

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016038.D
 Acq On : 25 Feb 2015 16:24
 Operator : TP/IZ
 Sample : G1354-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD9

Quant Time: Feb 26 00:44:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93151	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	432171	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	274533	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	573663	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	571335	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	568618	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	98661	11.13	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	59286	11.33	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	75965	11.59	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	73389	11.19	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	34887	11.42	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	26230	9.31	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	62049	10.15	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	95711	14.22	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	223352	12.17	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	293651	11.30	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	21455	5.81	ng/ul	0.00
55) Fluorene-d10	15.42	176	207671	11.26	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	9328	4.22	ng/ul	0.00
68) Anthracene-d10	17.27	188	304958	11.21	ng/ul	0.00
76) Pyrene-d10	19.56	212	309077	11.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	264142	10.24	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.95	77	6905	1.23	ng/ul	82
4) Phenol	6.99	94	12373	1.32	ng/ul	94
6) Bis(2-Chloroethyl)ether	7.24	93	336	0.05	ng/ul#	75
10) 2,2'-oxybis(1-Chloropropan	8.50	45	392	0.04	ng/ul#	67
12) Acetophenone	8.63	105	14338	1.44	ng/ul	96
13) N-Nitroso-di-n-propylamine	8.50	70	1629	0.29	ng/ul#	1
18) Nitrobenzene	8.97	77	77	0.01	ng/ul#	36
19) Isophorone	9.67	82	1298	0.08	ng/ul#	63
26) Naphthalene	10.65	128	184	0.01	ng/ul#	69
31) 4-Chloro-3-methylphenol	11.91	107	510	0.07	ng/ul#	19
40) 2-Nitroaniline	13.34	65	53	0.01	ng/ul#	2
42) Dimethylphthalate	13.89	163	94361	4.93	ng/ul	97
43) 2,6-Dinitrotoluene	13.89	165	1023	0.31	ng/ul#	36
45) Acenaphthylene	14.16	152	275	0.01	ng/ul#	60
47) Acenaphthene	14.50	153	508	0.03	ng/ul#	80
51) Dibenzofuran	14.83	168	346	0.01	ng/ul#	38
54) Diethylphthalate	15.25	149	4513	0.23	ng/ul	94
56) Fluorene	15.48	166	658	0.03	ng/ul#	91
67) Phenanthrene	17.22	178	8535	0.27	ng/ul	99
69) Anthracene	17.22	178	8535	0.26	ng/ul	98
72) Carbazole	17.58	167	537	0.02	ng/ul#	63
73) Di-n-butylphthalate	18.14	149	3549	0.11	ng/ul#	88
74) Fluoranthene	19.23	202	22789	0.65	ng/ul	98
77) Pyrene	19.59	202	22062	0.63	ng/ul#	94

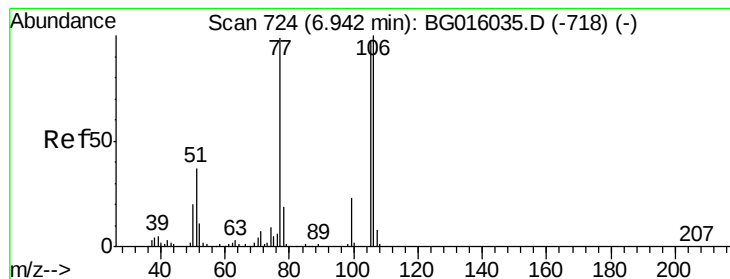
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016038.D
 Acq On : 25 Feb 2015 16:24
 Operator : TP/IZ
 Sample : G1354-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD9

Quant Time: Feb 26 00:44:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Butylbenzylphthalate	20.49	149	532	0.04	ng/ul#	69
79) 3,3'-Dichlorobenzidine	21.33	252	57	0.01	ng/ul#	1
80) Benzo(a)anthracene	21.33	228	13852	0.44	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.26	149	1533	0.09	ng/ul#	96
82) Chrysene	21.38	228	8938	0.30	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	130	0.00	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	13148	0.41	ng/ul	94
86) Benzo(k)fluoranthene	22.99	252	5265	0.17	ng/ul	97
88) Benzo(a)pyrene	23.54	252	11479	0.36	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.99	276	7133	0.19	ng/ul	97
90) Dibenzo(a,h)anthracene	26.03	278	804	0.03	ng/ul#	66
91) Benzo(g,h,i)perylene	26.71	276	7260	0.24	ng/ul#	85

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



#2

Benzaldehyde

Concen: 1.23 ng/ul

RT: 6.95 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

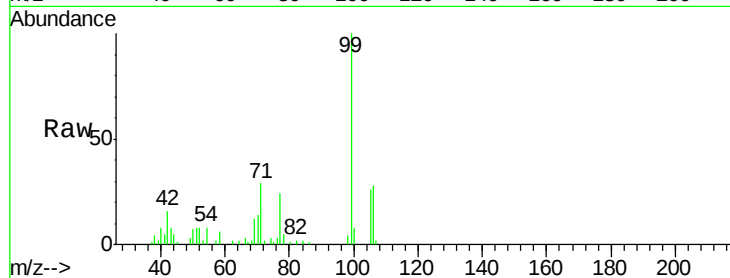
Tgt Ion: 77 Resp: 6905

Ion Ratio Lower Upper

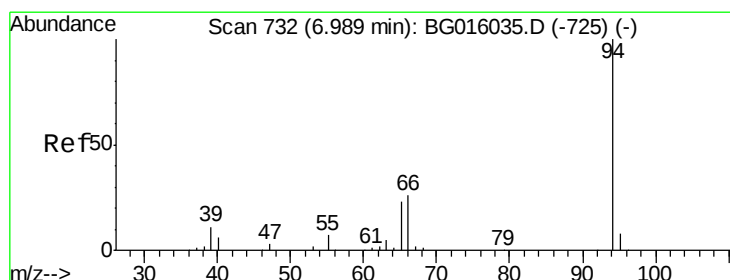
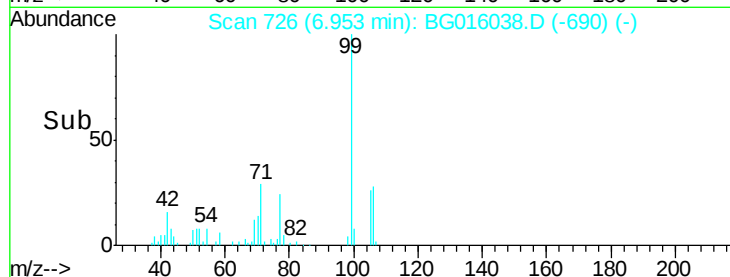
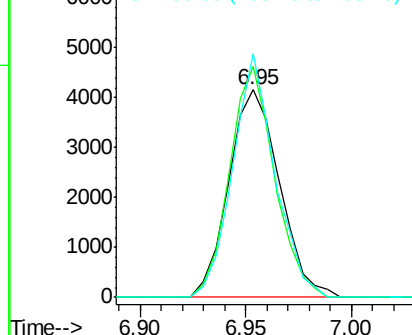
77 100

105 111.1 76.6 114.8

106 117.3 78.2 117.4



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



#4

Phenol

Concen: 1.32 ng/ul

RT: 6.99 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

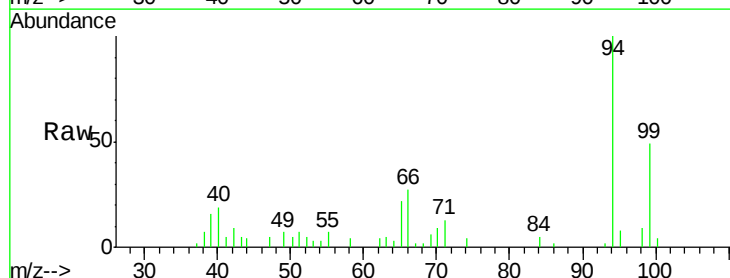
Tgt Ion: 94 Resp: 12373

Ion Ratio Lower Upper

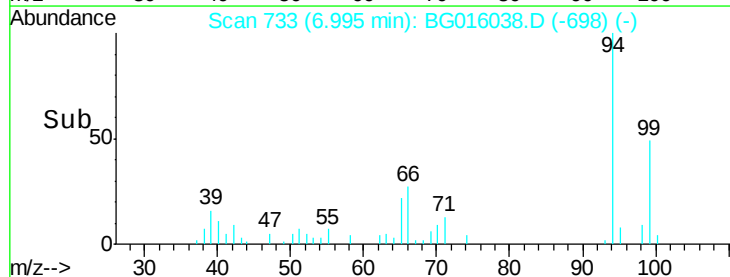
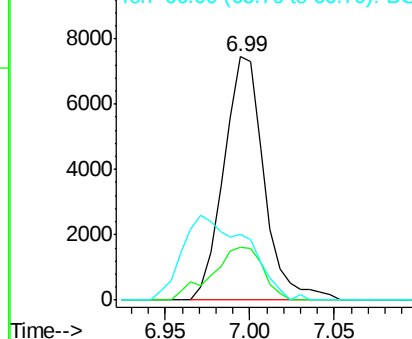
94 100

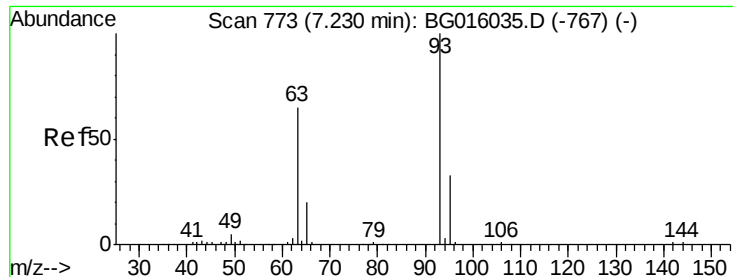
65 21.5 20.8 31.2

66 26.9 22.6 34.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



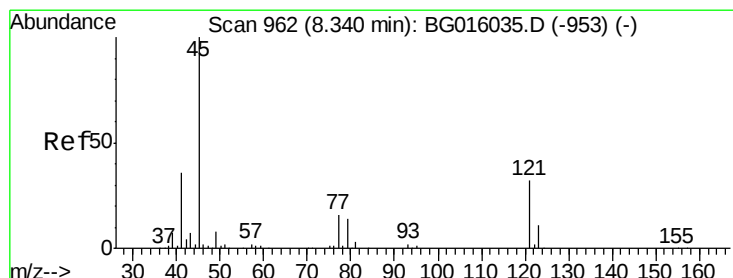
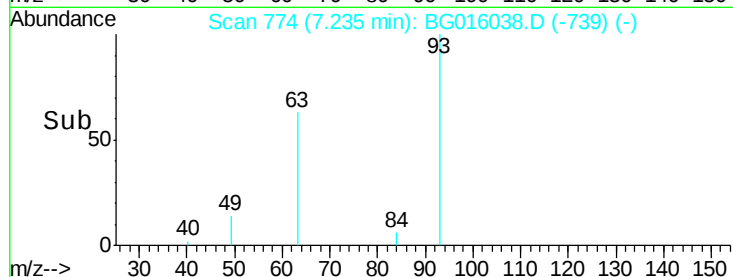
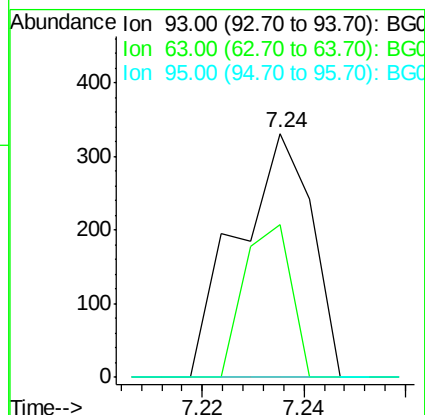
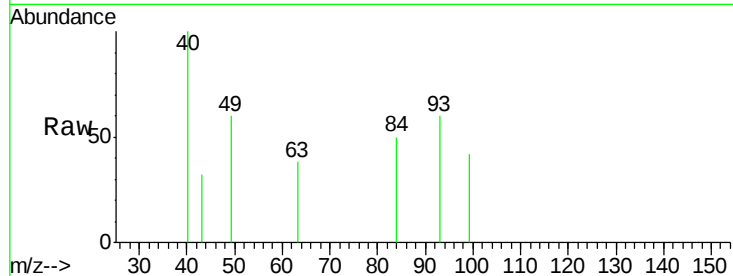


#6

Bis(2-Chloroethyl)ether
 Concen: 0.05 ng/ul
 RT: 7.24 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BG016038.D
 Acq: 25 Feb 2015 16:24

