

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080139.D
 Acq On : 24 Jun 2015 18:54
 Operator : TP/IZ
 Sample : G2750-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-4

Quant Time: Jun 25 01:00:20 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

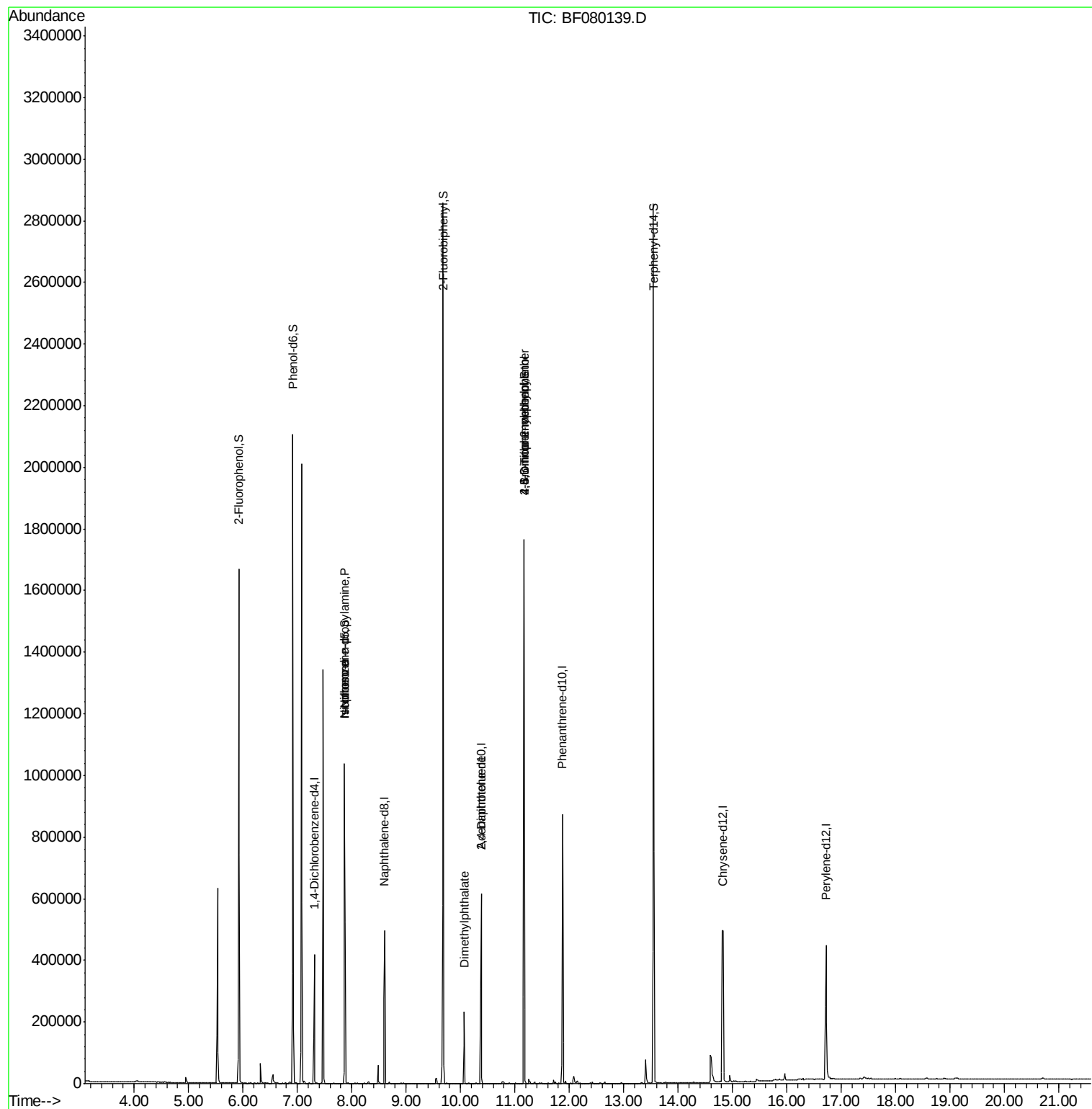
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67817	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	264721	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	139652	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	299670	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	291615	20.00	ng	-0.10
86) Perylene-d12	16.72	264	257629	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	496684	129.65	ng	0.00
7) Phenol-d6	6.92	99	647811	127.07	ng	0.00
23) Nitrobenzene-d5	7.86	82	378799	83.30	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	185347	135.73	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	819005	83.63	ng	0.00
78) Terphenyl-d14	13.55	244	980068	78.49	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	48709	13.76	ng	# 62
25) Isophorone	7.86	82	370836	40.52	ng	# 58
49) Dimethylphthalate	10.07	163	117368	11.18	ng	# 98
56) 2,4-Dinitrotoluene	10.38	165	17388	6.51	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.17	198	479	3.87	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	13676	4.29	ng	# 1

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

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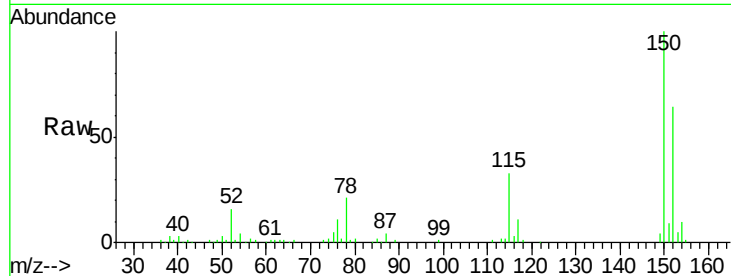


