

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016040.D
 Acq On : 25 Feb 2015 17:33
 Operator : TP/IZ
 Sample : G1354-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE1

Quant Time: Feb 26 00:45:37 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	94450	20.00	ng/ul	0.00
16) Naphthalene-d8	10.59	136	431191	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	267123	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	575568	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	573461	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	553473	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	114804	12.78	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.15	67	69414	13.08	ng/ul	0.01
7) 2-Chlorophenol-d4	7.34	132	88176	13.26	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	85984	12.93	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	40620	13.33	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	32038	11.40	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	73238	12.01	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	125265	18.65	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	258865	14.49	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	347811	13.76	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	30804	8.58	ng/ul	0.00
55) Fluorene-d10	15.42	176	252663	14.08	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.53	200	14022	6.32	ng/ul	0.00
68) Anthracene-d10	17.27	188	368791	13.51	ng/ul	0.00
76) Pyrene-d10	19.56	212	393118	14.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	347554	13.85	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.96	77	437	0.08	ng/ul	94
4) Phenol	7.00	94	11840	1.25	ng/ul	94
6) Bis(2-Chloroethyl)ether	7.24	93	520	0.07	ng/ul#	60
10) 2,2'-oxybis(1-Chloropropan	8.50	45	432	0.05	ng/ul#	67
12) Acetophenone	8.63	105	5477	0.54	ng/ul	89
13) N-Nitroso-di-n-propylamine	8.50	70	1840	0.32	ng/ul#	1
18) Nitrobenzene	8.96	77	109	0.02	ng/ul#	36
19) Isophorone	9.68	82	1857	0.12	ng/ul#	63
26) Naphthalene	10.64	128	128	0.01	ng/ul#	69
31) 4-Chloro-3-methylphenol	11.92	107	511	0.07	ng/ul#	19
42) Dimethylphthalate	13.89	163	80160	4.31	ng/ul	99
43) 2,6-Dinitrotoluene	13.89	165	930	0.29	ng/ul#	45
45) Acenaphthylene	14.17	152	380	0.01	ng/ul#	60
47) Acenaphthene	14.50	153	386	0.02	ng/ul	92
51) Dibenzofuran	14.84	168	301	0.01	ng/ul#	38
54) Diethylphthalate	15.25	149	6761	0.36	ng/ul	96
56) Fluorene	15.48	166	466	0.02	ng/ul#	72
67) Phenanthrene	17.22	178	8275	0.26	ng/ul	95
69) Anthracene	17.30	178	2793	0.09	ng/ul#	94
72) Carbazole	17.57	167	408	0.01	ng/ul#	37
73) Di-n-butylphthalate	18.14	149	4104	0.12	ng/ul	96
74) Fluoranthene	19.23	202	28163	0.80	ng/ul	96
77) Pyrene	19.59	202	25404	0.73	ng/ul	96
78) Butylbenzylphthalate	20.49	149	539	0.04	ng/ul#	77

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ALS Vial : 7 Sample Multiplier: 1

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C0AE1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration

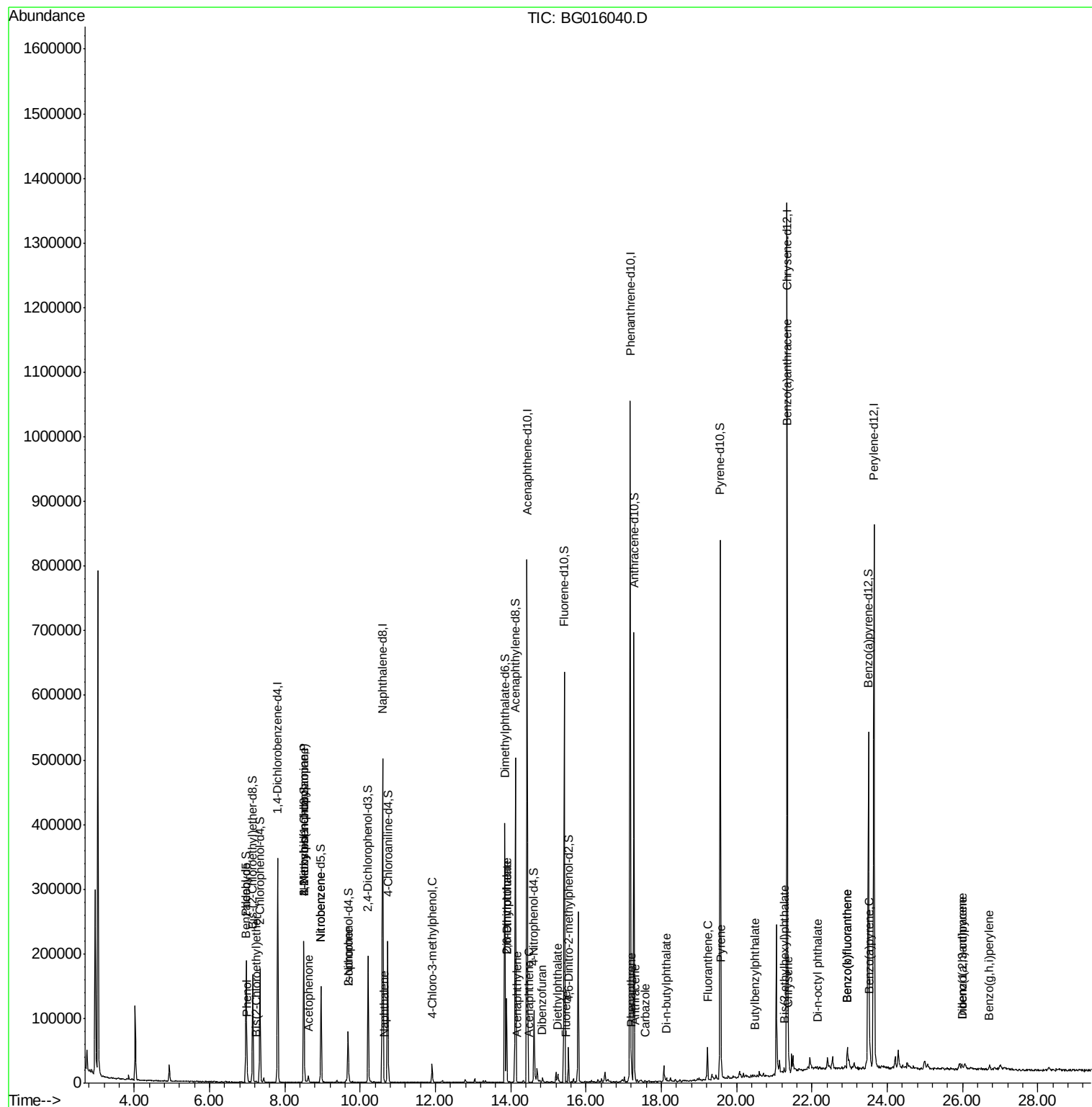
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	21.33	228	13969	0.44	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	2414	0.13	ng/ul#	90
82) Chrysene	21.38	228	10228	0.34	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	431	0.01	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	14026	0.45	ng/ul#	83
86) Benzo(k)fluoranthene	22.95	252	3352	0.11	ng/ul#	82
88) Benzo(a)pyrene	23.54	252	10605	0.35	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.99	276	639	0.02	ng/ul	94
90) Dibenzo(a,h)anthracene	25.99	278	1192	0.04	ng/ul	93
91) Benzo(g,h,i)perylene	26.71	276	6967	0.23	ng/ul#	86

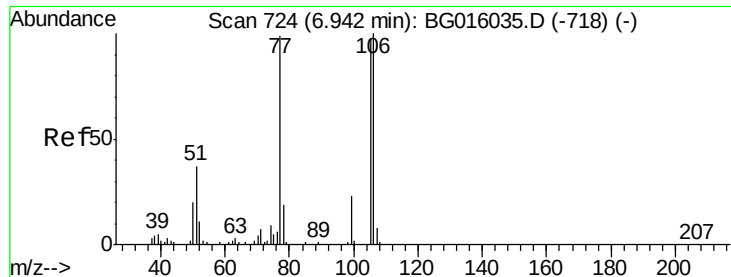
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Benzaldehyde

Concen: 0.08 ng/ul

RT: 6.96 min Scan# 727

Delta R.T. 0.02 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

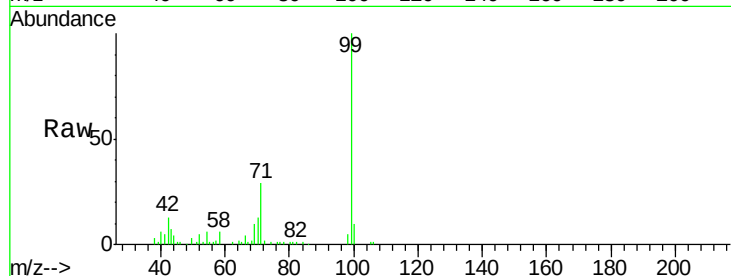
Tgt Ion: 77 Resp: 437

Ion Ratio Lower Upper

77 100

105 91.9 76.6 114.8

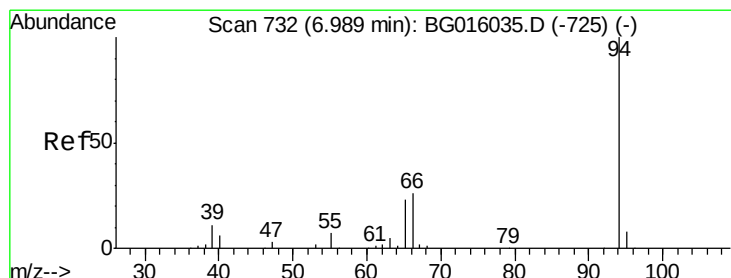
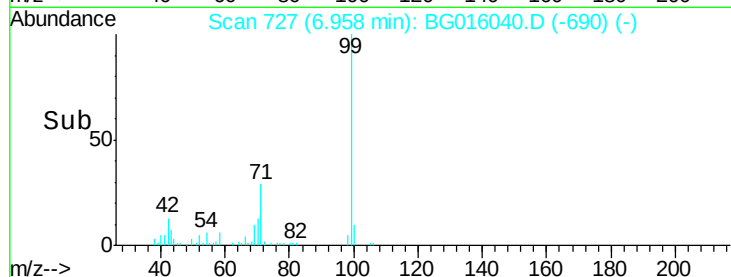
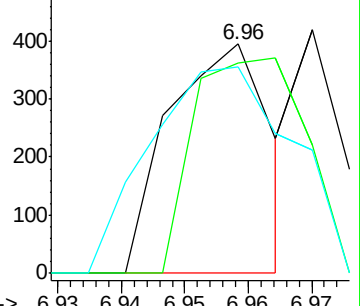
106 90.1 78.2 117.4



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: 1.25 ng/ul

RT: 7.00 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

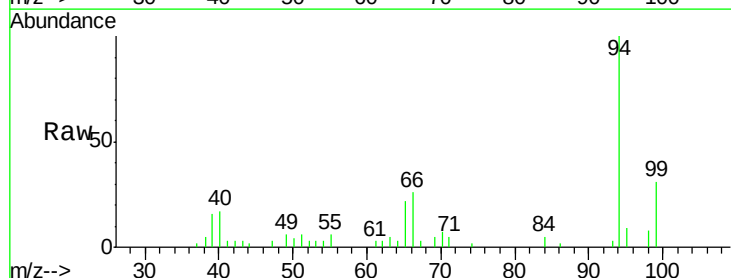
Tgt Ion: 94 Resp: 11840

Ion Ratio Lower Upper

94 100

65 22.3 20.8 31.2

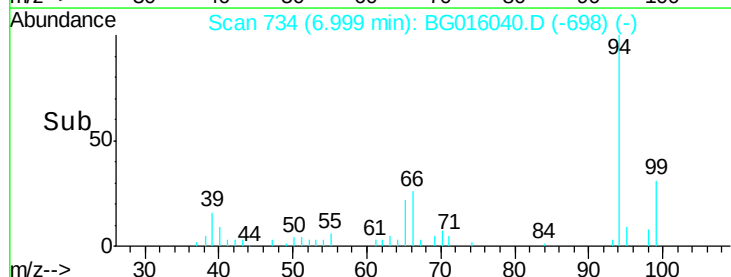
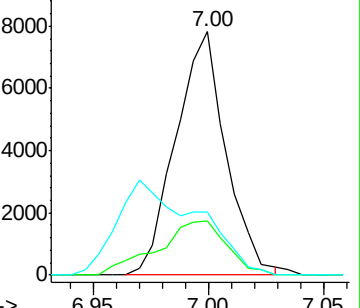
66 25.7 22.6 34.0

