

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016039.D
 Acq On : 25 Feb 2015 16:59
 Operator : TP/IZ
 Sample : G1354-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AEO

Quant Time: Feb 26 00:45:17 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	88848	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	403989	20.00	ng/ul	0.01
33) Acenaphthene-d10	14.44	164	245628	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	517761	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	517015	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	506378	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	82948	9.81	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	48972	9.81	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	63709	10.19	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	57305	9.16	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	28113	9.85	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	20730	7.87	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	50013	8.75	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	79279	12.60	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	176459	10.75	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	239783	10.32	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	15706	4.76	ng/ul	0.00
55) Fluorene-d10	15.42	176	169479	10.27	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	7631	3.82	ng/ul	0.00
68) Anthracene-d10	17.27	188	244255	9.95	ng/ul	0.00
76) Pyrene-d10	19.56	212	254873	10.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	223230	9.72	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.96	77	743	0.14	ng/ul#	80
4) Phenol	6.99	94	9022	1.01	ng/ul#	92
6) Bis(2-Chloroethyl)ether	7.24	93	293	0.04	ng/ul#	79
10) 2,2'-oxybis(1-Chloropropan	8.50	45	199	0.02	ng/ul#	67
12) Acetophenone	8.63	105	6049	0.64	ng/ul	96
13) N-Nitroso-di-n-propylamine	8.50	70	1204	0.23	ng/ul#	1
19) Isophorone	9.68	82	1129	0.08	ng/ul#	63
26) Naphthalene	10.65	128	97	0.00	ng/ul#	69
31) 4-Chloro-3-methylphenol	11.90	107	72	0.01	ng/ul#	19
32) 2-Methylnaphthalene	12.26	142	151	0.01	ng/ul#	7
42) Dimethylphthalate	13.89	163	55695	3.25	ng/ul	99
43) 2,6-Dinitrotoluene	13.88	165	680	0.23	ng/ul#	36
51) Dibenzofuran	14.84	168	56	0.00	ng/ul#	38
54) Diethylphthalate	15.25	149	4734	0.27	ng/ul	97
56) Fluorene	15.48	166	279	0.01	ng/ul#	78
66) Pentachlorophenol	16.83	266	260	0.10	ng/ul	93
67) Phenanthrene	17.22	178	3737	0.13	ng/ul	97
69) Anthracene	17.22	178	3737	0.13	ng/ul	97
72) Carbazole	17.57	167	251	0.01	ng/ul#	21
73) Di-n-butylphthalate	18.14	149	2991	0.10	ng/ul#	95
74) Fluoranthene	19.23	202	10490	0.33	ng/ul	95
77) Pyrene	19.59	202	10804	0.34	ng/ul	97
78) Butylbenzylphthalate	20.49	149	679	0.06	ng/ul#	85
80) Benzo(a)anthracene	21.33	228	6910	0.24	ng/ul#	89

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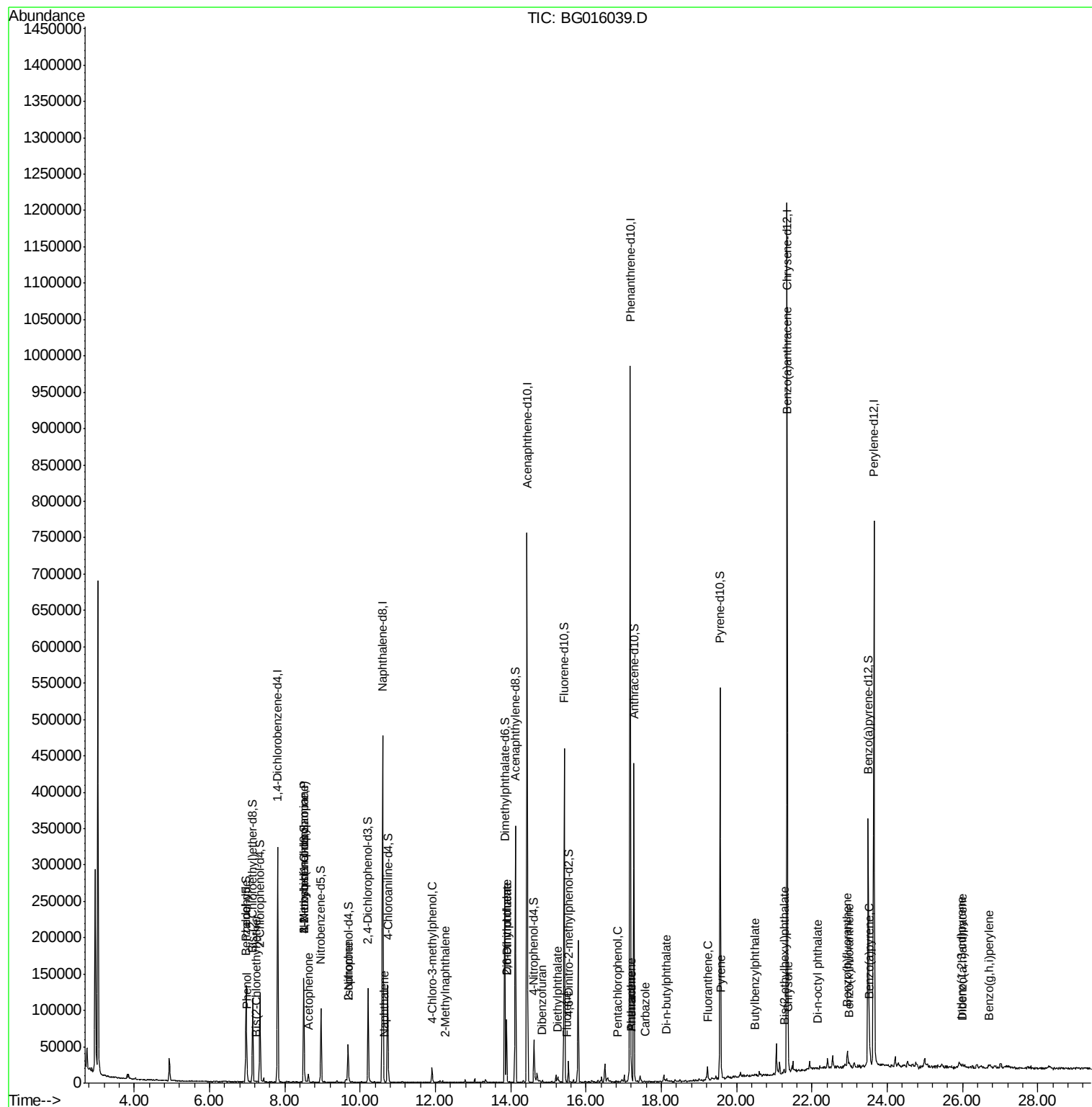
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bis(2-ethylhexyl)phthalate	21.26	149	2175	0.13	ng/ul#	91
82) Chrysene	21.38	228	4014	0.15	ng/ul#	87
84) Di-n-octyl phthalate	22.16	149	372	0.01	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	7187	0.25	ng/ul#	96
86) Benzo(k)fluoranthene	22.99	252	2710	0.10	ng/ul#	69
88) Benzo(a)pyrene	23.54	252	5154	0.18	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.99	276	4114	0.13	ng/ul	92
90) Dibenzo(a,h)anthracene	26.02	278	384	0.01	ng/ul#	49
91) Benzo(g,h,i)perylene	26.71	276	3795	0.14	ng/ul#	88

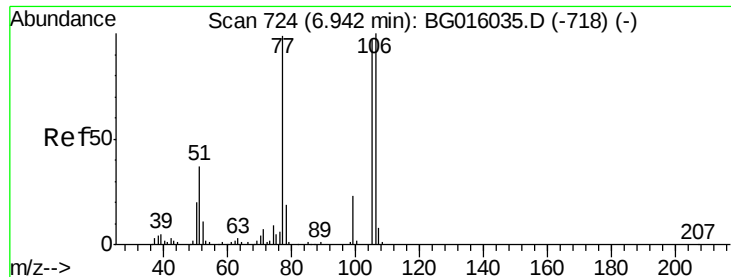
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Benzaldehyde

Concen: 0.14 ng/ul

RT: 6.96 min Scan# 727

Delta R.T. 0.02 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

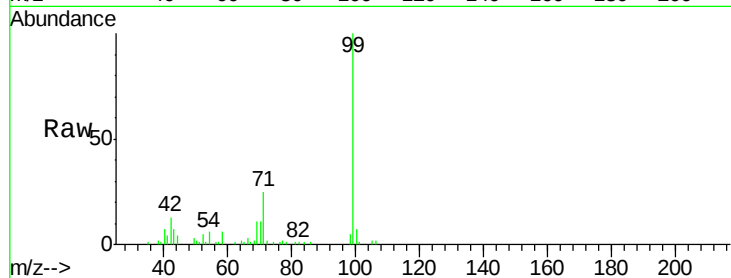
Tgt Ion: 77 Resp: 743

Ion Ratio Lower Upper

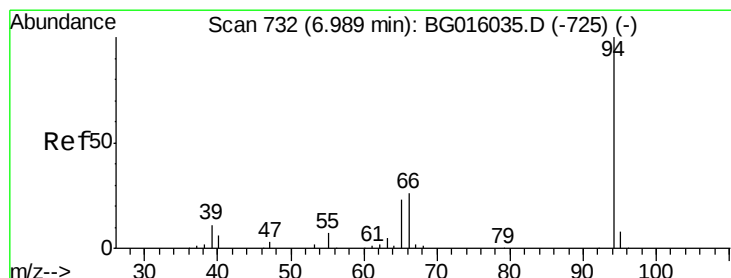
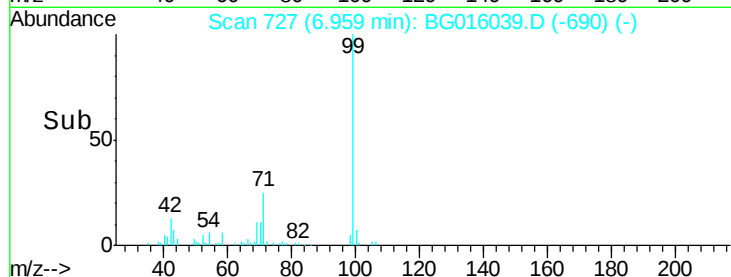
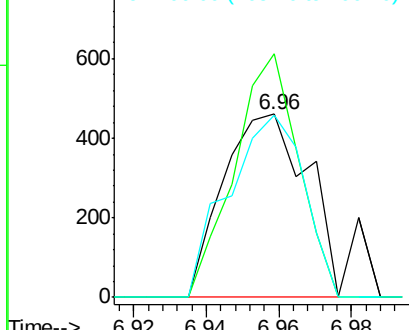
77 100

105 133.0 76.6 114.8#

106 99.6 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: 1.01 ng/ul

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

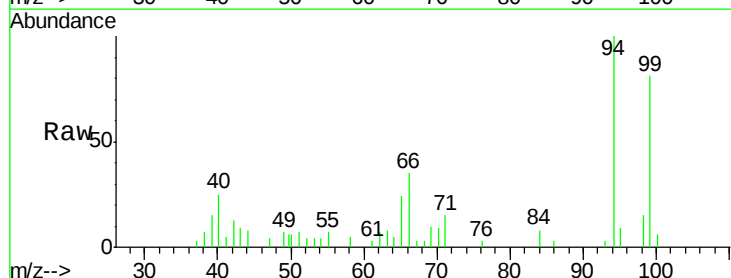
Tgt Ion: 94 Resp: 9022

Ion Ratio Lower Upper

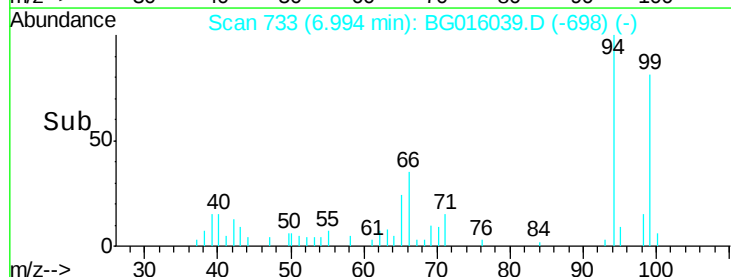
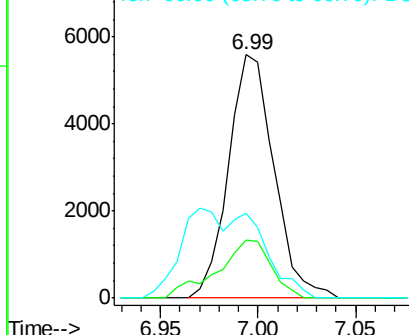
94 100