Instrument :
 BNA_G
 ClientSampleId :
 C0AD9

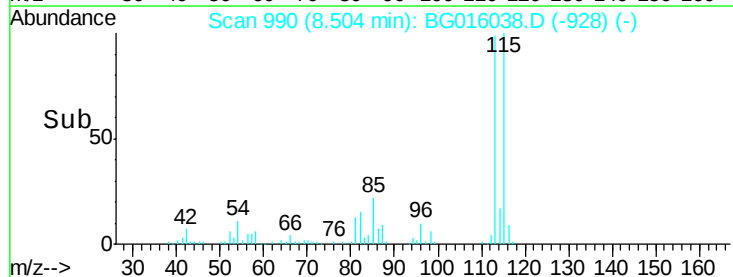
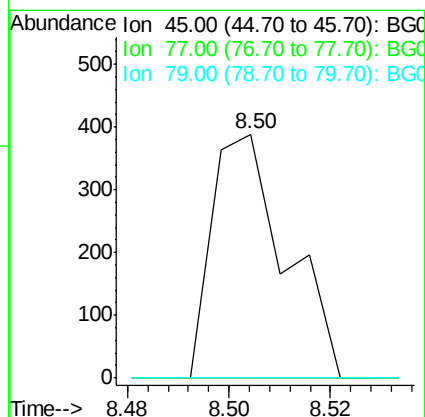
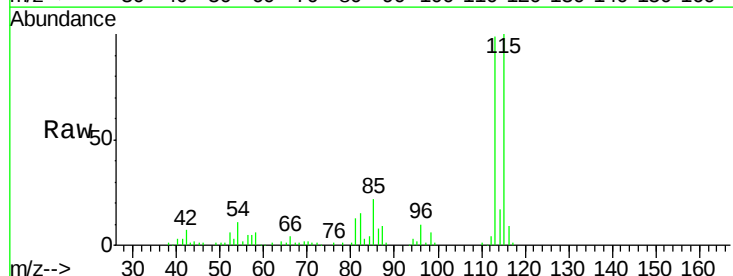
Tgt Ion: 93 Resp: 336
 Ion Ratio Lower Upper
 93 100
 63 62.8 57.5 86.3
 95 0.0 25.8 38.6#

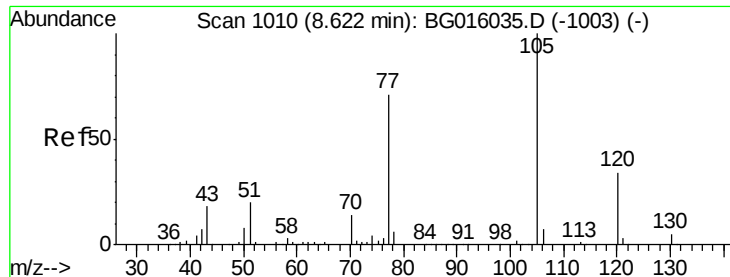


#10

2,2'-oxybis(1-Chloropropane)
 Concen: 0.04 ng/ul
 RT: 8.50 min Scan# 990
 Delta R.T. 0.16 min
 Lab File: BG016038.D
 Acq: 25 Feb 2015 16:24

Tgt Ion: 45 Resp: 392
 Ion Ratio Lower Upper
 45 100
 77 0.0 11.4 17.2#
 79 0.0 9.0 13.6#





#12

Acetophenone

Concen: 1.44 ng/ul

RT: 8.63 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

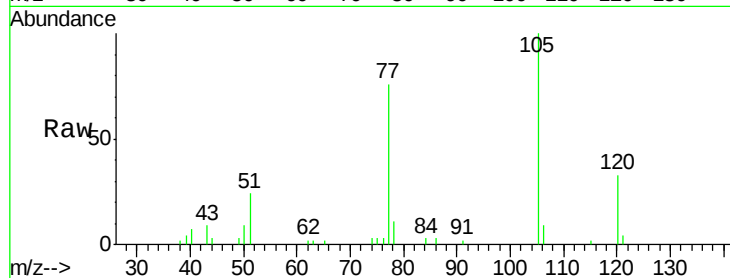
Tgt Ion: 105 Resp: 14338

Ion Ratio Lower Upper

105 100

77 76.1 64.9 97.3

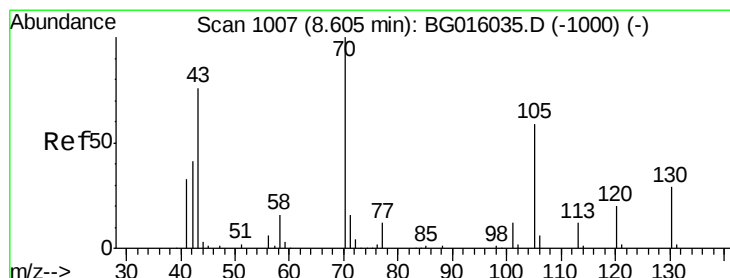
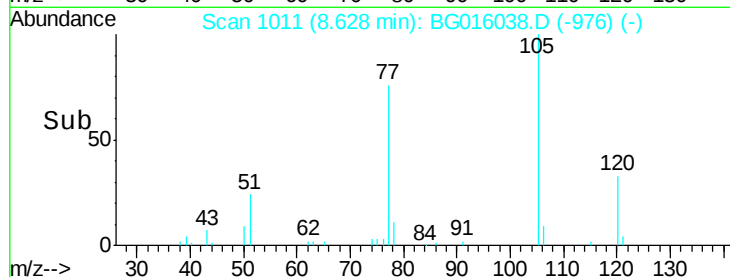
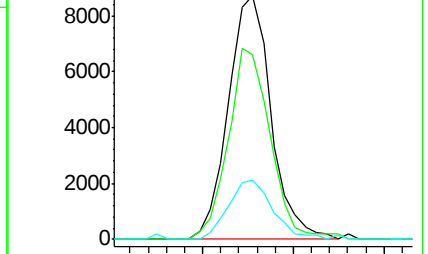
51 24.2 19.4 29.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#13

N-Nitroso-di-n-propylamine

Concen: 0.29 ng/ul

RT: 8.50 min Scan# 990

Delta R.T. -0.10 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Tgt Ion: 70 Resp: 1629

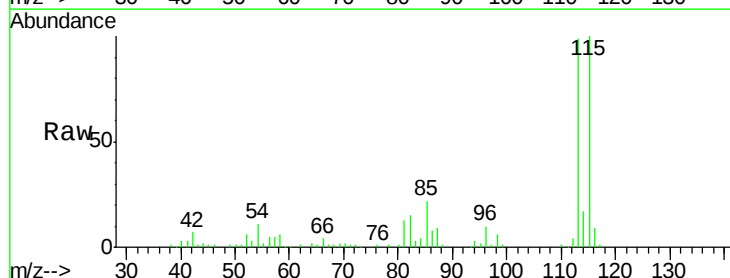
Ion Ratio Lower Upper

70 100

42 350.1 37.8 56.6#

101 0.0 9.3 13.9#

130 0.0 22.2 33.2#

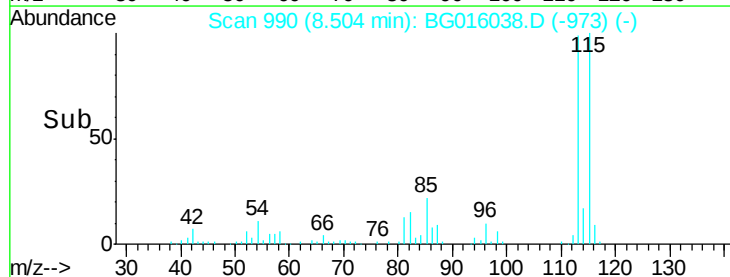
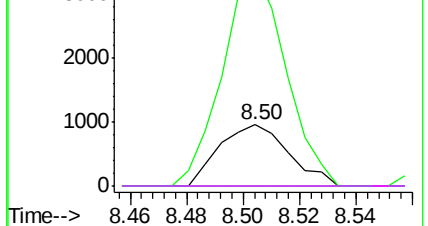


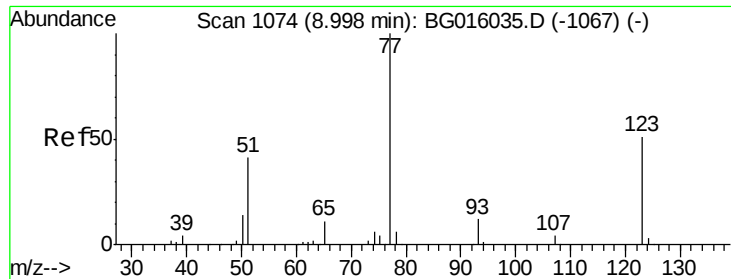
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

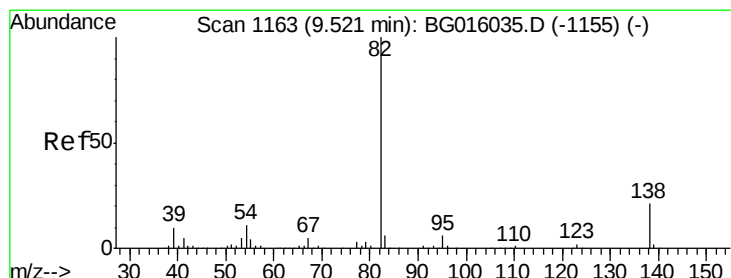
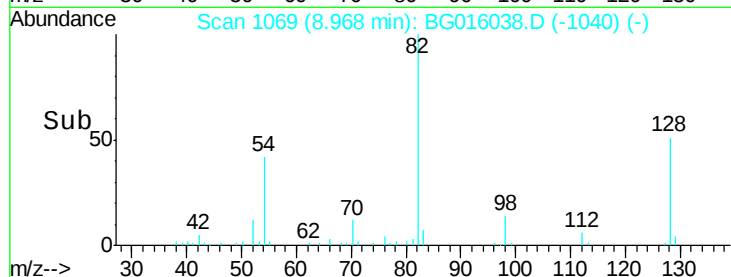
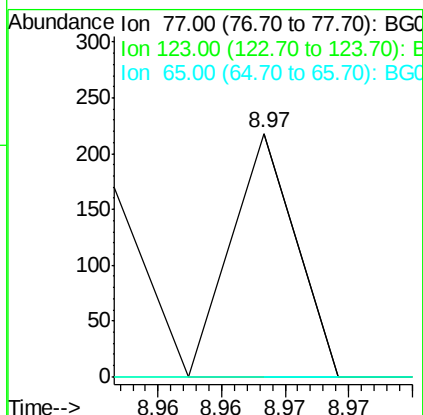
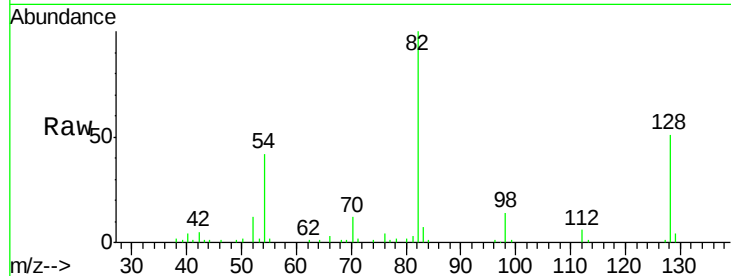




#18
 Nitrobenzene
 Concen: 0.01 ng/ul
 RT: 8.97 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BG016038.D
 Acq: 25 Feb 2015 16:24

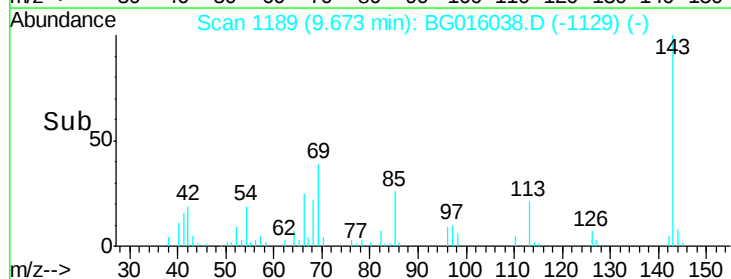
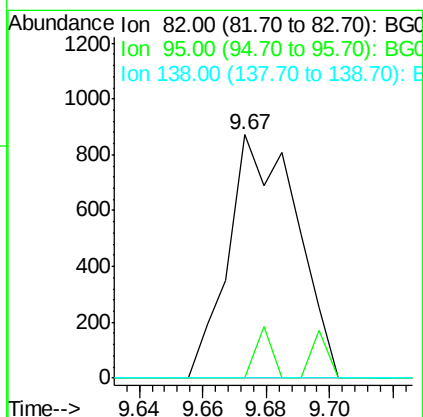
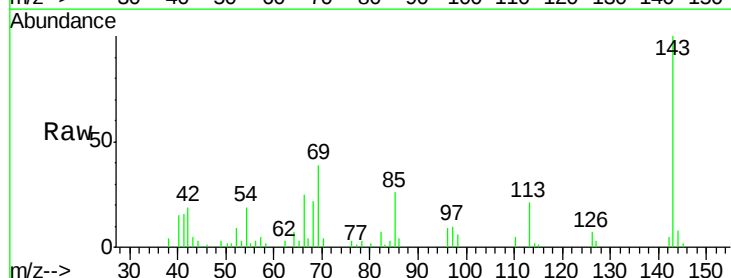
Instrument :
 BNA_G
 ClientSampleId :
 C0AD9

