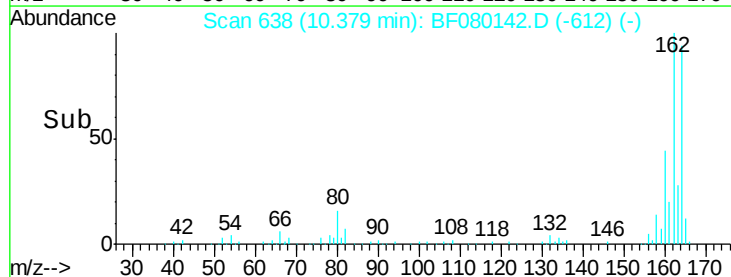
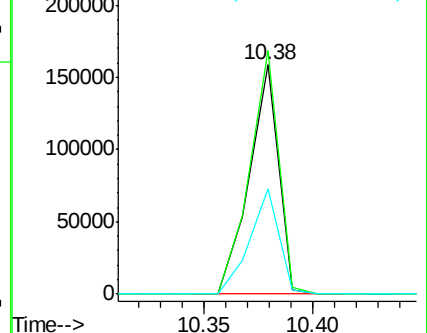
160 46.2 31.5 47.3



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

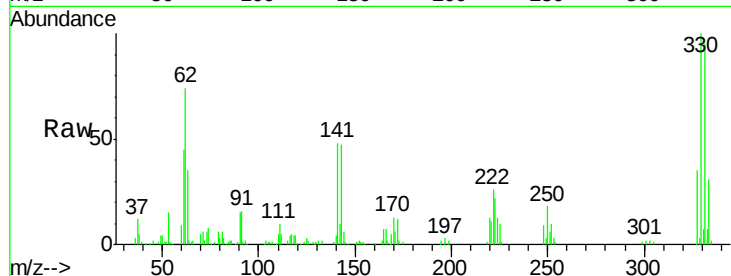




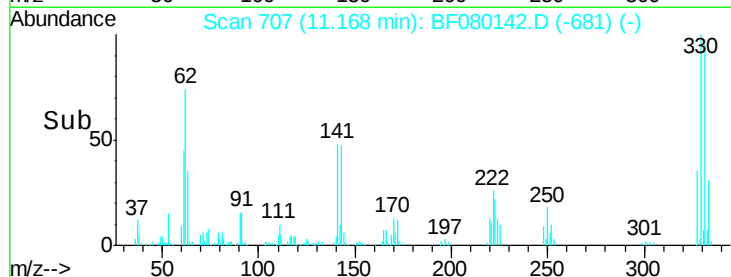
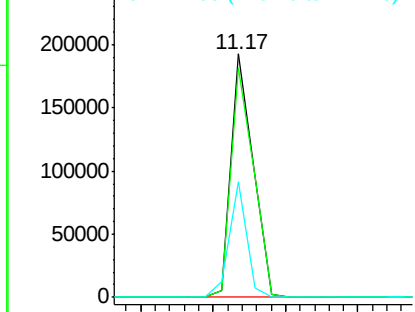
#41
 2,4,6-Tribromophenol
 Concen: 141.16 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Tgt Ion:330 Resp: 203950
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 37.6 29.7 44.5