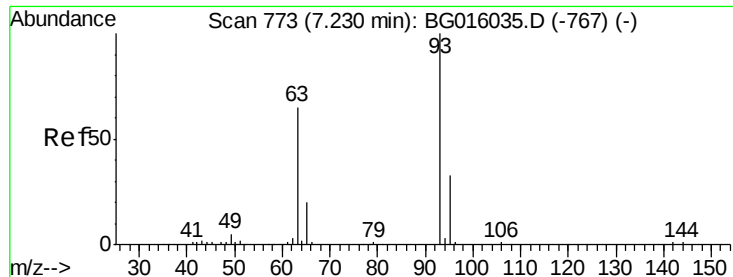
65 24.0 20.8 31.2

66 34.8 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



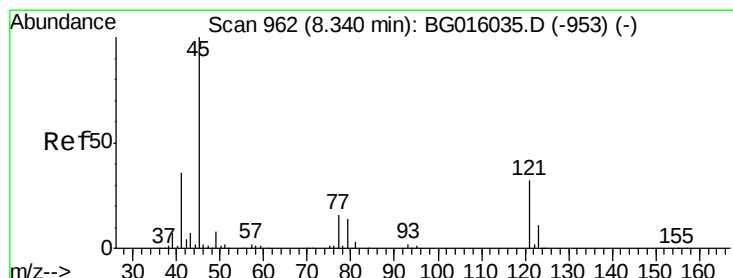
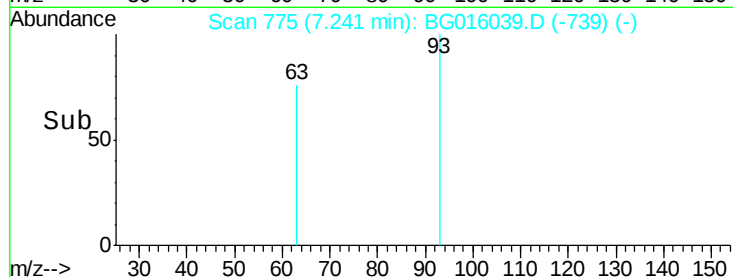
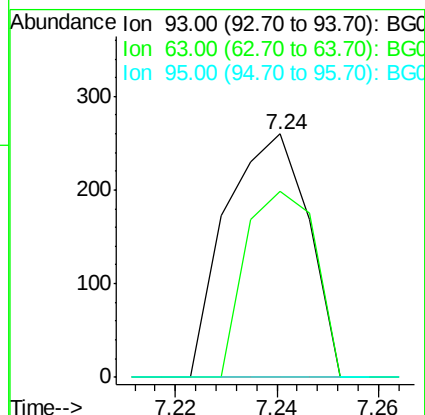
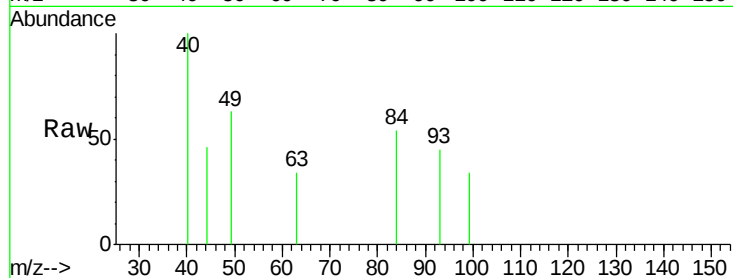


#6

Bis(2-Chloroethyl)ether
 Concen: 0.04 ng/ul
 RT: 7.24 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BG016039.D
 Acq: 25 Feb 2015 16:59

Instrument :
 BNA_G
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 C0AE0

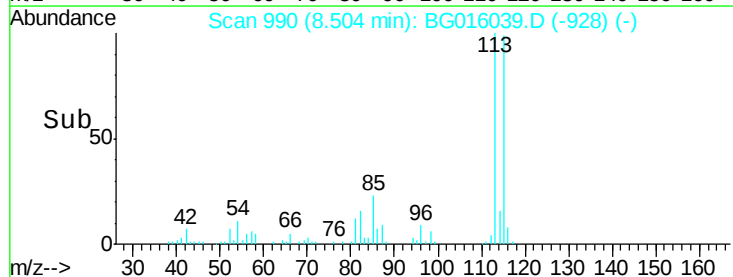
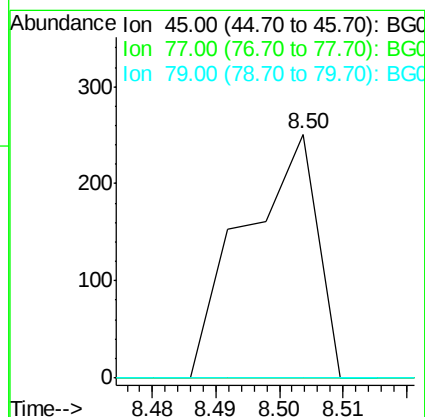
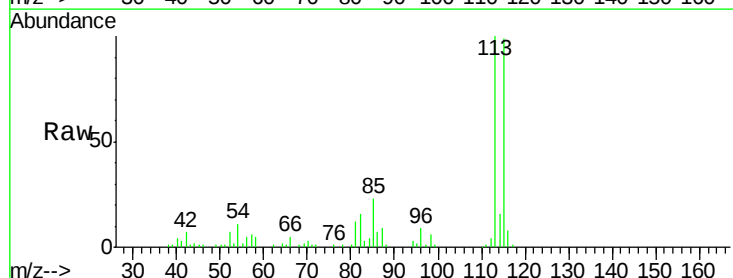
Tgt Ion: 93 Resp: 293
 Ion Ratio Lower Upper
 93 100
 63 76.2 57.5 86.3
 95 0.0 25.8 38.6#

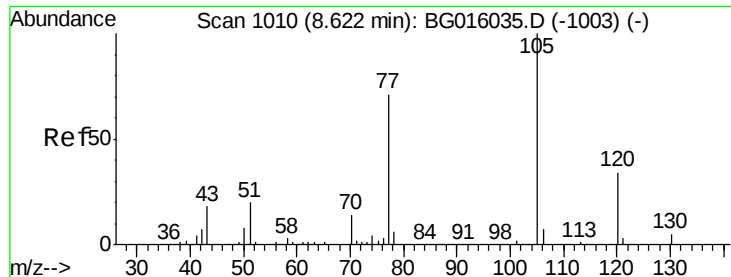


#10

2,2'-oxybis(1-Chloropropane)
 Concen: 0.02 ng/ul
 RT: 8.50 min Scan# 990
 Delta R.T. 0.16 min
 Lab File: BG016039.D
 Acq: 25 Feb 2015 16:59

Tgt Ion: 45 Resp: 199
 Ion Ratio Lower Upper
 45 100
 77 0.0 11.4 17.2#
 79 0.0 9.0 13.6#





#12

Acetophenone

Concen: 0.64 ng/ul

RT: 8.63 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

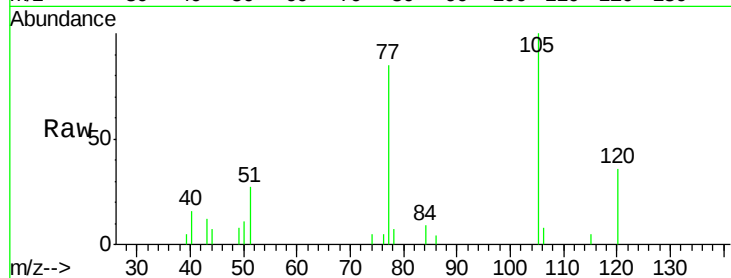
Tgt Ion: 105 Resp: 6049

Ion Ratio Lower Upper

105 100

77 84.8 64.9 97.3

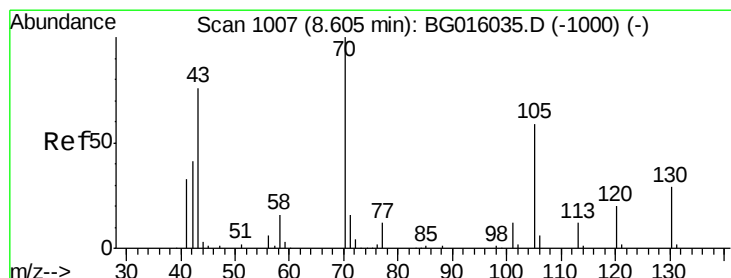
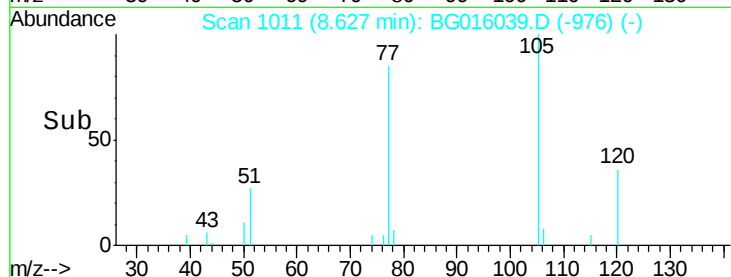
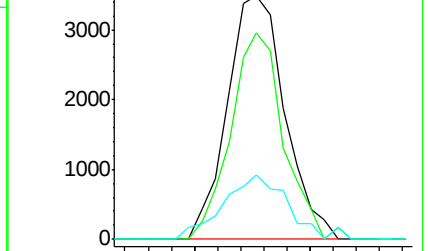
51 26.6 19.4 29.0



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: 0.23 ng/ul

RT: 8.50 min Scan# 990

Delta R.T. -0.10 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Tgt Ion: 70 Resp: 1204

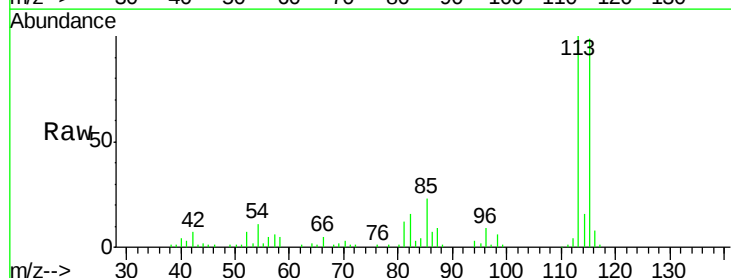
Ion Ratio Lower Upper

70 100

42 259.0 37.8 56.6#

101 0.0 9.3 13.9#

130 0.0 22.2 33.2#

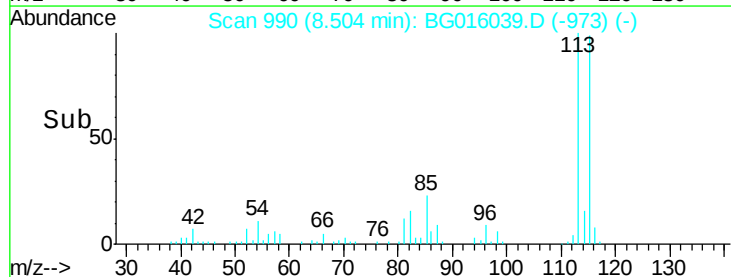
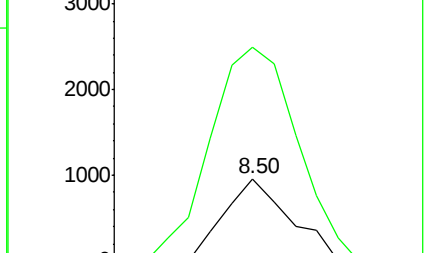


