

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080030.D
 Acq On : 17 Jun 2015 18:08
 Operator : TP/IZ
 Sample : G2648-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2RE

Quant Time: Jun 18 00:45:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	39901	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	159043	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	57743	20.00	ng	0.00
63) Phenanthrene-d10	11.93	188	158048	20.00	ng	0.02
75) Chrysene-d12	15.08	240	154863	20.00	ng	0.22
86) Perylene-d12	17.07	264	19253	20.00	ng	0.32

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	117564	52.16	ng	0.00
7) Phenol-d6	6.94	99	85458	28.49	ng	0.00
23) Nitrobenzene-d5	7.89	82	195494	71.56	ng	-0.01
41) 2,4,6-Tribromophenol	11.20	330	100230	177.51	ng	0.00
44) 2-Fluorobiphenyl	9.70	172	456354	112.71	ng	0.00
78) Terphenyl-d14	13.72	244	542720	81.85	ng	0.13

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	4.17	42	961	0.71	ng	# 1
6) Aniline	7.00	93	221	0.05	ng	# 47
9) Benzaldehyde	6.88	77	262	0.15	ng	# 33
10) Phenol	6.95	94	505	0.15	ng	# 48
11) bis(2-Chloroethyl)ether	7.10	93	216	0.08	ng	# 1
15) Benzyl Alcohol	7.50	79	3583	1.46	ng	# 27
19) n-Nitroso-di-n-propylamine	7.89	70	24631	11.83	ng	# 66
24) Nitrobenzene	7.89	77	611	0.22	ng	# 20
25) Isophorone	7.89	82	194574	35.39	ng	# 58
27) 2,4-Dimethylphenol	8.28	122	315	0.13	ng	# 12
31) Naphthalene	8.65	128	250	0.03	ng	# 70
32) Benzoic acid	8.28	122	315	0.21	ng	# 42
35) Caprolactam	8.87	113	1209	1.77	ng	# 1
45) 1,1'-Biphenyl	9.70	154	955	0.20	ng	# 1
47) 2-Nitroaniline	10.09	65	368	0.35	ng	# 1
49) Dimethylphthalate	10.09	163	33932	7.82	ng	# 98
50) 2,6-Dinitrotoluene	10.09	165	409	0.47	ng	# 1
56) 2,4-Dinitrotoluene	10.40	165	7591	6.87	ng	# 31
59) Diethylphthalate	10.80	149	3571	0.82	ng	# 96
62) Azobenzene	11.11	77	217	0.05	ng	# 16
64) 4,6-Dinitro-2-methylphenol	11.20	198	224	3.83	ng	# 1
65) n-Nitrosodiphenylamine	11.20	169	3218	0.63	ng	# 37
66) 4-Bromophenyl-phenylether	11.20	248	7408	4.41	ng	# 1
70) Phenanthrene	11.96	178	782	0.08	ng	# 62
71) Anthracene	12.01	178	219	0.02	ng	# 62
73) Di-n-butylphthalate	12.52	149	4499	0.44	ng	# 78
74) Fluoranthene	13.27	202	548	0.05	ng	# 60
76) Benzidine	13.71	184	6737	1.56	ng	# 94
77) Pyrene	13.71	202	1604	0.17	ng	# 50
80) Benzo(a)anthracene	15.04	228	3018	0.32	ng	# 53
81) 3,3'-Dichlorobenzidine	15.00	252	338	0.10	ng	# 27
82) Chrysene	15.09	228	2356	0.27	ng	# 73
83) Bis(2-ethylhexyl)phthalate	15.05	149	6517	1.08	ng	# 98
84) Di-n-octyl phthalate	15.92	149	255	0.02	ng	# 51

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

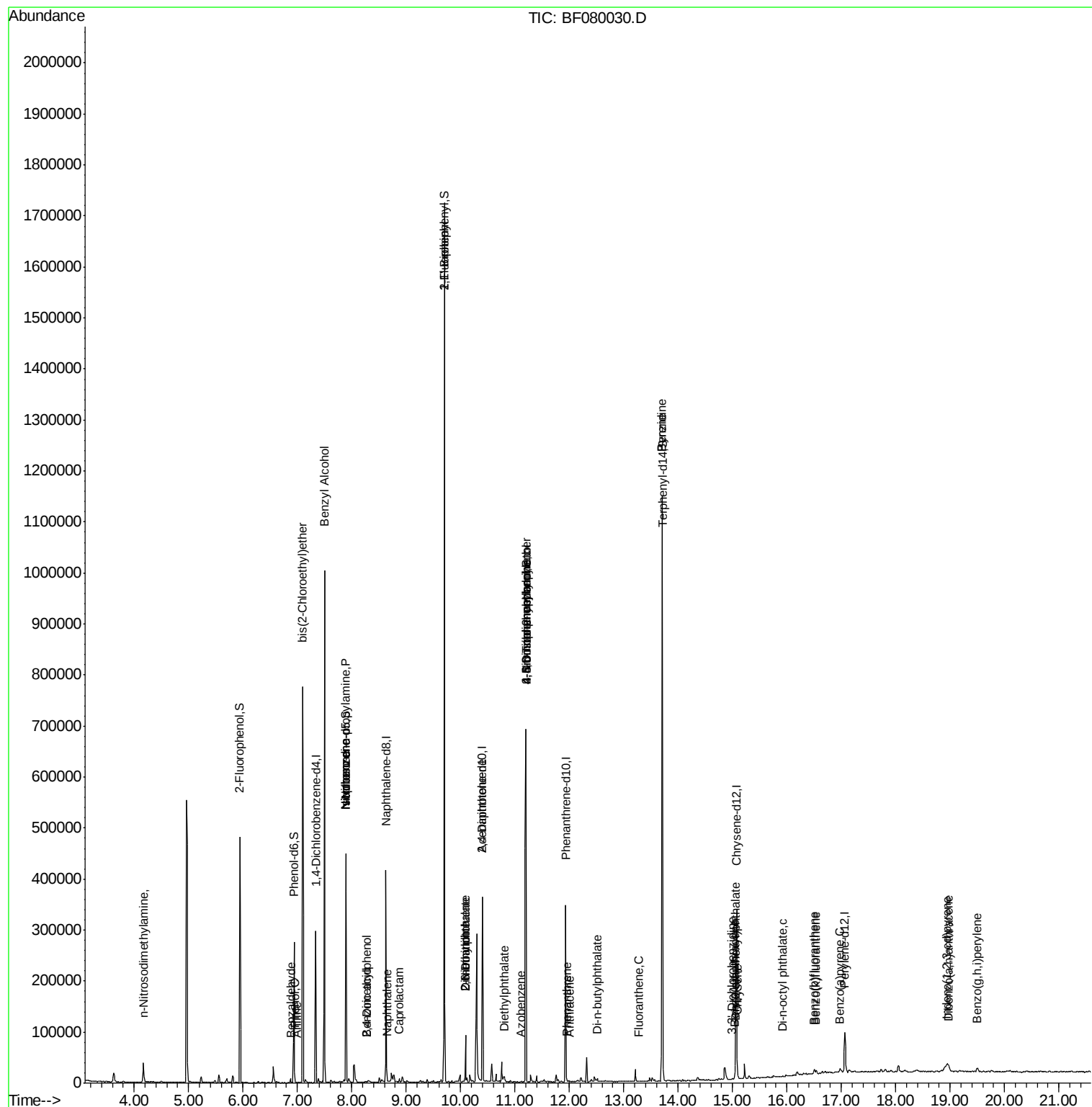
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	18.94	276	12596	1.15	ng	# 85
87) Benzo(b)fluoranthene	16.51	252	4707	4.04	ng	# 91
88) Benzo(k)fluoranthene	16.54	252	4272	3.60	ng	# 87
89) Benzo(a)pyrene	16.97	252	5459	4.93	ng	# 74
90) Dibenzo(a,h)anthracene	18.97	278	10697	9.44	ng	# 81
91) Benzo(g,h,i)perylene	19.50	276	9117	7.97	ng	# 76

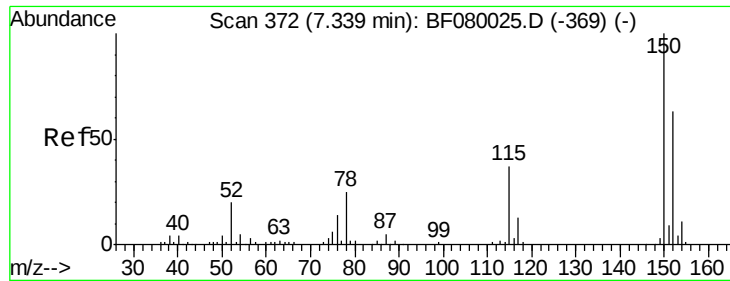
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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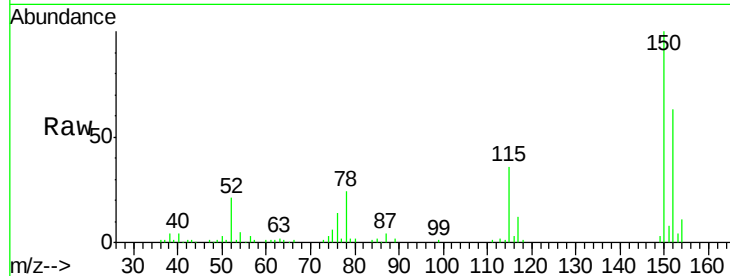


#1

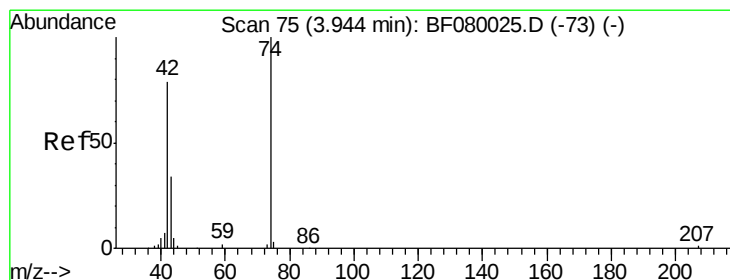
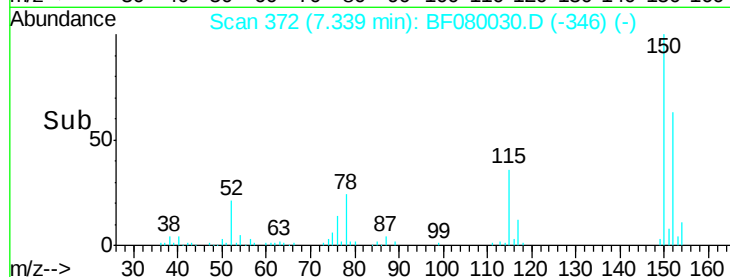
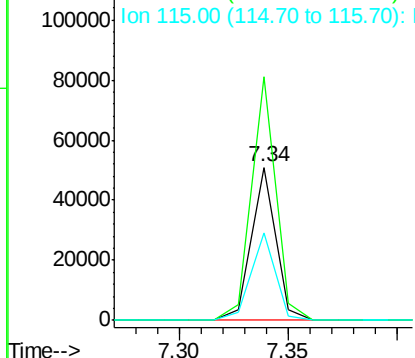
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Instrument :
BNA_F
ClientSampleId :
GW-2RE

Tgt Ion:152 Resp: 39901
Ion Ratio Lower Upper
152 100
150 159.1 124.7 187.1
115 56.9 39.0 58.4



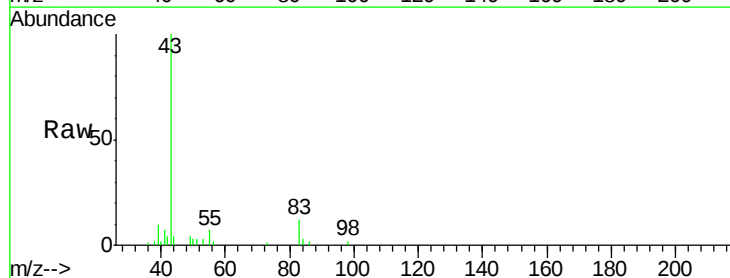
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



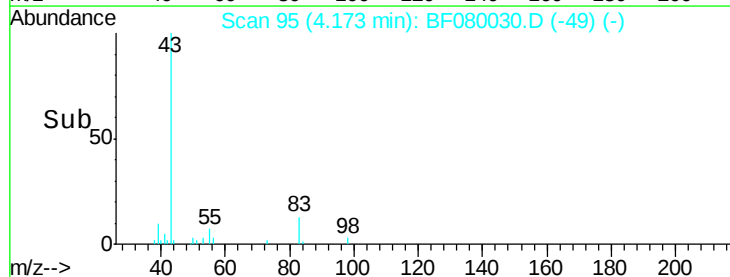
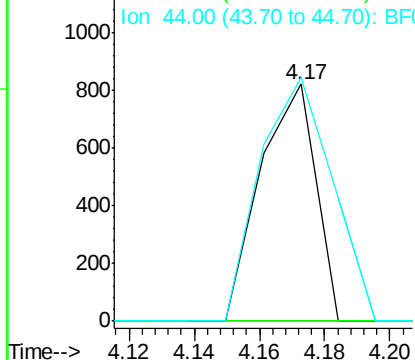
#4

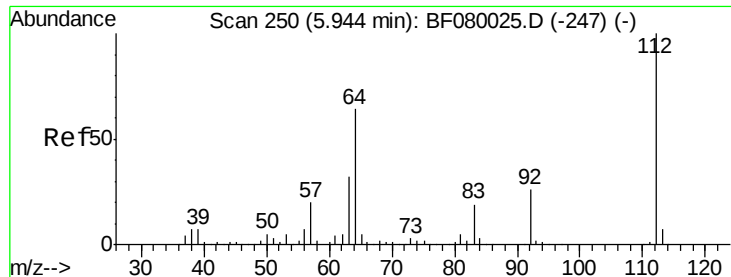
n-Nitrosodimethylamine
Concen: 0.71 ng
RT: 4.17 min Scan# 95
Delta R.T. 0.23 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion: 42 Resp: 961
Ion Ratio Lower Upper
42 100
74 0.0 105.0 157.6#
44 102.7 6.6 10.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 52.16 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

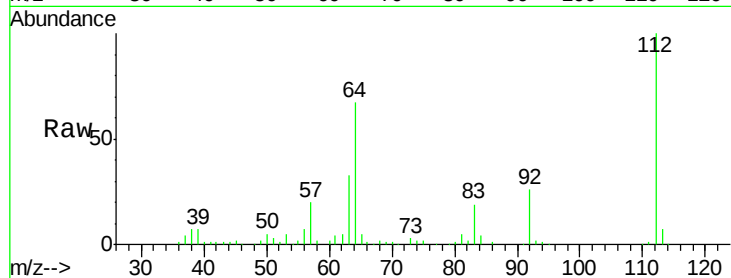
Tgt Ion: 112 Resp: 117564

Ion Ratio Lower Upper

112 100

64 67.0 39.7 59.5#

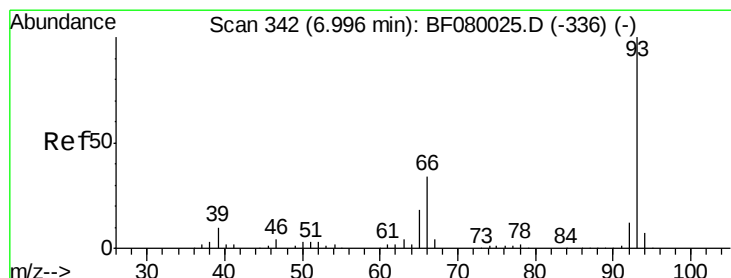
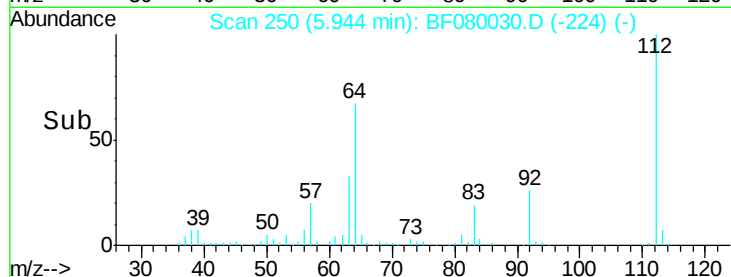
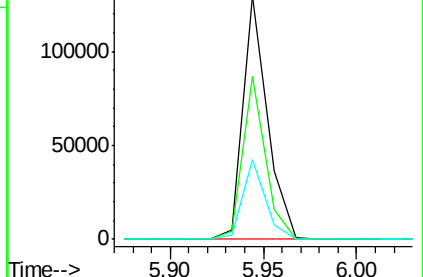
63 33.0 17.4 26.0#



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



#6

Aniline

Concen: 0.05 ng

RT: 7.00 min Scan# 342

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

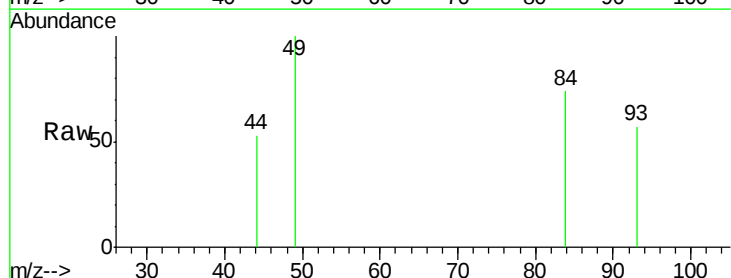
Tgt Ion: 93 Resp: 221

Ion Ratio Lower Upper

93 100

66 0.0 27.2 40.8#

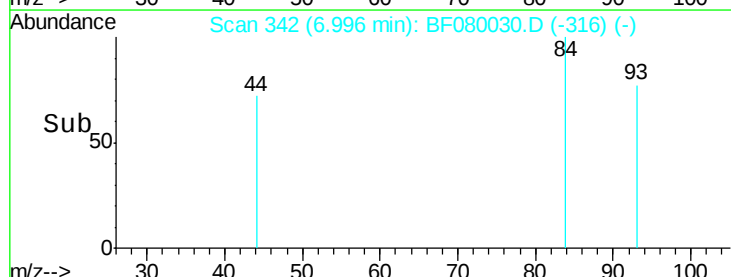
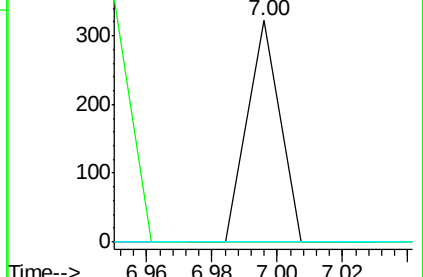
65 0.0 14.7 22.1#

