

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016037.D
 Acq On : 25 Feb 2015 15:50
 Operator : TP/IZ
 Sample : G1354-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD8

Quant Time: Feb 26 00:44:39 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	89225	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	403555	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	254155	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	543891	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	560373	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	549201	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.96	99	101185	11.92	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	60393	12.05	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	76154	12.13	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	69989	11.14	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	34656	12.15	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	25403	9.66	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	61961	10.86	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	96930	15.42	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	226791	13.35	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	292800	12.18	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	22181	6.49	ng/ul	0.00
55) Fluorene-d10	15.43	176	206945	12.12	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	12096	5.77	ng/ul	0.00
68) Anthracene-d10	17.27	188	303044	11.75	ng/ul	0.00
76) Pyrene-d10	19.56	212	301125	11.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	234610	9.42	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.95	77	35312	6.58	ng/ul	93
4) Phenol	6.99	94	14210	1.59	ng/ul	97
6) Bis(2-Chloroethyl)ether	7.23	93	241	0.03	ng/ul#	66
10) 2,2'-oxybis(1-Chloropropan	8.50	45	238	0.03	ng/ul#	67
12) Acetophenone	8.62	105	18241	1.92	ng/ul#	93
13) N-Nitroso-di-n-propylamine	8.50	70	1355	0.25	ng/ul#	1
18) Nitrobenzene	8.96	77	155	0.02	ng/ul#	36
19) Isophorone	9.67	82	1462	0.10	ng/ul#	63
26) Naphthalene	10.64	128	585	0.03	ng/ul#	69
32) 2-Methylnaphthalene	12.26	142	300	0.02	ng/ul#	65
42) Dimethylphthalate	13.89	163	16746	0.95	ng/ul	99
45) Acenaphthylene	14.15	152	345	0.01	ng/ul#	60
47) Acenaphthene	14.50	153	482	0.03	ng/ul#	65
51) Dibenzofuran	14.83	168	705	0.03	ng/ul	95
54) Diethylphthalate	15.25	149	4215	0.23	ng/ul#	95
56) Fluorene	15.48	166	936	0.05	ng/ul#	63
66) Pentachlorophenol	16.82	266	182	0.07	ng/ul#	41
67) Phenanthrene	17.22	178	9943	0.33	ng/ul	97
69) Anthracene	17.22	178	9943	0.32	ng/ul	98
72) Carbazole	17.58	167	852	0.03	ng/ul#	72
73) Di-n-butylphthalate	18.15	149	1575	0.05	ng/ul#	78
74) Fluoranthene	19.23	202	19993	0.60	ng/ul	96
77) Pyrene	19.59	202	20048	0.59	ng/ul	94
78) Butylbenzylphthalate	20.50	149	239	0.02	ng/ul#	84

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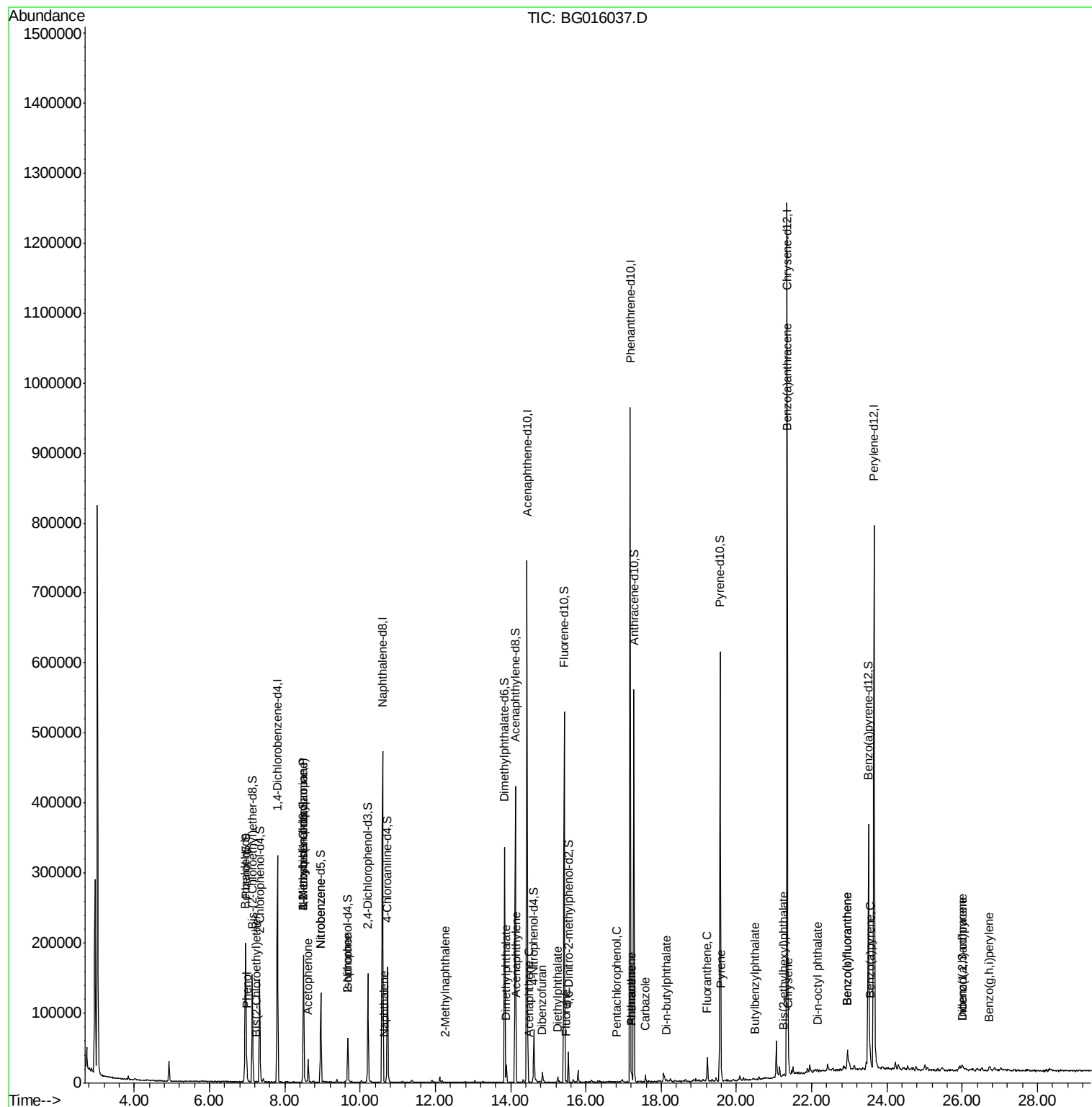
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	21.34	228	12199	0.39	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.26	149	1264	0.07	ng/ul#	89
82) Chrysene	21.38	228	8162	0.27	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	76	0.00	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	18526	0.60	ng/ul	94
86) Benzo(k)fluoranthene	22.95	252	16070	0.52	ng/ul	94
88) Benzo(a)pyrene	23.55	252	10264	0.34	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.99	276	7769	0.22	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.00	278	2134	0.07	ng/ul#	90
91) Benzo(g,h,i)perylene	26.72	276	3694	0.12	ng/ul#	86

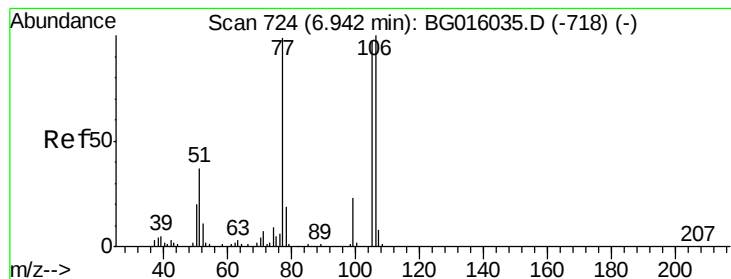
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Benzaldehyde

Concen: 6.58 ng/ul

RT: 6.95 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

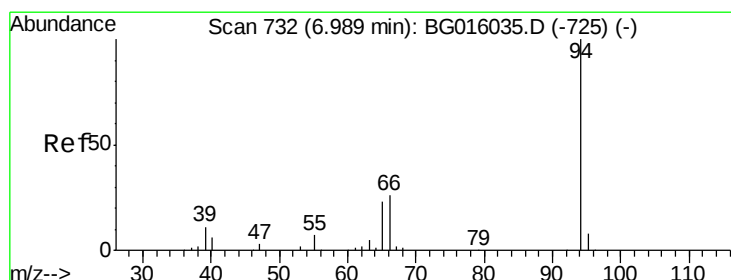
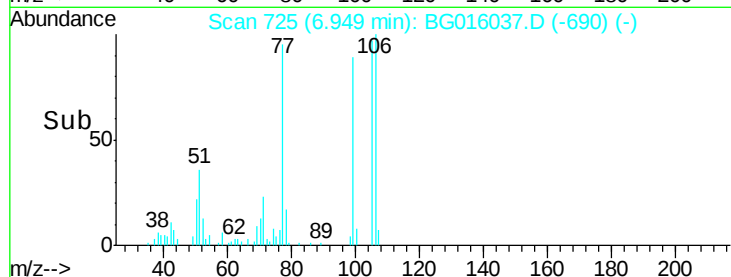
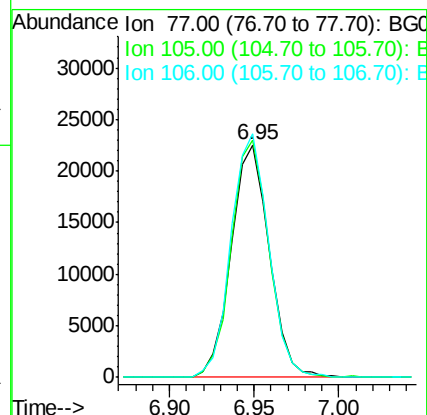
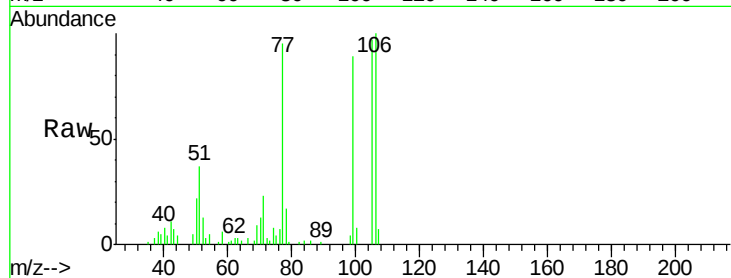
Tgt Ion: 77 Resp: 35312

Ion Ratio Lower Upper

77 100

105 102.2 76.6 114.8

106 104.9 78.2 117.4



#4

Phenol

Concen: 1.59 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

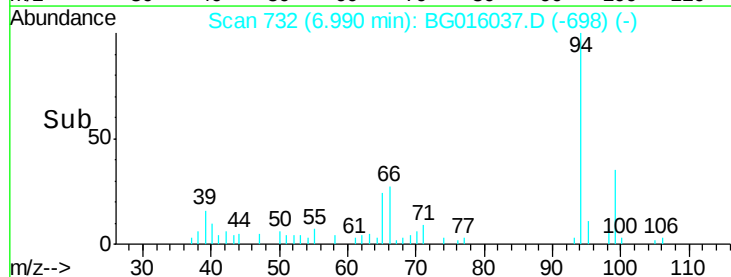
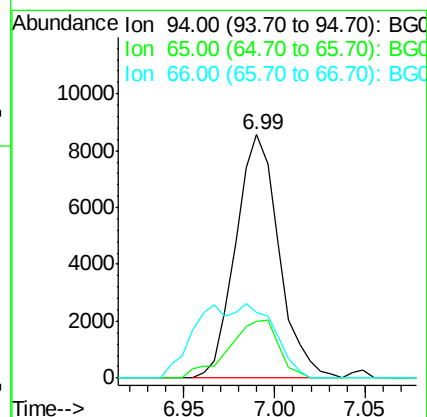
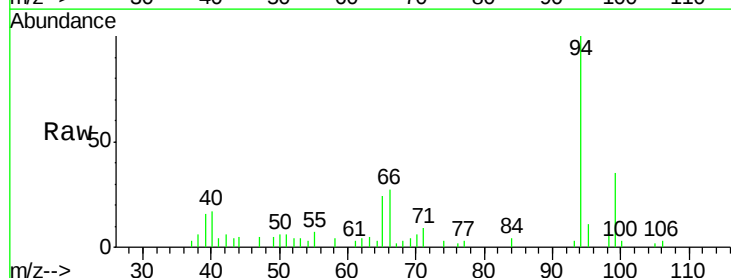
Tgt Ion: 94 Resp: 14210

