

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022434.D
 Acq On : 18 Jun 2016 21:58
 Operator : UM/SJ
 Sample : H3471-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-1065-(0-4)

Quant Time: Jun 20 01:25:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	96219	20.00	ng	0.27
21) Naphthalene-d8	11.28	136	249	20.00	ng	0.37
38) Acenaphthene-d10	15.29	164	66	20.00	ng	0.57
63) Phenanthrene-d10	18.30	188	4091	20.00	ng	0.83
75) Chrysene-d12	22.75	240	20603	20.00	ng	1.01
86) Perylene-d12	26.13	264	2789	20.00	ng	1.12

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	271646	54.59	ng	-0.03
7) Phenol-d6	7.23	99	410282	52.44	ng	-0.02
23) Nitrobenzene-d5	9.54	82	233	65.24	ng	0.28
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.86	172	284	65.58	ng	0.51
78) Terphenyl-d14	20.98	244	6209	7.15	ng	0.92

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	26561	5.01	ng	# 55
22) Acetophenone	9.39	105	62	11.55	ng	# 47
25) Isophorone	10.16	82	425	50.86	ng	# 67
27) 2,4-Dimethylphenol	10.37	122	60	17.02	ng	# 1
31) Naphthalene	11.38	128	59	4.75	ng	# 71
32) Benzoic acid	10.37	122	60	49.01	ng	# 1
36) 4-Chloro-3-methylphenol	12.37	107	55	14.21	ng	# 1
37) 2-Methylnaphthalene	12.73	142	9212	1003.97	ng	95
45) 1,1'-Biphenyl	14.05	154	167	33.62	ng	# 1
46) 2-Chloronaphthalene	13.86	162	80	21.01	ng	# 36
47) 2-Nitroaniline	14.24	65	55	60.58	ng	# 9
48) Acenaphthylene	14.98	152	1606	240.40	ng	# 1
49) Dimethylphthalate	14.68	163	27899	5098.20	ng	# 1
50) 2,6-Dinitrotoluene	14.99	165	527	443.00	ng	# 22
51) Acenaphthene	15.34	154	726	181.39	ng	# 1
52) 3-Nitroaniline	15.08	138	264	200.08	ng	# 1
53) 2,4-Dinitrophenol	15.44	184	120	224.21	ng	# 1
54) Dibenzofuran	15.72	168	545	87.25	ng	# 1
55) 4-Nitrophenol	15.55	139	276	303.09	ng	# 38
56) 2,4-Dinitrotoluene	15.67	165	2433	1524.69	ng	# 28
57) Fluorene	16.37	166	280	52.04	ng	# 4
59) Diethylphthalate	16.18	149	56	9.58	ng	# 1
62) Azobenzene	16.66	77	176	39.76	ng	# 49
64) 4,6-Dinitro-2-methylphenol	16.60	198	57	7.91	ng	# 30
65) n-Nitrosodiphenylamine	16.72	169	2044	17.34	ng	# 51
68) Atrazine	17.93	200	2241	51.37	ng	# 36
70) Phenanthrene	18.33	178	1290	5.81	ng	# 1
71) Anthracene	18.42	178	1014	4.60	ng	# 1
73) Di-n-butylphthalate	19.36	149	3989	14.62	ng	# 1
74) Fluoranthene	20.46	202	17100	66.94	ng	# 17
79) Butylbenzylphthalate	21.68	149	4062	6.84	ng	# 56
81) 3,3'-Dichlorobenzidine	22.59	252	11183	34.48	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.86	276	326131	258.58	ng	# 88
87) Benzo(b)fluoranthene	25.03	252	161991	995.89	ng	# 83

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QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

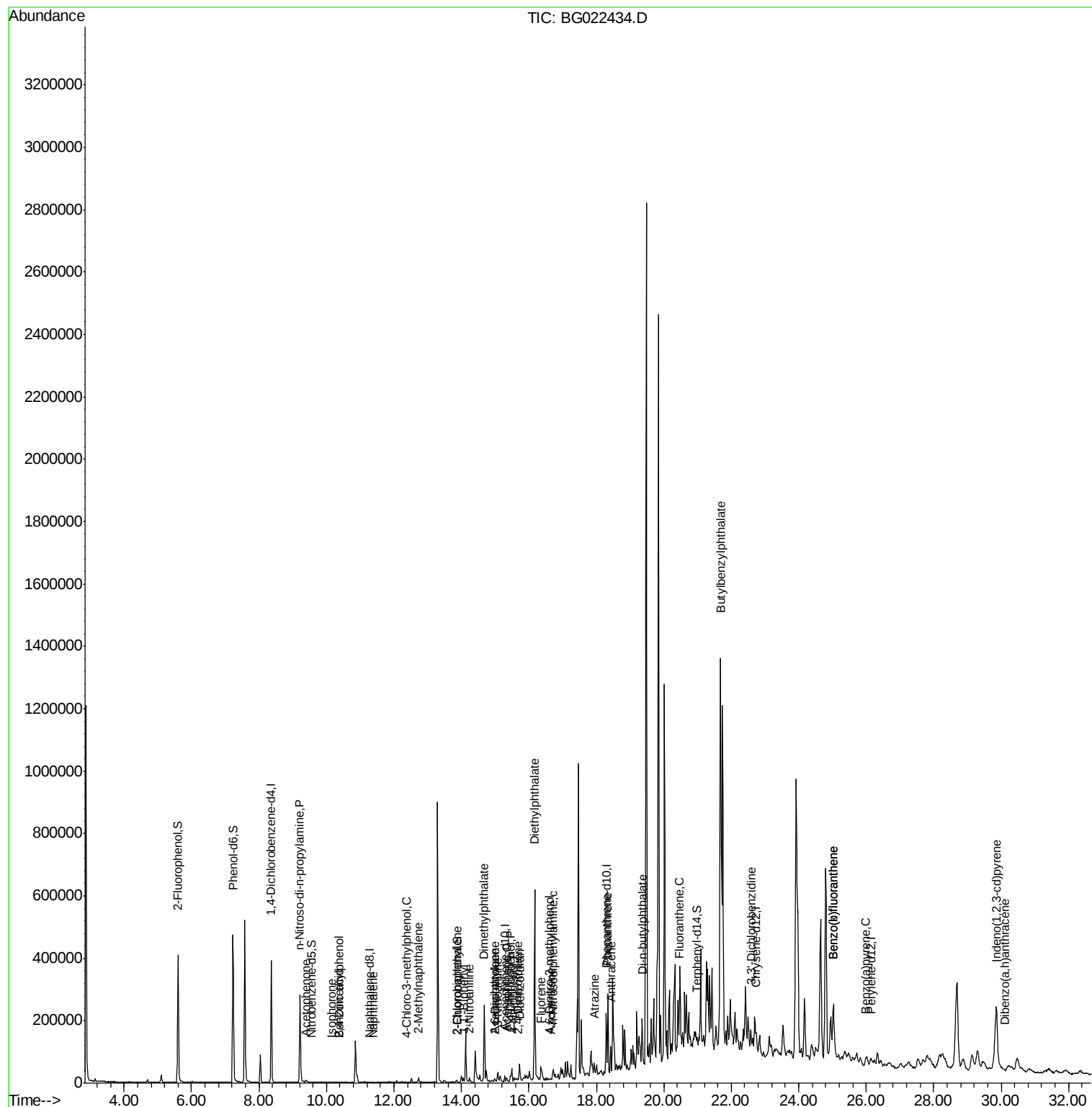
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	25.03	252	161991	1011.65	ng	# 83
89) Benzo(a)pyrene	25.98	252	338	2.17	ng	# 18
90) Dibenzo(a,h)anthracene	30.13	278	352	2.40	ng	# 22

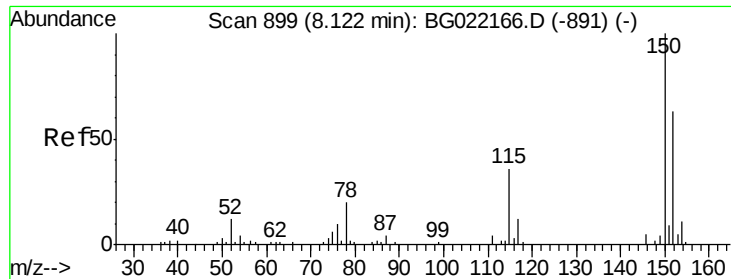
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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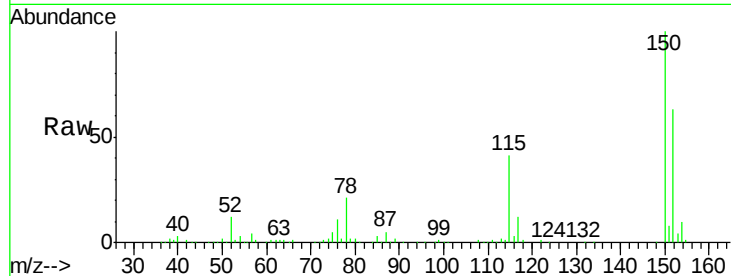


#1

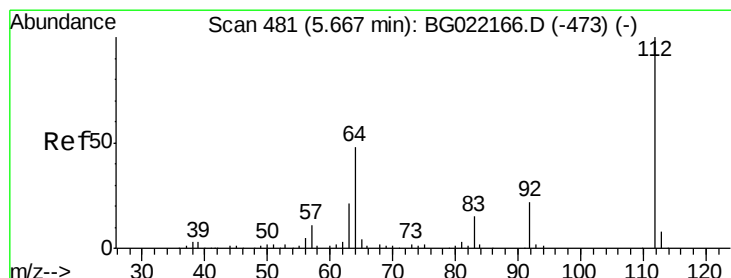
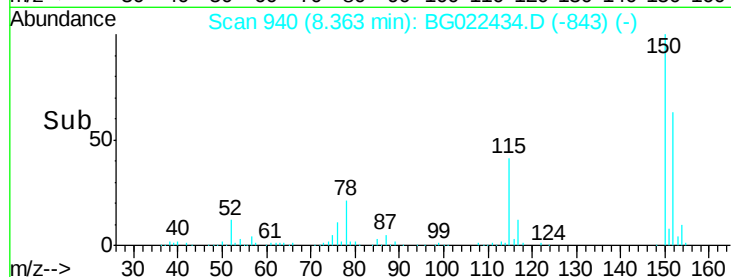
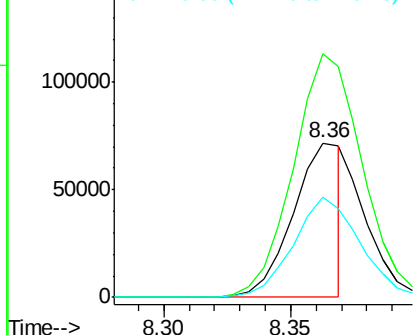
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.36 min Scan# 940
Delta R.T. 0.27 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

Tgt Ion:152 Resp: 96219
Ion Ratio Lower Upper
152 100
150 158.1 130.1 195.1
115 64.8 62.2 93.2



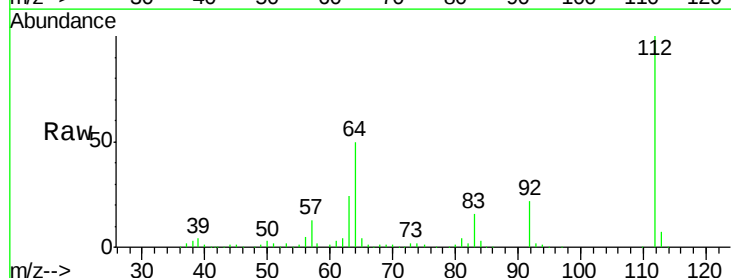
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



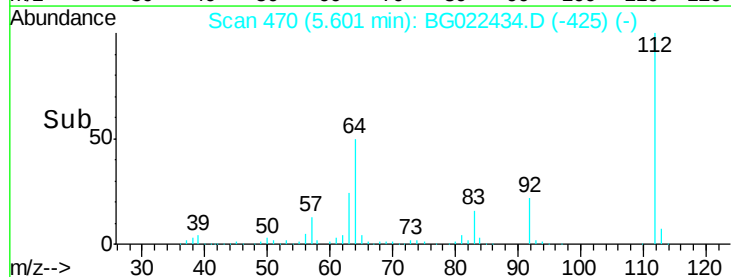
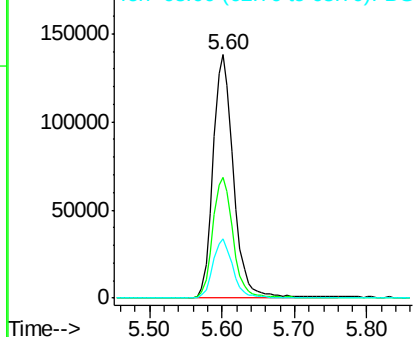
#5

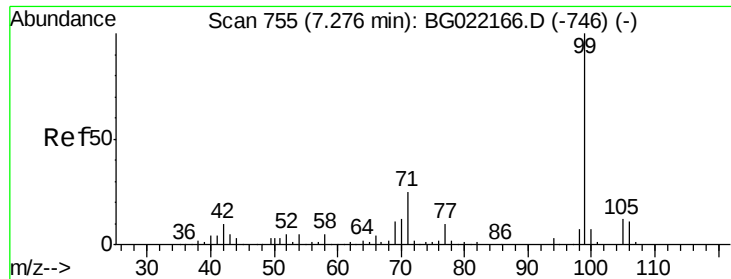
2-Fluorophenol
Concen: 54.59 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.03 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:112 Resp: 271646
Ion Ratio Lower Upper
112 100
64 49.8 51.1 76.7#
63 24.2 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.44 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampled :

STA-1065-(0-4)

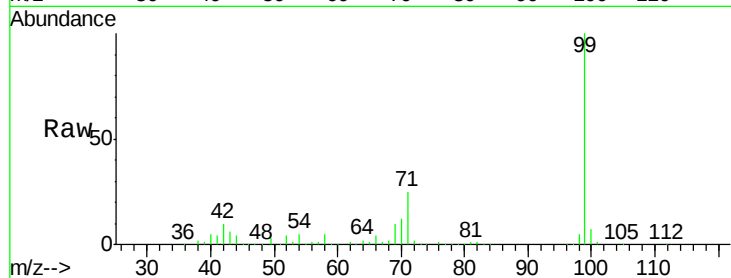
Tgt Ion: 99 Resp: 410282

Ion Ratio Lower Upper

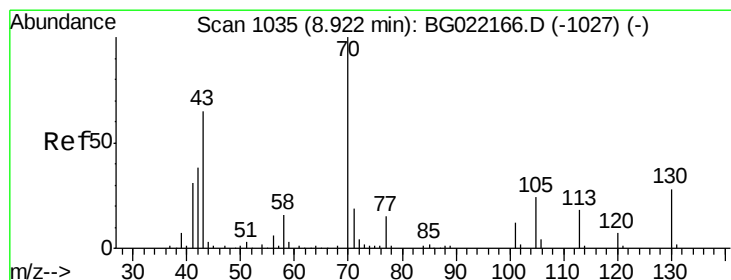
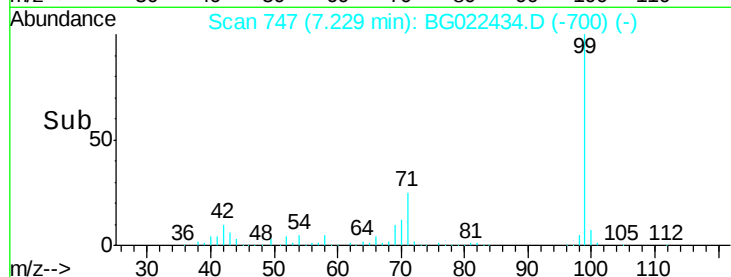
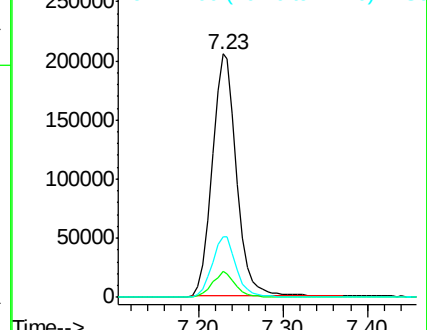
99 100

42 10.5 16.4 24.6#

71 25.1 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 5.01 ng

RT: 9.21 min Scan# 1085

Delta R.T. 0.32 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Tgt Ion: 70 Resp: 26561

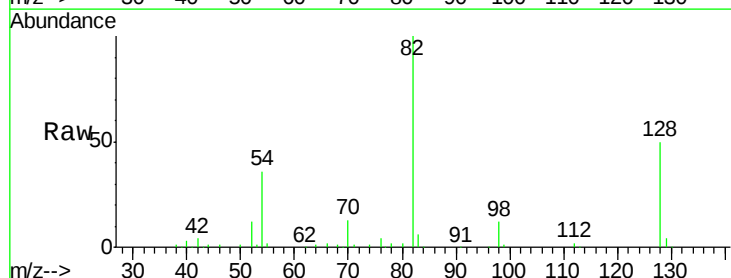
Ion Ratio Lower Upper

70 100

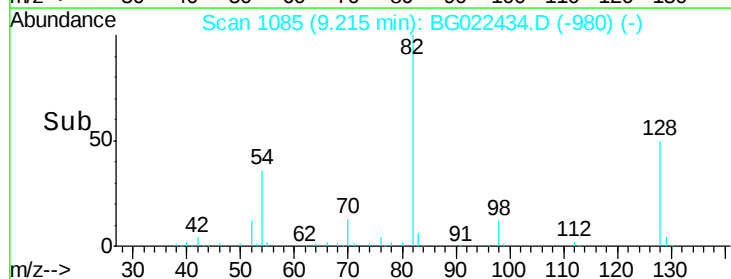
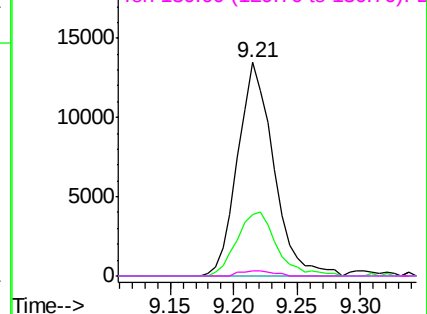
42 28.9 56.7 85.1#