#1

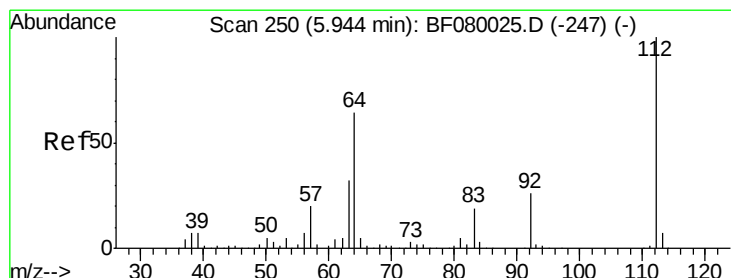
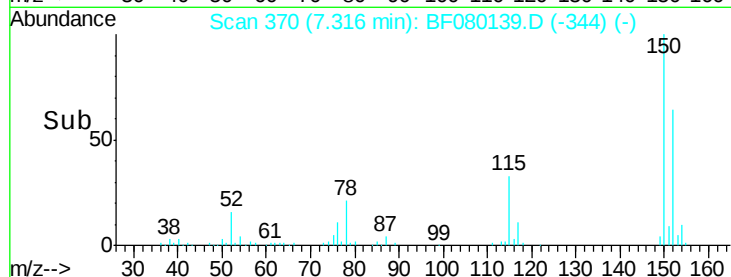
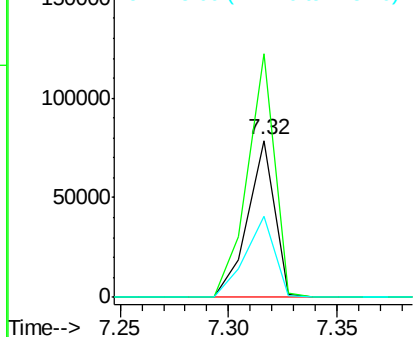
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:152 Resp: 67817
Ion Ratio Lower Upper
152 100
150 155.3 124.7 187.1
115 51.4 39.0 58.4



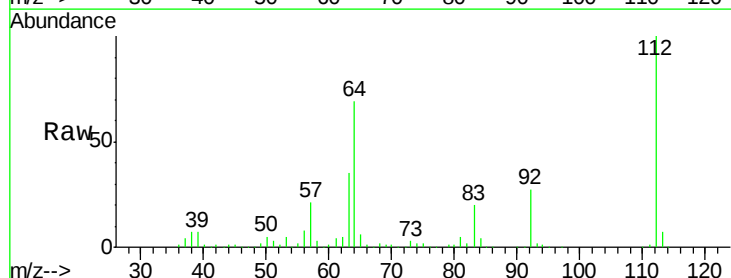
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



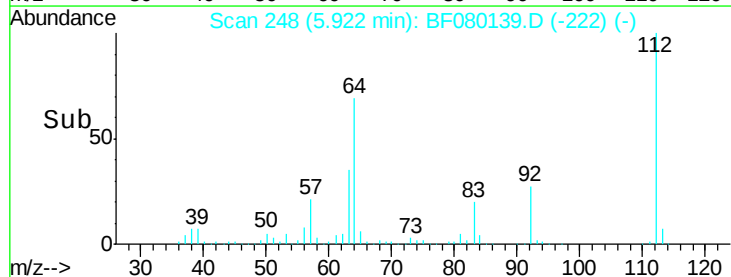
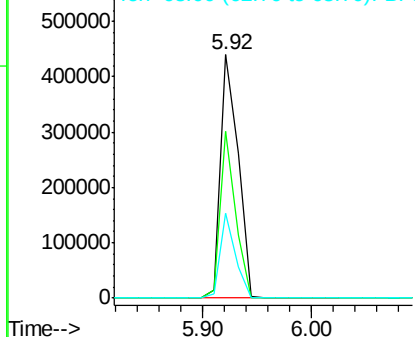
#5

2-Fluorophenol
Concen: 129.65 ng
RT: 5.92 min Scan# 248
Delta R.T. 0.00 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Tgt Ion:112 Resp: 496684
Ion Ratio Lower Upper
112 100
64 68.7 39.7 59.5#
63 34.8 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: 127.07 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080139.D

Acq: 24 Jun 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SS-4

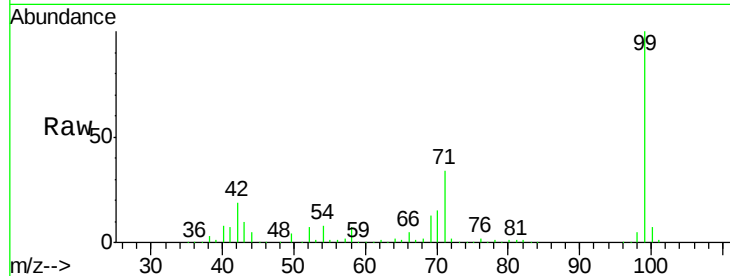
Tgt Ion: 99 Resp: 647811

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

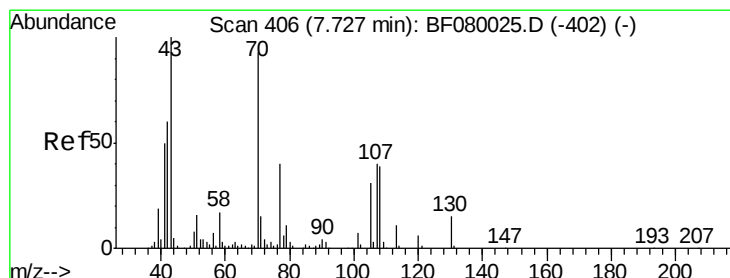
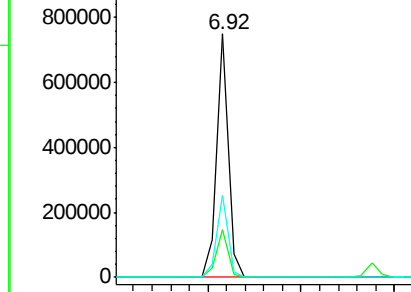
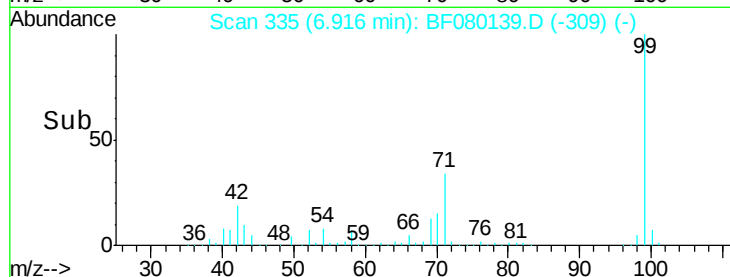
71 33.7 14.2 21.2#



