

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080166.D
 Acq On : 25 Jun 2015 15:18
 Operator : TP/IZ
 Sample : G2734-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-TMD9

Quant Time: Jun 26 01:20:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

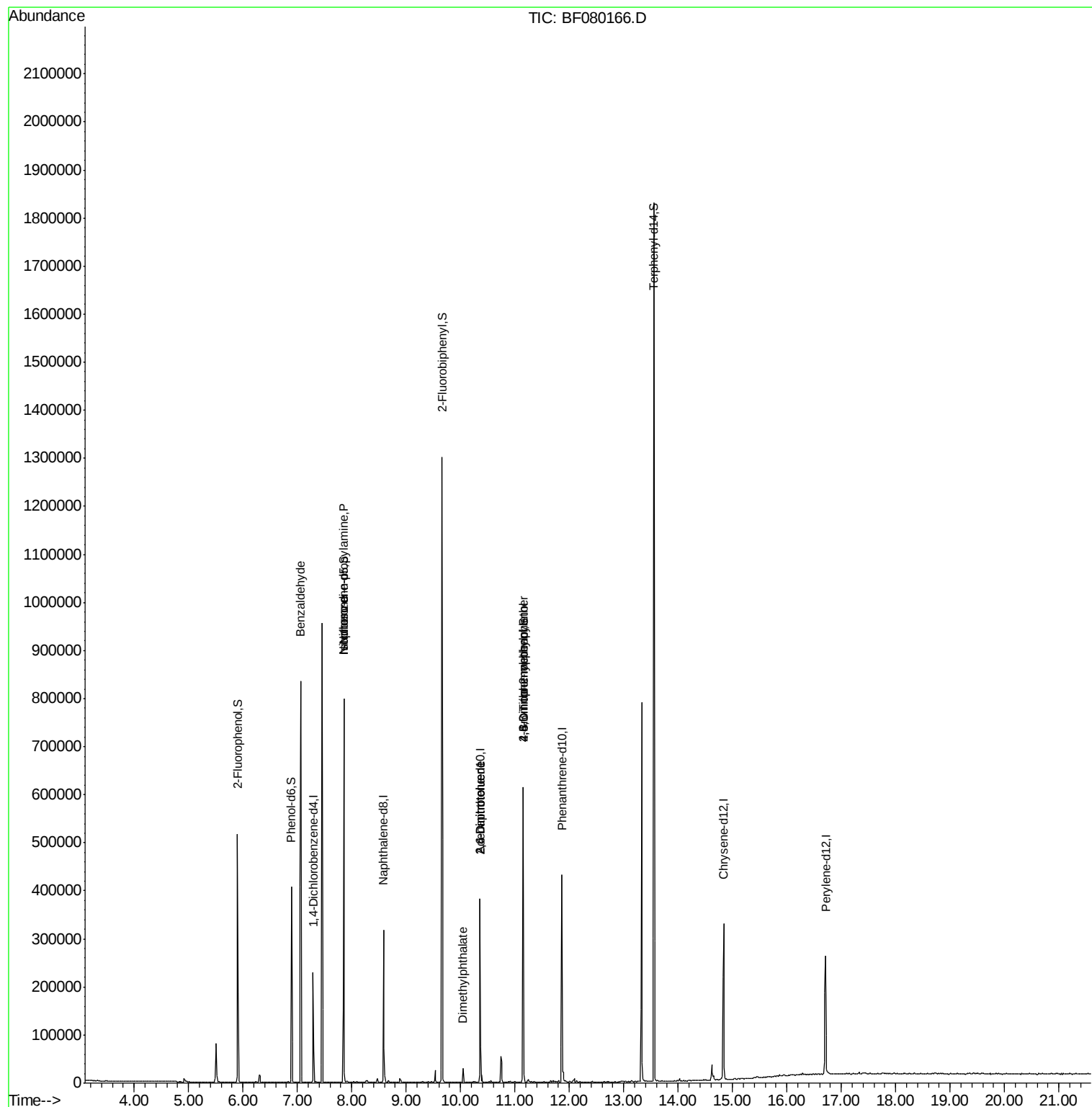
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	34623	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	133219	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	69903	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	151203	20.00	ng	0.00
75) Chrysene-d12	14.84	240	156092	20.00	ng	0.01
86) Perylene-d12	16.71	264	143393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	142472	72.84	ng	0.00
7) Phenol-d6	6.89	99	126080	48.44	ng	-0.01
23) Nitrobenzene-d5	7.85	82	229845	100.44	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	102125	149.41	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	436581	89.07	ng	-0.01
78) Terphenyl-d14	13.56	244	591446	88.49	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.06	77	5587	3.72	ng	# 62
19) n-Nitroso-di-n-propylamine	7.85	70	29863	16.53	ng	# 58
25) Isophorone	7.85	82	196130	42.59	ng	# 58
49) Dimethylphthalate	10.05	163	11692	2.22	ng	# 97
50) 2,6-Dinitrotoluene	10.36	165	9297	8.82	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	9297	6.95	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.16	198	206	3.81	ng	# 1
66) 4-Bromophenyl-phenylether	11.16	248	7565	4.71	ng	# 1

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

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QLast Update : Fri Jun 26 01:01:50 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

Instrument :

BNA_F

ClientSampleId :

GW-TMD9

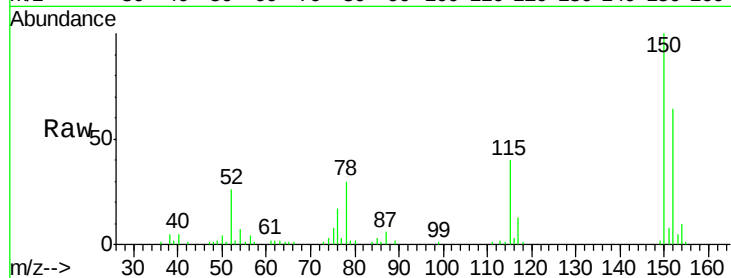
Tgt Ion:152 Resp: 34623

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

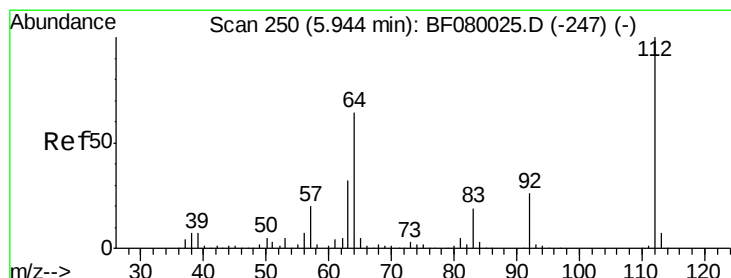
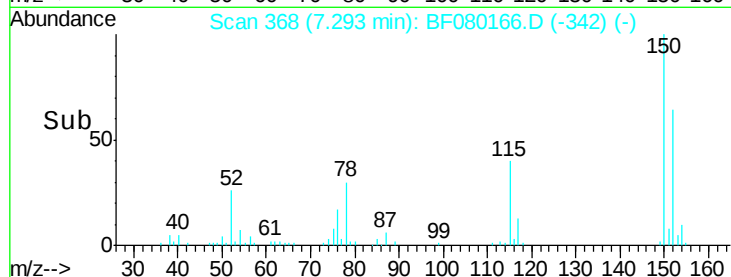
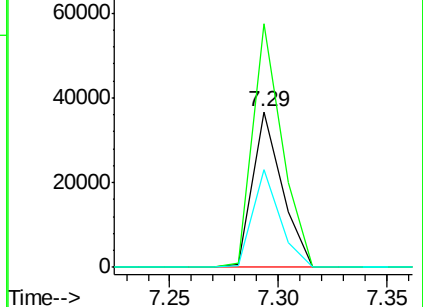
115 62.4 39.0 58.4#