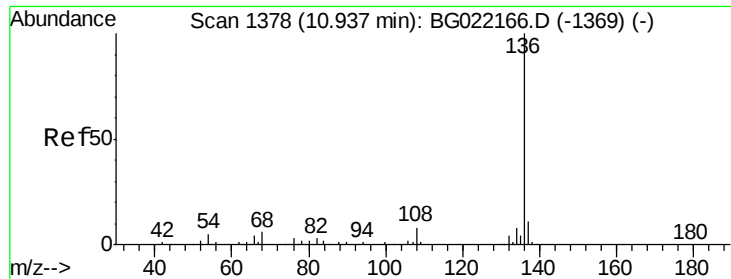
101 0.0 8.2 12.4#

130 2.6 14.0 21.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

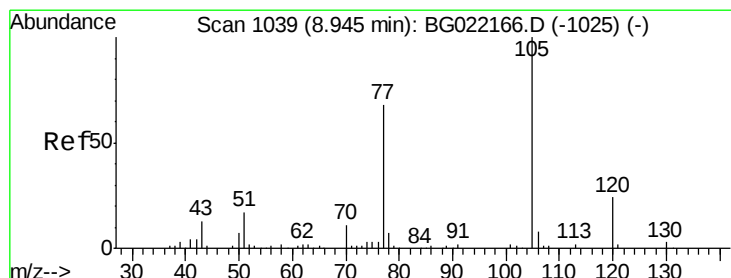
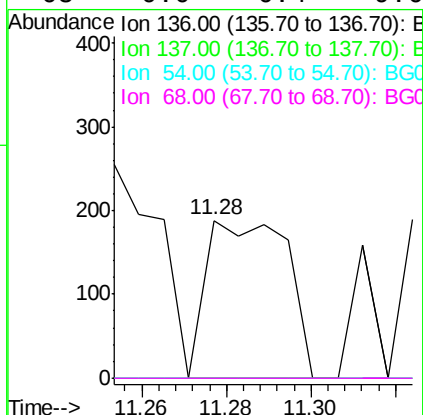
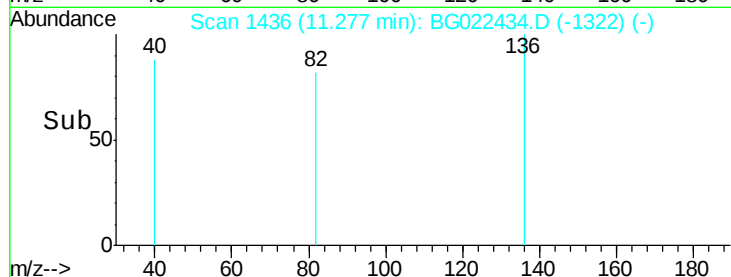
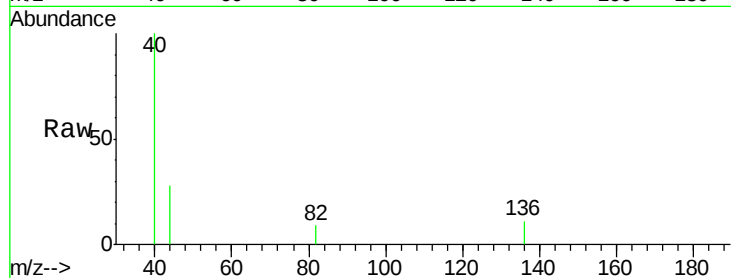




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.28 min Scan# 1436
Delta R.T. 0.37 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

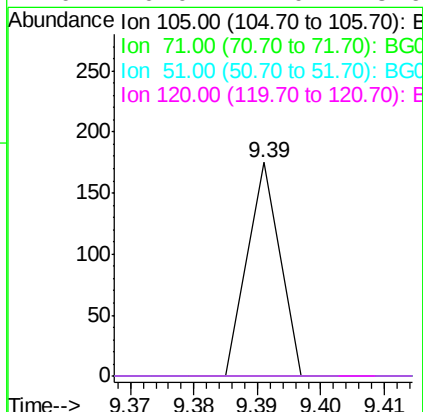
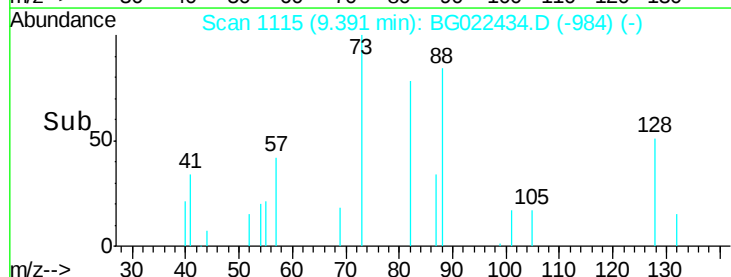
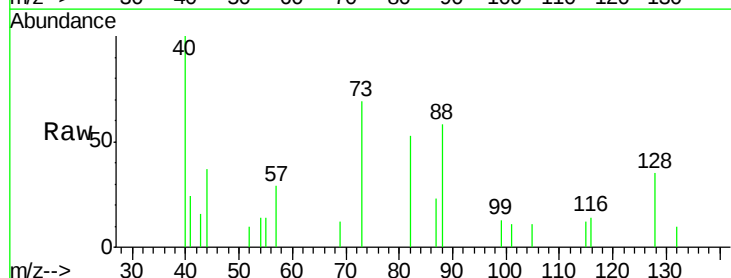
Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

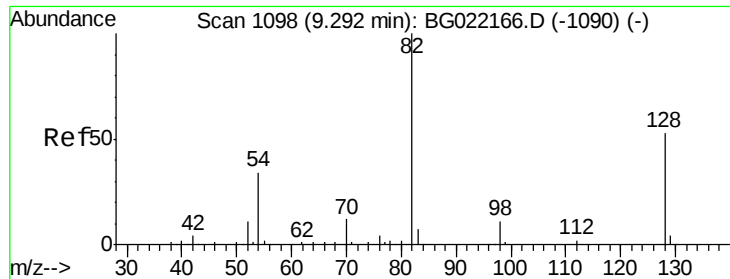
Tgt Ion:	136	Resp:	249
Ion	Ratio	Lower	Upper
136	100		
137	0.0	9.0	13.4#
54	0.0	9.6	14.4#
68	0.0	6.4	9.6#



#22
Acetophenone
Concen: 11.55 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.47 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:	105	Resp:	62
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	0.0	25.7	38.5#
120	0.0	17.0	25.6#

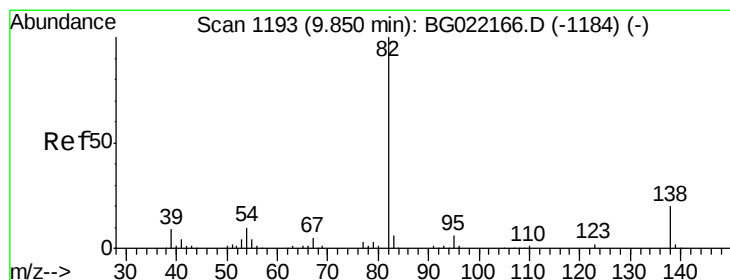
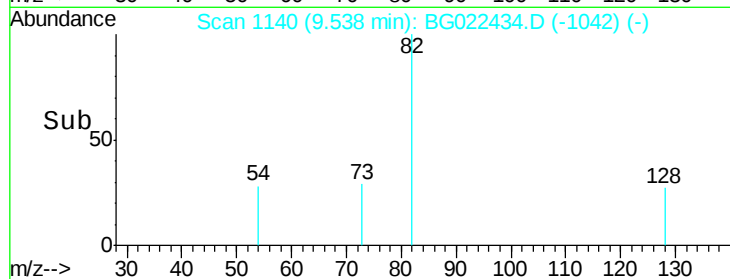
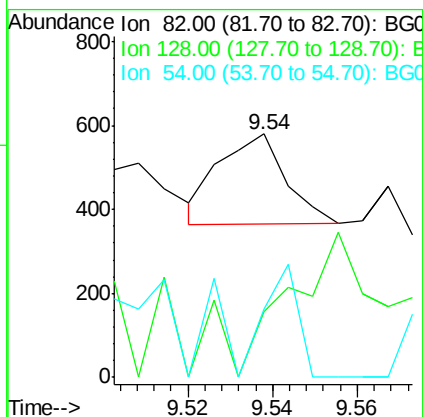
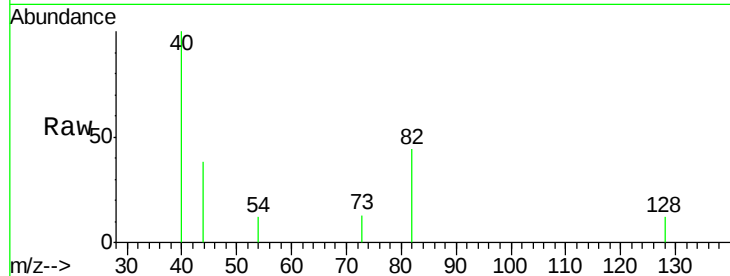




#23
 Nitrobenzene-d5
 Concen: 65.24 ng
 RT: 9.54 min Scan# 1140
 Delta R.T. 0.28 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

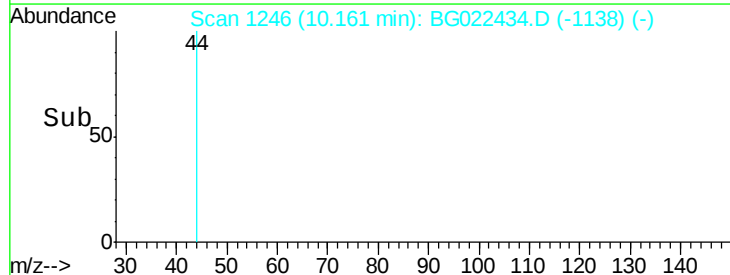
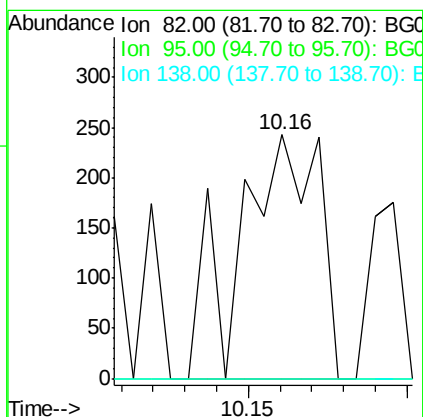
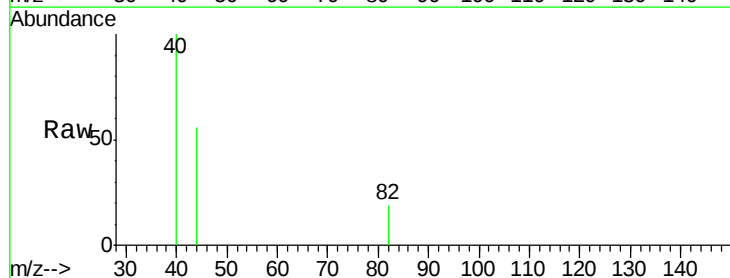
Instrument :
 BNA_G
 ClientSampleId :
 STA-1065-(0-4)

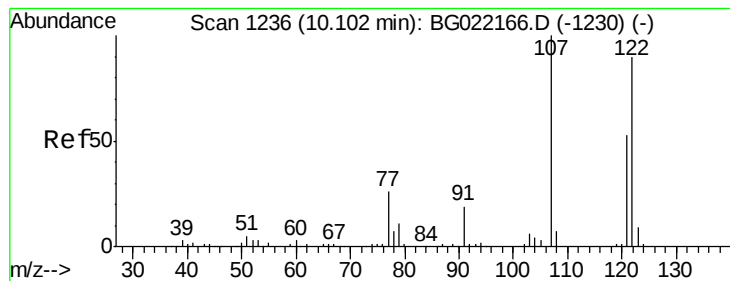
Tgt Ion: 82 Resp: 233
 Ion Ratio Lower Upper
 82 100
 128 27.1 33.4 50.0#
 54 28.1 46.1 69.1#



#25
 Isophorone
 Concen: 50.86 ng
 RT: 10.16 min Scan# 1246
 Delta R.T. 0.34 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

Tgt Ion: 82 Resp: 425
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.0 9.0#
 138 0.0 13.4 20.0#





#27

2,4-Dimethylphenol

Concen: 17.02 ng

RT: 10.37 min Scan# 1281

Delta R.T. 0.29 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

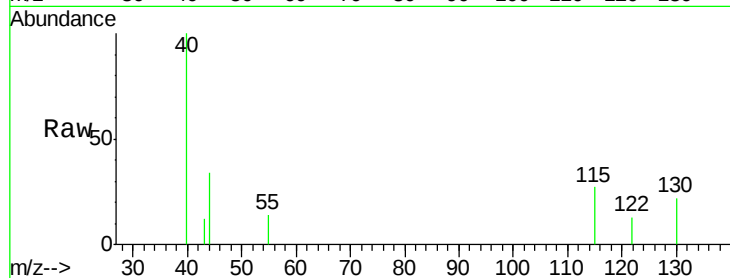
Tgt Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

107 0.0 97.2 145.8#

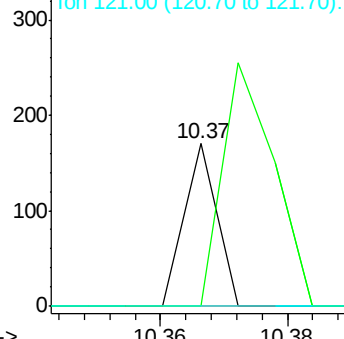
121 0.0 49.0 73.4#



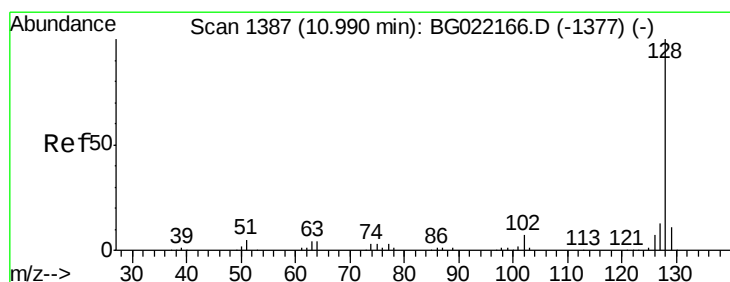
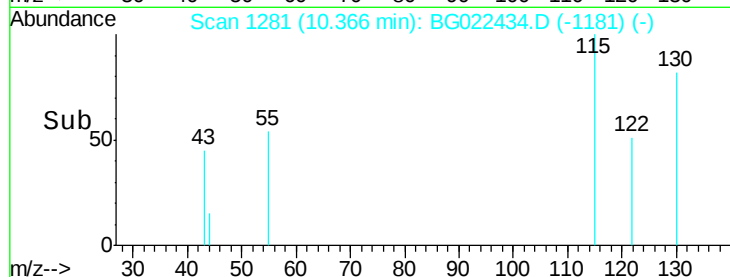
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#31

Naphthalene

Concen: 4.75 ng

RT: 11.38 min Scan# 1454

Delta R.T. 0.42 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

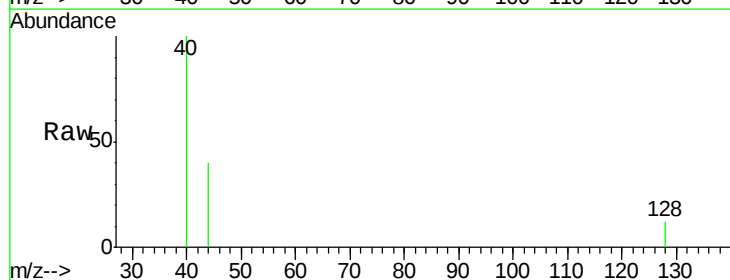
Tgt Ion:128 Resp: 59

Ion Ratio Lower Upper

128 100

129 0.0 7.0 10.6#

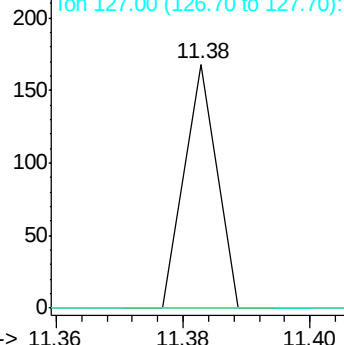
127 0.0 10.1 15.1#



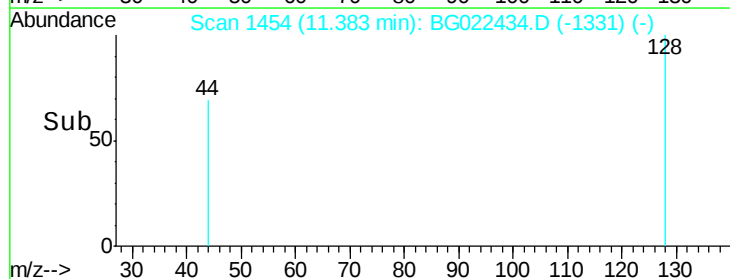
Abundance Ion 128.00 (127.70 to 128.70): E