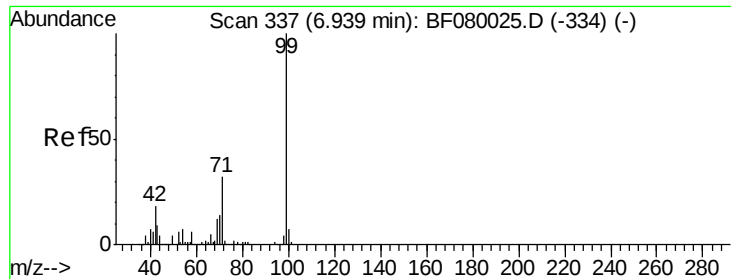


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.49 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

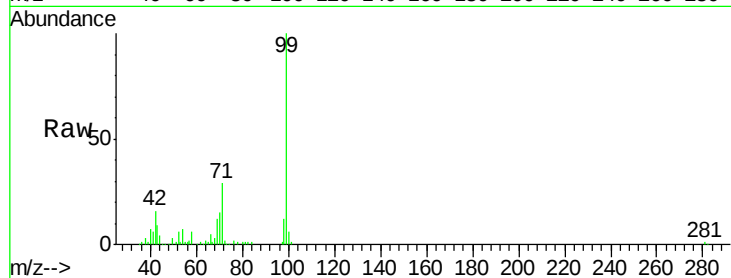
Tgt Ion: 99 Resp: 85458

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

71 29.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

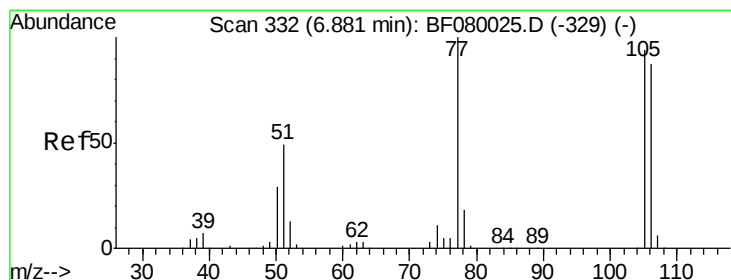
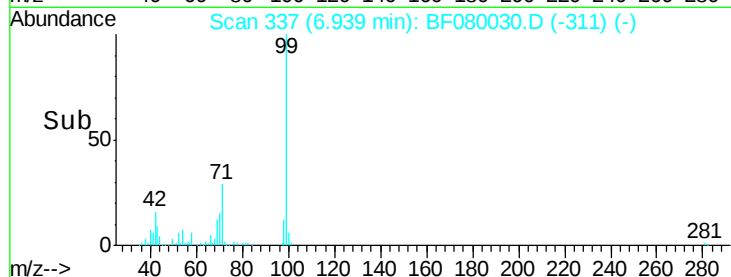
Ion 71.00 (70.70 to 71.70): BF0

100000

50000

6.94

Time-->



#9

Benzaldehyde

Concen: 0.15 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

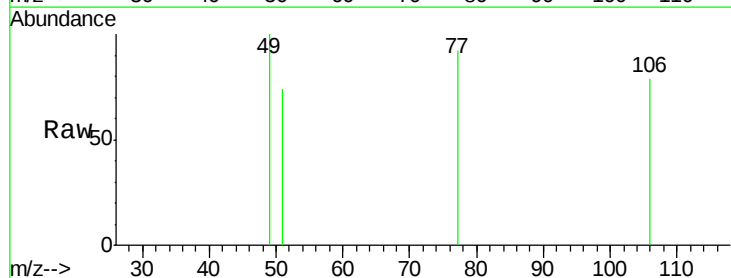
Tgt Ion: 77 Resp: 262

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

106 86.6 102.6 142.6#



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

500

400

300

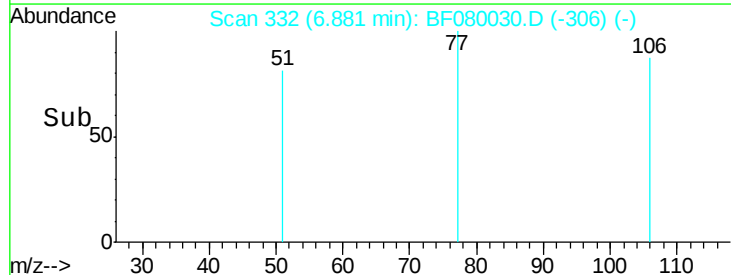
200

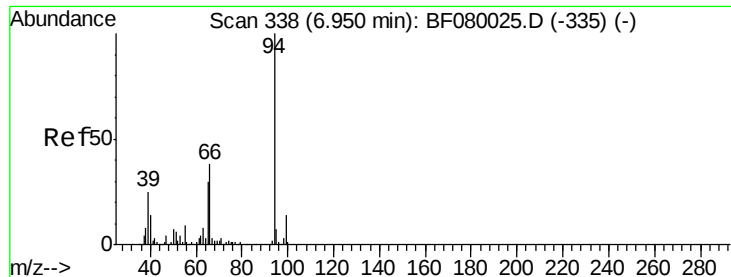
100

0

6.88

Time-->





#10

Phenol

Concen: 0.15 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

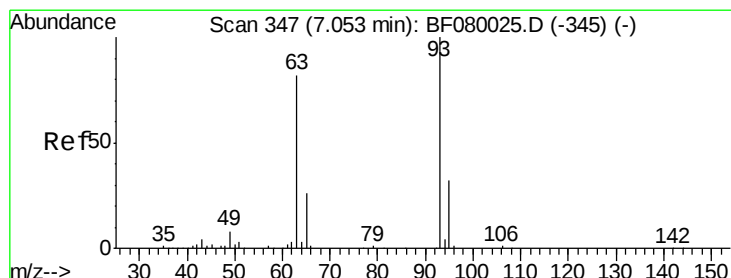
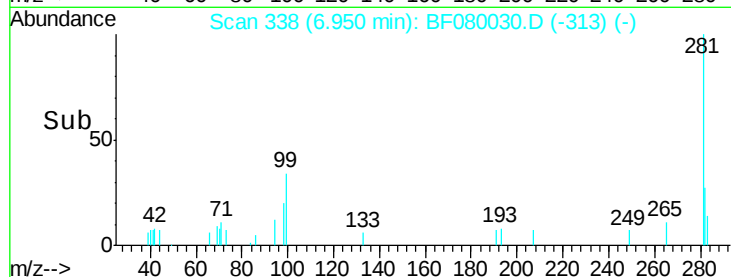
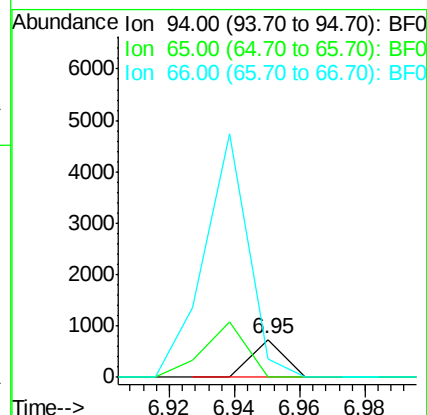
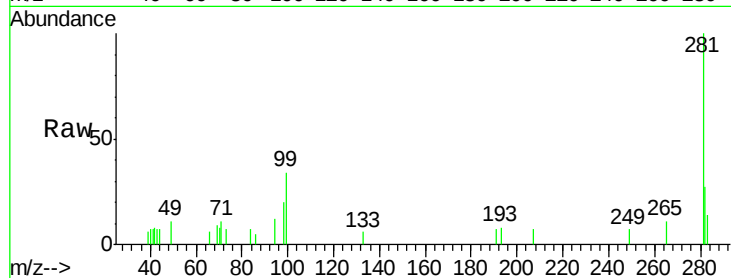
Tgt Ion: 94 Resp: 505

Ion Ratio Lower Upper

94 100

65 0.0 0.7 40.7#

66 48.1 0.8 40.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.05 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

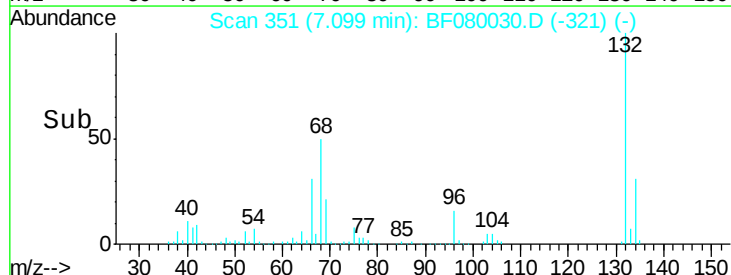
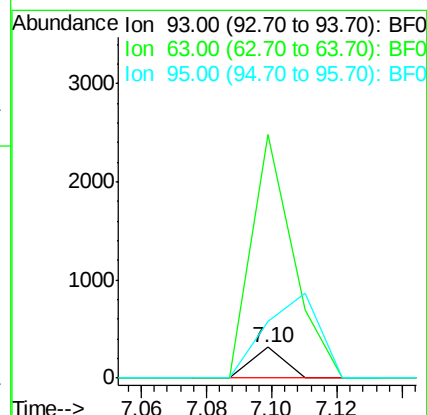
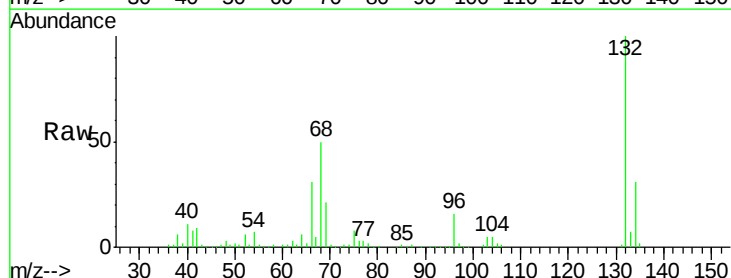
Tgt Ion: 93 Resp: 216

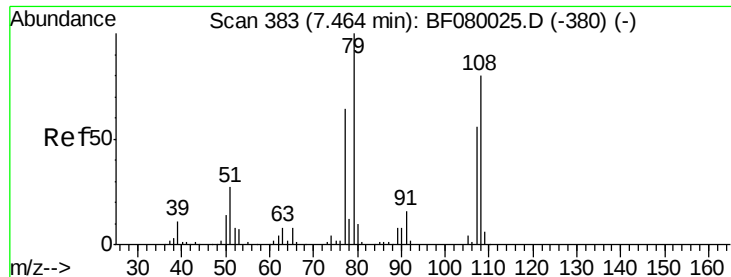
Ion Ratio Lower Upper

93 100

63 787.3 65.6 105.6#

95 183.2 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.46 ng

RT: 7.50 min Scan# 386

Delta R.T. 0.03 min

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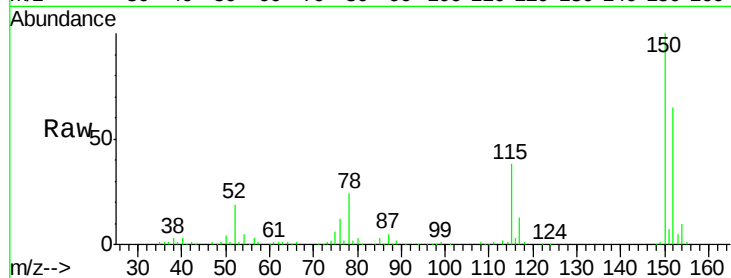
Tgt Ion: 79 Resp: 3583

Ion Ratio Lower Upper

79 100

108 33.8 88.6 132.8#

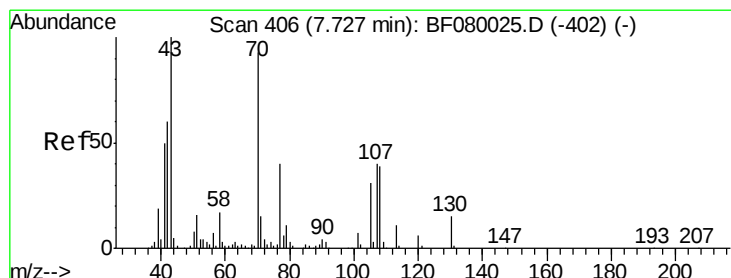
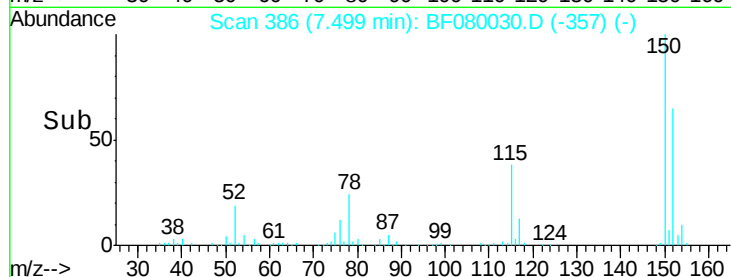
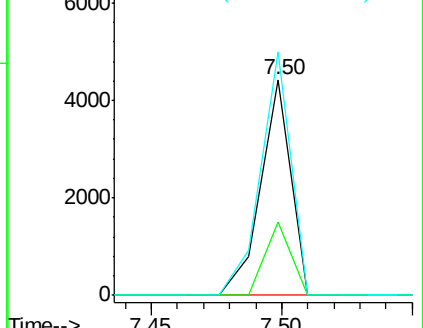
77 112.9 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.83 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Tgt Ion: 70 Resp: 24631

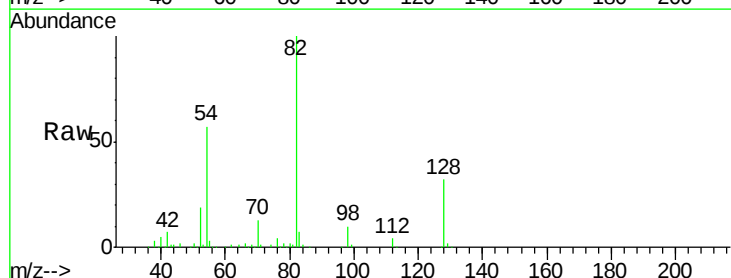
Ion Ratio Lower Upper

70 100

42 57.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

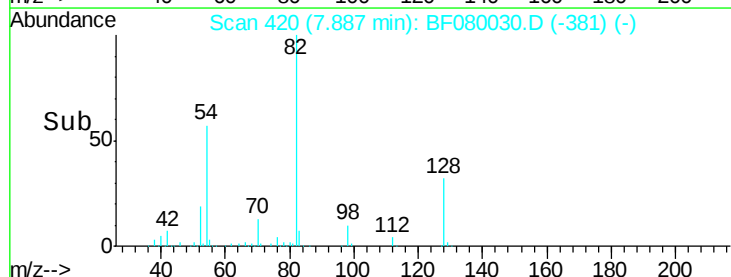
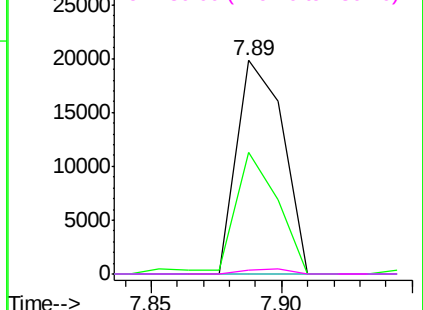


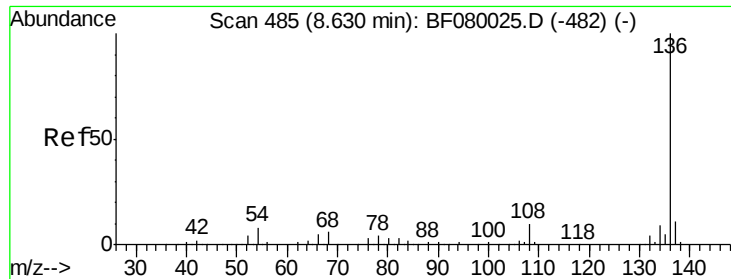
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

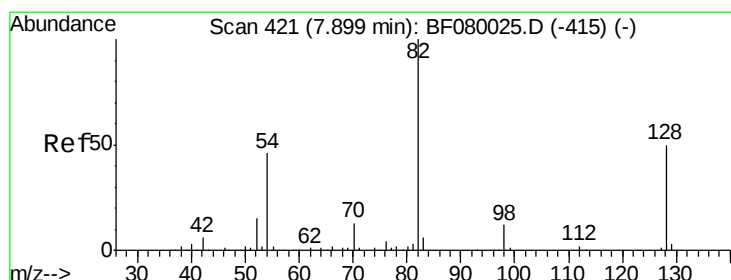
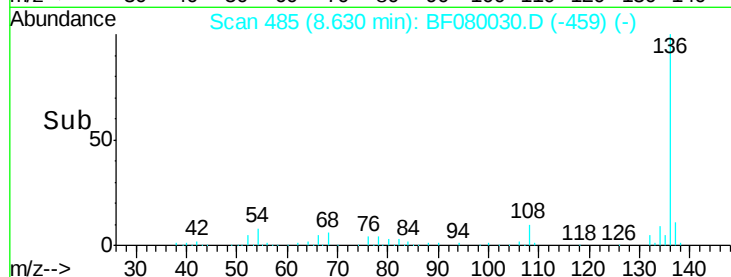
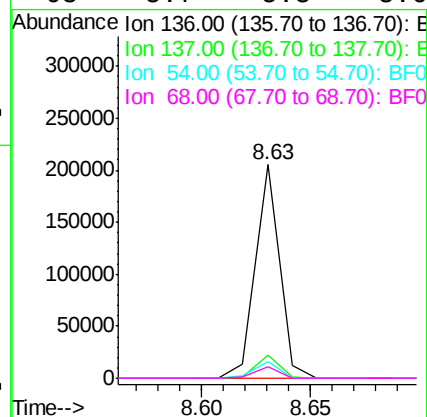
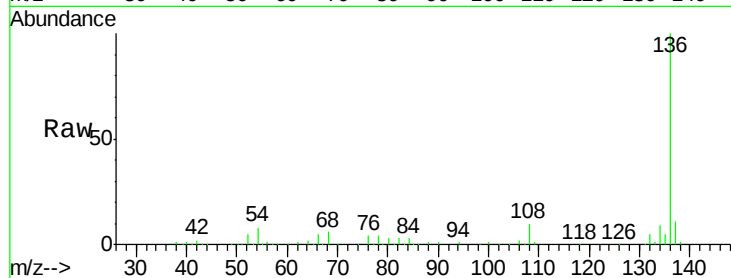