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: 72.84 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

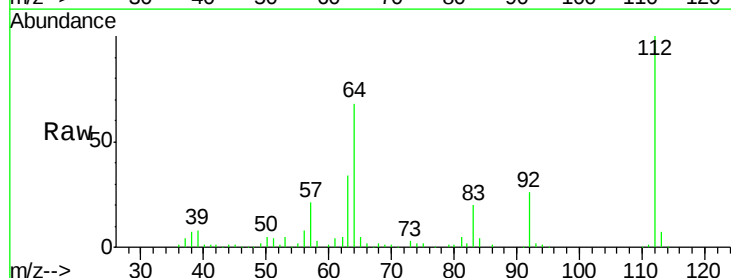
Tgt Ion:112 Resp: 142472

Ion Ratio Lower Upper

112 100

64 68.0 39.7 59.5#

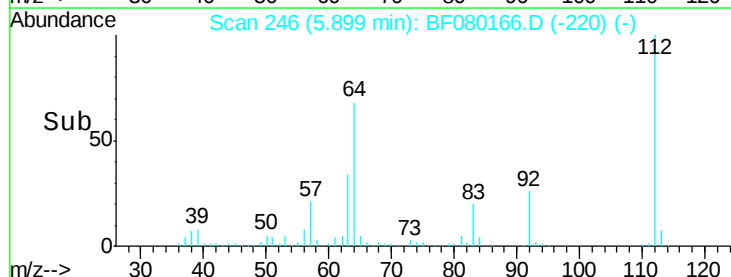
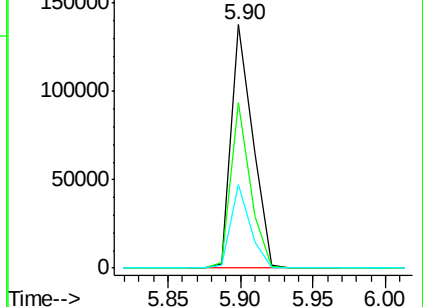
63 34.5 17.4 26.0#



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: 48.44 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

Instrument :

BNA_F

ClientSampleId :

GW-TMD9

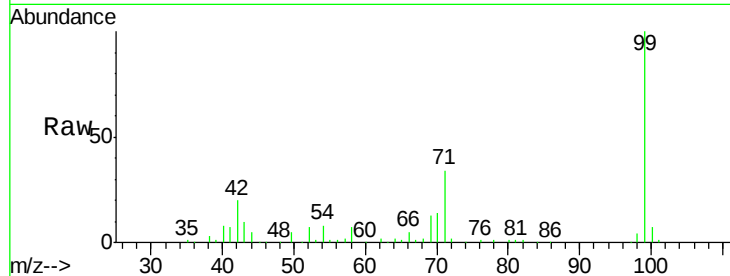
Tgt Ion: 99 Resp: 126080

Ion Ratio Lower Upper

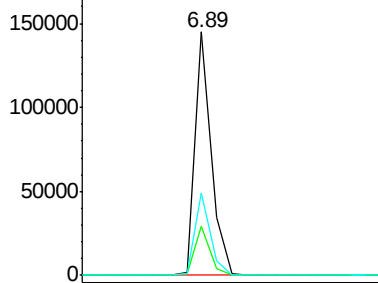
99 100

42 20.0 13.7 20.5

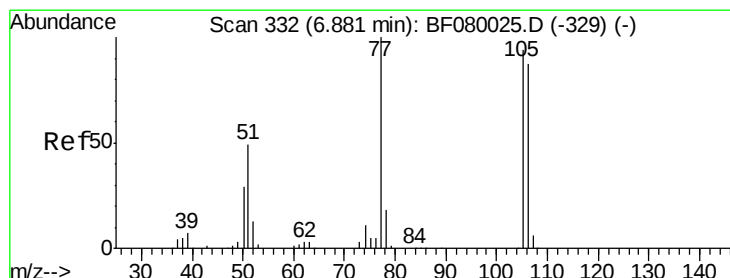
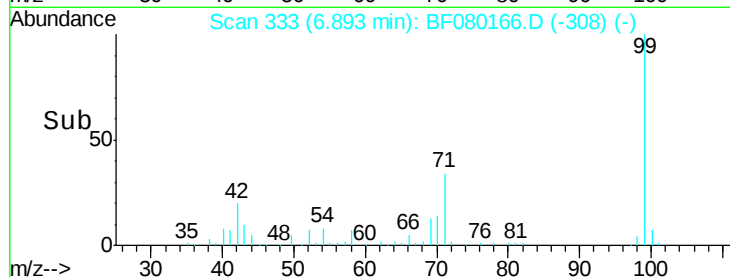
71 33.8 14.2 21.2#



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



Time-->



#9

Benzaldehyde

Concen: 3.72 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.22 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

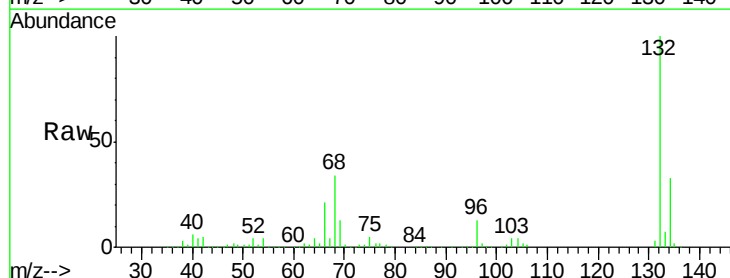
Tgt Ion: 77 Resp: 5587

Ion Ratio Lower Upper

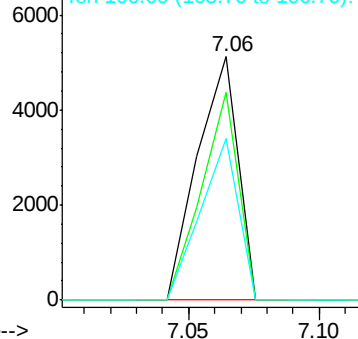
77 100

105 85.1 91.6 131.6#

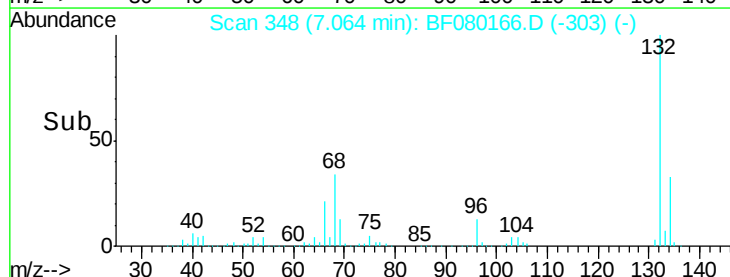
106 66.2 102.6 142.6#

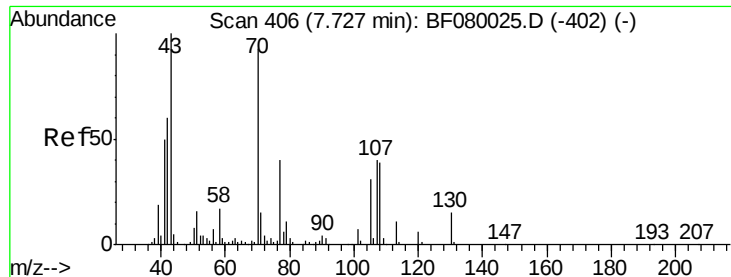


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 16.53 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