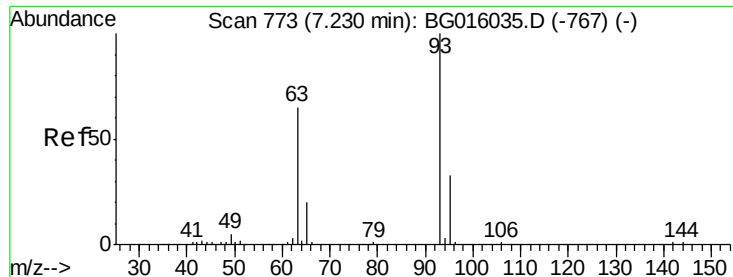


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#6

Bis(2-Chloroethyl)ether

Concen: 0.07 ng/ul

RT: 7.24 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

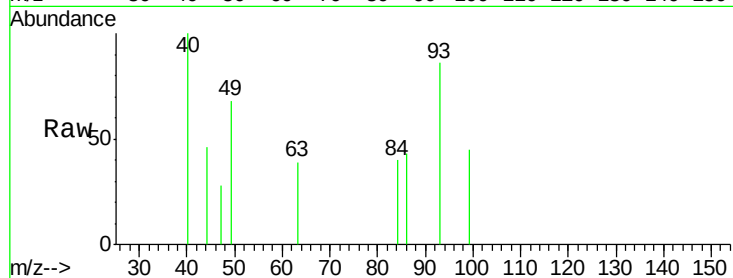
Tgt Ion: 93 Resp: 520

Ion Ratio Lower Upper

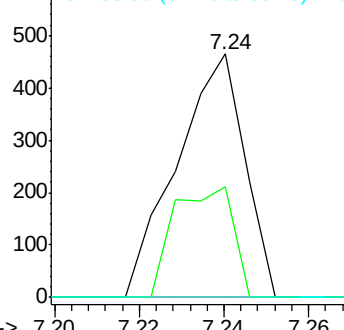
93 100

63 45.4 57.5 86.3#

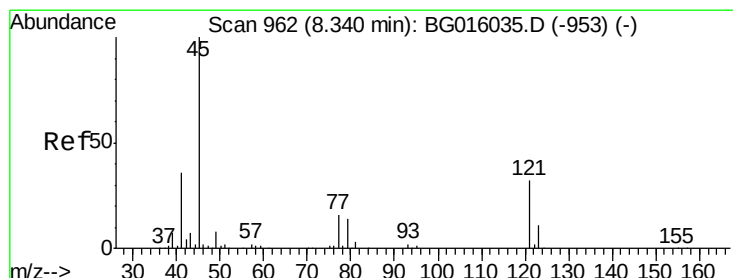
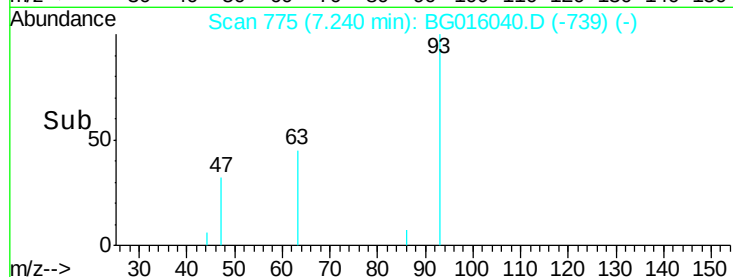
95 0.0 25.8 38.6#



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



Time-->



#10

2,2'-oxybis(1-Chloropropane)

Concen: 0.05 ng/ul

RT: 8.50 min Scan# 990

Delta R.T. 0.16 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

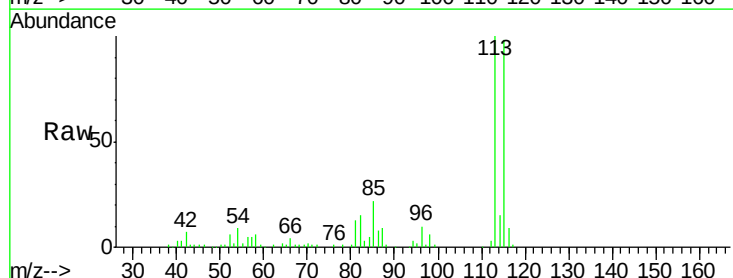
Tgt Ion: 45 Resp: 432

Ion Ratio Lower Upper

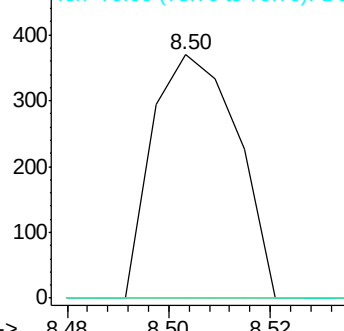
45 100

77 0.0 11.4 17.2#

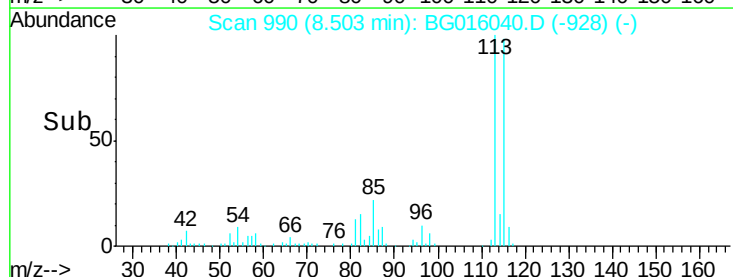
79 0.0 9.0 13.6#

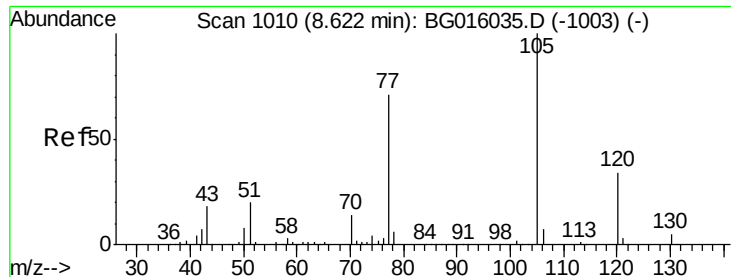


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



Time-->





#12

Acetophenone

Concen: 0.54 ng/ul

RT: 8.63 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

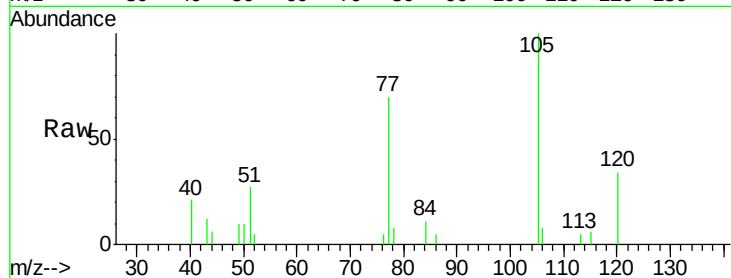
Tgt Ion: 105 Resp: 5477

Ion Ratio Lower Upper

105 100

77 69.6 64.9 97.3

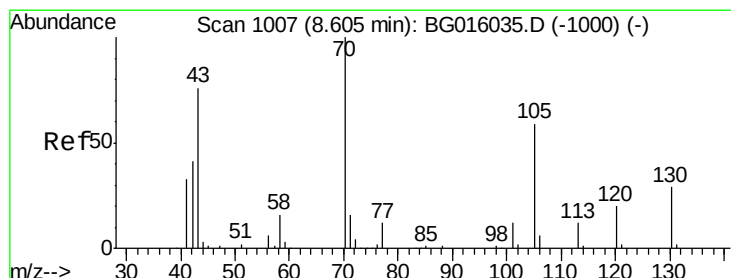
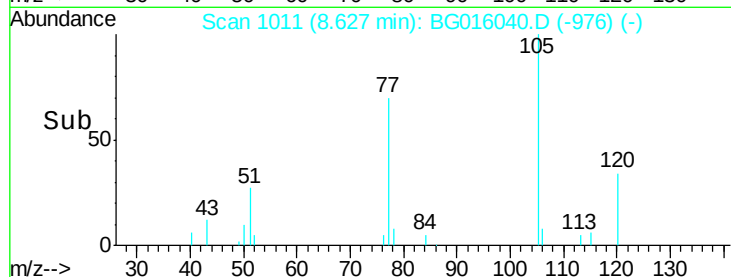
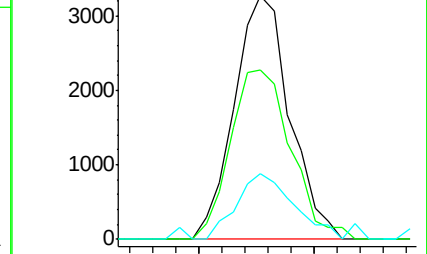
51 27.1 19.4 29.0



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: 0.32 ng/ul

RT: 8.50 min Scan# 990

Delta R.T. -0.10 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Tgt Ion: 70 Resp: 1840

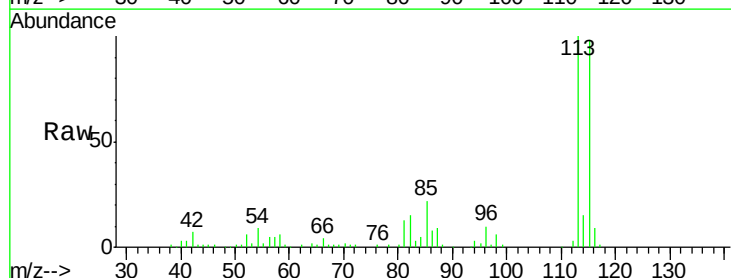
Ion Ratio Lower Upper

70 100

42 340.1 37.8 56.6#

101 0.0 9.3 13.9#

130 0.0 22.2 33.2#

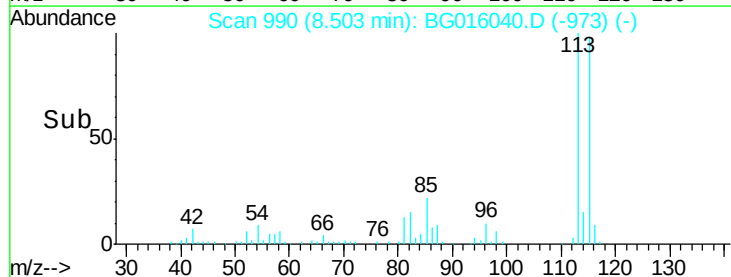
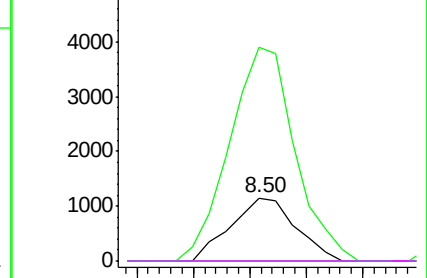


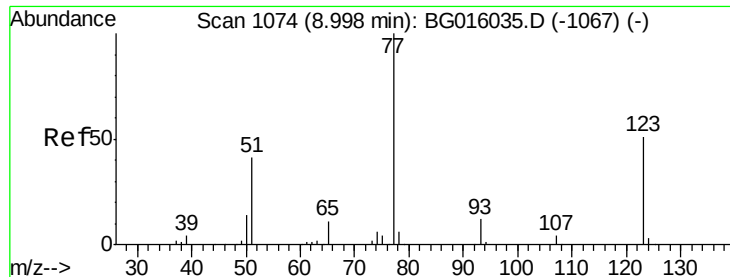
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