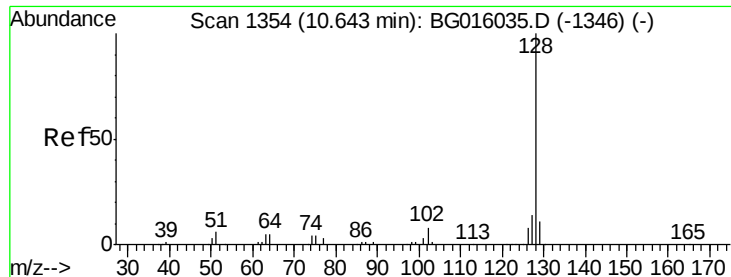
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.9	59.9#
65	0.0	11.0	16.6#



#19
 Isophorone
 Concen: 0.08 ng/ul
 RT: 9.67 min Scan# 1189
 Delta R.T. 0.15 min
 Lab File: BG016038.D
 Acq: 25 Feb 2015 16:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.6	6.8#
138	0.0	15.4	23.2#





#26

Naphthalene

Concen: 0.01 ng/ul

RT: 10.65 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

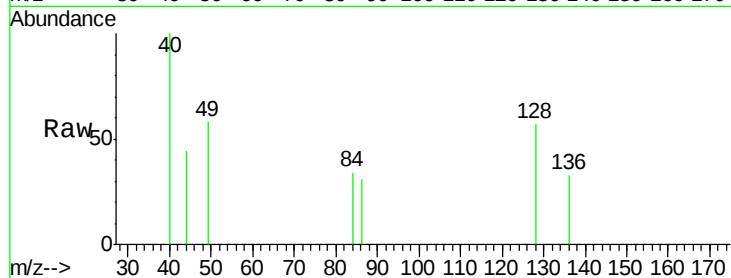
Tgt Ion:128 Resp: 184

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.4 15.6#



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

10.65

300

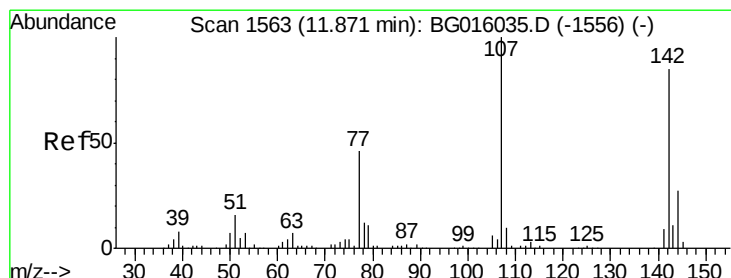
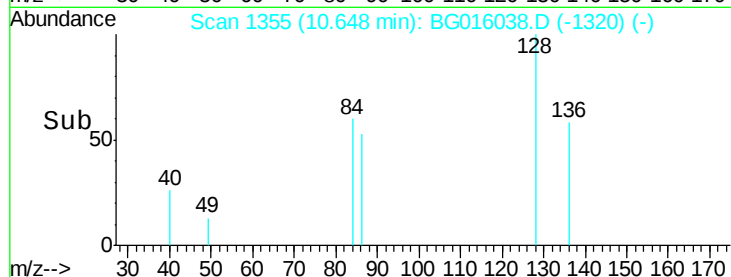
200

100

0

10.64 10.65 10.66

Time-->



#31

4-Chloro-3-methylphenol

Concen: 0.07 ng/ul

RT: 11.91 min Scan# 1570

Delta R.T. 0.04 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

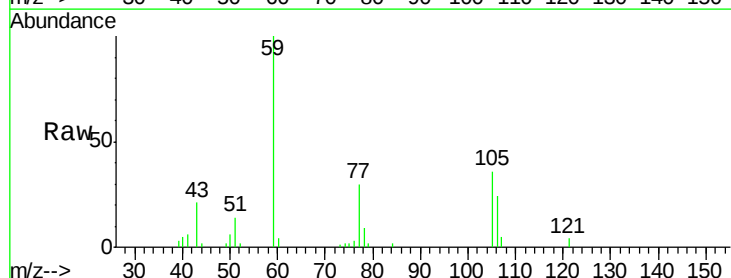
Tgt Ion:107 Resp: 510

Ion Ratio Lower Upper

107 100

144 0.0 21.1 31.7#

142 0.0 63.7 95.5#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

11.91

600

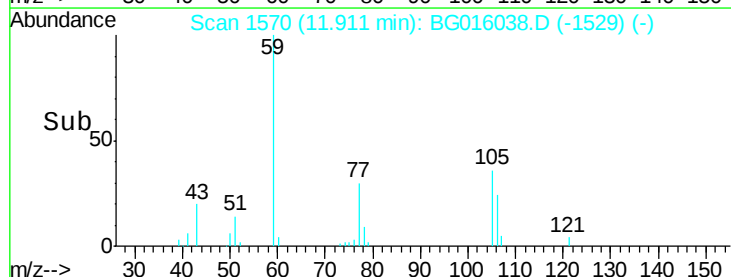
400

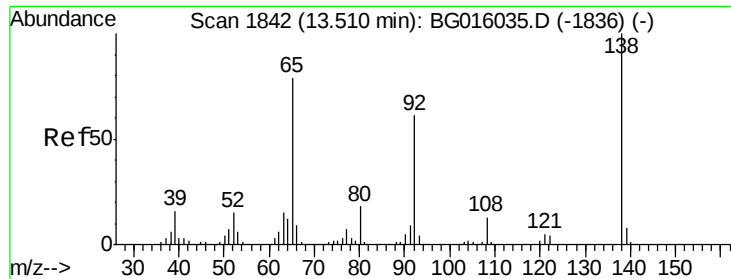
200

0

11.88 11.90 11.92

Time-->

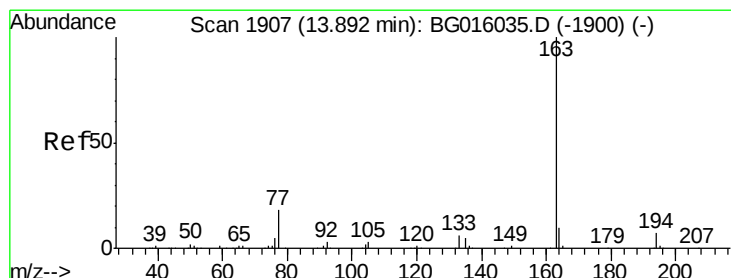
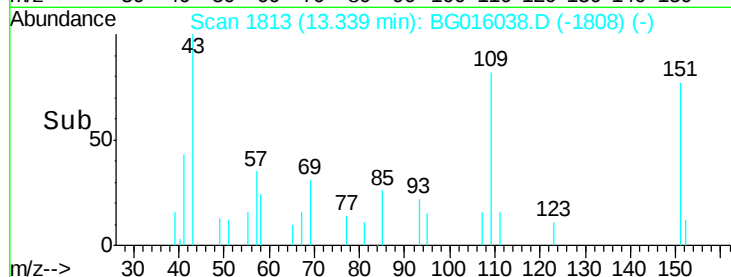
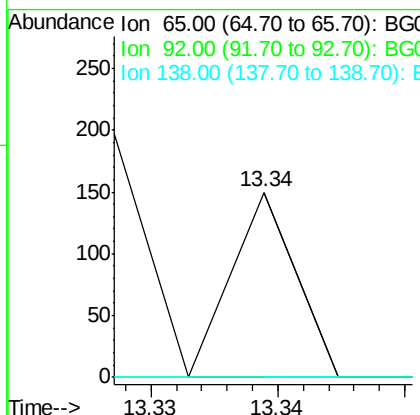
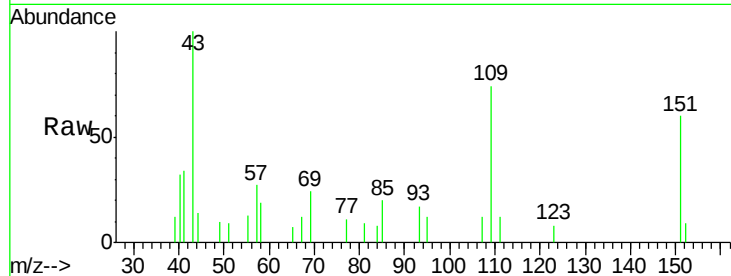




#40
2-Nitroaniline
Concen: 0.01 ng/ul
RT: 13.34 min Scan# 1813
Delta R.T. -0.17 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

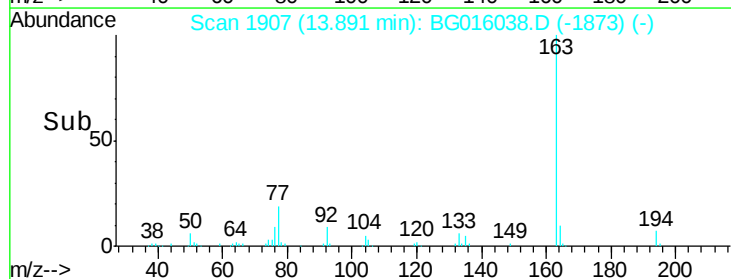
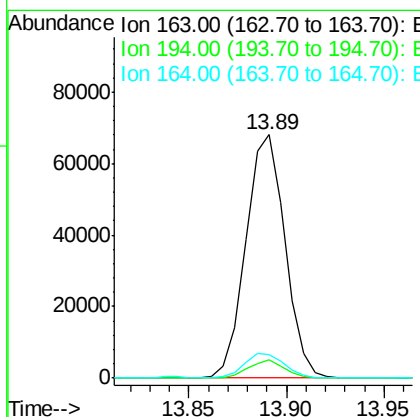
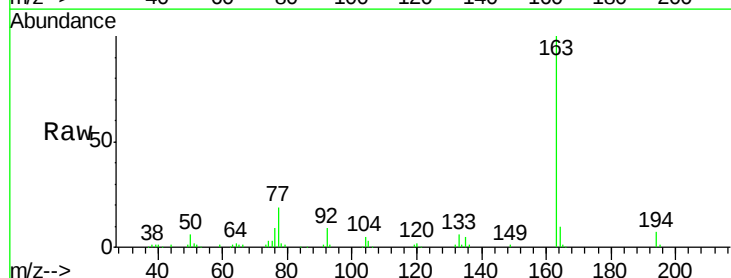
Instrument :
BNA_G
ClientSampleId :
C0AD9

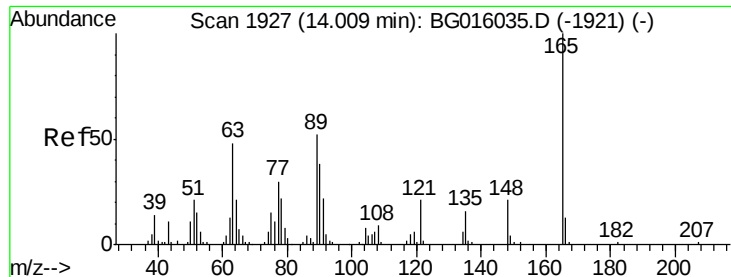
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 58.4 87.6#
138 0.0 91.0 136.4#



#42
Dimethylphthalate
Concen: 4.93 ng/ul
RT: 13.89 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

Tgt Ion: 163 Resp: 94361
Ion Ratio Lower Upper
163 100
194 7.4 5.3 7.9
164 9.5 8.5 12.7