Instrument :

BNA_F

ClientSampleId :

GW-TMD9

Tgt Ion: 70 Resp: 29863

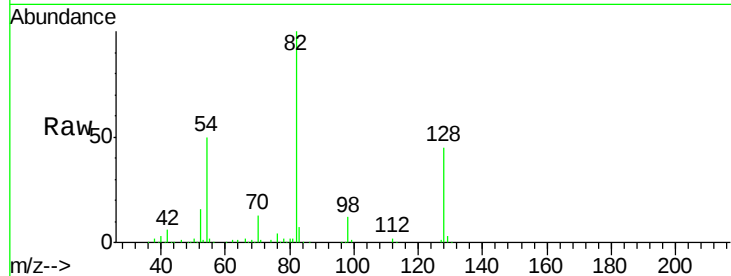
Ion Ratio Lower Upper

70 100

42 46.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

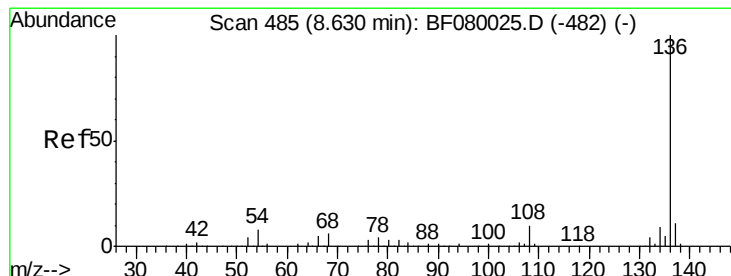
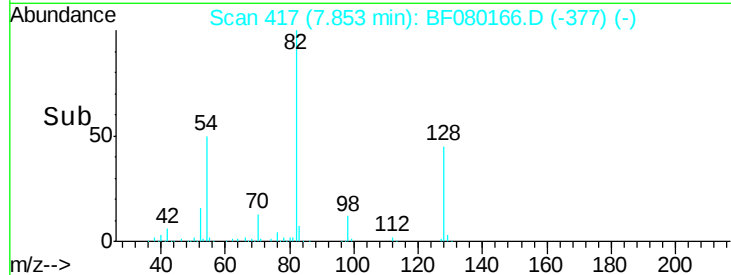
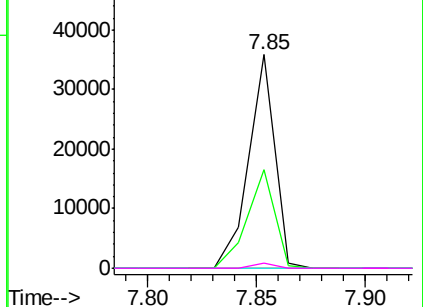


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

Tgt Ion: 136 Resp: 133219

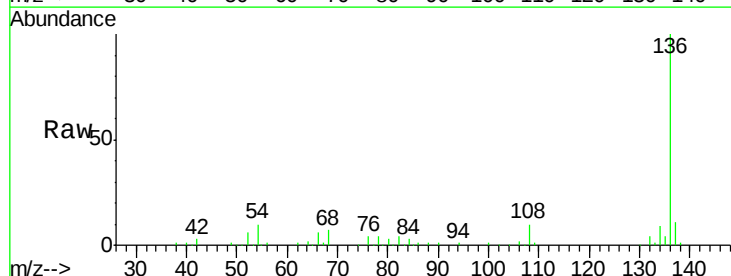
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.9 8.2 12.2

68 7.4 5.8 8.6

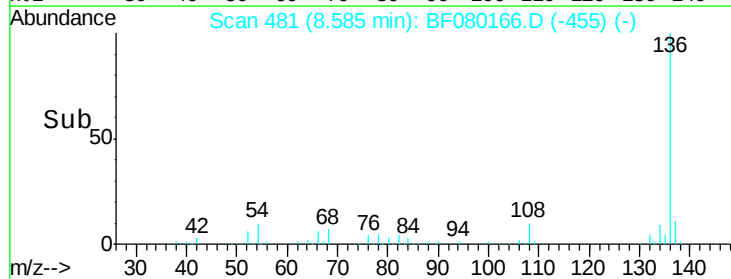
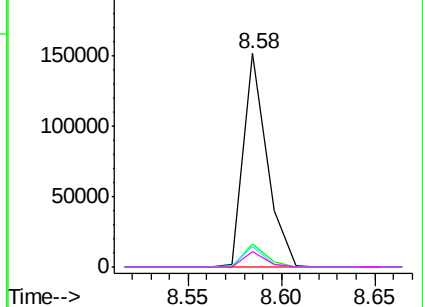


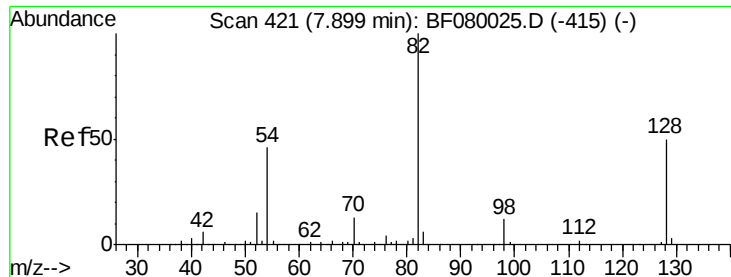
Abundance Ion 136.00 (135.70 to 136.70): E