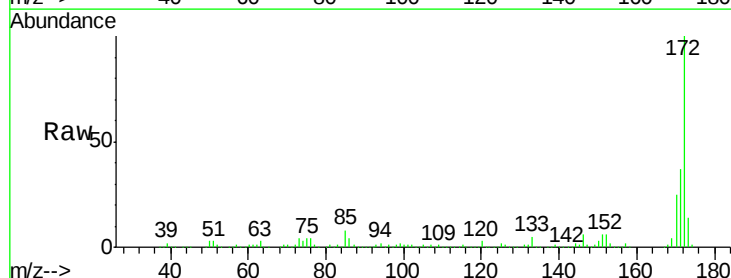


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

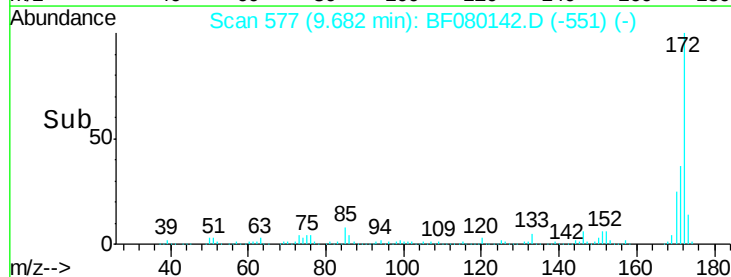
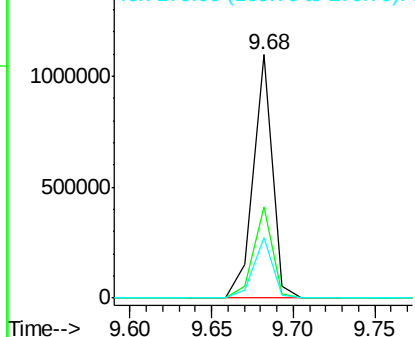


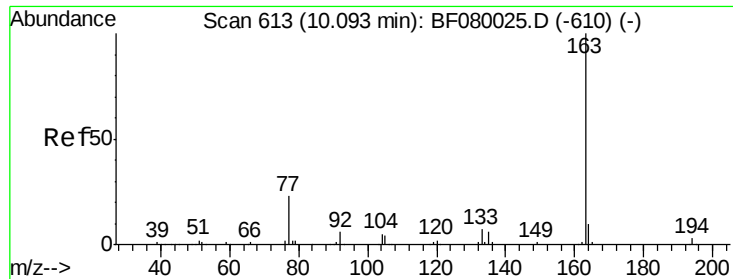
#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Tgt Ion:172 Resp: 893491
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.0 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

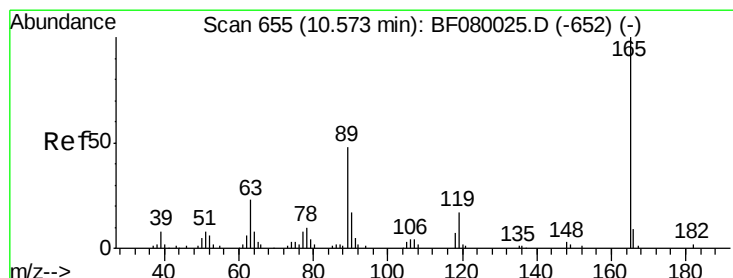
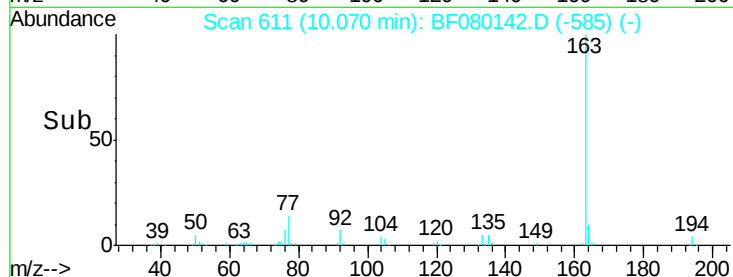
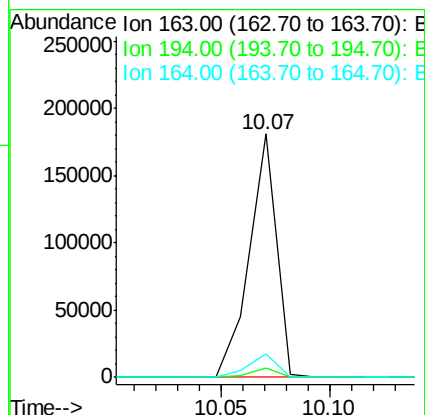
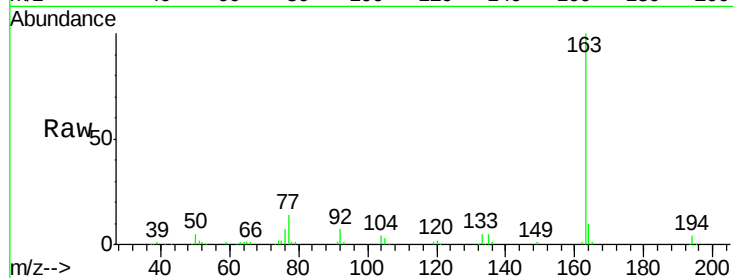




