

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080136.D
 Acq On : 24 Jun 2015 17:10
 Operator : TP/IZ
 Sample : G2750-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Jun 25 00:59:42 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

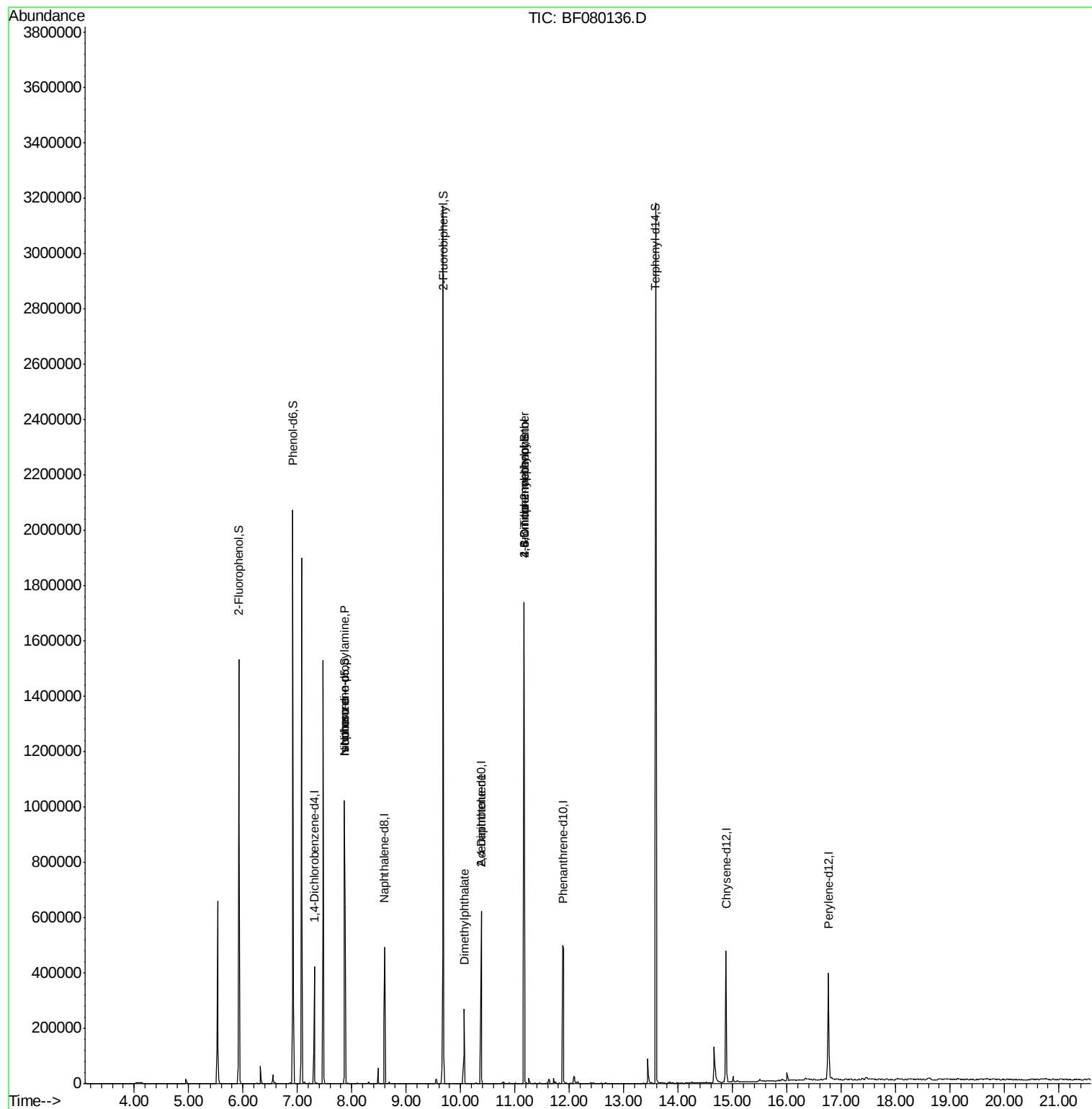
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63190	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	248370	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	134802	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	279985	20.00	ng	0.00
75) Chrysene-d12	14.88	240	278063	20.00	ng	-0.05
86) Perylene-d12	16.77	264	242066	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	513779	143.93	ng	0.00
7) Phenol-d6	6.92	99	658318	138.59	ng	0.00
23) Nitrobenzene-d5	7.86	82	402000	94.23	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	182487	138.44	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	863035	91.30	ng	0.00
78) Terphenyl-d14	13.59	244	1067466	89.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	51350	15.57	ng	# 63
25) Isophorone	7.86	82	396026	46.12	ng	# 58
49) Dimethylphthalate	10.07	163	124344	12.27	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	17025	6.60	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.17	198	451	3.88	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	13043	4.38	ng	# 1

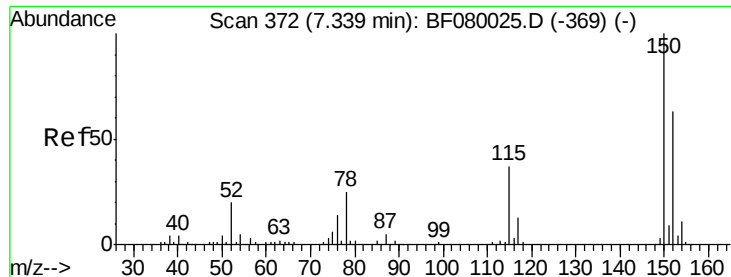
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 00:59:42 2015
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QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

Instrument :

BNA_F

ClientSampleId :