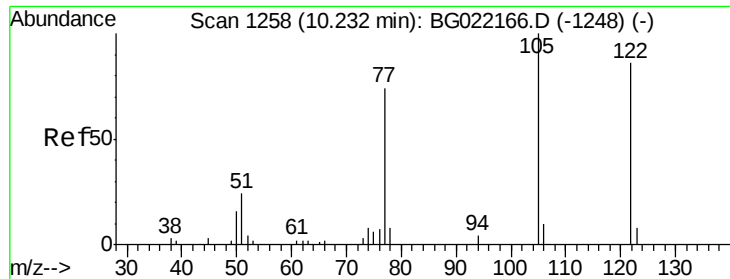
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

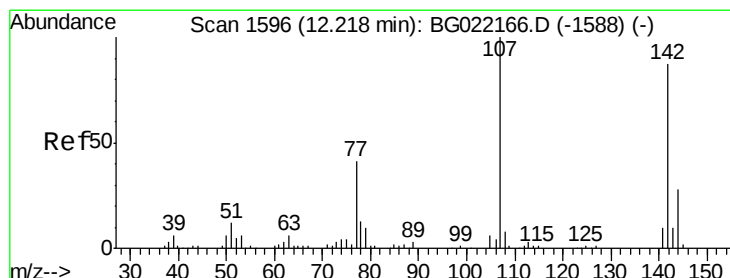
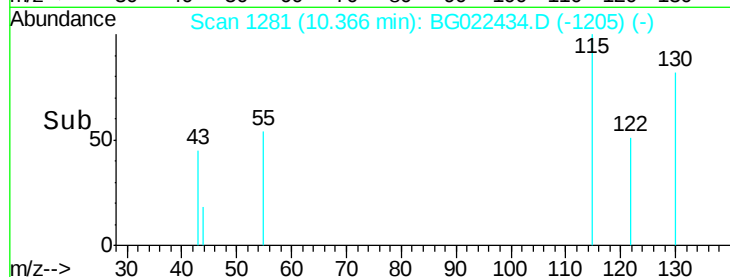
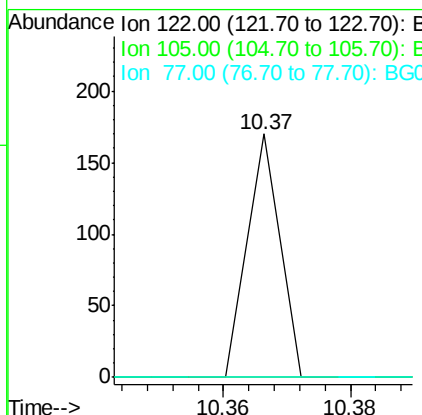
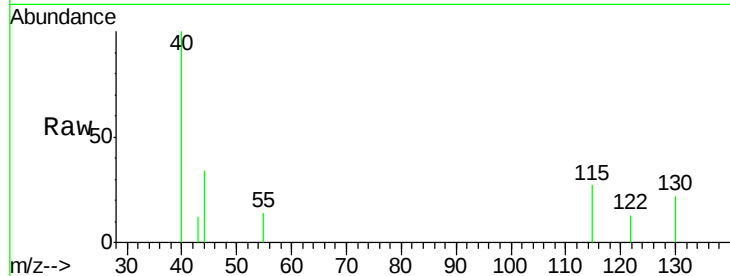




#32
Benzoic acid
Concen: 49.01 ng
RT: 10.37 min Scan# 1281
Delta R.T. 0.15 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

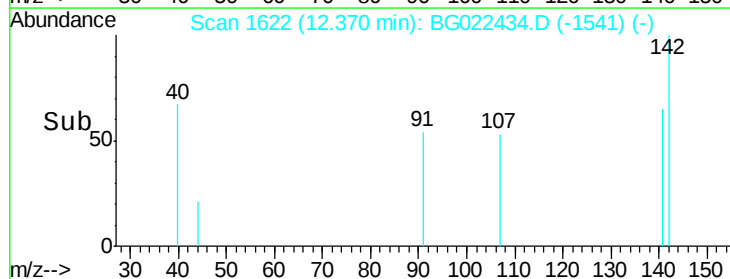
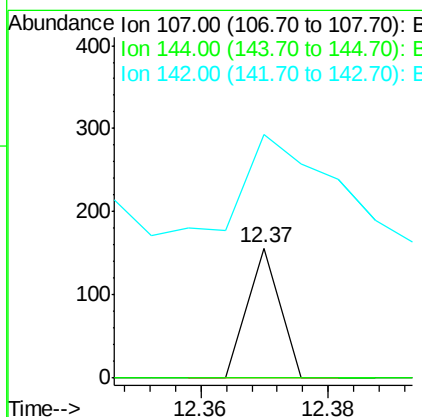
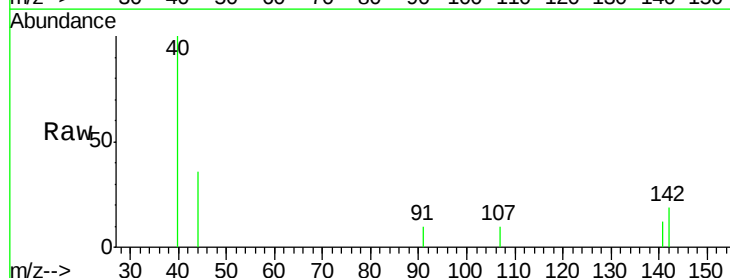
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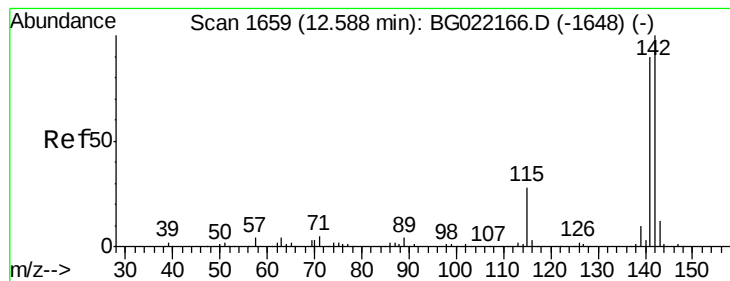
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 79.9 119.9#



#36
4-Chloro-3-methylphenol
Concen: 14.21 ng
RT: 12.37 min Scan# 1622
Delta R.T. 0.18 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:107 Resp: 55
Ion Ratio Lower Upper
107 100
144 0.0 19.2 28.8#
142 187.8 59.1 88.7#





#37

2-Methylnaphthalene

Concen: 1003.97 ng

RT: 12.73 min Scan# 1683

Delta R.T. 0.17 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

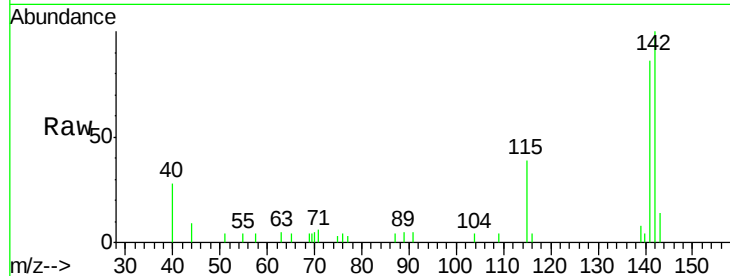
Tgt Ion:142 Resp: 9212

Ion Ratio Lower Upper

142 100

141 85.9 71.4 107.0

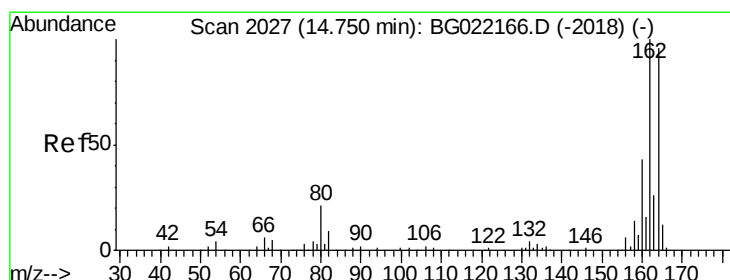
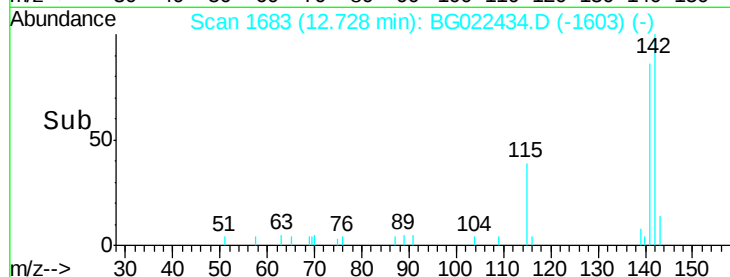
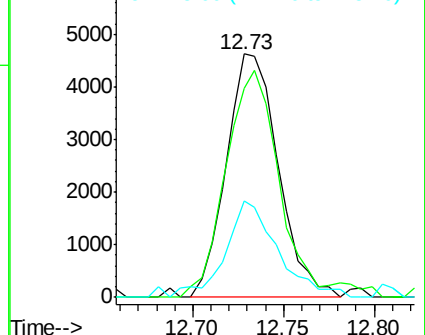
115 39.5 27.4 41.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.29 min Scan# 2119

Delta R.T. 0.57 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

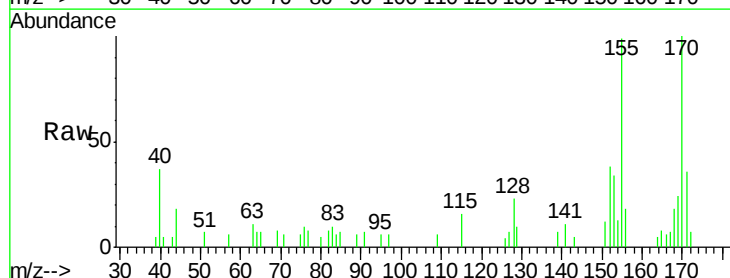
Tgt Ion:164 Resp: 66

Ion Ratio Lower Upper

164 100

162 0.0 78.0 117.0#

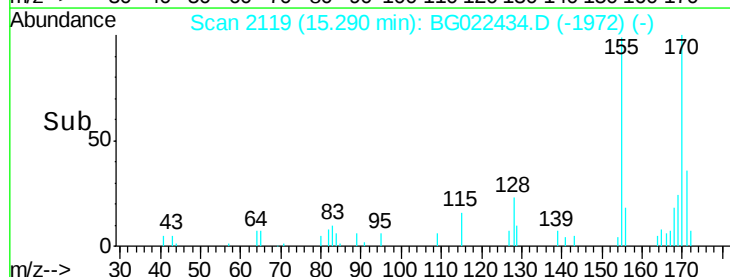
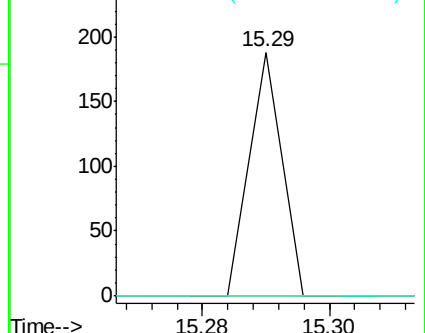
160 0.0 32.9 49.3#

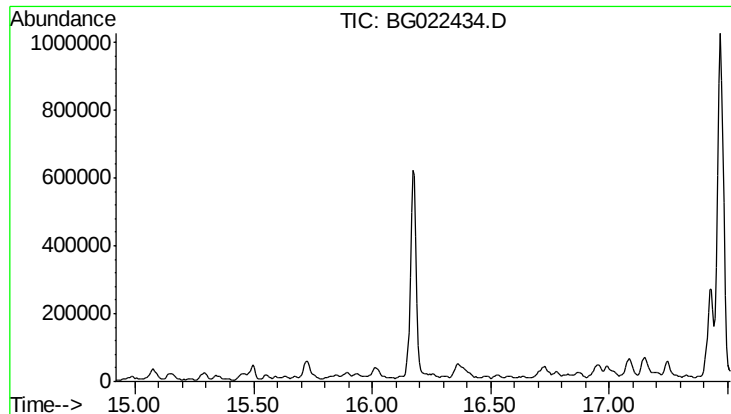


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

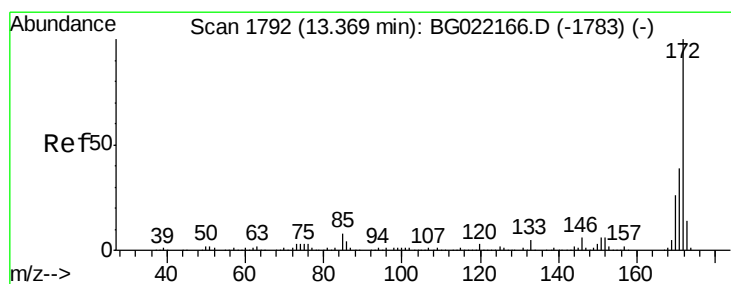
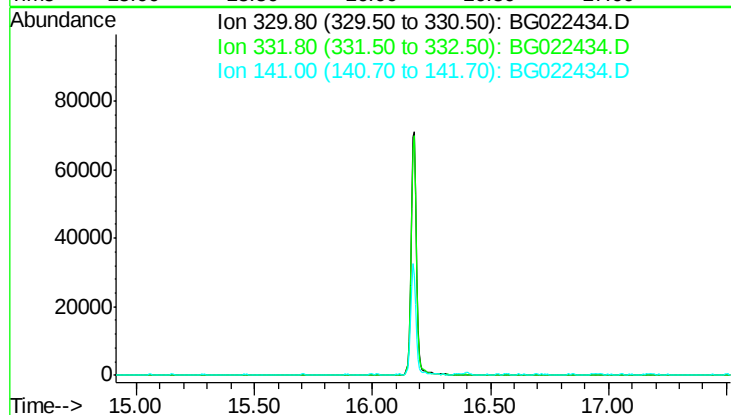




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.22 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

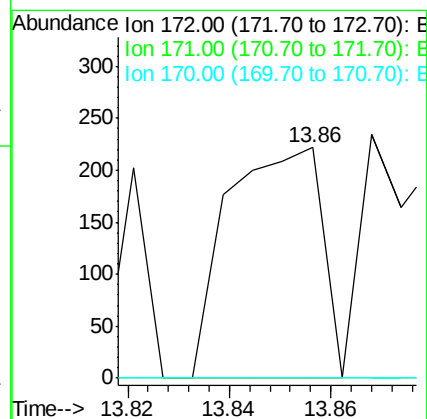
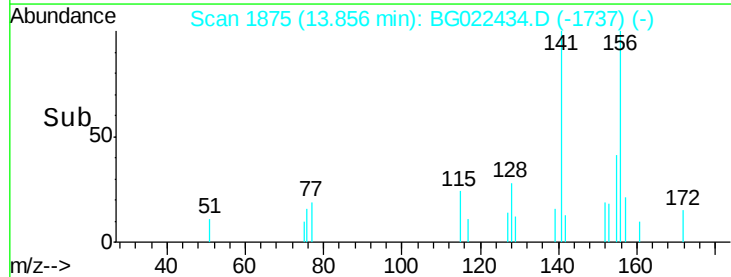
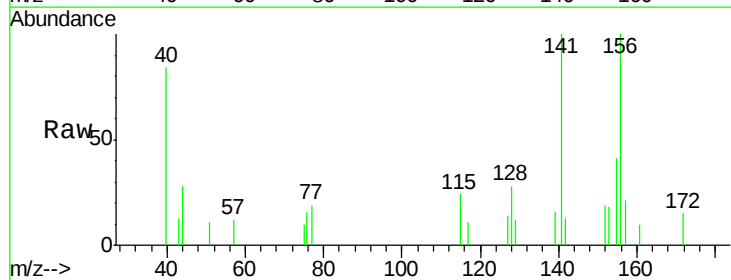
Instrument :
 BNA_G
 ClientSampleId :
 STA-1065-(0-4)

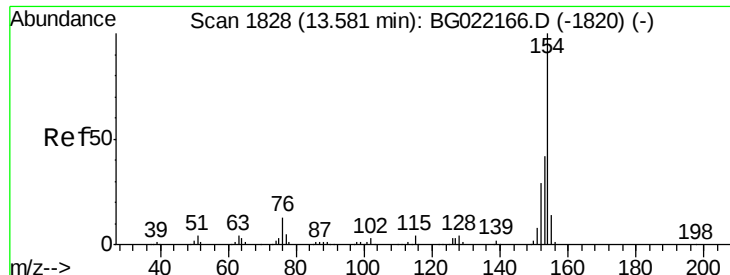
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 42.3



#44
 2-Fluorobiphenyl
 Concen: 65.58 ng
 RT: 13.86 min Scan# 1875
 Delta R.T. 0.51 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

Tgt Ion: 172 Resp: 284
 Ion Ratio Lower Upper
 172 100
 171 0.0 27.8 41.6#
 170 0.0 19.6 29.4#

