

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020599.D
 Acq On : 30 Dec 2015 8:46
 Operator : UM/SJ
 Sample : G4802-09RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D84

Quant Time: Dec 30 10:50:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	80772	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	61691	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	162931	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	193296	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	187677	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	1646	5.52	ng/uL	0.00
5) Phenol-d5	7.22	99	41848	27.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	27815	30.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	34674	30.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	36707	28.34	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	19222	30.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	22638	31.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	39768	28.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	53734	32.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	168336	33.34	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	181946	31.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	20652	26.09	ng/ul	0.00
58) Fluorene-d10	15.68	176	146983	32.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	25599	25.91	ng/ul	0.00
71) Anthracene-d10	17.54	188	251130	33.08	ng/ul	0.00
79) Pyrene-d10	19.82	212	307351	35.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	324608	34.67	ng/ul	0.00

Target Compounds

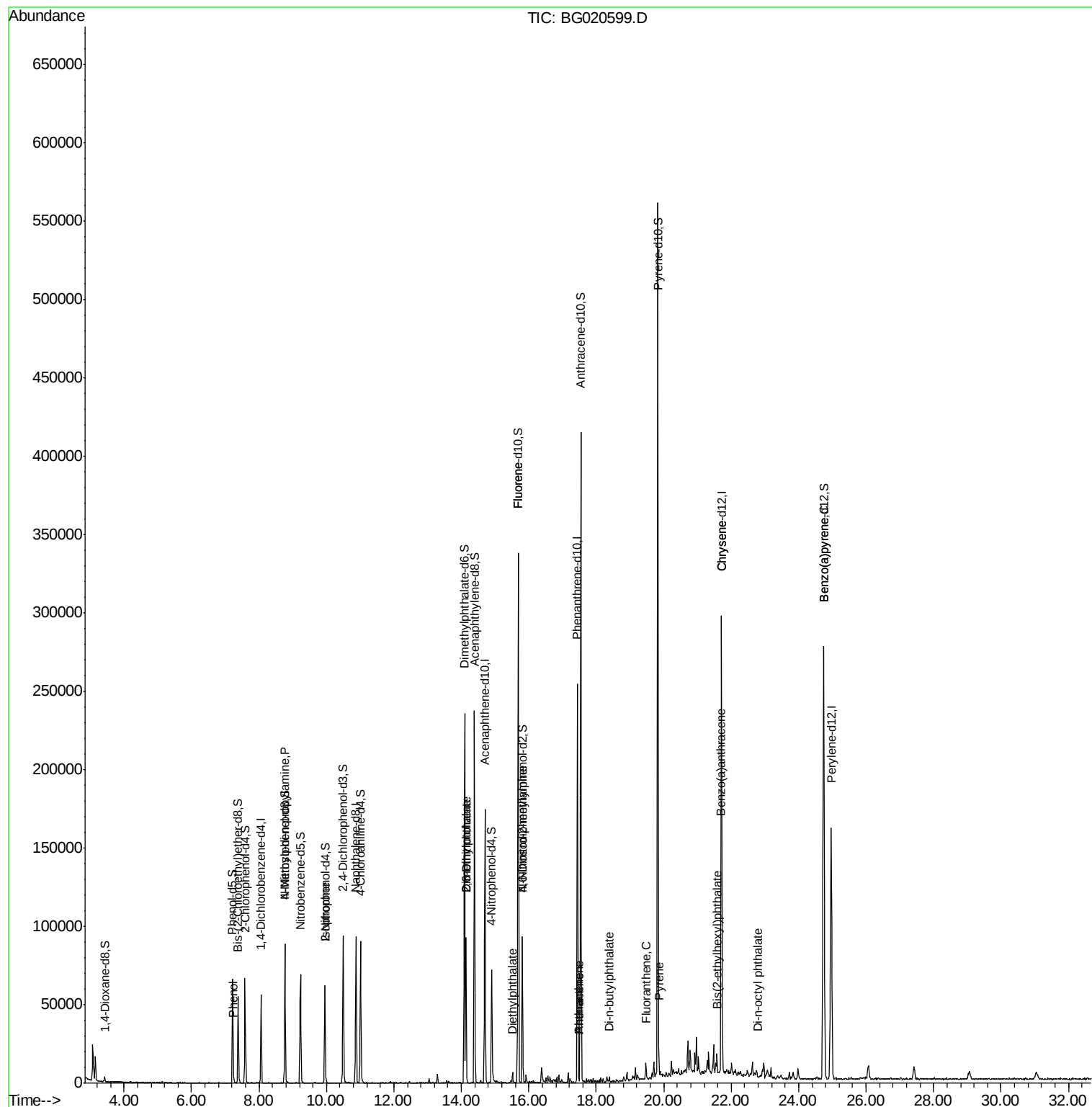
						Ovalue
6) Phenol	7.24	94	1661	1.02	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.76	70	771	0.72	ng/ul#	1
21) Isophorone	9.95	82	1649	0.54	ng/ul#	66
45) Dimethylphthalate	14.14	163	66246	12.84	ng/ul	99
46) 2,6-Dinitrotoluene	14.14	165	786	0.73	ng/ul#	33
57) Diethylphthalate	15.50	149	300	0.06	ng/ul#	57
59) Fluorene	15.69	166	314	0.06	ng/ul#	9
65) N-Nitrosodiphenylamine	15.81	169	128	0.03	ng/ul#	1
70) Phenanthrene	17.49	178	1155	0.13	ng/ul#	60
72) Anthracene	17.49	178	1155	0.13	ng/ul#	59
76) Di-n-butylphthalate	18.38	149	2892	0.32	ng/ul#	94
77) Fluoranthene	19.49	202	638	0.06	ng/ul#	80
80) Pyrene	19.85	202	413	0.04	ng/ul#	78
83) Benzo(a)anthracene	21.69	228	78	0.01	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.58	149	4234	0.75	ng/ul	91
85) Chrysene	21.71	228	433	0.04	ng/ul#	49
87) Di-n-octyl phthalate	22.79	149	323	0.03	ng/ul	100
91) Benzo(a)pyrene	24.74	252	217	0.02	ng/ul#	61