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

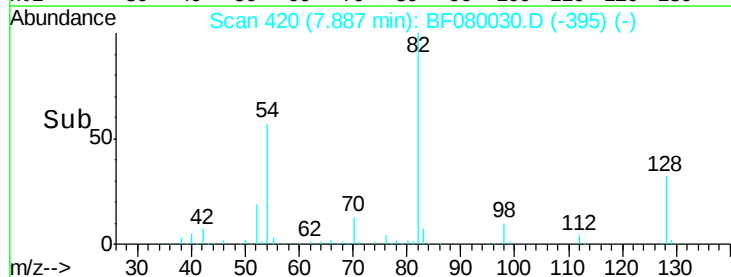
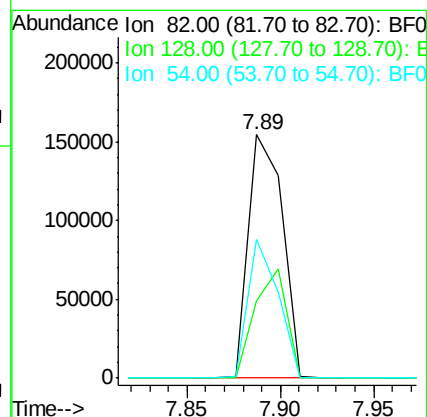
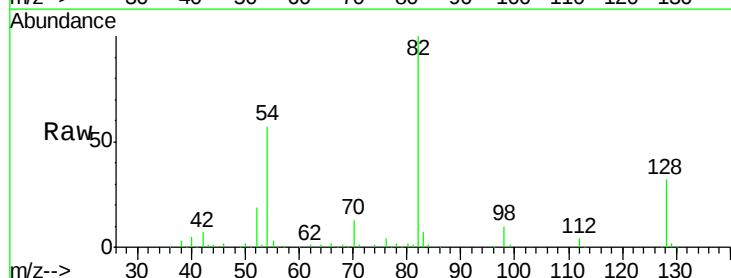
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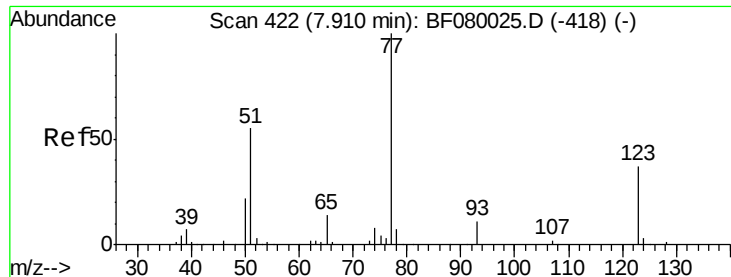
Tgt Ion:	136	Resp:	159043
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	8.1	8.2	12.2#
68	5.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 71.56 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion:	82	Resp:	195494
Ion Ratio	Lower	Upper	
82	100		
128	31.7	51.0	76.6#
54	57.2	47.5	71.3

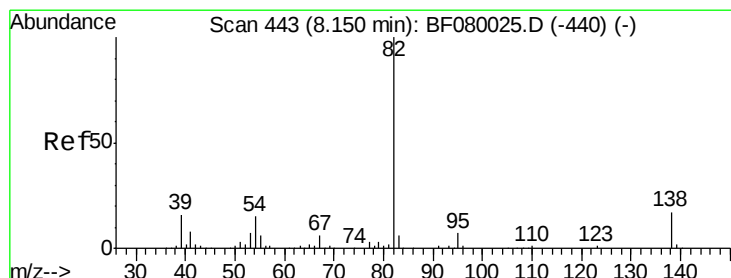
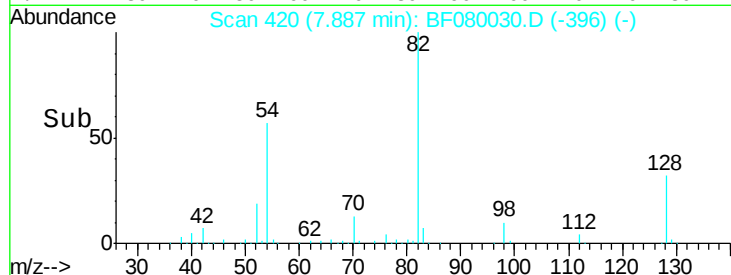
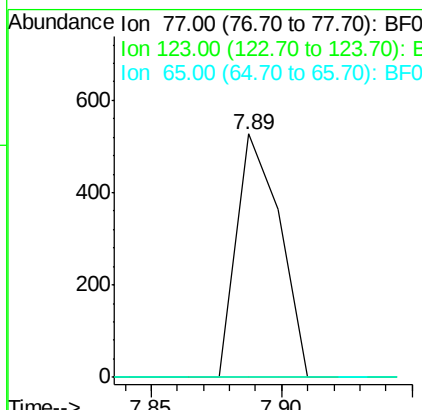
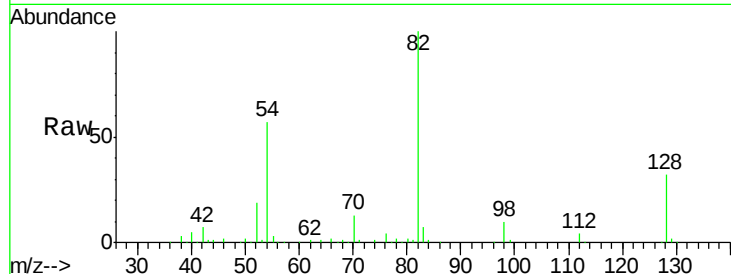




#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF080030.D
 Acq: 17 Jun 2015 18:08

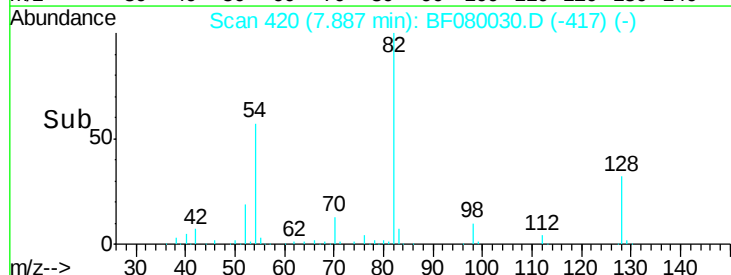
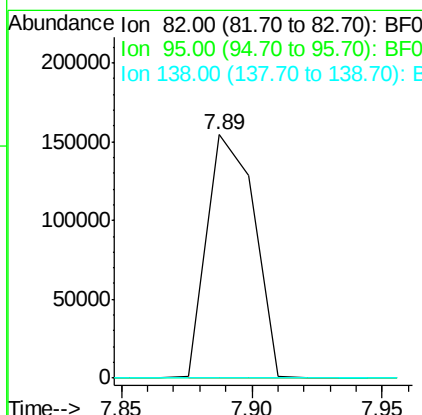
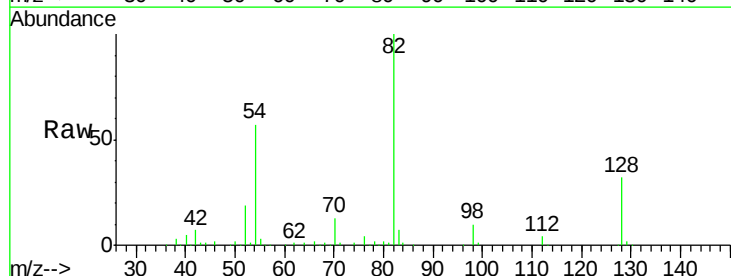
Instrument :
 BNA_F
 ClientSampleId :
 GW-2RE

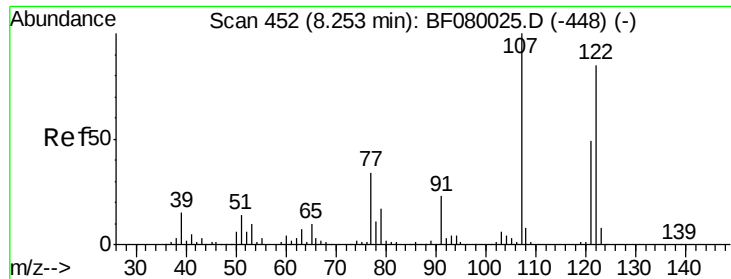
Tgt Ion: 77 Resp: 611
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 0.0 10.2 15.4#



#25
 Isophorone
 Concen: 35.39 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.26 min
 Lab File: BF080030.D
 Acq: 17 Jun 2015 18:08

Tgt Ion: 82 Resp: 194574
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

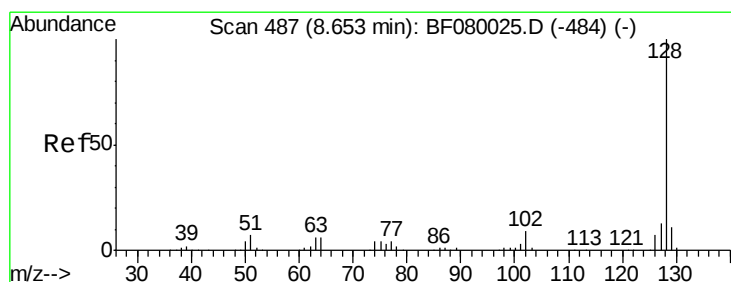
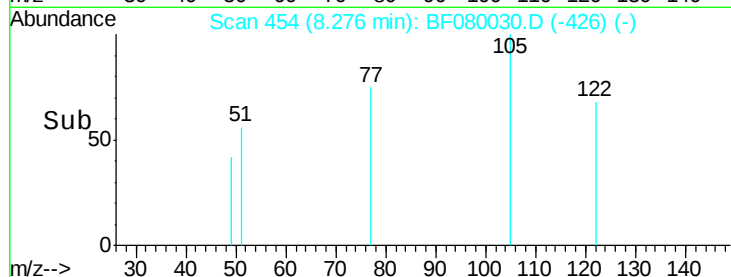
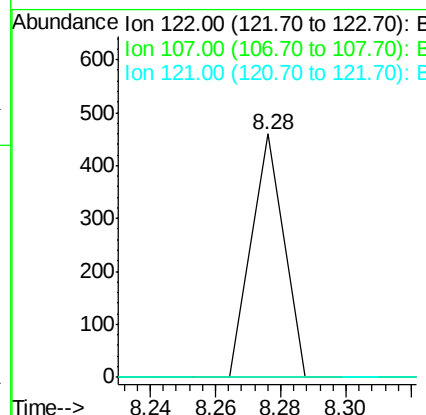
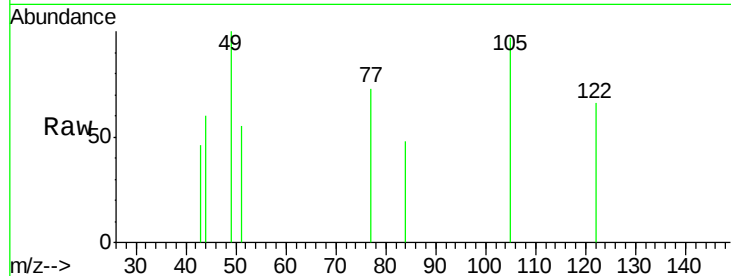




#27
2,4-Dimethylphenol
Concen: 0.13 ng
RT: 8.28 min Scan# 454
Delta R.T. 0.02 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

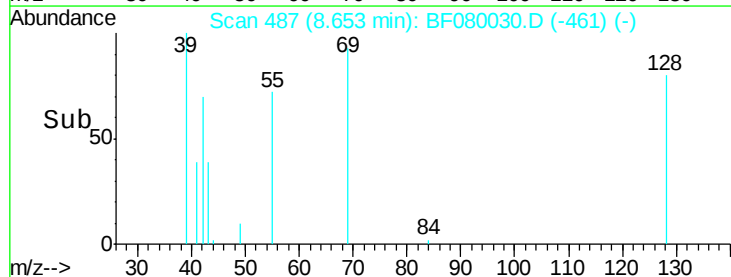
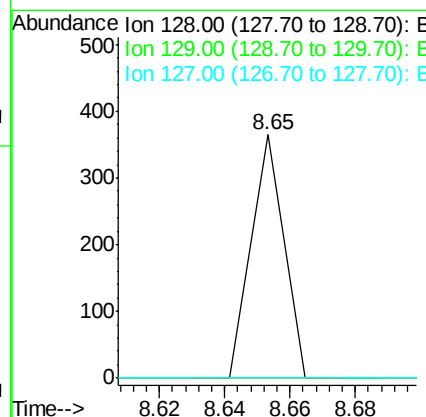
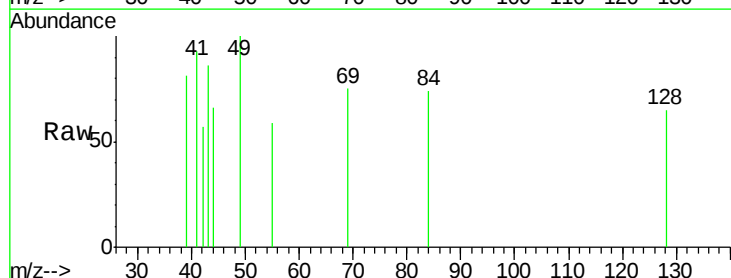
Instrument :
BNA_F
ClientSampleId :
GW-2RE

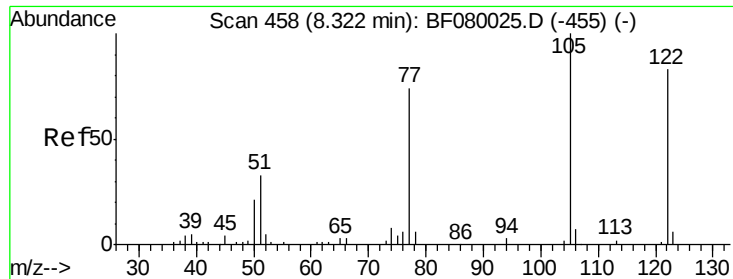
Tgt Ion:122 Resp: 315
Ion Ratio Lower Upper
122 100
107 0.0 71.8 107.6#
121 0.0 42.3 63.5#



#31
Naphthalene
Concen: 0.03 ng
RT: 8.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion:128 Resp: 250
Ion Ratio Lower Upper
128 100
129 0.0 8.4 12.6#
127 0.0 9.9 14.9#

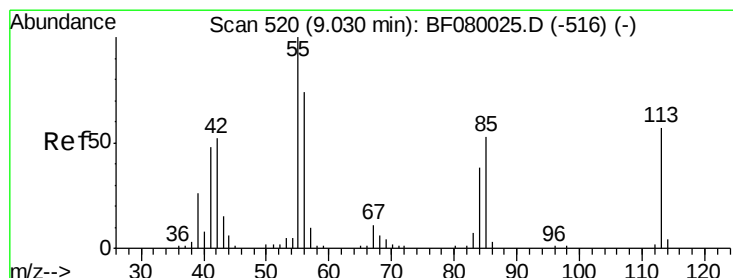
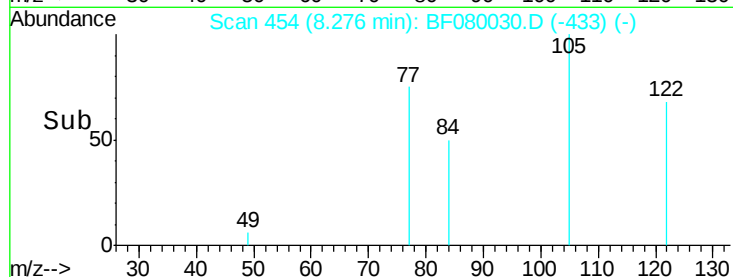
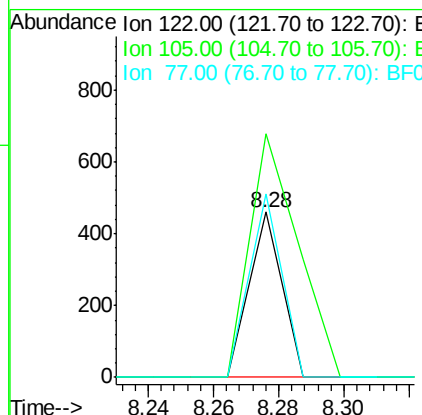
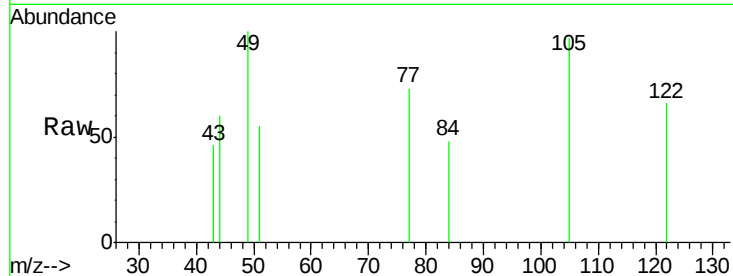




#32
Benzoic acid
Concen: 0.21 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

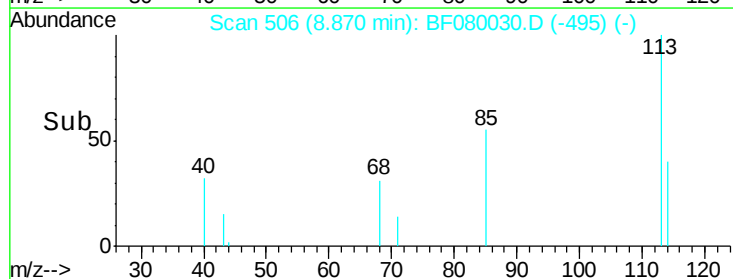
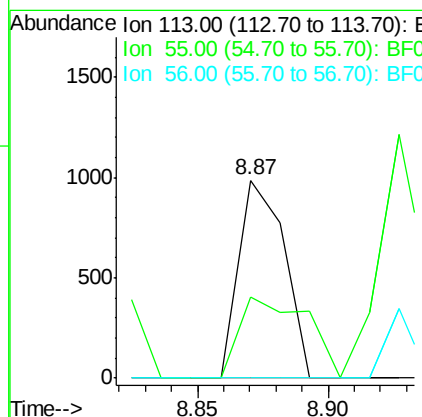
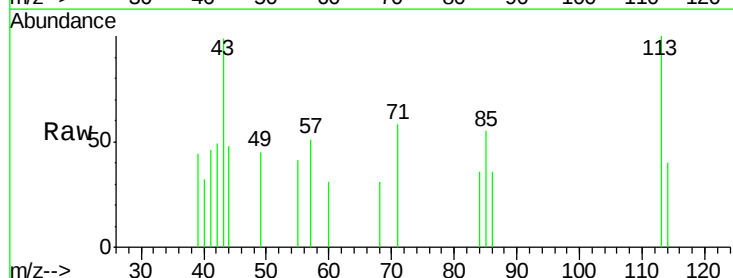
Instrument :
BNA_F
ClientSampleId :
GW-2RE