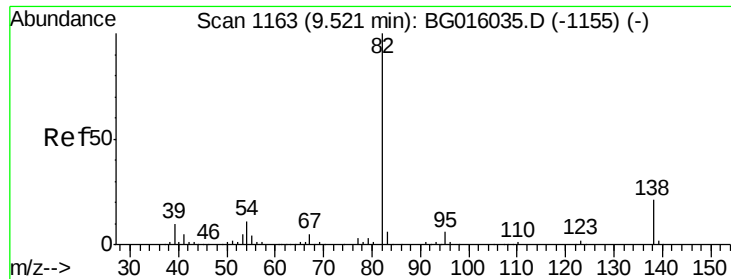
Abundance Ion 70.00 (69.70 to 70.70): BGC

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





#19

Isophorone

Concen: 0.08 ng/ul

RT: 9.68 min Scan# 1191

Delta R.T. 0.16 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

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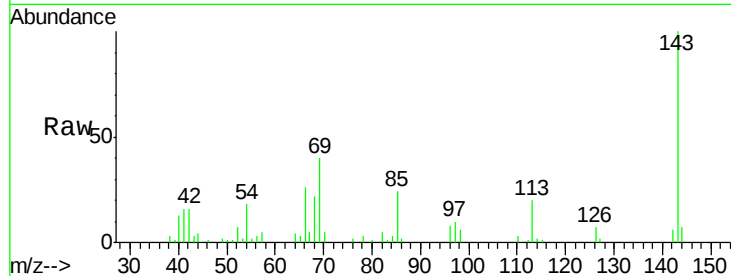
Tgt Ion: 82 Resp: 1129

Ion Ratio Lower Upper

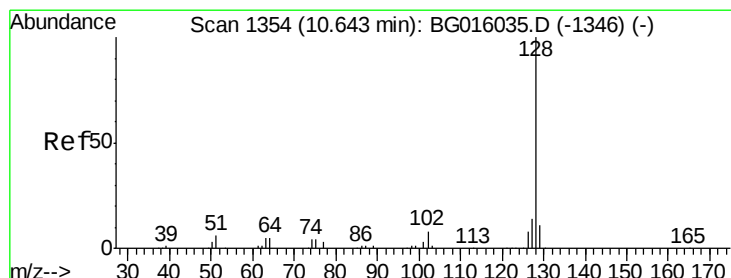
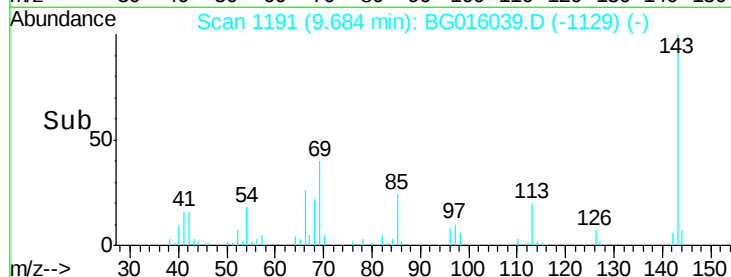
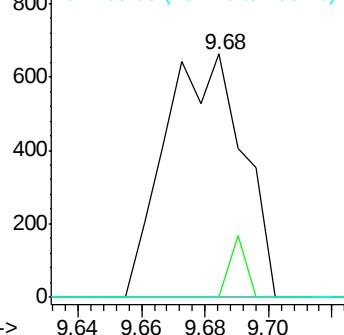
82 100

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: 0.00 ng/ul

RT: 10.65 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

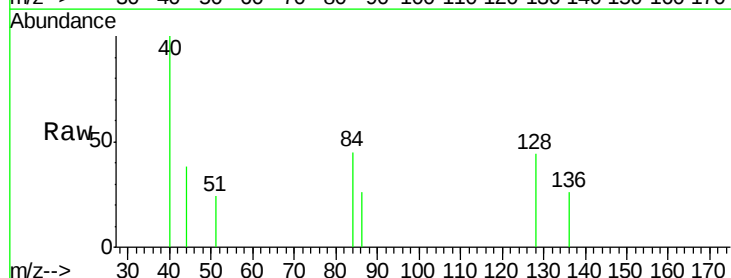
Tgt Ion: 128 Resp: 97

Ion Ratio Lower Upper

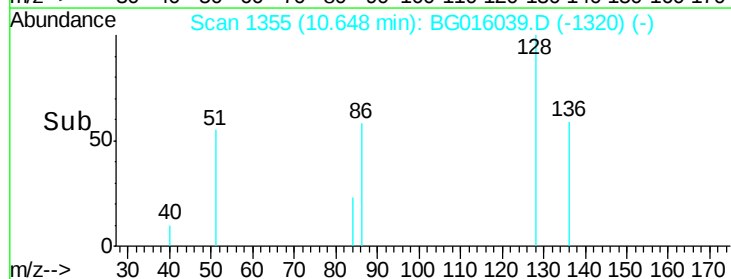
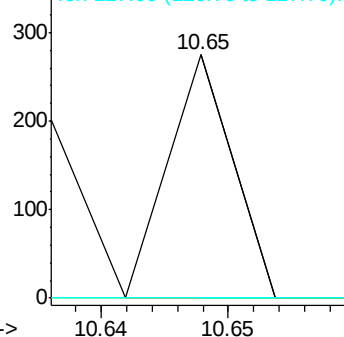
128 100

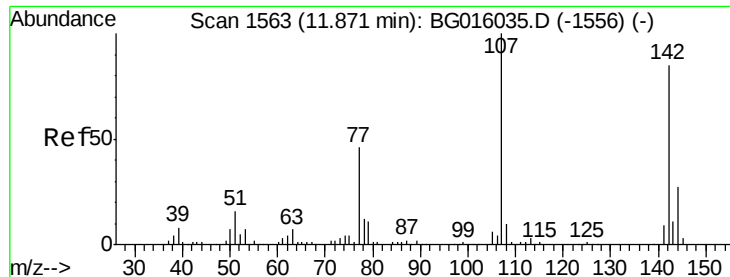
129 0.0 8.7 13.1#

127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

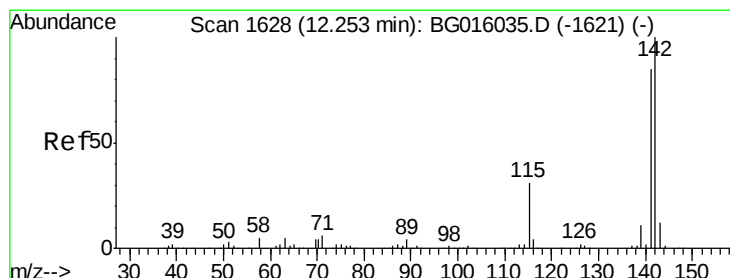
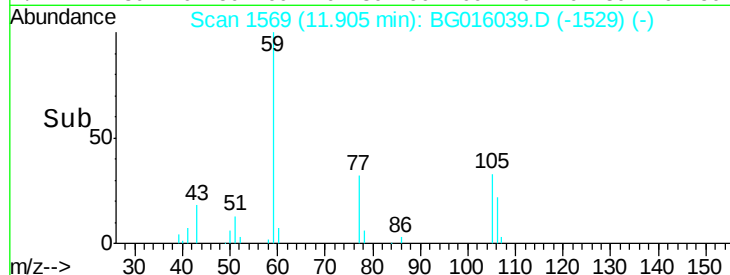
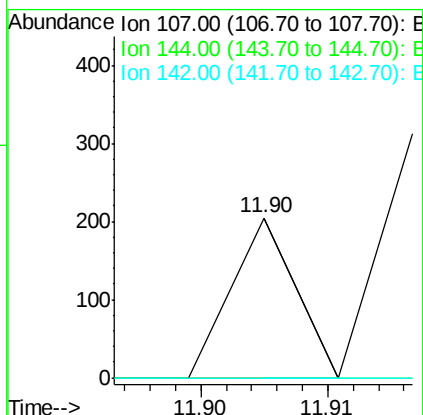
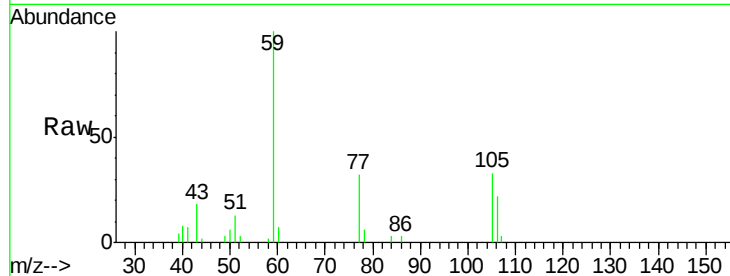




#31
 4-Chloro-3-methylphenol
 Concen: 0.01 ng/ul
 RT: 11.90 min Scan# 1569
 Delta R.T. 0.03 min
 Lab File: BG016039.D
 Acq: 25 Feb 2015 16:59

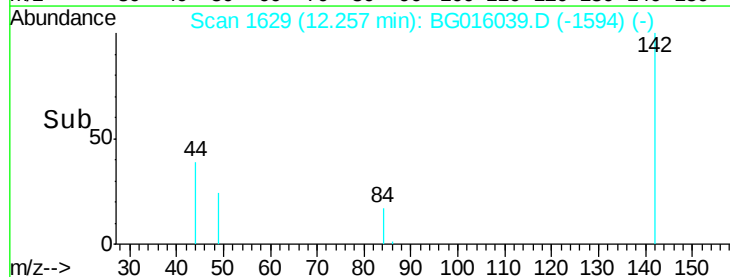
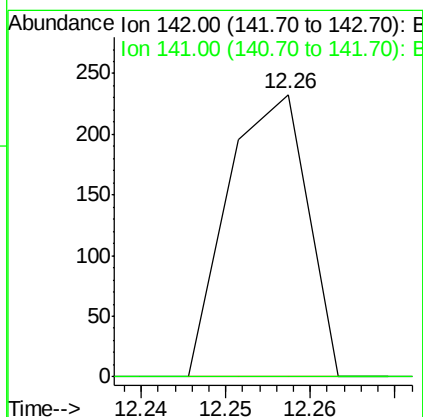
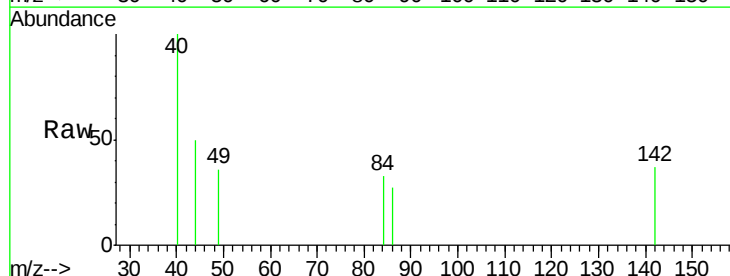
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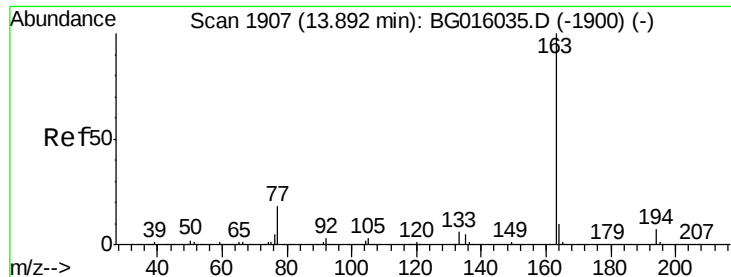
Tgt Ion:107 Resp: 72
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.1 31.7#
 142 0.0 63.7 95.5#



#32
 2-Methylnaphthalene
 Concen: 0.01 ng/ul
 RT: 12.26 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BG016039.D
 Acq: 25 Feb 2015 16:59