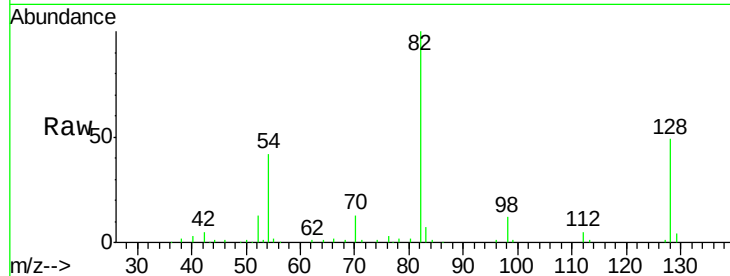




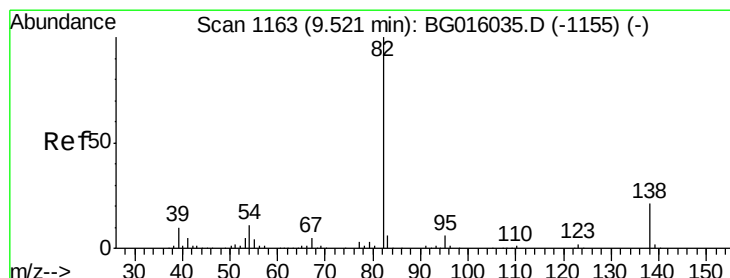
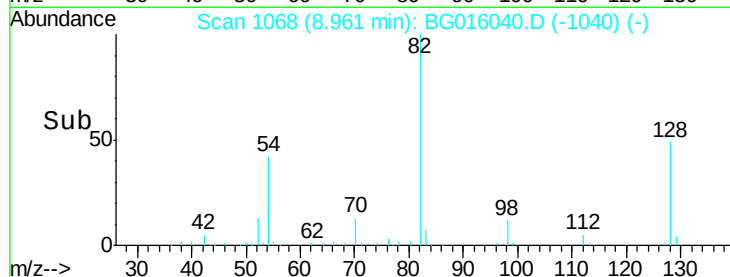
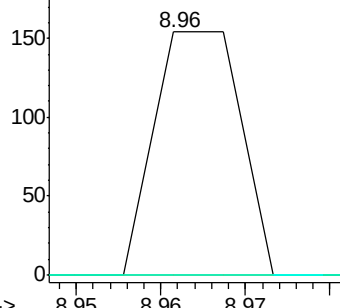
#18
 Nitrobenzene
 Concen: 0.02 ng/ul
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.04 min
 Lab File: BG016040.D
 Acq: 25 Feb 2015 17:33

Instrument :
 BNA_G
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 C0AE1

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

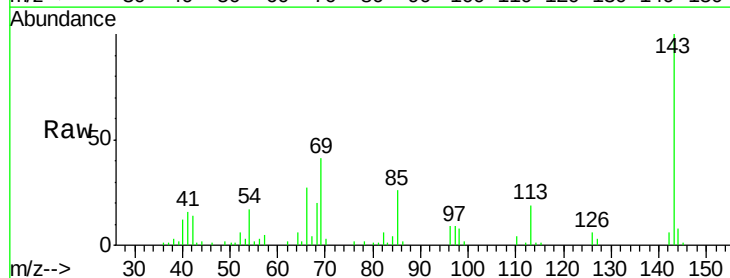


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

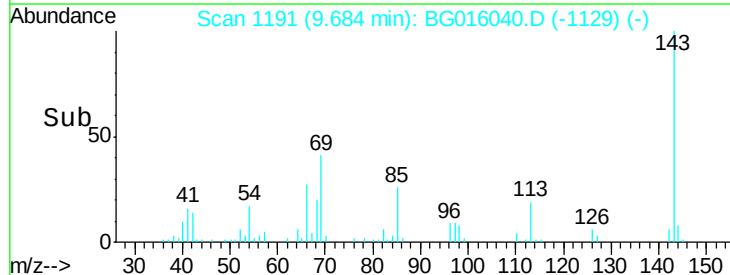
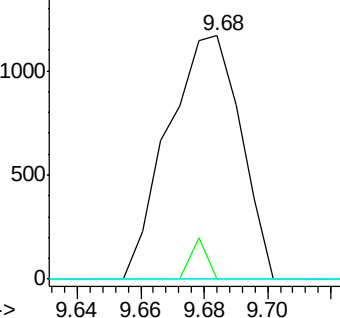


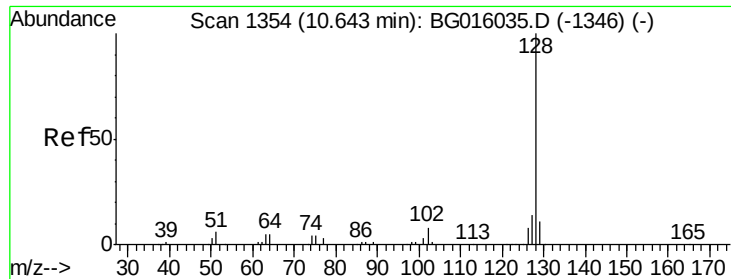
#19
 Isophorone
 Concen: 0.12 ng/ul
 RT: 9.68 min Scan# 1191
 Delta R.T. 0.16 min
 Lab File: BG016040.D
 Acq: 25 Feb 2015 17:33

Tgt 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

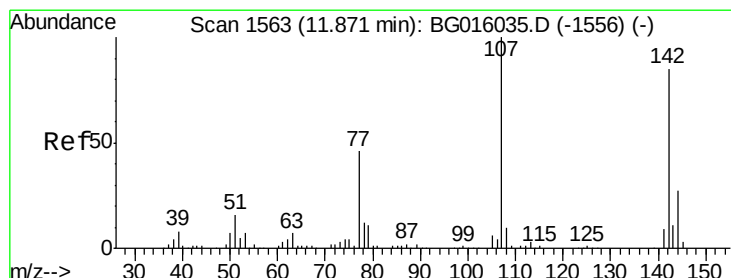
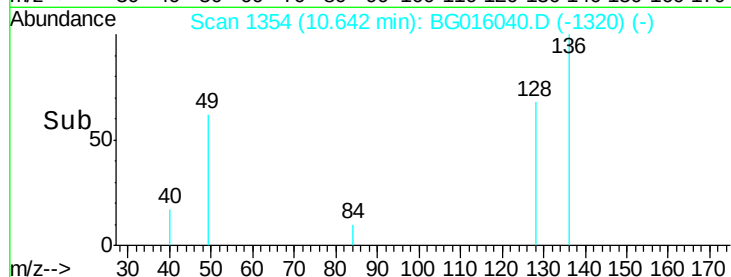
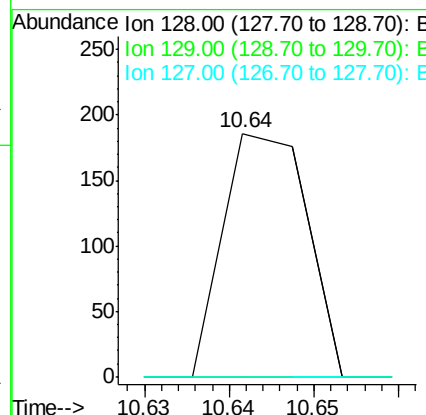
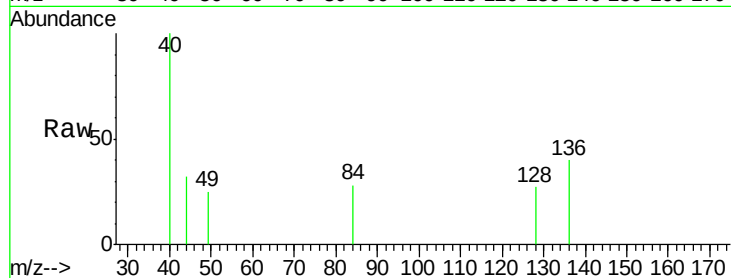




#26
Naphthalene
Concen: 0.01 ng/ul
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

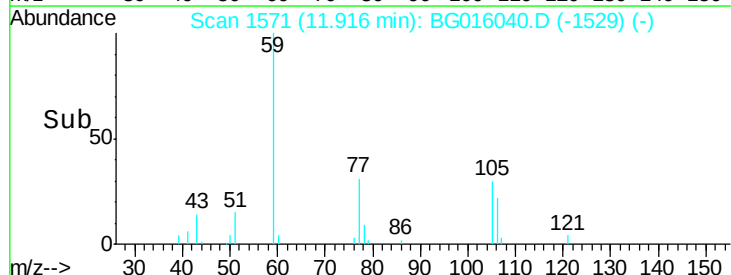
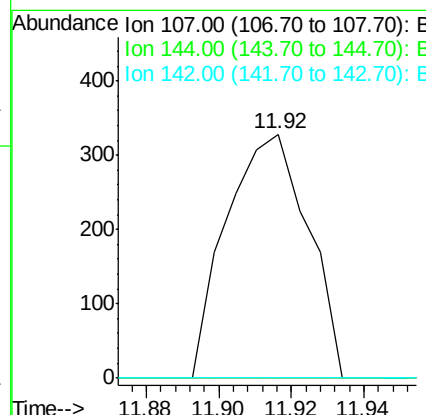
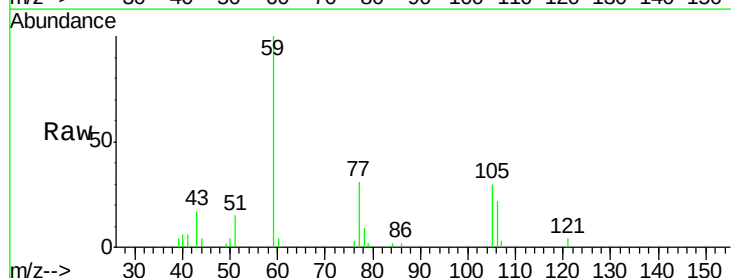
Instrument :
BNA_G
ClientSampled :
C0AE1

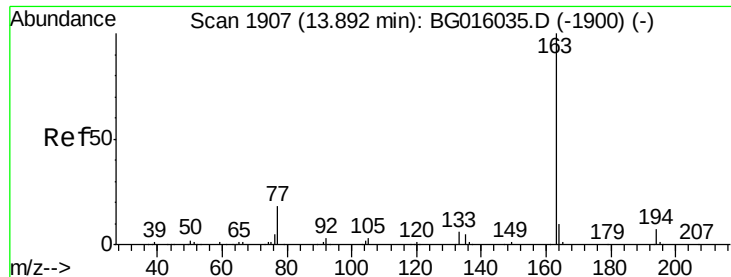
Tgt Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.4 15.6#



#31
4-Chloro-3-methylphenol
Concen: 0.07 ng/ul
RT: 11.92 min Scan# 1571
Delta R.T. 0.05 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

Tgt Ion:107 Resp: 511
Ion Ratio Lower Upper
107 100
144 0.0 21.1 31.7#
142 0.0 63.7 95.5#





#42

Dimethylphthalate

Concen: 4.31 ng/ul

RT: 13.89 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

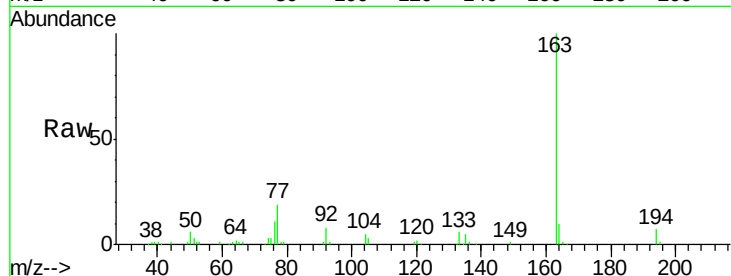
Tgt Ion:163 Resp: 80160

Ion Ratio Lower Upper

163 100

194 6.5 5.3 7.9

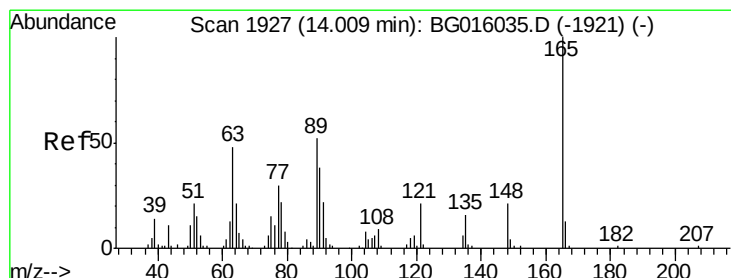
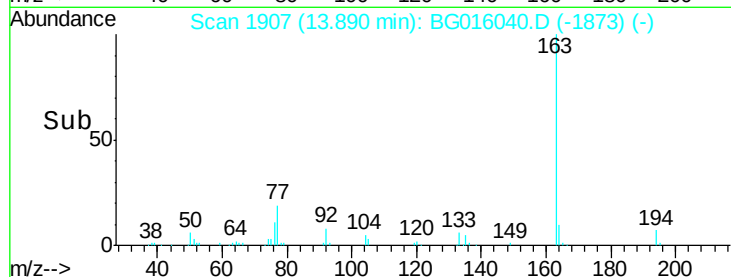
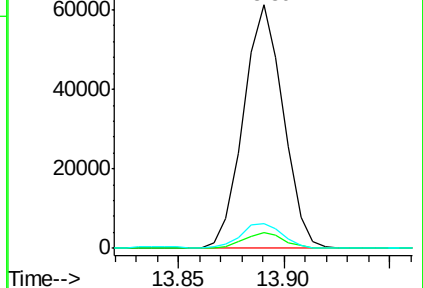
164 10.2 8.5 12.7