SS-1

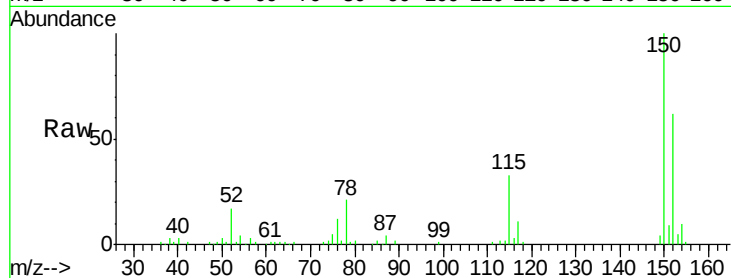
Tgt Ion:152 Resp: 63190

Ion Ratio Lower Upper

152 100

150 161.1 124.7 187.1

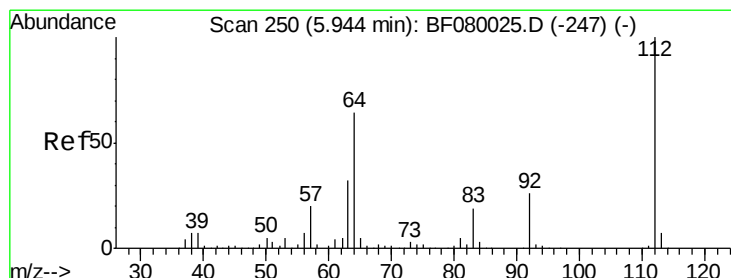
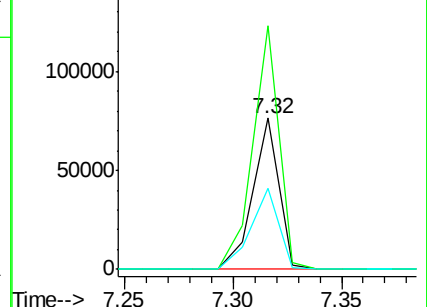
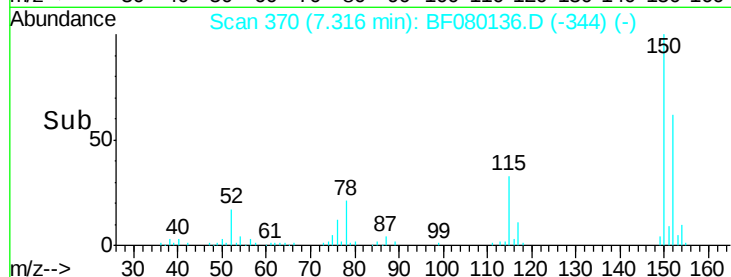
115 53.4 39.0 58.4



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: 143.93 ng

RT: 5.92 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

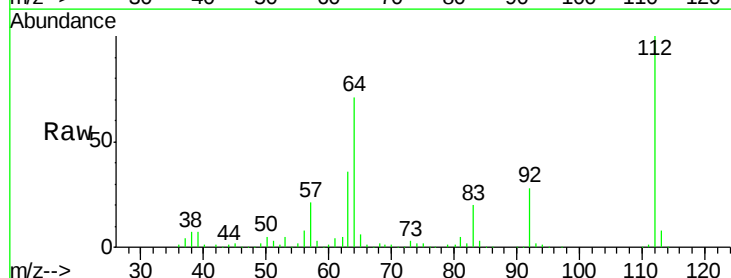
Tgt Ion:112 Resp: 513779

Ion Ratio Lower Upper

112 100

64 70.5 39.7 59.5#

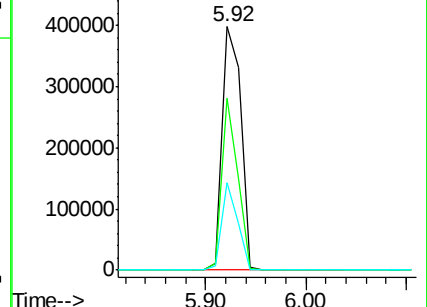
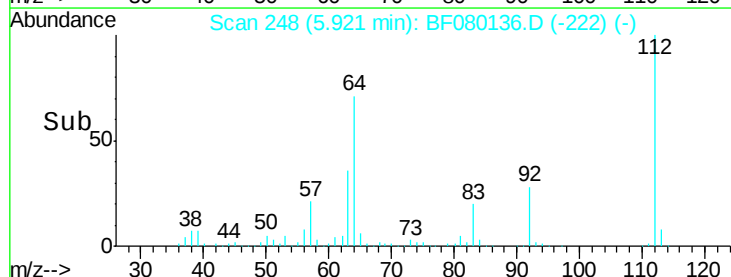
63 35.7 17.4 26.0#

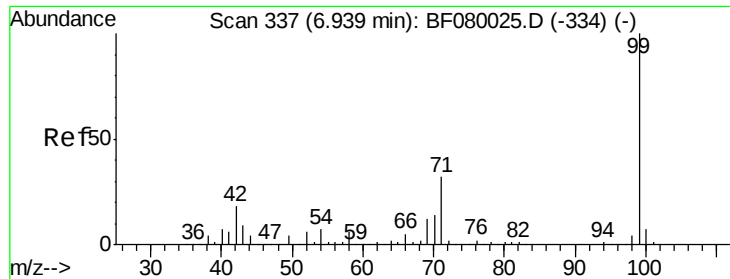


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.59 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

Instrument :

BNA_F

ClientSampleId :

SS-1

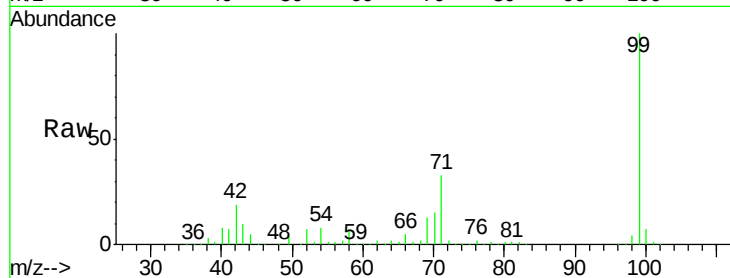
Tgt Ion: 99 Resp: 658318

Ion Ratio Lower Upper

99 100

42 19.3 13.7 20.5

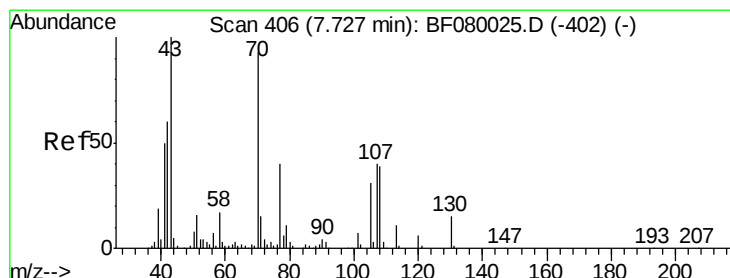
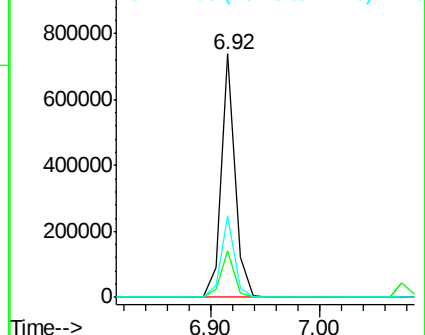
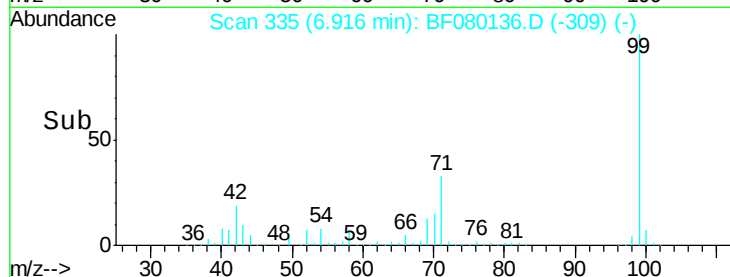
71 33.5 14.2 21.2#