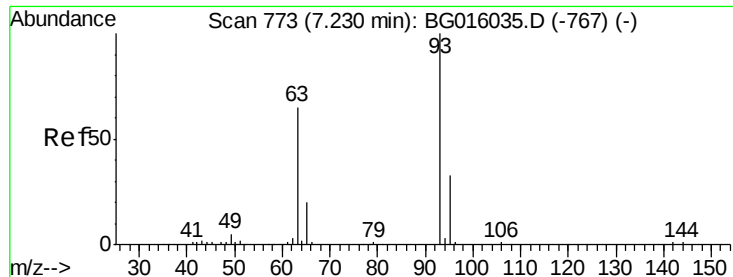
Ion Ratio Lower Upper

94 100

65 23.5 20.8 31.2

66 27.1 22.6 34.0





#6

Bis(2-Chloroethyl)ether

Concen: 0.03 ng/ul

RT: 7.23 min Scan# 772

Delta R.T. -0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

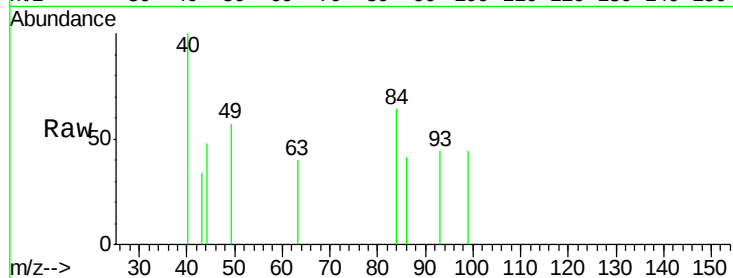
Tgt Ion: 93 Resp: 241

Ion Ratio Lower Upper

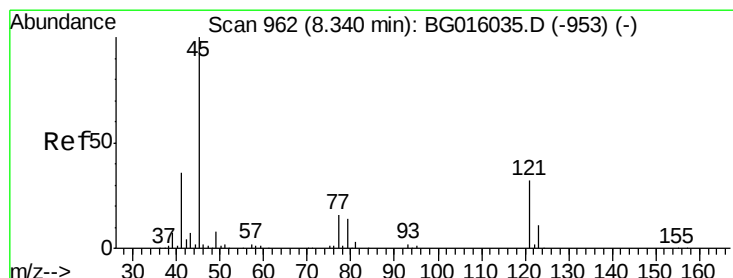
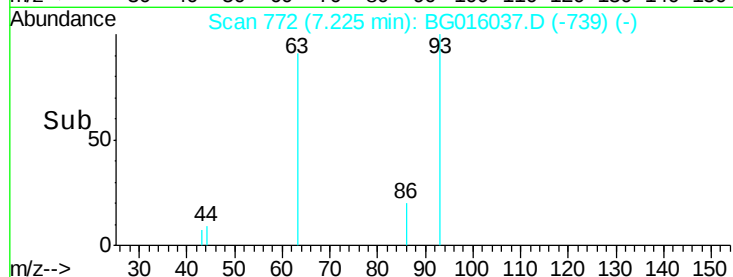
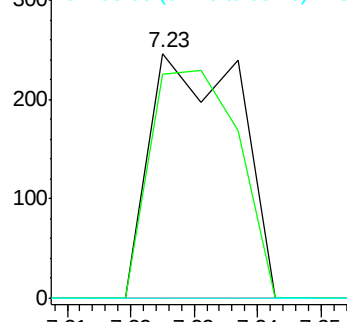
93 100

63 91.5 57.5 86.3#

95 0.0 25.8 38.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#10

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. 0.16 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

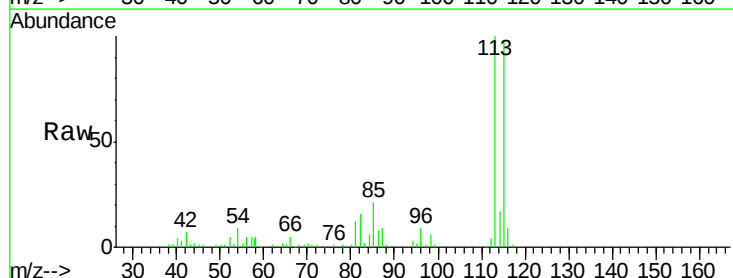
Tgt Ion: 45 Resp: 238

Ion Ratio Lower Upper

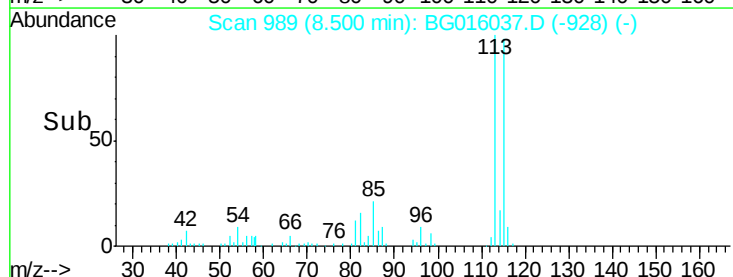
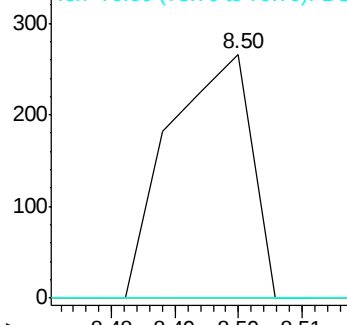
45 100

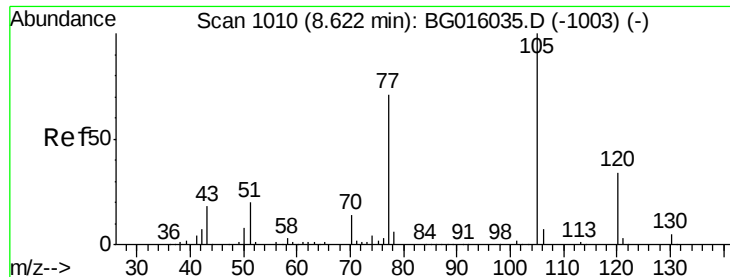
77 0.0 11.4 17.2#

79 0.0 9.0 13.6#



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#12

Acetophenone

Concen: 1.92 ng/ul

RT: 8.62 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

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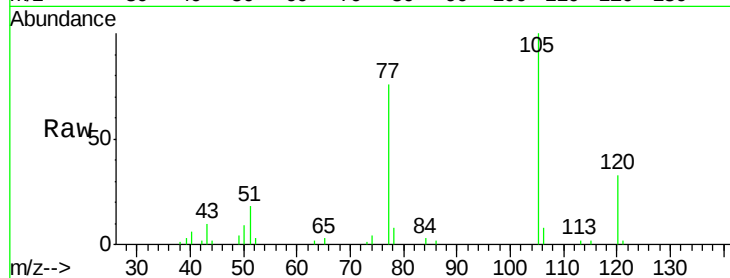
Tgt Ion: 105 Resp: 18241

Ion Ratio Lower Upper

105 100

77 76.0 64.9 97.3

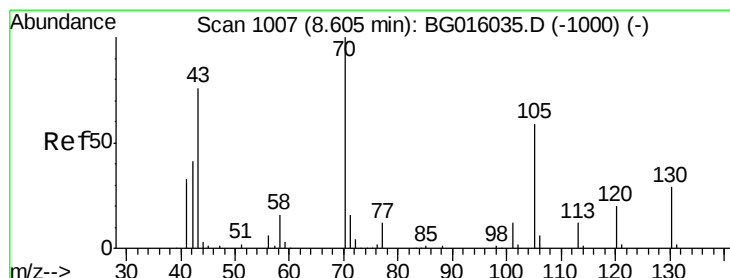
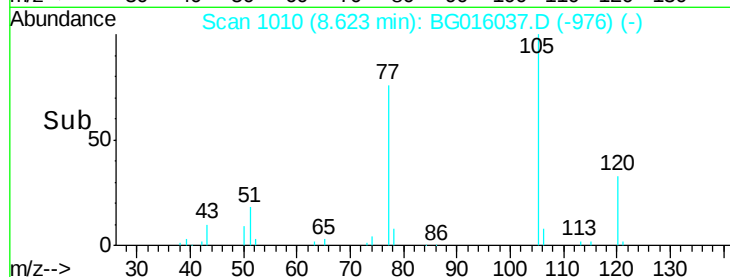
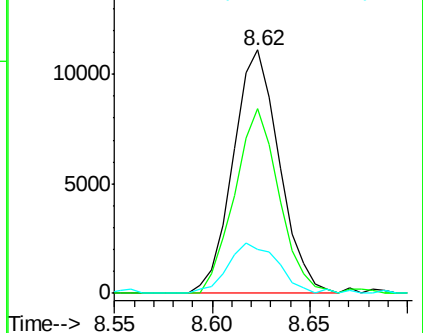
51 18.1 19.4 29.0#



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: 0.25 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. -0.10 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Tgt Ion: 70 Resp: 1355

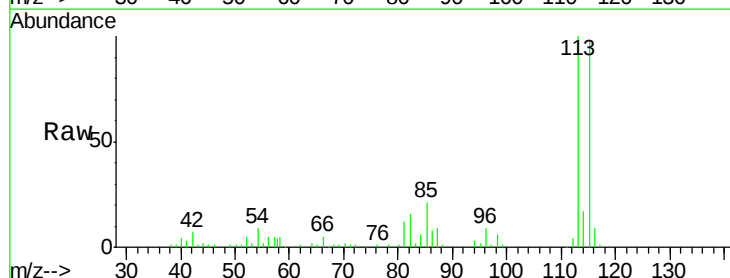
Ion Ratio Lower Upper

70 100

42 363.3 37.8 56.6#

101 0.0 9.3 13.9#

130 0.0 22.2 33.2#

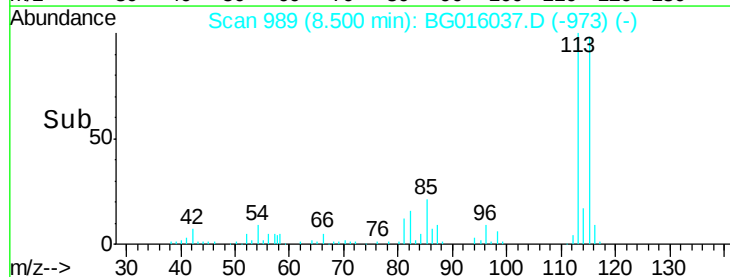
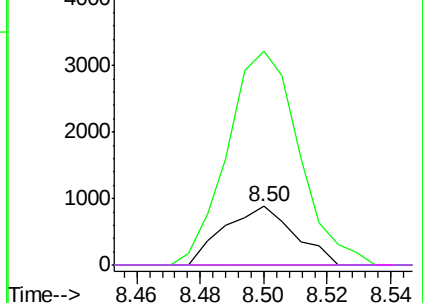


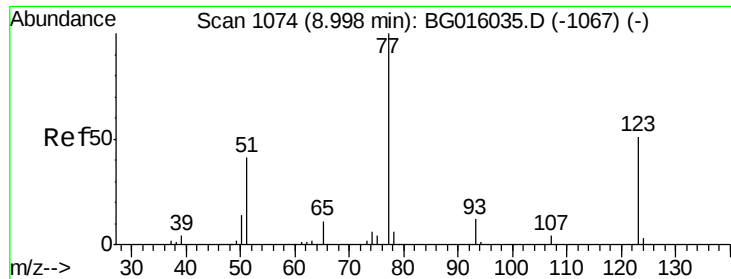
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