#49
Dimethylphthalate
Concen: 14.10 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080142.D
Acq: 24 Jun 2015 20:21

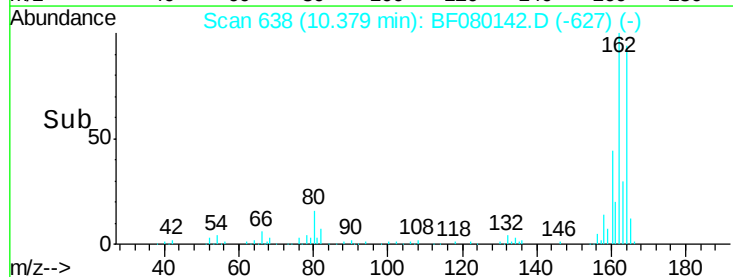
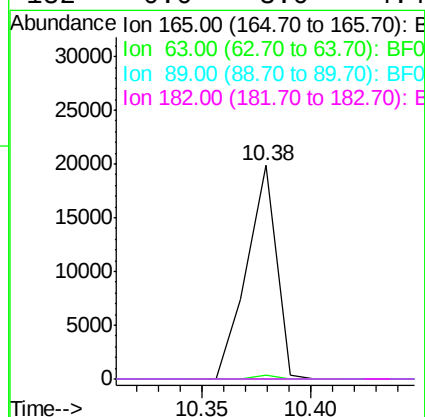
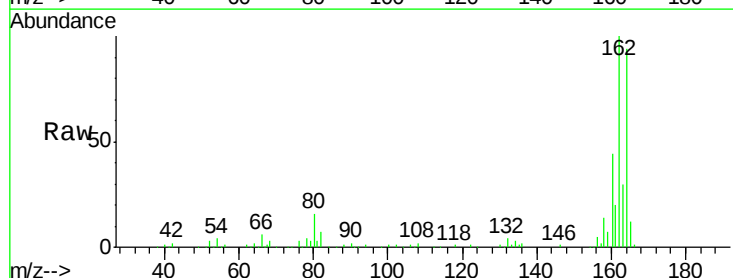
Instrument :
BNA_F
ClientSampleId :
SS-7

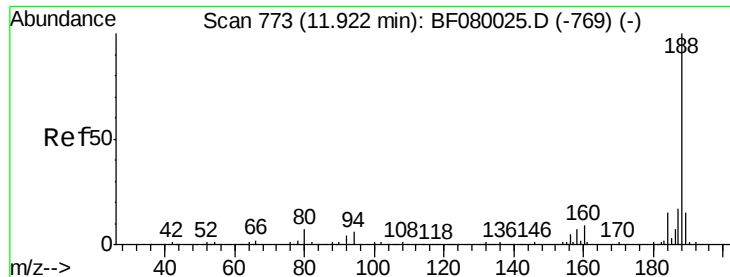
Tgt Ion:163 Resp: 156633
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 9.6 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080142.D
Acq: 24 Jun 2015 20:21

Tgt Ion:165 Resp: 18927
Ion Ratio Lower Upper
165 100
63 1.5 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