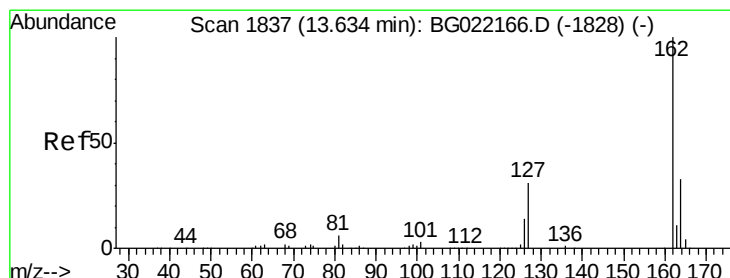
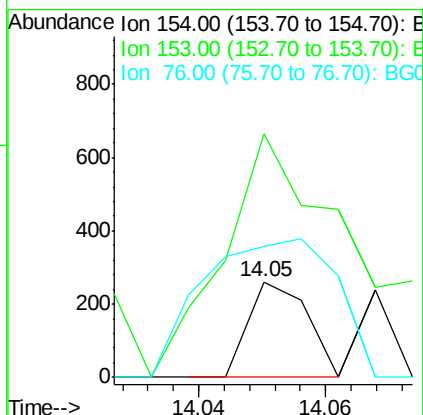
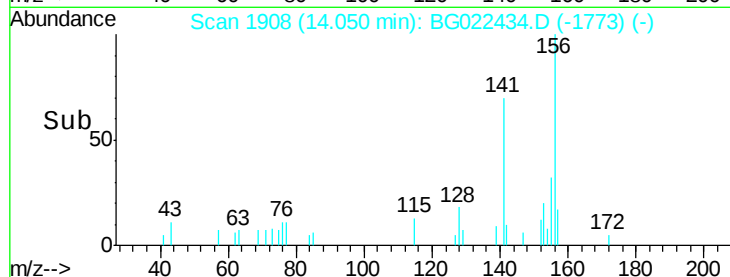
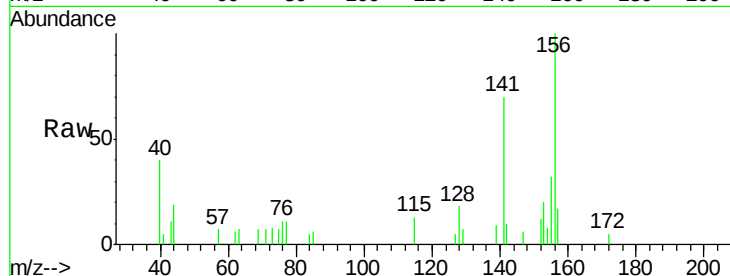




#45
1,1'-Biphenyl
Concen: 33.62 ng
RT: 14.05 min Scan# 1908
Delta R.T. 0.50 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

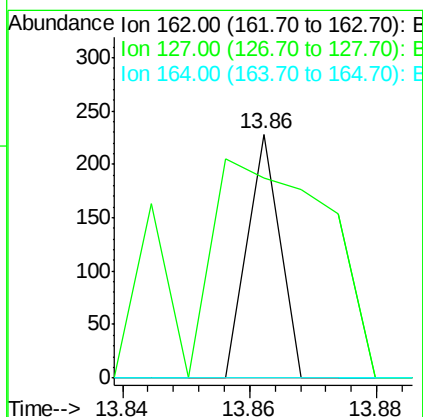
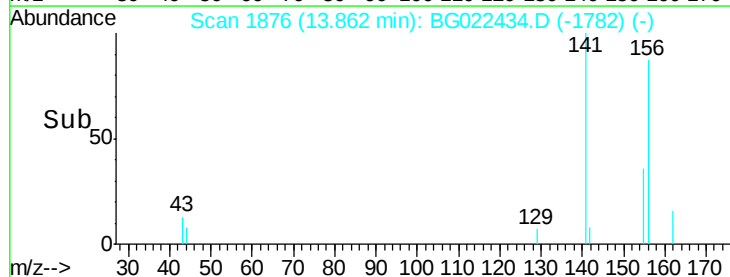
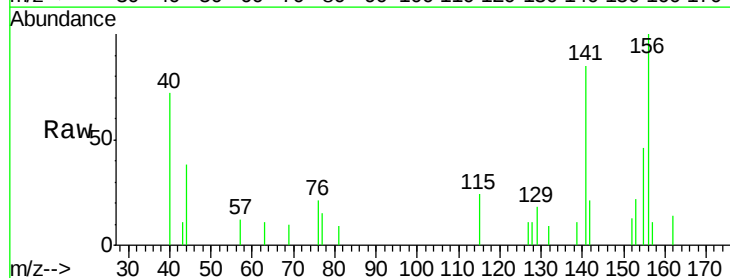
Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

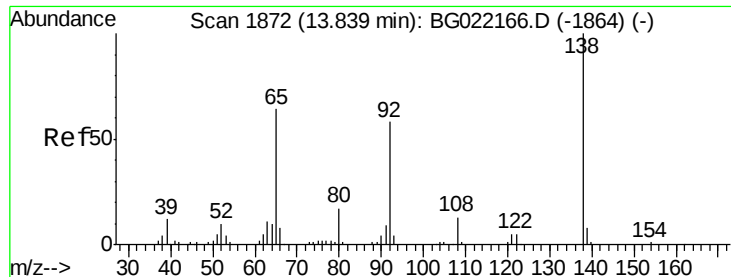
Tgt Ion:154 Resp: 167
Ion Ratio Lower Upper
154 100
153 254.8 19.7 59.7#
76 136.4 0.0 33.0#



#46
2-Chloronaphthalene
Concen: 21.01 ng
RT: 13.86 min Scan# 1876
Delta R.T. 0.25 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:162 Resp: 80
Ion Ratio Lower Upper
162 100
127 82.0 32.0 48.0#
164 0.0 27.0 40.4#





#47

2-Nitroaniline

Concen: 60.58 ng

RT: 14.24 min Scan# 1940

Delta R.T. 0.42 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

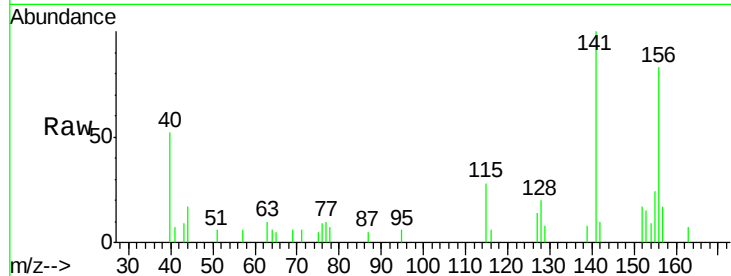
Tgt Ion: 65 Resp: 55

Ion Ratio Lower Upper

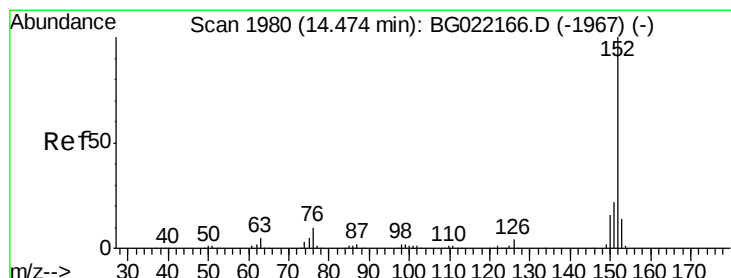
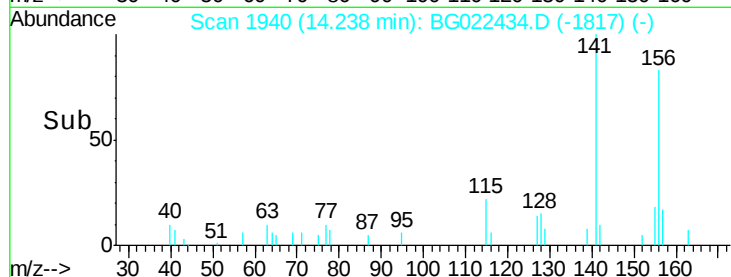
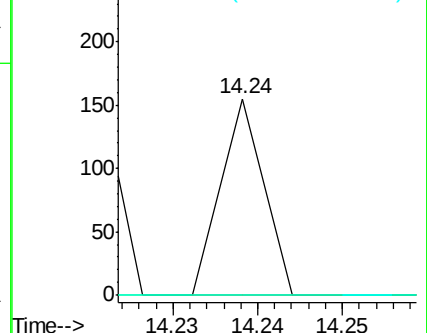
65 100

92 0.0 49.2 73.8#

138 0.0 75.0 112.6#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 240.40 ng

RT: 14.98 min Scan# 2067

Delta R.T. 0.54 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

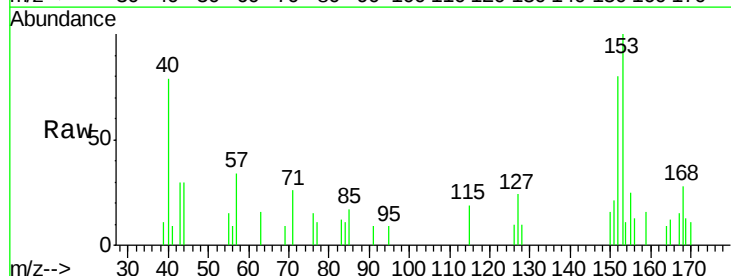
Tgt Ion: 152 Resp: 1606

Ion Ratio Lower Upper

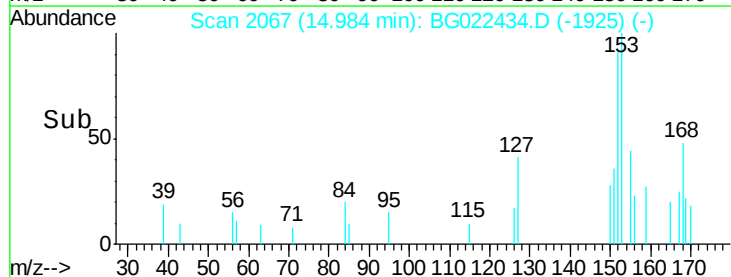
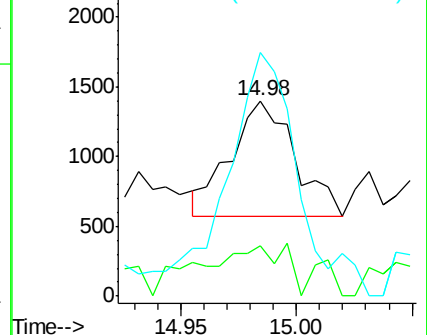
152 100

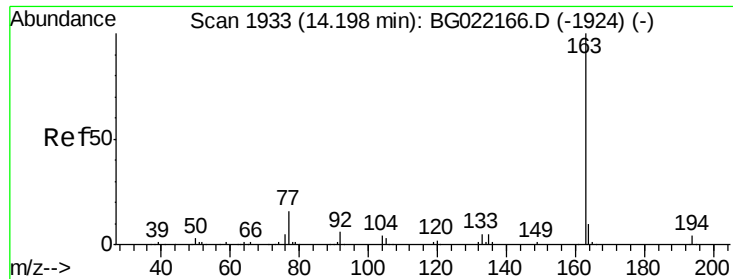
151 25.8 16.6 24.8#

153 124.9 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

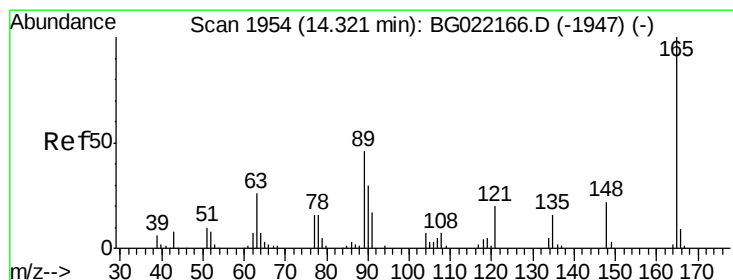
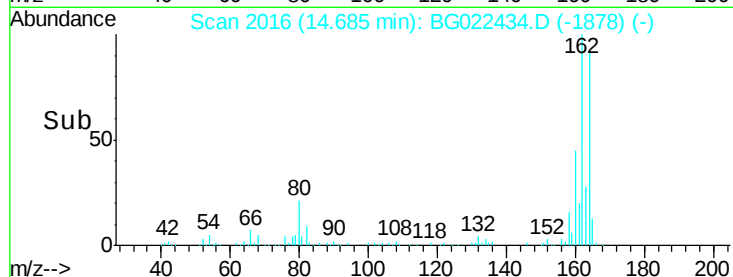
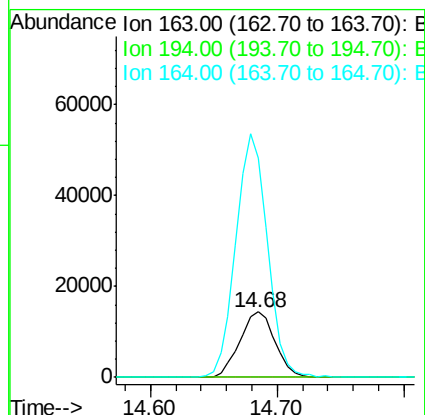
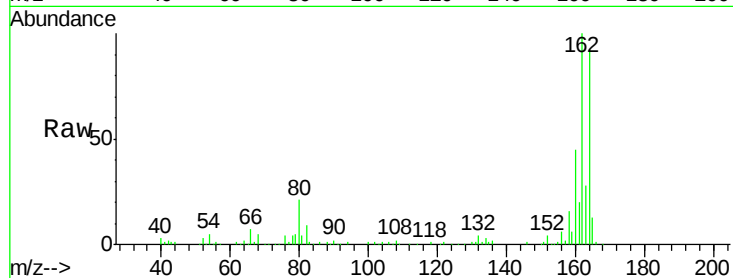




#49
Dimethylphthalate
Concen: 5098.20 ng
RT: 14.68 min Scan# 2016
Delta R.T. 0.51 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

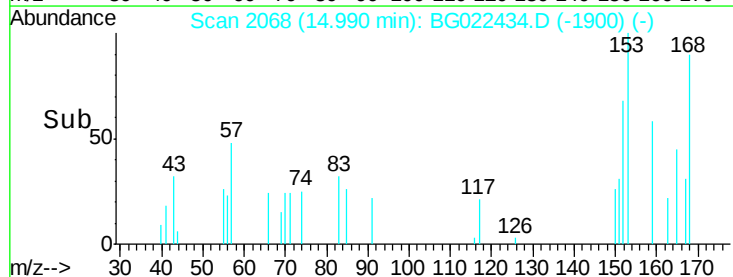
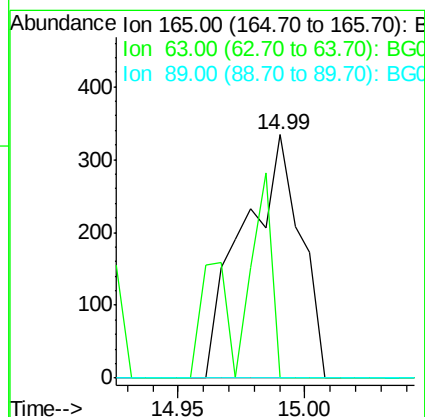
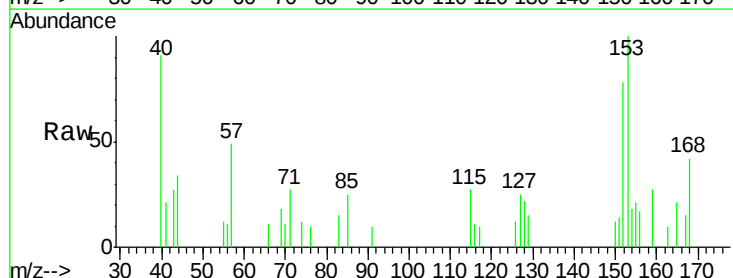
Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

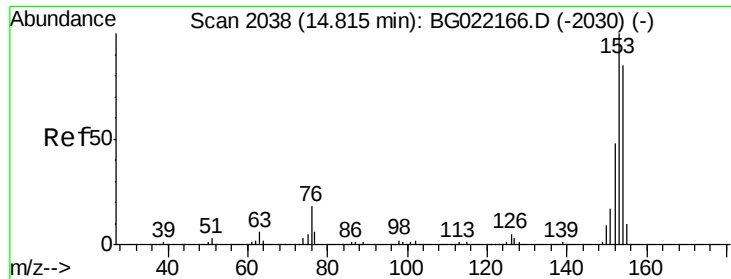
Tgt Ion:163 Resp: 27899
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 333.6 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 443.00 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.69 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:165 Resp: 527
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.4#
89 0.0 45.3 67.9#





#51

Acenaphthene

Concen: 181.39 ng

RT: 15.34 min Scan# 2128

Delta R.T. 0.55 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

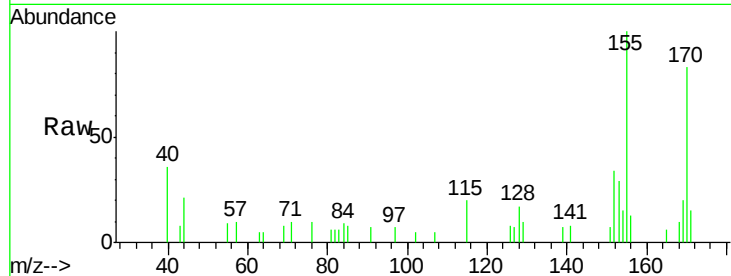
Tgt Ion:154 Resp: 726

Ion Ratio Lower Upper

154 100

153 193.5 91.9 137.9#

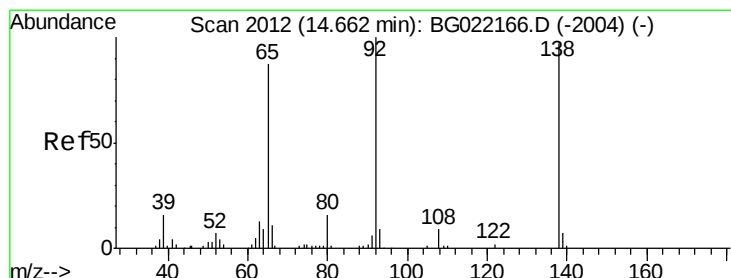
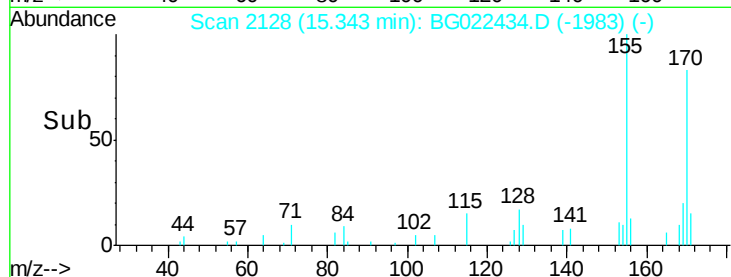
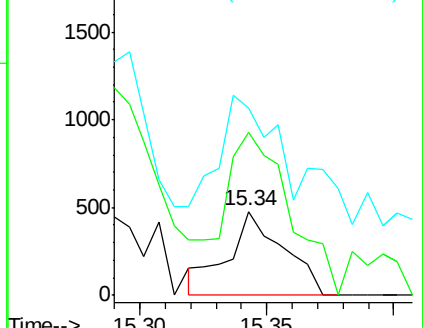
152 223.8 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 200.08 ng