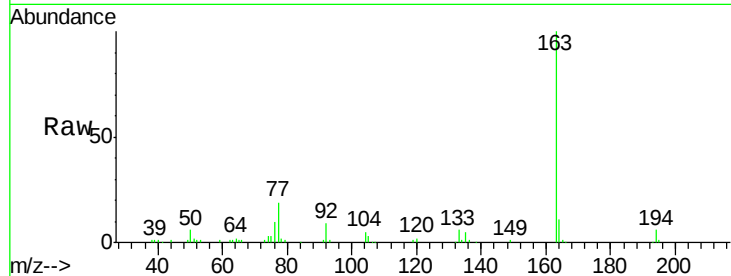




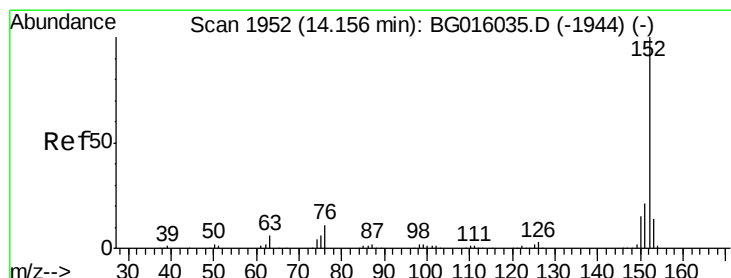
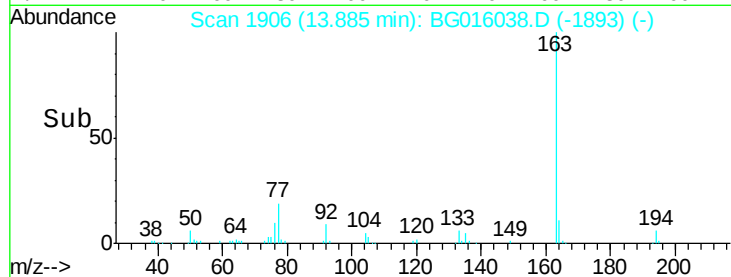
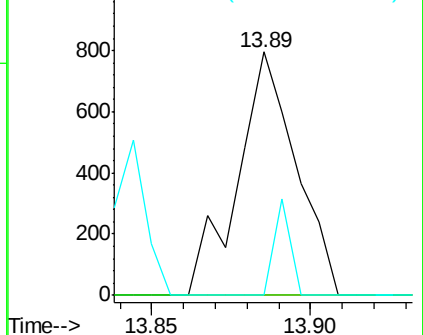
#43
 2,6-Dinitrotoluene
 Concen: 0.31 ng/ul
 RT: 13.89 min Scan# 1906
 Delta R.T. -0.12 min
 Lab File: BG016038.D
 Acq: 25 Feb 2015 16:24

Instrument :
 BNA_G
 ClientSampled :
 C0AD9

Tgt Ion:165 Resp: 1023
 Ion Ratio Lower Upper
 165 100
 89 0.0 39.8 59.8#
 121 0.0 15.8 23.6#

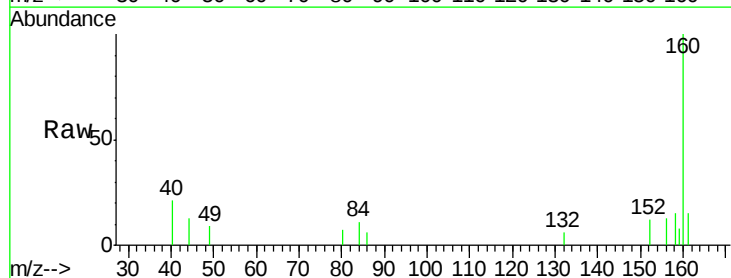


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 121.00 (120.70 to 121.70): E

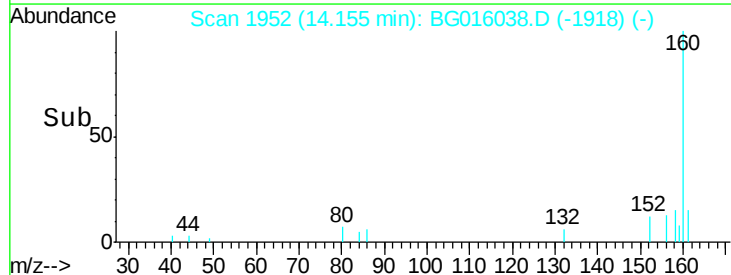
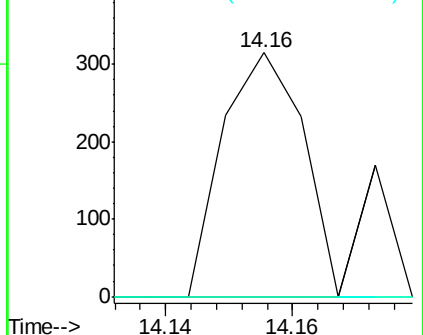


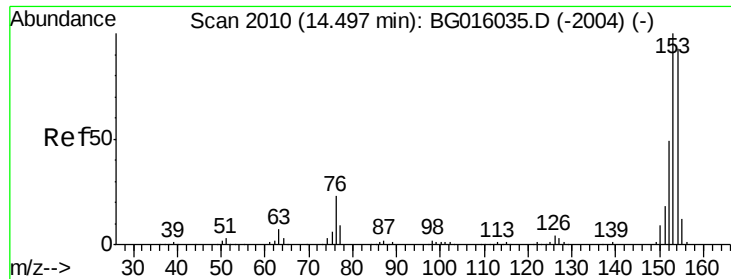
#45
 Acenaphthylene
 Concen: 0.01 ng/ul
 RT: 14.16 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG016038.D
 Acq: 25 Feb 2015 16:24

Tgt Ion:152 Resp: 275
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.2 24.4#
 153 0.0 10.7 16.1#



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





#47

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.50 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

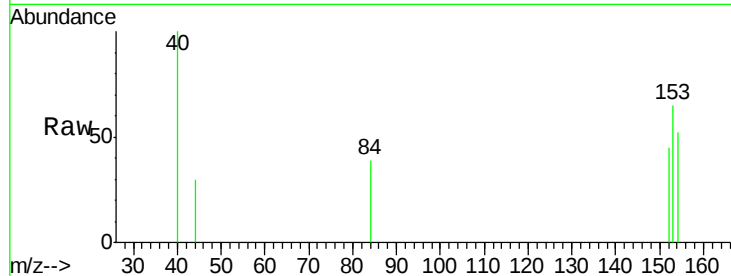
Tgt Ion:153 Resp: 508

Ion Ratio Lower Upper

153 100

152 69.1 38.6 58.0#

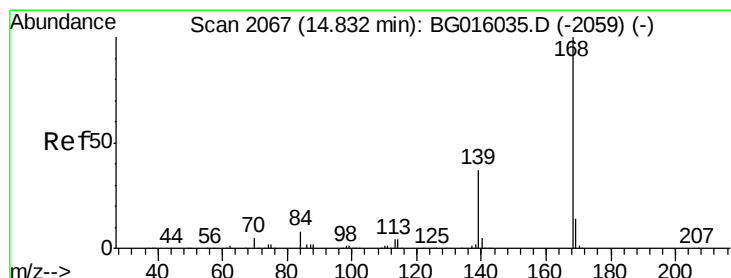
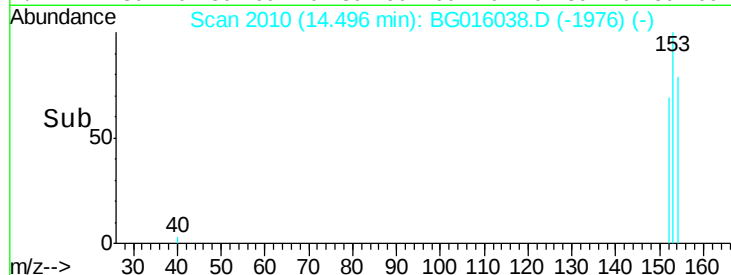
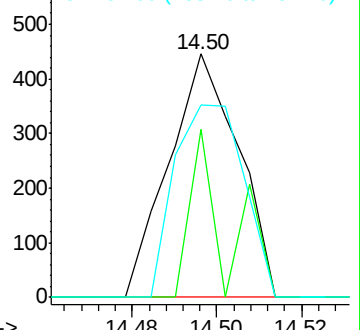
154 79.1 74.6 111.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

Dibenzofuran

Concen: 0.01 ng/ul

RT: 14.83 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BG016038.D

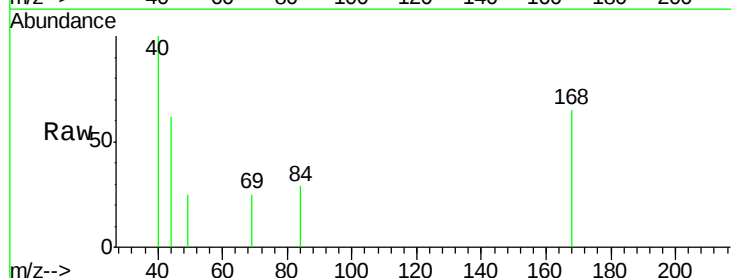
Acq: 25 Feb 2015 16:24

Tgt Ion:168 Resp: 346

Ion Ratio Lower Upper

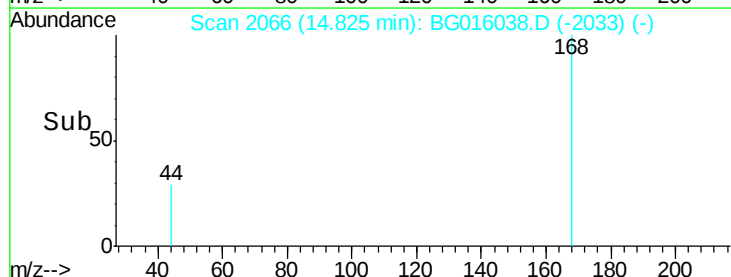
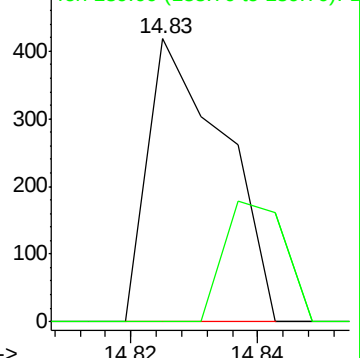
168 100

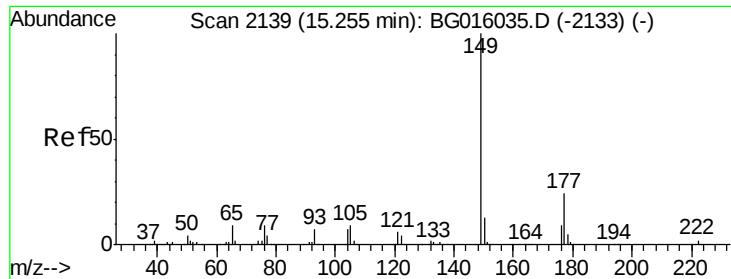
139 0.0 29.7 44.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

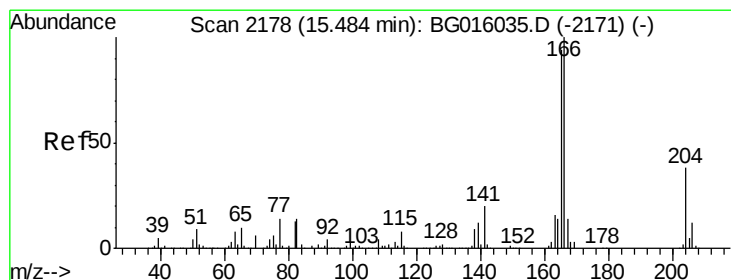
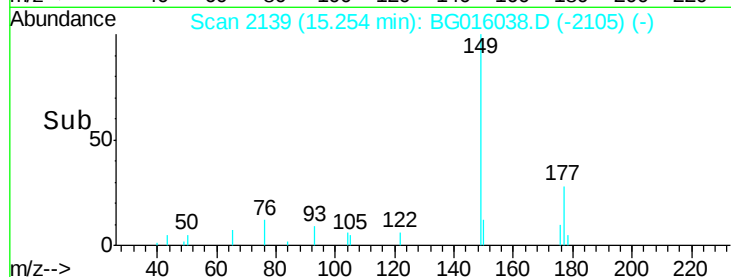
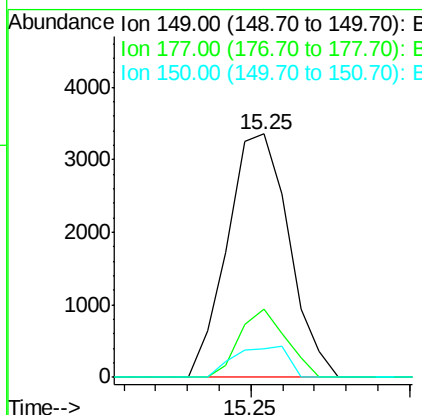
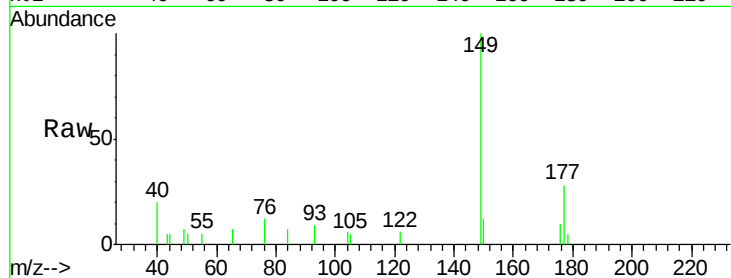