Tgt Ion:142 Resp: 151
 Ion Ratio Lower Upper
 142 100
 141 0.0 68.3 102.5#





#42

Dimethylphthalate

Concen: 3.25 ng/ul

RT: 13.89 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

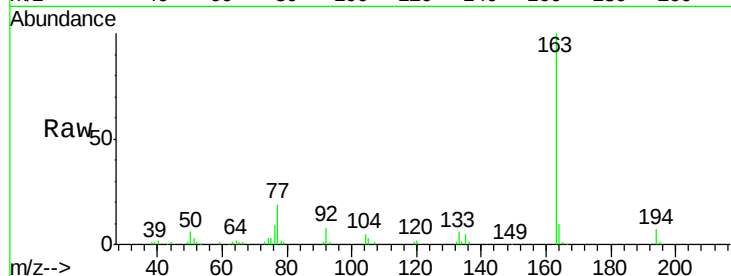
Tgt Ion:163 Resp: 55695

Ion Ratio Lower Upper

163 100

194 6.7 5.3 7.9

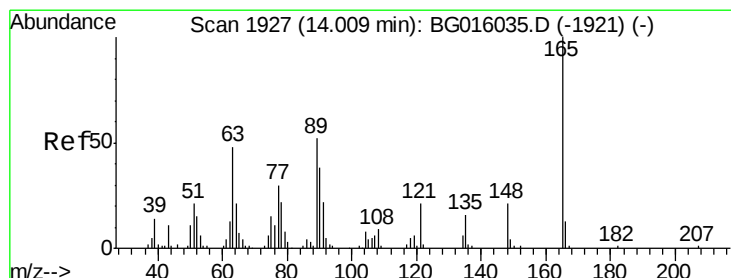
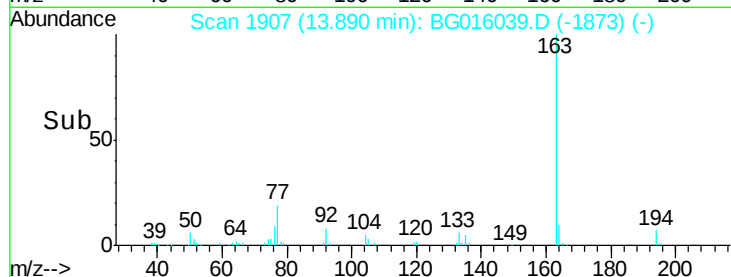
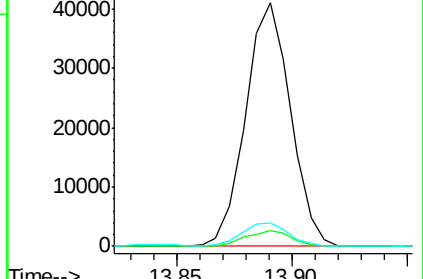
164 9.9 8.5 12.7



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



#43

2,6-Dinitrotoluene

Concen: 0.23 ng/ul

RT: 13.88 min Scan# 1906

Delta R.T. -0.12 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

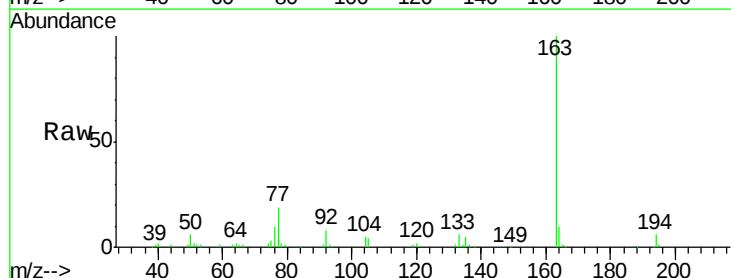
Tgt Ion:165 Resp: 680

Ion Ratio Lower Upper

165 100

89 0.0 39.8 59.8#

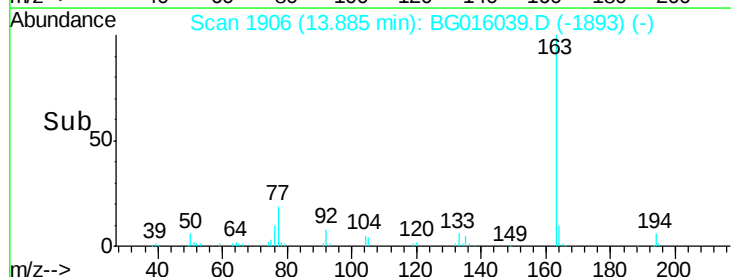
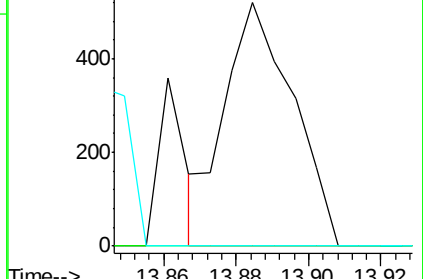
121 0.0 15.8 23.6#

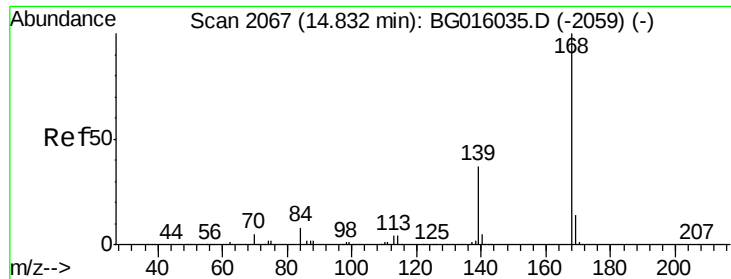


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#51

Dibenzofuran

Concen: 0.00 ng/ul

RT: 14.84 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

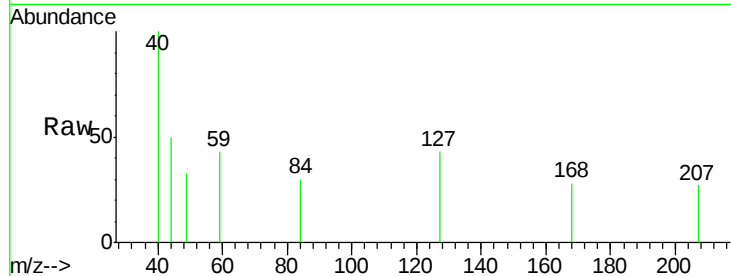
C0AE0

Tgt Ion:168 Resp: 56

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

250

200

150

100

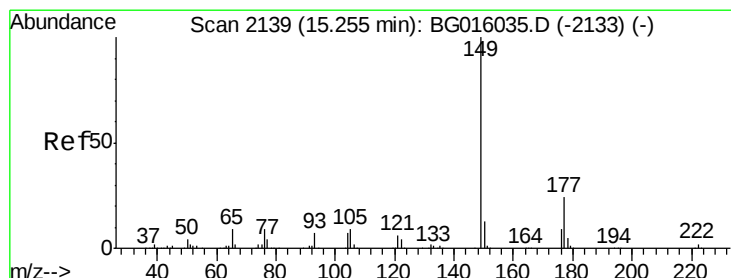
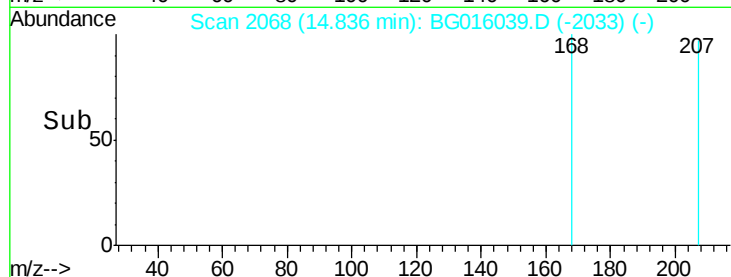
50

0

14.83

14.84

Time-->



#54

Diethylphthalate

Concen: 0.27 ng/ul

RT: 15.25 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

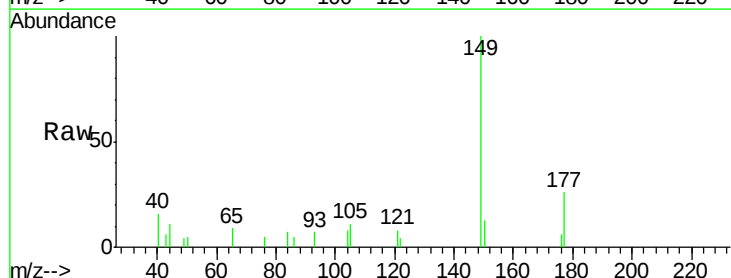
Tgt Ion:149 Resp: 4734

Ion Ratio Lower Upper

149 100

177 26.0 19.3 28.9

150 12.8 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

5000

4000

3000

2000

1000

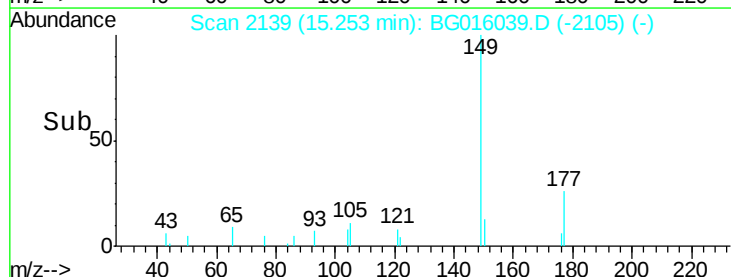
0

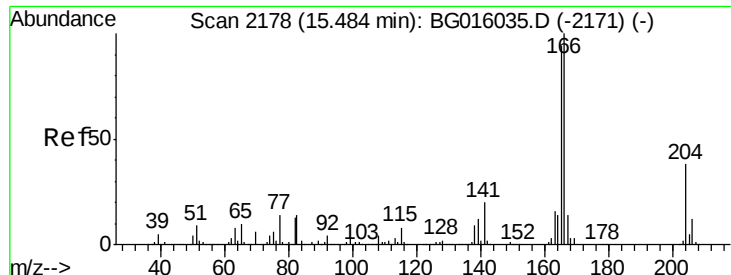
15.20

15.25

15.30

Time-->





#56

Fluorene

Concen: 0.01 ng/ul

RT: 15.48 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

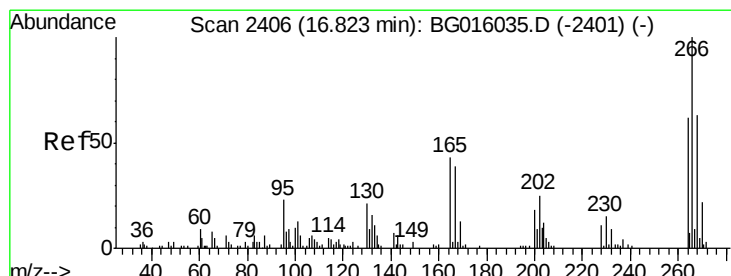
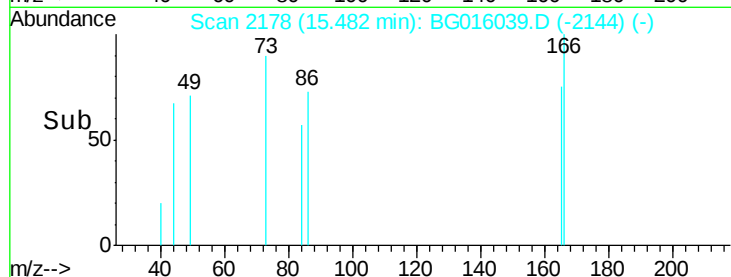
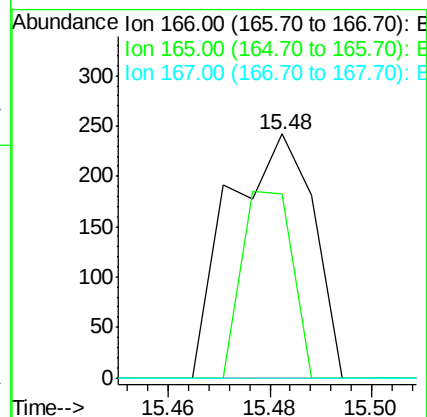
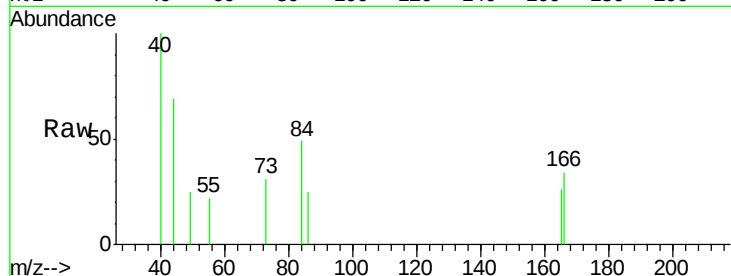
Tgt Ion:166 Resp: 279