RT: 15.08 min Scan# 2083

Delta R.T. 0.44 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

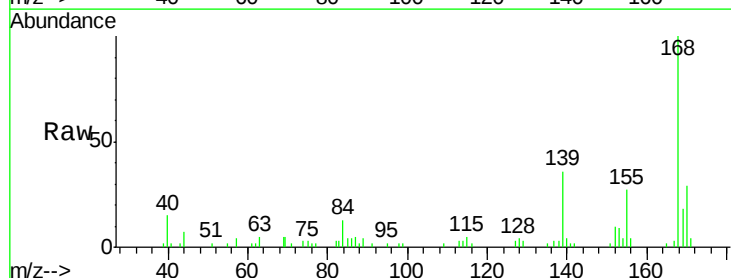
Tgt Ion:138 Resp: 264

Ion Ratio Lower Upper

138 100

108 0.0 9.1 13.7#

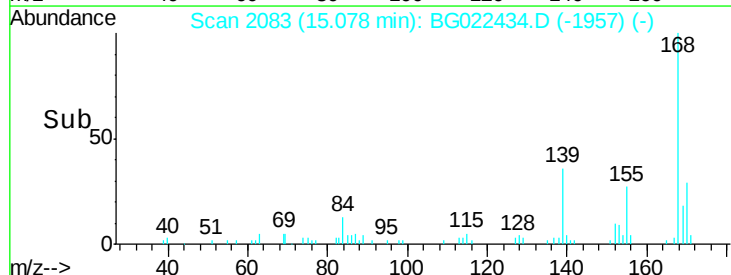
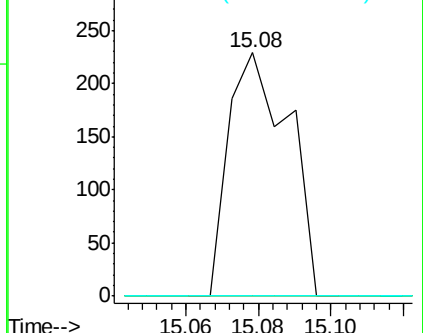
92 0.0 102.6 154.0#

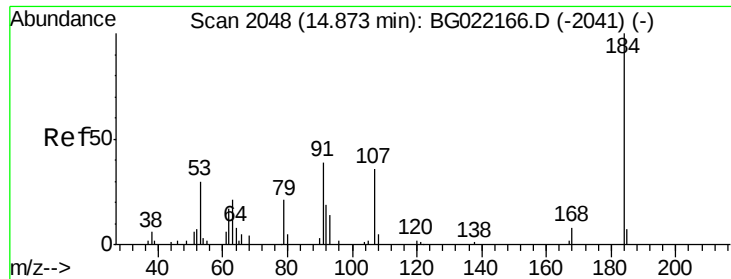


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

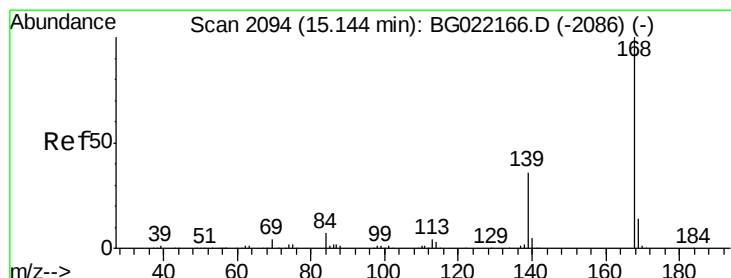
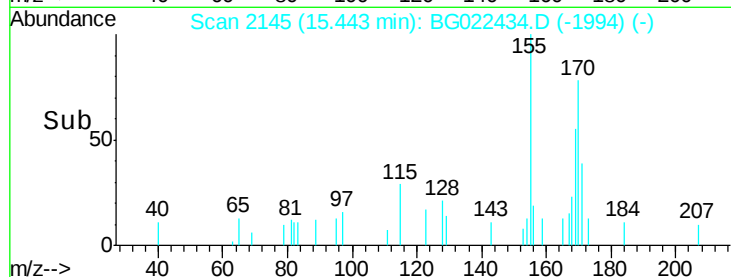
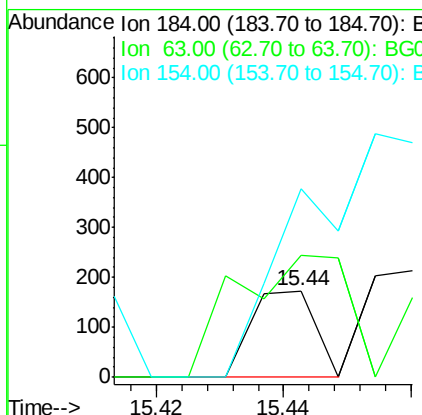
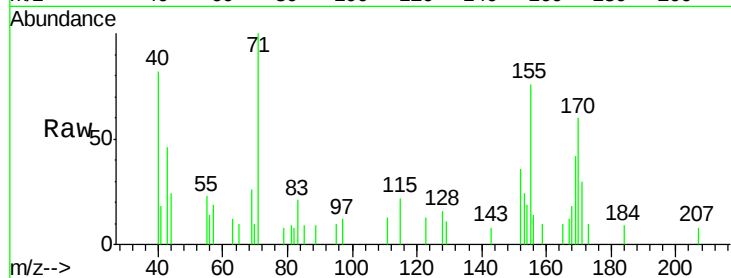




#53
 2,4-Dinitrophenol
 Concen: 224.21 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.59 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

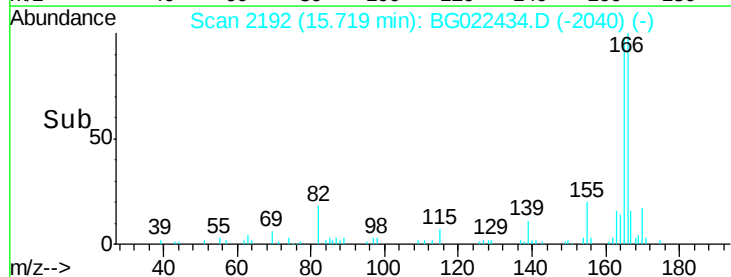
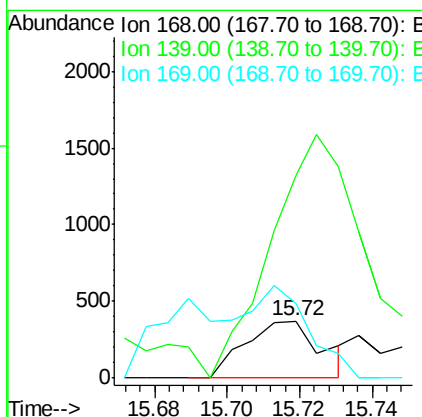
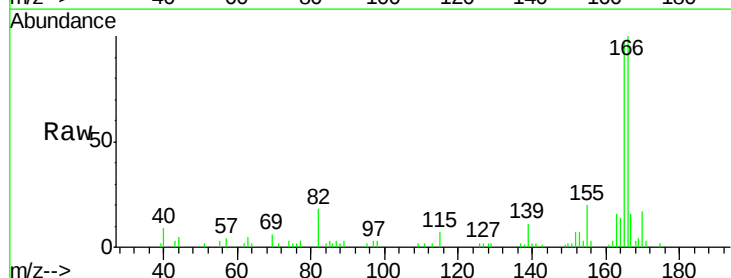
Instrument :
 BNA_G
 ClientSampleId :
 STA-1065-(0-4)

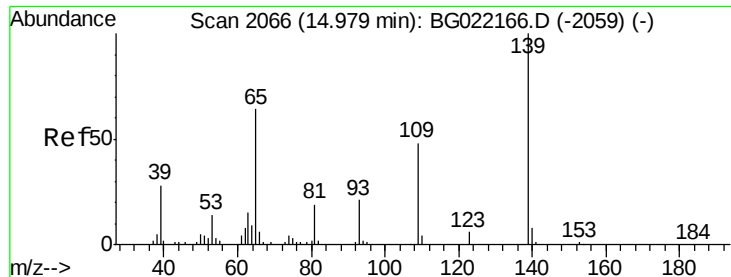
Tgt Ion:184 Resp: 120
 Ion Ratio Lower Upper
 184 100
 63 140.5 57.3 85.9#
 154 218.5 55.2 82.8#



#54
 Dibenzofuran
 Concen: 87.25 ng
 RT: 15.72 min Scan# 2192
 Delta R.T. 0.60 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

Tgt Ion:168 Resp: 545
 Ion Ratio Lower Upper
 168 100
 139 354.4 31.1 46.7#
 169 130.6 11.0 16.6#





#55

4-Nitrophenol

Concen: 303.09 ng

RT: 15.55 min Scan# 2164

Delta R.T. 0.60 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

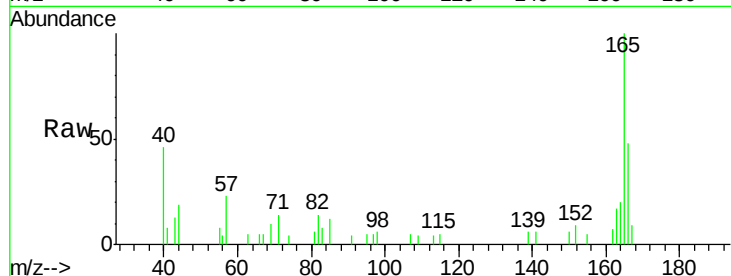
Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

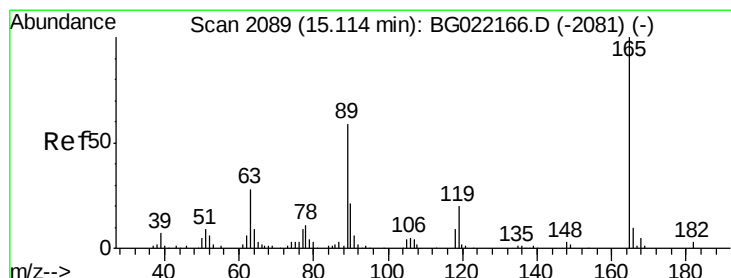
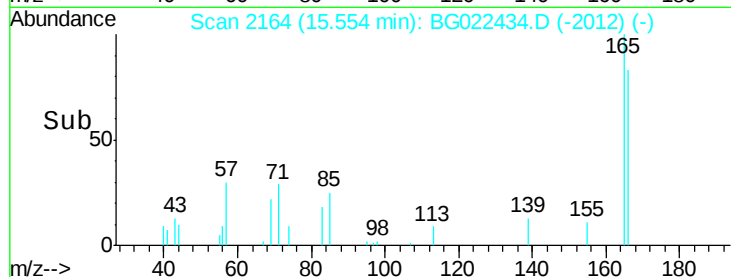
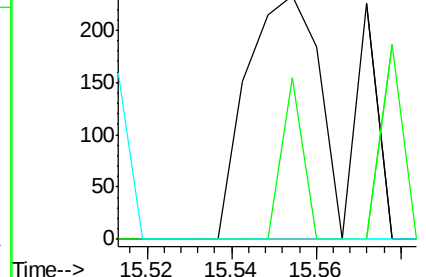
Tgt Ion:	139	Resp:	276
Ion	Ratio	Lower	Upper
139	100		
109	66.5	49.2	89.2
65	0.0	83.2	123.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 1524.69 ng

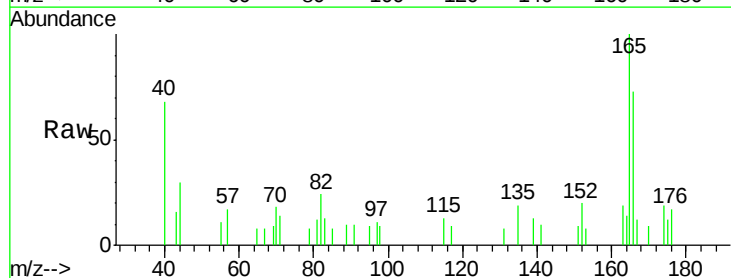
RT: 15.67 min Scan# 2184

Delta R.T. 0.58 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Tgt Ion:	165	Resp:	2433
Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	10.5	59.4	89.0#
182	0.0	2.1	3.1#

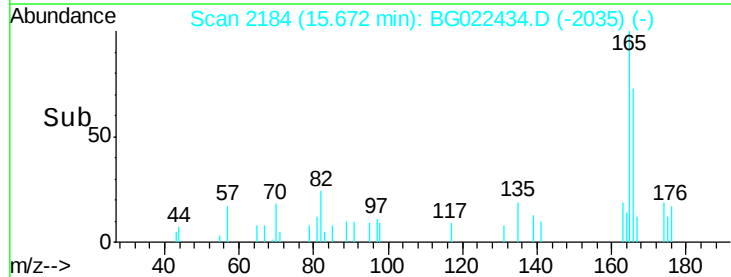
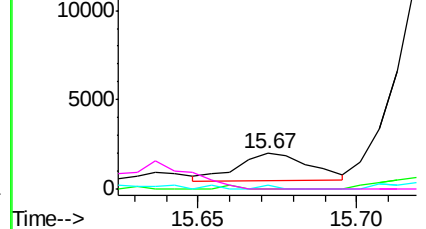


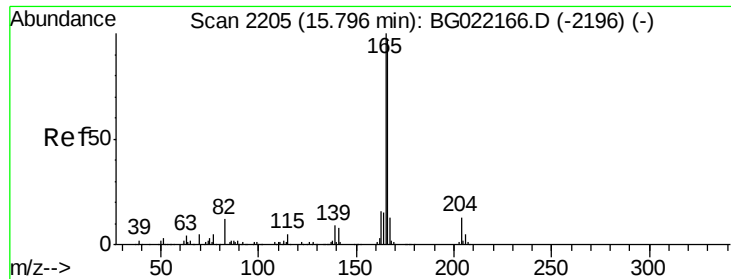
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.04 ng

RT: 16.37 min Scan# 2303

Delta R.T. 0.60 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

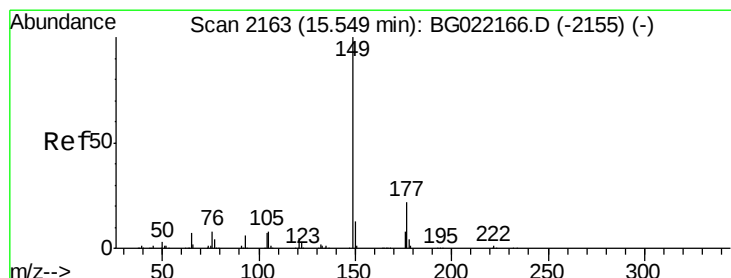
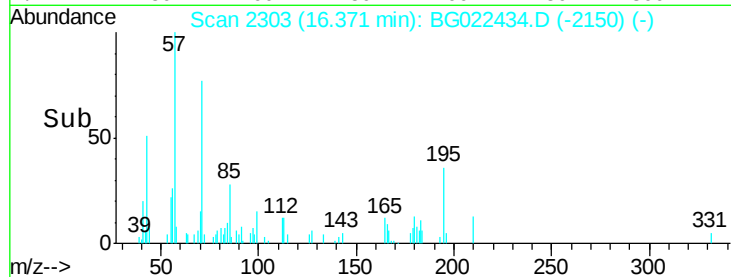
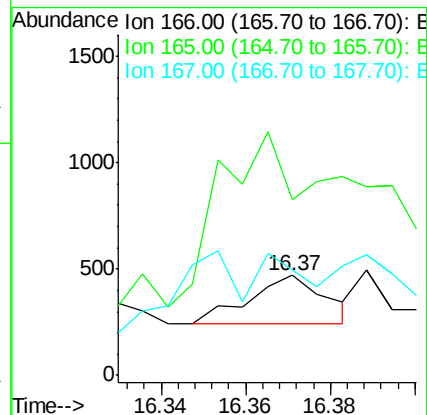
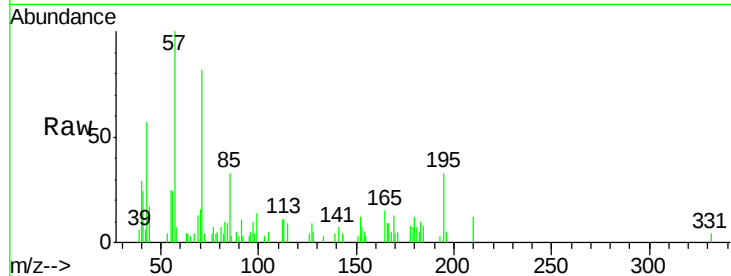
Tgt Ion:166 Resp: 280