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: 15.57 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

Tgt Ion: 70 Resp: 51350

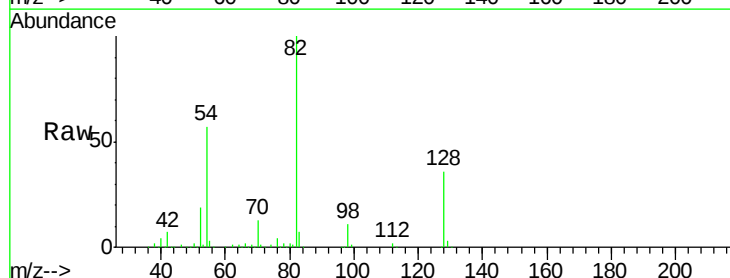
Ion Ratio Lower Upper

70 100

42 53.2 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

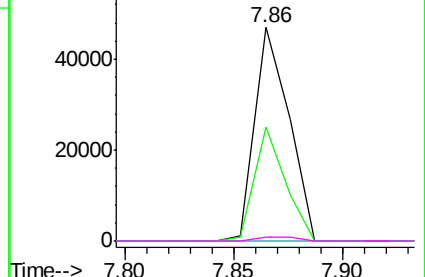
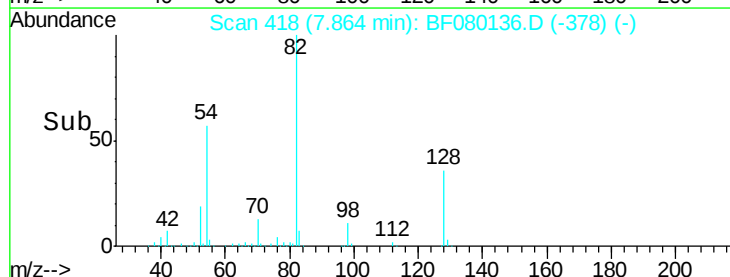


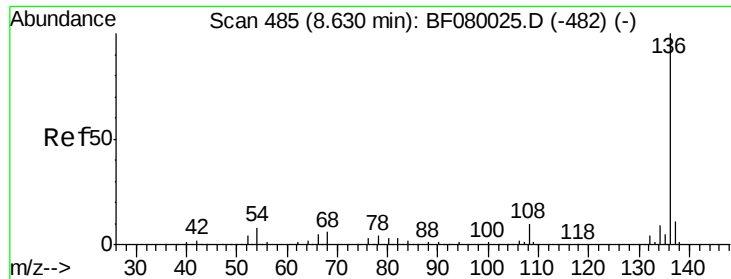
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

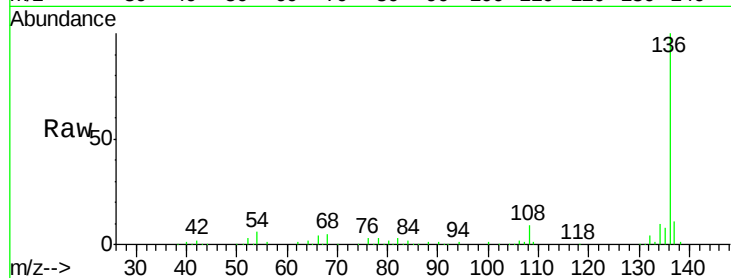




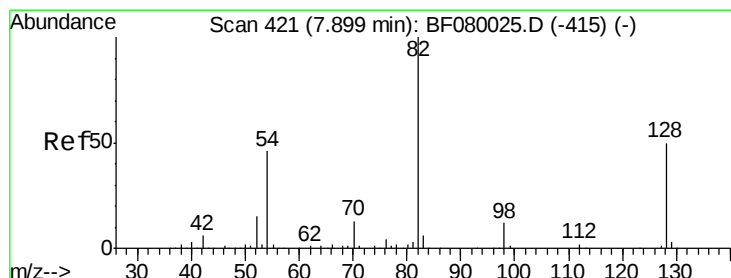
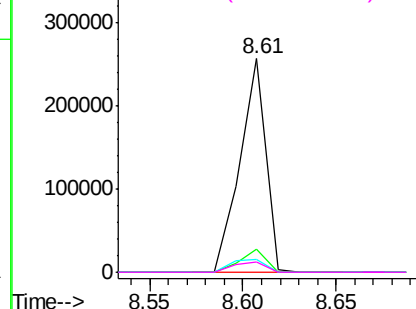
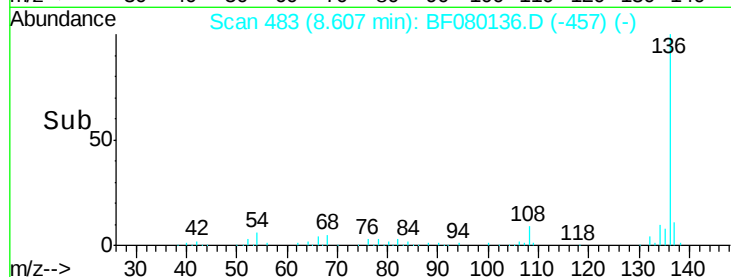
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080136.D
Acq: 24 Jun 2015 17:10

Instrument :
BNA_F
ClientSampleId :
SS-1

Tgt Ion: 136 Resp: 248370
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 6.3 8.2 12.2#
68 4.9 5.8 8.6#