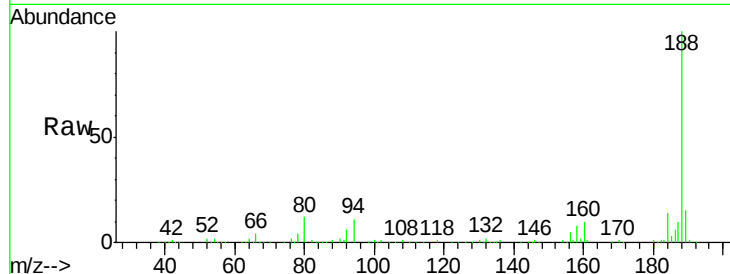




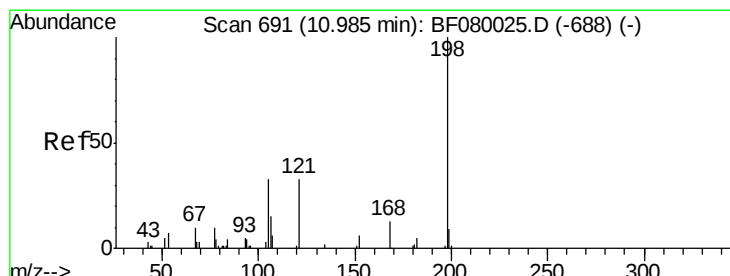
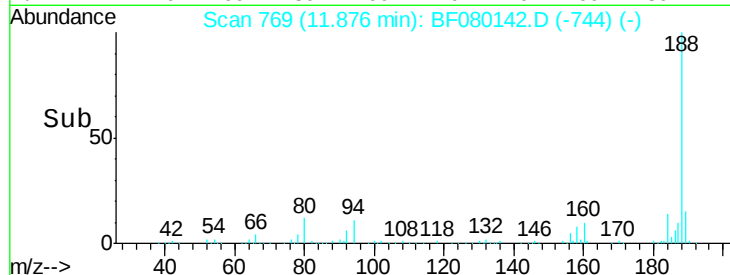
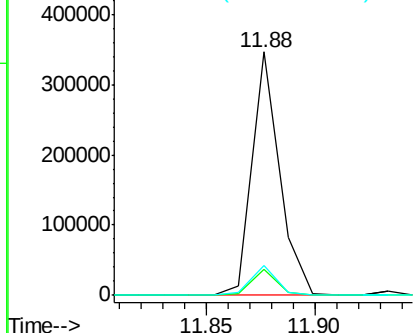
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Instrument :
 BNA_F
 ClientSampled :
 SS-7

Tgt Ion:188 Resp: 305135
 Ion Ratio Lower Upper
 188 100
 94 10.9 11.1 16.7#
 80 12.2 11.0 16.4

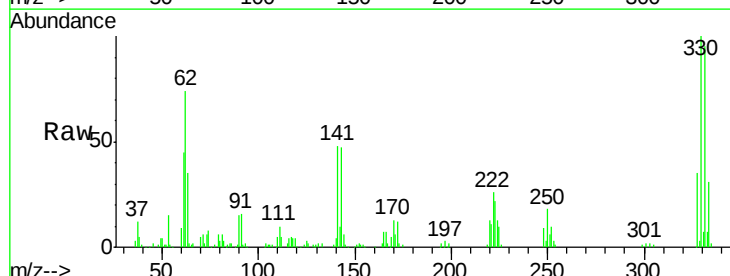


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

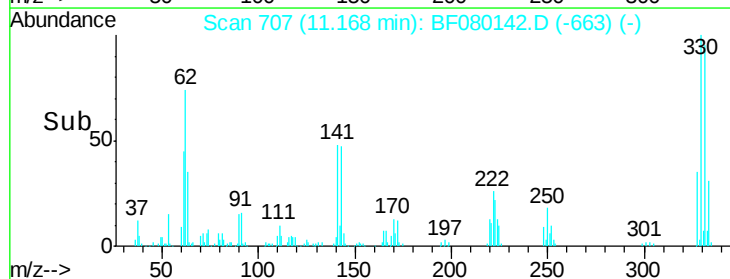
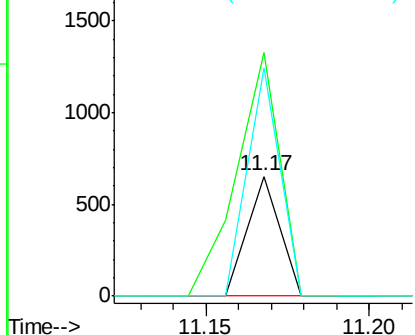


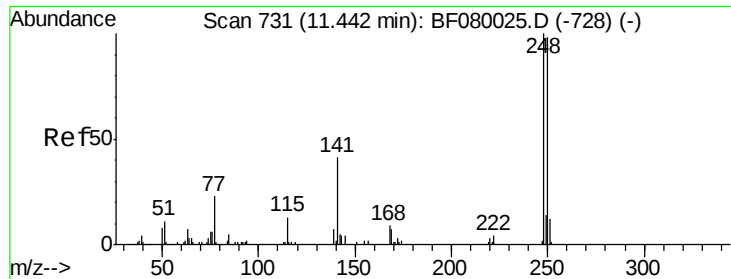
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.84 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Tgt Ion:198 Resp: 448
 Ion Ratio Lower Upper
 198 100
 51 203.4 39.6 79.6#
 105 190.2 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