Ion Ratio Lower Upper

166 100

165 75.2 75.4 113.2#

167 0.0 11.0 16.4#



#66

Pentachlorophenol

Concen: 0.10 ng/ul

RT: 16.83 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

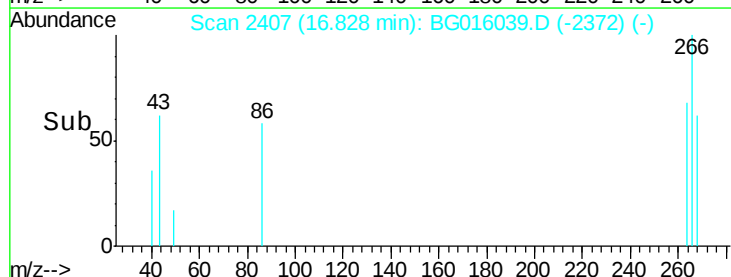
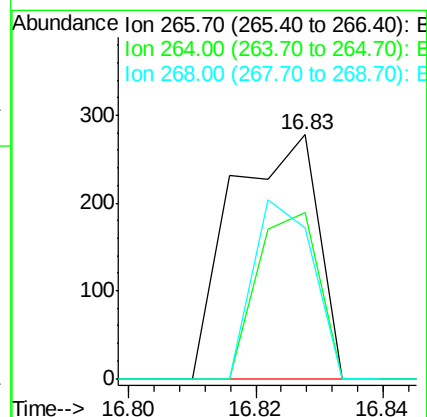
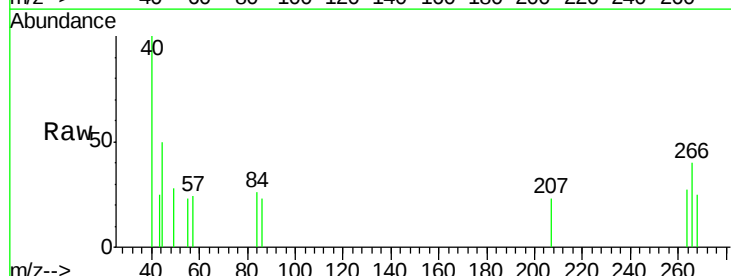
Tgt Ion:266 Resp: 260

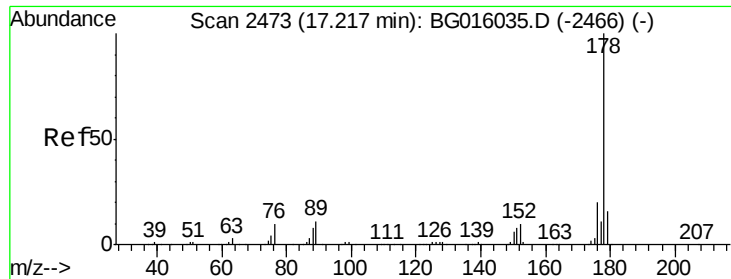
Ion Ratio Lower Upper

266 100

264 68.0 46.6 70.0

268 61.5 49.0 73.4





#67

Phenanthrene

Concen: 0.13 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

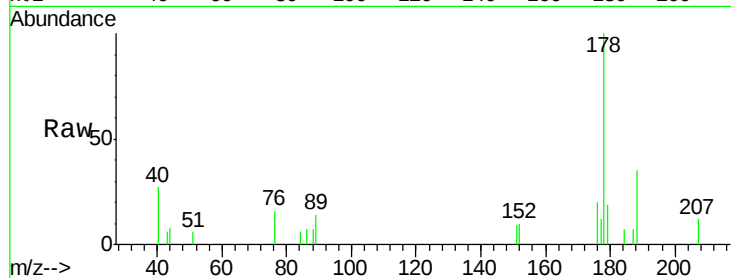
Tgt Ion:178 Resp: 3737

Ion Ratio Lower Upper

178 100

179 18.8 12.8 19.2

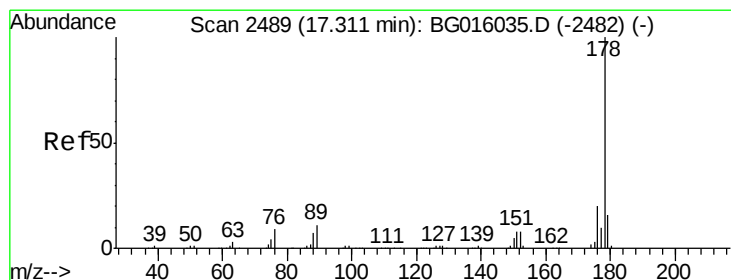
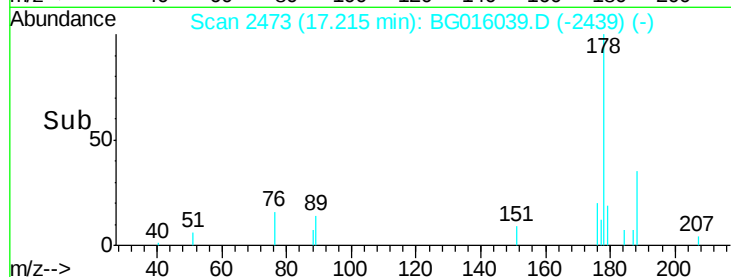
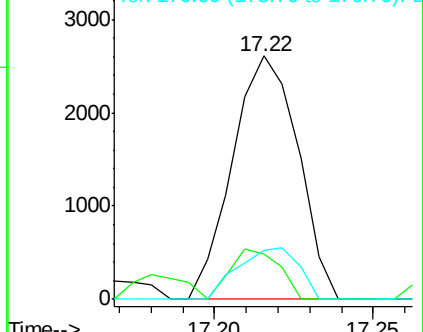
176 20.1 16.5 24.7



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: 0.13 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. -0.10 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

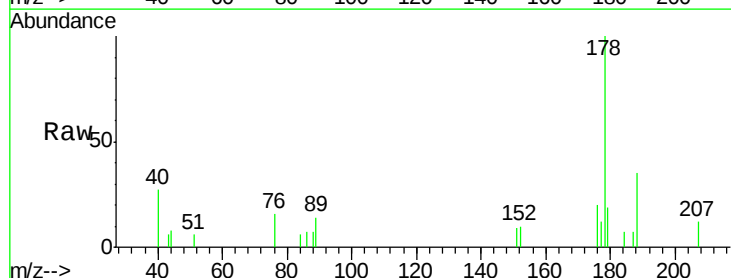
Tgt Ion:178 Resp: 3737

Ion Ratio Lower Upper

178 100

179 18.8 12.9 19.3

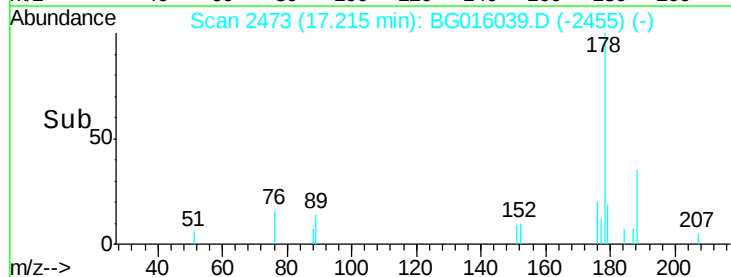
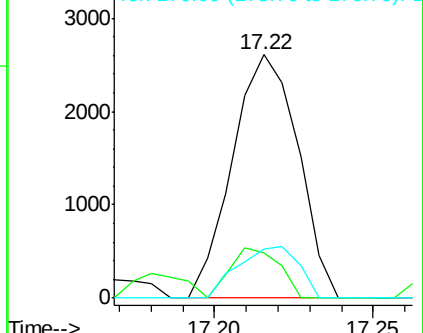
176 20.1 15.7 23.5

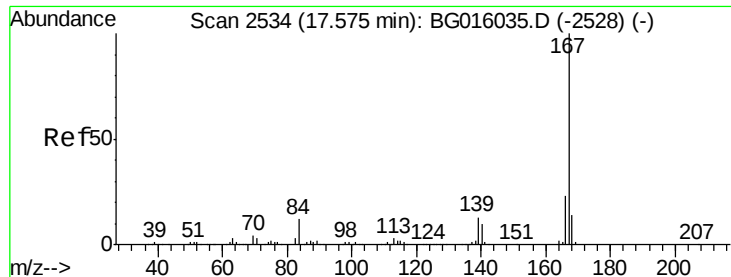


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.01 ng/ul

RT: 17.57 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

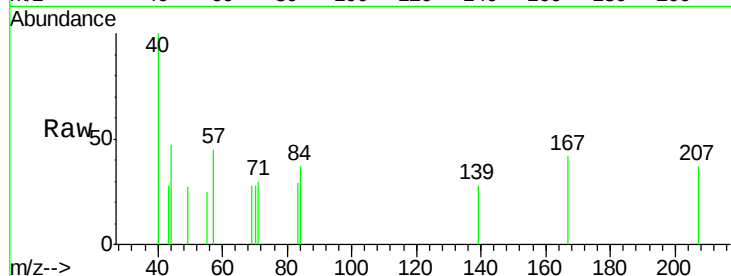
Tgt Ion:167 Resp: 251

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

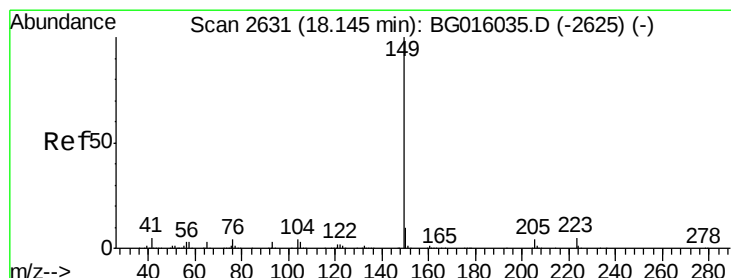
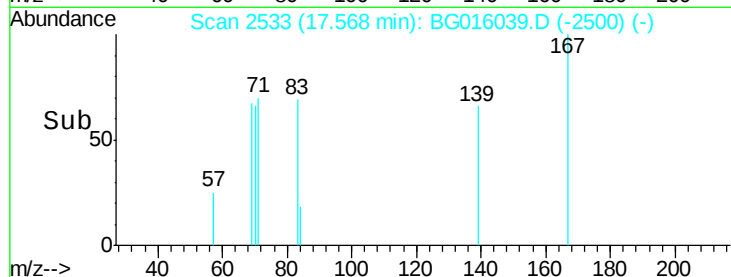
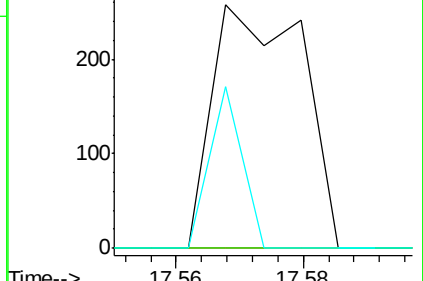
139 66.3 10.7 16.1#