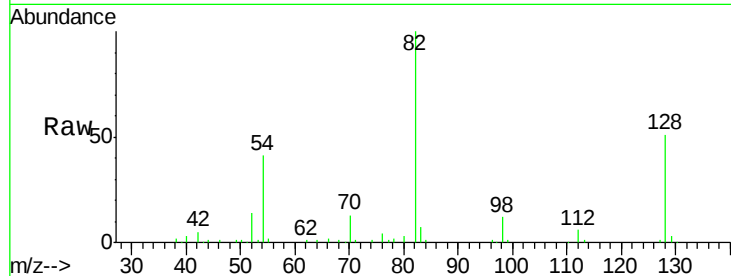




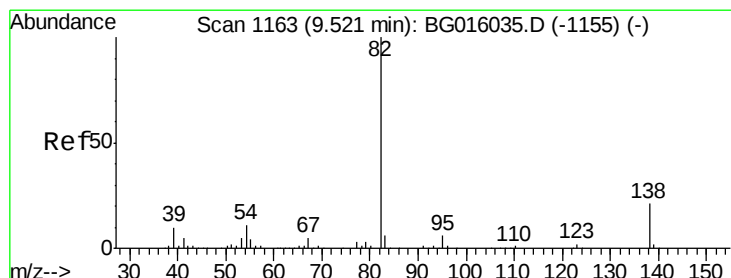
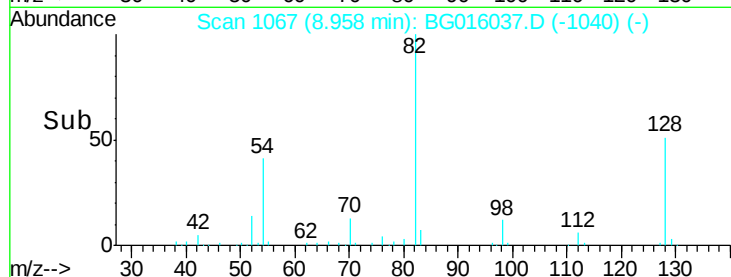
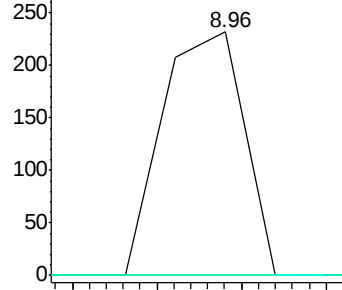
#18
Nitrobenzene
Concen: 0.02 ng/ul
RT: 8.96 min Scan# 1067
Delta R.T. -0.04 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 155
Ion Ratio Lower Upper
77 100
123 0.0 39.9 59.9#
65 0.0 11.0 16.6#

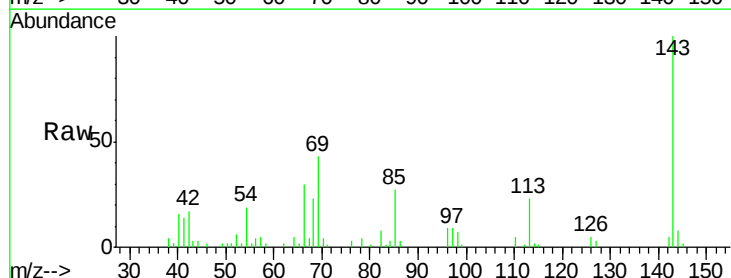


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

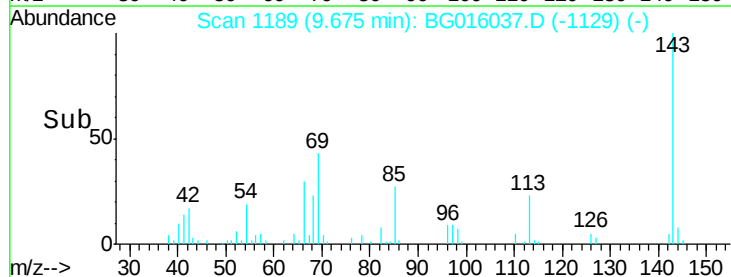
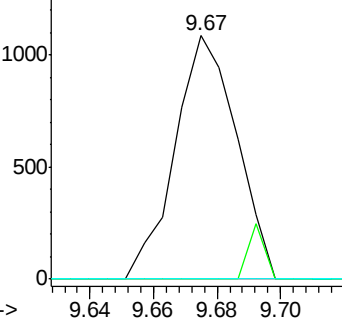


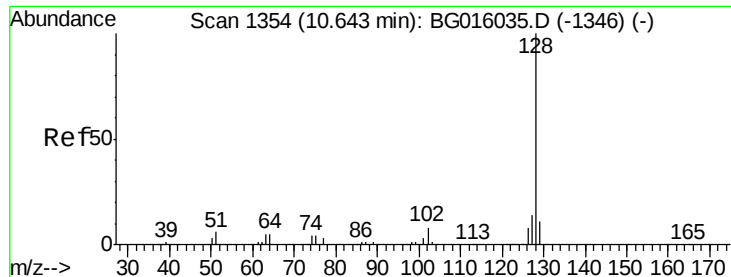
#19
Isophorone
Concen: 0.10 ng/ul
RT: 9.67 min Scan# 1189
Delta R.T. 0.15 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Tgt Ion: 82 Resp: 1462
Ion Ratio Lower Upper
82 100
95 0.0 4.6 6.8#
138 0.0 15.4 23.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC





#26

Naphthalene

Concen: 0.03 ng/ul

RT: 10.64 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BG016037.D

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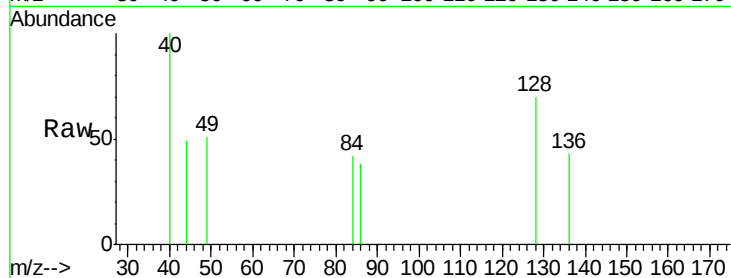
Tgt Ion:128 Resp: 585

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

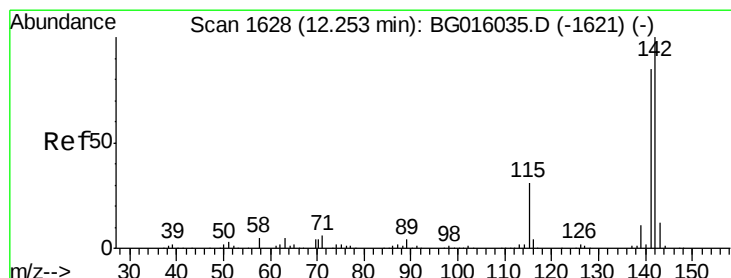
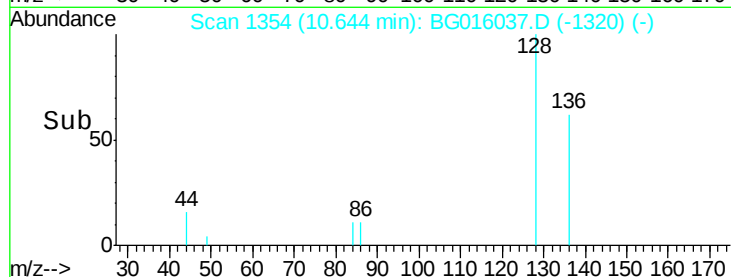
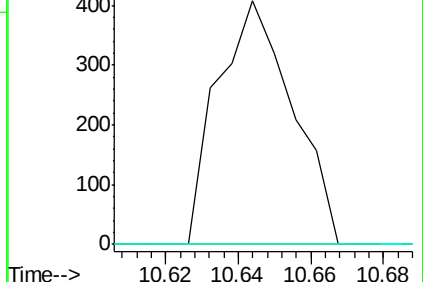
127 0.0 10.4 15.6#



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



#32

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.26 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BG016037.D

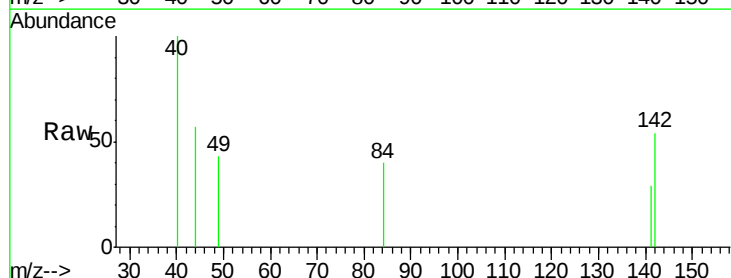
Acq: 25 Feb 2015 15:50

Tgt Ion:142 Resp: 300

Ion Ratio Lower Upper

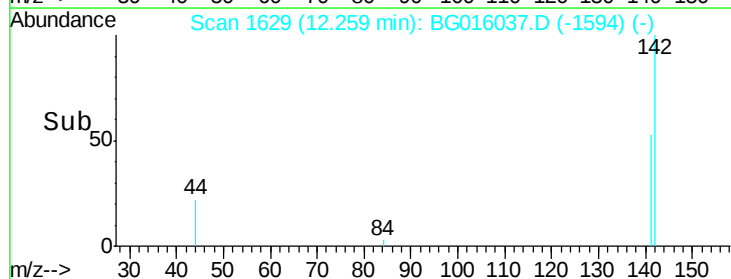
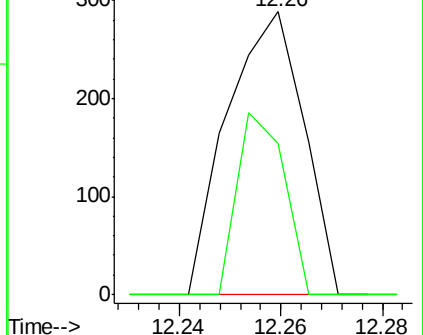
142 100

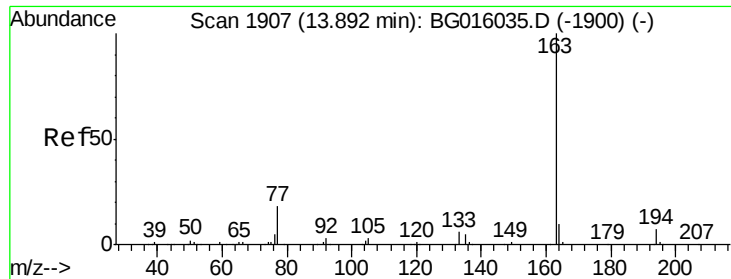
141 53.5 68.3 102.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#42

Dimethylphthalate

Concen: 0.95 ng/ul

RT: 13.89 min Scan# 1906

Delta R.T. -0.01 min

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ClientSampleId :

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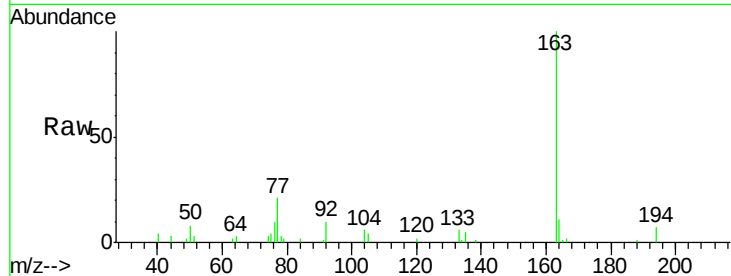
Tgt Ion:163 Resp: 16746