Ion Ratio Lower Upper

166 100

165 176.1 79.0 118.4#

167 105.1 10.7 16.1#



#59

Diethylphthalate

Concen: 9.58 ng

RT: 16.18 min Scan# 2270

Delta R.T. 0.65 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

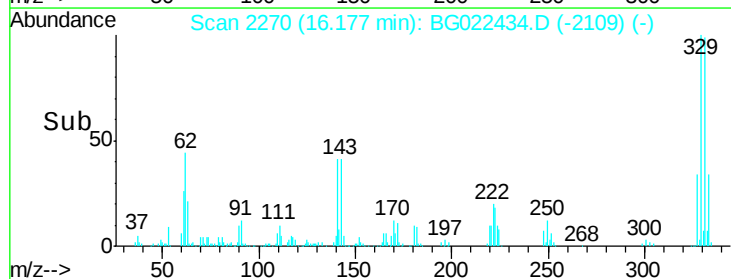
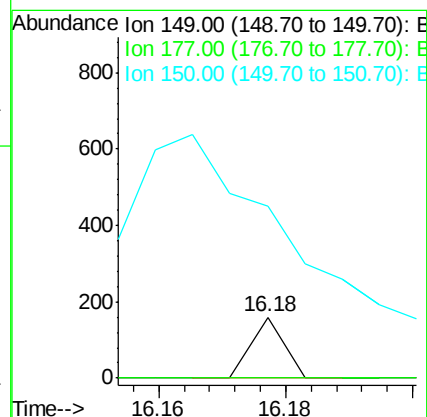
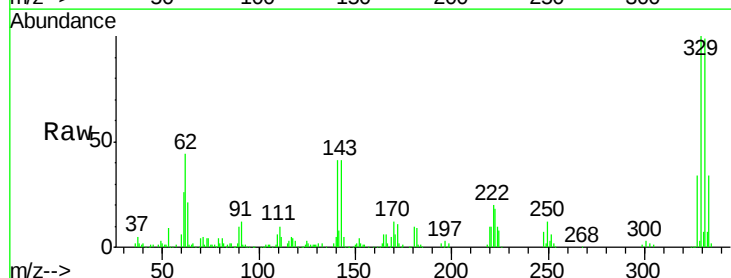
Tgt Ion:149 Resp: 56

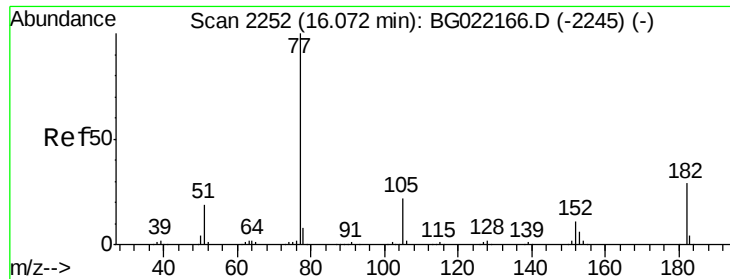
Ion Ratio Lower Upper

149 100

177 0.0 17.3 25.9#

150 284.3 9.7 14.5#





#62

Azobenzene

Concen: 39.76 ng

RT: 16.66 min Scan# 2352

Delta R.T. 0.61 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

Tgt Ion: 77 Resp: 176

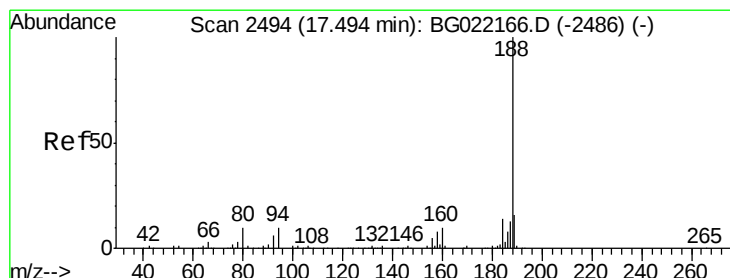
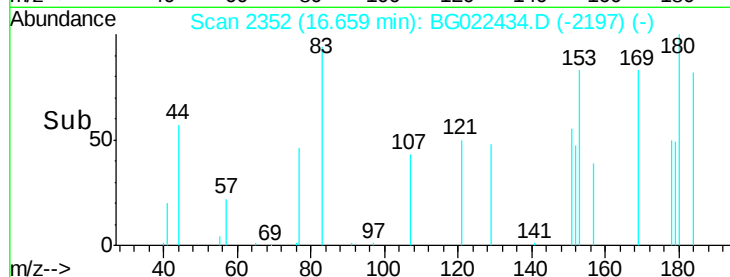
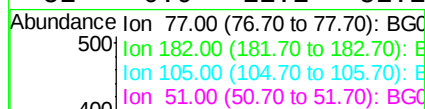
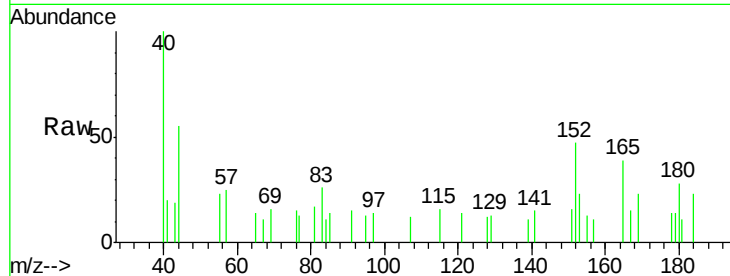
Ion Ratio Lower Upper

77 100

182 0.0 4.1 44.1#

105 0.0 0.0 39.8

51 0.0 11.1 51.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.30 min Scan# 2631

Delta R.T. 0.83 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

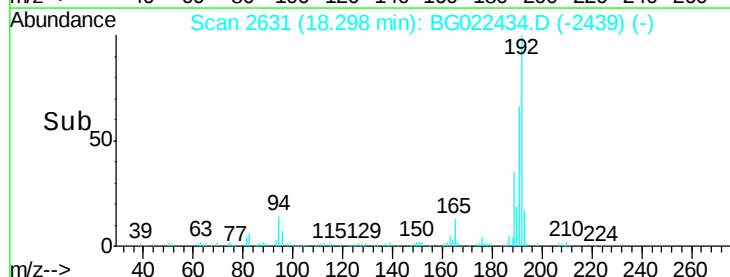
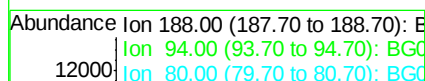
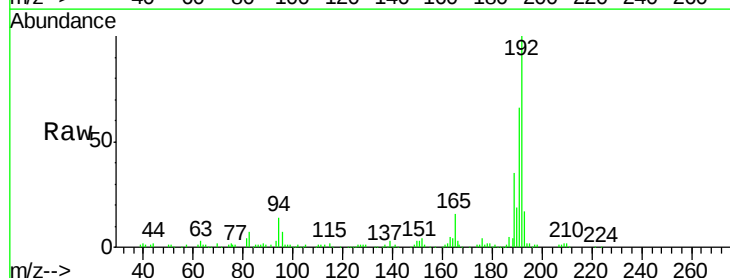
Tgt Ion: 188 Resp: 4091

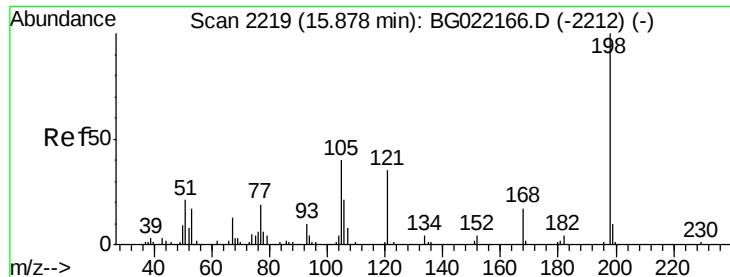
Ion Ratio Lower Upper

188 100

94 335.1 7.5 11.3#

80 0.0 8.6 13.0#

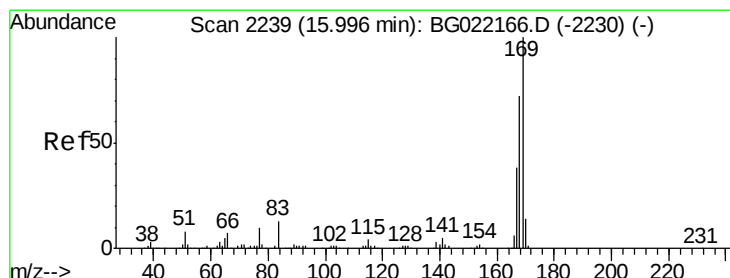
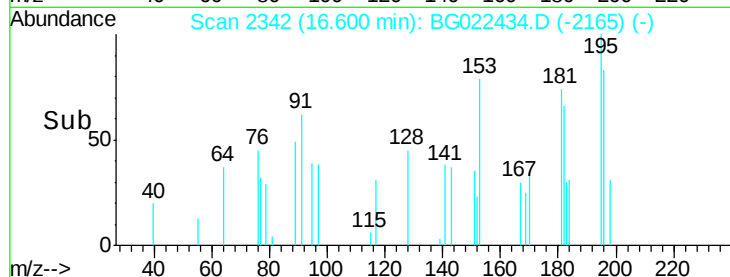
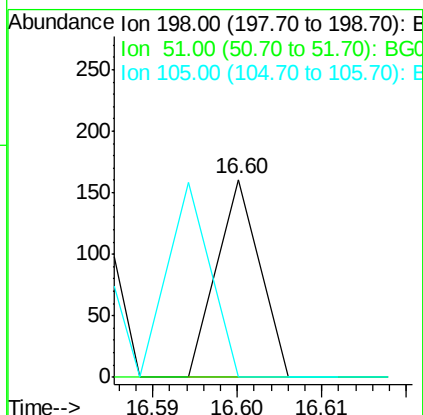
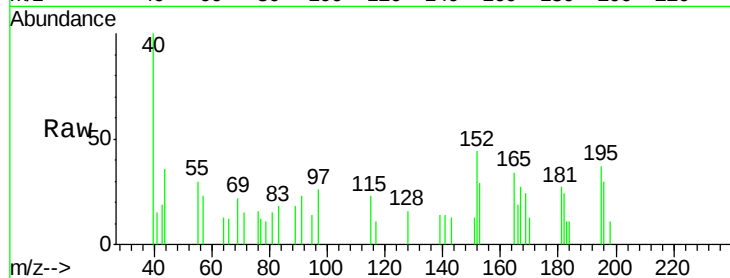




#64
4,6-Dinitro-2-methylphenol
Concen: 7.91 ng
RT: 16.60 min Scan# 2342
Delta R.T. 0.74 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

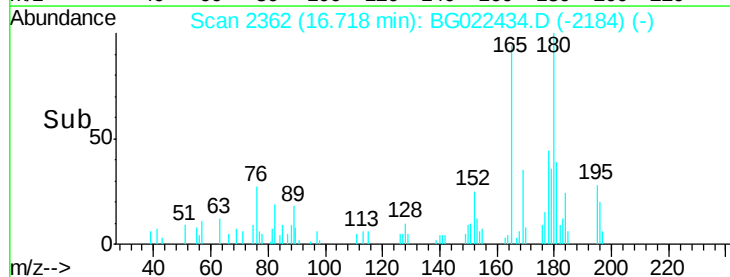
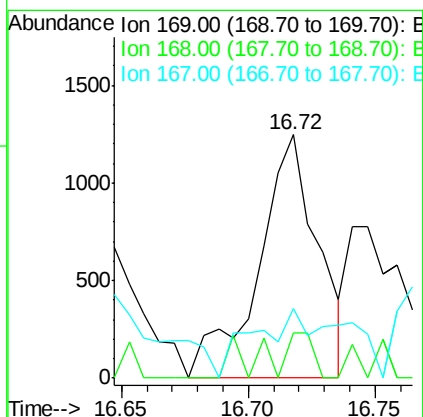
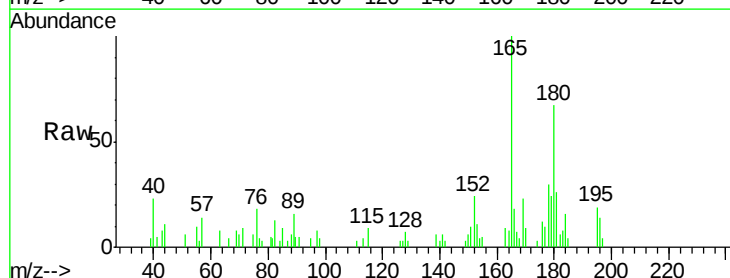
Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

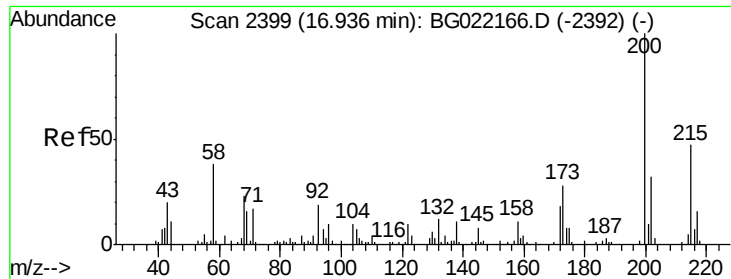
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 29.2 69.2#
105 0.0 24.0 64.0#



#65
n-Nitrosodiphenylamine
Concen: 17.34 ng
RT: 16.72 min Scan# 2362
Delta R.T. 0.75 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:169 Resp: 2044
Ion Ratio Lower Upper
169 100
168 18.8 59.6 89.4#
167 28.6 31.2 46.8#

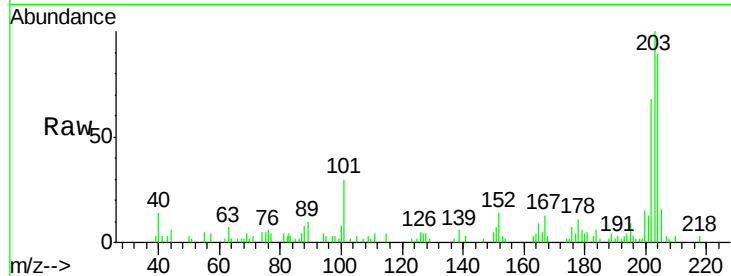




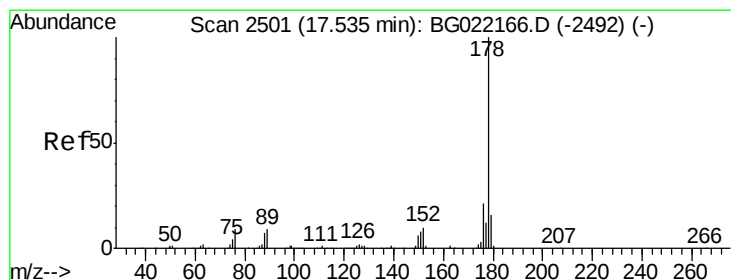
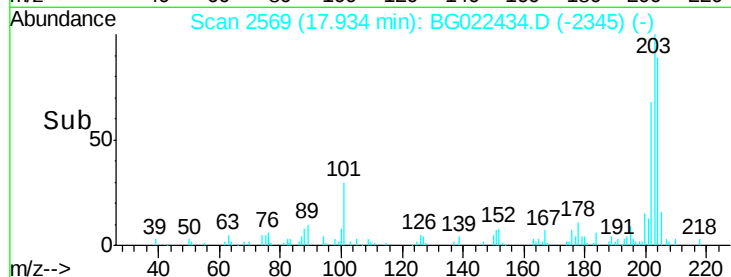
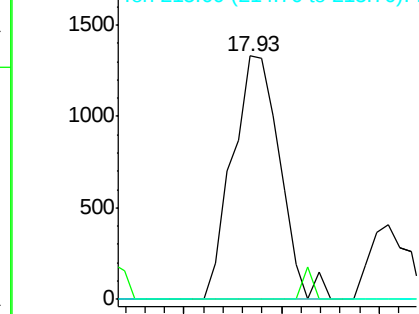
#68
 Atrazine
 Concen: 51.37 ng
 RT: 17.93 min Scan# 2569
 Delta R.T. 1.02 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

Instrument :
 BNA_G
 ClientSampleId :
 STA-1065-(0-4)

Tgt Ion: 200 Resp: 2241
 Ion Ratio Lower Upper
 200 100
 173 0.0 5.1 45.1#
 215 0.0 28.0 68.0#

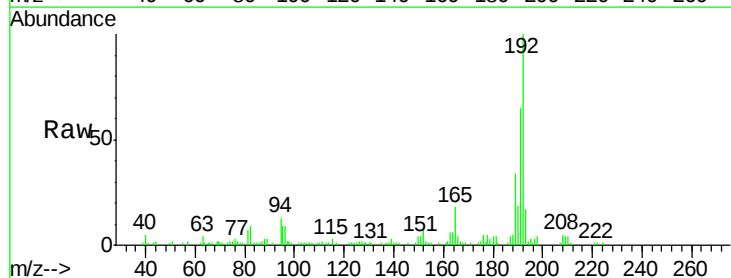


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

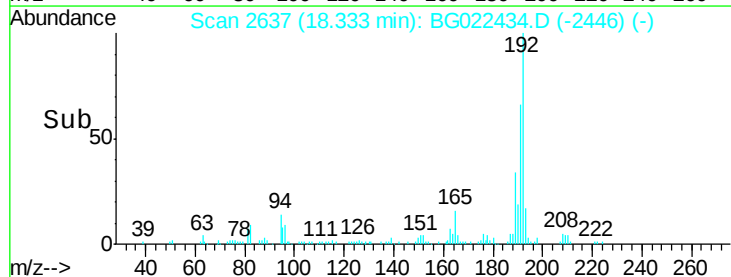
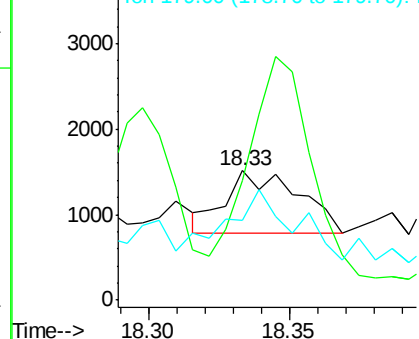