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: 13.76 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080139.D

Acq: 24 Jun 2015 18:54

Tgt Ion: 70 Resp: 48709

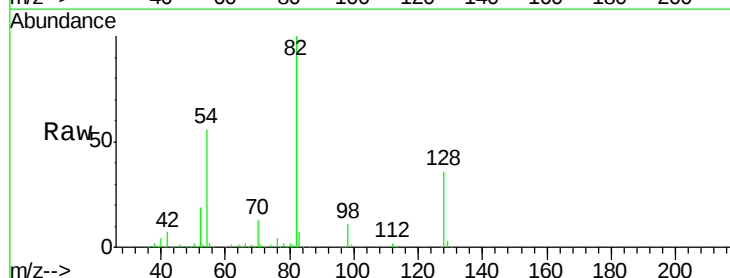
Ion Ratio Lower Upper

70 100

42 51.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

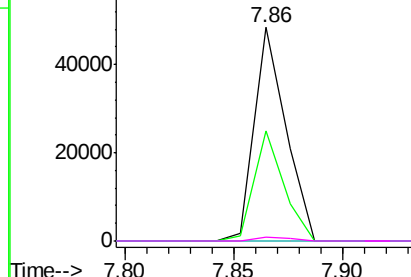
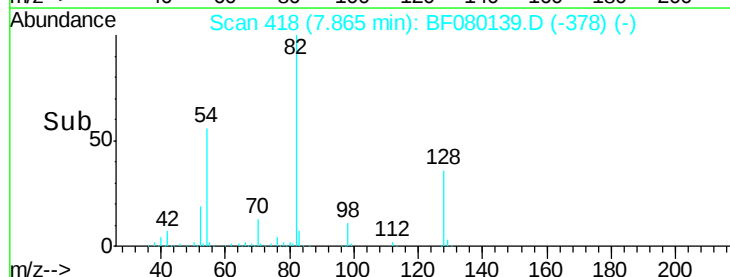


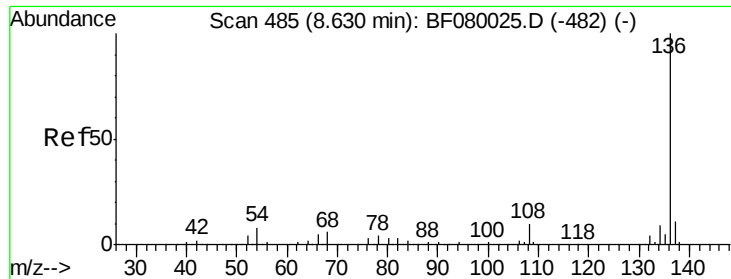
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

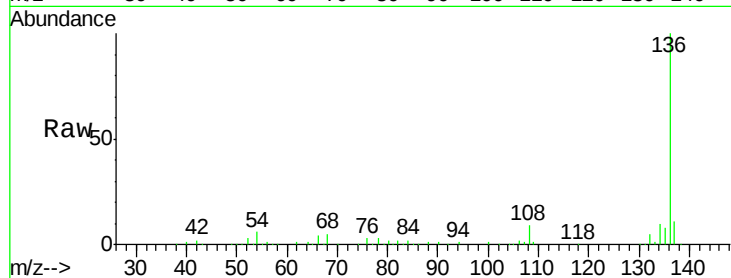




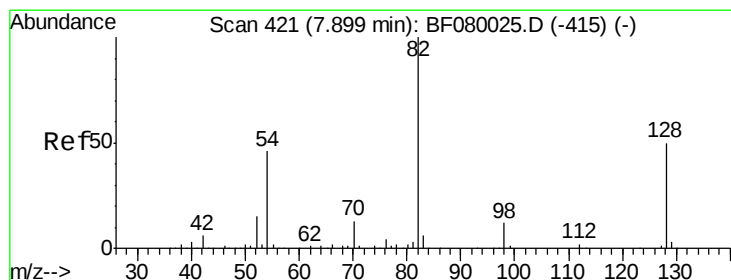
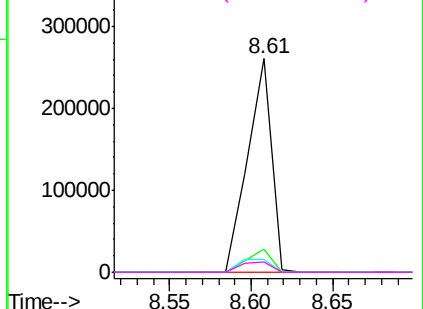
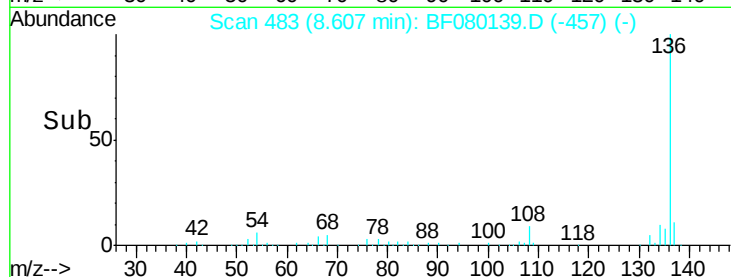
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:	136	Resp:	264721
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	6.0	8.2	12.2#
68	4.8	5.8	8.6#