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: 0.29 ng/ul

RT: 13.89 min Scan# 1907

Delta R.T. -0.12 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

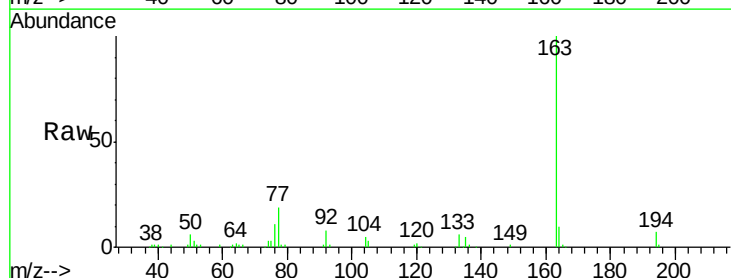
Tgt Ion:165 Resp: 930

Ion Ratio Lower Upper

165 100

89 0.0 39.8 59.8#

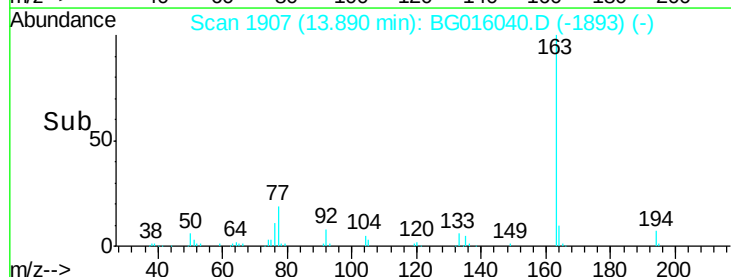
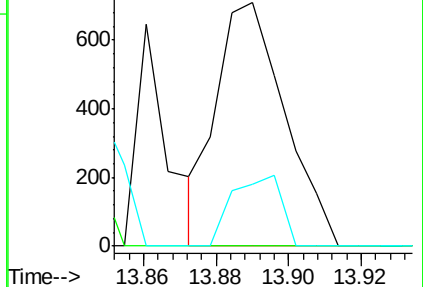
121 25.4 15.8 23.6#

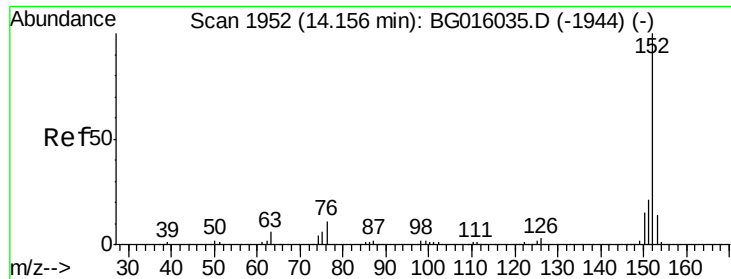


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#45

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.17 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

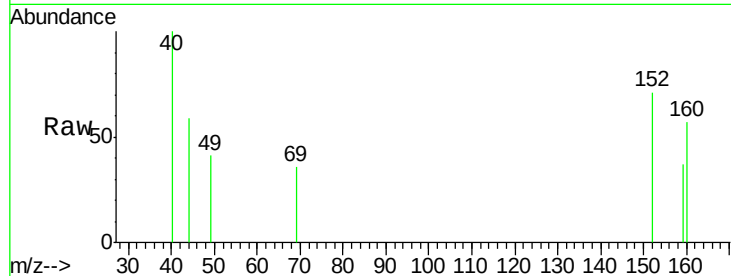
Tgt Ion:152 Resp: 380

Ion Ratio Lower Upper

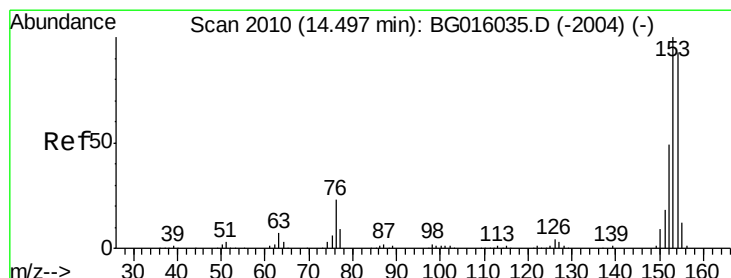
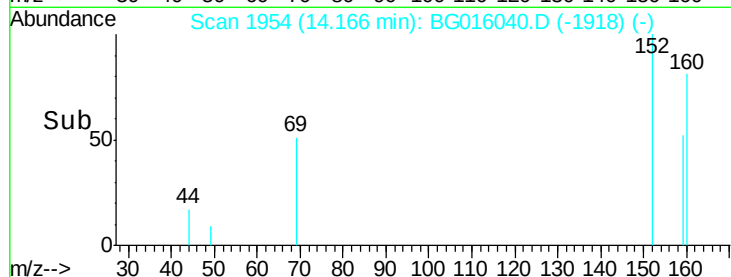
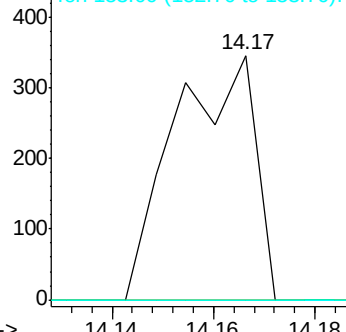
152 100

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: 0.02 ng/ul

RT: 14.50 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

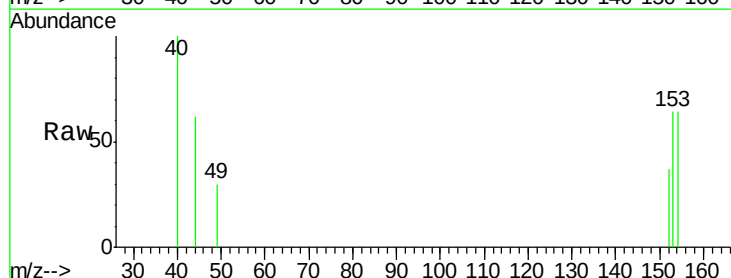
Tgt Ion:153 Resp: 386

Ion Ratio Lower Upper

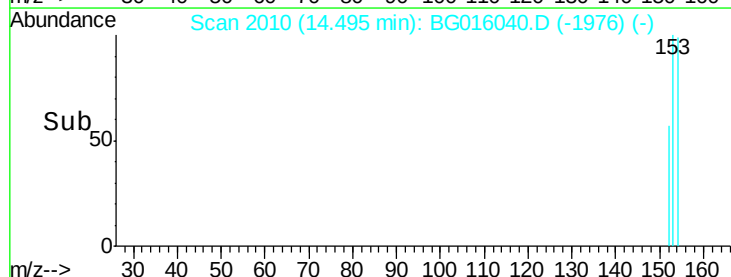
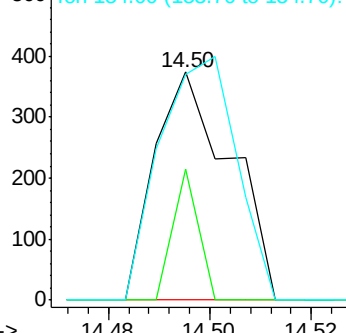
153 100

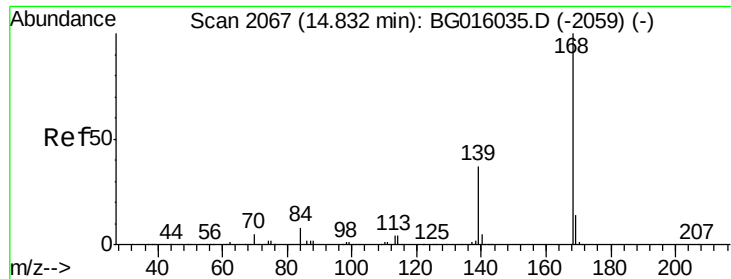
152 57.2 38.6 58.0

154 98.9 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: 14.84 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

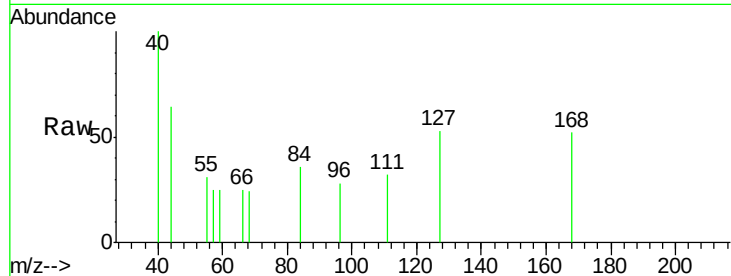
C0AE1

Tgt Ion:168 Resp: 301

Ion Ratio Lower Upper

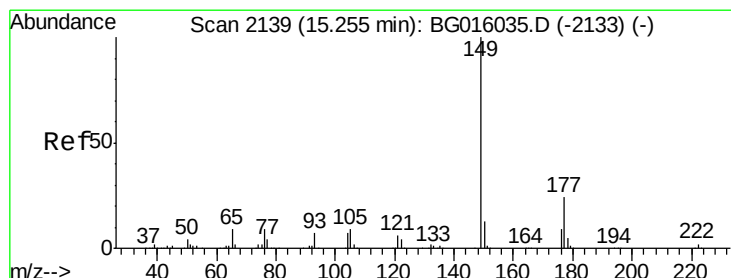
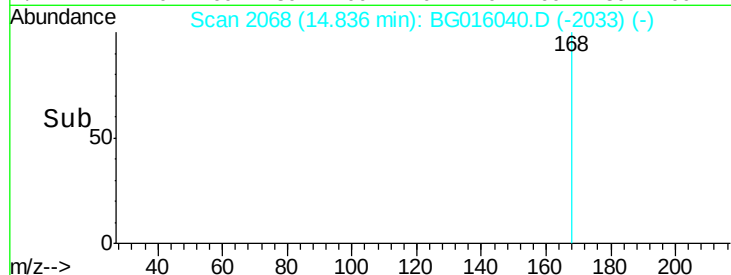
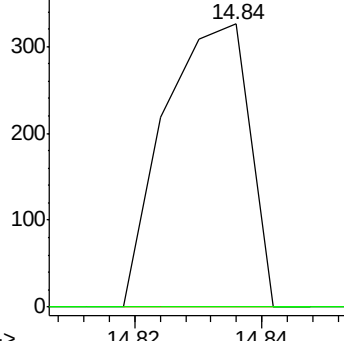
168 100

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: 0.36 ng/ul

RT: 15.25 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

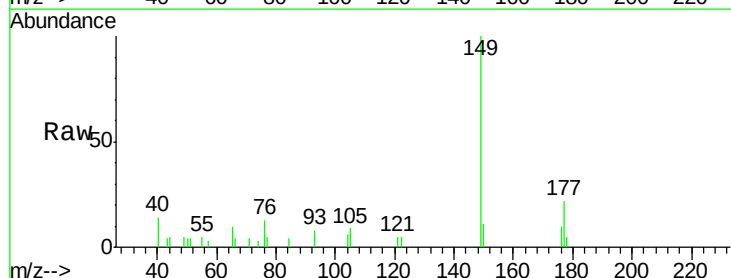
Tgt Ion:149 Resp: 6761

Ion Ratio Lower Upper

149 100

177 22.2 19.3 28.9

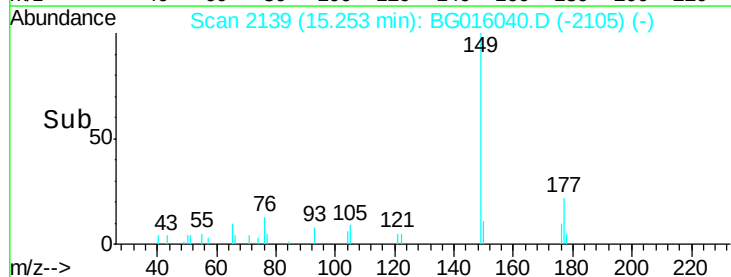
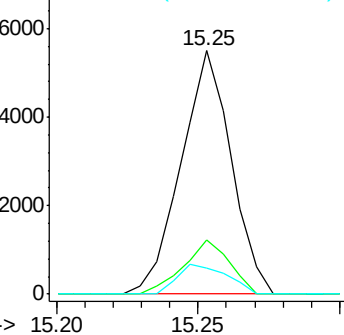
150 10.9 10.2 15.4