#54
Diethylphthalate
Concen: 0.23 ng/ul
RT: 15.25 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

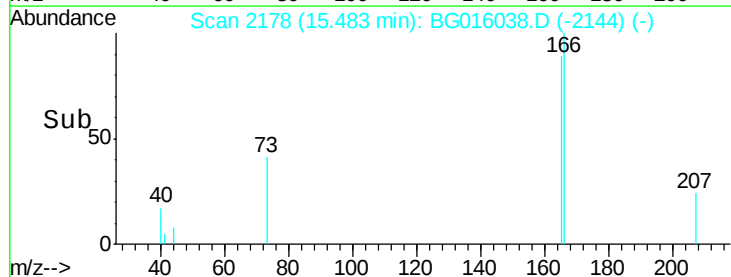
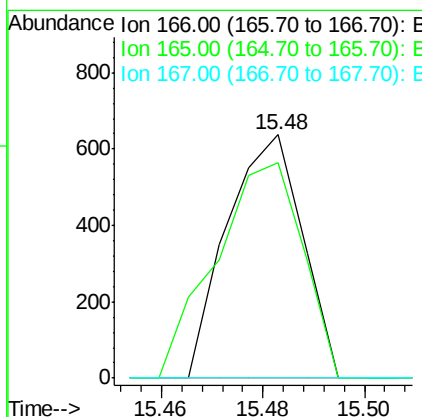
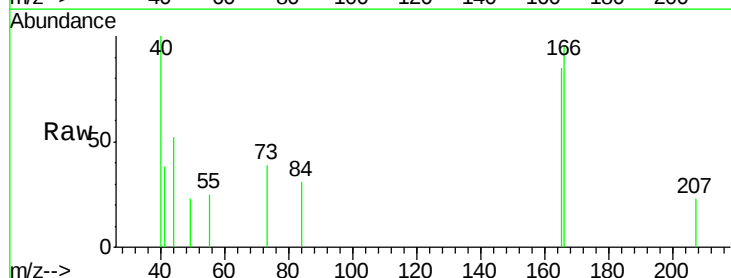
Instrument :
BNA_G
ClientSampleId :
C0AD9

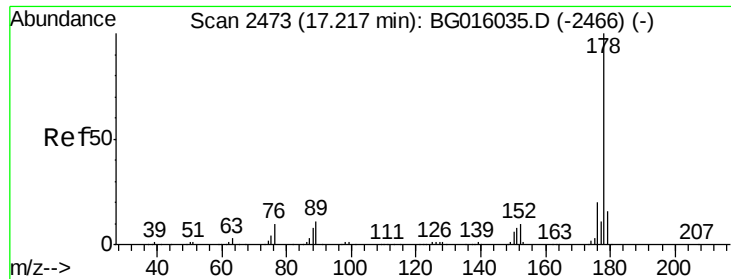
Tgt Ion:149 Resp: 4513
Ion Ratio Lower Upper
149 100
177 28.2 19.3 28.9
150 11.9 10.2 15.4



#56
Fluorene
Concen: 0.03 ng/ul
RT: 15.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

Tgt Ion:166 Resp: 658
Ion Ratio Lower Upper
166 100
165 88.7 75.4 113.2
167 0.0 11.0 16.4#





#67

Phenanthrene

Concen: 0.27 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

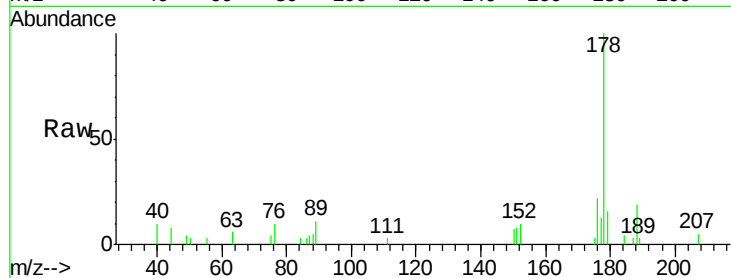
Tgt Ion:178 Resp: 8535

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

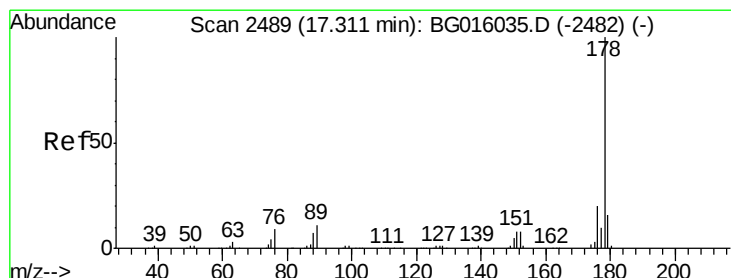
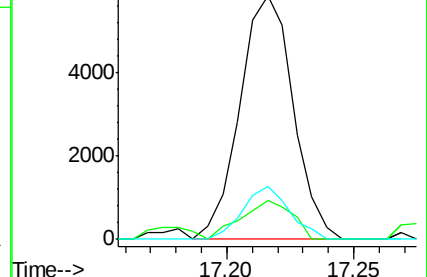
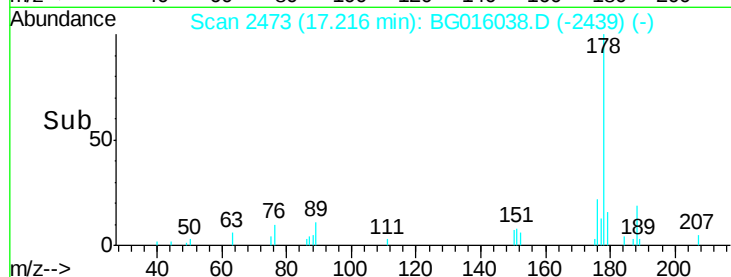
176 21.6 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#69

Anthracene

Concen: 0.26 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. -0.09 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

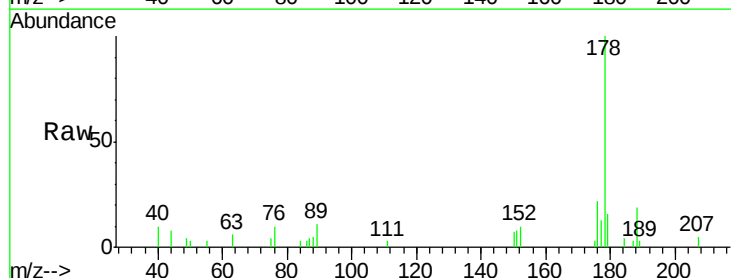
Tgt Ion:178 Resp: 8535

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

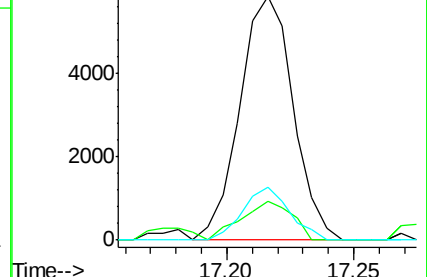
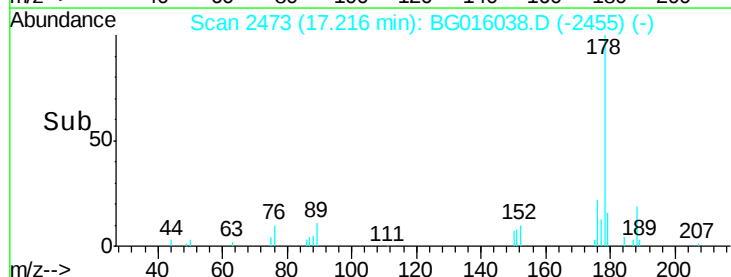
176 21.6 15.7 23.5

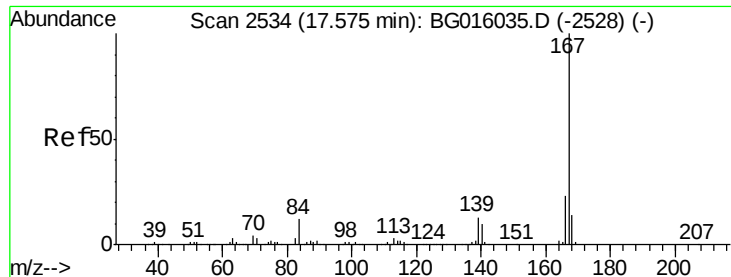


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.02 ng/ul

RT: 17.58 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

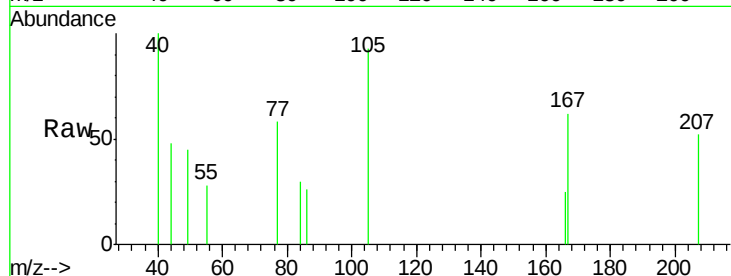
Tgt Ion:167 Resp: 537

Ion Ratio Lower Upper

167 100

166 40.8 17.5 26.3#

139 0.0 10.7 16.1#

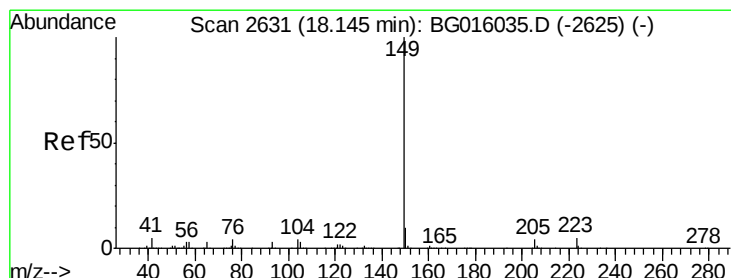
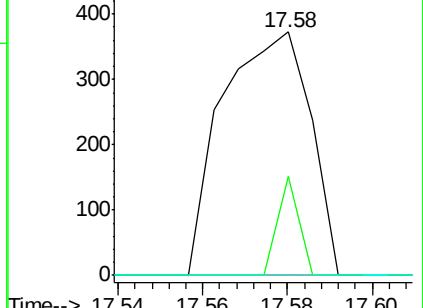
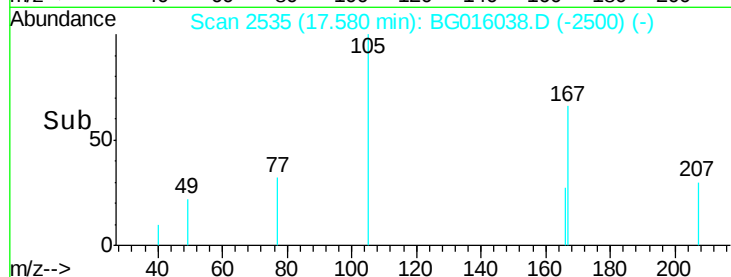


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.54 17.56 17.58 17.60



#73

Di-n-butylphthalate

Concen: 0.11 ng/ul

RT: 18.14 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

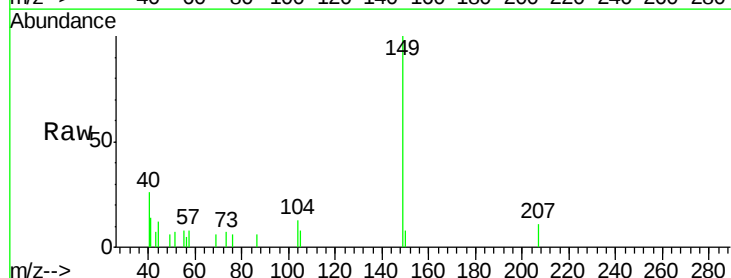
Tgt Ion:149 Resp: 3549

Ion Ratio Lower Upper

149 100

150 7.8 7.6 11.4

104 13.2 3.7 5.5#

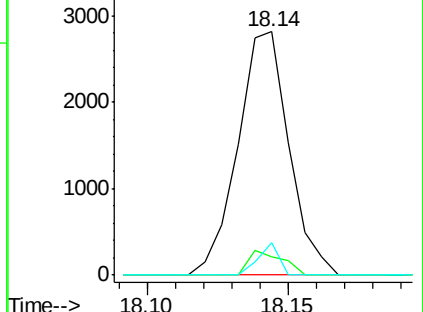
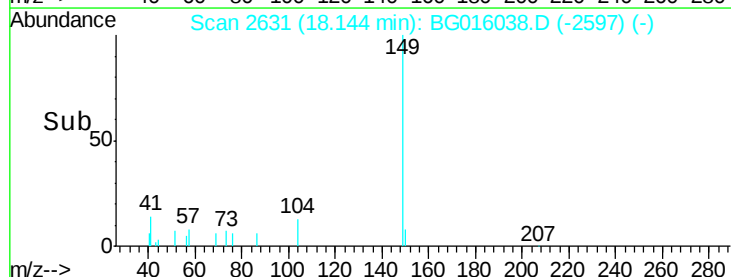