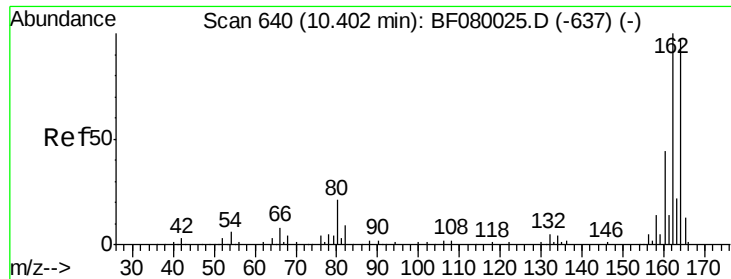
Tgt Ion:122 Resp: 315
Ion Ratio Lower Upper
122 100
105 147.4 76.1 116.1#
77 111.1 40.5 80.5#



#35
Caprolactam
Concen: 1.77 ng
RT: 8.87 min Scan# 506
Delta R.T. -0.17 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion:113 Resp: 1209
Ion Ratio Lower Upper
113 100
55 41.0 152.4 192.4#
56 0.0 104.6 144.6#

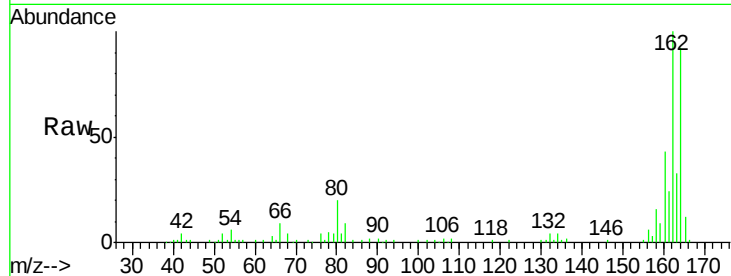




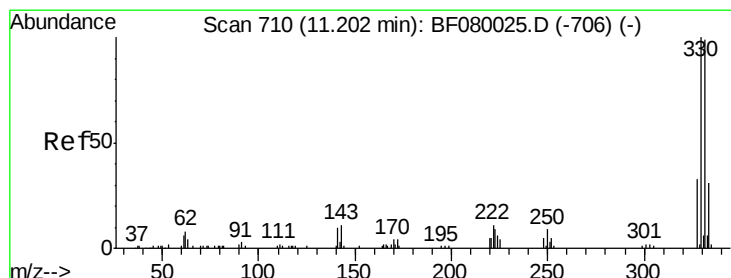
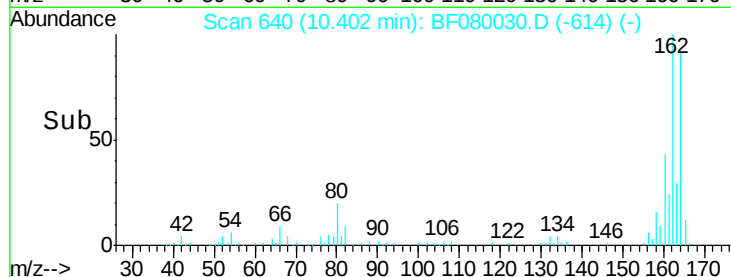
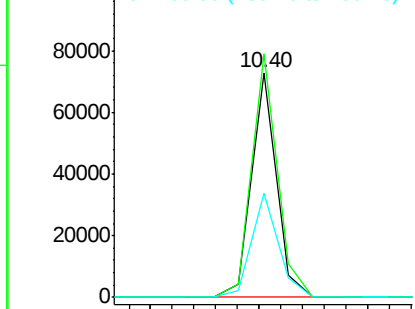
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080030.D
 Acq: 17 Jun 2015 18:08

Instrument :
 BNA_F
 ClientSampled :
 GW-2RE

Tgt Ion:164 Resp: 57743
 Ion Ratio Lower Upper
 164 100
 162 108.4 75.2 112.8
 160 46.5 31.5 47.3

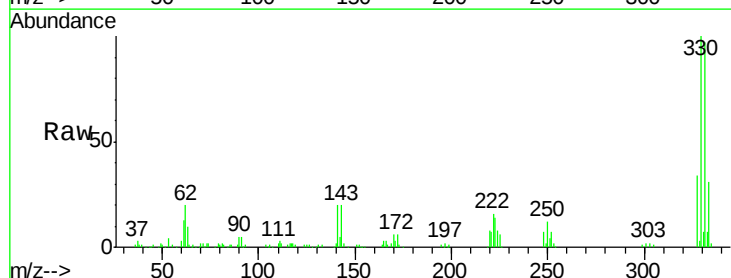


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

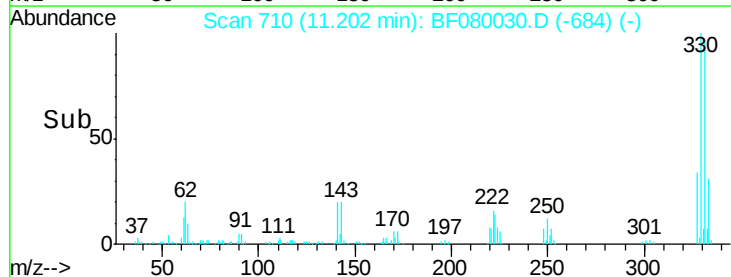
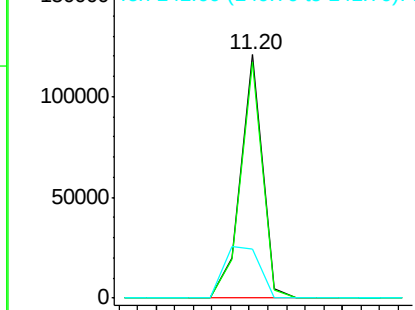


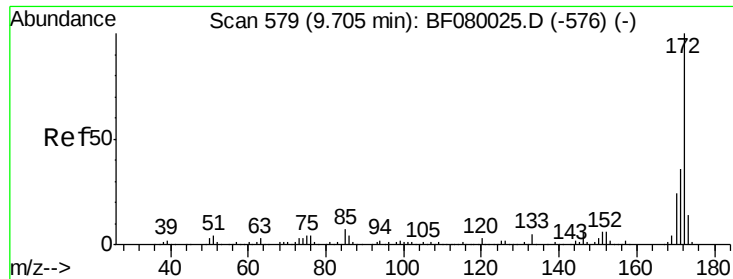
#41
 2,4,6-Tribromophenol
 Concen: 177.51 ng
 RT: 11.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF080030.D
 Acq: 17 Jun 2015 18:08

Tgt Ion:330 Resp: 100230
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.9 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: 112.71 ng

RT: 9.70 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

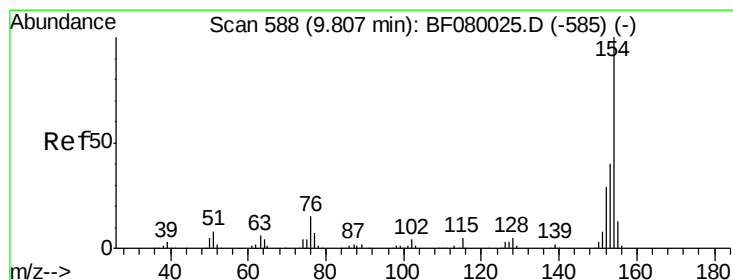
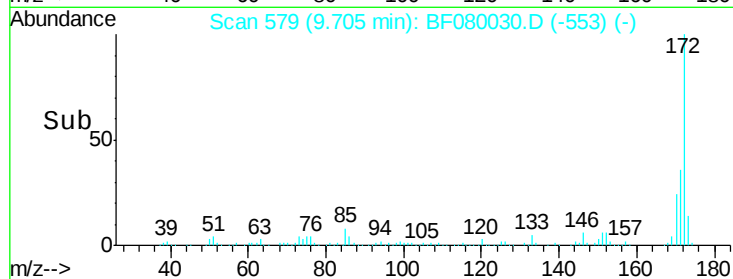
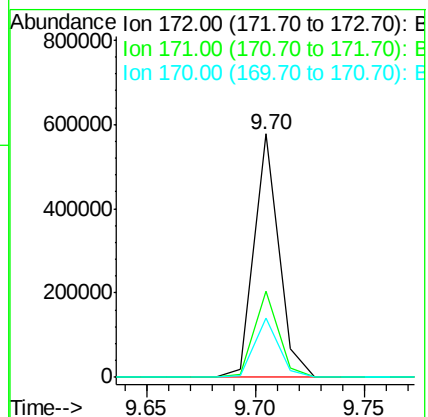
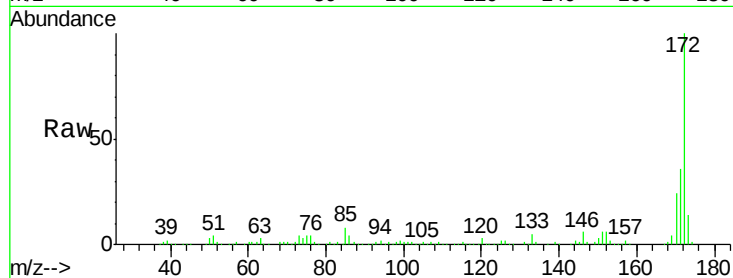
Tgt Ion:172 Resp: 456354

Ion Ratio Lower Upper

172 100

171 35.6 26.1 39.1

170 24.2 17.4 26.2



#45

1,1'-Biphenyl

Concen: 0.20 ng

RT: 9.70 min Scan# 579

Delta R.T. -0.10 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

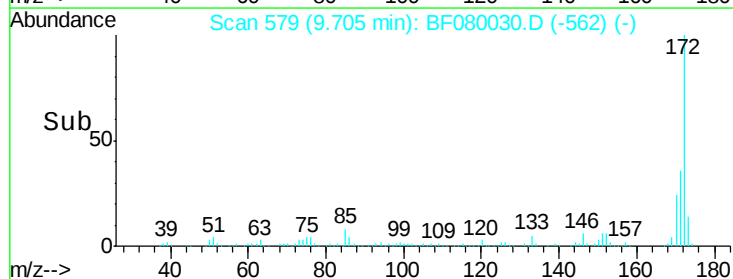
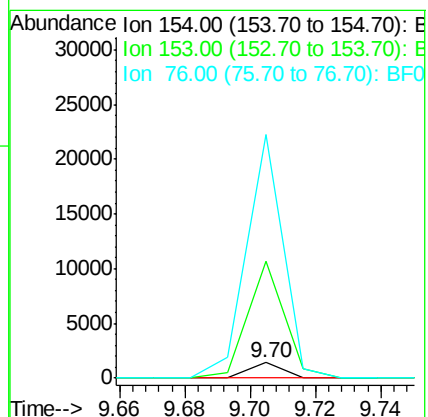
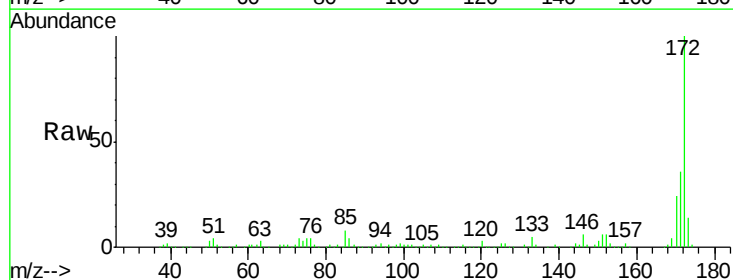
Tgt Ion:154 Resp: 955

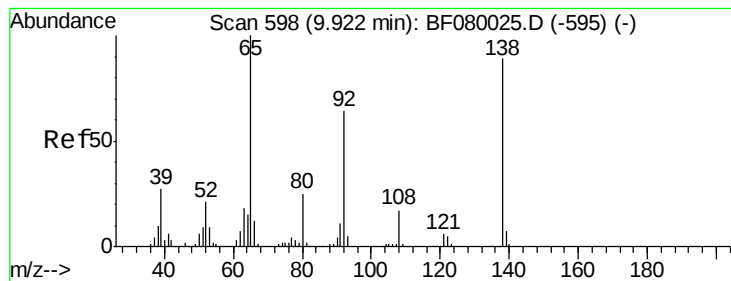
Ion Ratio Lower Upper

154 100

153 769.8 17.1 57.1#

76 1597.7 0.0 31.6#





#47

2-Nitroaniline

Concen: 0.35 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.17 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

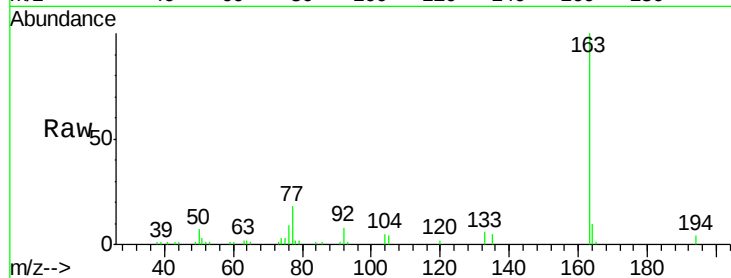
Tgt Ion: 65 Resp: 368

Ion Ratio Lower Upper

65 100

92 686.6 55.4 83.0#

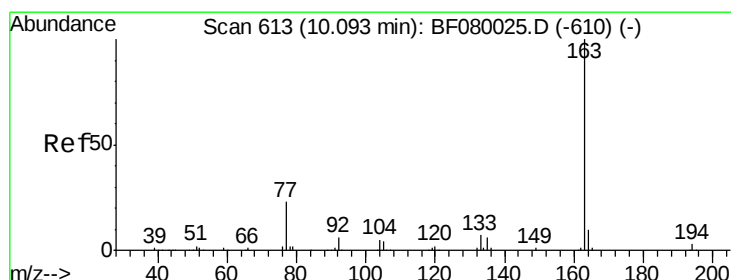
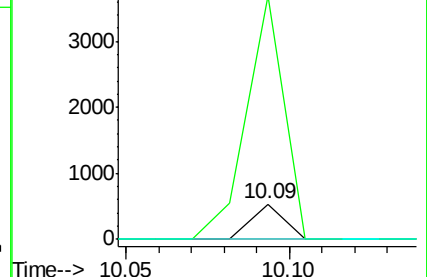
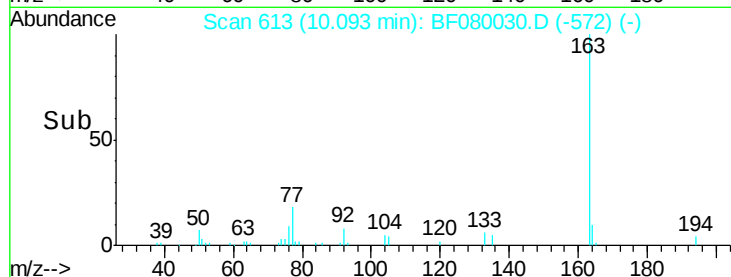
138 0.0 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#49

Dimethylphthalate

Concen: 7.82 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

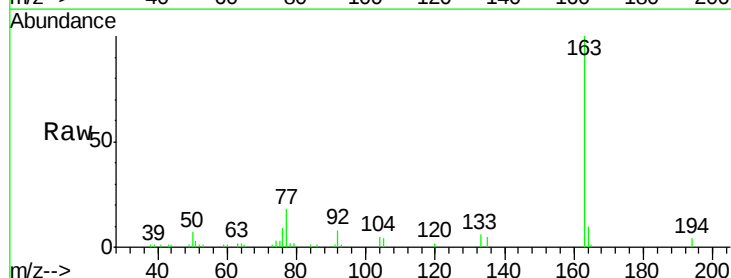
Tgt Ion: 163 Resp: 33932

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

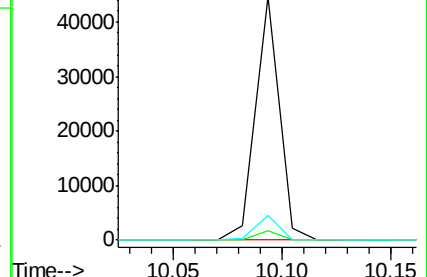
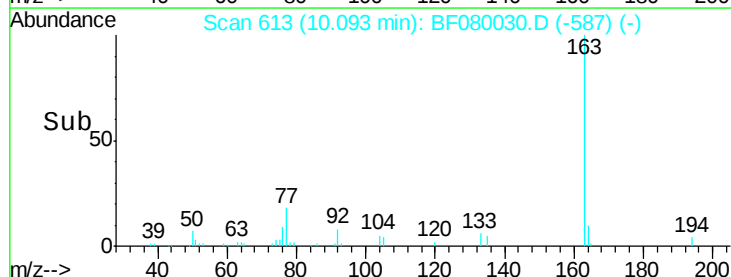
164 10.3 8.3 12.5

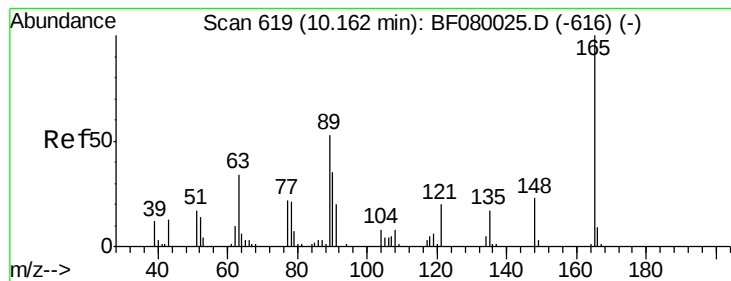


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 0.47 ng

RT: 10.09 min Scan# 613

Delta R.T. -0.07 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampled :