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

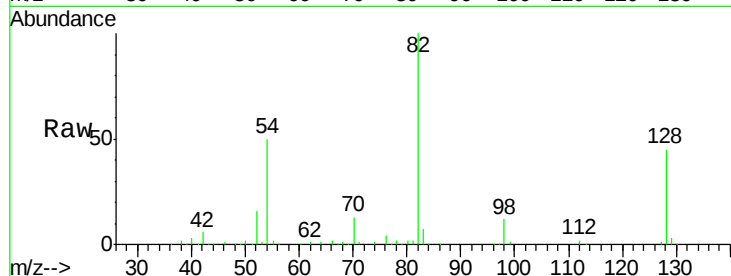




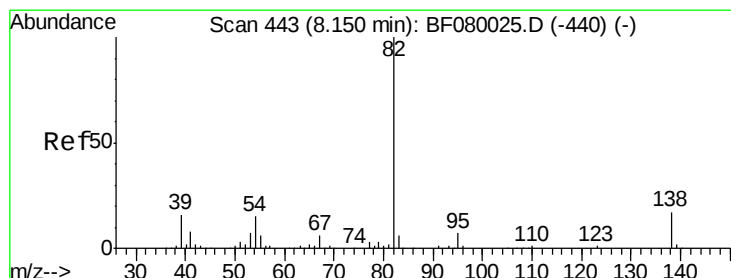
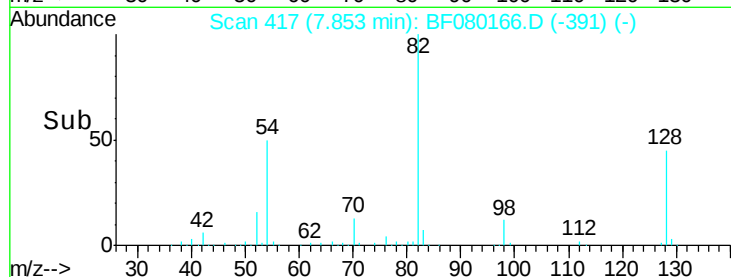
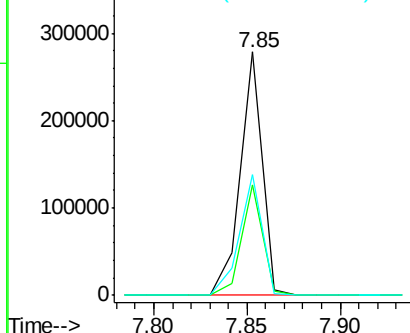
#23
Nitrobenzene-d5
Concen: 100.44 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080166.D
Acq: 25 Jun 2015 15:18

Instrument :
BNA_F
ClientSampleId :
GW-TMD9

Tgt Ion: 82 Resp: 229845
Ion Ratio Lower Upper
82 100
128 45.3 51.0 76.6#
54 49.6 47.5 71.3

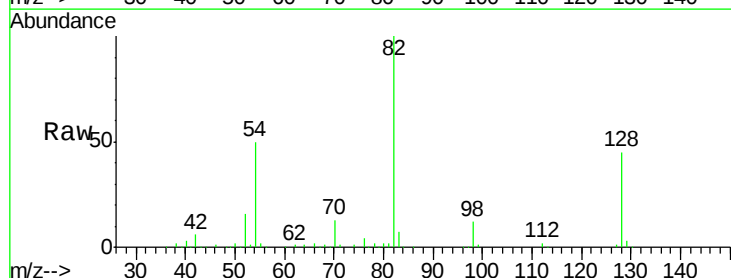


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

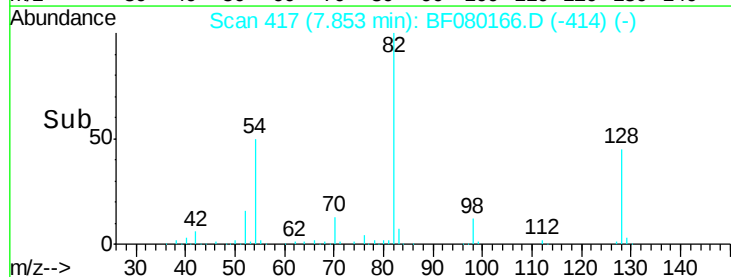
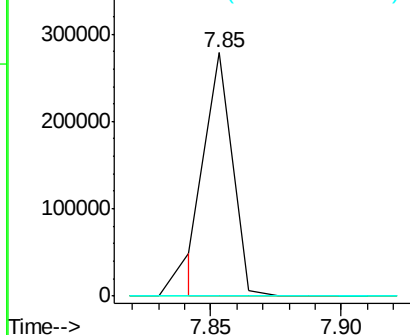


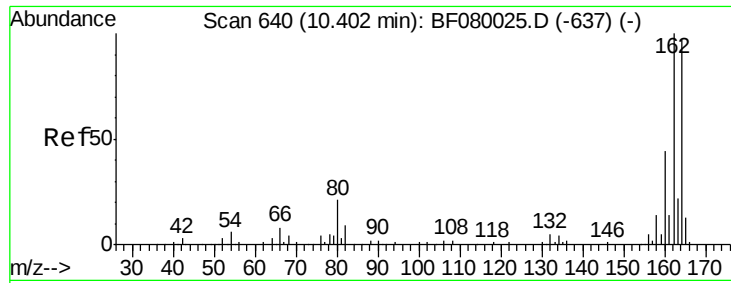
#25
Isophorone
Concen: 42.59 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.26 min
Lab File: BF080166.D
Acq: 25 Jun 2015 15:18

Tgt Ion: 82 Resp: 196130
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

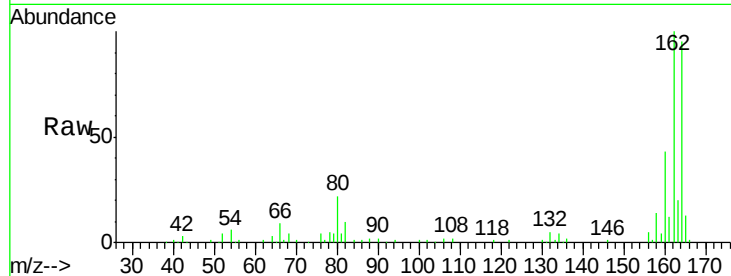




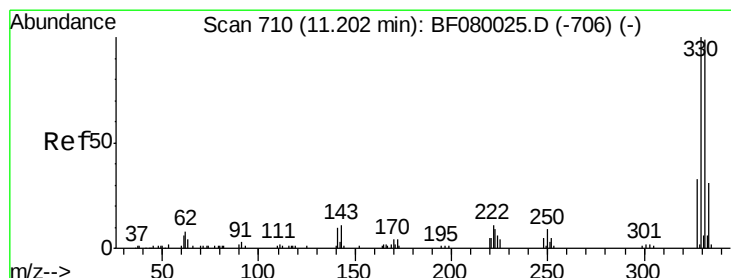
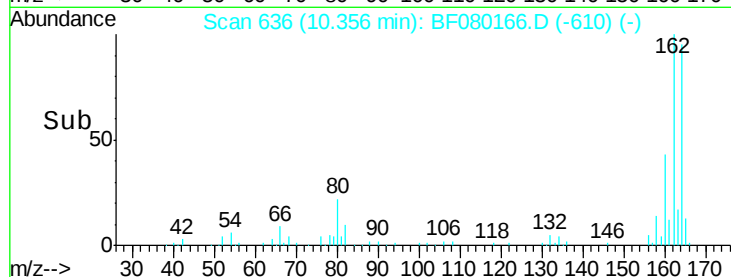
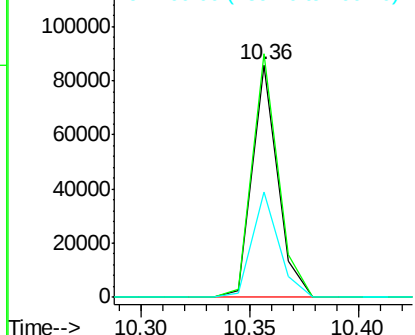
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080166.D
 Acq: 25 Jun 2015 15:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-TMD9