Ion Ratio Lower Upper

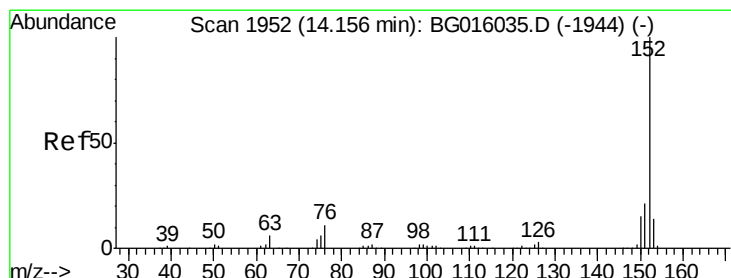
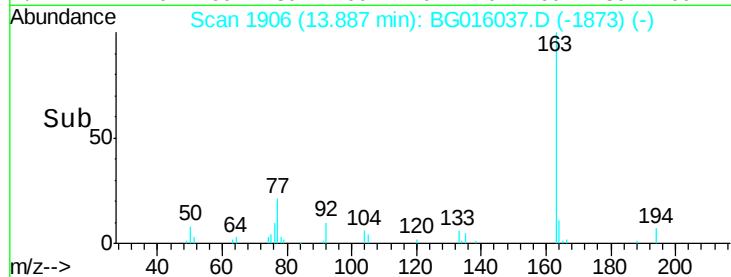
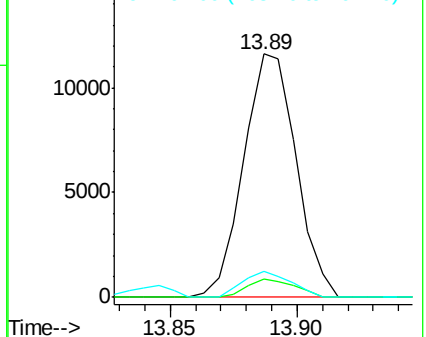
163 100

194 7.3 5.3 7.9

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.15 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

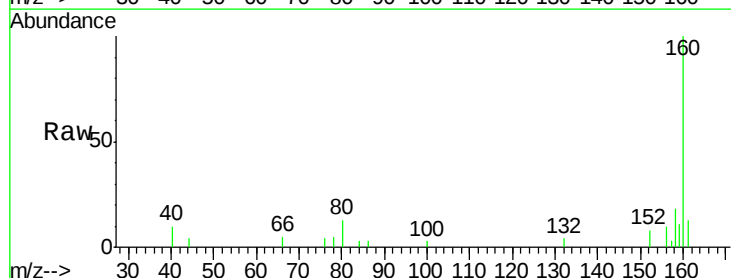
Tgt Ion:152 Resp: 345

Ion Ratio Lower Upper

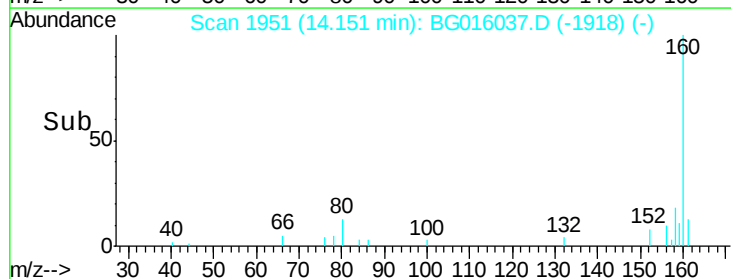
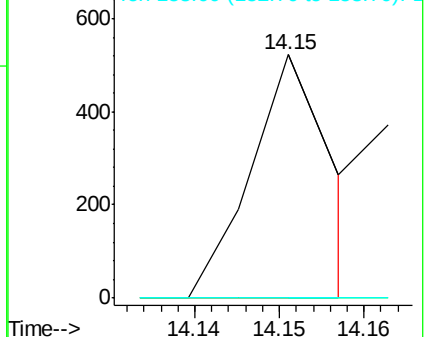
152 100

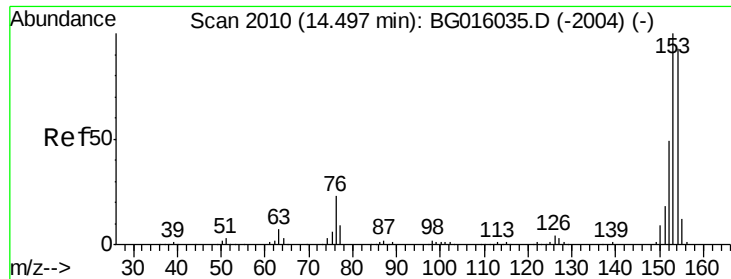
151 0.0 16.2 24.4#

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: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

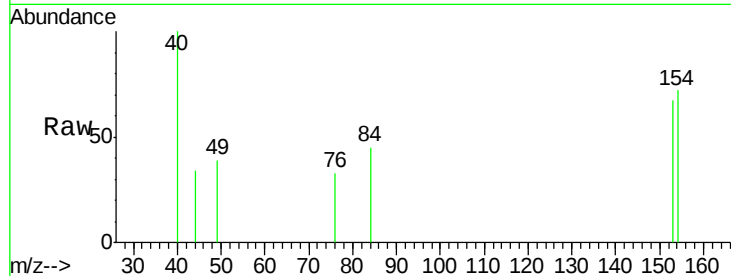
Tgt Ion:153 Resp: 482

Ion Ratio Lower Upper

153 100

152 0.0 38.6 58.0#

154 108.3 74.6 111.8



Abundance Ion 153.00 (152.70 to 153.70): E

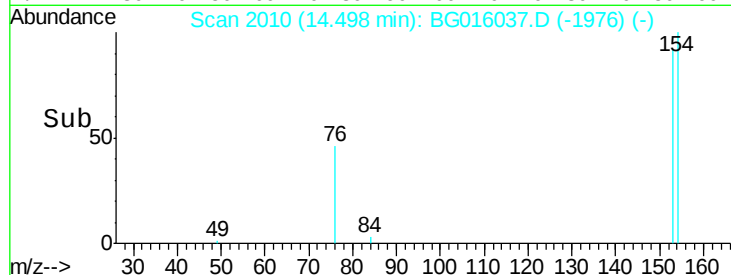
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

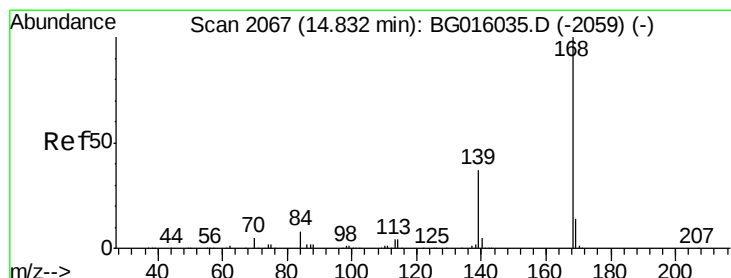
14.50

14.48

14.52



Time-->



#51

Dibenzofuran

Concen: 0.03 ng/ul

RT: 14.83 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BG016037.D

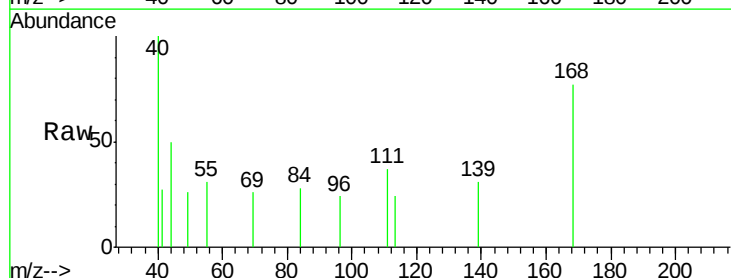
Acq: 25 Feb 2015 15:50

Tgt Ion:168 Resp: 705

Ion Ratio Lower Upper

168 100

139 40.0 29.7 44.5



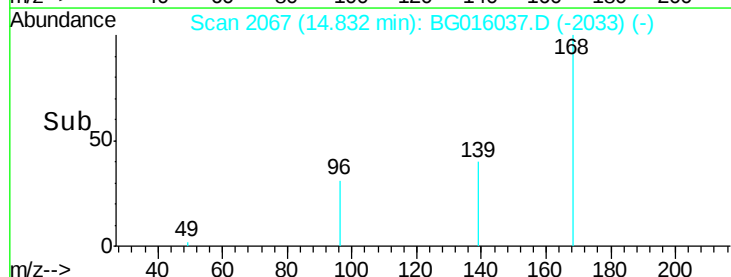
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

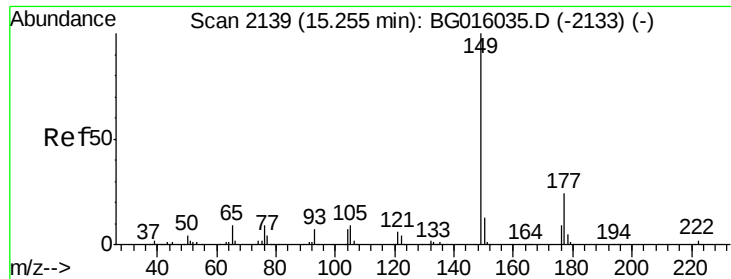
14.83

14.80

14.86



Time-->



#54

Diethylphthalate

Concen: 0.23 ng/ul

RT: 15.25 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

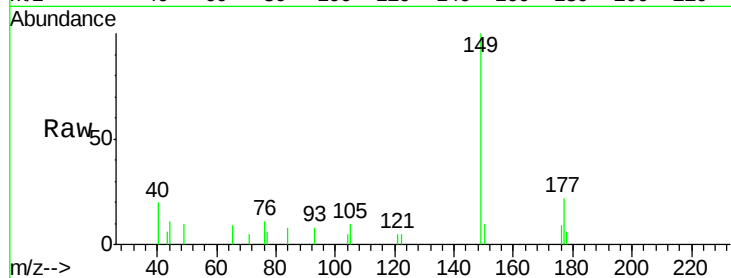
Tgt Ion:149 Resp: 4215

Ion Ratio Lower Upper

149 100

177 22.1 19.3 28.9

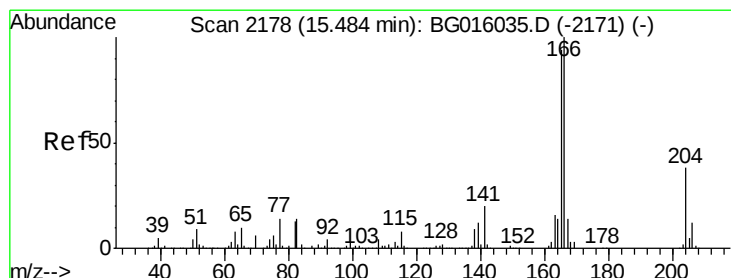
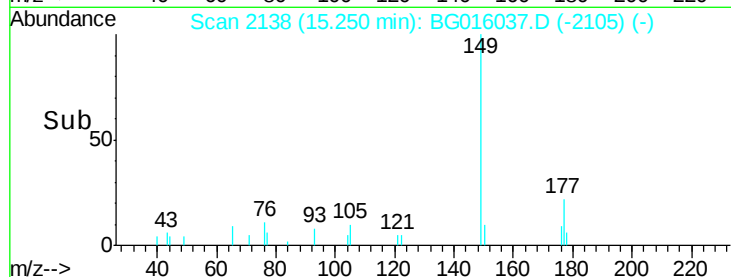
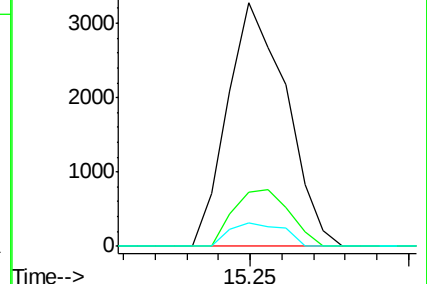
150 9.7 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#56

Fluorene

Concen: 0.05 ng/ul

RT: 15.48 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

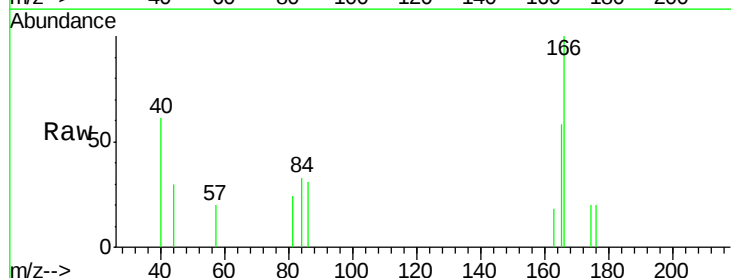
Tgt Ion:166 Resp: 936

Ion Ratio Lower Upper

166 100

165 58.3 75.4 113.2#

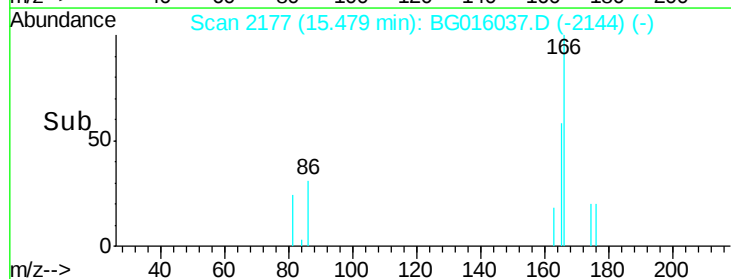
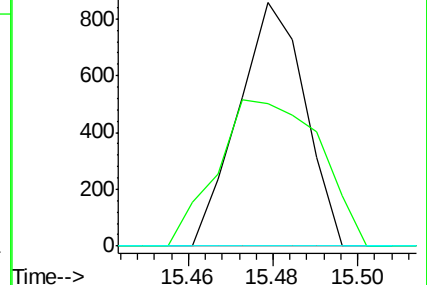
167 0.0 11.0 16.4#