GW-2RE

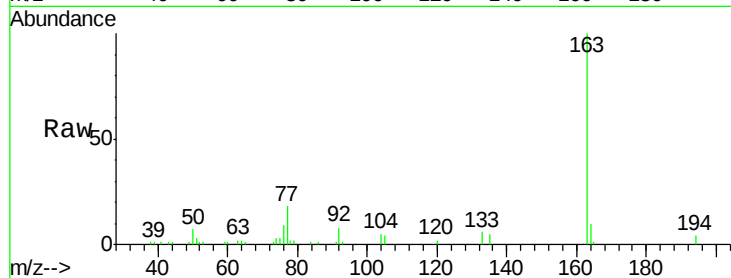
Tgt Ion:165 Resp: 409

Ion Ratio Lower Upper

165 100

63 131.2 32.3 48.5#

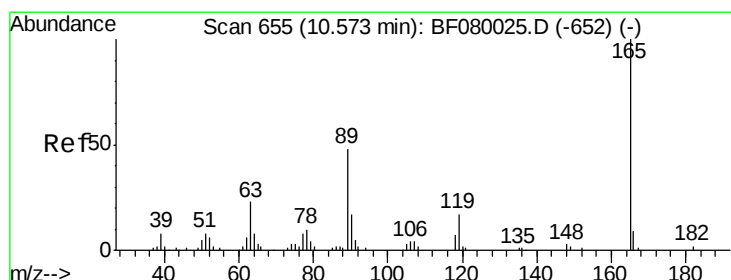
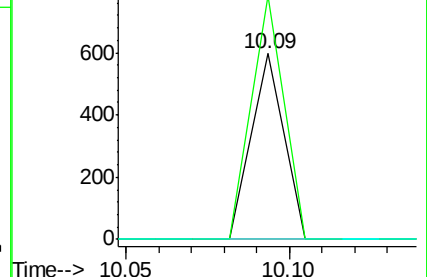
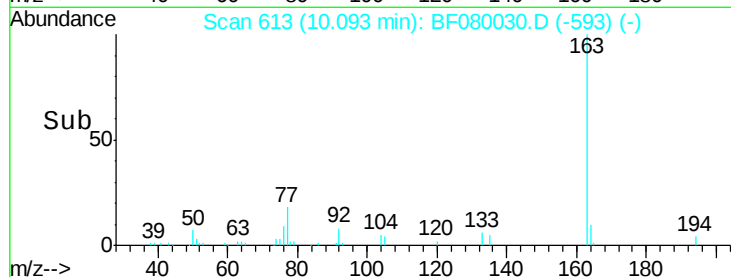
89 0.0 28.6 43.0#



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: 6.87 ng

RT: 10.40 min Scan# 640

Delta R.T. -0.17 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Tgt Ion:165 Resp: 7591

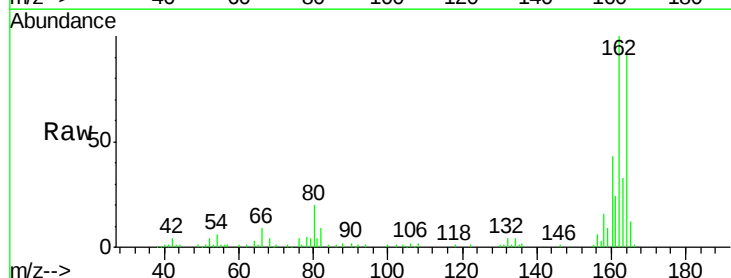
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

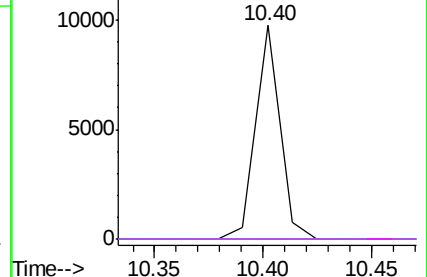
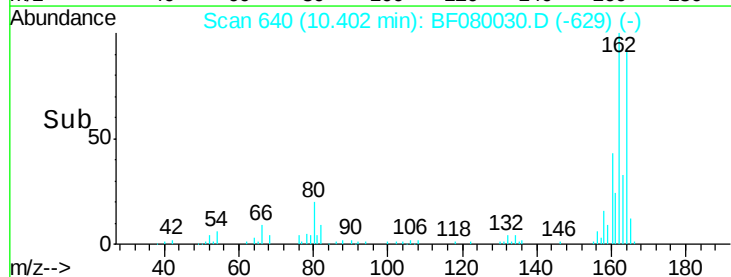


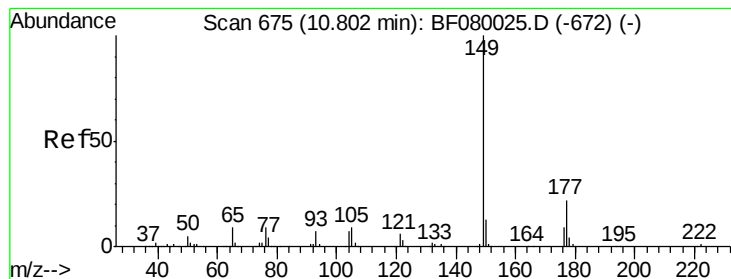
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 0.82 ng

RT: 10.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

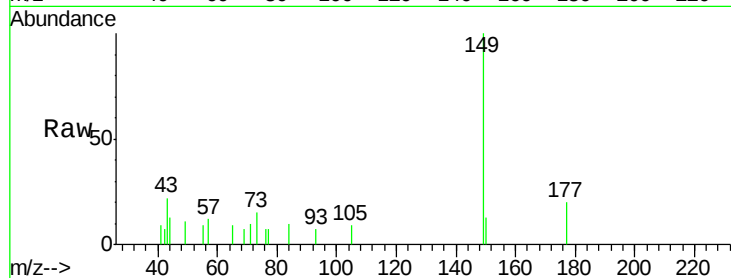
Tgt Ion: 149 Resp: 3571

Ion Ratio Lower Upper

149 100

177 20.0 17.5 26.3

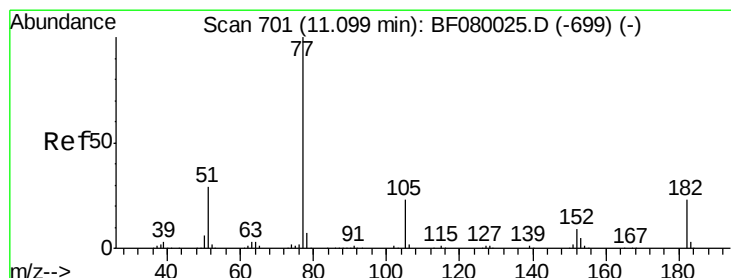
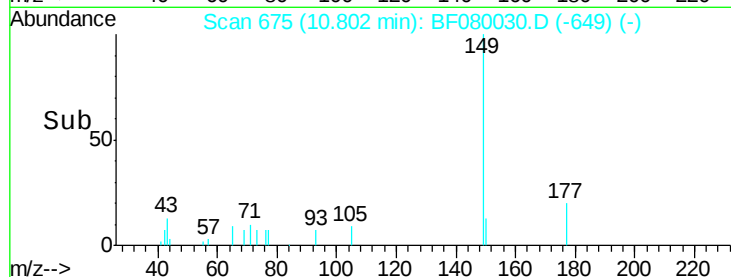
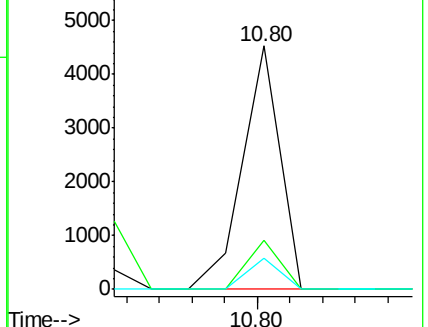
150 12.9 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.05 ng

RT: 11.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Tgt Ion: 77 Resp: 217

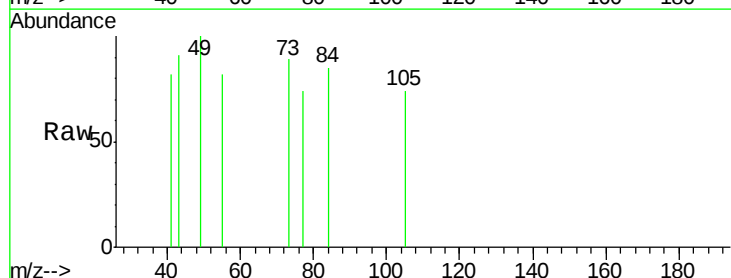
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 99.1 3.4 43.4#

51 0.0 12.0 52.0#

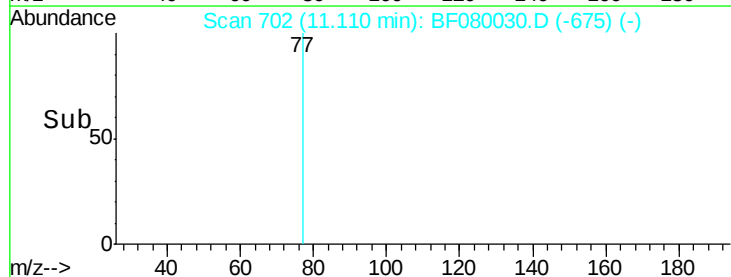
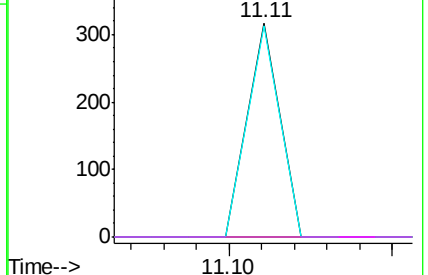


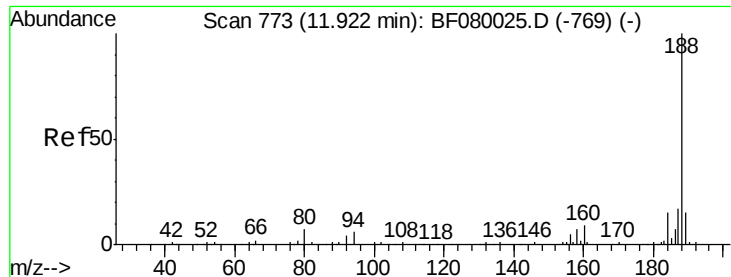
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

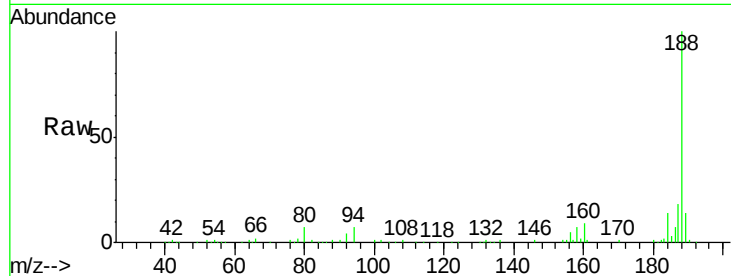




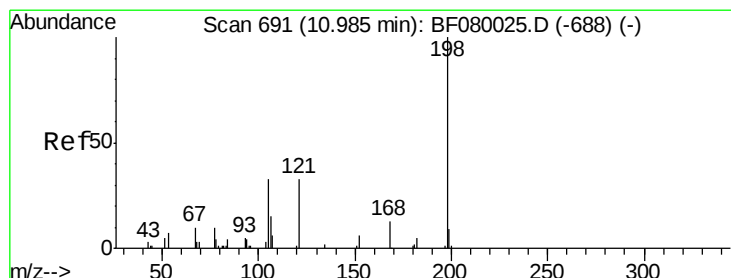
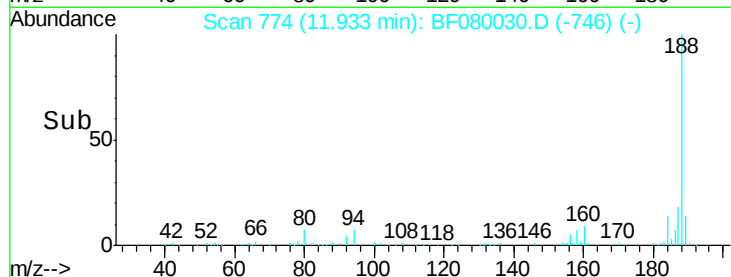
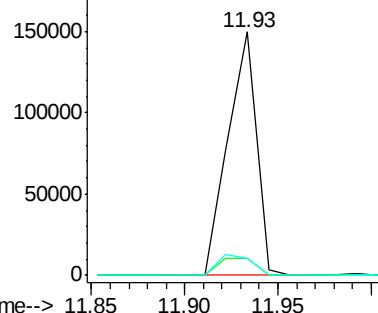
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.93 min Scan# 774
Delta R.T. 0.02 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Instrument :
BNA_F
ClientSampleId :
GW-2RE

Tgt Ion:188 Resp: 158048
Ion Ratio Lower Upper
188 100
94 6.9 11.1 16.7#
80 6.9 11.0 16.4#

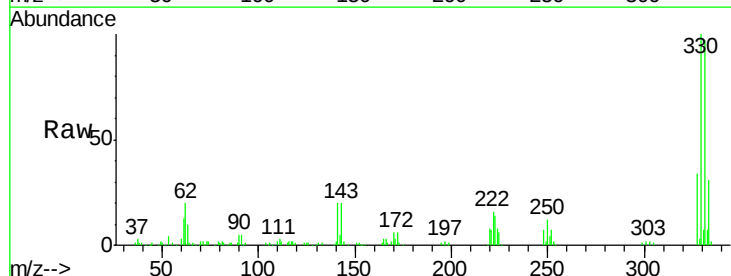


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

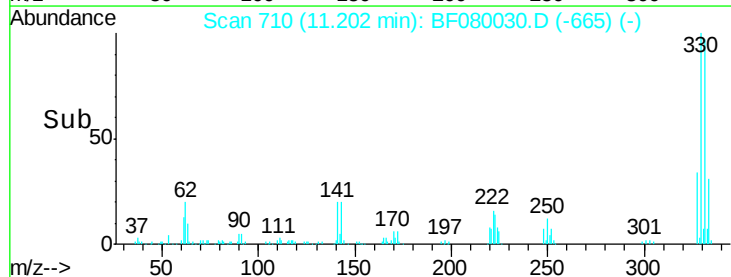
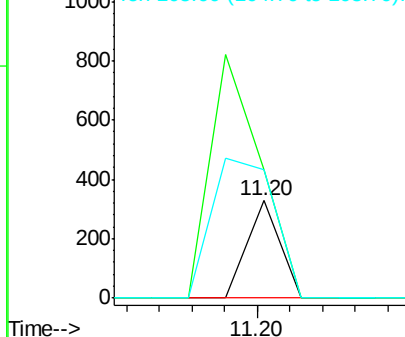


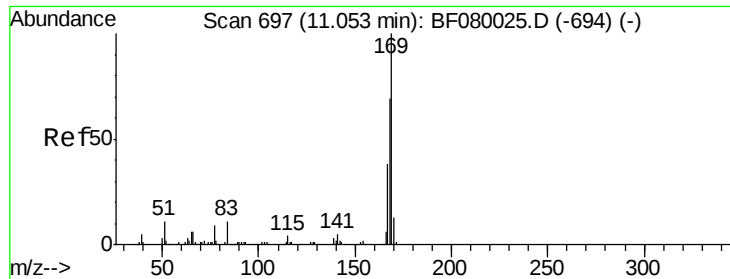
#64
4,6-Dinitro-2-methylphenol
Concen: 3.83 ng
RT: 11.20 min Scan# 710
Delta R.T. 0.22 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion:198 Resp: 224
Ion Ratio Lower Upper
198 100
51 132.4 39.6 79.6#
105 132.1 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





#65

n-Nitrosodiphenylamine

Concen: 0.63 ng

RT: 11.20 min Scan# 710

Delta R.T. 0.15 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

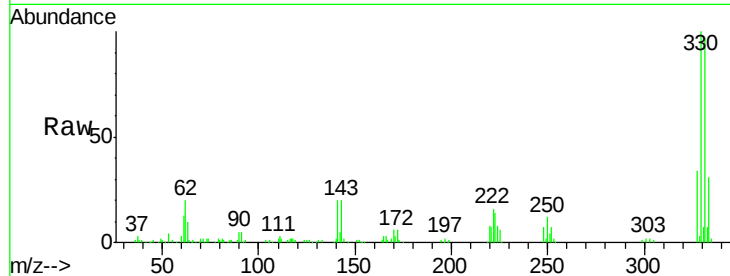
Tgt Ion:169 Resp: 3218

Ion Ratio Lower Upper

169 100

168 0.0 48.9 73.3#

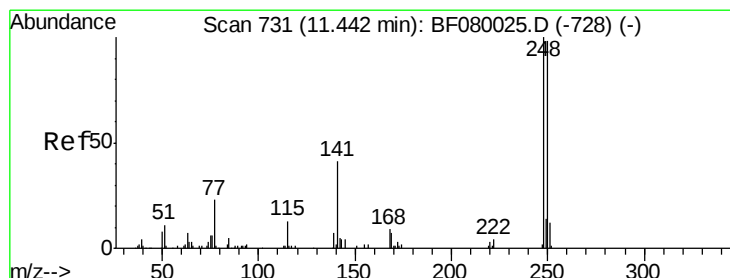
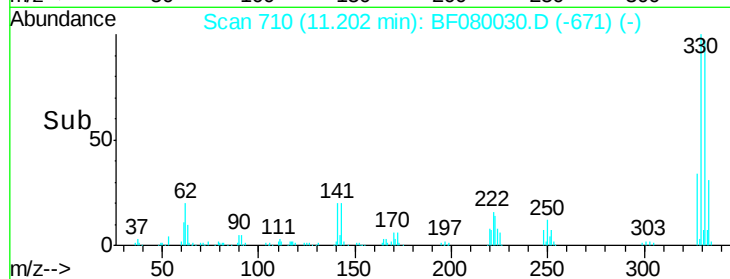
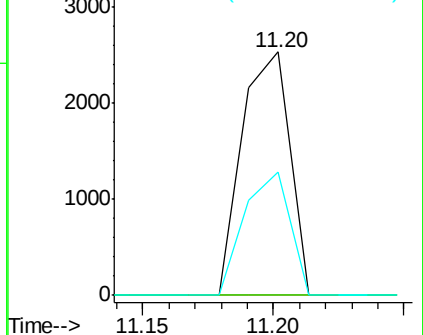
167 50.6 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.41 ng