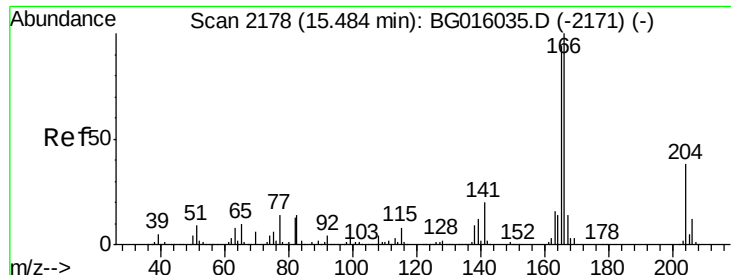


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

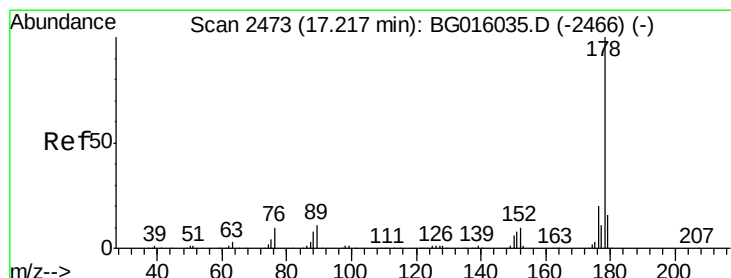
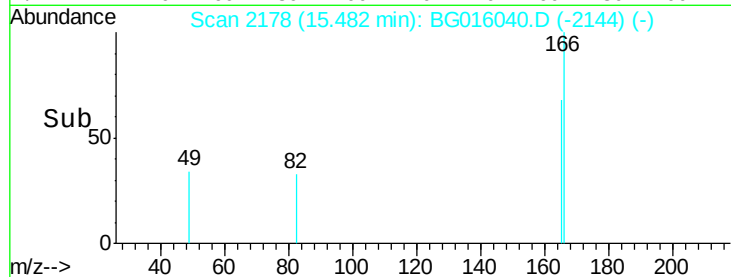
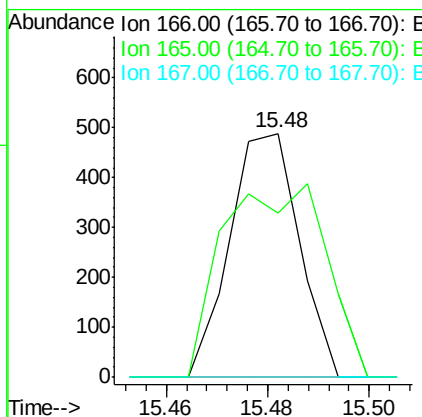
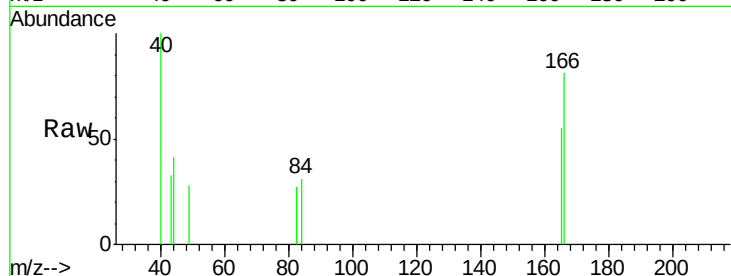




#56
 Fluorene
 Concen: 0.02 ng/ul
 RT: 15.48 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG016040.D
 Acq: 25 Feb 2015 17:33

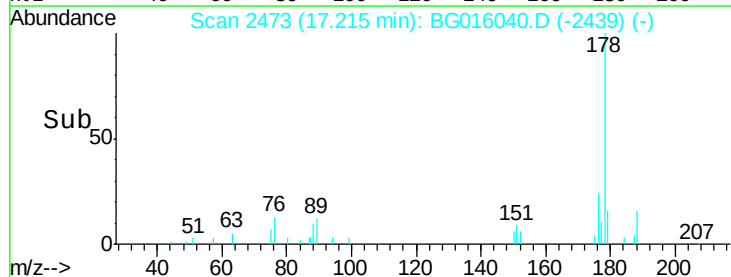
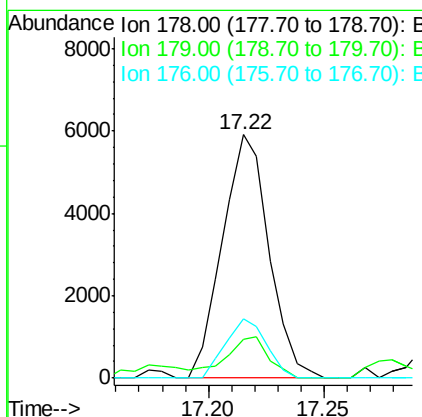
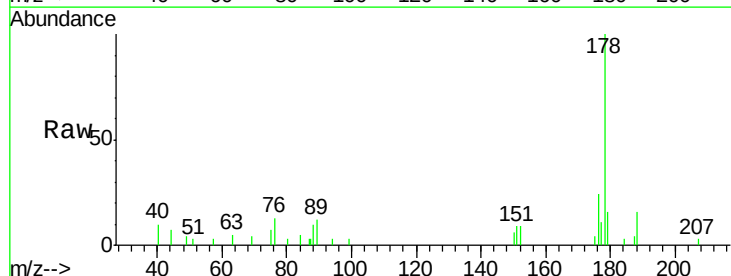
Instrument :
 BNA_G
 ClientSampleId :
 C0AE1

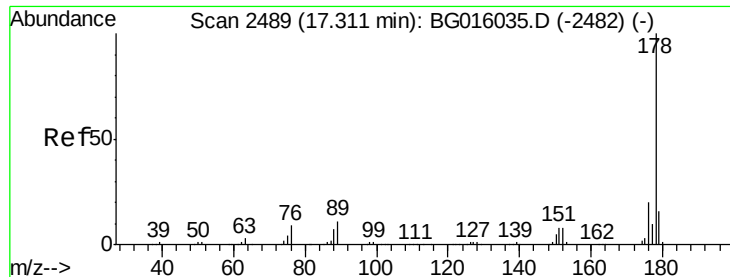
Tgt Ion:166 Resp: 466
 Ion Ratio Lower Upper
 166 100
 165 67.6 75.4 113.2#
 167 0.0 11.0 16.4#



#67
 Phenanthrene
 Concen: 0.26 ng/ul
 RT: 17.22 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG016040.D
 Acq: 25 Feb 2015 17:33

Tgt Ion:178 Resp: 8275
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.8 19.2
 176 24.4 16.5 24.7





#69

Anthracene

Concen: 0.09 ng/ul

RT: 17.30 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

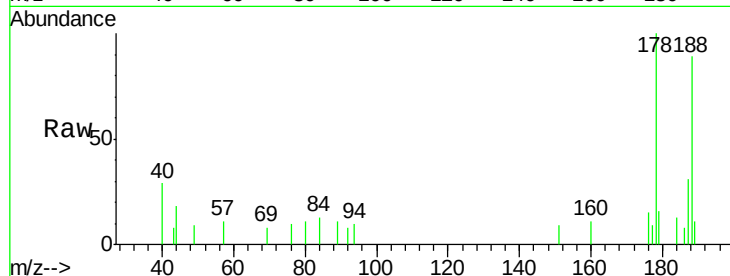
Tgt Ion:178 Resp: 2793

Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

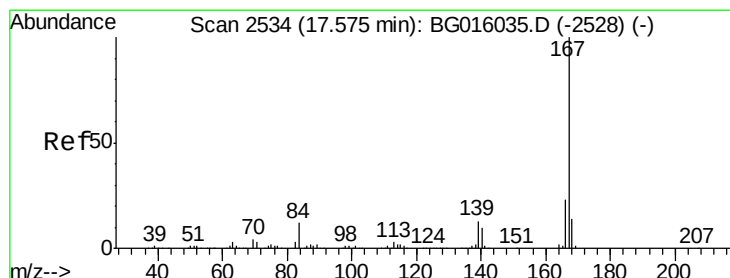
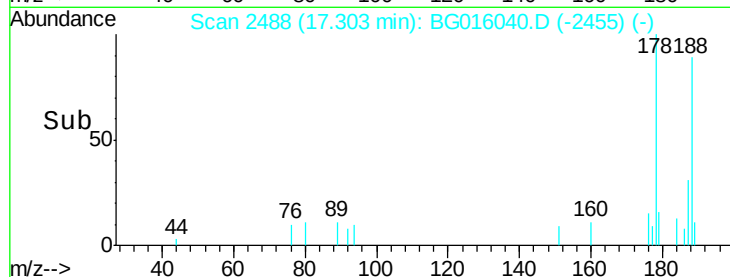
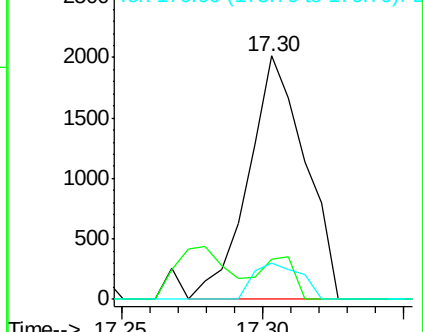
176 14.7 15.7 23.5#



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# 2534

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

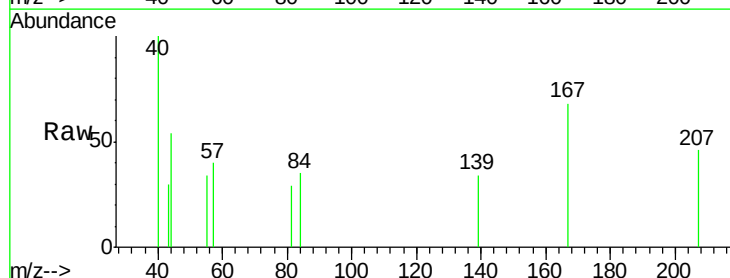
Tgt Ion:167 Resp: 408

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

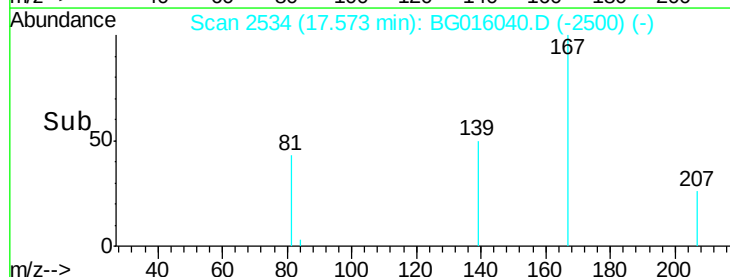
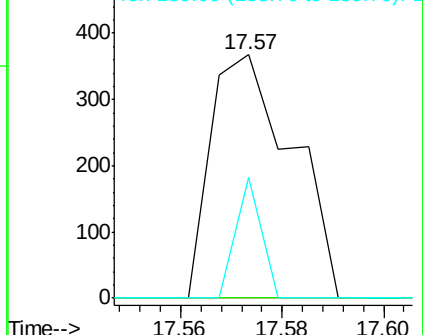
139 49.7 10.7 16.1#