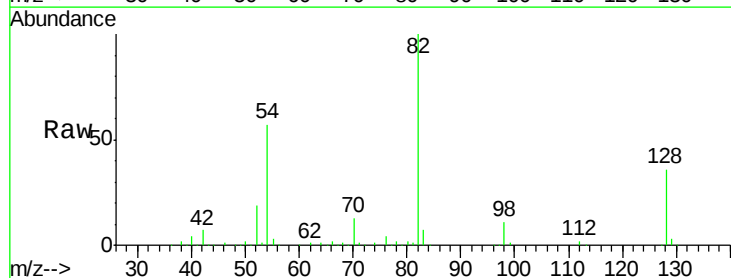


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

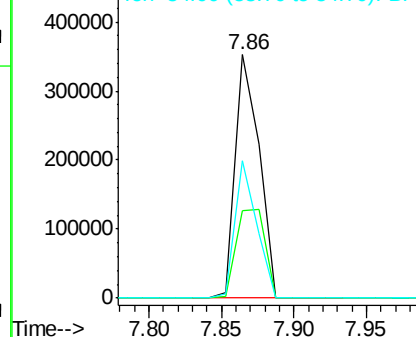
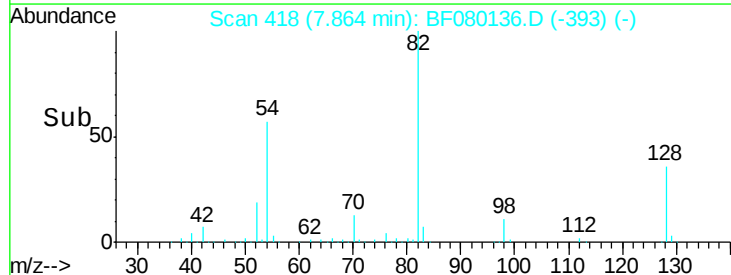


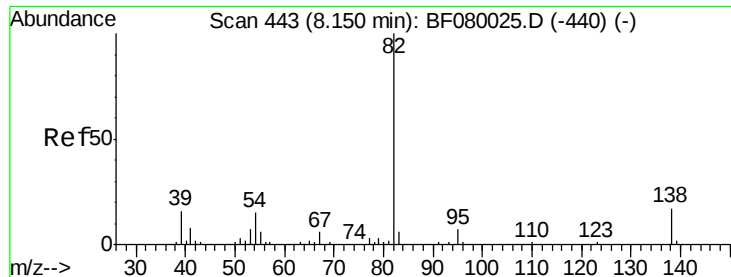
#23
Nitrobenzene-d5
Concen: 94.23 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080136.D
Acq: 24 Jun 2015 17:10

Tgt Ion: 82 Resp: 402000
Ion Ratio Lower Upper
82 100
128 36.1 51.0 76.6#
54 56.7 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: 46.12 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

Instrument :

BNA_F

ClientSampleId :

SS-1

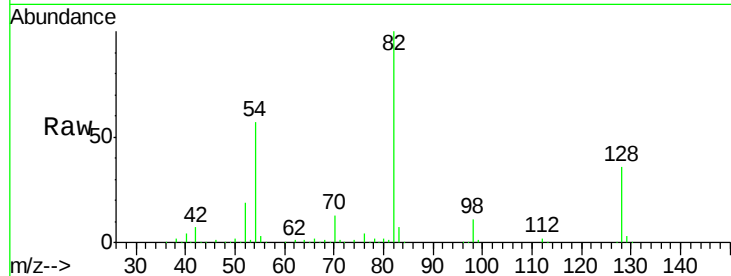
Tgt Ion: 82 Resp: 396026

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

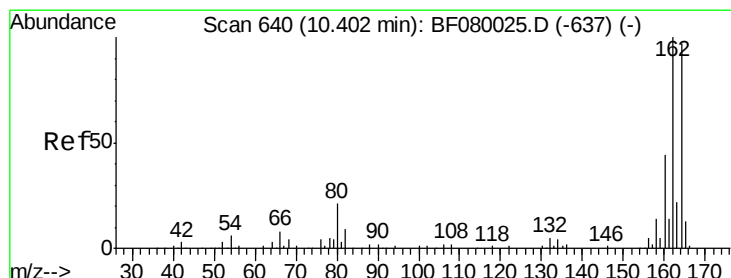
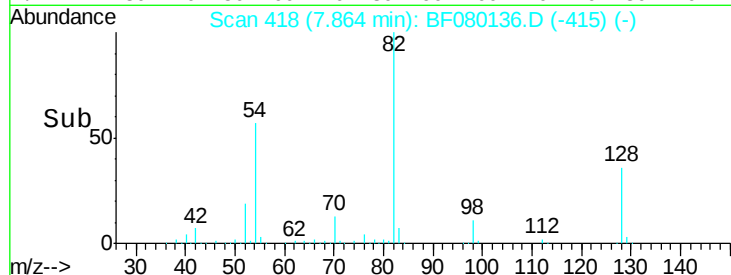
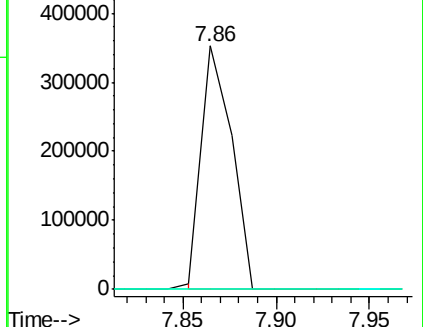
138 0.0 18.3 27.5#



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: BF080136.D

Acq: 24 Jun 2015 17:10

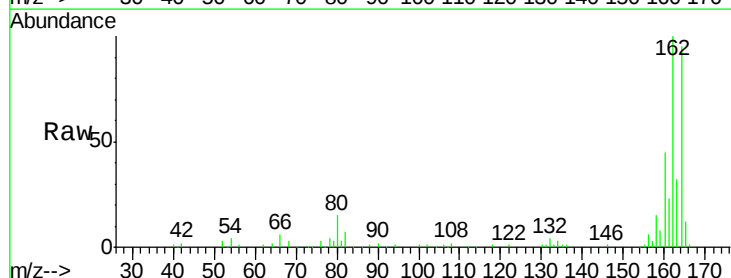
Tgt Ion: 164 Resp: 134802

Ion Ratio Lower Upper

164 100

162 104.8 75.2 112.8

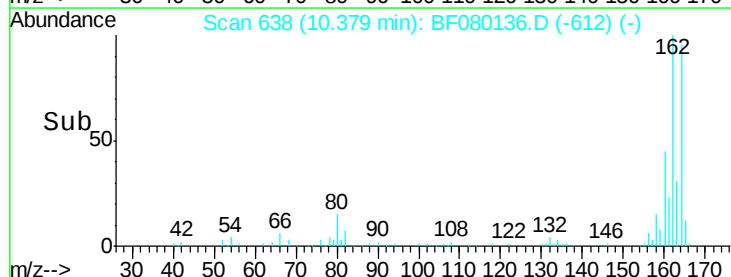
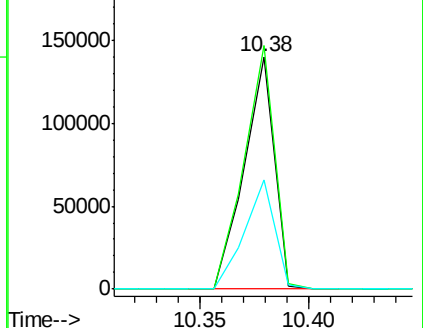
160 46.8 31.5 47.3