RT: 11.20 min Scan# 710

Delta R.T. -0.23 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

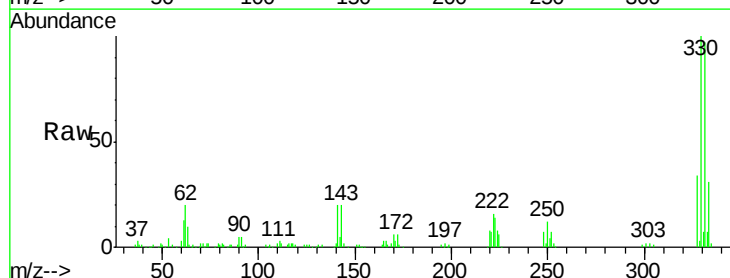
Tgt Ion:248 Resp: 7408

Ion Ratio Lower Upper

248 100

250 187.4 78.5 117.7#

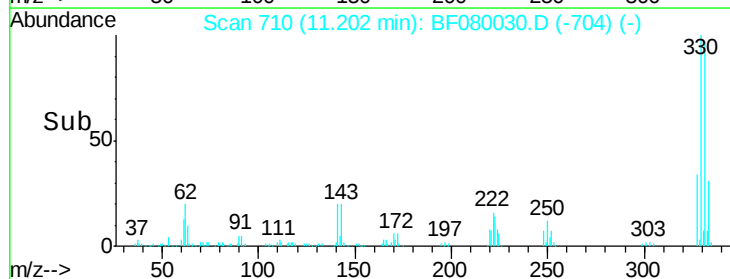
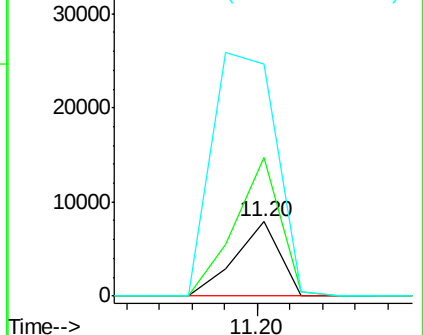
141 312.1 59.0 88.6#

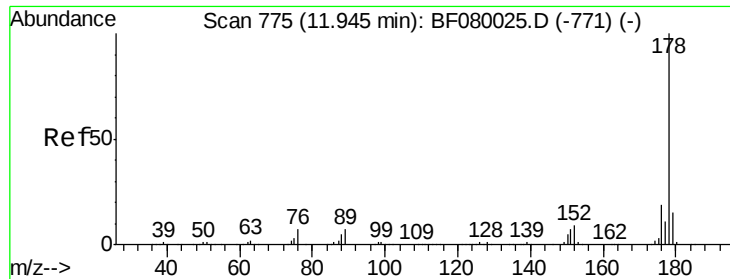


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

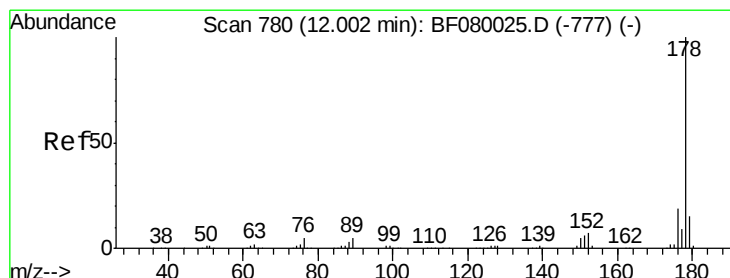
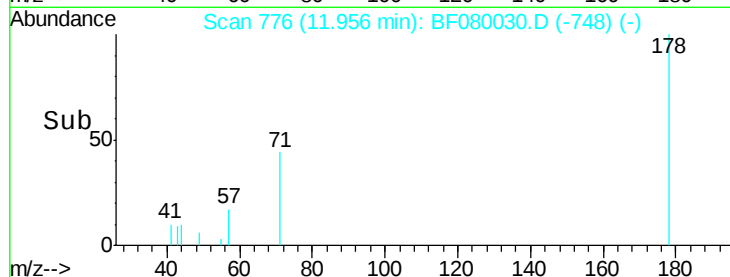
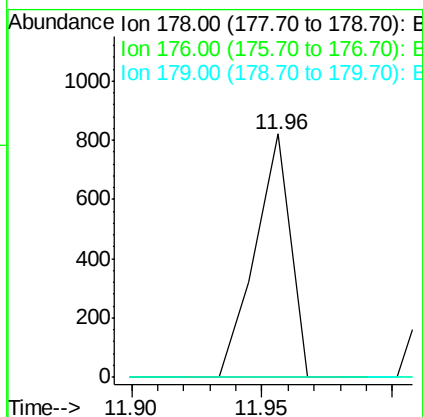
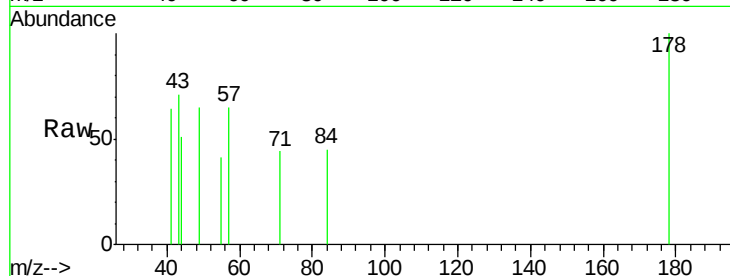




#70
 Phenanthrene
 Concen: 0.08 ng
 RT: 11.96 min Scan# 776
 Delta R.T. 0.02 min
 Lab File: BF080030.D
 Acq: 17 Jun 2015 18:08

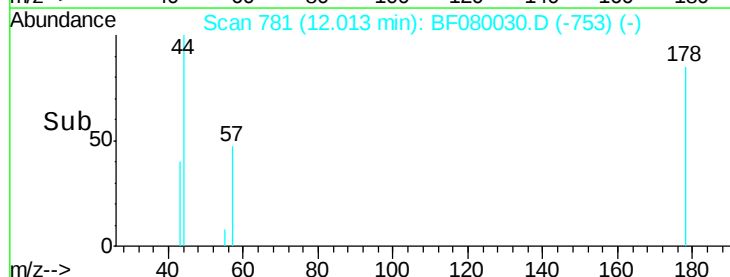
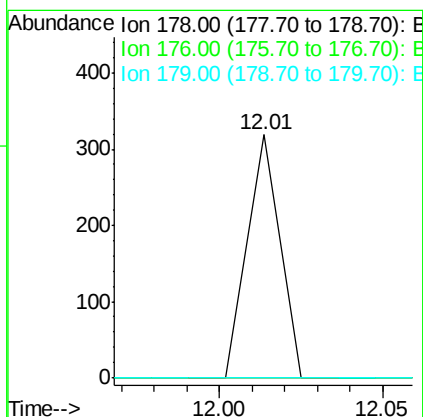
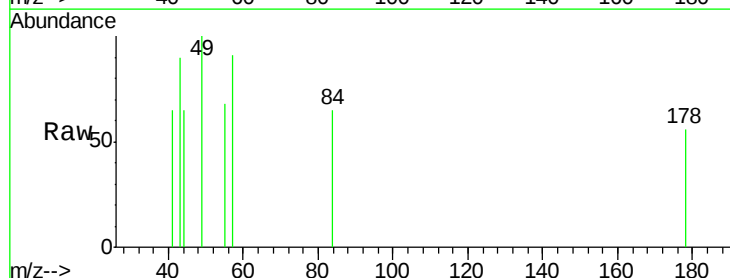
Instrument :
 BNA_F
 ClientSampleId :
 GW-2RE

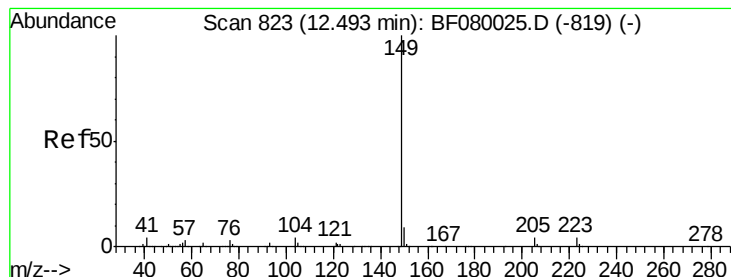
Tgt Ion:178 Resp: 782
 Ion Ratio Lower Upper
 178 100
 176 0.0 13.8 20.8#
 179 0.0 12.2 18.2#



#71
 Anthracene
 Concen: 0.02 ng
 RT: 12.01 min Scan# 781
 Delta R.T. 0.02 min
 Lab File: BF080030.D
 Acq: 17 Jun 2015 18:08

Tgt Ion:178 Resp: 219
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.1 21.1#
 179 0.0 12.2 18.2#





#73

Di-n-butylphthalate

Concen: 0.44 ng

RT: 12.52 min Scan# 825

Delta R.T. 0.06 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

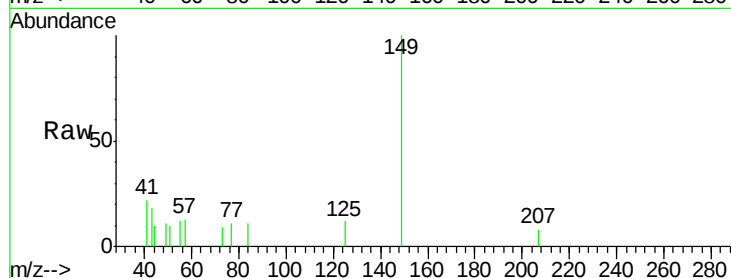
Tgt Ion:149 Resp: 4499

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

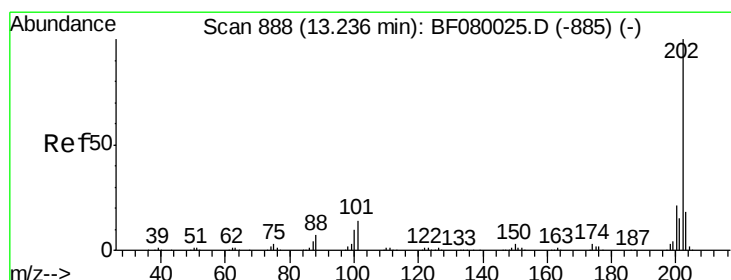
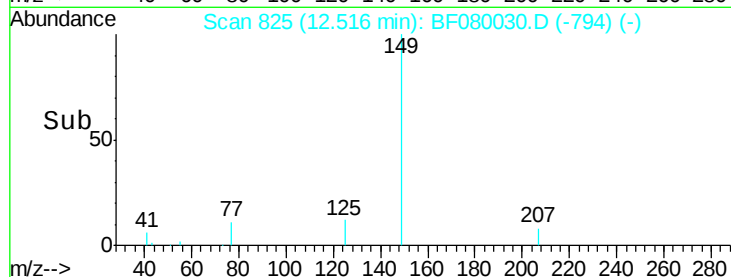
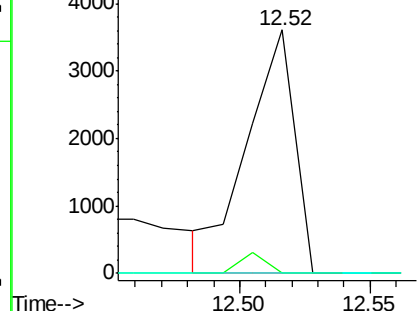
104 0.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.05 ng

RT: 13.27 min Scan# 891

Delta R.T. 0.08 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

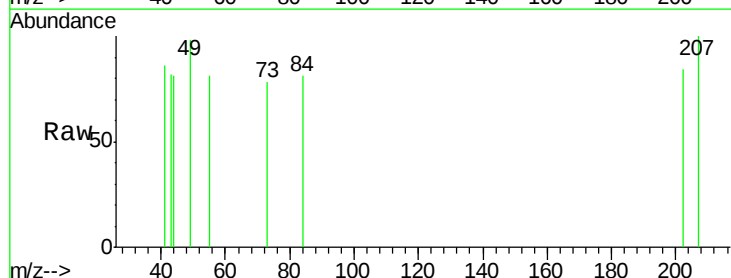
Tgt Ion:202 Resp: 548

Ion Ratio Lower Upper

202 100

101 0.0 0.0 38.3

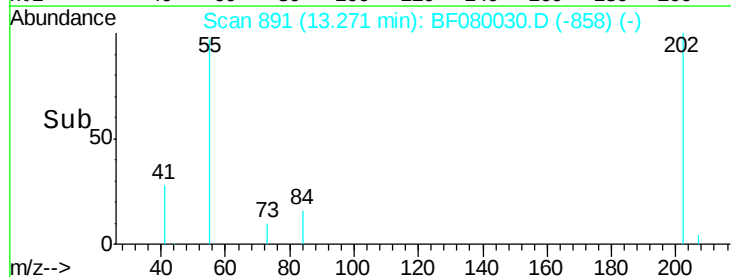
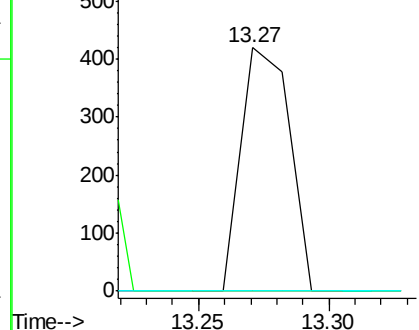
203 0.0 0.0 37.3

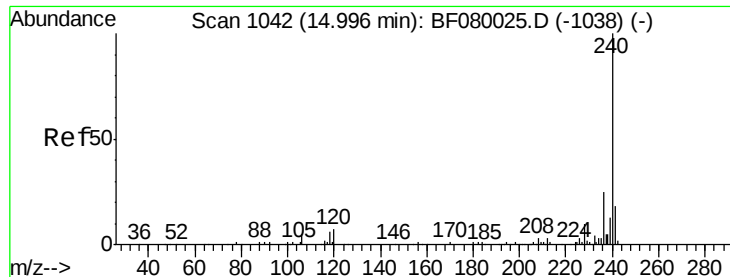


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.08 min Scan# 1049

Delta R.T. 0.22 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

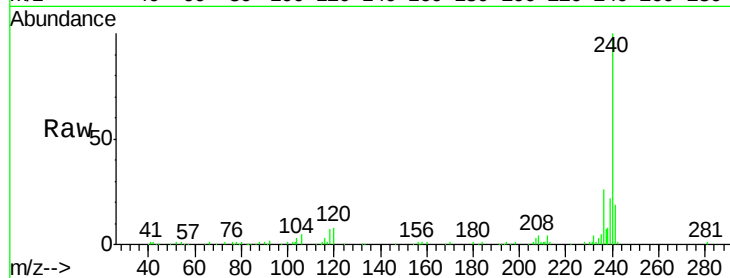
Tgt Ion:240 Resp: 154863

Ion Ratio Lower Upper

240 100

120 8.0 16.2 24.2#

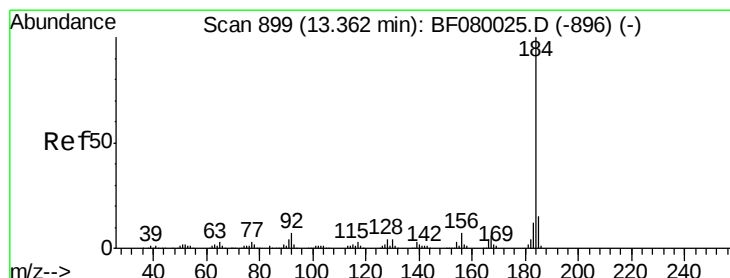
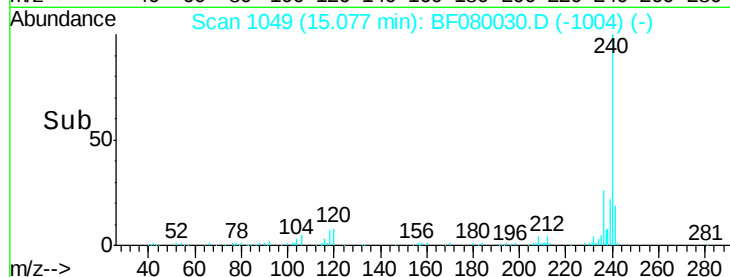
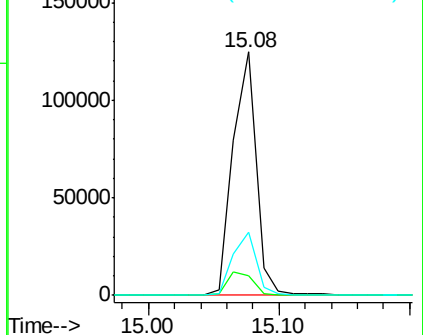
236 26.1 18.4 27.6



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



#76

Benzidine

Concen: 1.56 ng

RT: 13.71 min Scan# 929

Delta R.T. 0.40 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

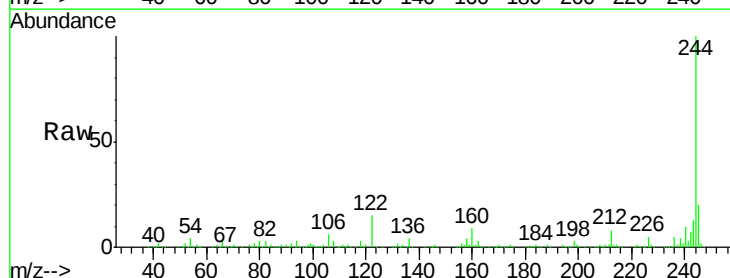
Tgt Ion:184 Resp: 6737

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.6

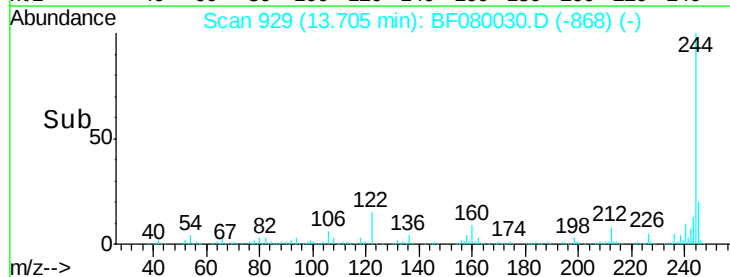
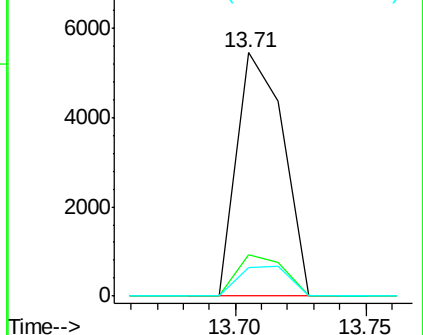
183 11.9 7.6 11.4#