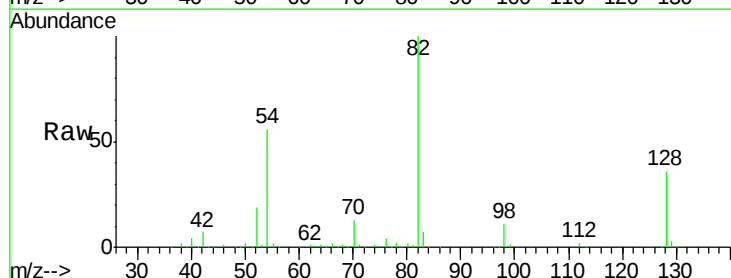


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

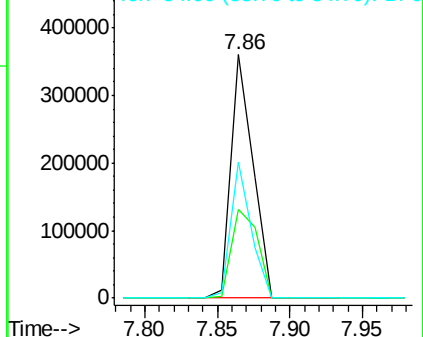
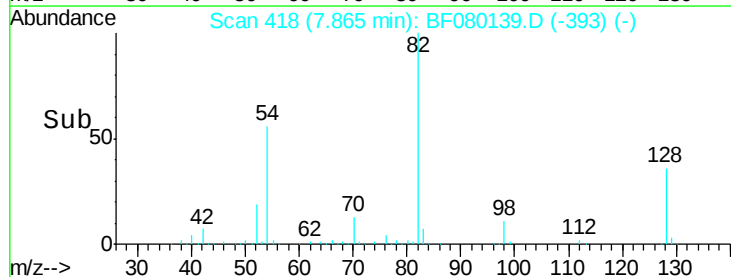


#23
Nitrobenzene-d5
Concen: 83.30 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Tgt Ion:	82	Resp:	378799
Ion	Ratio	Lower	Upper
82	100		
128	36.4	51.0	76.6#
54	55.7	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: 40.52 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080139.D

Acq: 24 Jun 2015 18:54

Instrument :

BNA_F

ClientSampleId :

SS-4

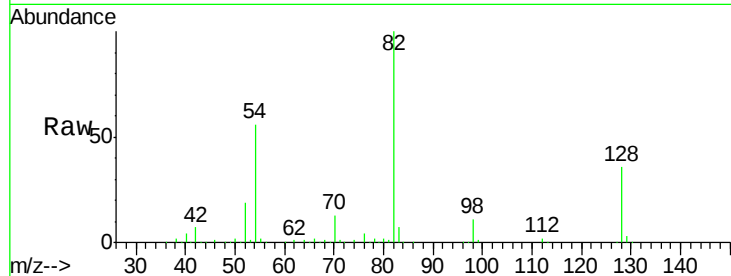
Tgt Ion: 82 Resp: 370836

Ion Ratio Lower Upper

82 100

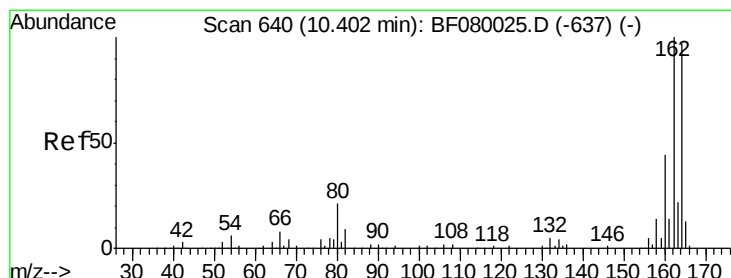
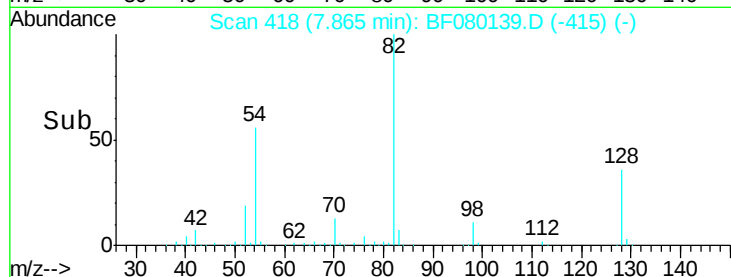
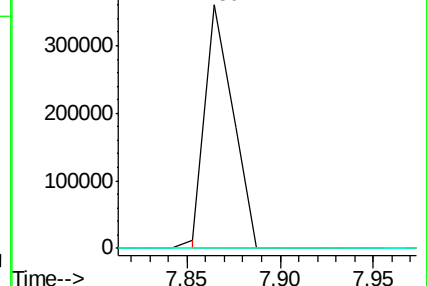
95 0.0 4.0 6.0#