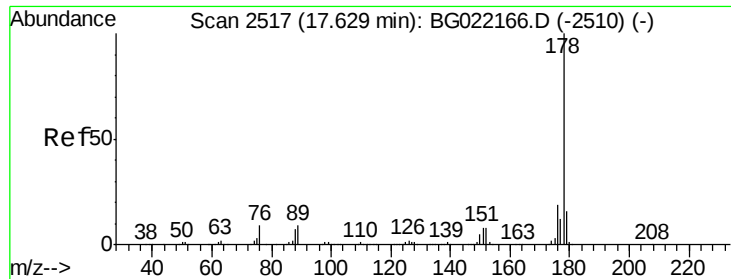
#70
 Phenanthrene
 Concen: 5.81 ng
 RT: 18.33 min Scan# 2637
 Delta R.T. 0.82 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

Tgt Ion: 178 Resp: 1290
 Ion Ratio Lower Upper
 178 100
 176 92.7 16.2 24.4#
 179 61.7 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.60 ng

RT: 18.42 min Scan# 2652

Delta R.T. 0.82 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

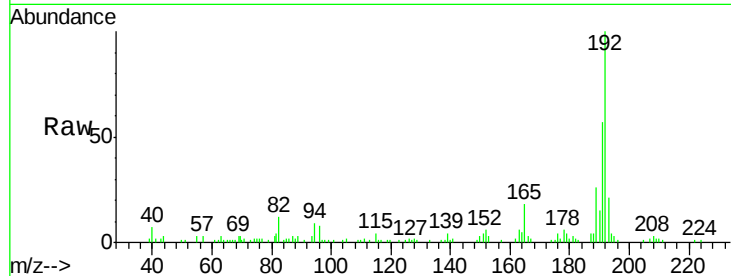
Tgt Ion:178 Resp: 1014

Ion Ratio Lower Upper

178 100

176 64.1 15.0 22.4#

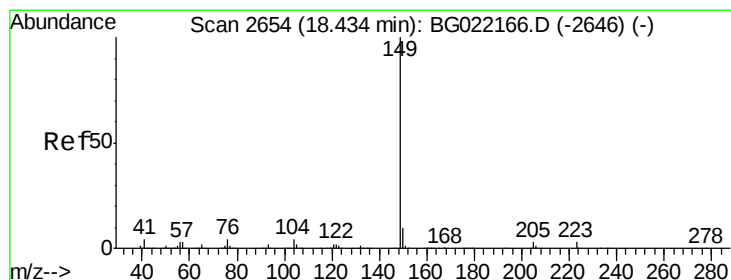
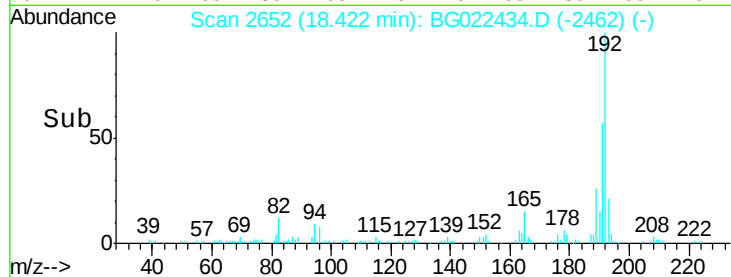
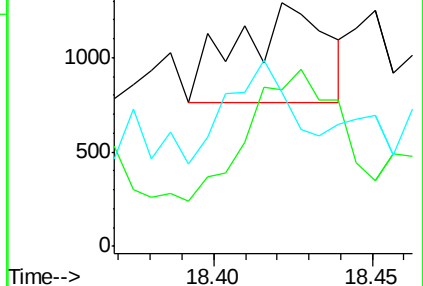
179 63.2 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 14.62 ng

RT: 19.36 min Scan# 2811

Delta R.T. 0.95 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

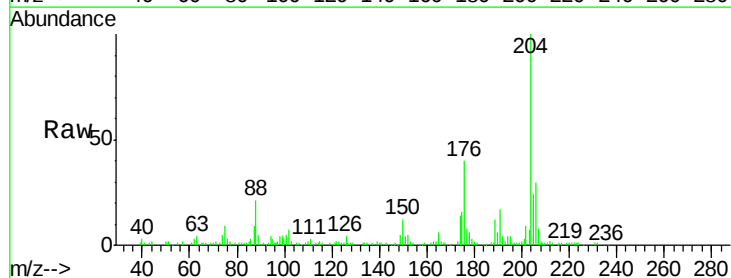
Tgt Ion:149 Resp: 3989

Ion Ratio Lower Upper

149 100

150 227.9 7.4 11.0#

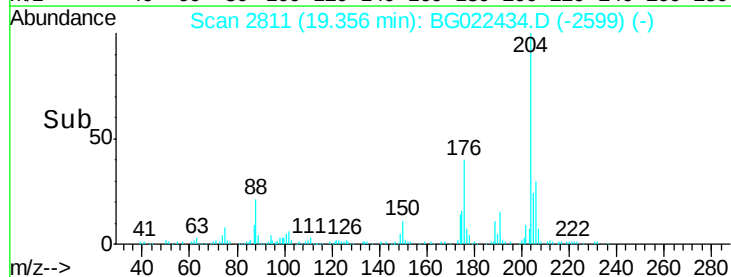
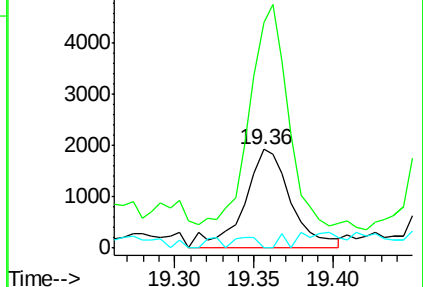
104 0.0 4.0 6.0#

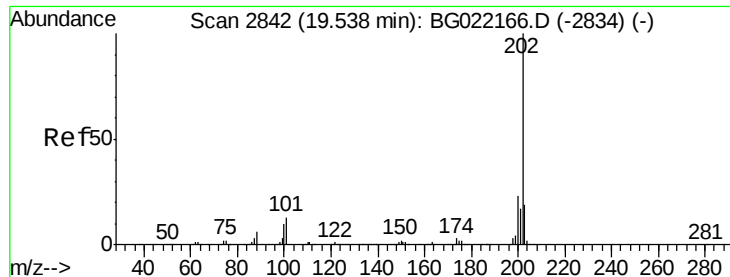


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 66.94 ng

RT: 20.46 min Scan# 2999

Delta R.T. 0.95 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

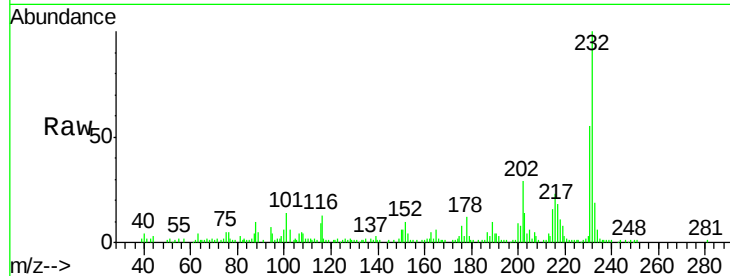
Tgt Ion:202 Resp: 17100

Ion Ratio Lower Upper

202 100

101 50.1 0.0 31.0#

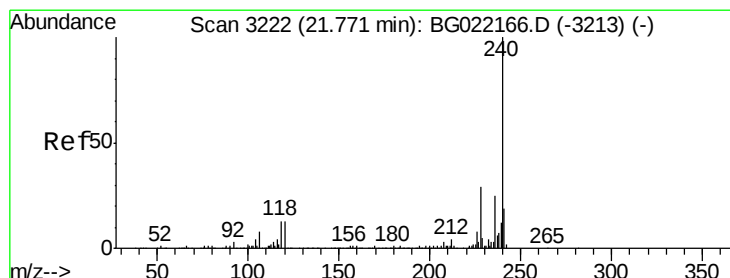
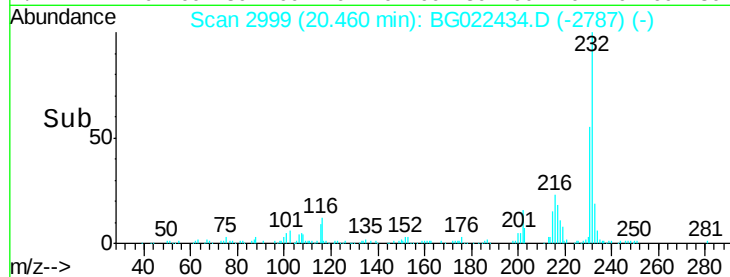
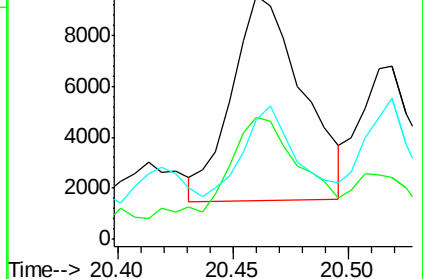
203 49.1 0.0 37.9#



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: 22.75 min Scan# 3388

Delta R.T. 1.01 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

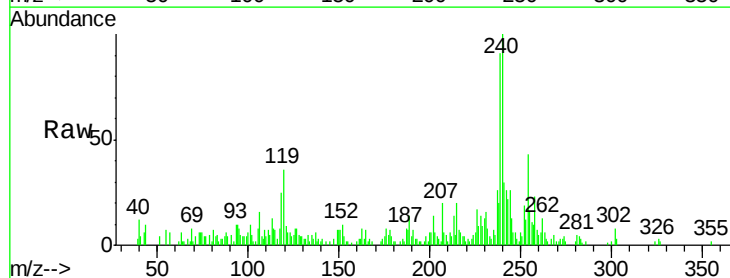
Tgt Ion:240 Resp: 20603

Ion Ratio Lower Upper

240 100

120 0.0 8.4 12.6#

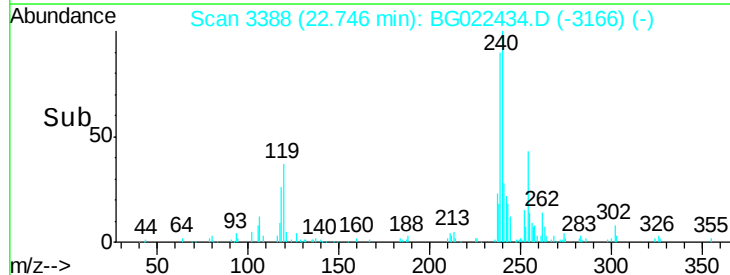
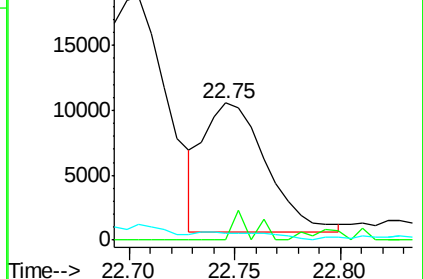
236 4.8 19.6 29.4#

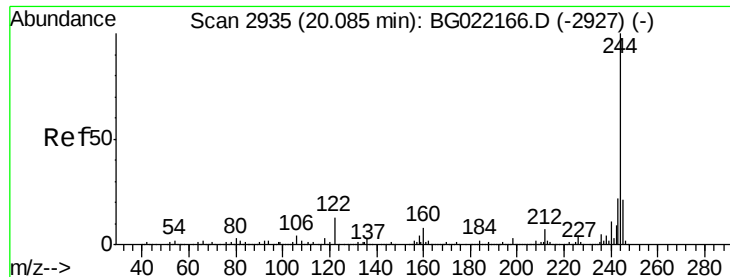


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.15 ng

RT: 20.98 min Scan# 3088

Delta R.T. 0.92 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

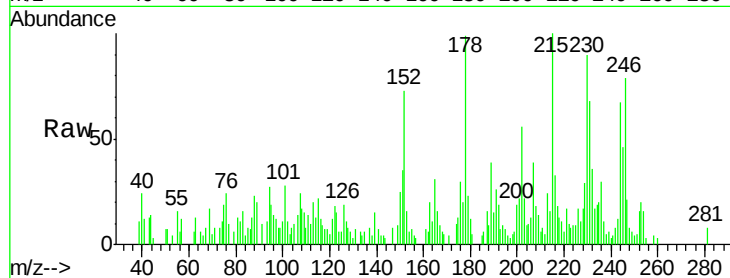
Tgt Ion:244 Resp: 6209

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

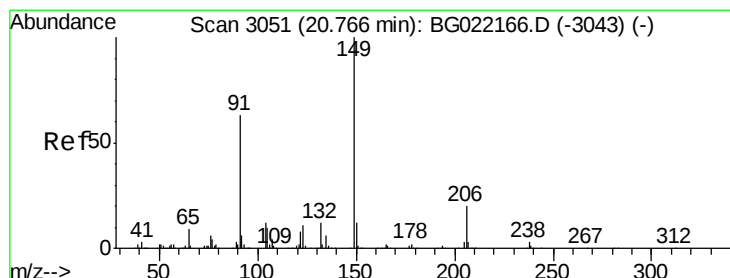
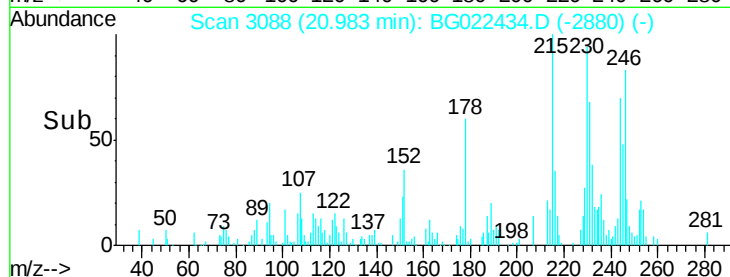
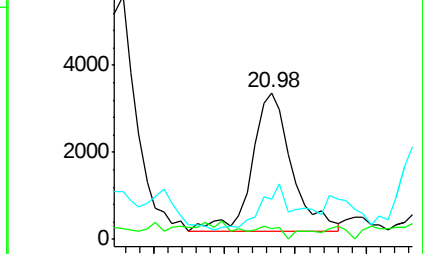
122 27.2 8.6 12.8#



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



#79

Butylbenzylphthalate

Concen: 6.84 ng

RT: 21.68 min Scan# 3207

Delta R.T. 0.94 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

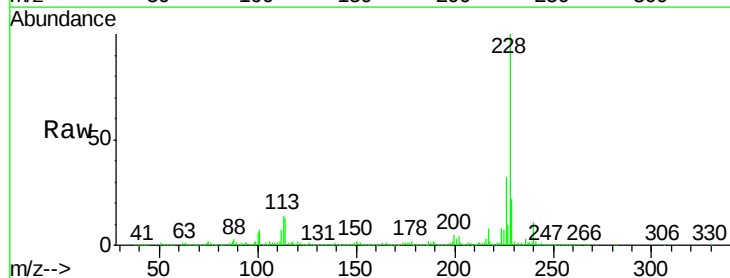
Tgt Ion:149 Resp: 4062

Ion Ratio Lower Upper

149 100

91 33.3 57.8 86.8#

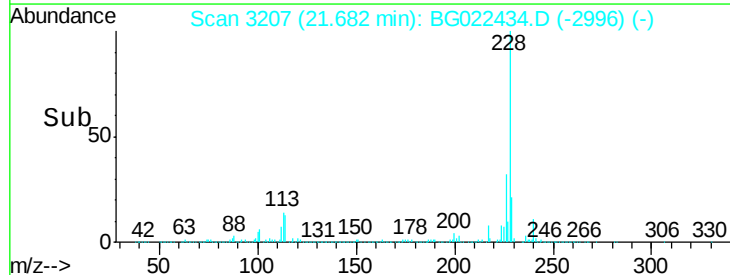
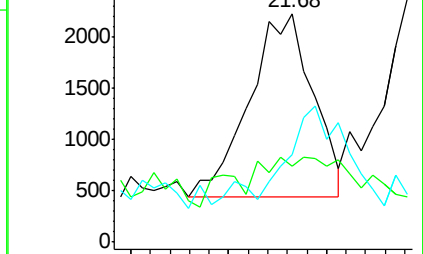
206 38.2 17.0 25.4#