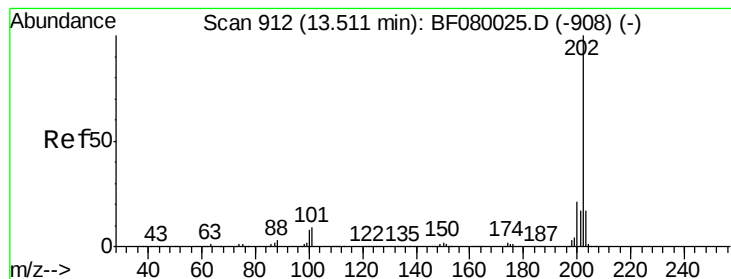


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.17 ng

RT: 13.71 min Scan# 929

Delta R.T. 0.26 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

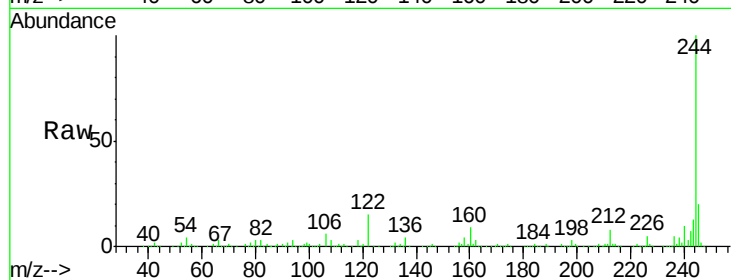
Tgt Ion:202 Resp: 1604

Ion Ratio Lower Upper

202 100

200 45.2 15.0 22.4#

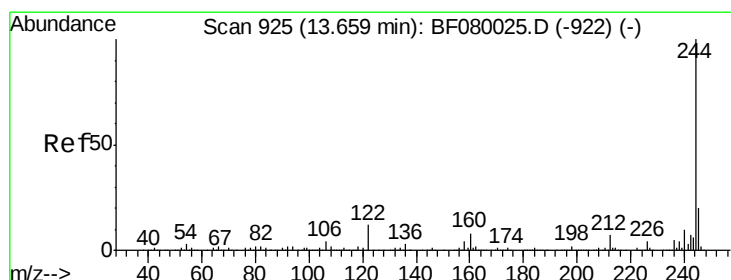
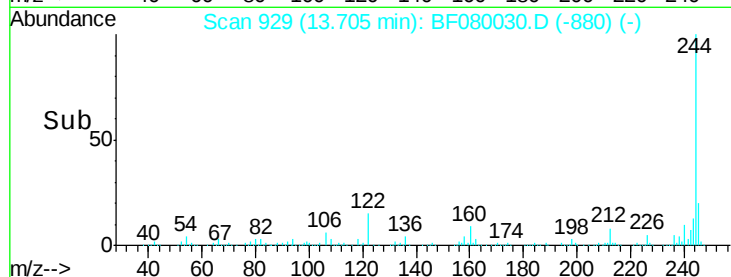
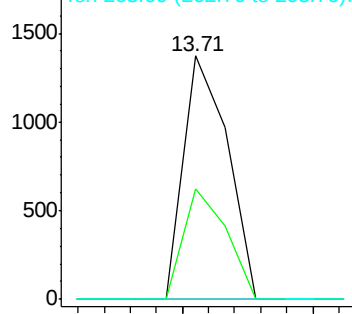
203 0.0 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.85 ng

RT: 13.72 min Scan# 930

Delta R.T. 0.13 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

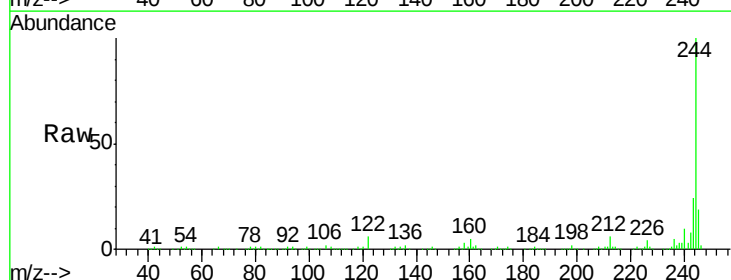
Tgt Ion:244 Resp: 542720

Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

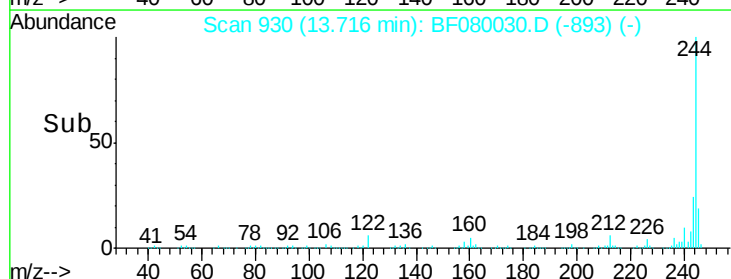
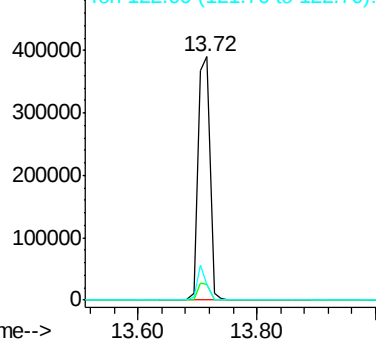
122 6.5 17.4 26.2#

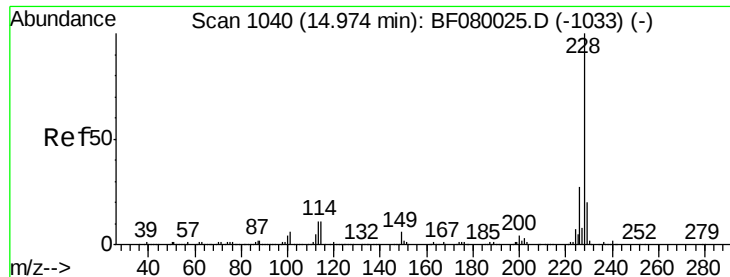


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.32 ng

RT: 15.04 min Scan# 1046

Delta R.T. 0.19 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

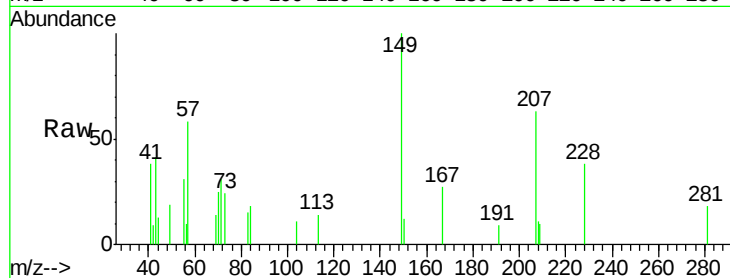
Tgt Ion: 228 Resp: 3018

Ion Ratio Lower Upper

228 100

226 0.0 20.0 30.0#

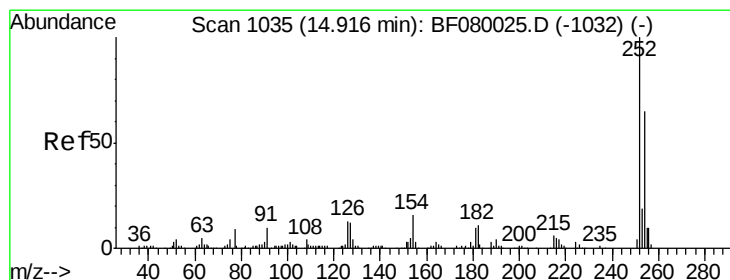
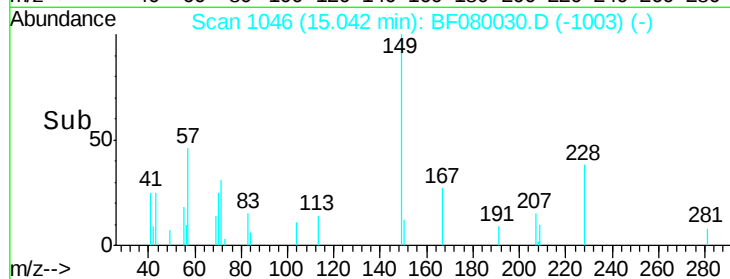
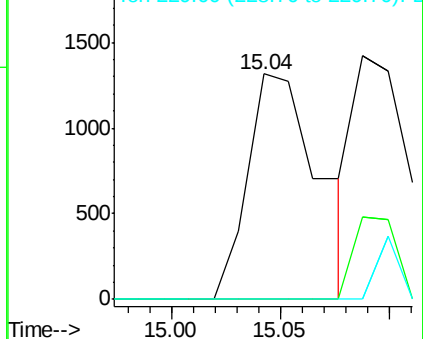
229 0.0 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.10 ng

RT: 15.00 min Scan# 1042

Delta R.T. 0.21 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

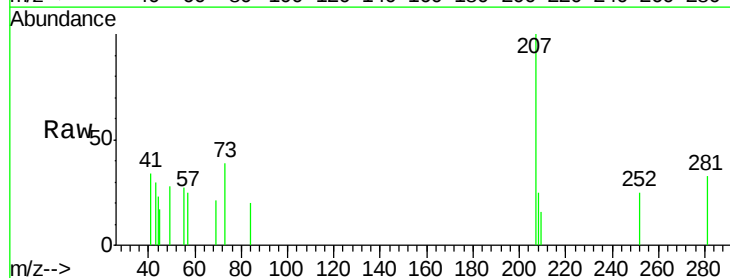
Tgt Ion: 252 Resp: 338

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

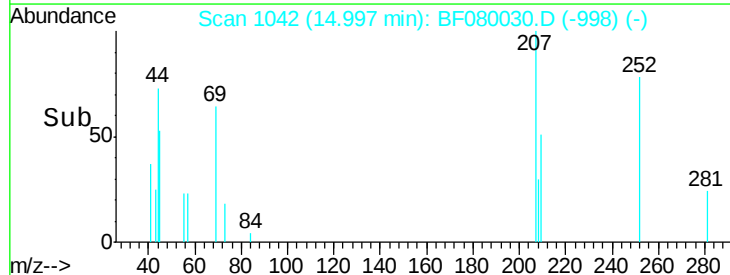
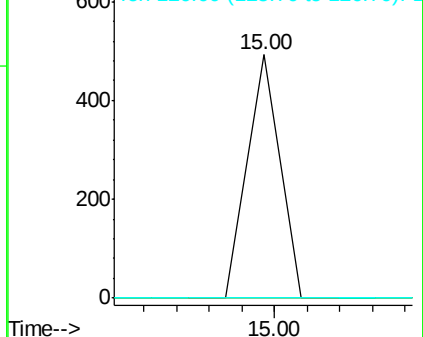
126 0.0 16.4 24.6#

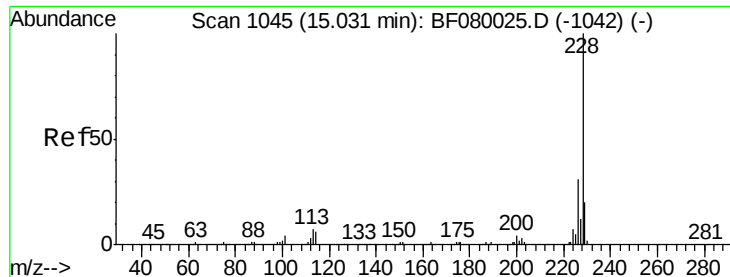


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.27 ng

RT: 15.09 min Scan# 1050

Delta R.T. 0.19 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

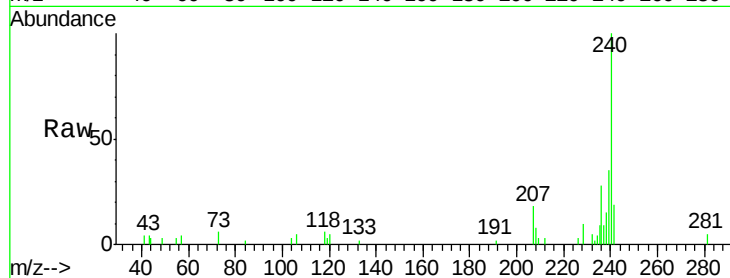
Tgt Ion:228 Resp: 2356

Ion Ratio Lower Upper

228 100

226 33.7 21.0 31.4#

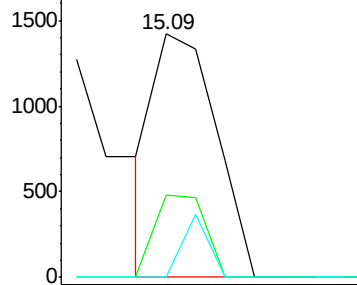
229 0.0 15.6 23.4#



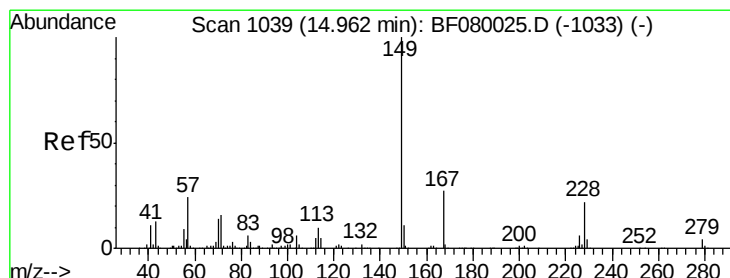
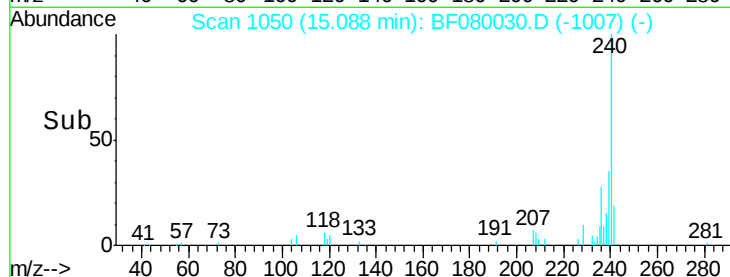
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 15.05 15.10 15.15



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.08 ng

RT: 15.05 min Scan# 1047

Delta R.T. 0.23 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

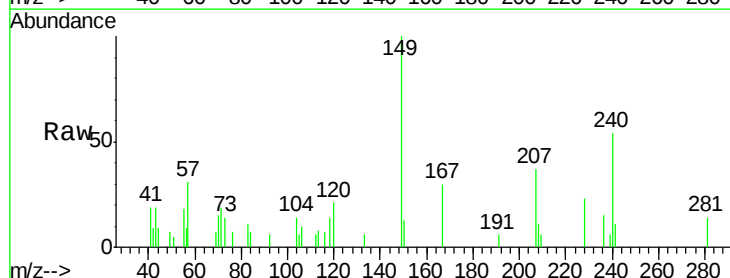
Tgt Ion:149 Resp: 6517

Ion Ratio Lower Upper

149 100

167 30.0 24.2 36.2

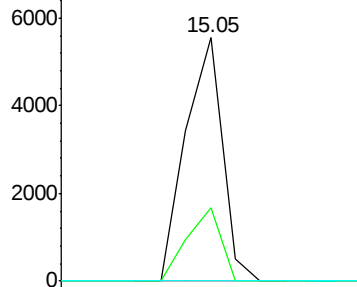
279 0.0 3.8 5.6#



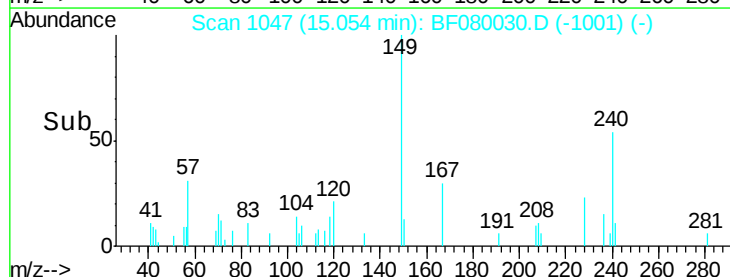
Abundance Ion 149.00 (148.70 to 149.70): E

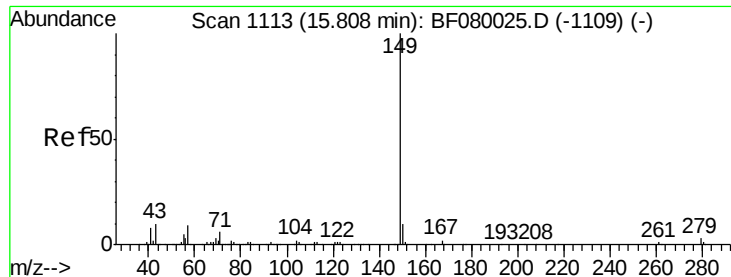
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 15.00 15.05 15.10





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 15.92 min Scan# 1123

Delta R.T. 0.29 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

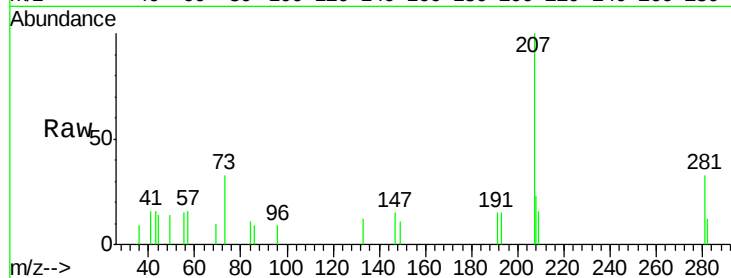
Tgt Ion:149 Resp: 255

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

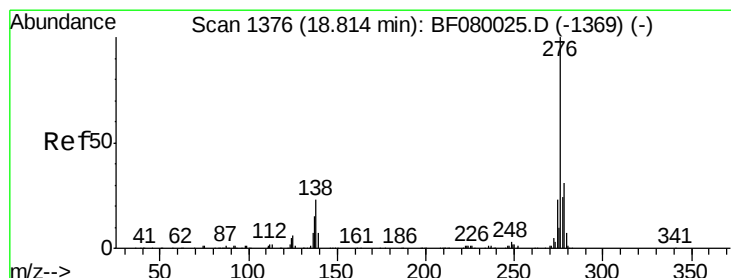
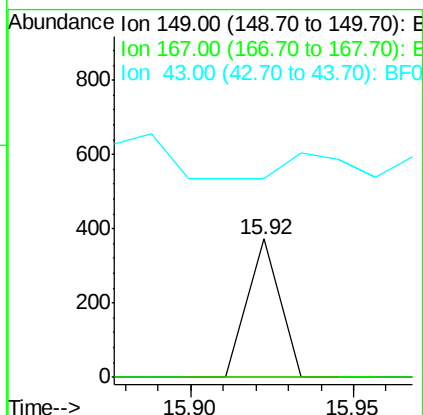
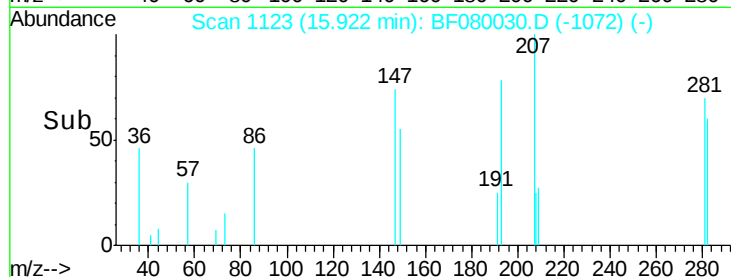
43 33.7 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.15 ng