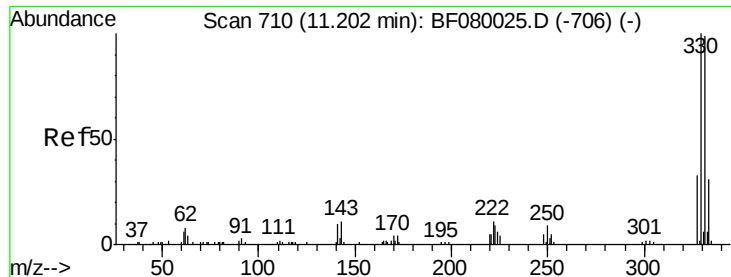


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

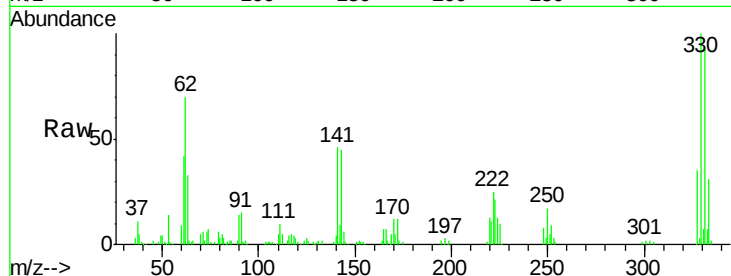




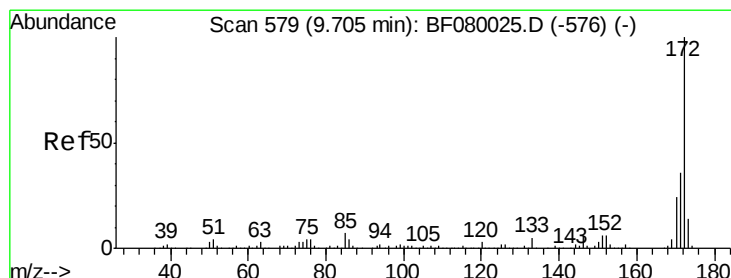
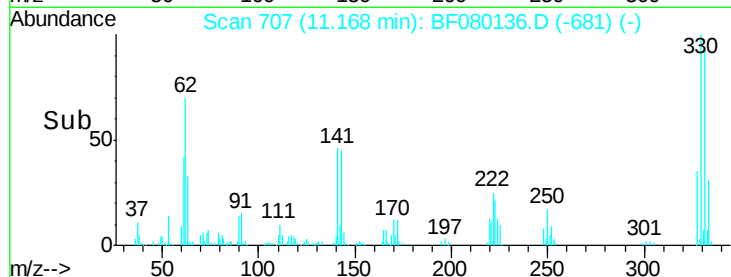
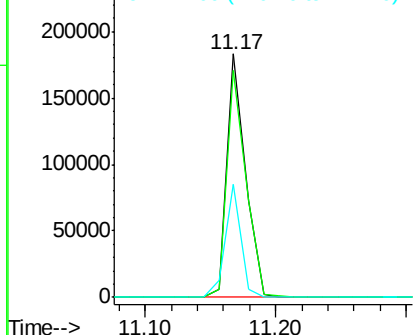
#41
 2,4,6-Tribromophenol
 Concen: 138.44 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tgt Ion:330 Resp: 182487
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 39.1 29.7 44.5

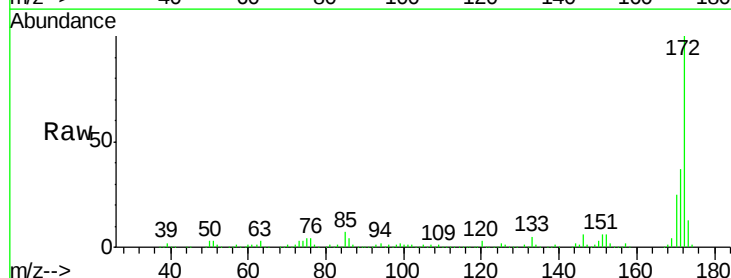


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

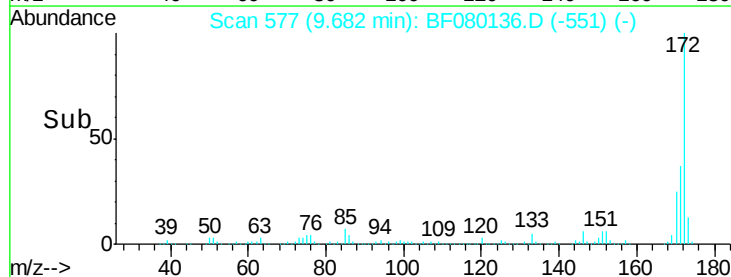
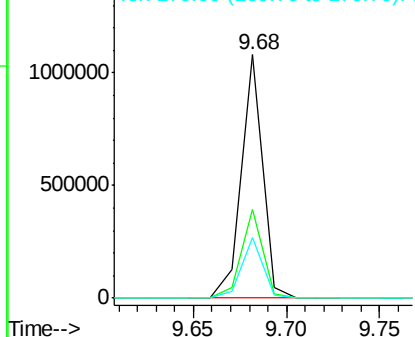


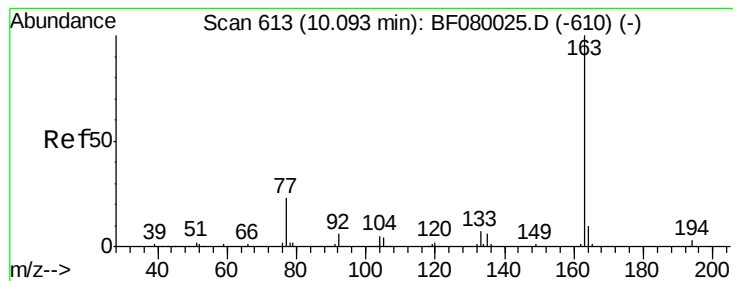
#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Tgt Ion:172 Resp: 863035
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 12.27 ng