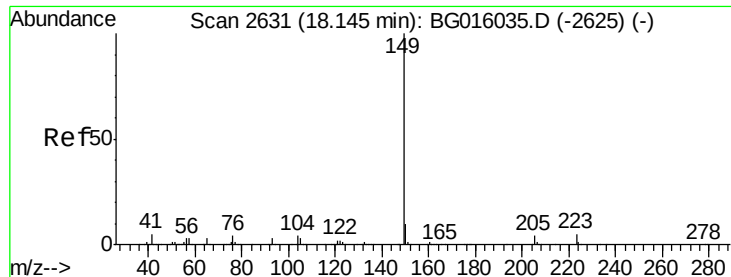


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

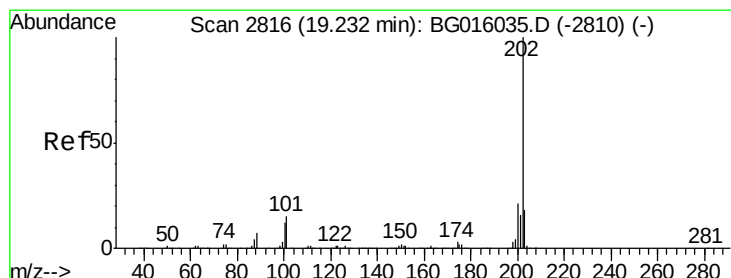
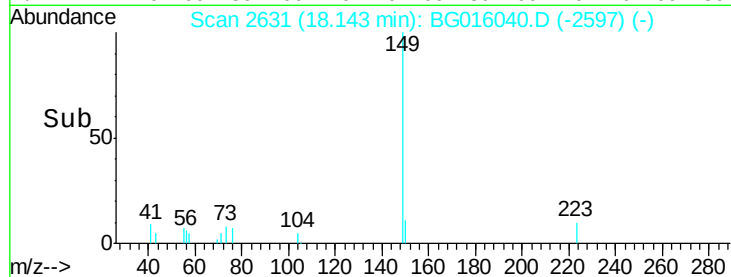
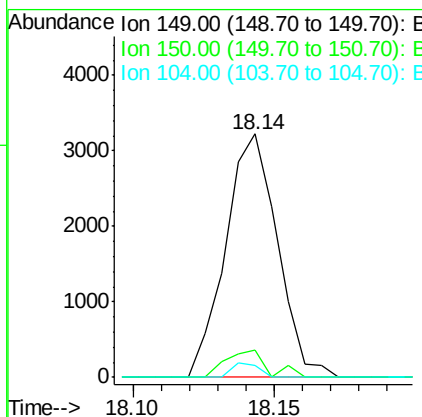
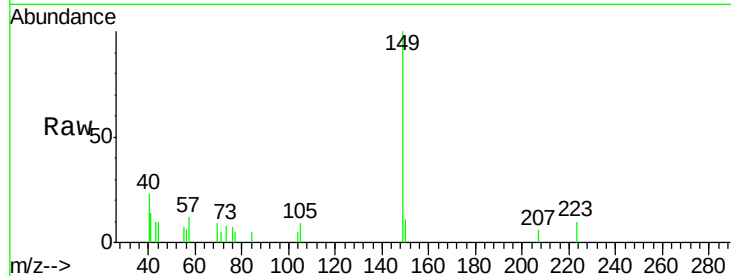




#73
Di-n-butylphthalate
Concen: 0.12 ng/ul
RT: 18.14 min Scan# 2631
Delta R.T. -0.00 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

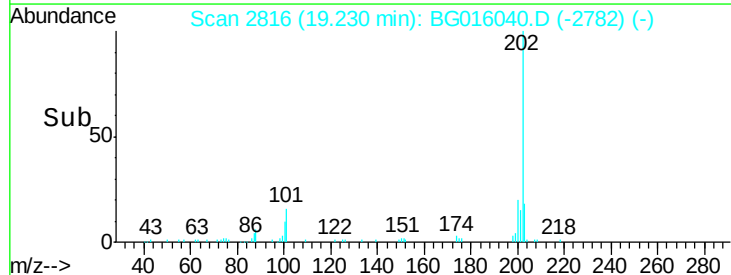
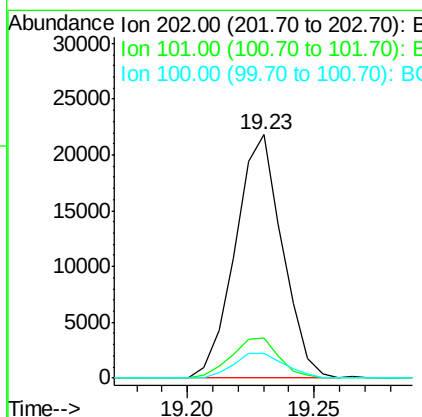
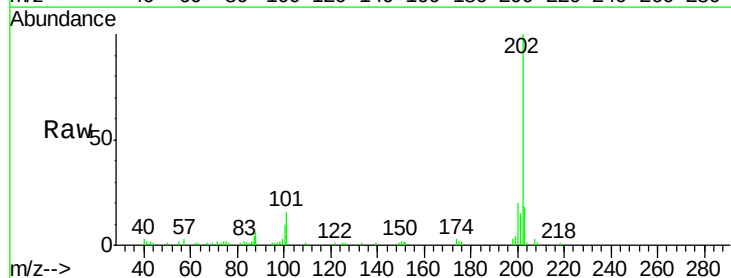
Instrument :
BNA_G
ClientSampleId :
C0AE1

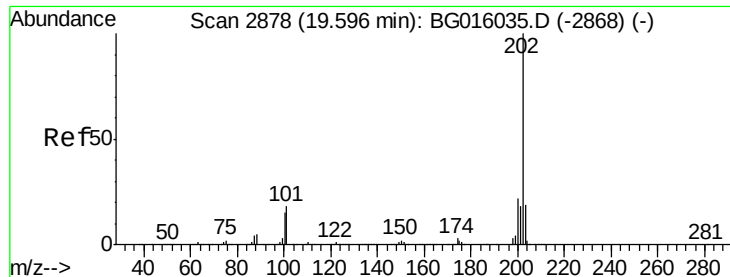
Tgt Ion:149 Resp: 4104
Ion Ratio Lower Upper
149 100
150 11.4 7.6 11.4
104 4.7 3.7 5.5



#74
Fluoranthene
Concen: 0.80 ng/ul
RT: 19.23 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

Tgt Ion:202 Resp: 28163
Ion Ratio Lower Upper
202 100
101 16.5 12.3 18.5
100 9.9 9.8 14.6





#77

Pyrene

Concen: 0.73 ng/ul

RT: 19.59 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

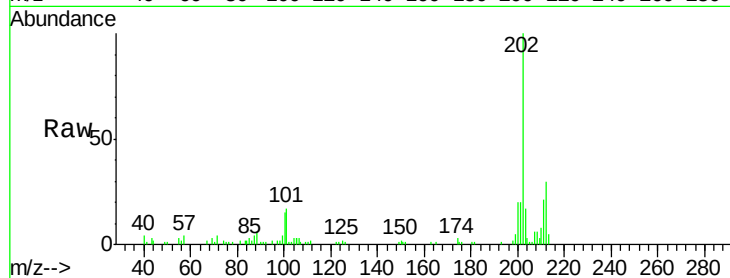
Tgt Ion:202 Resp: 25404

Ion Ratio Lower Upper

202 100

101 17.1 15.8 23.8

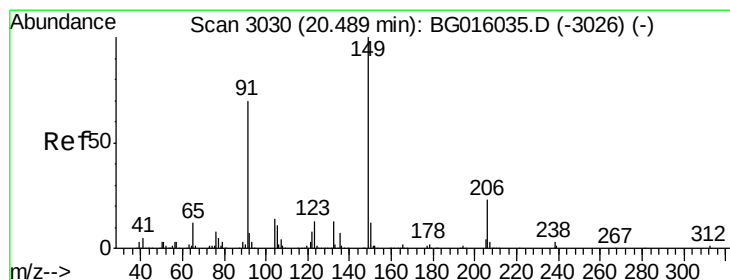
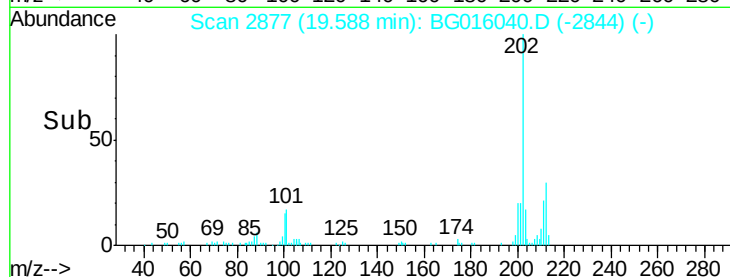
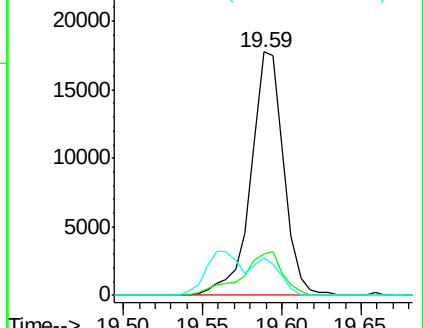
100 15.5 12.7 19.1



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# 3030

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

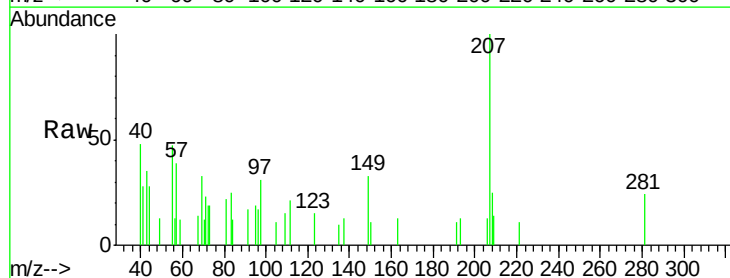
Tgt Ion:149 Resp: 539

Ion Ratio Lower Upper

149 100

91 50.3 53.6 80.4#

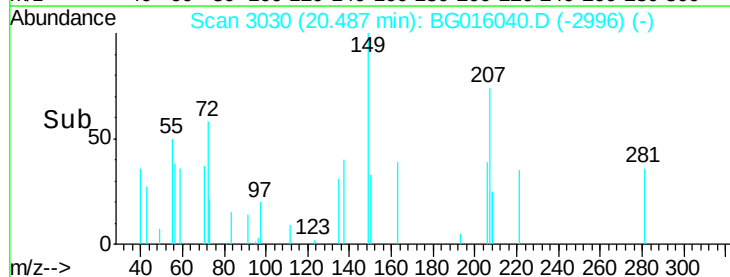
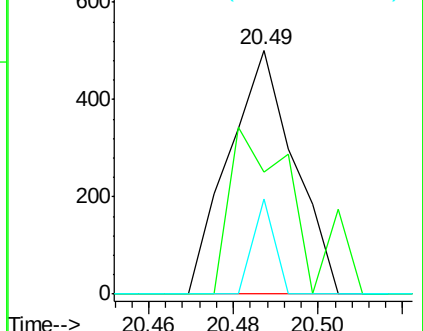
206 38.9 19.1 28.7#

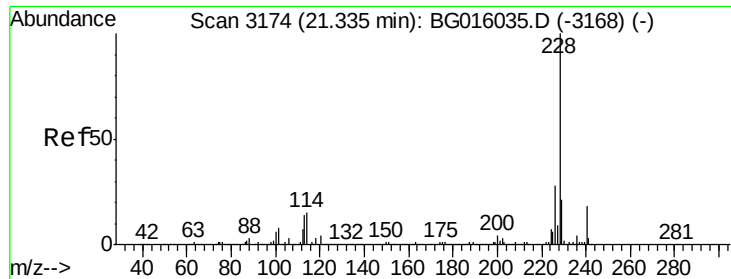


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 21.33 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