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

7.86



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF080139.D

Acq: 24 Jun 2015 18:54

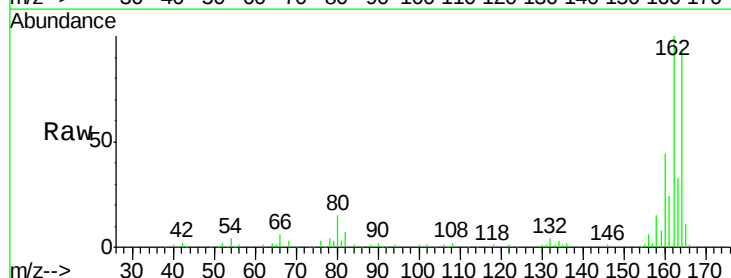
Tgt Ion: 164 Resp: 139652

Ion Ratio Lower Upper

164 100

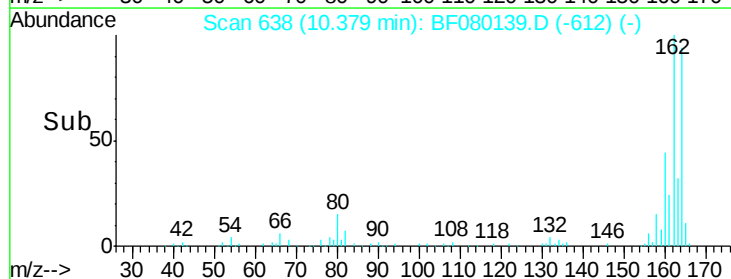
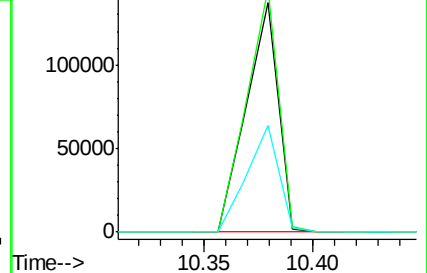
162 106.3 75.2 112.8

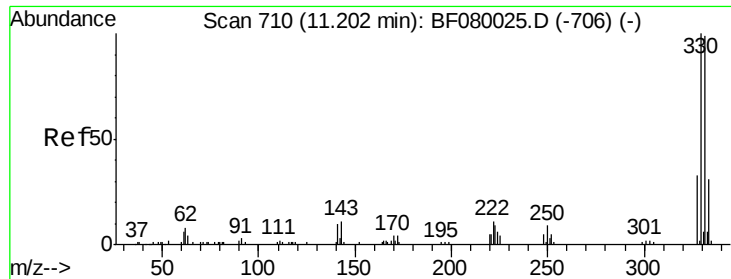
160 46.5 31.5 47.3



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

10.38

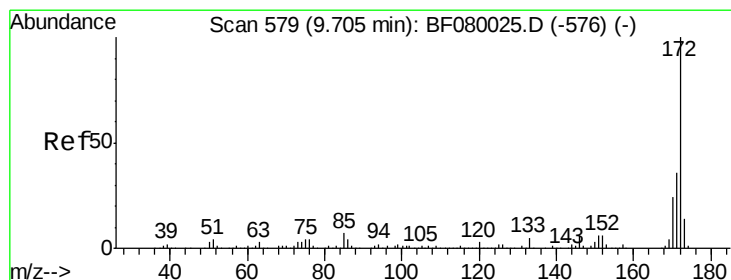
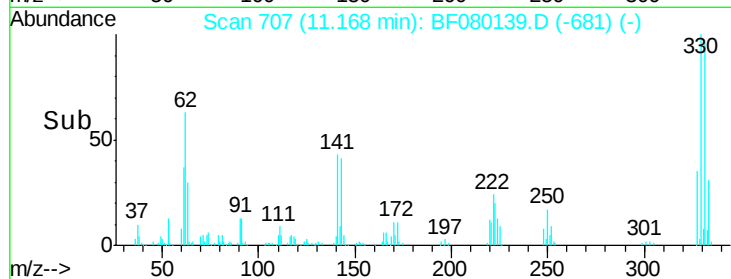
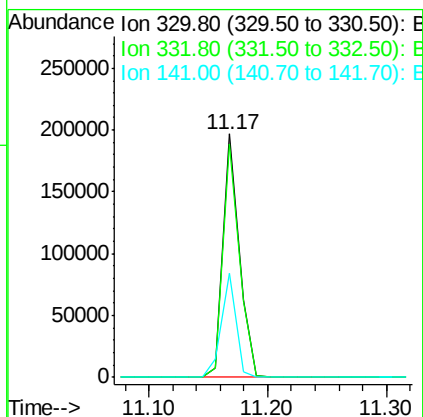
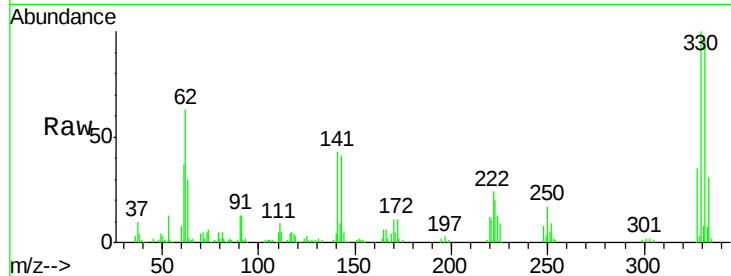




#41
 2,4,6-Tribromophenol
 Concen: 135.73 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080139.D
 Acq: 24 Jun 2015 18:54