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: 0.10 ng/ul

RT: 18.14 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

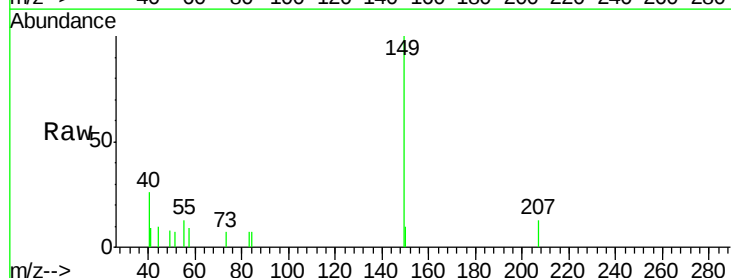
Tgt Ion:149 Resp: 2991

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

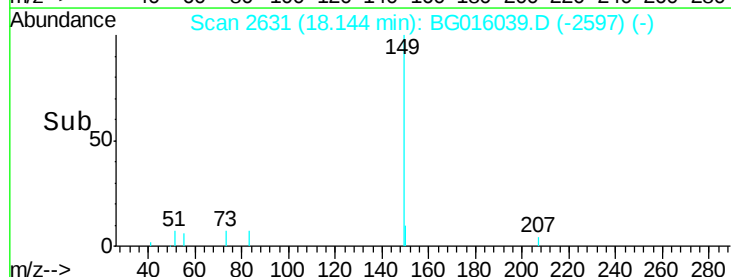
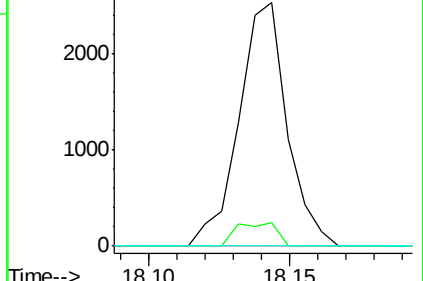
104 0.0 3.7 5.5#

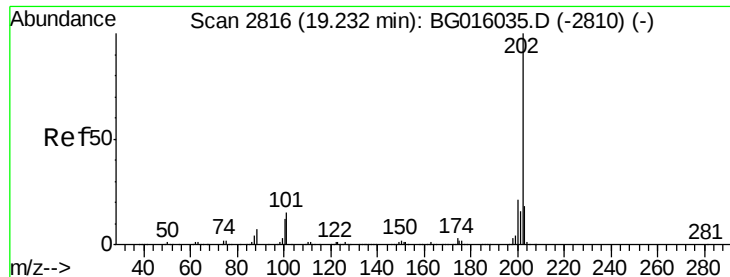


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.33 ng/ul

RT: 19.23 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

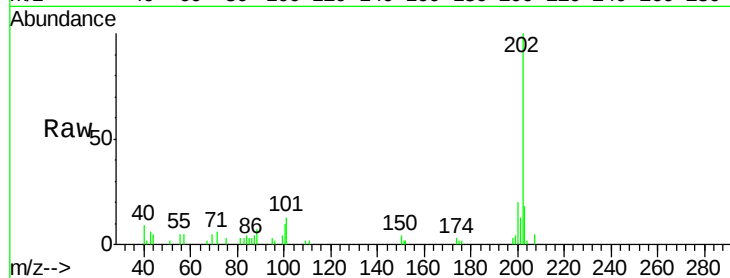
Instrument :

BNA_G

ClientSampleId :

C0AE0

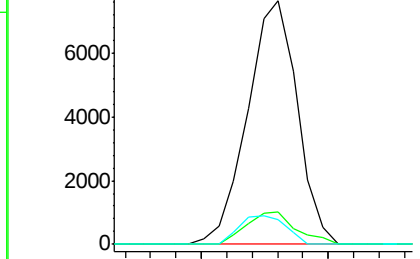
Tgt Ion:	202	Resp:	10490
Ion	Ratio	Lower	Upper
202	100		
101	13.3	12.3	18.5
100	10.2	9.8	14.6



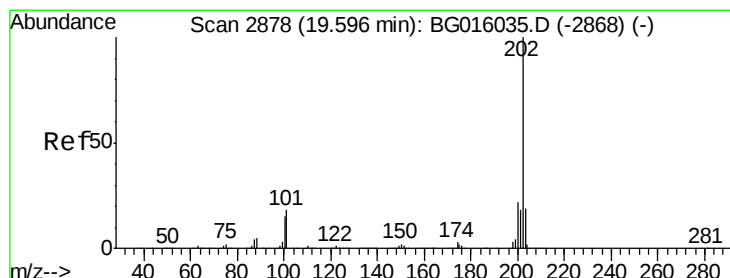
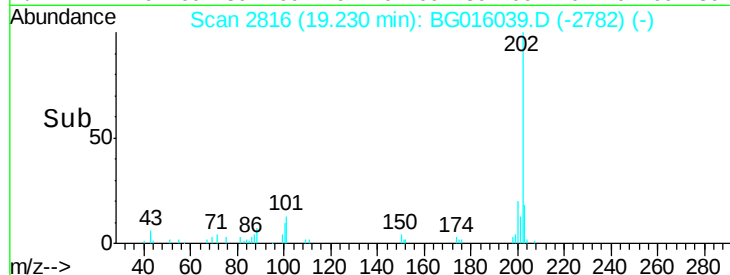
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 0.34 ng/ul

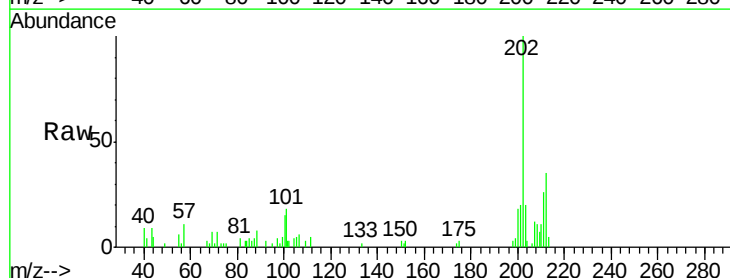
RT: 19.59 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

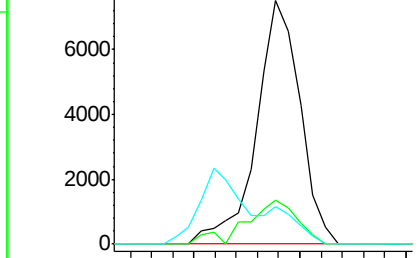
Tgt Ion:	202	Resp:	10804
Ion	Ratio	Lower	Upper
202	100		
101	17.9	15.8	23.8
100	15.2	12.7	19.1



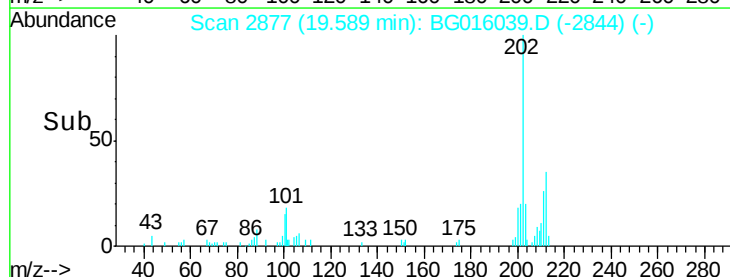
Abundance Ion 202.00 (201.70 to 202.70): E

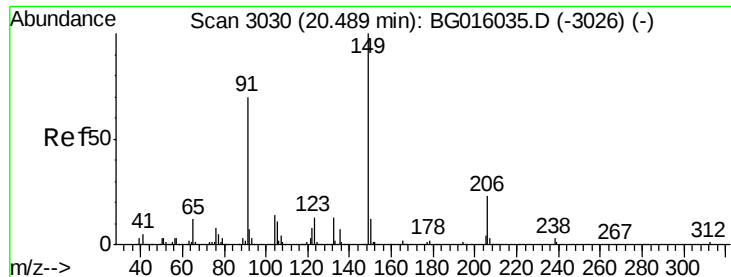
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

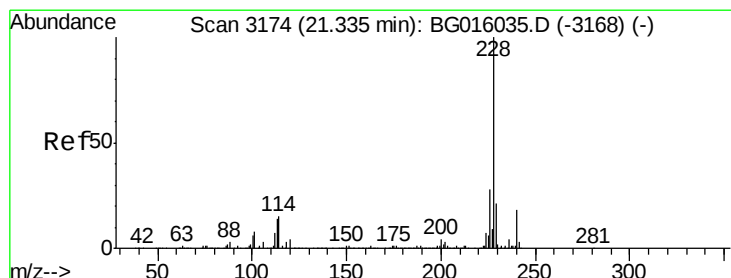
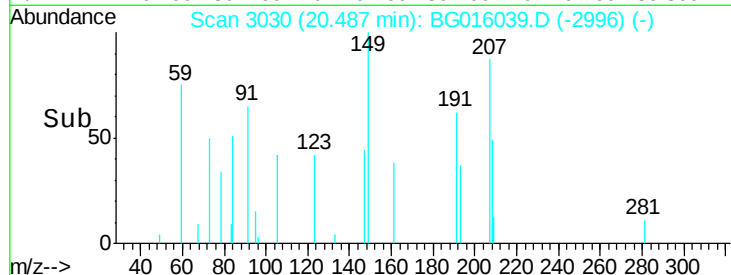
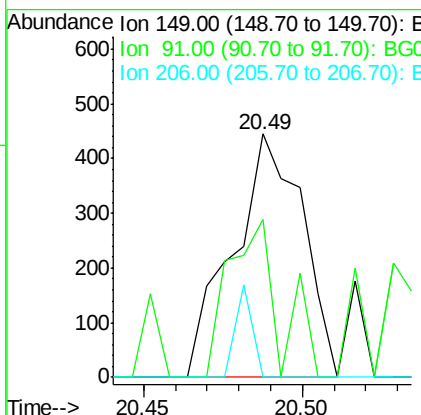
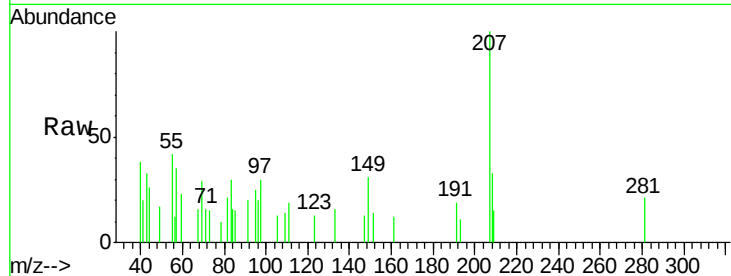




#78
 Butylbenzylphthalate
 Concen: 0.06 ng/ul
 RT: 20.49 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: BG016039.D
 Acq: 25 Feb 2015 16:59

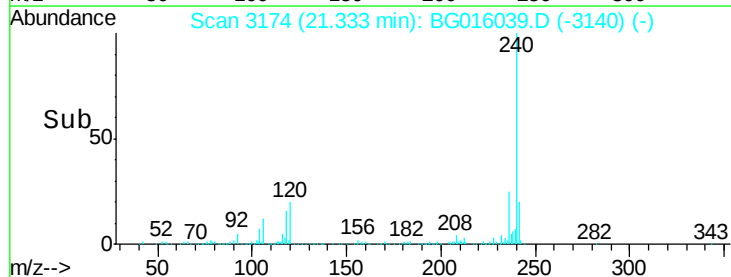
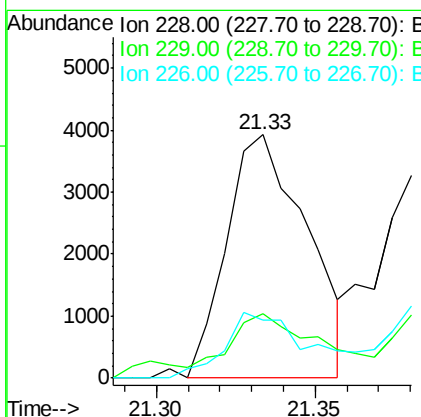
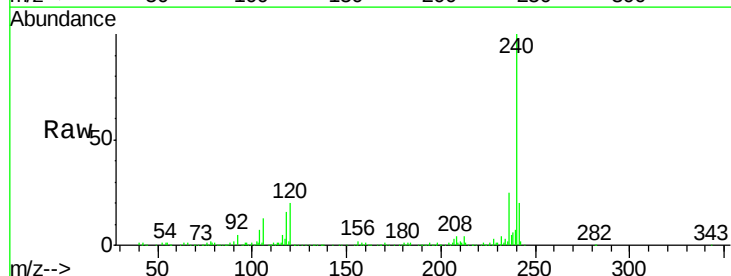
Instrument :
 BNA_G
 ClientSampleId :
 C0AE0