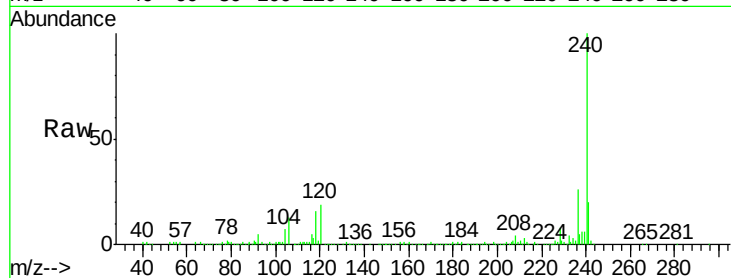
Tgt Ion:228 Resp: 13969

Ion Ratio Lower Upper

228 100

229 23.3 16.4 24.6

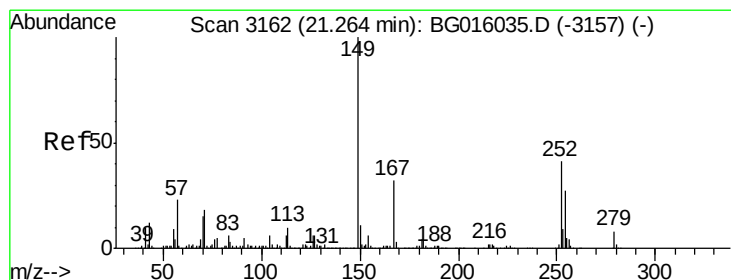
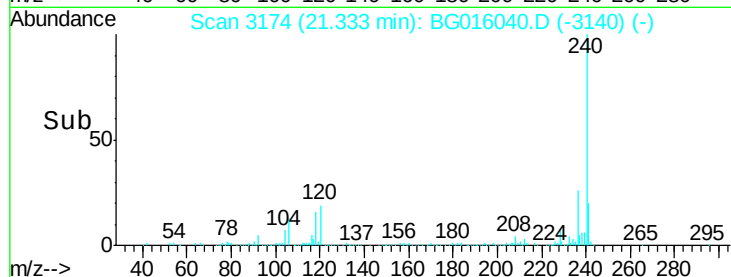
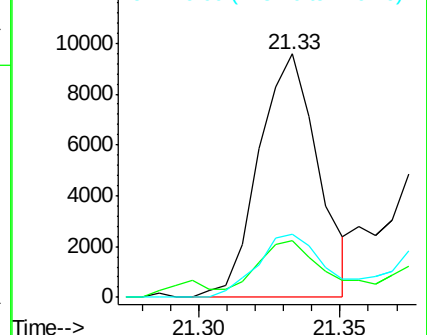
226 25.8 22.8 34.2



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: 0.13 ng/ul

RT: 21.26 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

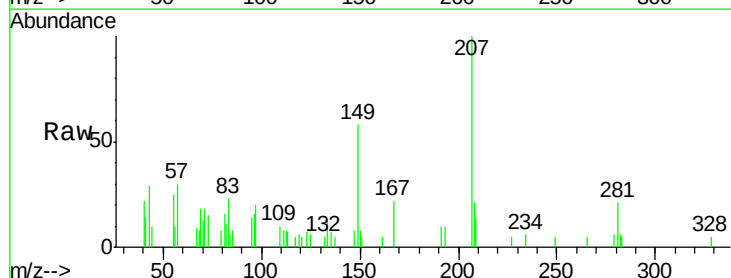
Tgt Ion:149 Resp: 2414

Ion Ratio Lower Upper

149 100

167 37.7 25.5 38.3

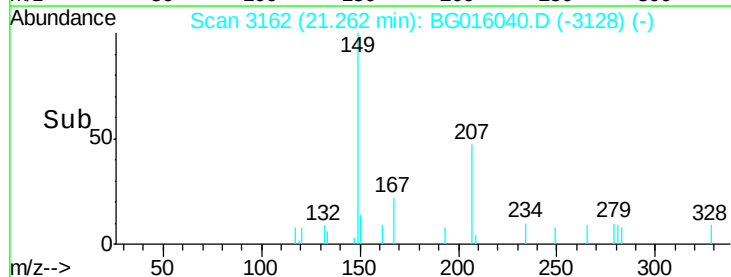
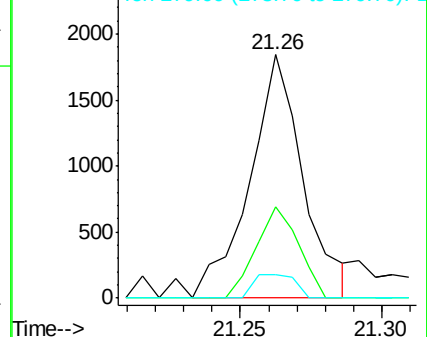
279 9.5 6.0 9.0#

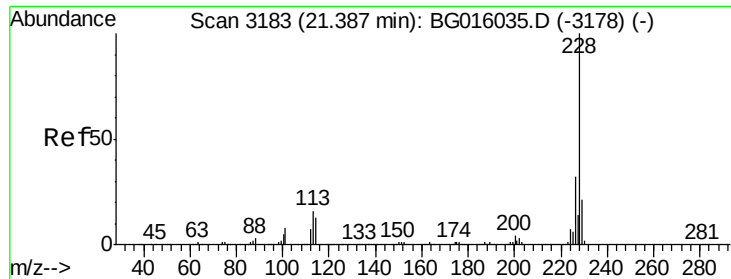


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.34 ng/ul

RT: 21.38 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

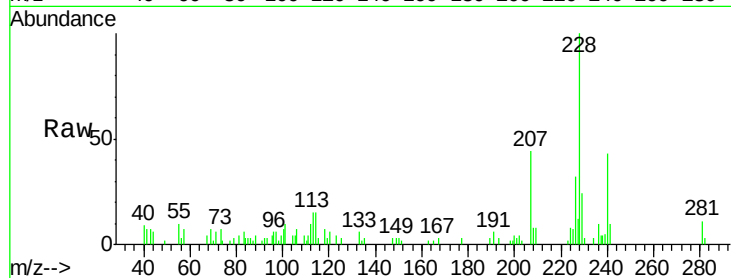
Tgt Ion:228 Resp: 10228

Ion Ratio Lower Upper

228 100

226 32.1 24.7 37.1

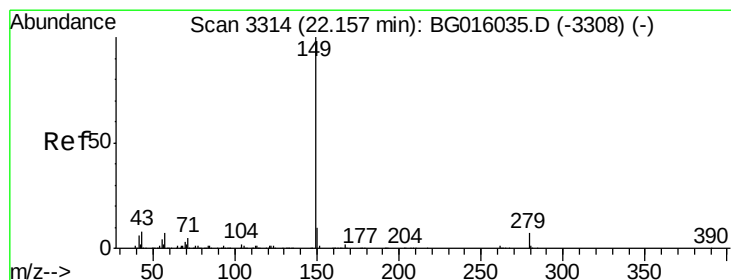
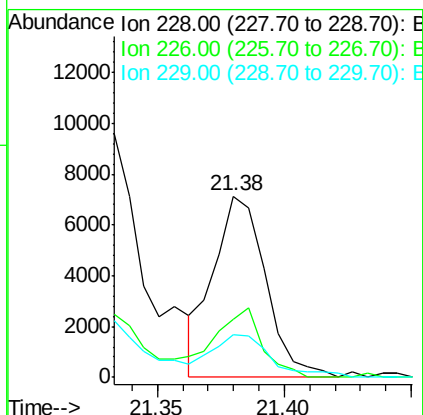
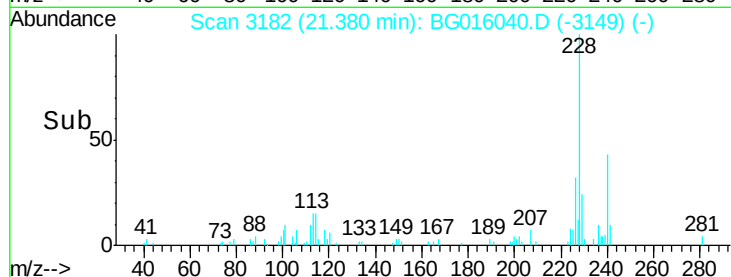
229 23.6 17.0 25.6



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

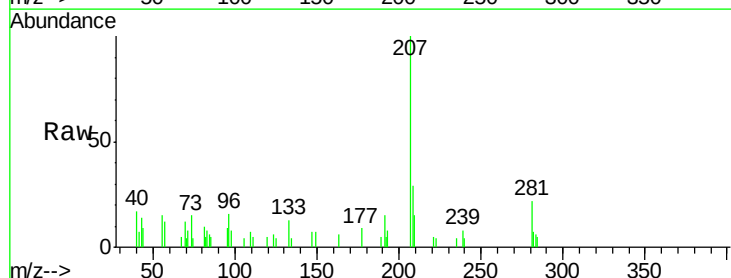
RT: 22.16 min Scan# 3314

Delta R.T. -0.00 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

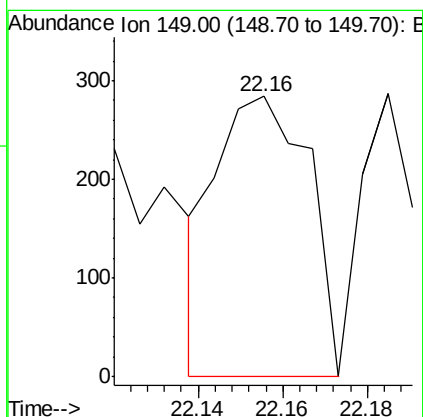
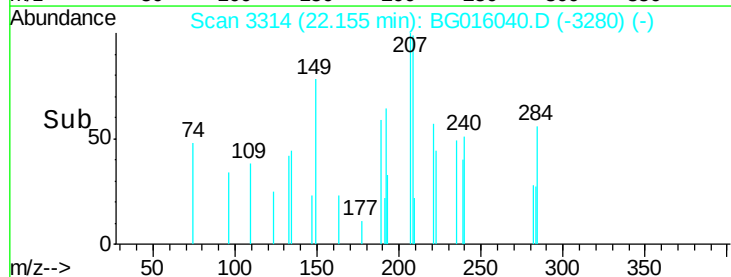
Tgt Ion:149 Resp: 431

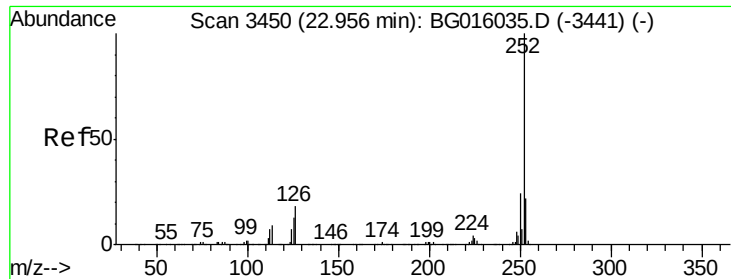


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

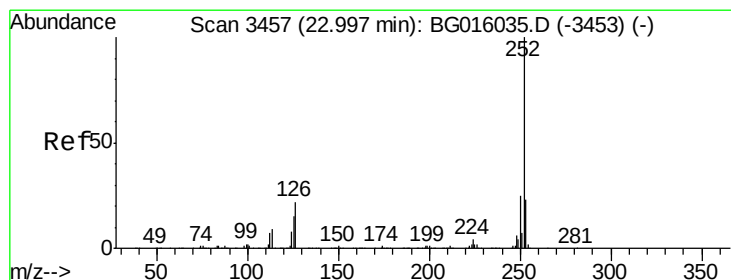
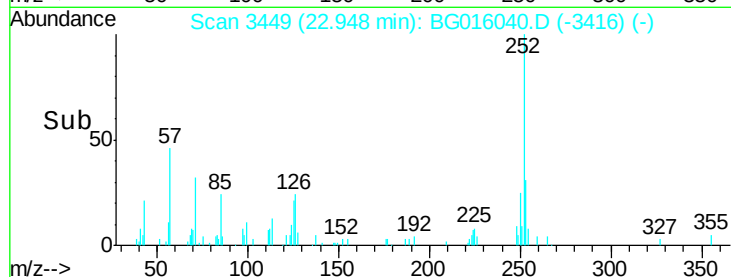
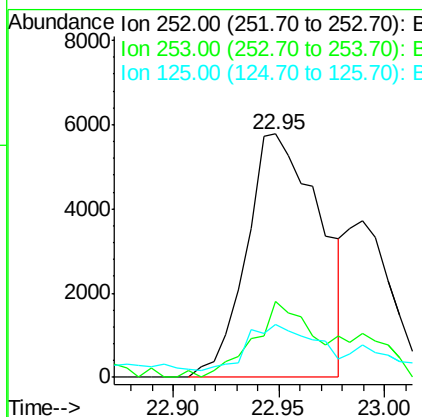
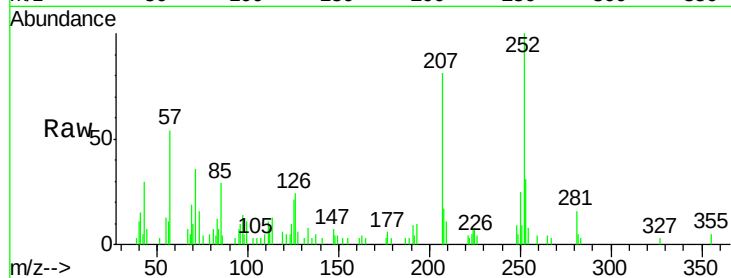