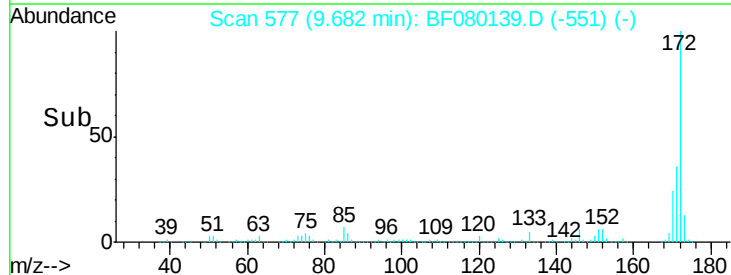
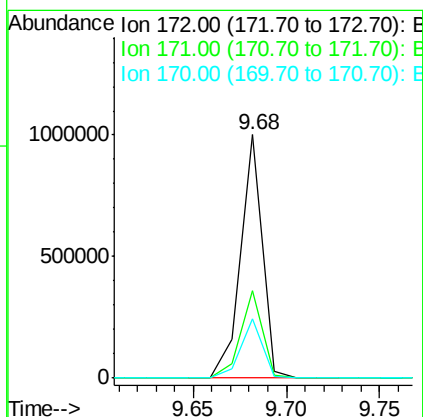
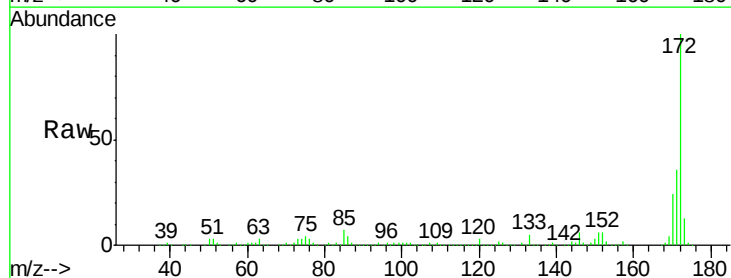
Instrument :
 BNA_F
 ClientSampled :
 SS-4

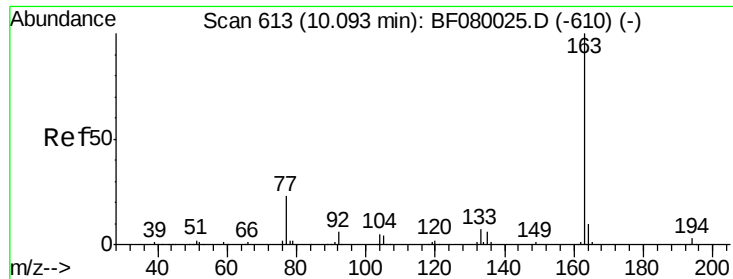
Tgt Ion:330 Resp: 185347
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 38.2 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 83.63 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080139.D
 Acq: 24 Jun 2015 18:54

Tgt Ion:172 Resp: 819005
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.5 17.4 26.2

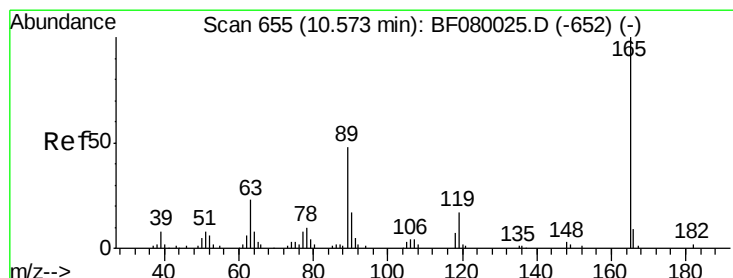
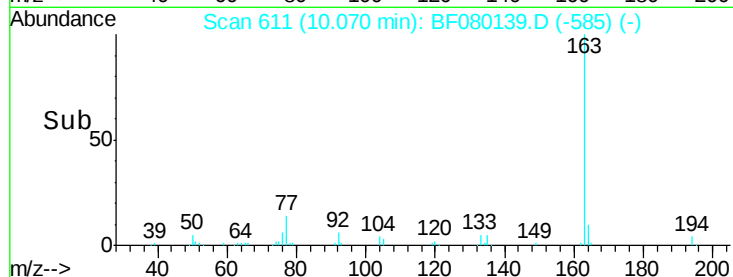
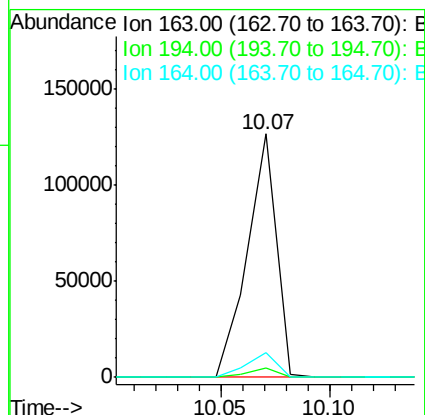
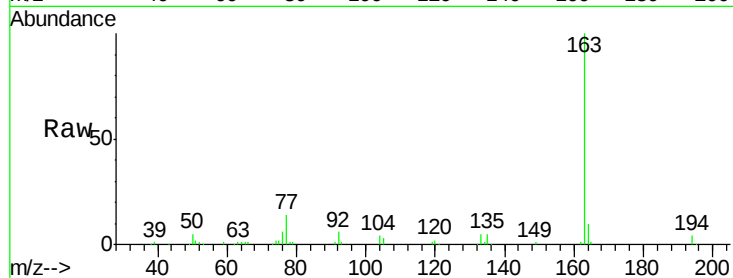




#49
Dimethylphthalate
Concen: 11.18 ng
RT: 10.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