Tgt Ion:164 Resp: 69903
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 45.2 31.5 47.3

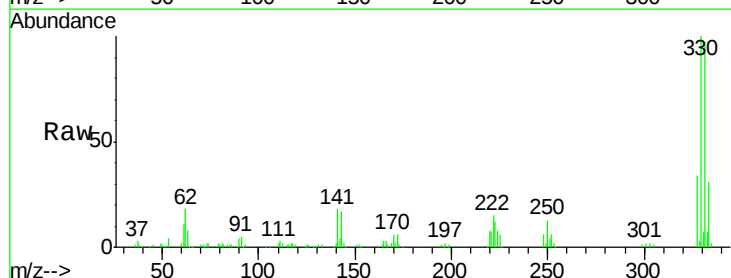


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

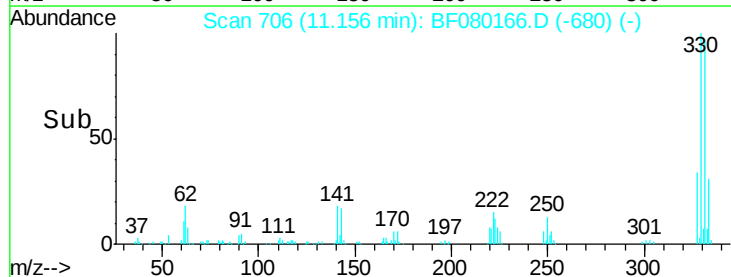
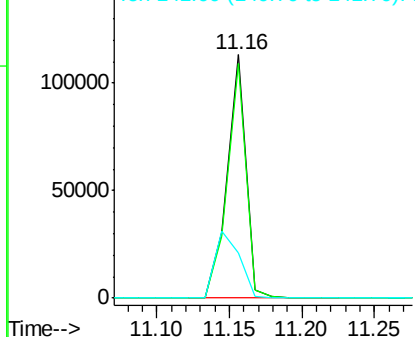


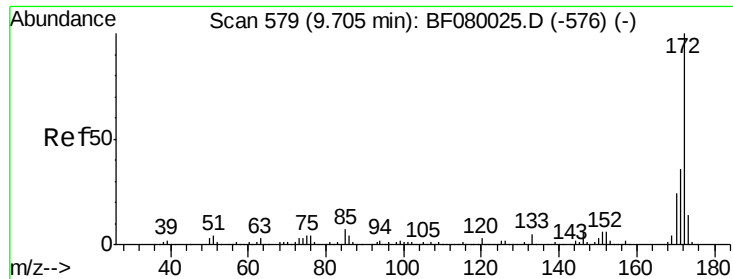
#41
 2,4,6-Tribromophenol
 Concen: 149.41 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080166.D
 Acq: 25 Jun 2015 15:18

Tgt Ion:330 Resp: 102125
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 35.5 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

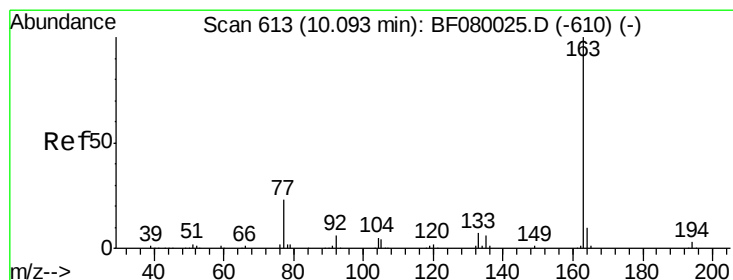
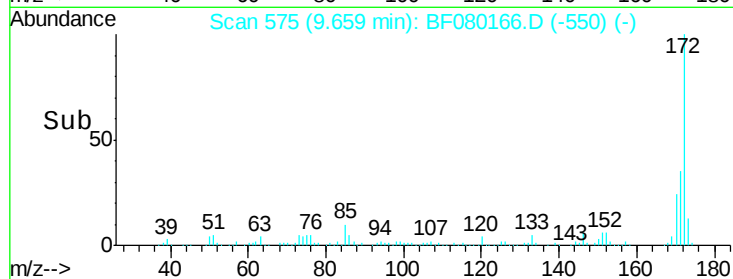
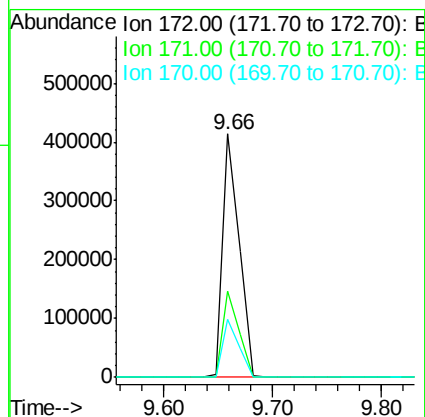
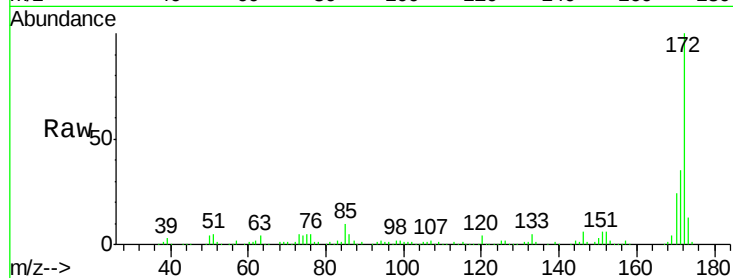




#44
2-Fluorobiphenyl
Concen: 89.07 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF080166.D
Acq: 25 Jun 2015 15:18

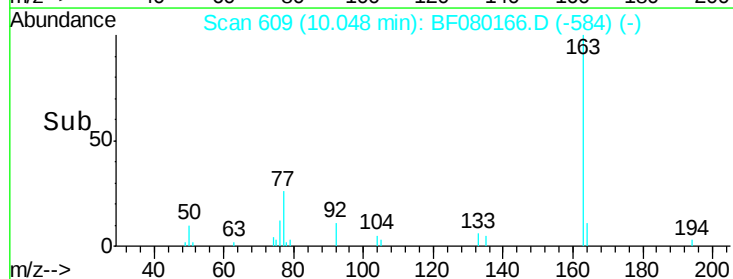
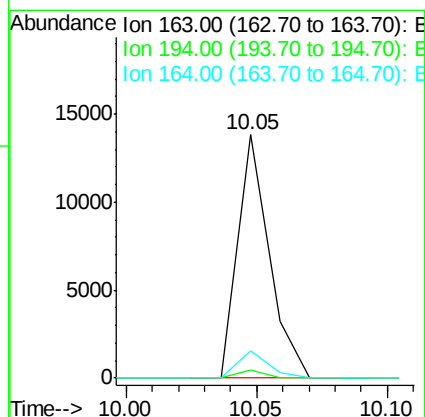
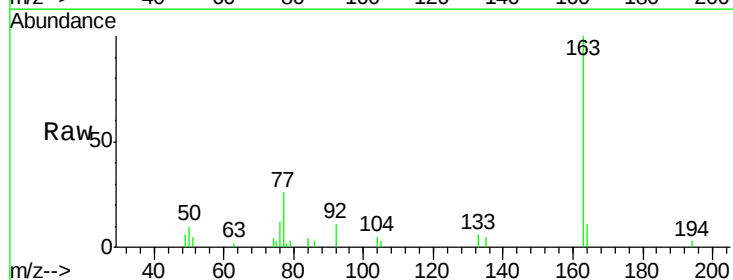
Instrument :
BNA_F
ClientSampled :
GW-TMD9