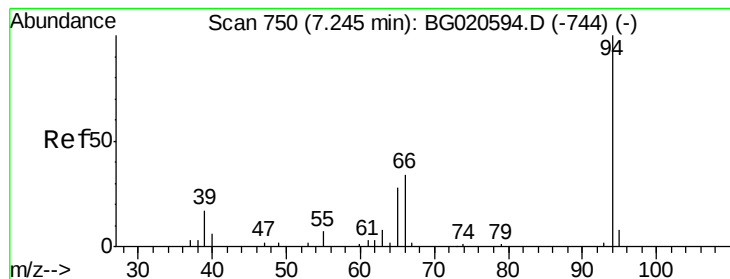
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.02 ng/ul

RT: 7.24 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleID :

G9D84

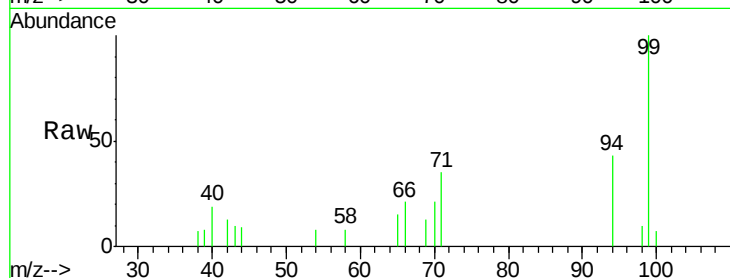
Tot Ion: 94 Resp: 1661

Ion Ratio Lower Upper

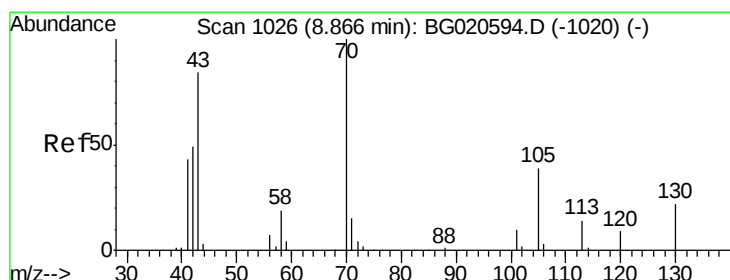
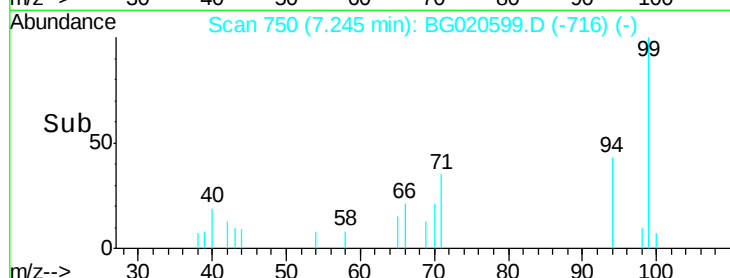
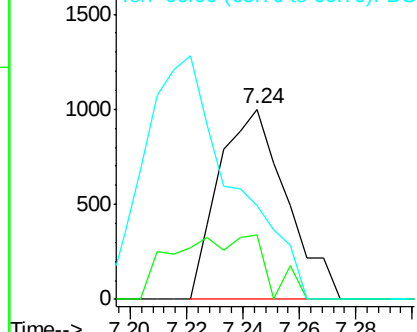
94 100

65 34.1 23.0 34.6

66 49.4 30.4 45.6#



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



#15

N-Nitroso-di-n-propylamine

Concen: 0.72 ng/ul

RT: 8.76 min Scan# 1008

Delta R.T. -0.11 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Tgt Ion: 70 Resp: 771