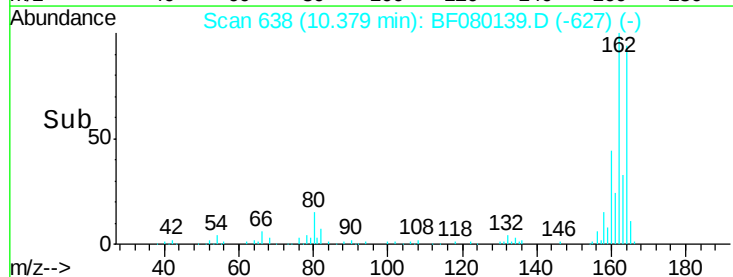
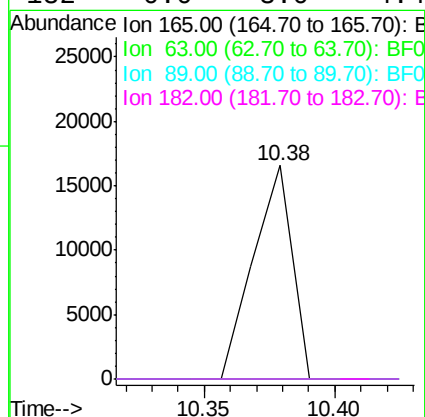
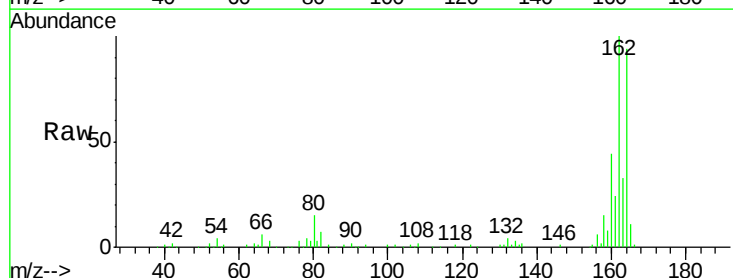
Instrument :
BNA_F
ClientSampleId :
SS-4

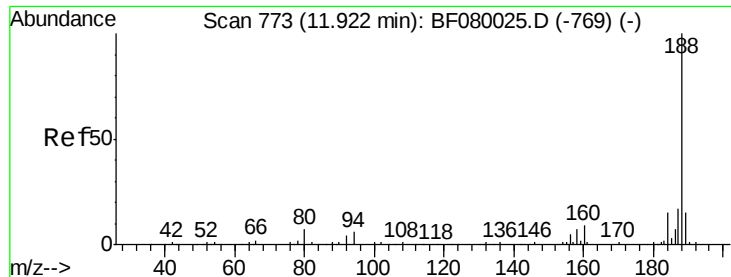
Tgt Ion:163 Resp: 117368
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Tgt Ion:165 Resp: 17388
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#

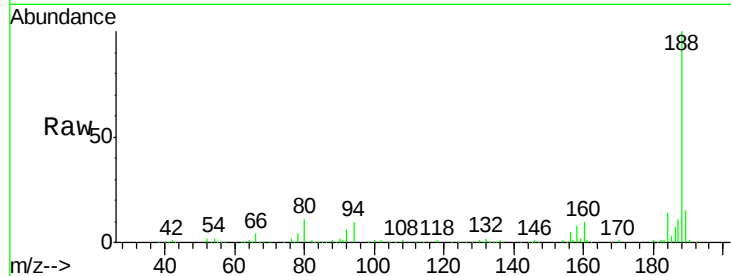




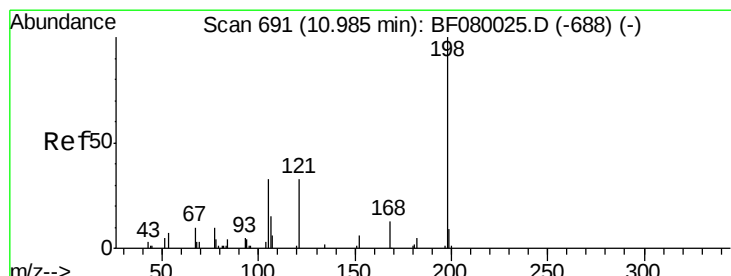
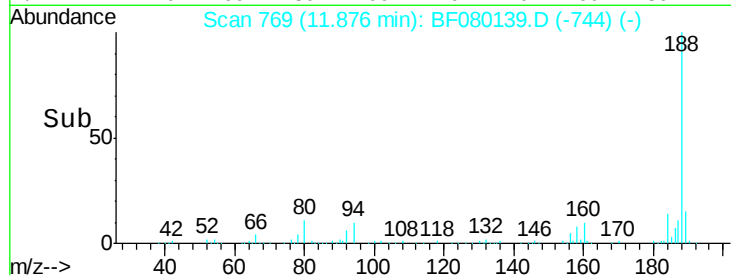
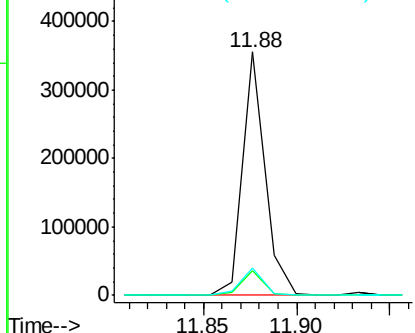
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:188 Resp: 299670
Ion Ratio Lower Upper
188 100
94 10.0 11.1 16.7#
80 11.2 11.0 16.4