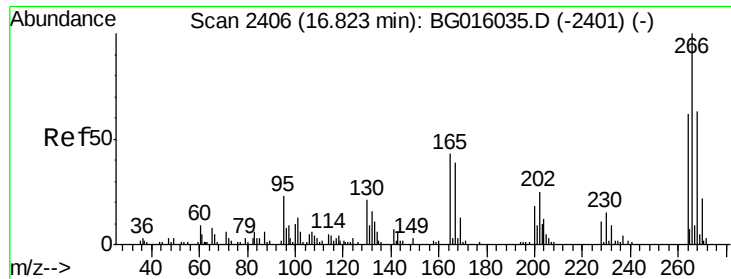


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

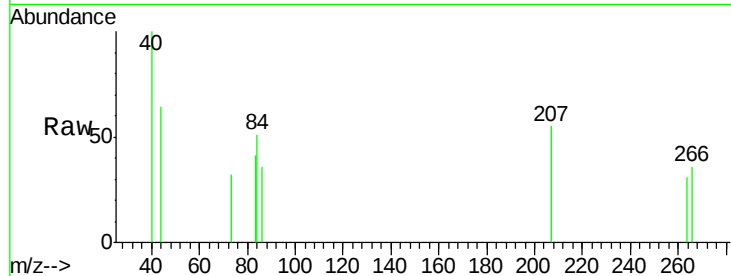




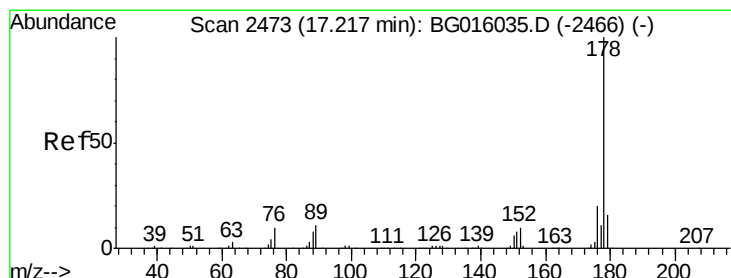
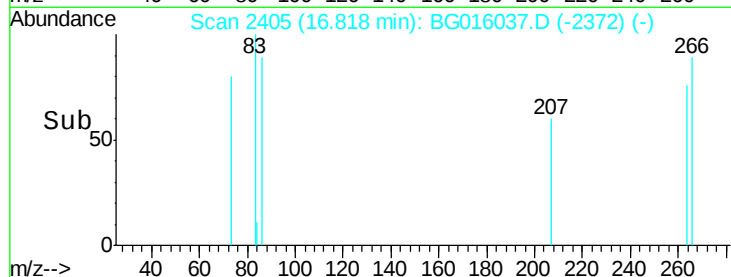
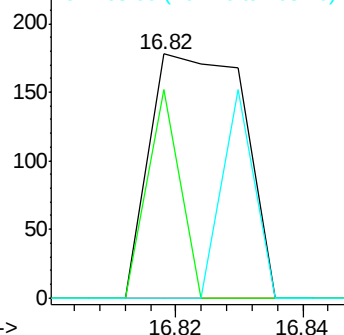
#66
 Pentachlorophenol
 Concen: 0.07 ng/ul
 RT: 16.82 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG016037.D
 Acq: 25 Feb 2015 15:50

Instrument :
 BNA_G
 ClientSampleId :
 C0AD8

Tgt Ion:266 Resp: 182
 Ion Ratio Lower Upper
 266 100
 264 85.4 46.6 70.0#
 268 0.0 49.0 73.4#

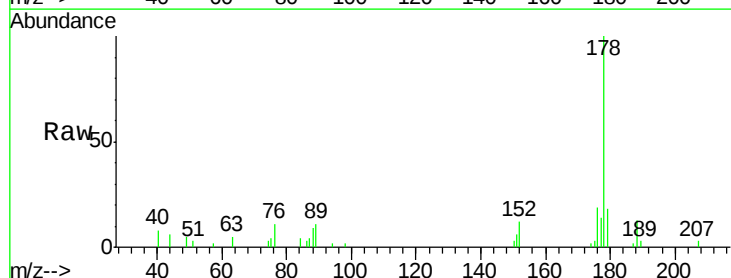


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

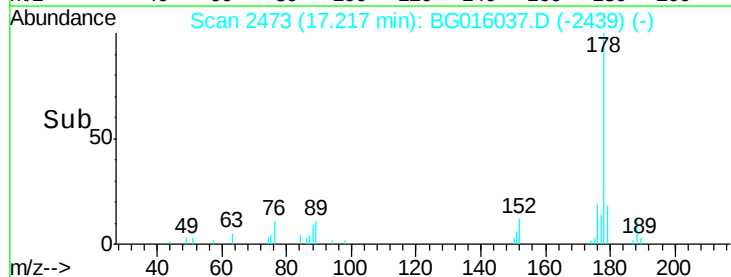
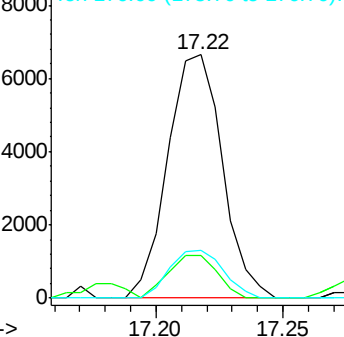


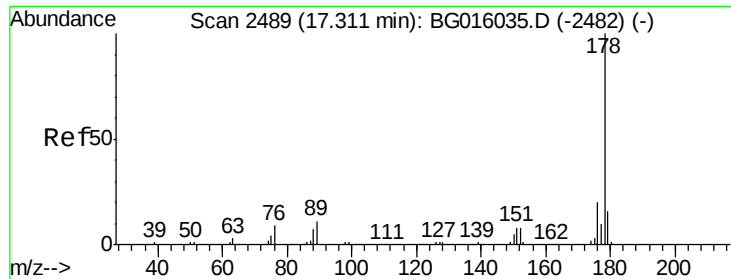
#67
 Phenanthrene
 Concen: 0.33 ng/ul
 RT: 17.22 min Scan# 2473
 Delta R.T. 0.00 min
 Lab File: BG016037.D
 Acq: 25 Feb 2015 15:50

Tgt Ion:178 Resp: 9943
 Ion Ratio Lower Upper
 178 100
 179 17.6 12.8 19.2
 176 19.4 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: 0.32 ng/u1

RT: 17.22 min Scan# 2473

Delta R.T. -0.09 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

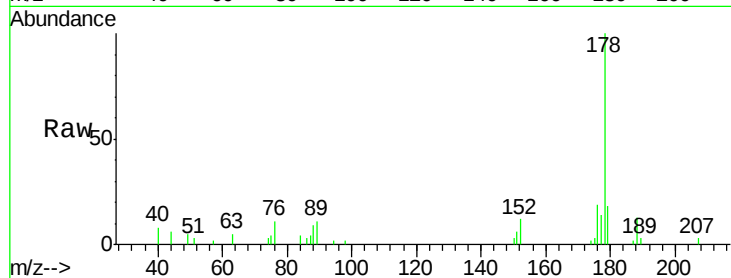
Tgt Ion:178 Resp: 9943

Ion Ratio Lower Upper

178 100

179 17.6 12.9 19.3

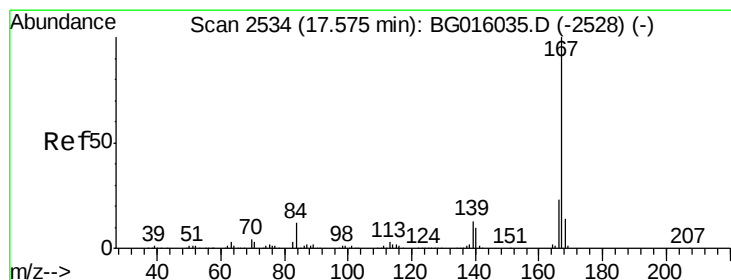
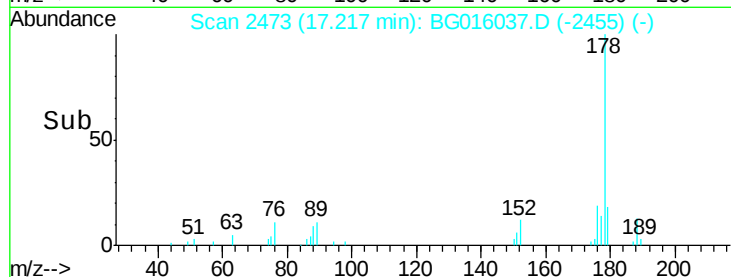
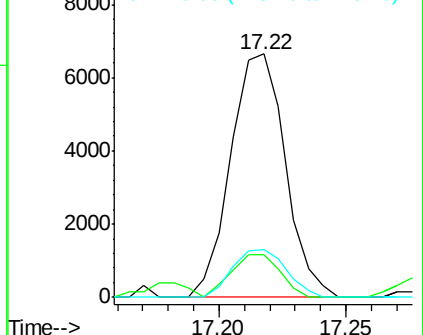
176 19.4 15.7 23.5



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: 0.03 ng/u1

RT: 17.58 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

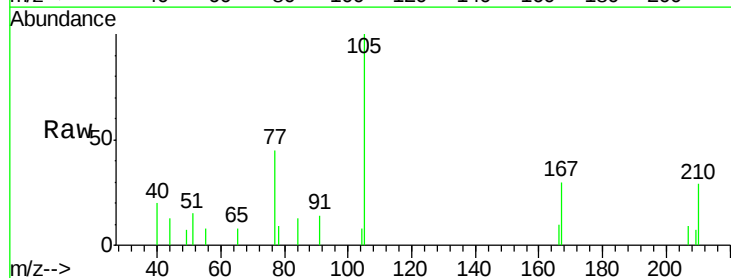
Tgt Ion:167 Resp: 852

Ion Ratio Lower Upper

167 100

166 33.5 17.5 26.3#

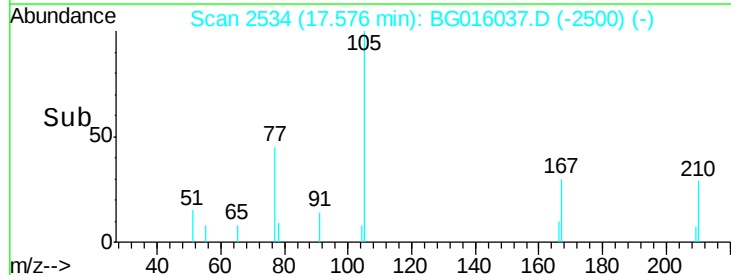
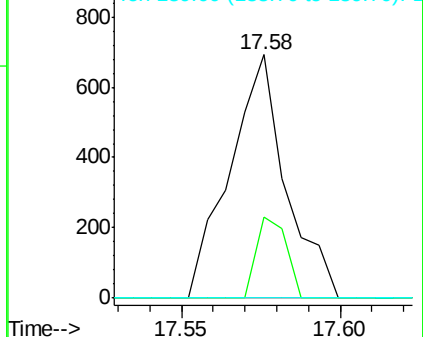
139 0.0 10.7 16.1#