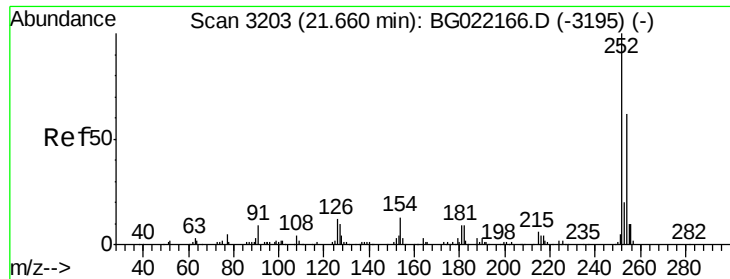


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

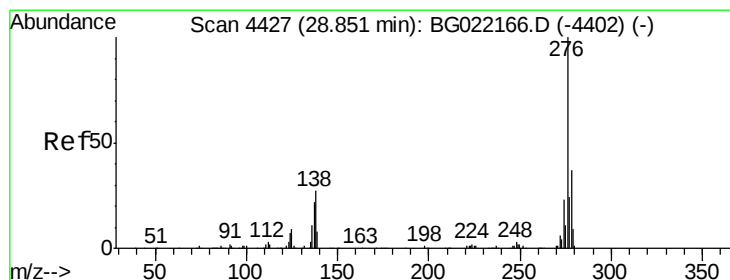
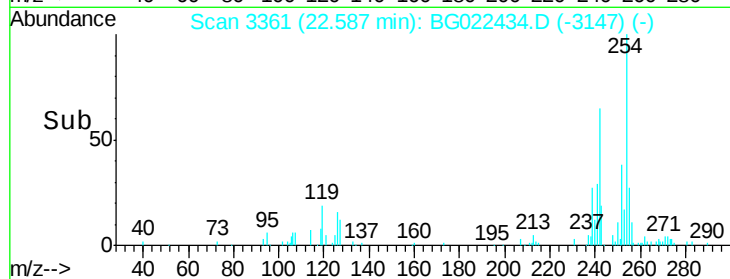
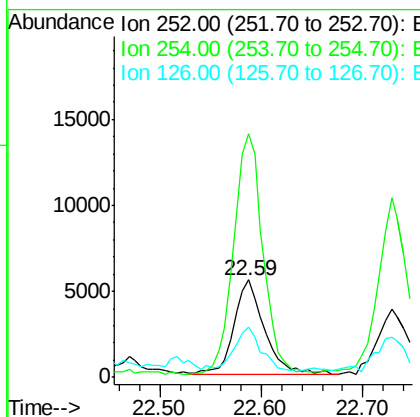
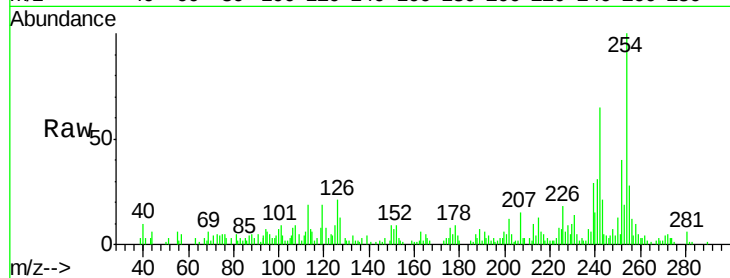




#81
 3,3'-Dichlorobenzidine
 Concen: 34.48 ng
 RT: 22.59 min Scan# 3361
 Delta R.T. 0.96 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

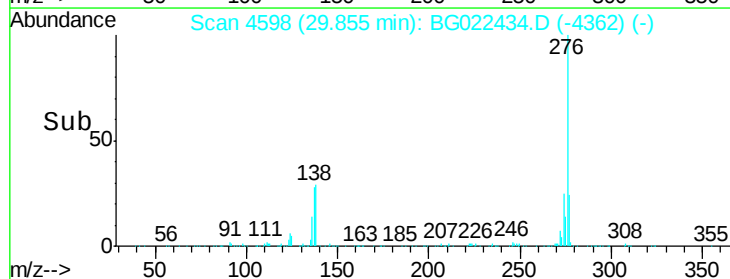
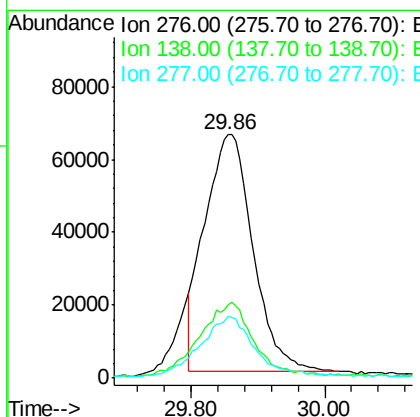
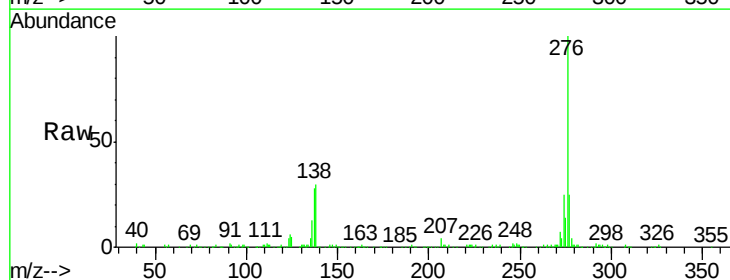
Instrument :
 BNA_G
 ClientSampleId :
 STA-1065-(0-4)

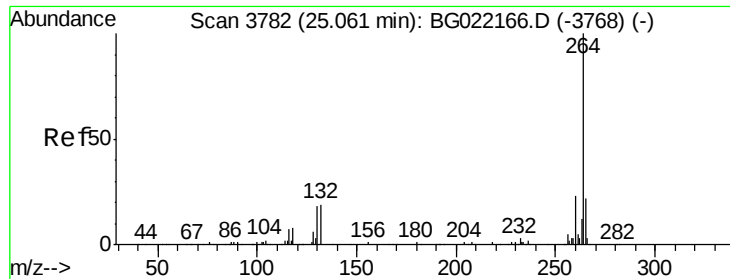
Tgt Ion:252 Resp: 11183
 Ion Ratio Lower Upper
 252 100
 254 250.3 51.8 77.6#
 126 52.1 8.8 13.2#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 258.58 ng
 RT: 29.86 min Scan# 4598
 Delta R.T. 1.09 min
 Lab File: BG022434.D
 Acq: 18 Jun 2016 21:58

Tgt Ion:276 Resp: 326131
 Ion Ratio Lower Upper
 276 100
 138 30.3 14.0 21.0#
 277 25.8 20.6 30.8

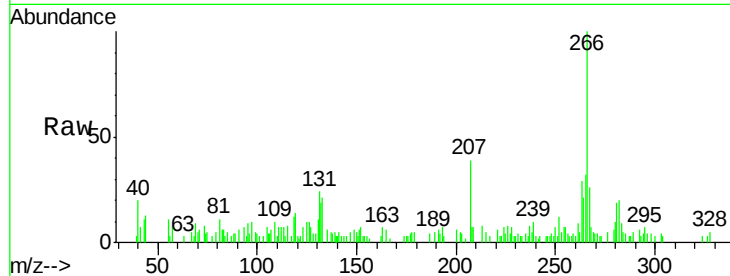




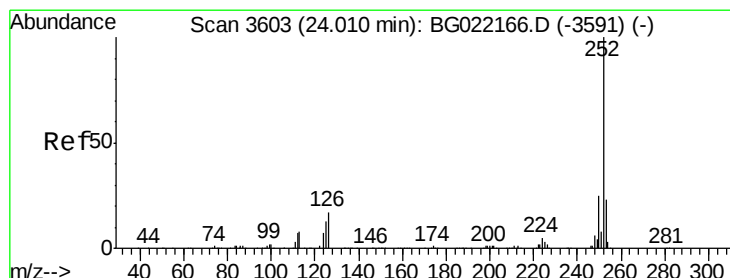
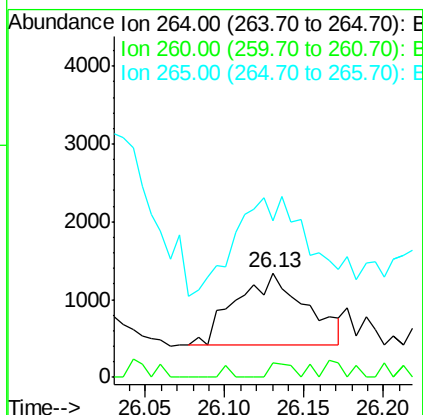
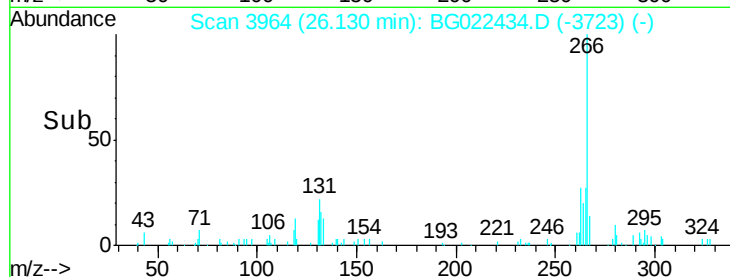
#86
Perylene-d12
Concen: 20.00 ng
RT: 26.13 min Scan# 3964
Delta R.T. 1.12 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

Tgt Ion:264 Resp: 2789
Ion Ratio Lower Upper
264 100
260 13.7 20.2 30.4#
265 150.1 17.8 26.8#

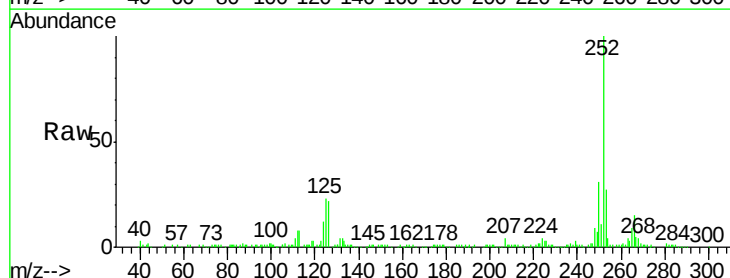


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

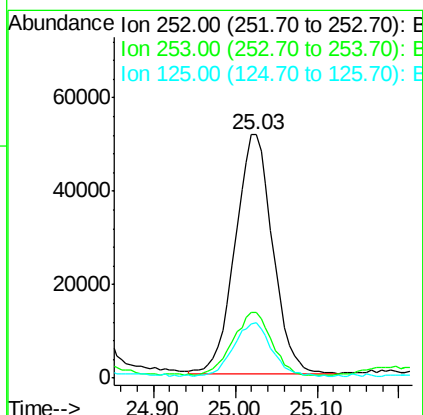
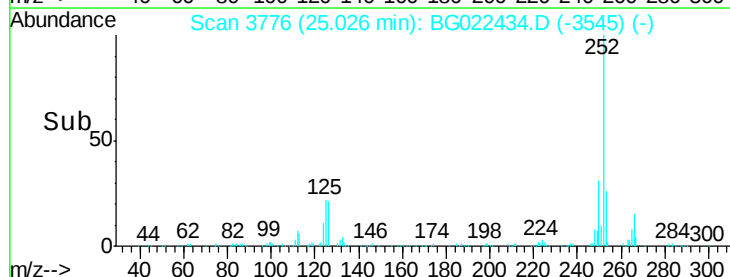


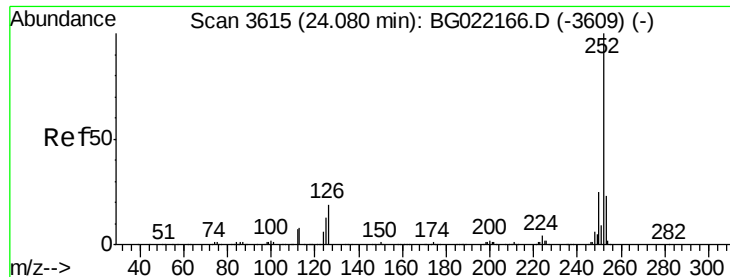
#87
Benzo(b)fluoranthene
Concen: 995.89 ng
RT: 25.03 min Scan# 3776
Delta R.T. 1.06 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:252 Resp: 161991
Ion Ratio Lower Upper
252 100
253 26.9 17.5 26.3#
125 22.5 8.6 13.0#



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

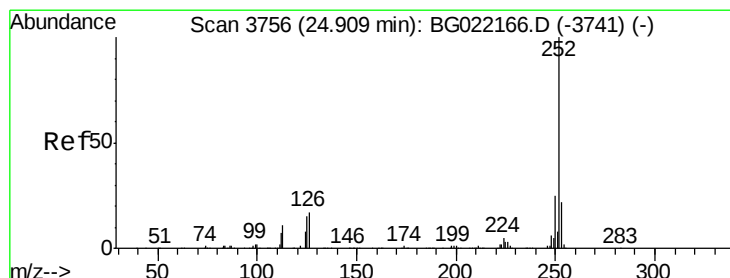
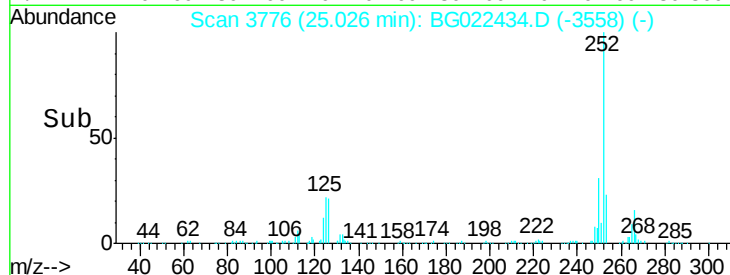
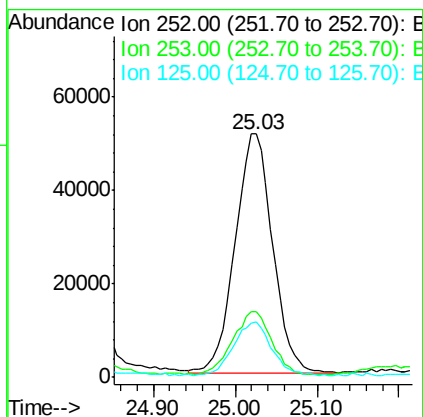
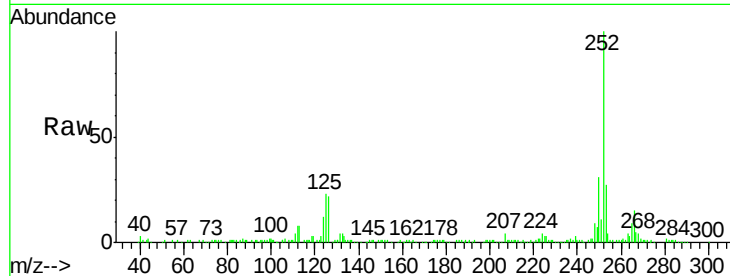




#88
Benzo(k)fluoranthene
Concen: 1011.65 ng
RT: 25.03 min Scan# 3776
Delta R.T. 0.98 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

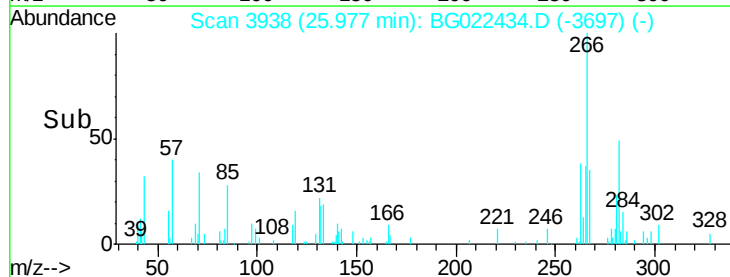
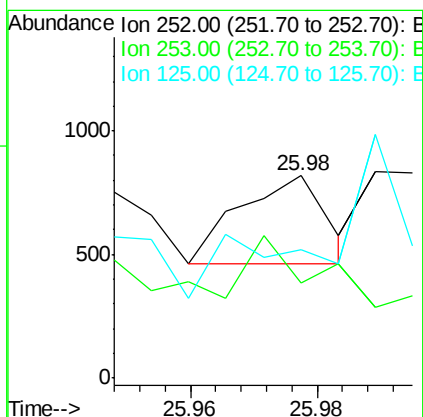
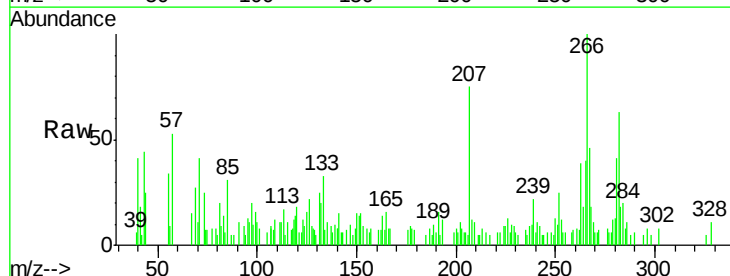
Instrument :
BNA_G
ClientSampleId :
STA-1065-(0-4)

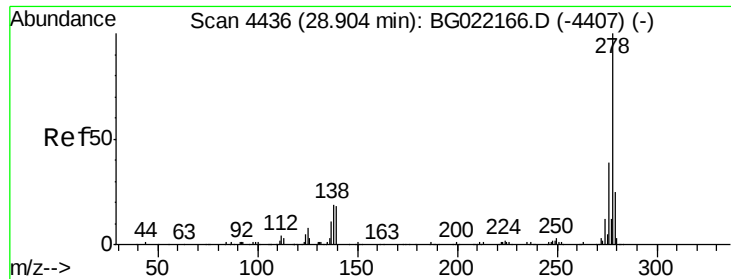
Tgt Ion:252 Resp: 161991
Ion Ratio Lower Upper
252 100
253 26.9 17.8 26.8#
125 22.5 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 25.98 min Scan# 3938
Delta R.T. 1.12 min
Lab File: BG022434.D
Acq: 18 Jun 2016 21:58

Tgt Ion:252 Resp: 338
Ion Ratio Lower Upper
252 100
253 46.9 17.1 25.7#
125 63.2 9.6 14.4#





#90

Dibenzo(a,h)anthracene

Concen: 2.40 ng

RT: 30.13 min Scan# 4644

Delta R.T. 1.30 min

Lab File: BG022434.D

Acq: 18 Jun 2016 21:58

Instrument :

BNA_G

ClientSampleId :

STA-1065-(0-4)

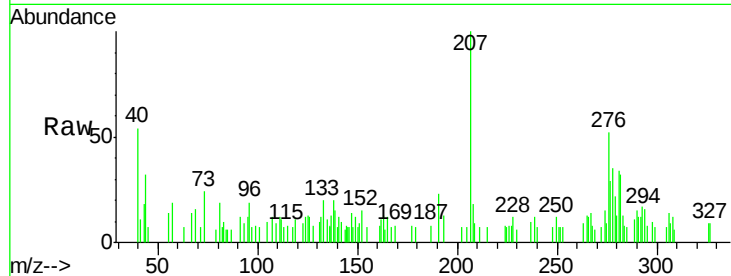
Tgt Ion: 278 Resp: 352

Ion Ratio Lower Upper

278 100

139 42.0 11.9 17.9#

279 64.0 18.2 27.2#



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