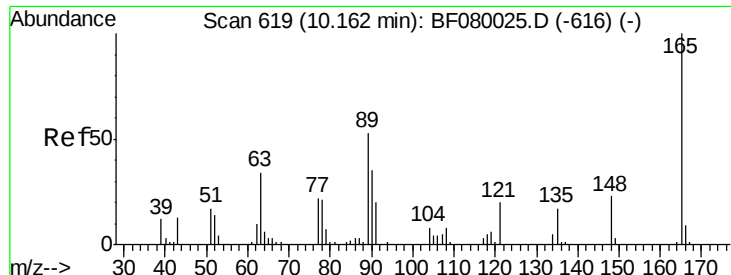
Tgt Ion:172 Resp: 436581
Ion Ratio Lower Upper
172 100
171 35.4 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 2.22 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF080166.D
Acq: 25 Jun 2015 15:18

Tgt Ion:163 Resp: 11692
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 11.1 8.3 12.5

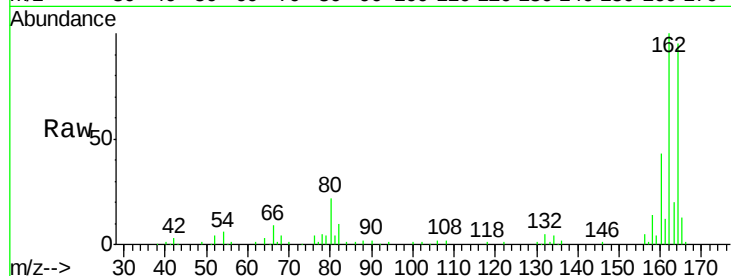




#50
 2,6-Dinitrotoluene
 Concen: 8.82 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.23 min
 Lab File: BF080166.D
 Acq: 25 Jun 2015 15:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-TMD9

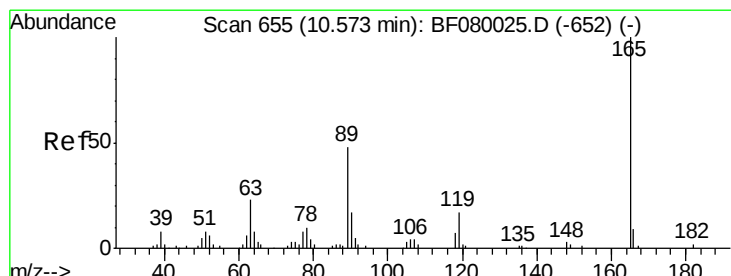
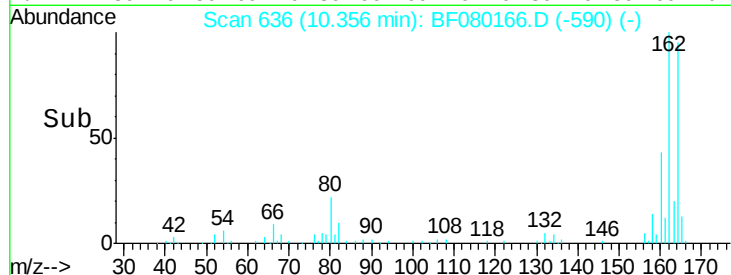
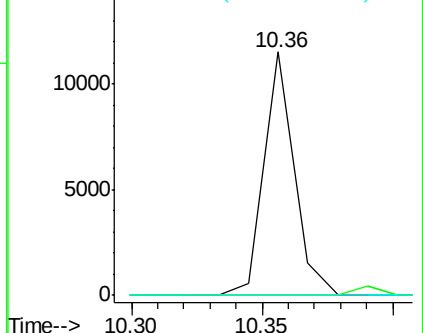
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.17 min
 Lab File: BF080166.D
 Acq: 25 Jun 2015 15:18

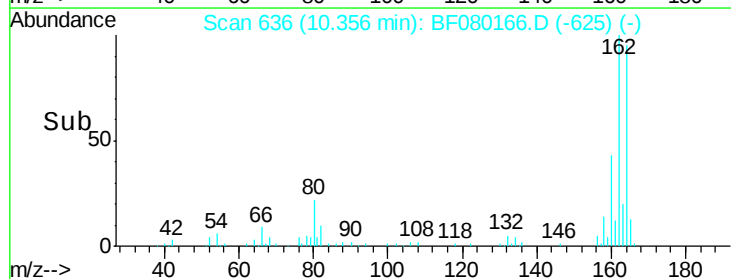
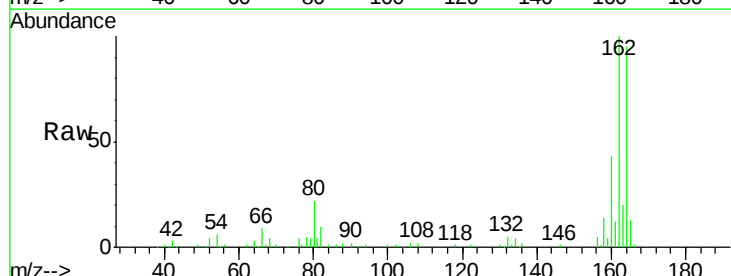
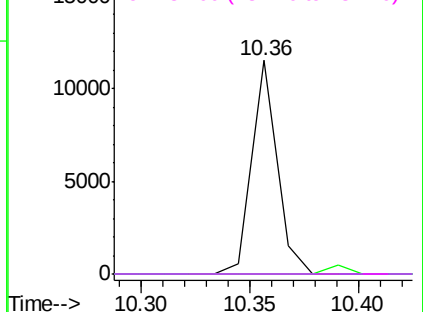
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

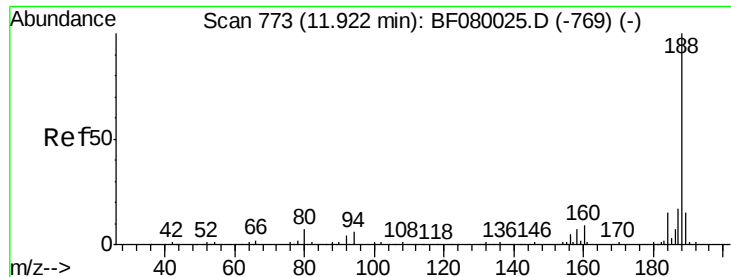
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