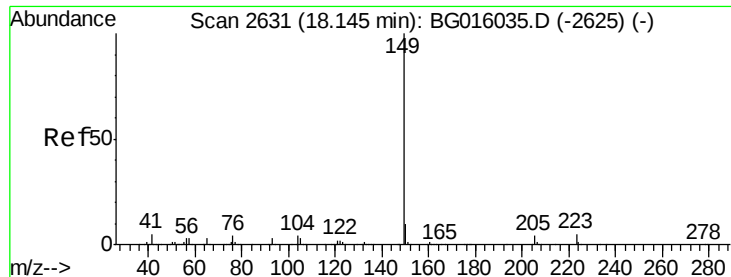


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.05 ng/ul

RT: 18.15 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

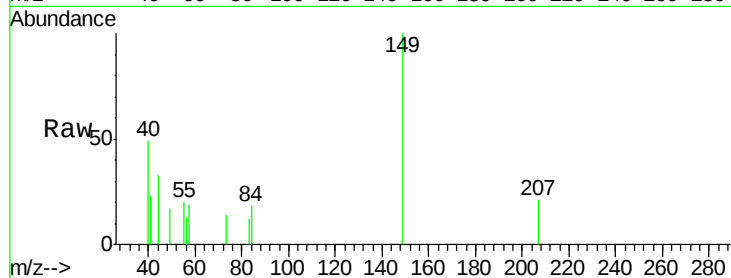
Tgt Ion:149 Resp: 1575

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

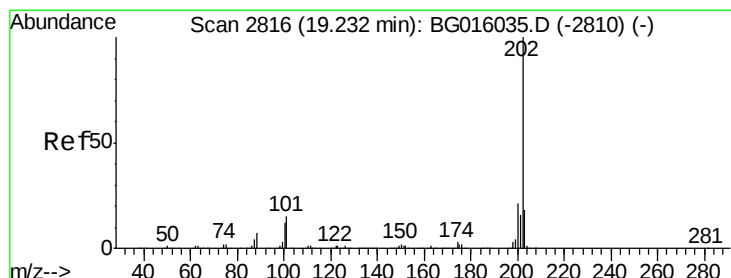
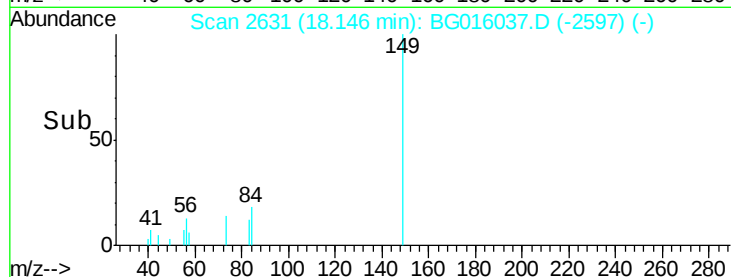
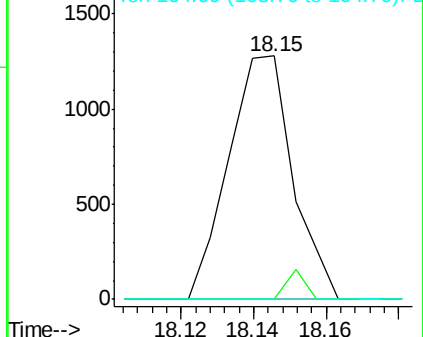
104 0.0 3.7 5.5#



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



#74

Fluoranthene

Concen: 0.60 ng/ul

RT: 19.23 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

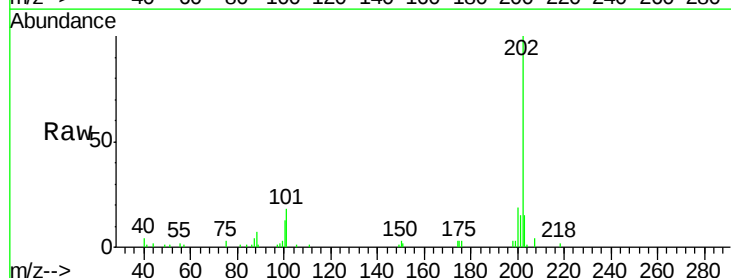
Tgt Ion:202 Resp: 19993

Ion Ratio Lower Upper

202 100

101 17.7 12.3 18.5

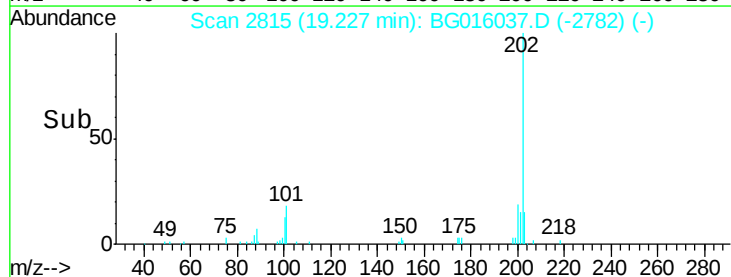
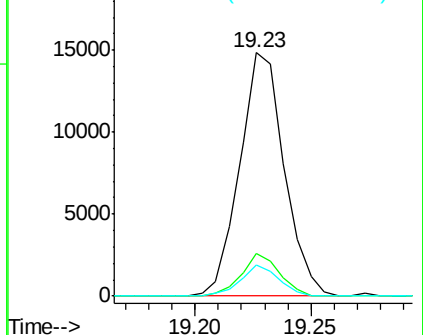
100 12.8 9.8 14.6

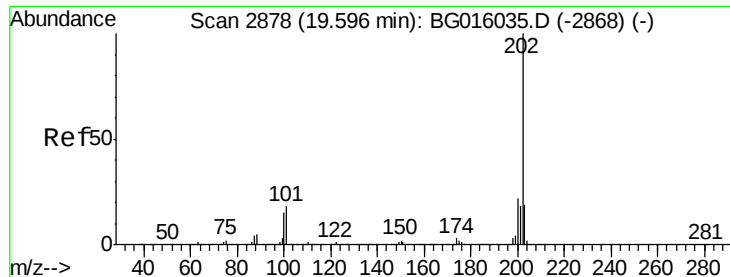


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

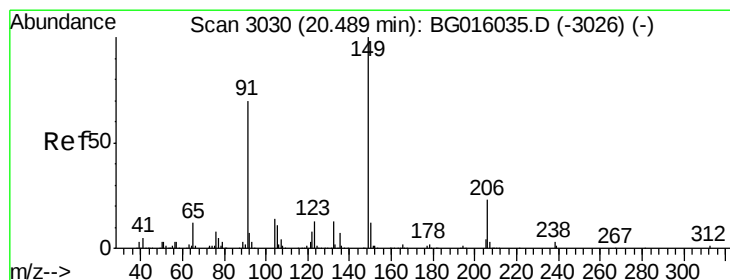
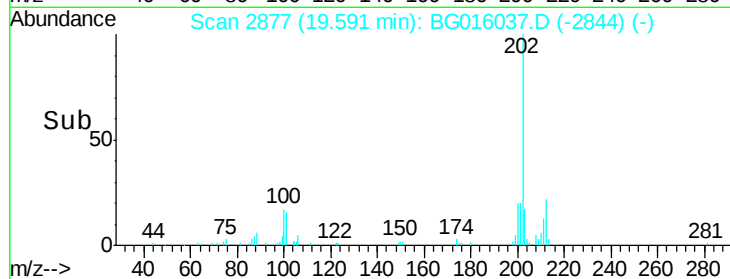
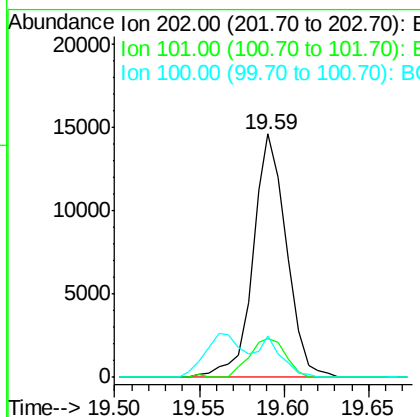
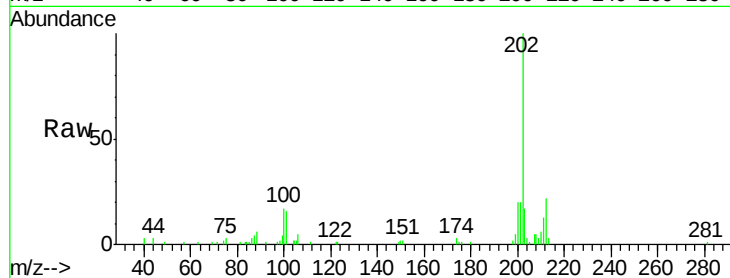




#77
 Pyrene
 Concen: 0.59 ng/ul
 RT: 19.59 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG016037.D
 Acq: 25 Feb 2015 15:50

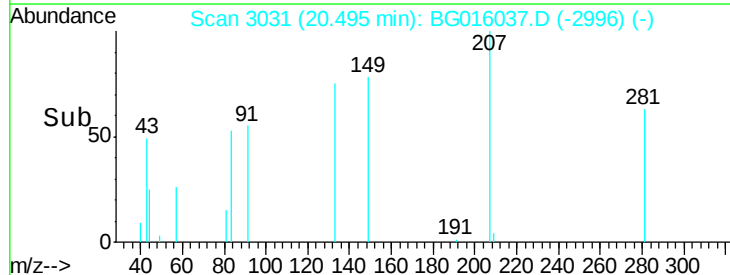
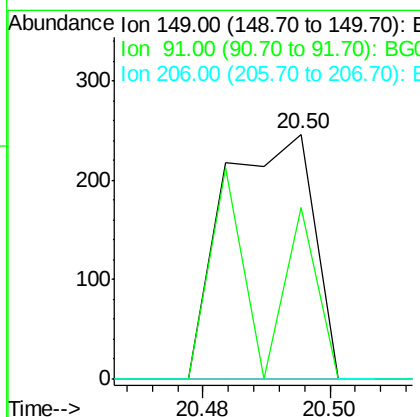
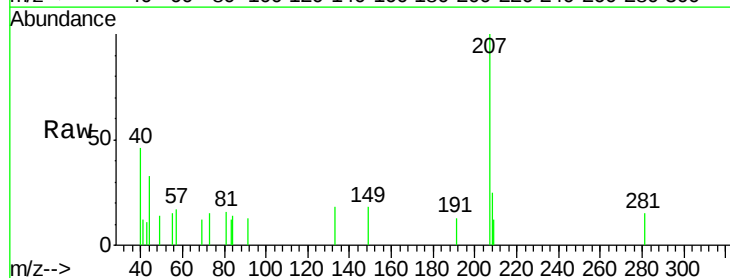
Instrument :
 BNA_G
 ClientSampleId :
 C0AD8

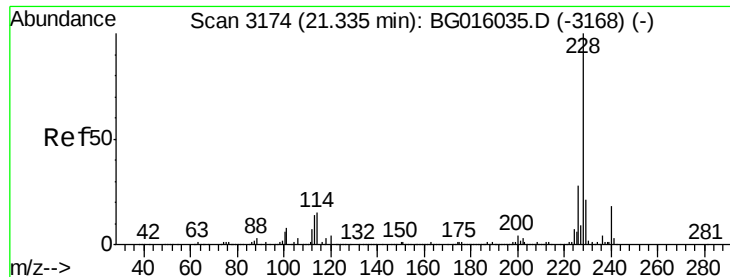
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	15.8	23.8
100	16.8	12.7	19.1



#78
 Butylbenzylphthalate
 Concen: 0.02 ng/ul
 RT: 20.50 min Scan# 3031
 Delta R.T. 0.01 min
 Lab File: BG016037.D
 Acq: 25 Feb 2015 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	53.6	80.4
206	0.0	19.1	28.7#





#80

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 21.34 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