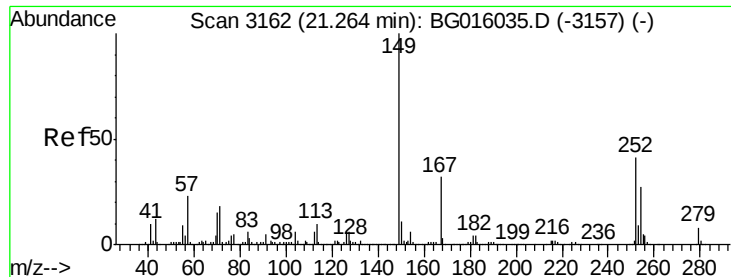
Tgt Ion:	149	Resp:	679
Ion Ratio	Lower	Upper	
149	100		
91	64.7	53.6	80.4
206	0.0	19.1	28.7#



#80
 Benzo(a)anthracene
 Concen: 0.24 ng/ul
 RT: 21.33 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG016039.D
 Acq: 25 Feb 2015 16:59

Tgt Ion:	228	Resp:	6910
Ion Ratio	Lower	Upper	
228	100		
229	26.5	16.4	24.6#
226	23.8	22.8	34.2





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng/ul

RT: 21.26 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

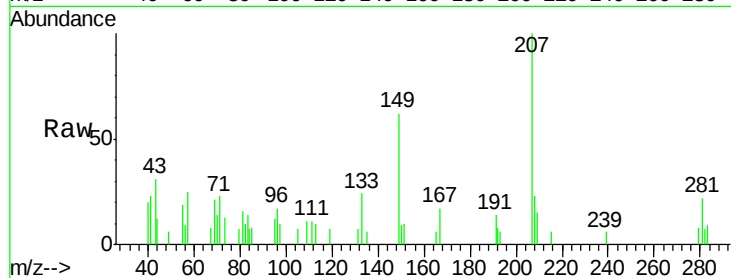
Tgt Ion:149 Resp: 2175

Ion Ratio Lower Upper

149 100

167 27.9 25.5 38.3

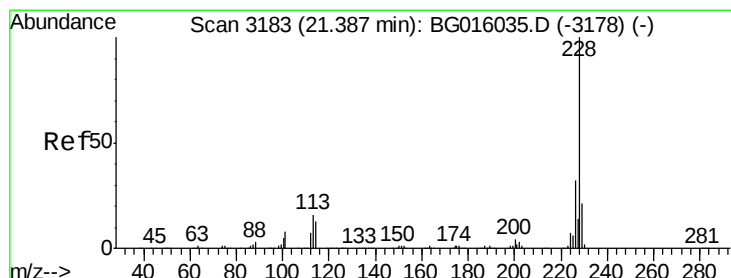
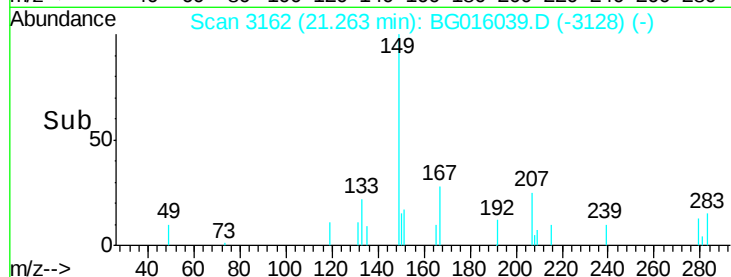
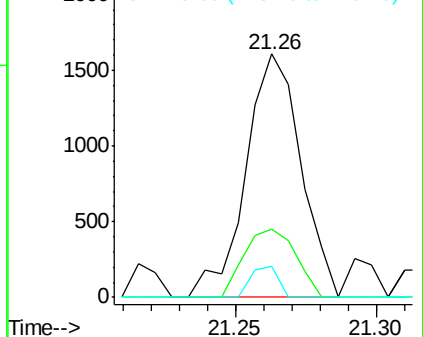
279 13.1 6.0 9.0#



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: 0.15 ng/ul

RT: 21.38 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

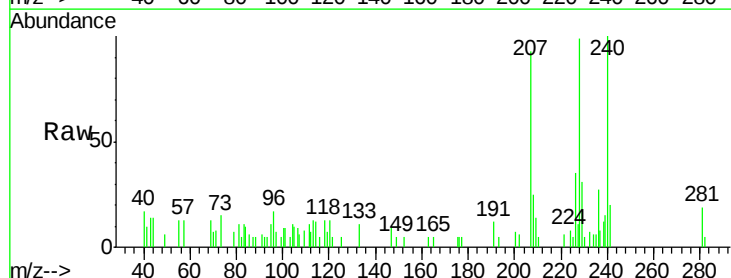
Tgt Ion:228 Resp: 4014

Ion Ratio Lower Upper

228 100

226 35.3 24.7 37.1

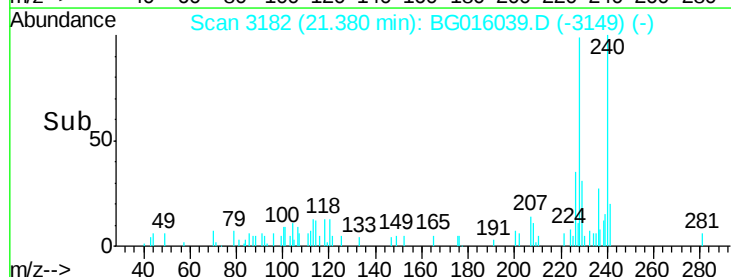
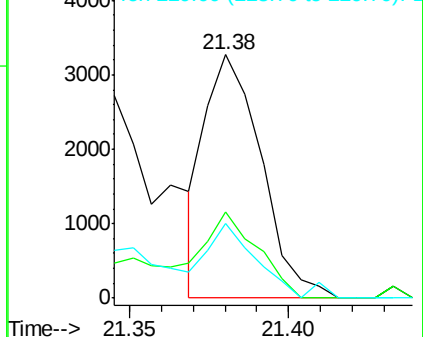
229 30.9 17.0 25.6#

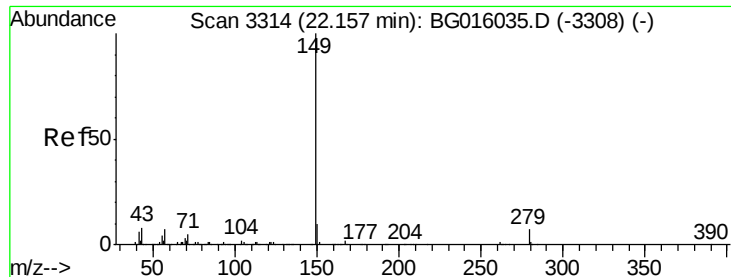


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.16 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

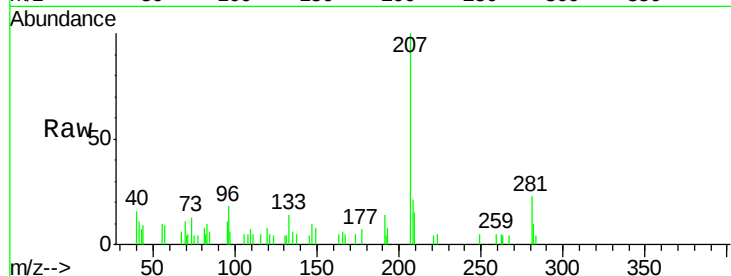
Instrument :

BNA_G

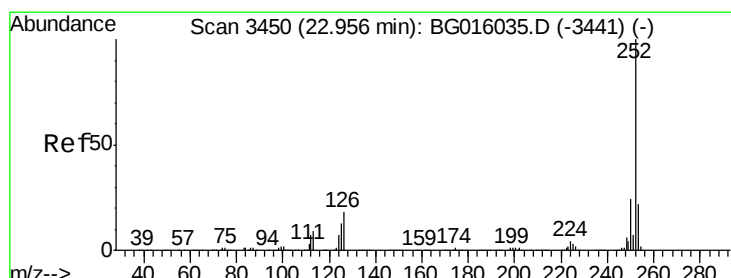
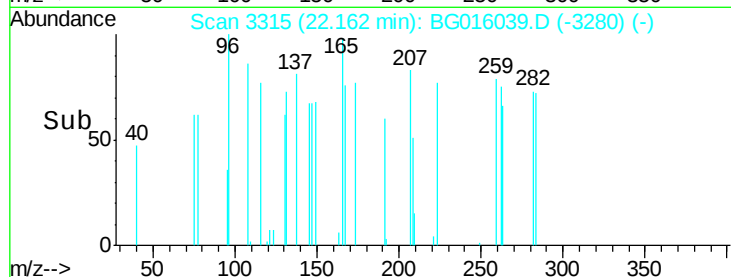
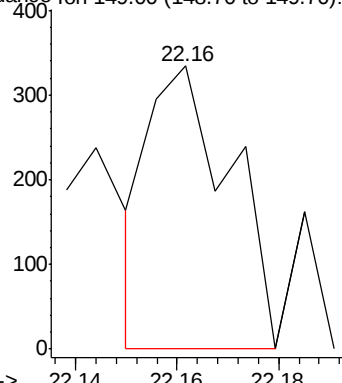
ClientSampleId :

C0AE0

Tgt Ion:149 Resp: 372



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.25 ng/ul

RT: 22.95 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

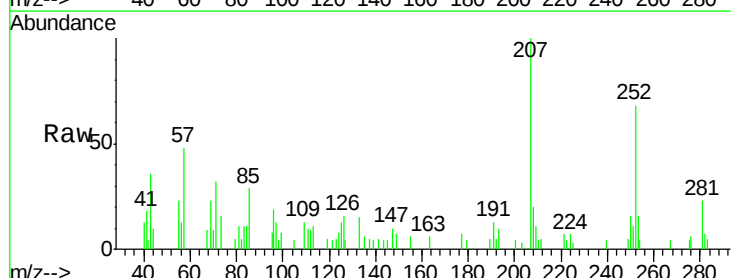
Tgt Ion:252 Resp: 7187

Ion Ratio Lower Upper

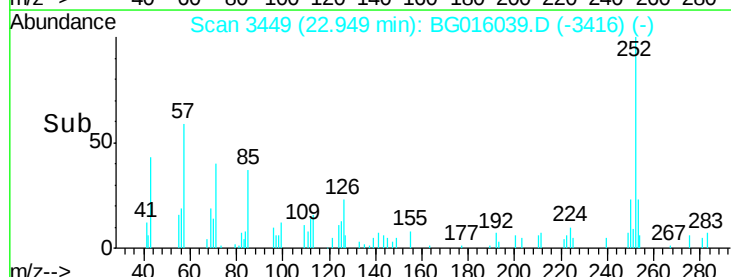
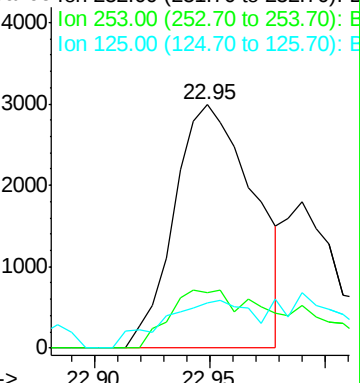
252 100