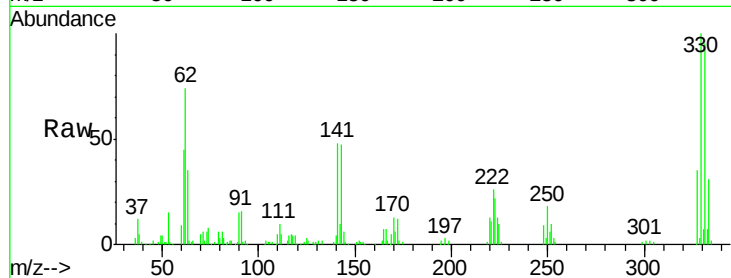




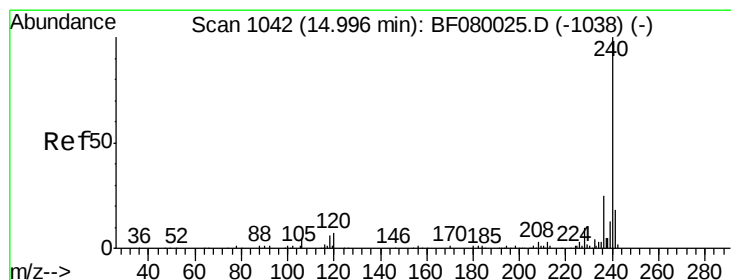
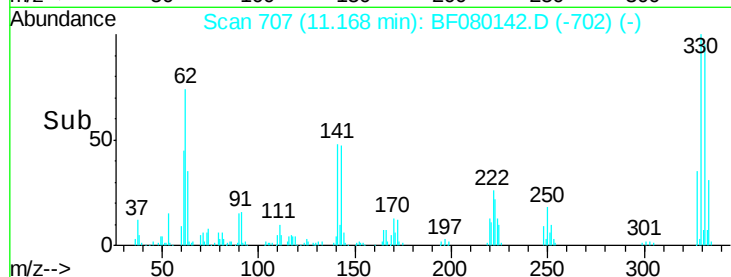
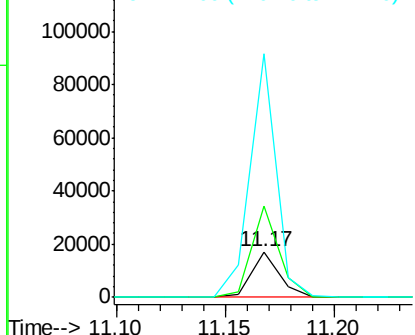
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.24 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Tgt Ion:248 Resp: 14983
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.5 117.7#
 141 537.5 59.0 88.6#

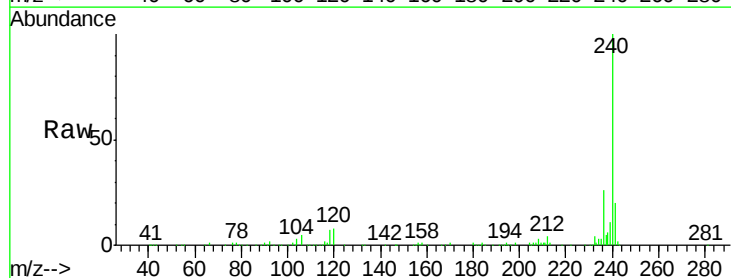


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

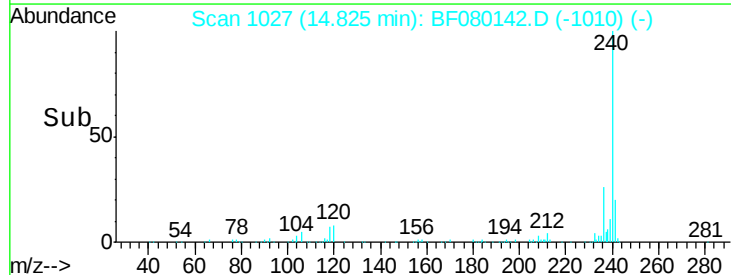
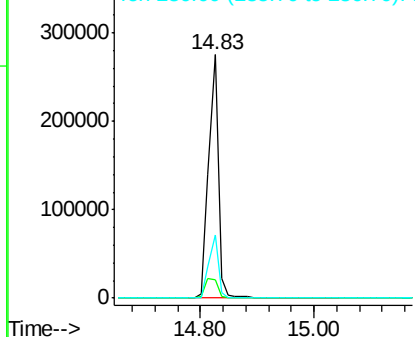