RT: 10.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

Instrument :

BNA_F

ClientSampleId :

SS-1

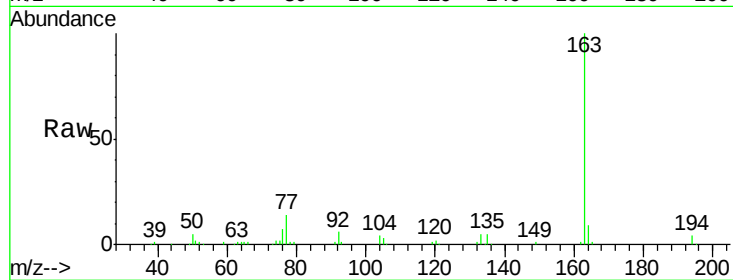
Tgt Ion:163 Resp: 124344

Ion Ratio Lower Upper

163 100

194 4.1 4.4 6.6#

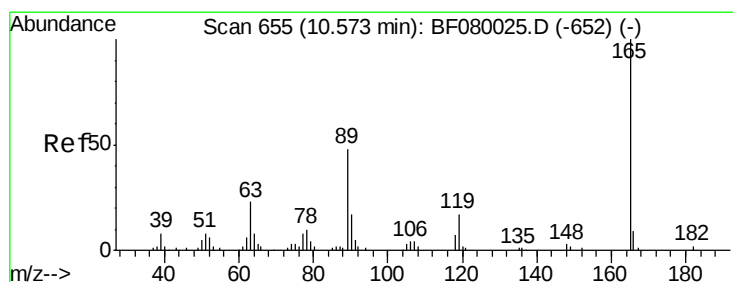
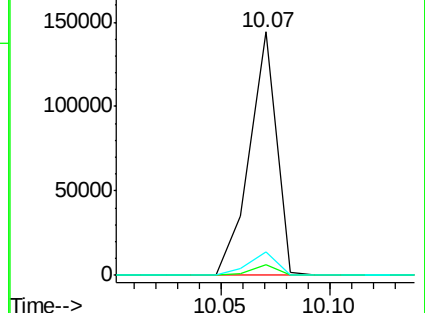
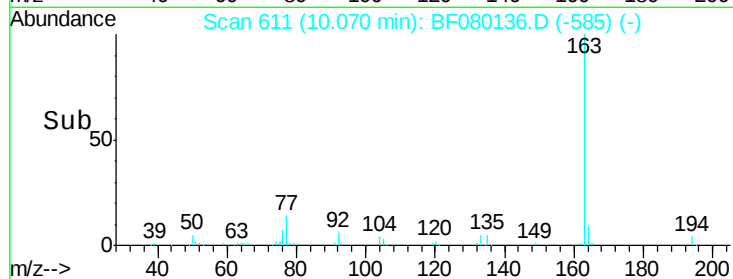
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.60 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080136.D

Acq: 24 Jun 2015 17:10

Tgt Ion:165 Resp: 17025

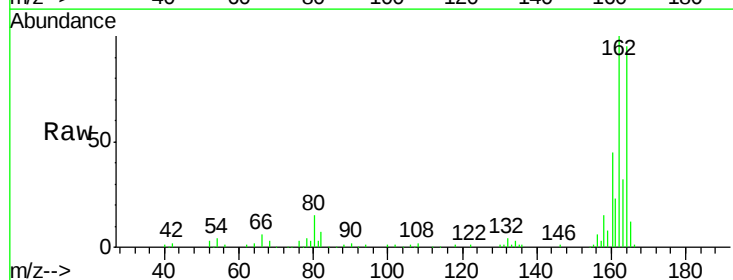
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

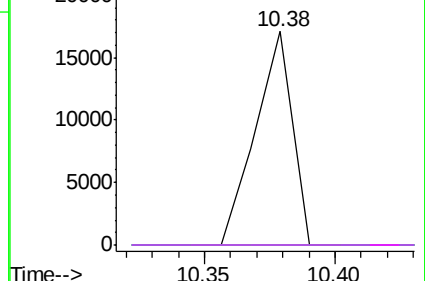
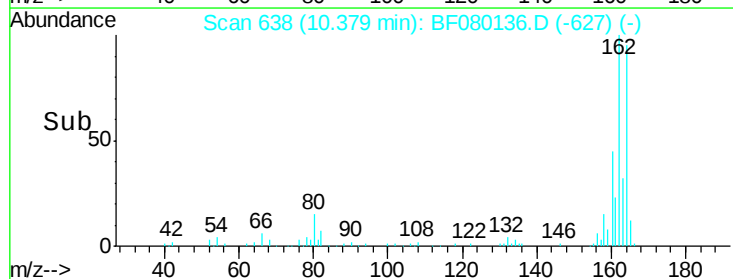


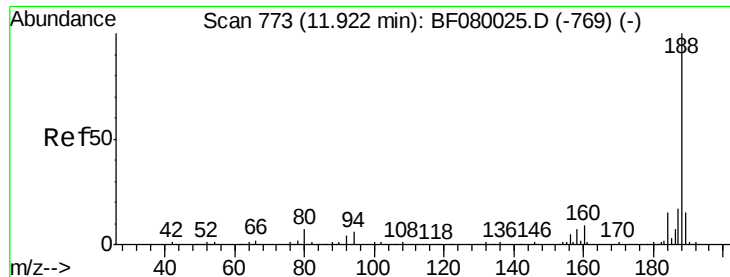
Abundance Ion 165.00 (164.70 to 165.70): E