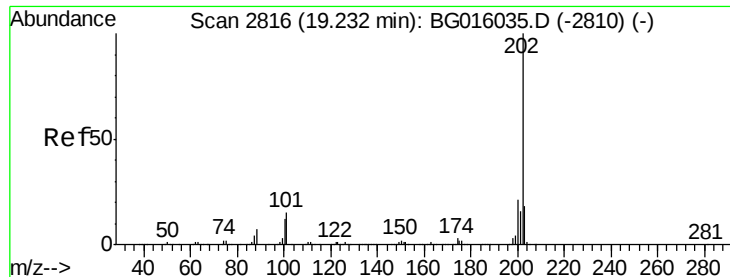
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 18.10 18.15





#74

Fluoranthene

Concen: 0.65 ng/ul

RT: 19.23 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

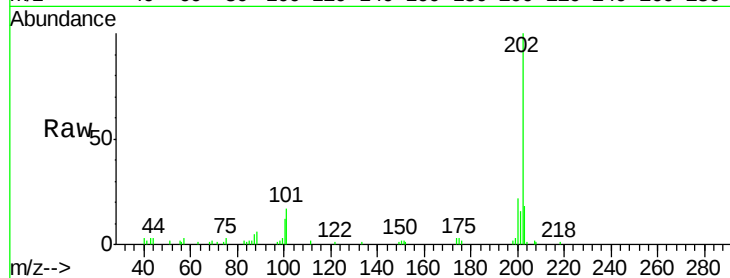
Tgt Ion:202 Resp: 22789

Ion Ratio Lower Upper

202 100

101 16.7 12.3 18.5

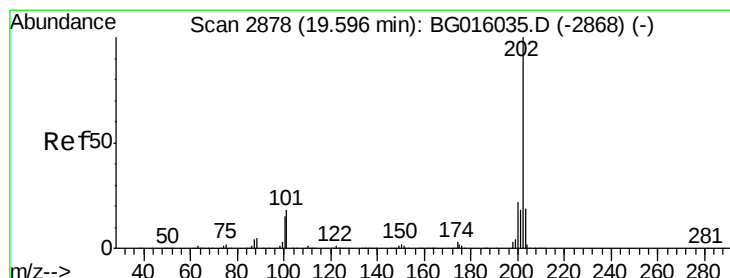
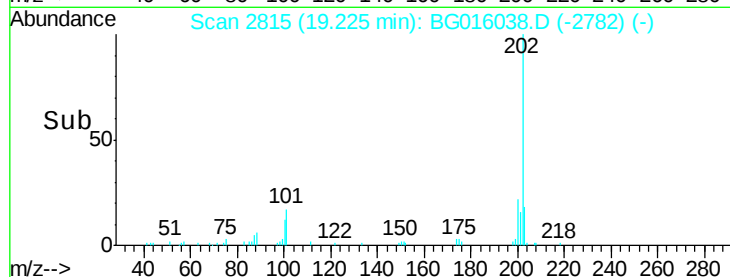
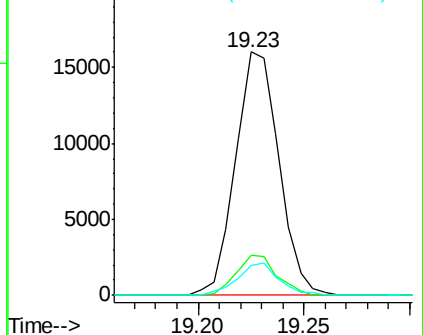
100 12.3 9.8 14.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 0.63 ng/ul

RT: 19.59 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

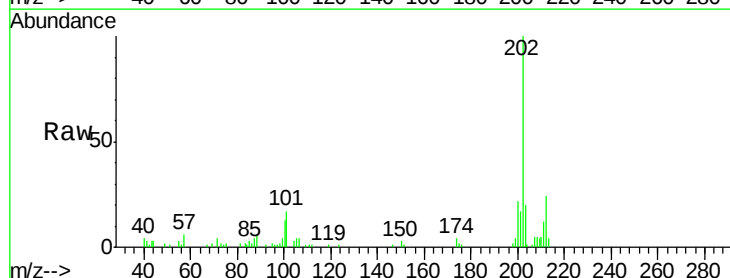
Tgt Ion:202 Resp: 22062

Ion Ratio Lower Upper

202 100

101 17.4 15.8 23.8

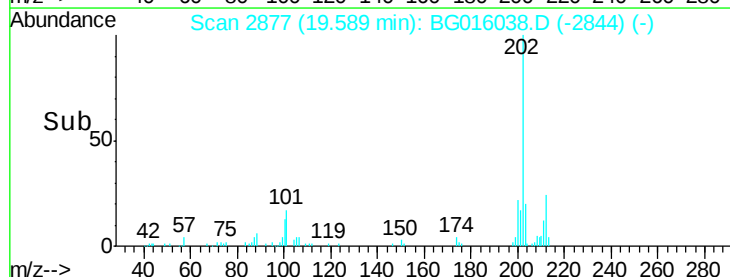
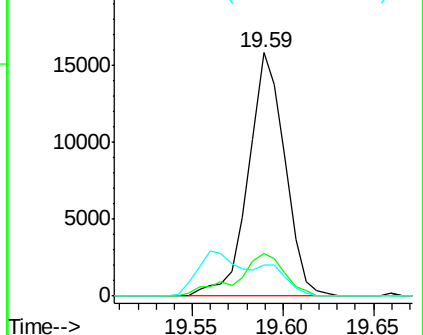
100 12.7 12.7 19.1#

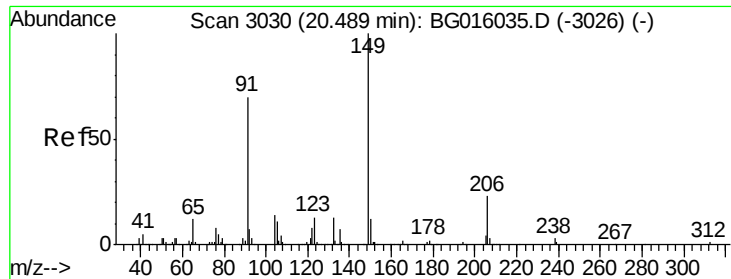


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

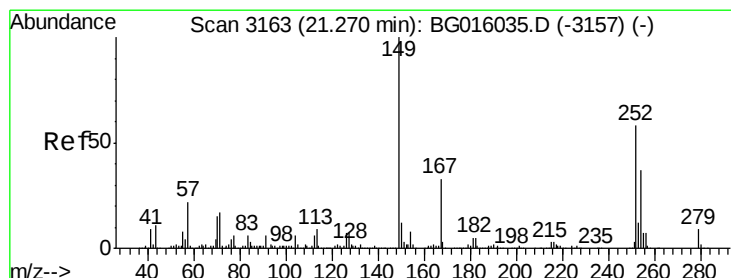
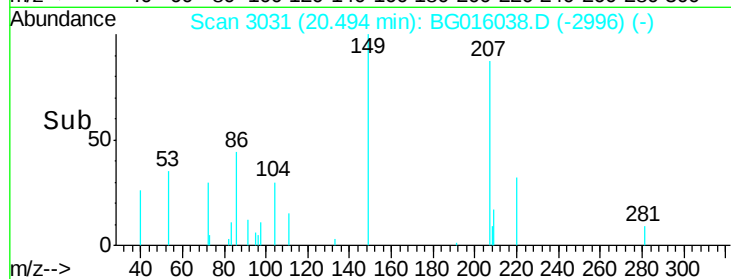
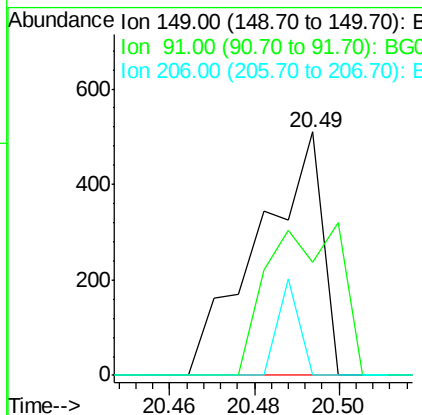
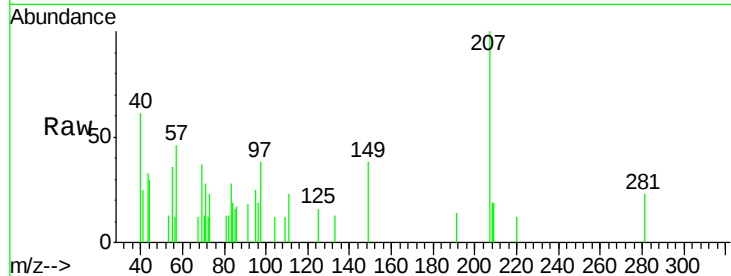




#78
Butylbenzylphthalate
Concen: 0.04 ng/ul
RT: 20.49 min Scan# 3031
Delta R.T. 0.01 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

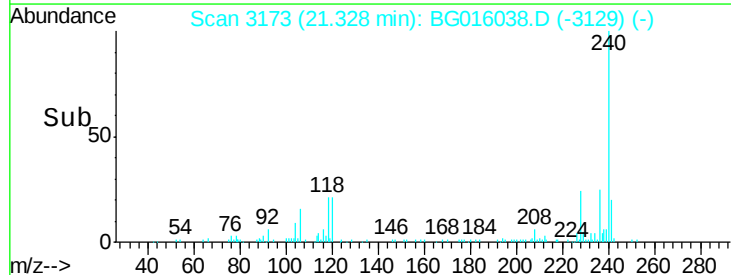
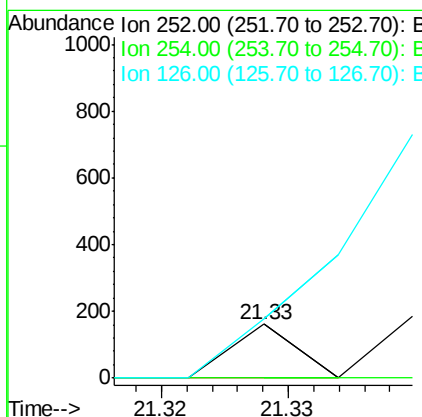
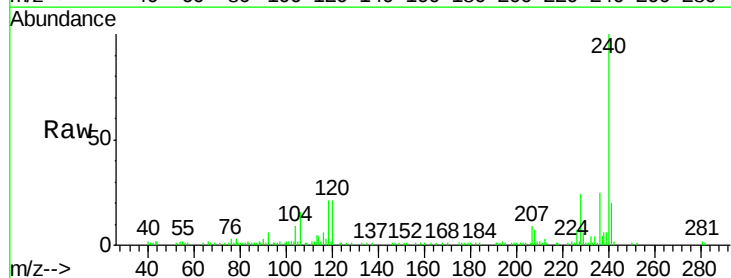
Instrument :
BNA_G
ClientSampleId :
C0AD9

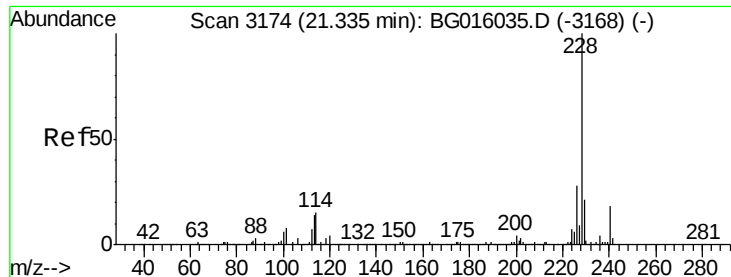
Tgt Ion:149 Resp: 532
Ion Ratio Lower Upper
149 100
91 46.7 53.6 80.4#
206 0.0 19.1 28.7#



#79
3,3'-Dichlorobenzidine
Concen: 0.01 ng/ul
RT: 21.33 min Scan# 3173
Delta R.T. 0.06 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
254 0.0 52.3 78.5#
126 108.6 10.5 15.7#





#80

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 21.33 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