RT: 18.94 min Scan# 1387

Delta R.T. 0.32 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

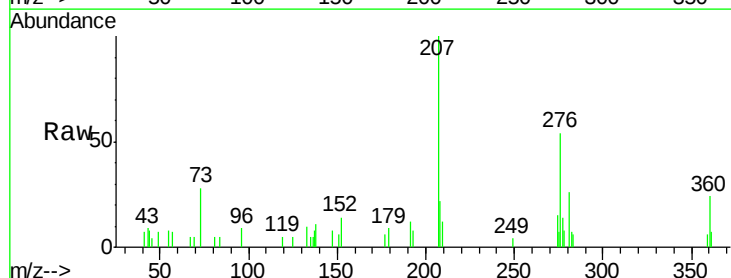
Tgt Ion:276 Resp: 12596

Ion Ratio Lower Upper

276 100

138 20.7 25.7 38.5#

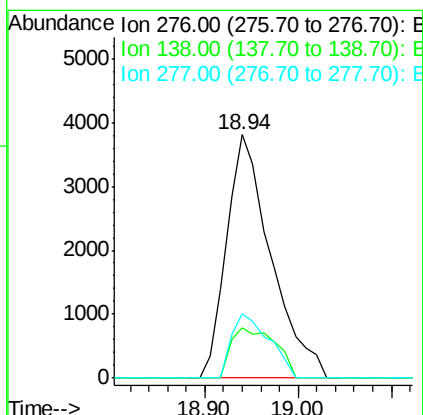
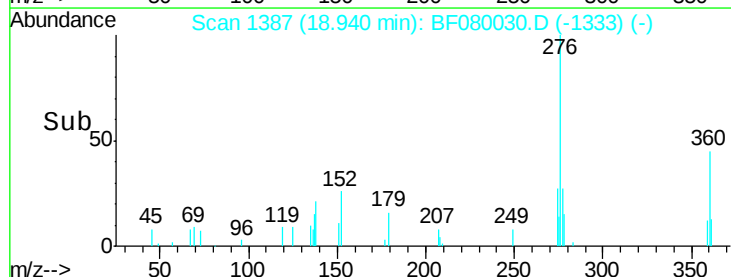
277 22.4 15.6 23.4

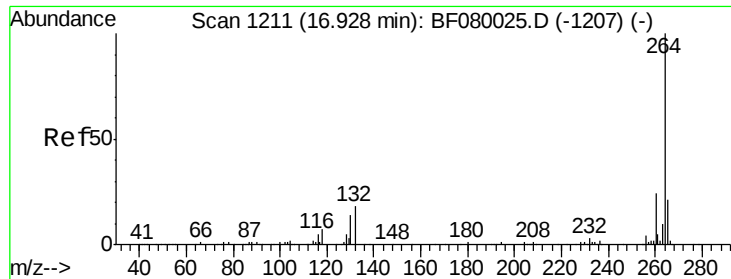


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

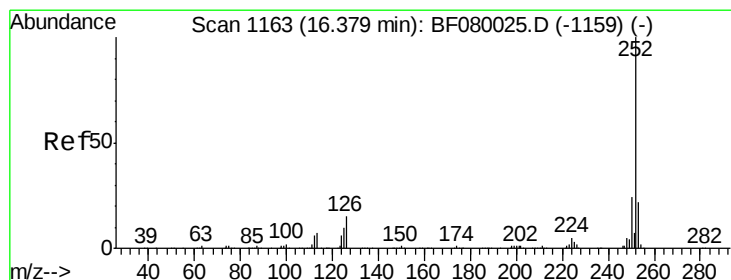
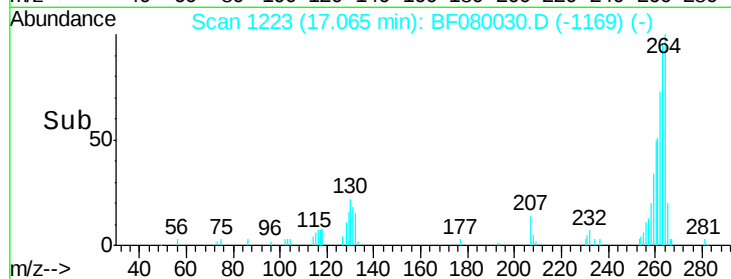
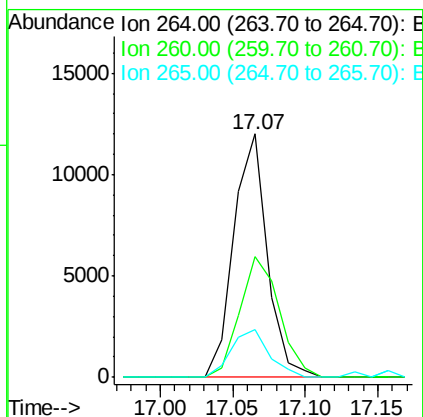
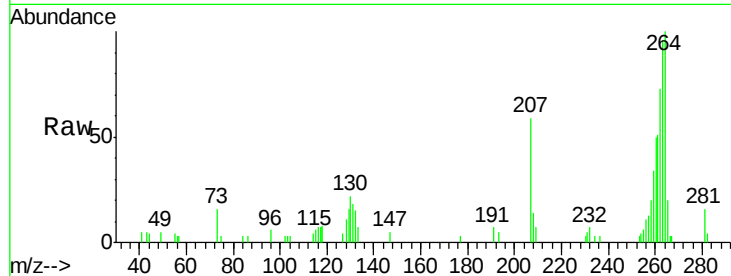




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.07 min Scan# 1223
Delta R.T. 0.32 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

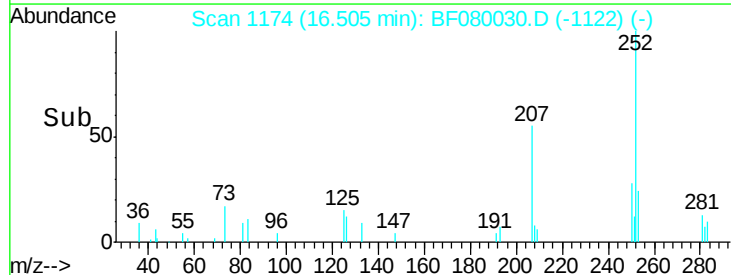
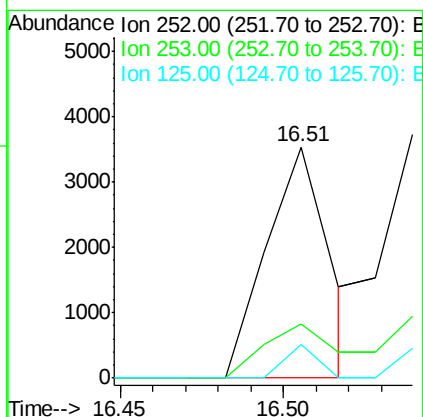
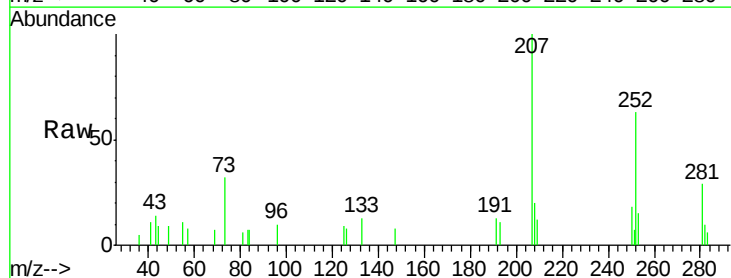
Instrument :
BNA_F
ClientSampleId :
GW-2RE

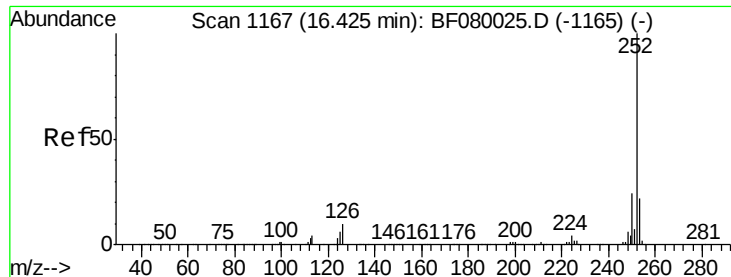
Tgt Ion: 264 Resp: 19253
Ion Ratio Lower Upper
264 100
260 49.7 16.7 25.1#
265 19.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 4.04 ng
RT: 16.51 min Scan# 1174
Delta R.T. 0.30 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion: 252 Resp: 4707
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 14.5 17.1 25.7#

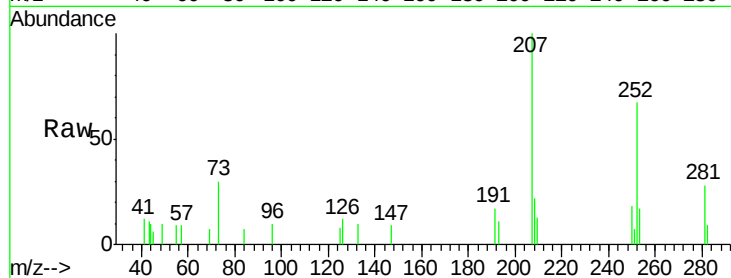




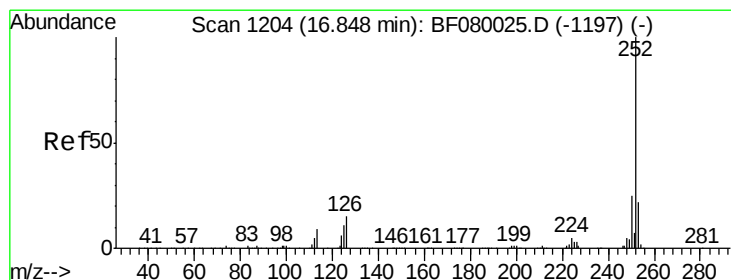
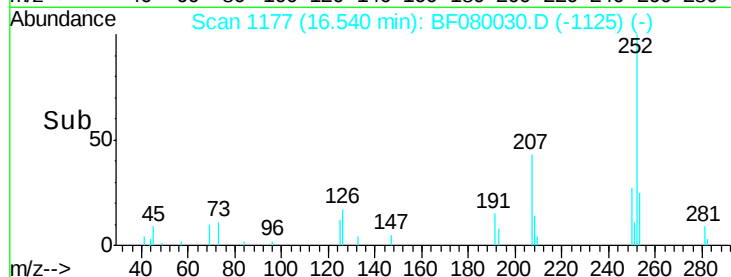
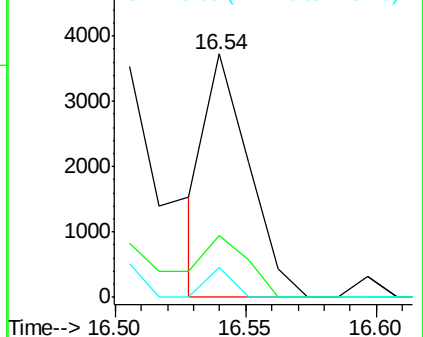
#88
Benzo(k)fluoranthene
Concen: 3.60 ng
RT: 16.54 min Scan# 1177
Delta R.T. 0.30 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Instrument :
BNA_F
ClientSampleID :
GW-2RE

Tgt Ion:252 Resp: 4272
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.4
125 12.0 16.0 24.0#

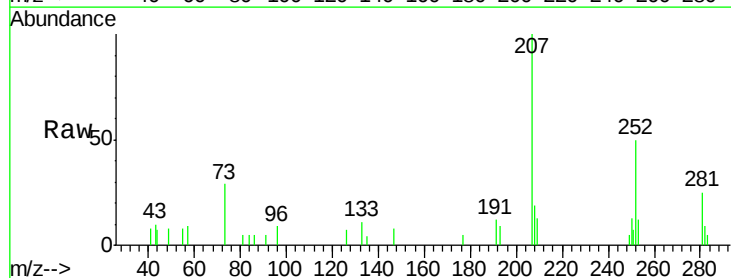


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

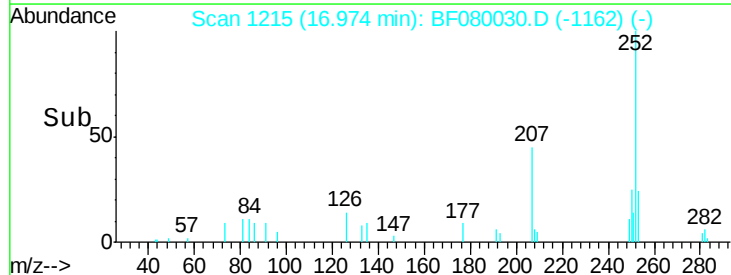
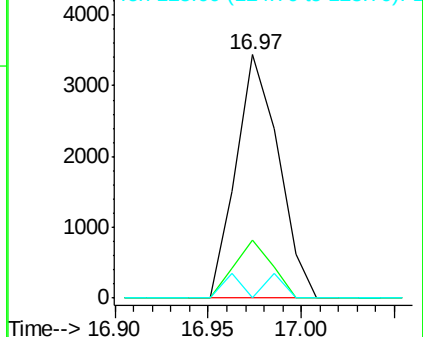


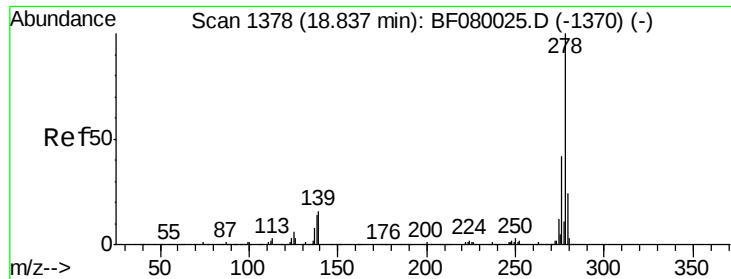
#89
Benzo(a)pyrene
Concen: 4.93 ng
RT: 16.97 min Scan# 1215
Delta R.T. 0.31 min
Lab File: BF080030.D
Acq: 17 Jun 2015 18:08

Tgt Ion:252 Resp: 5459
Ion Ratio Lower Upper
252 100
253 23.7 17.2 25.8
125 0.0 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 9.44 ng

RT: 18.97 min Scan# 1390

Delta R.T. 0.33 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

Instrument :

BNA_F

ClientSampleId :

GW-2RE

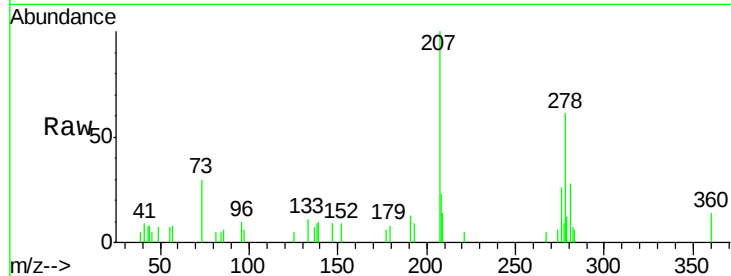
Tgt Ion:278 Resp: 10697

Ion Ratio Lower Upper

278 100

139 16.5 26.3 39.5#

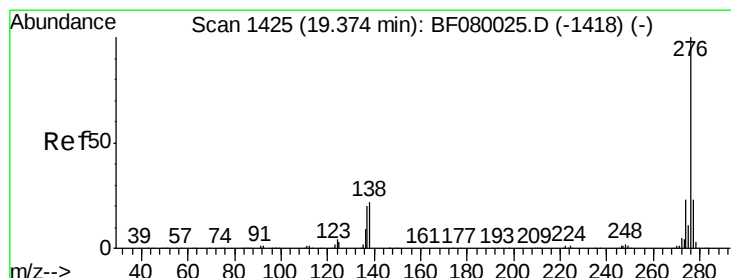
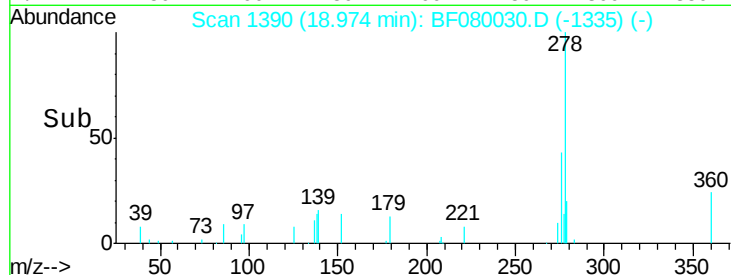
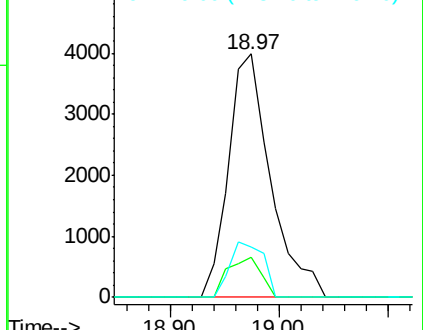
279 20.4 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 7.97 ng

RT: 19.50 min Scan# 1436

Delta R.T. 0.32 min

Lab File: BF080030.D

Acq: 17 Jun 2015 18:08

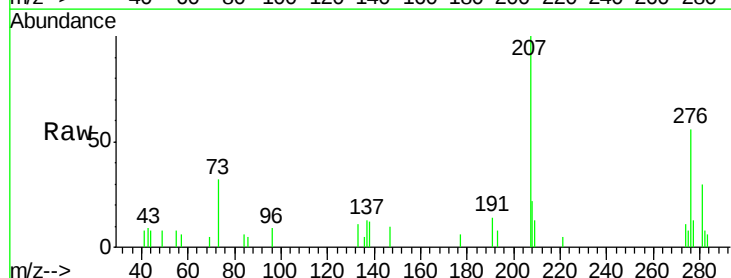
Tgt Ion:276 Resp: 9117

Ion Ratio Lower Upper

276 100

277 23.2 17.8 26.6

138 20.7 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