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

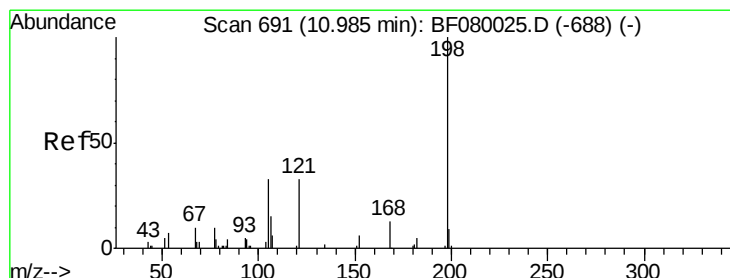
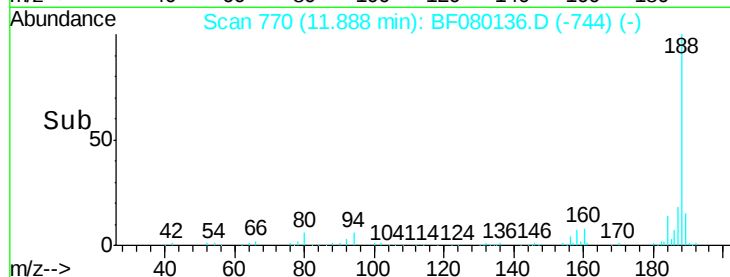
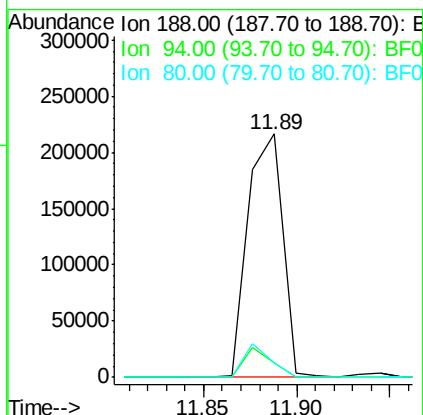
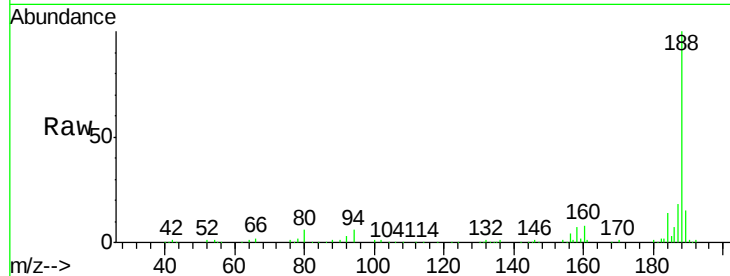




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

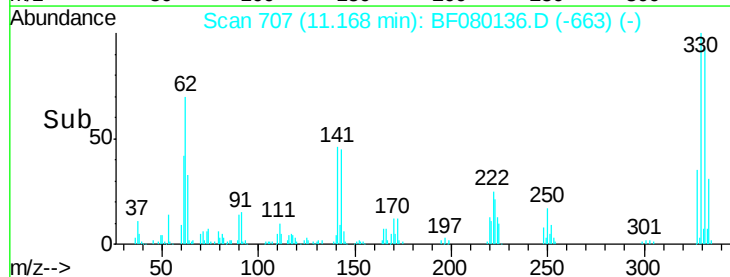
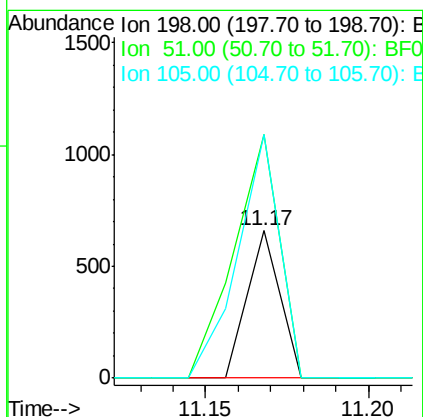
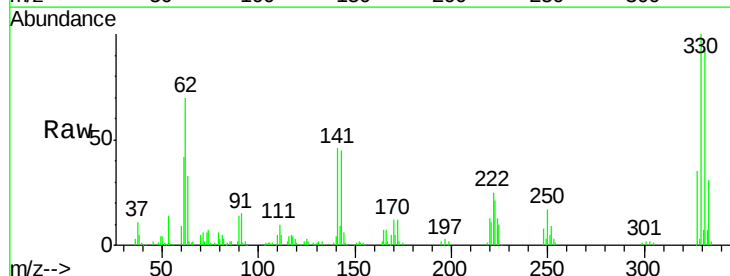
Instrument :
 BNA_F
 ClientSampleId :
 SS-1

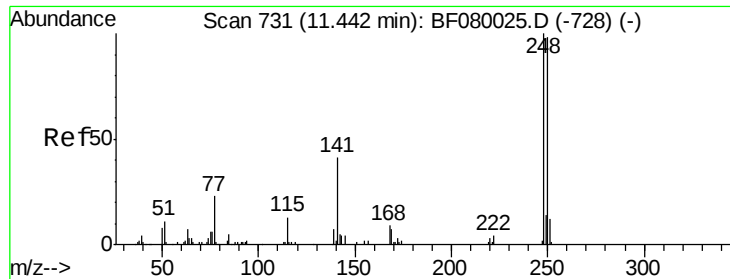
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	11.1	16.7#
80	6.0	11.0	16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.88 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Tgt Ion	Ratio	Lower	Upper
198	100		
51	165.2	39.6	79.6#
105	165.5	28.5	68.5#

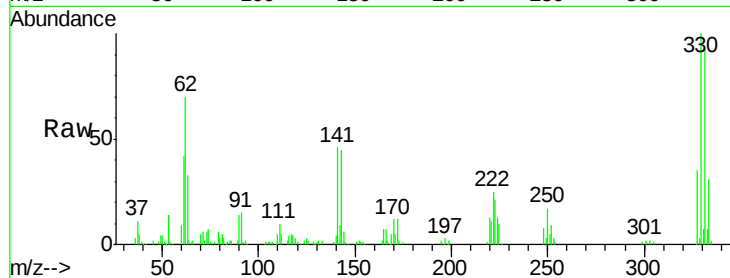




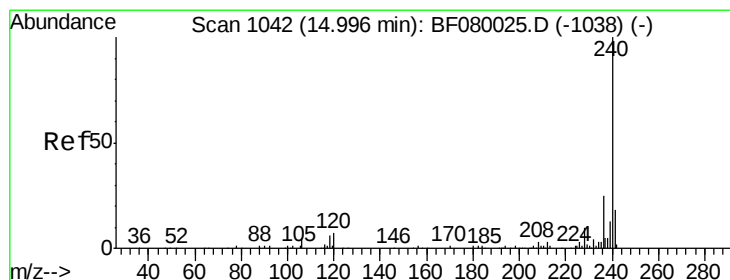
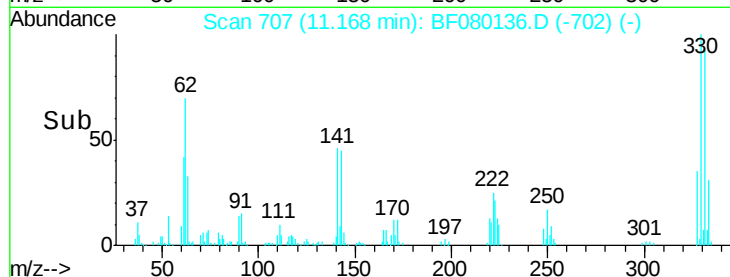
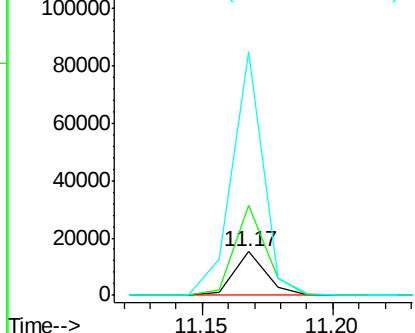
#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.24 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tgt Ion:248 Resp: 13043
 Ion Ratio Lower Upper
 248 100
 250 207.1 78.5 117.7#
 141 556.5 59.0 88.6#