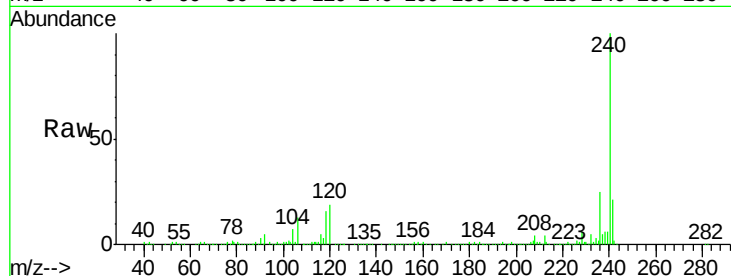
Tgt Ion:228 Resp: 13852

Ion Ratio Lower Upper

228 100

229 23.3 16.4 24.6

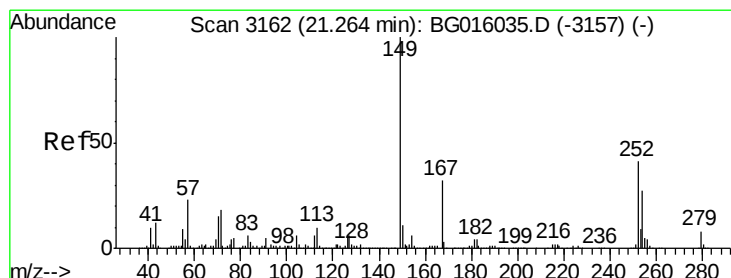
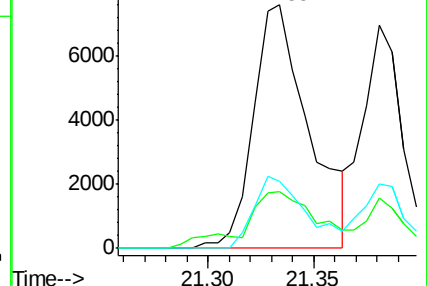
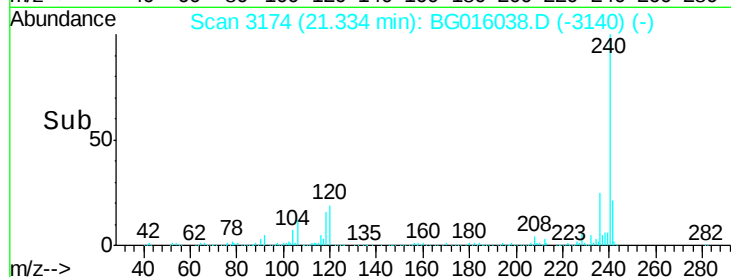
226 27.5 22.8 34.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng/ul

RT: 21.26 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

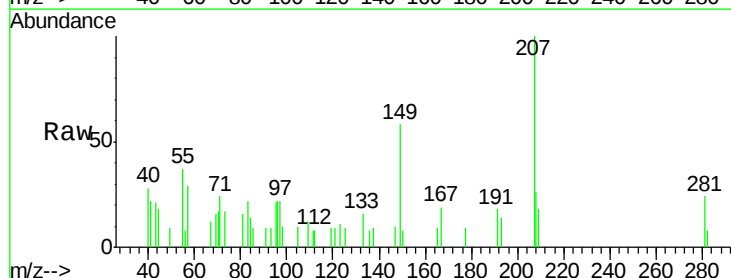
Tgt Ion:149 Resp: 1533

Ion Ratio Lower Upper

149 100

167 32.0 25.5 38.3

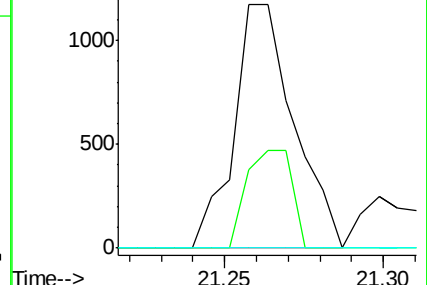
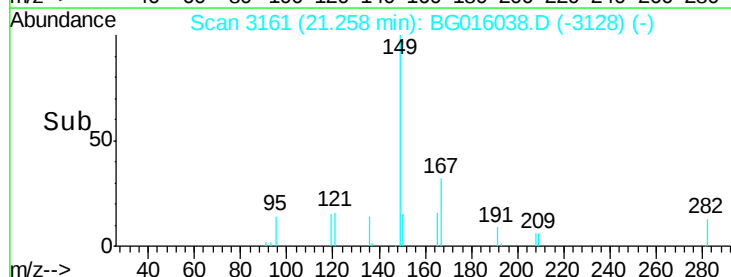
279 0.0 6.0 9.0#

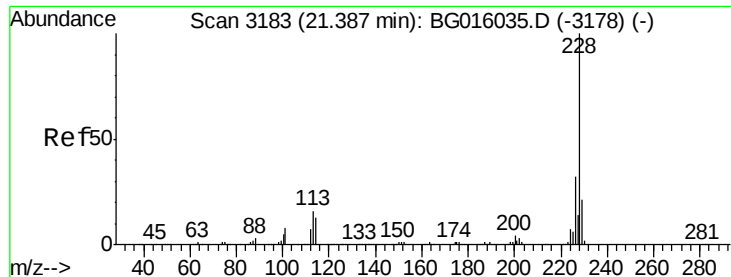


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.30 ng/ul

RT: 21.38 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

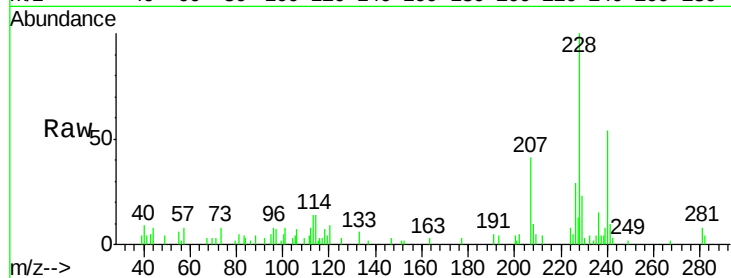
Tgt Ion:228 Resp: 8938

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

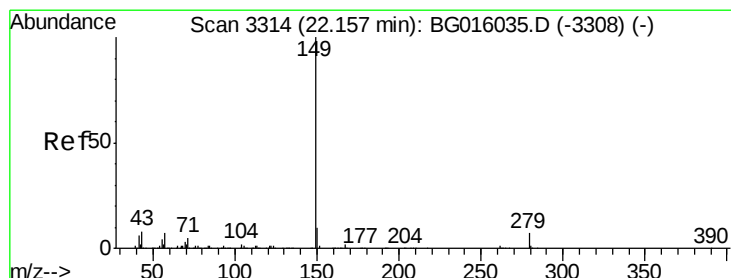
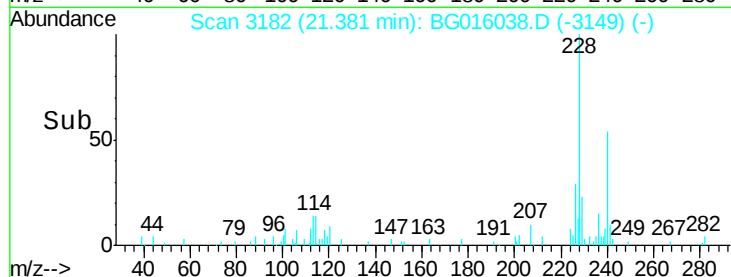
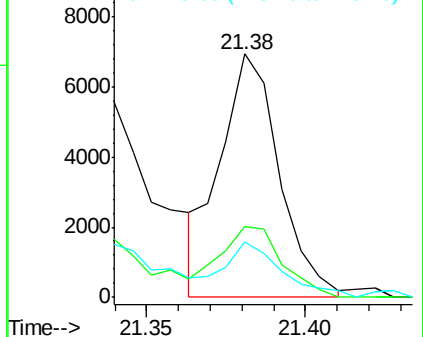
229 22.7 17.0 25.6



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



#84

Di-n-octyl phthalate

Concen: 0.00 ng/ul

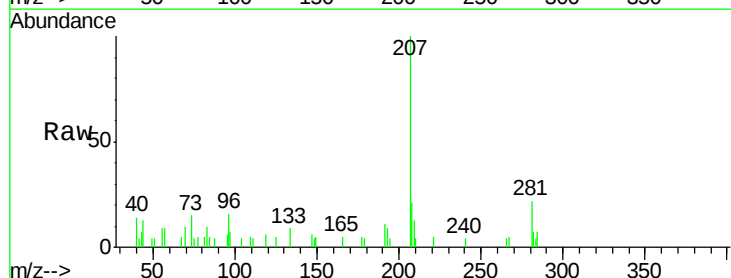
RT: 22.16 min Scan# 3315

Delta R.T. 0.01 min

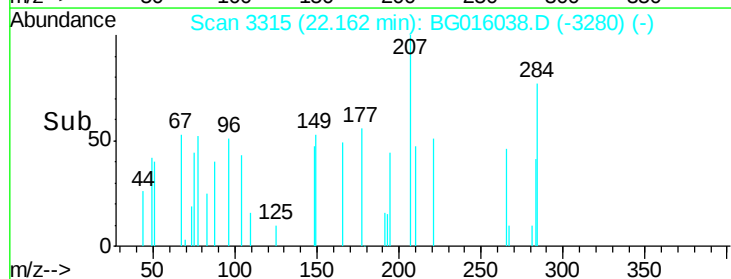
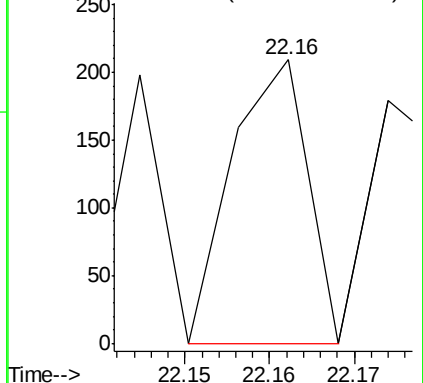
Lab File: BG016038.D

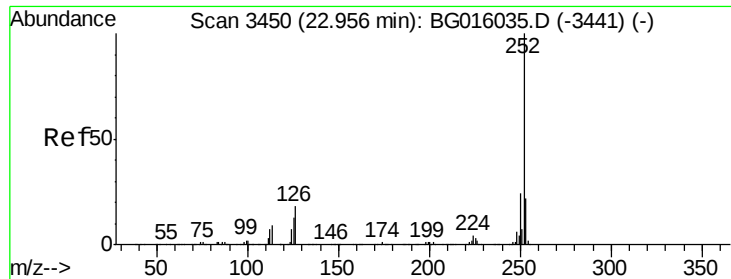
Acq: 25 Feb 2015 16:24

Tgt Ion:149 Resp: 130



Abundance Ion 149.00 (148.70 to 149.70): E

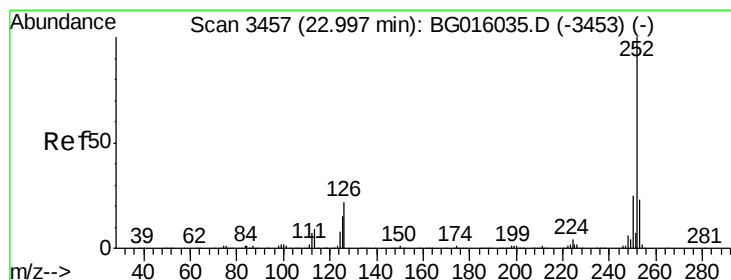
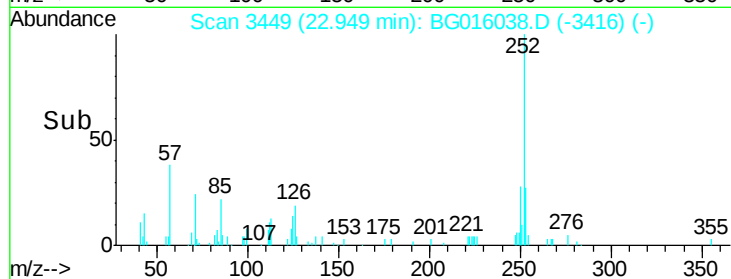
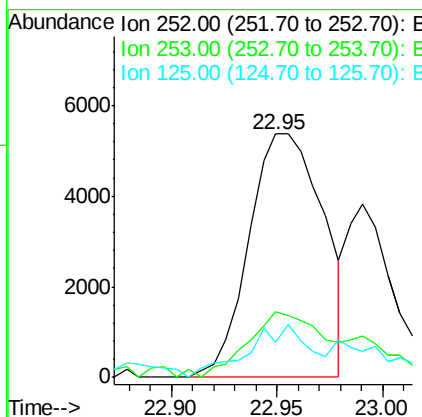
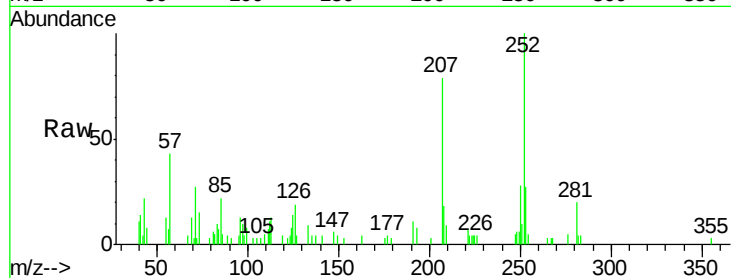