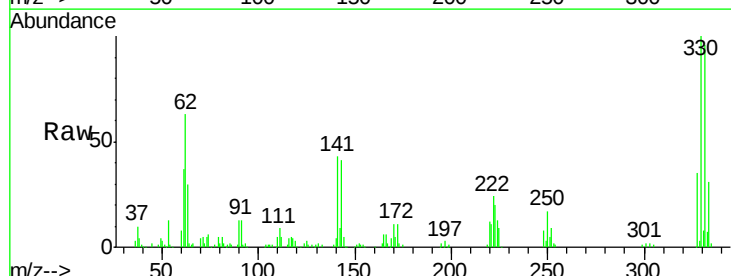


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

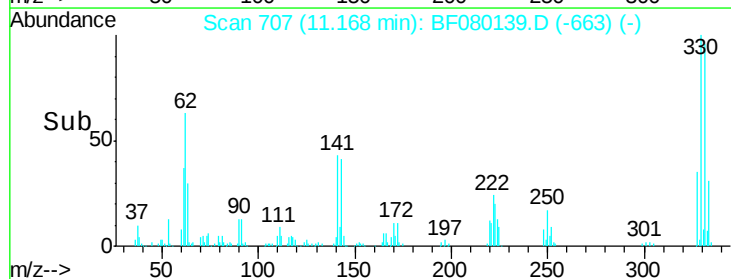
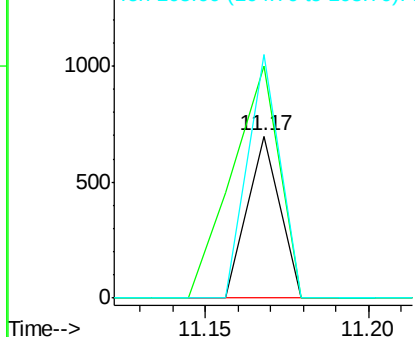


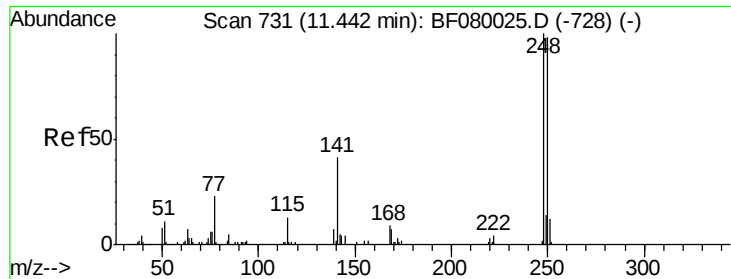
#64
4,6-Dinitro-2-methylphenol
Concen: 3.87 ng
RT: 11.17 min Scan# 707
Delta R.T. 0.21 min
Lab File: BF080139.D
Acq: 24 Jun 2015 18:54

Tgt Ion:198 Resp: 479
Ion Ratio Lower Upper
198 100
51 143.0 39.6 79.6#
105 150.3 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

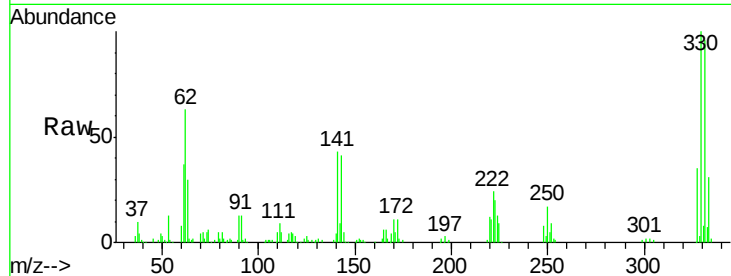




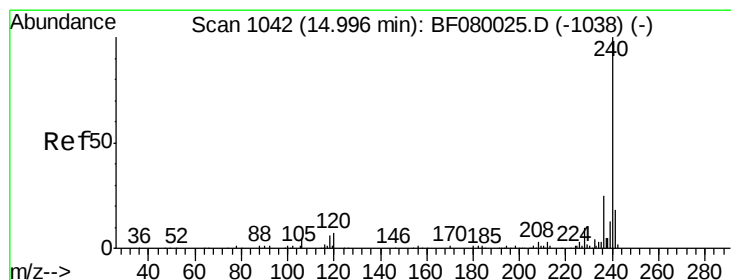
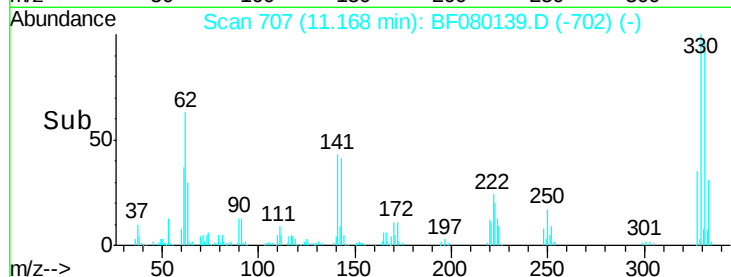
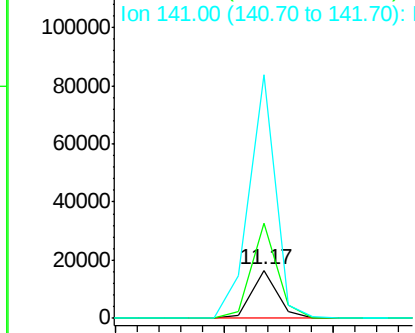
#66
 4-Bromophenyl-phenylether
 Concen: 4.29 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.24 min
 Lab File: BF080139.D
 Acq: 24 Jun 2015 18:54

Instrument :
 BNA_F
 ClientSampled :
 SS-4

Tgt Ion:248 Resp: 13676
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.5 117.7#
 141 507.2 59.0 88.6#

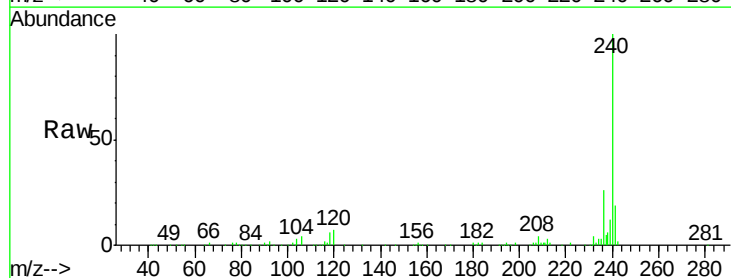


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. -0.10 min
 Lab File: BF080139.D
 Acq: 24 Jun 2015 18:54

Tgt Ion:240 Resp: 291615
 Ion Ratio Lower Upper
 240 100
 120 7.4 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