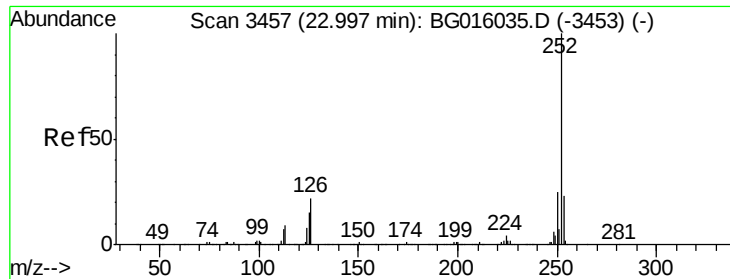
253 23.0 18.2 27.2

125 18.6 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

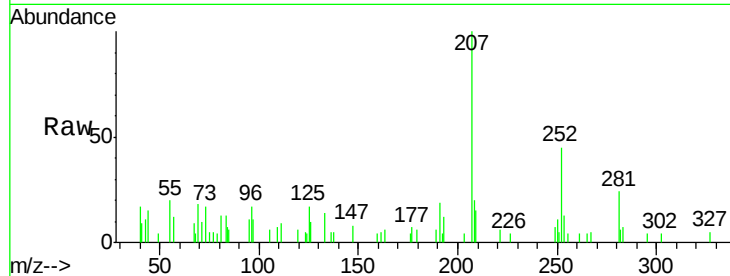




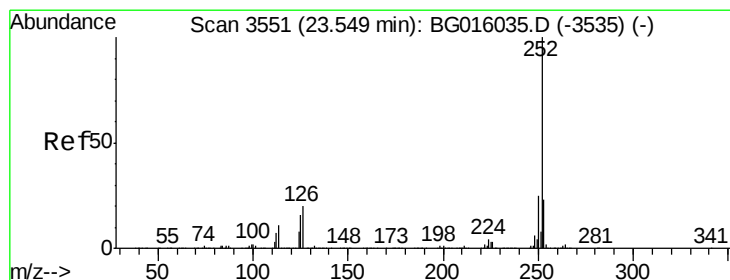
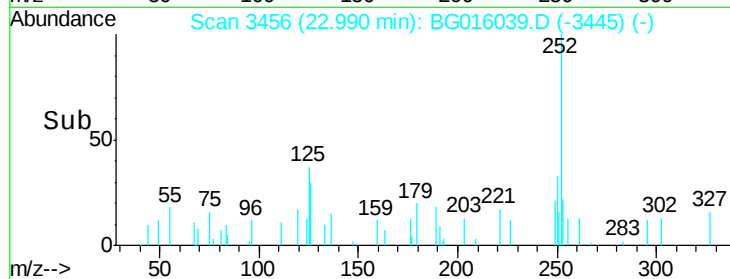
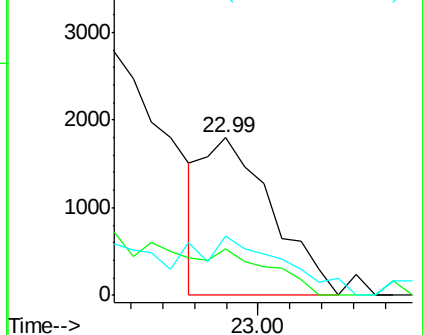
#86
Benzo(k)fluoranthene
Concen: 0.10 ng/u1
RT: 22.99 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BG016039.D
Acq: 25 Feb 2015 16:59

Instrument :
BNA_G
ClientSampleId :
C0AE0

Tgt Ion:252 Resp: 2710
Ion Ratio Lower Upper
252 100
253 29.3 18.2 27.2#
125 37.7 11.4 17.2#

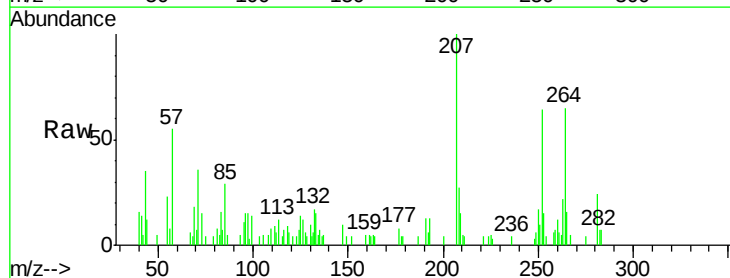


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

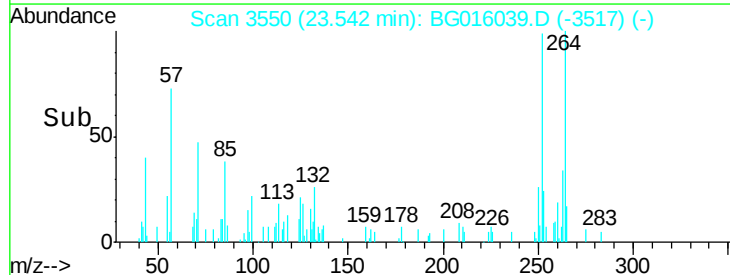
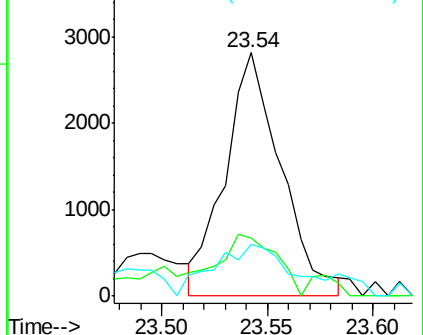


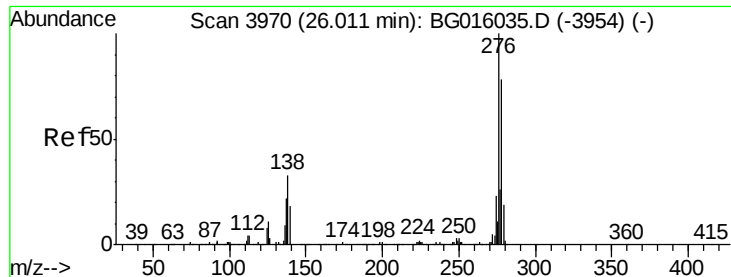
#88
Benzo(a)pyrene
Concen: 0.18 ng/u1
RT: 23.54 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG016039.D
Acq: 25 Feb 2015 16:59

Tgt Ion:252 Resp: 5154
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 21.3 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: 0.13 ng/ul

RT: 25.99 min Scan# 3967

Delta R.T. -0.02 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

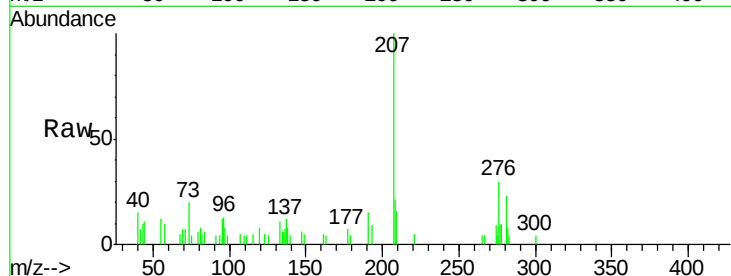
Tgt Ion:276 Resp: 4114

Ion Ratio Lower Upper

276 100

138 26.8 26.2 39.4

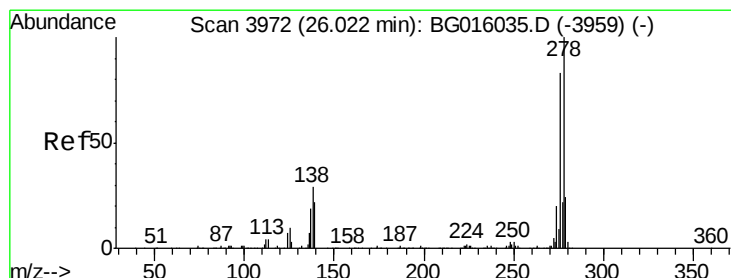
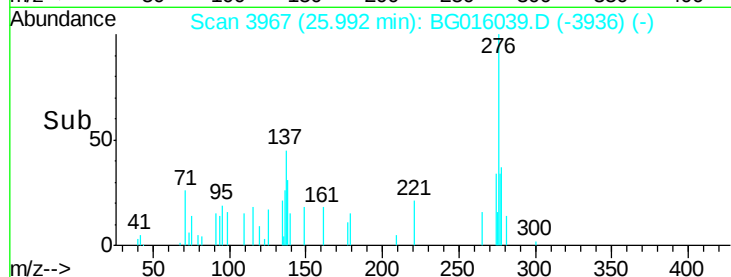
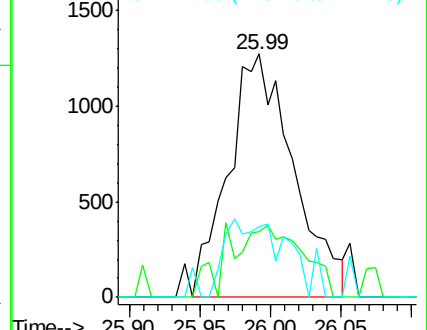
277 29.3 21.0 31.6



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: 0.01 ng/ul

RT: 26.02 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

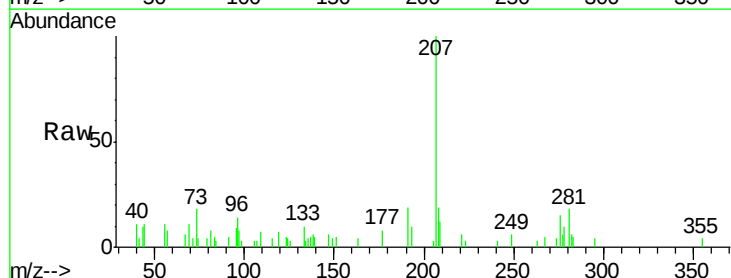
Tgt Ion:278 Resp: 384

Ion Ratio Lower Upper

278 100

139 46.3 17.0 25.4#

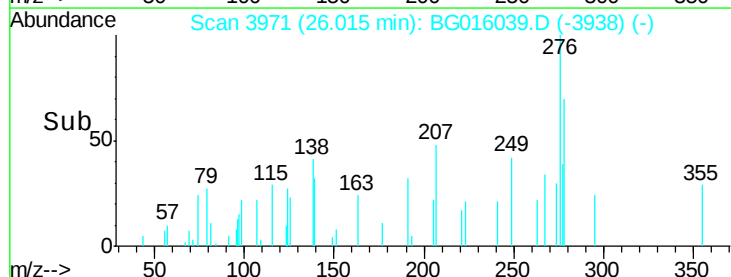
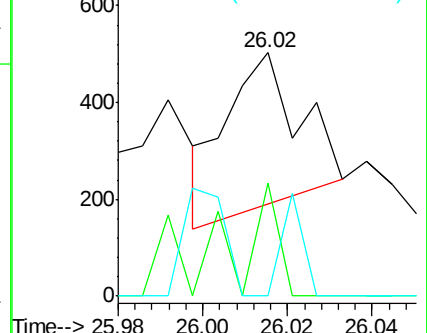
279 0.0 19.3 28.9#

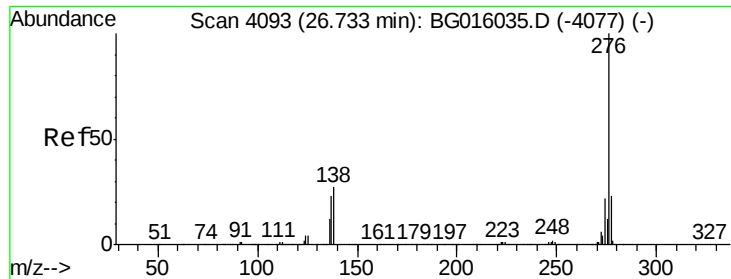


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.14 ng/ul

RT: 26.71 min Scan# 4090

Delta R.T. -0.02 min

Lab File: BG016039.D

Acq: 25 Feb 2015 16:59

Instrument :

BNA_G

ClientSampleId :

C0AE0

Tgt Ion: 276 Resp: 3795

Ion Ratio Lower Upper

276 100

138 24.8 23.0 34.4

277 33.8 20.0 30.0#