#85
Benzo(b)fluoranthene
Concen: 0.41 ng/u1
RT: 22.95 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

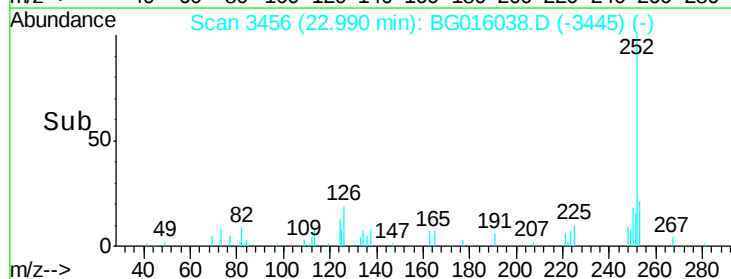
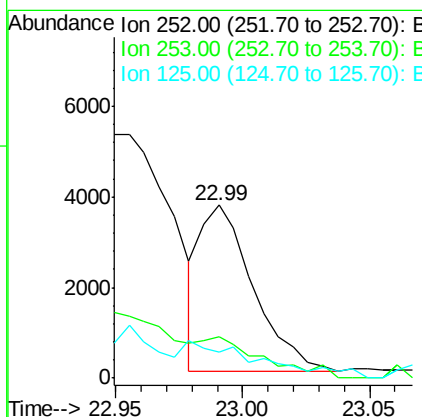
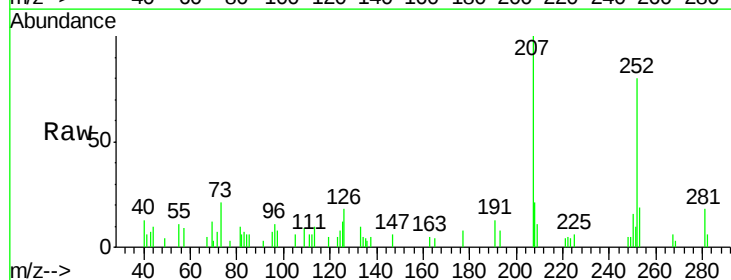
Instrument :
BNA_G
ClientSampleId :
C0AD9

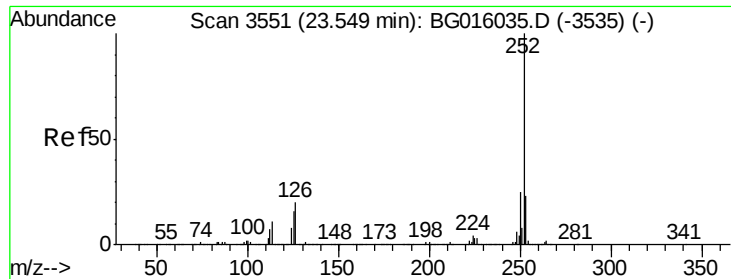
Tgt Ion:252 Resp: 13148
Ion Ratio Lower Upper
252 100
253 27.1 18.2 27.2
125 14.2 11.9 17.9



#86
Benzo(k)fluoranthene
Concen: 0.17 ng/u1
RT: 22.99 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BG016038.D
Acq: 25 Feb 2015 16:24

Tgt Ion:252 Resp: 5265
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 15.2 11.4 17.2





#88

Benzo(a)pyrene

Concen: 0.36 ng/ul

RT: 23.54 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

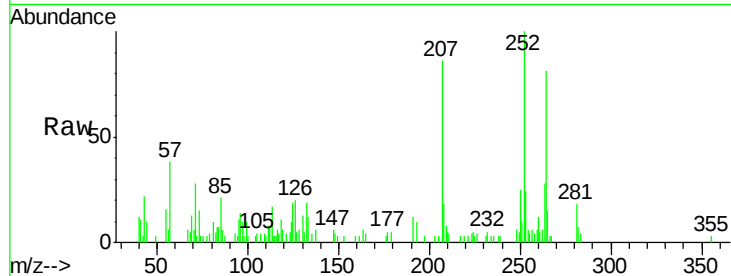
Tgt Ion:252 Resp: 11479

Ion Ratio Lower Upper

252 100

253 24.1 17.9 26.9

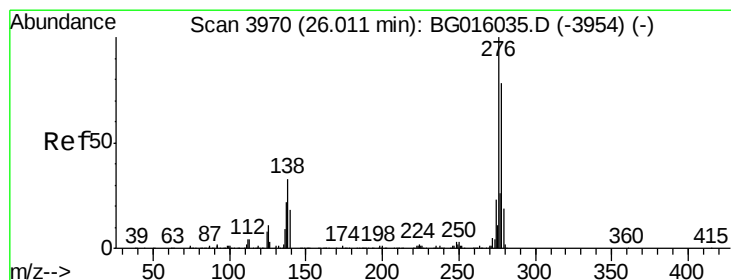
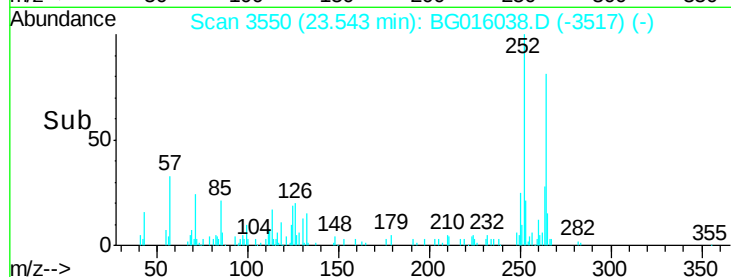
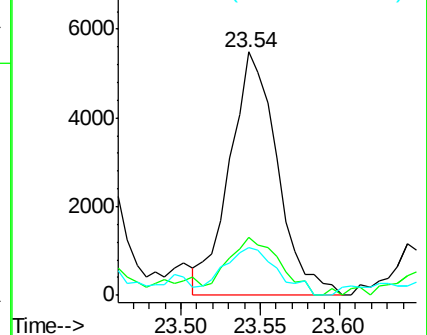
125 19.5 13.2 19.8



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

Indeno(1,2,3-cd)pyrene

Concen: 0.19 ng/ul

RT: 25.99 min Scan# 3967

Delta R.T. -0.02 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

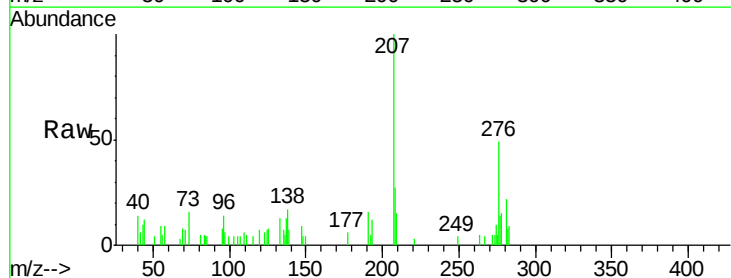
Tgt Ion:276 Resp: 7133

Ion Ratio Lower Upper

276 100

138 33.6 26.2 39.4

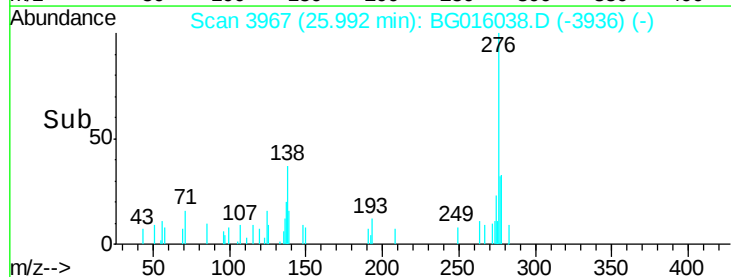
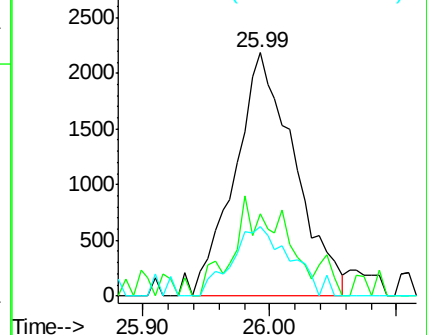
277 28.6 21.0 31.6

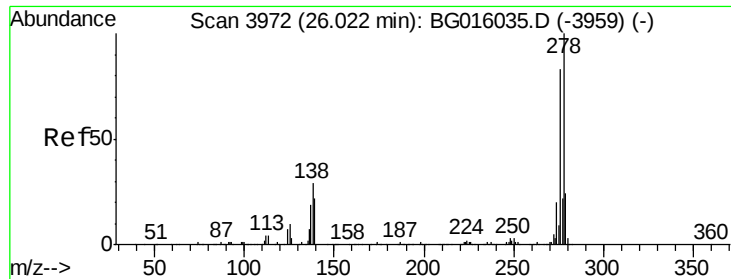


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 26.03 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

Instrument :

BNA_G

ClientSampleId :

C0AD9

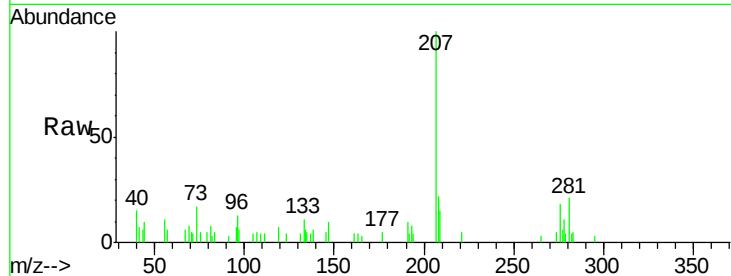
Tgt Ion:278 Resp: 804

Ion Ratio Lower Upper

278 100

139 0.0 17.0 25.4#

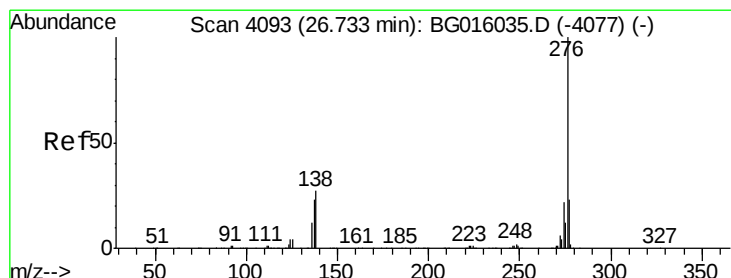
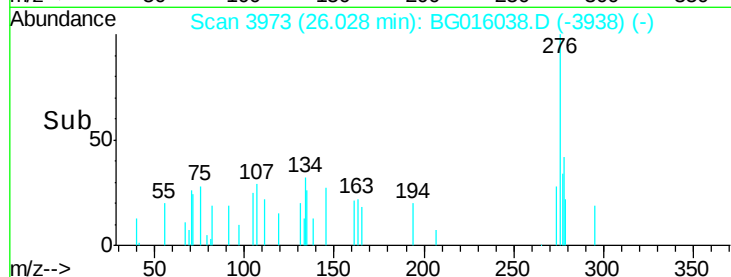
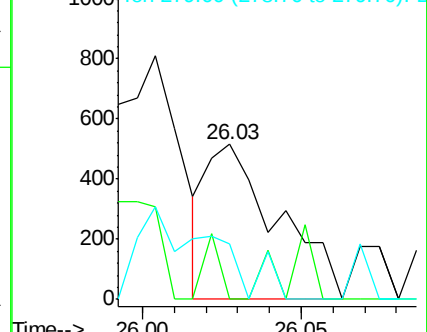
279 35.9 19.3 28.9#



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: 0.24 ng/ul

RT: 26.71 min Scan# 4090

Delta R.T. -0.02 min

Lab File: BG016038.D

Acq: 25 Feb 2015 16:24

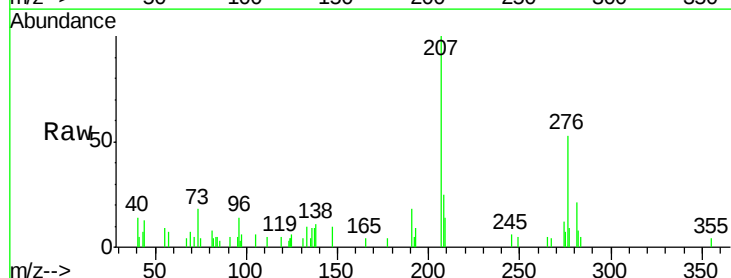
Tgt Ion:276 Resp: 7260

Ion Ratio Lower Upper

276 100

138 20.1 23.0 34.4#

277 17.9 20.0 30.0#



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