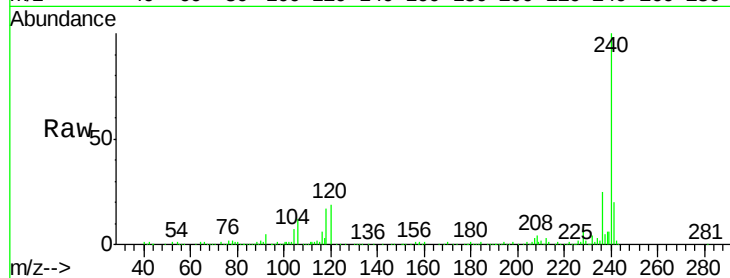
Tgt Ion:228 Resp: 12199

Ion Ratio Lower Upper

228 100

229 23.1 16.4 24.6

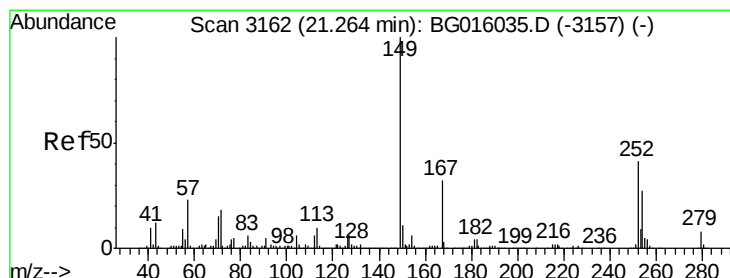
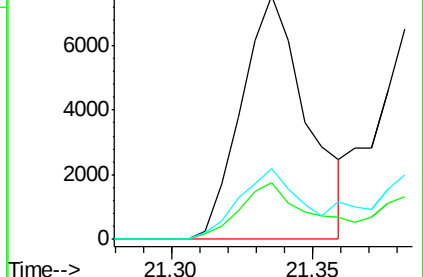
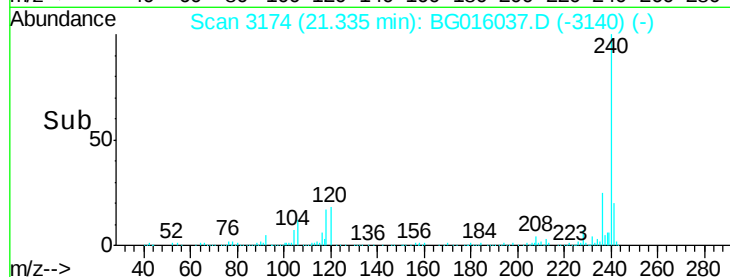
226 29.3 22.8 34.2



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: 0.07 ng/ul

RT: 21.26 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

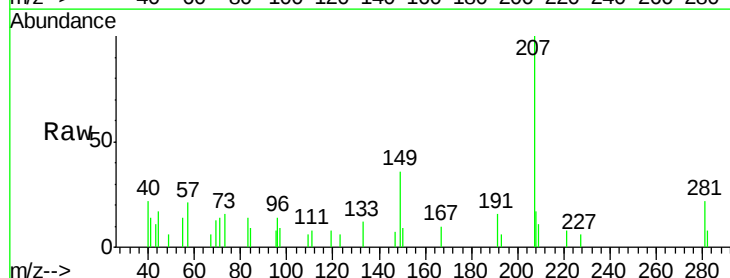
Tgt Ion:149 Resp: 1264

Ion Ratio Lower Upper

149 100

167 27.0 25.5 38.3

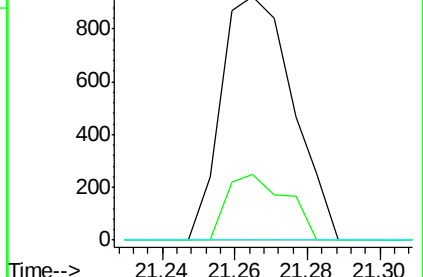
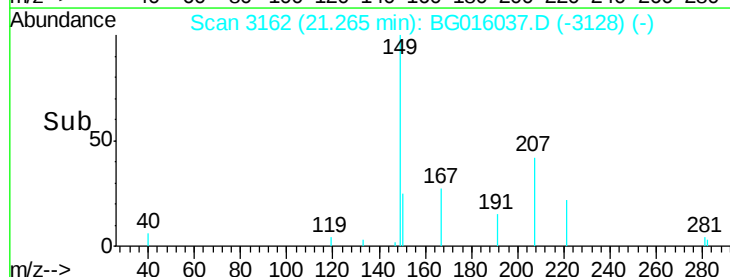
279 0.0 6.0 9.0#

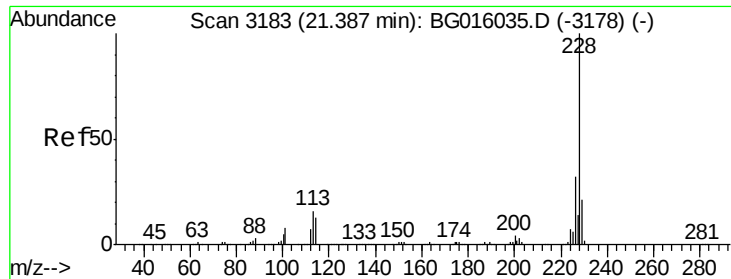


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.27 ng/ul

RT: 21.38 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

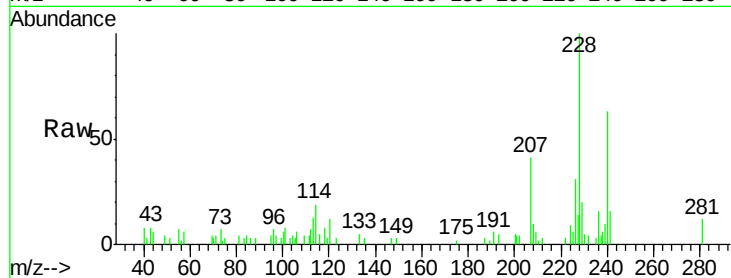
Tgt Ion:228 Resp: 8162

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

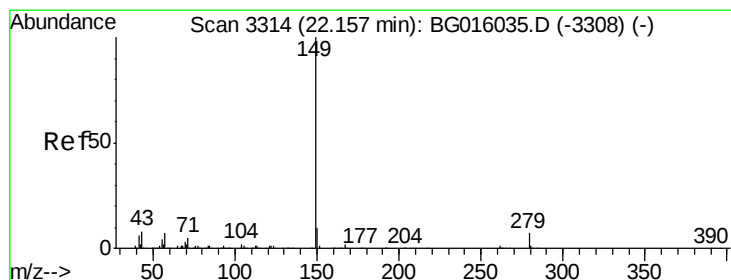
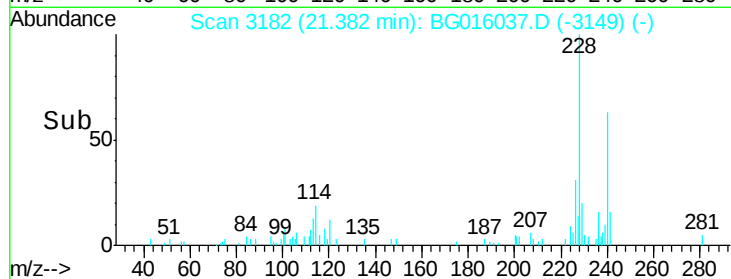
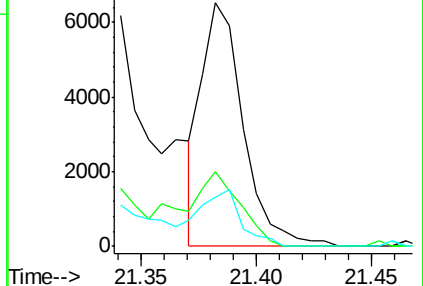
229 20.3 17.0 25.6



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

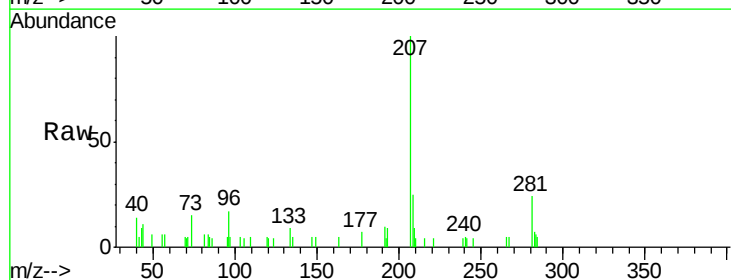
RT: 22.16 min Scan# 3314

Delta R.T. 0.00 min

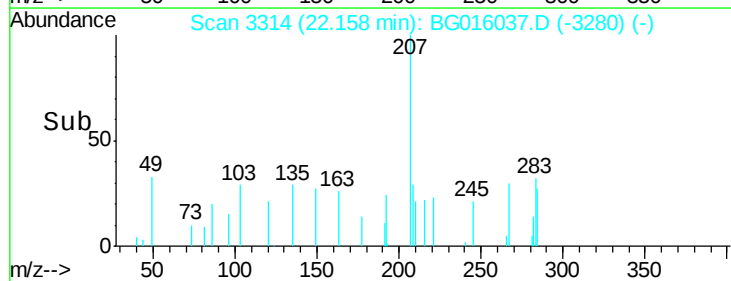
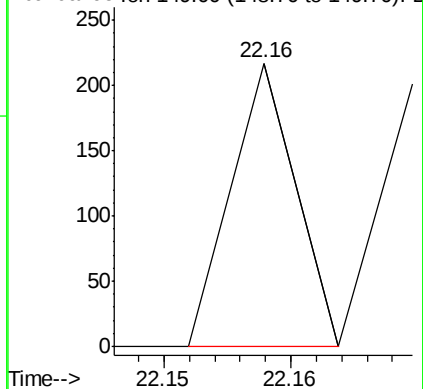
Lab File: BG016037.D

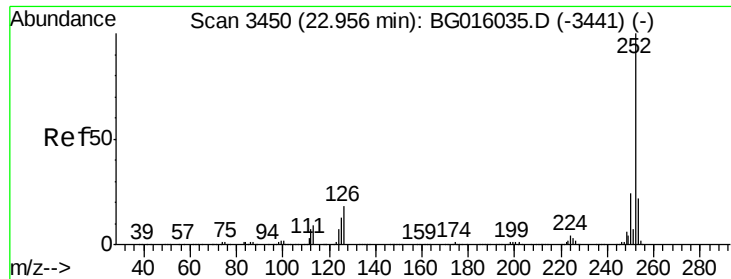
Acq: 25 Feb 2015 15:50

Tgt Ion:149 Resp: 76



Abundance Ion 149.00 (148.70 to 149.70): E

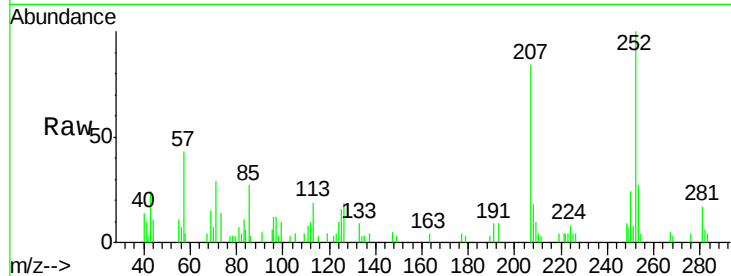




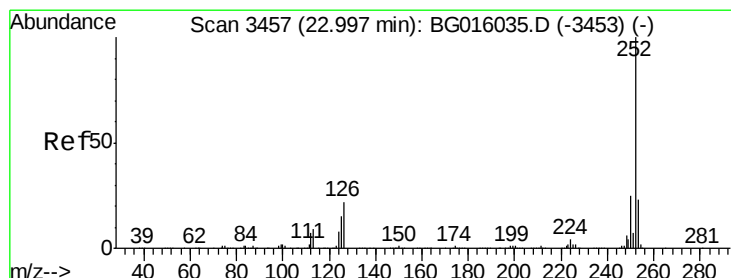
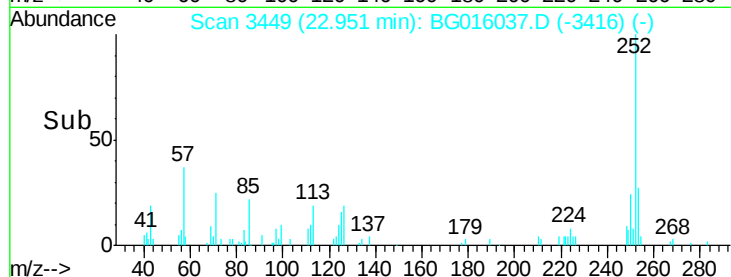
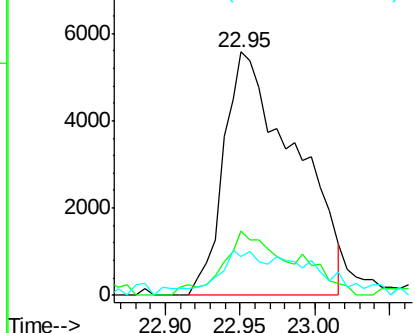
#85
Benzo(b)fluoranthene
Concen: 0.60 ng/u1
RT: 22.95 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Instrument :
BNA_G
ClientSampleId :
C0AD8