#85
Benzo(b)fluoranthene
Concen: 0.45 ng/ul
RT: 22.95 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

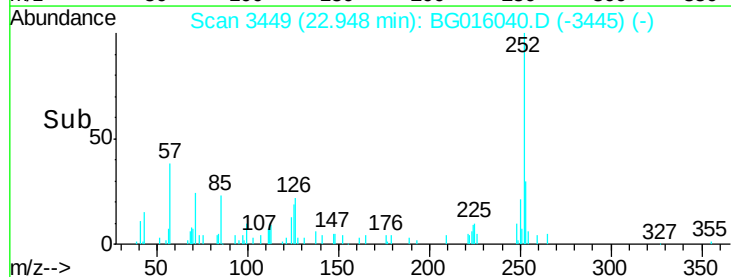
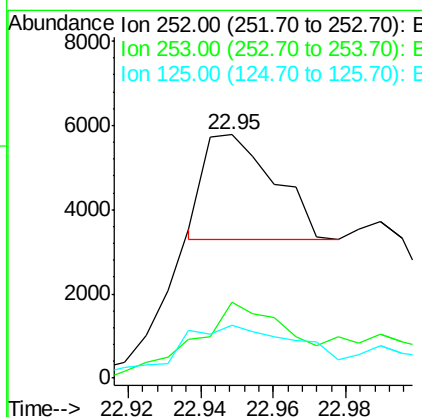
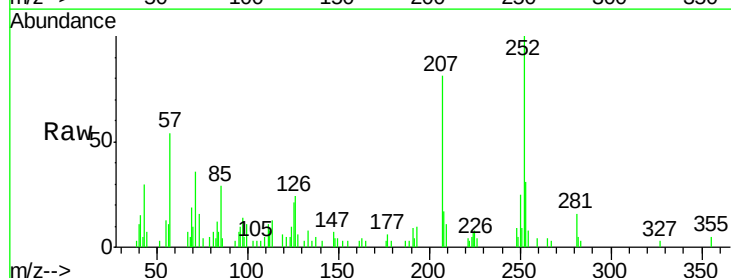
Instrument :
BNA_G
ClientSampleId :
C0AE1

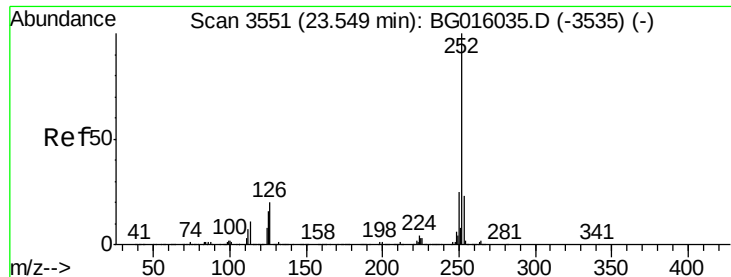
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	18.2	27.2#
125	21.5	11.9	17.9#



#86
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 22.95 min Scan# 3449
Delta R.T. -0.05 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	18.2	27.2#
125	21.5	11.4	17.2#





#88

Benzo(a)pyrene

Concen: 0.35 ng/ul

RT: 23.54 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

Instrument :

BNA_G

ClientSampleId :

C0AE1

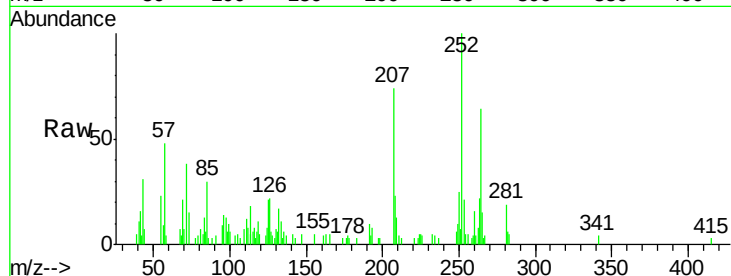
Tgt Ion: 252 Resp: 10605

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

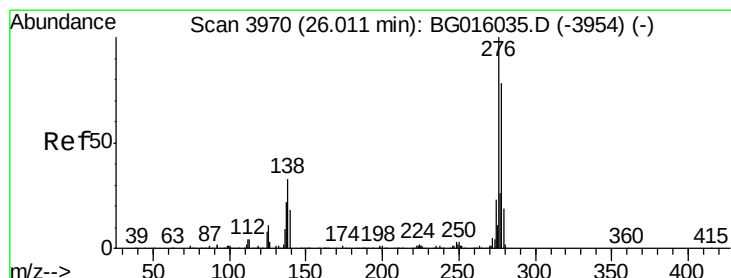
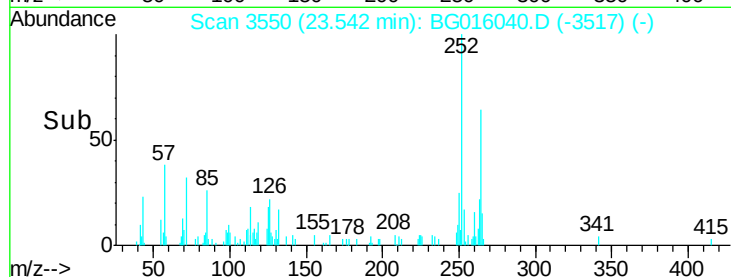
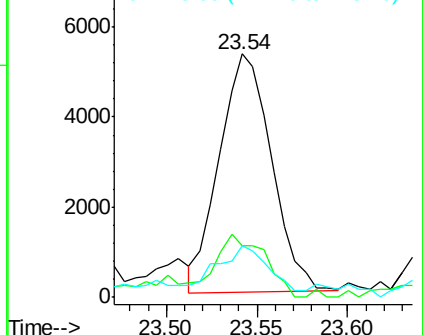
125 21.0 13.2 19.8#



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: 0.02 ng/ul

RT: 25.99 min Scan# 3967

Delta R.T. -0.02 min

Lab File: BG016040.D

Acq: 25 Feb 2015 17:33

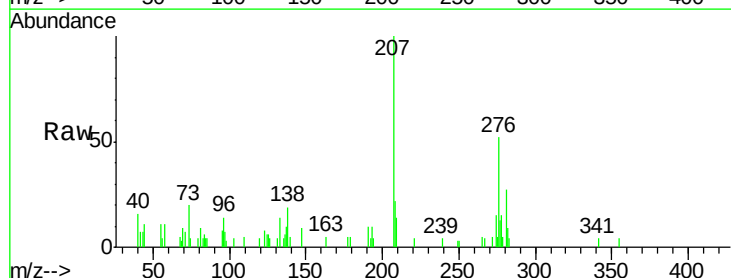
Tgt Ion: 276 Resp: 639

Ion Ratio Lower Upper

276 100

138 37.3 26.2 39.4

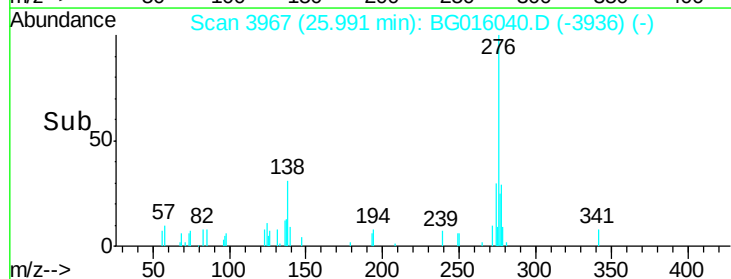
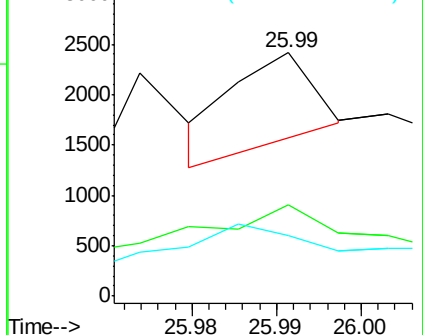
277 25.0 21.0 31.6

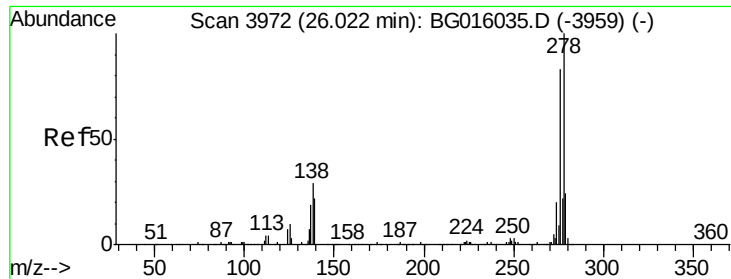


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



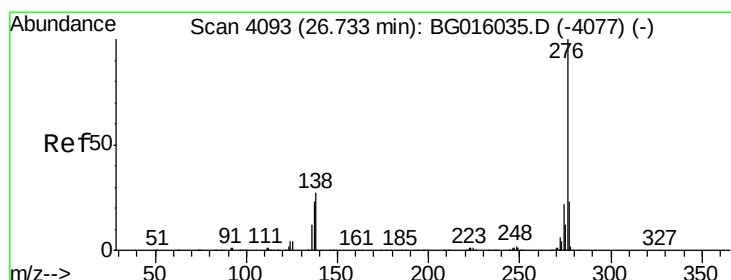
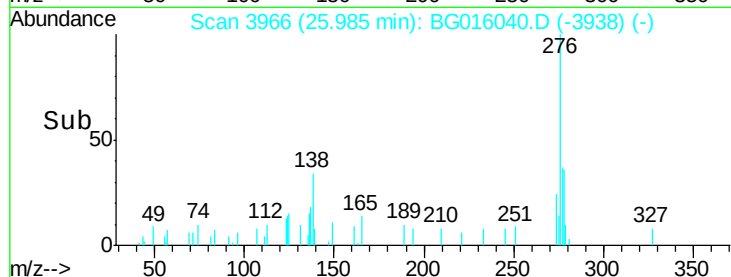
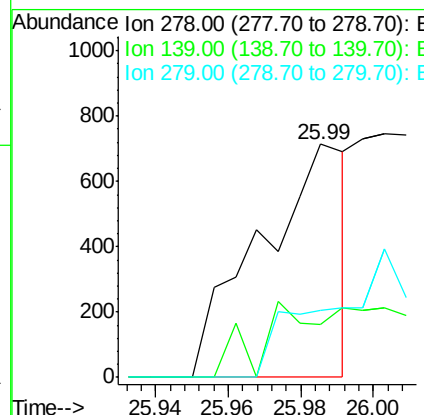
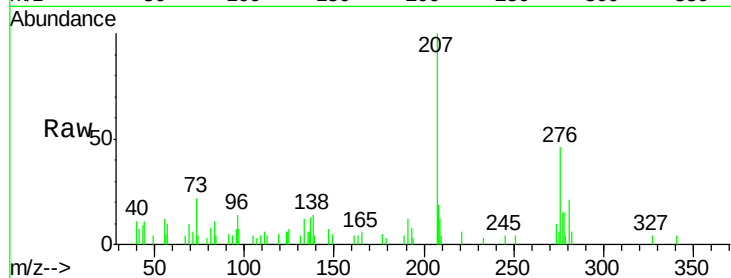


#90
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.99 min Scan# 3966
Delta R.T. -0.04 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

Instrument :
BNA_G
ClientSampleId :
C0AE1

Tgt Ion:278 Resp: 1192

Ion	Ratio	Lower	Upper
278	100		
139	22.9	17.0	25.4
279	28.9	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul
RT: 26.71 min Scan# 4090
Delta R.T. -0.02 min
Lab File: BG016040.D
Acq: 25 Feb 2015 17:33

Tgt Ion:276 Resp: 6967

Ion	Ratio	Lower	Upper
276	100		
138	18.2	23.0	34.4#
277	29.0	20.0	30.0