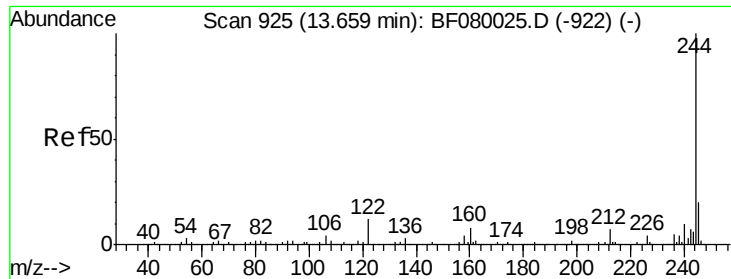
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. -0.10 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Tgt Ion:240 Resp: 313405
 Ion Ratio Lower Upper
 240 100
 120 7.6 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

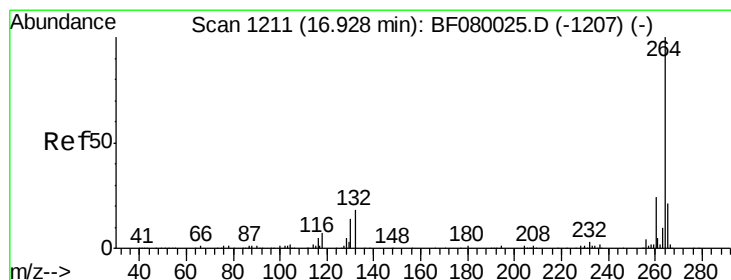
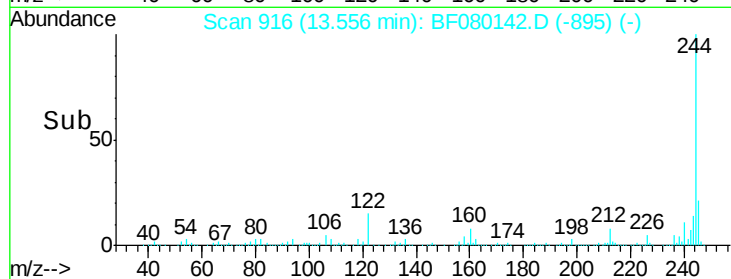
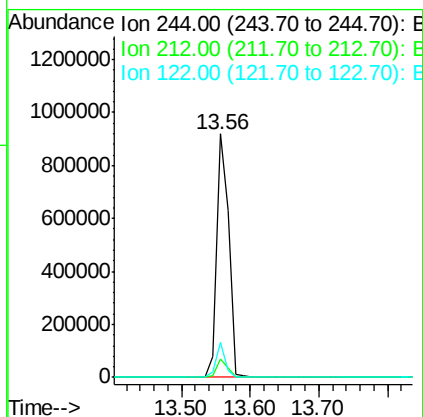
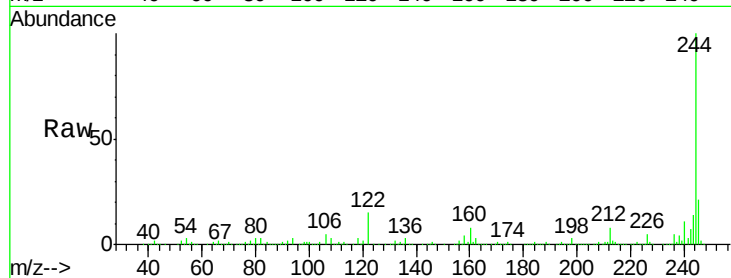




#78
 Terphenyl-d14
 Concen: 84.46 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.06 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Instrument :
 BNA_F
 ClientSampled :
 SS-7

Tgt Ion:244 Resp: 1133344
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 14.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.69 min Scan# 1190
 Delta R.T. -0.15 min
 Lab File: BF080142.D
 Acq: 24 Jun 2015 20:21

Tgt Ion:264 Resp: 279337
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.6 17.2 25.8