Instrument :

BNA_F

ClientSampleId :

GW-TMD9

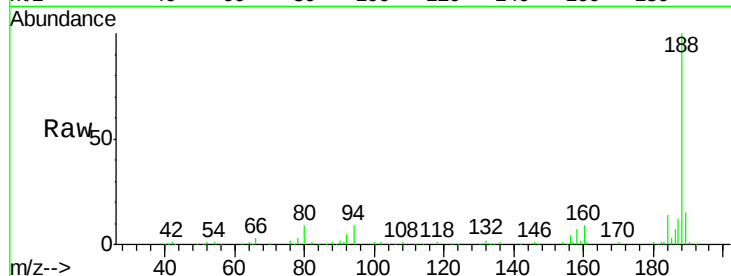
Tgt Ion:188 Resp: 151203

Ion Ratio Lower Upper

188 100

94 8.5 11.1 16.7#

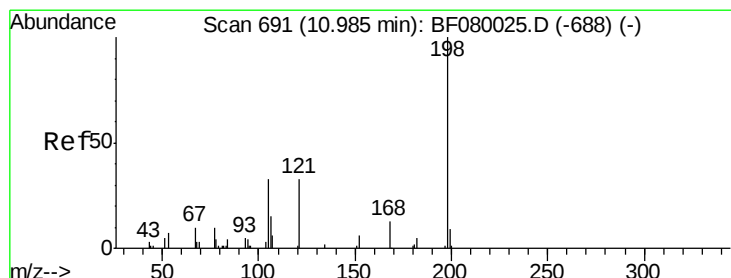
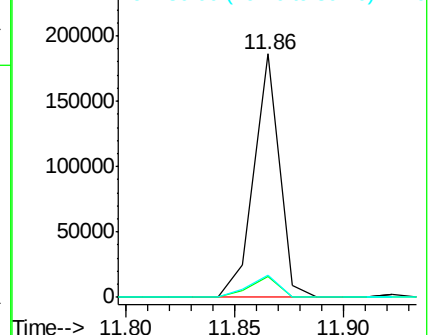
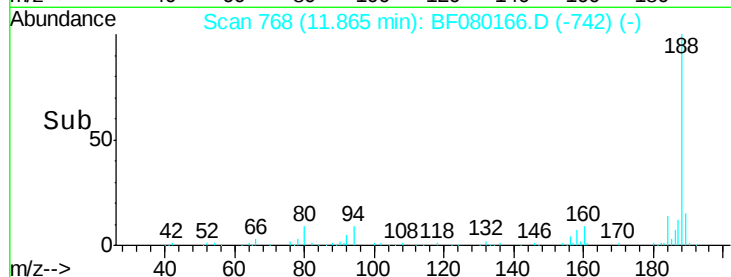
80 9.1 11.0 16.4#



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: 3.81 ng

RT: 11.16 min Scan# 706

Delta R.T. 0.21 min

Lab File: BF080166.D

Acq: 25 Jun 2015 15:18

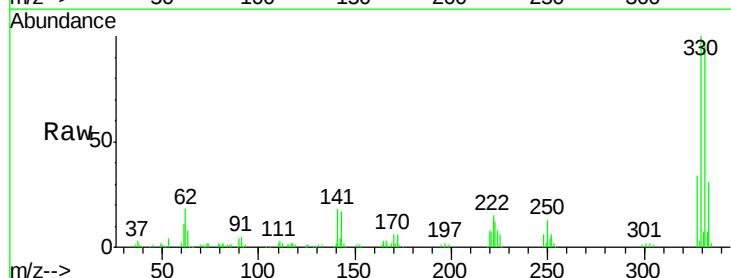
Tgt Ion:198 Resp: 206

Ion Ratio Lower Upper

198 100

51 156.8 39.6 79.6#

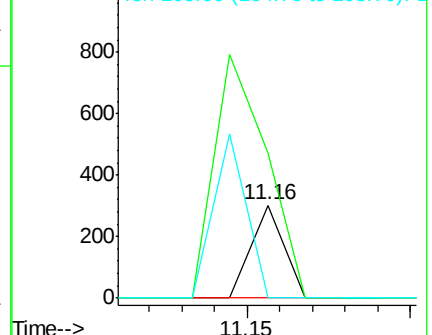
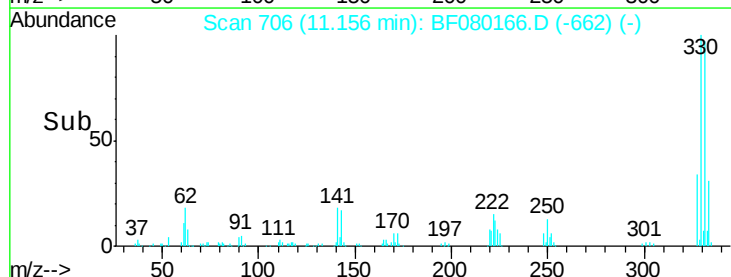
105 0.0 28.5 68.5#