Tgt Ion:252 Resp: 18526
Ion Ratio Lower Upper
252 100
253 26.7 18.2 27.2
125 15.7 11.9 17.9

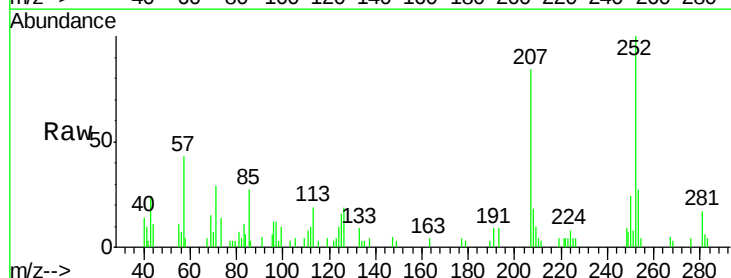


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

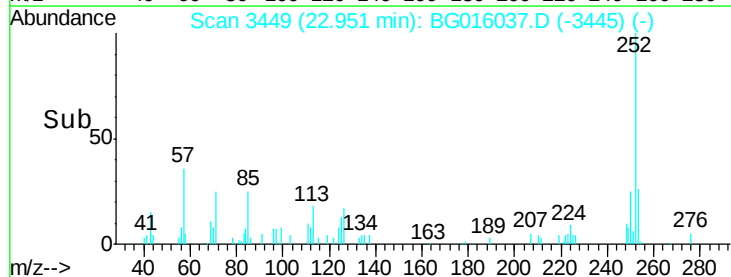
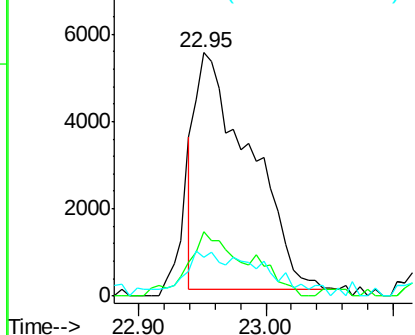


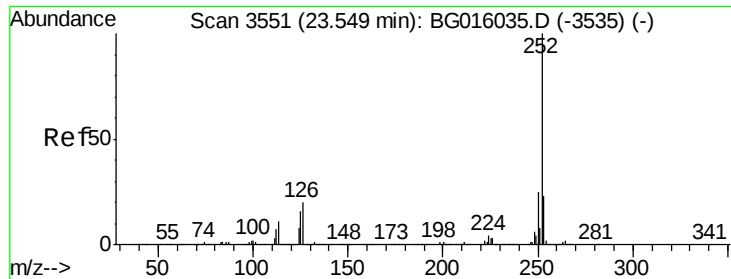
#86
Benzo(k)fluoranthene
Concen: 0.52 ng/u1
RT: 22.95 min Scan# 3449
Delta R.T. -0.05 min
Lab File: BG016037.D
Acq: 25 Feb 2015 15:50

Tgt Ion:252 Resp: 16070
Ion Ratio Lower Upper
252 100
253 26.7 18.2 27.2
125 15.7 11.4 17.2



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(a)pyrene

Concen: 0.34 ng/ul

RT: 23.55 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

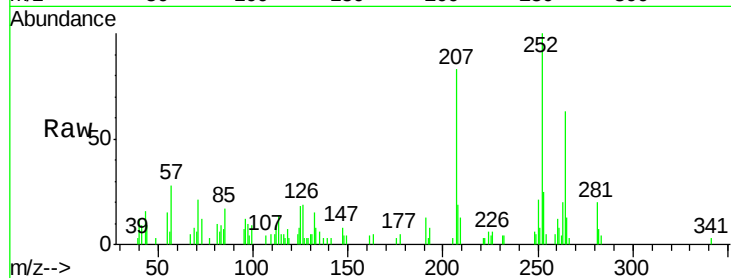
Tgt Ion:252 Resp: 10264

Ion Ratio Lower Upper

252 100

253 24.8 17.9 26.9

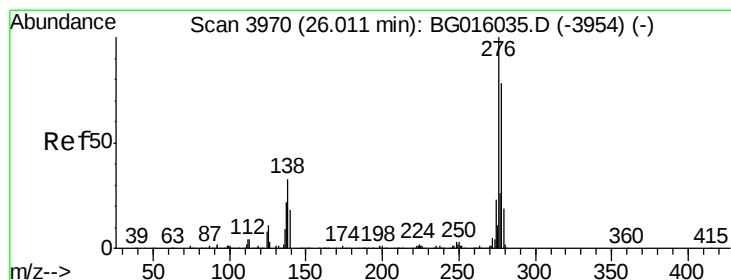
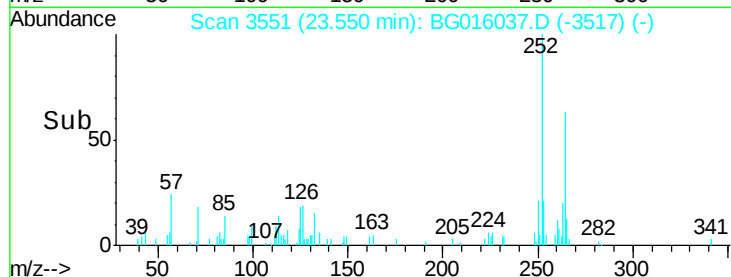
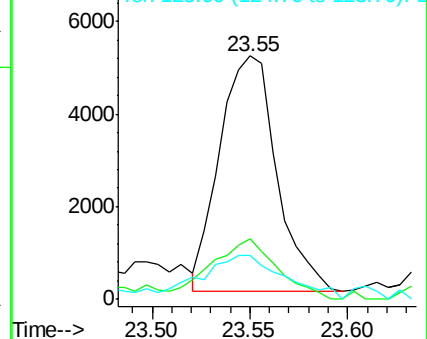
125 18.1 13.2 19.8



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: 0.22 ng/ul

RT: 25.99 min Scan# 3967

Delta R.T. -0.02 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

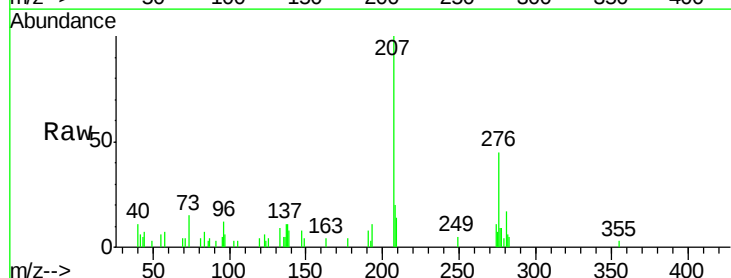
Tgt Ion:276 Resp: 7769

Ion Ratio Lower Upper

276 100

138 24.9 26.2 39.4#

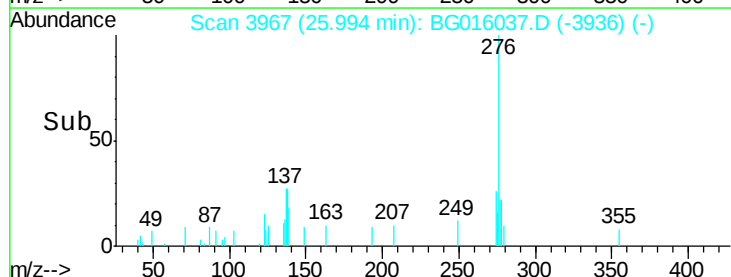
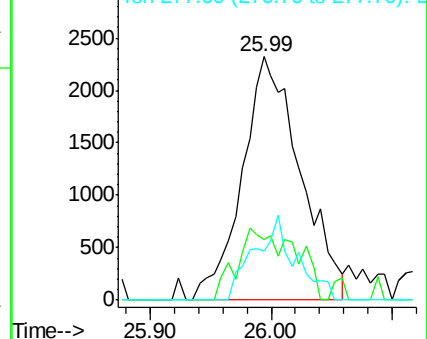
277 19.9 21.0 31.6#

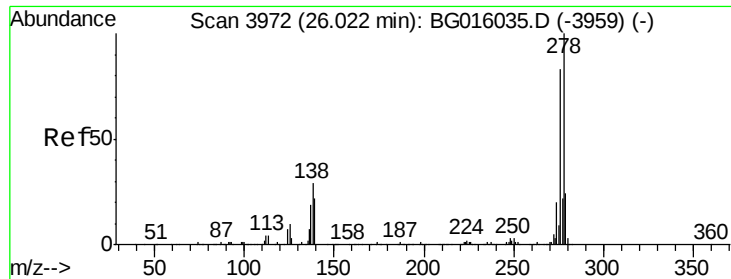


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.07 ng/ul

RT: 26.00 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Instrument :

BNA_G

ClientSampleId :

C0AD8

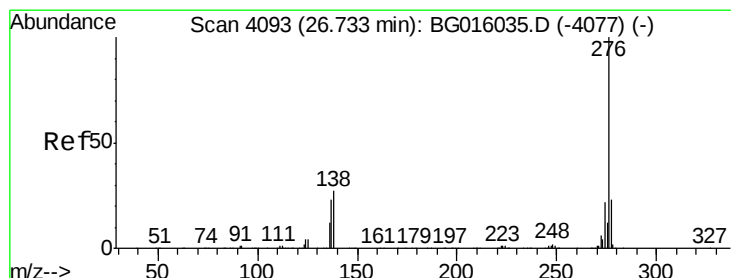
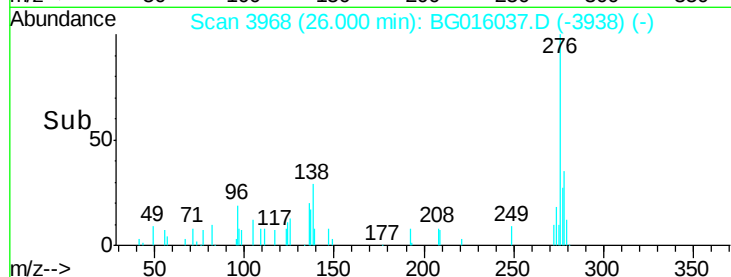
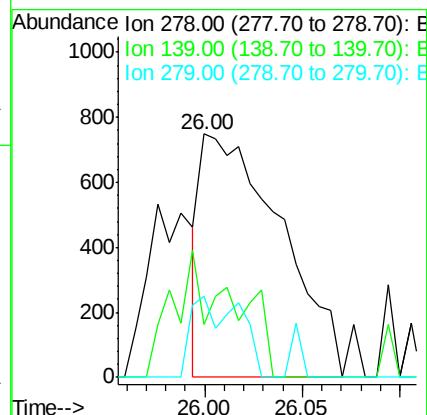
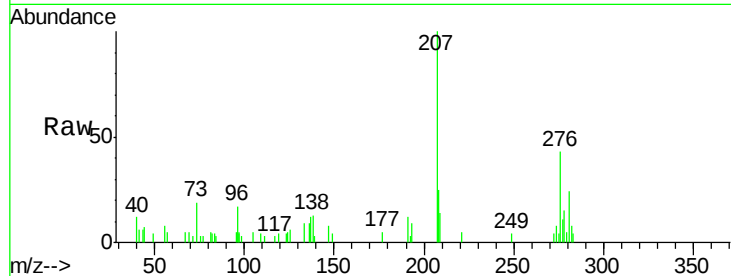
Tgt Ion:278 Resp: 2134

Ion Ratio Lower Upper

278 100

139 21.6 17.0 25.4

279 33.1 19.3 28.9#



#91

Benzo(g,h,i)perylene

Concen: 0.12 ng/ul

RT: 26.72 min Scan# 4090

Delta R.T. -0.02 min

Lab File: BG016037.D

Acq: 25 Feb 2015 15:50

Tgt Ion:276 Resp: 3694

Ion Ratio Lower Upper

276 100

138 24.3 23.0 34.4

277 14.8 20.0 30.0#