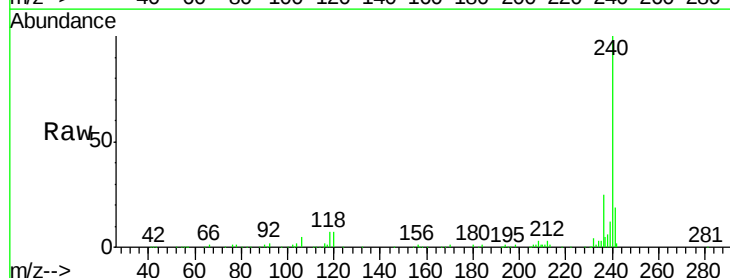


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

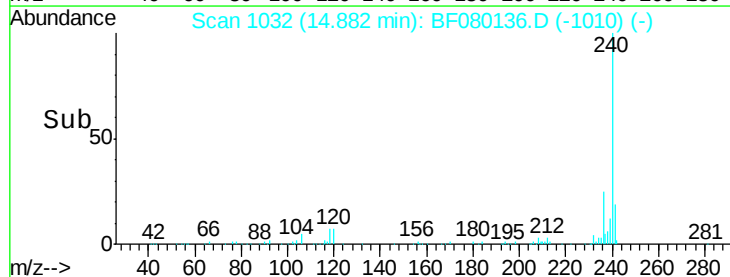
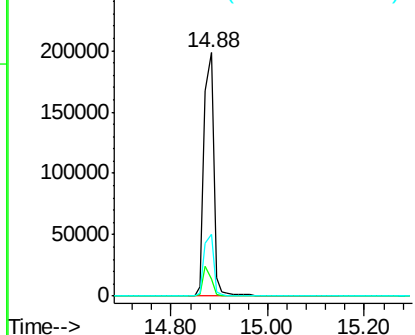


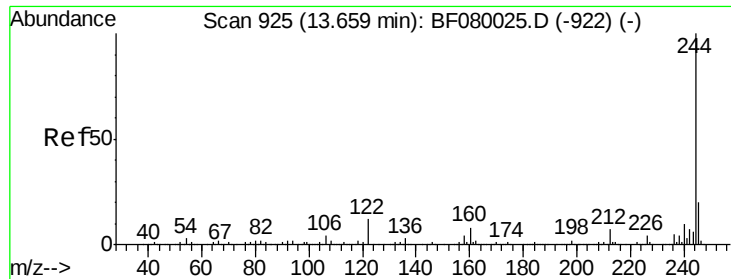
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Tgt Ion:240 Resp: 278063
 Ion Ratio Lower Upper
 240 100
 120 7.3 16.2 24.2#
 236 25.2 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

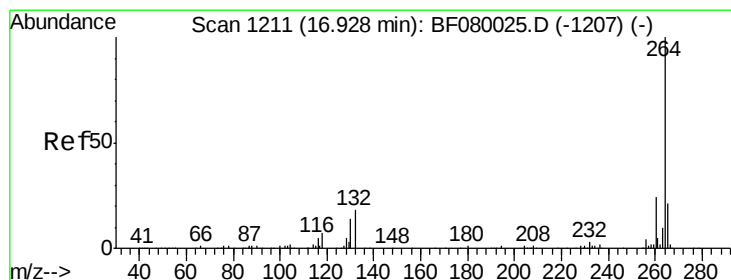
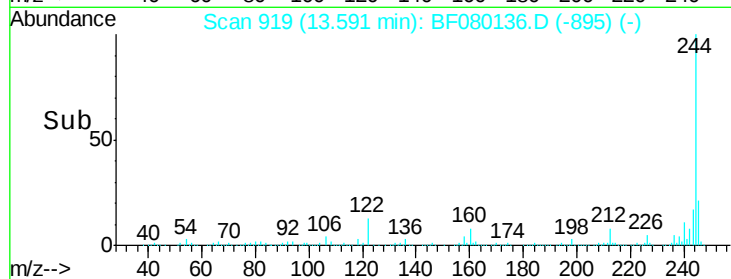
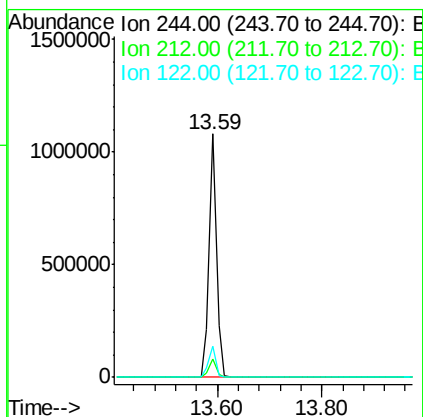
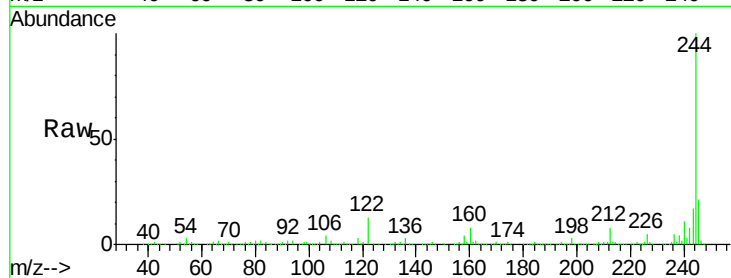




#78
 Terphenyl-d14
 Concen: 89.66 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tgt Ion:244 Resp: 1067466
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 12.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1197
 Delta R.T. -0.07 min
 Lab File: BF080136.D
 Acq: 24 Jun 2015 17:10

Tgt Ion:264 Resp: 242066
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.0 17.2 25.8