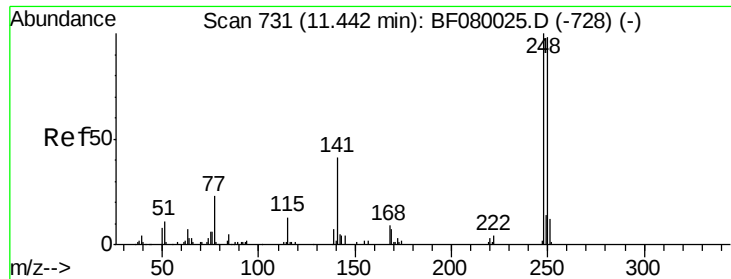


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

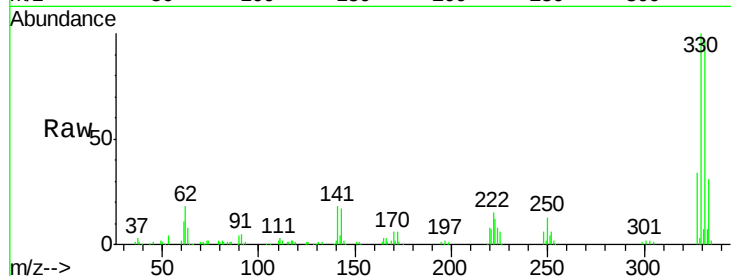




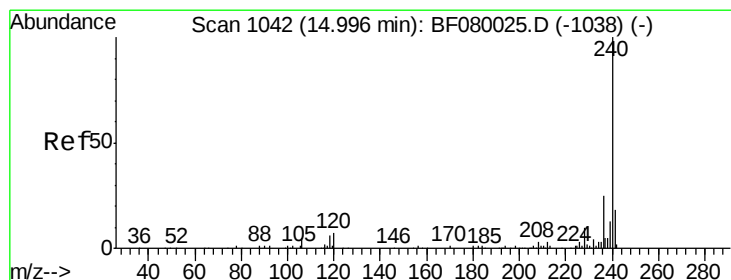
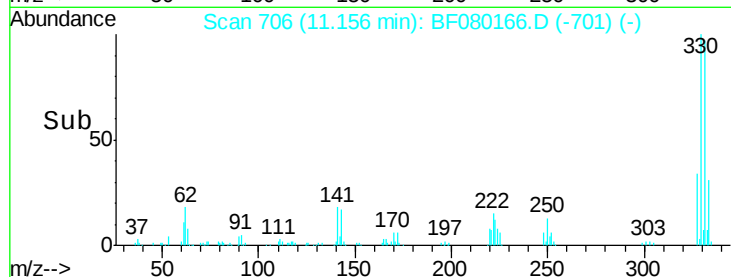
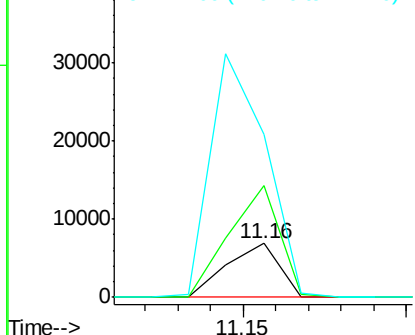
#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.24 min
Lab File: BF080166.D
Acq: 25 Jun 2015 15:18

Instrument :
BNA_F
ClientSampleId :
GW-TMD9

Tgt Ion:248 Resp: 7565
Ion Ratio Lower Upper
248 100
250 206.2 78.5 117.7#
141 301.2 59.0 88.6#

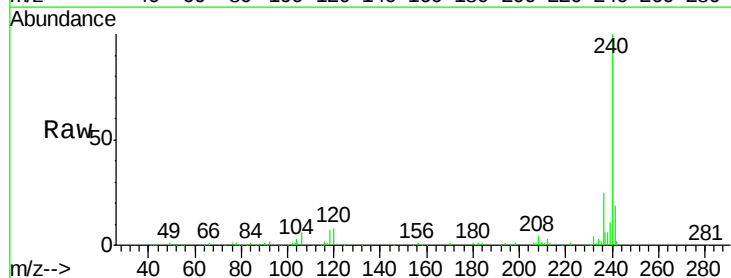


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

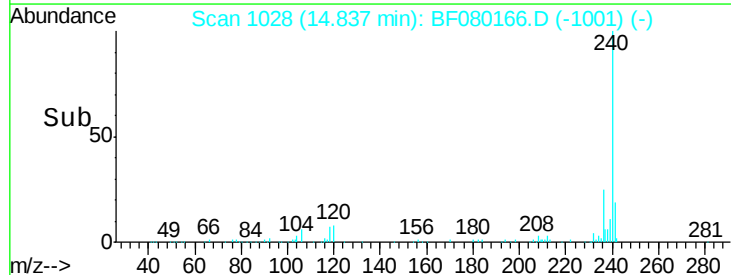
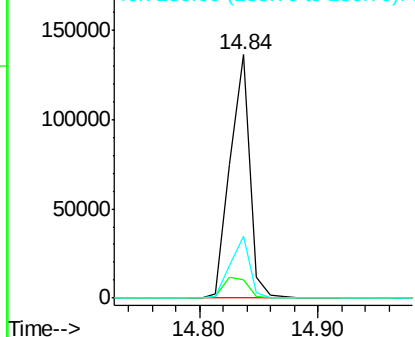


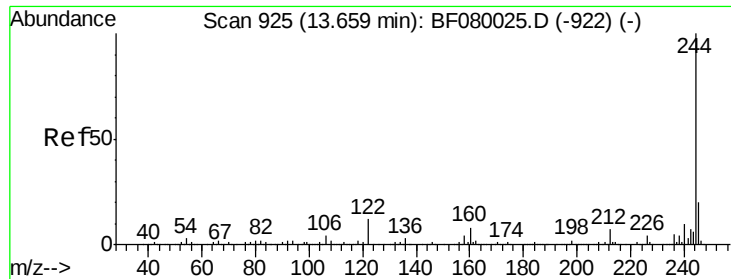
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.84 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF080166.D
Acq: 25 Jun 2015 15:18

Tgt Ion:240 Resp: 156092
Ion Ratio Lower Upper
240 100
120 7.6 16.2 24.2#
236 25.4 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

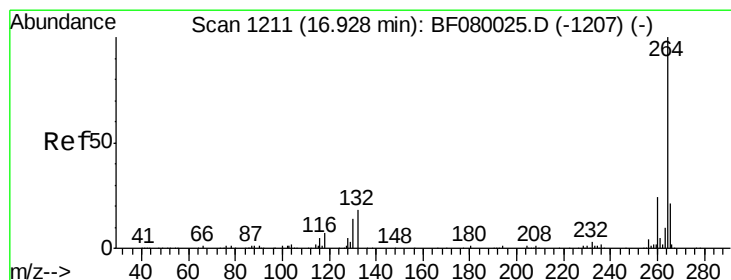
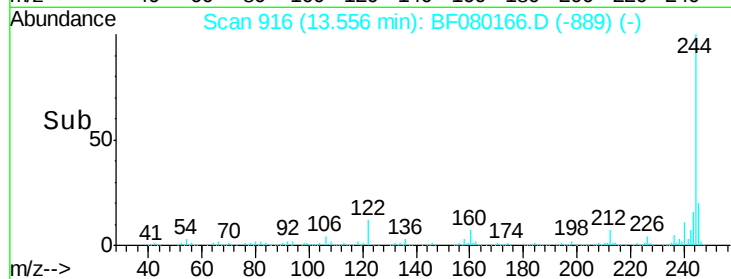
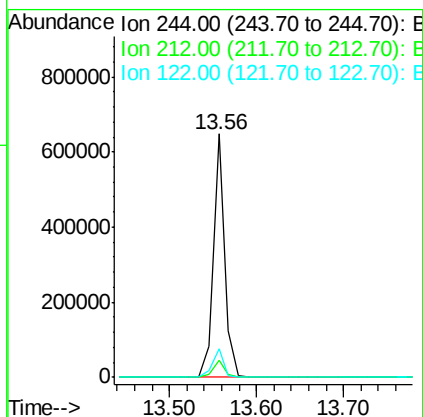
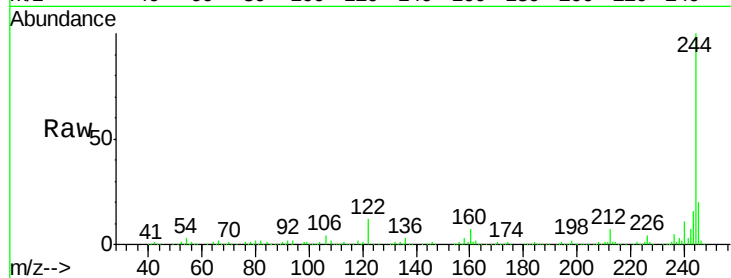




#78
 Terphenyl-d14
 Concen: 88.49 ng
 RT: 13.56 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF080166.D
 Acq: 25 Jun 2015 15:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-TMD9

Tgt Ion:244 Resp: 591446
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 11.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.71 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF080166.D
 Acq: 25 Jun 2015 15:18

Tgt Ion:264 Resp: 143393
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.1 17.2 25.8