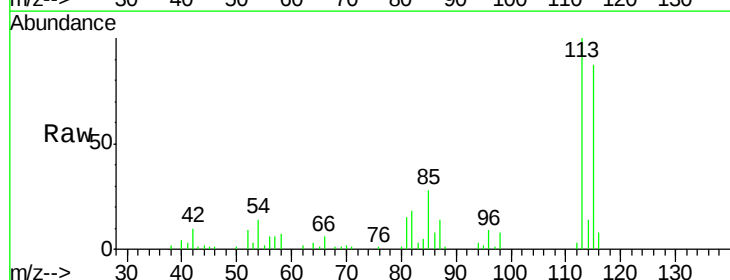
Ion Ratio Lower Upper

70 100

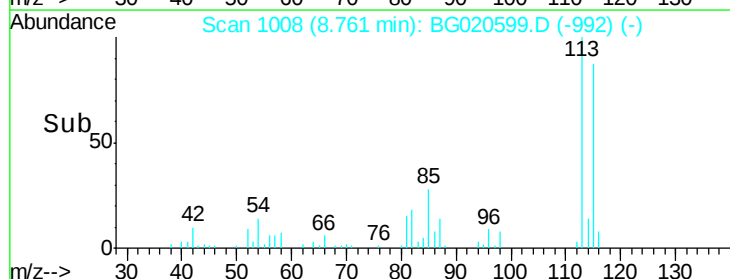
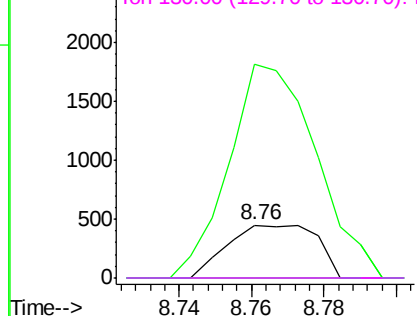
42 403.8 40.2 60.4#

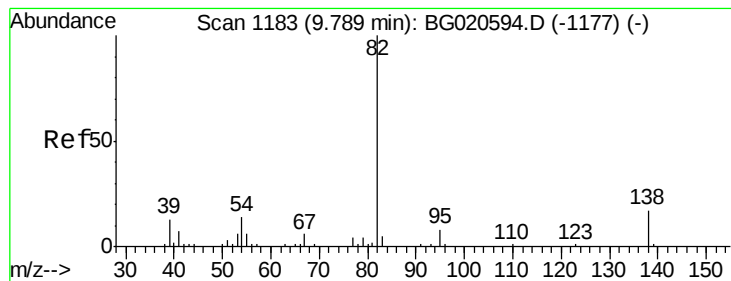
101 0.0 7.7 11.5#

130 0.0 17.8 26.6#



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





#21

Isophorone

Concen: 0.54 ng/ul

RT: 9.95 min Scan# 1211

Delta R.T. 0.16 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Instrument :

BNA_G

ClientSampled :

G9D84

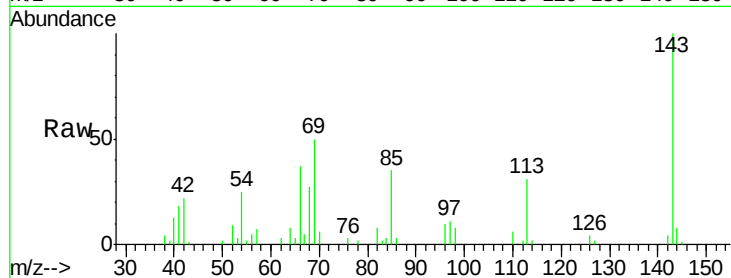
Tot Ion: 82 Resp: 1649

Ion Ratio Lower Upper

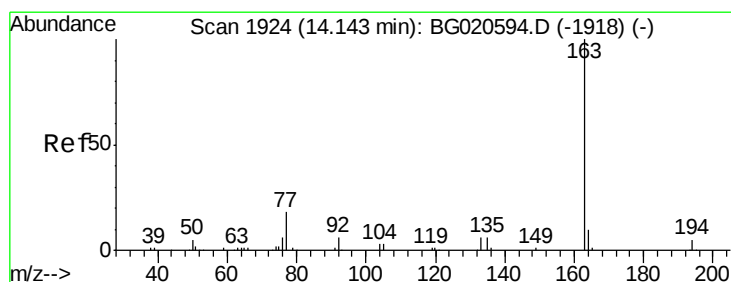
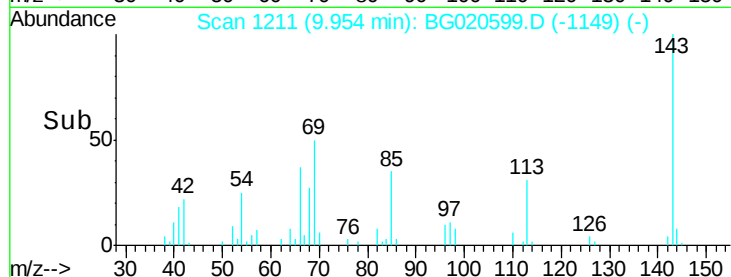
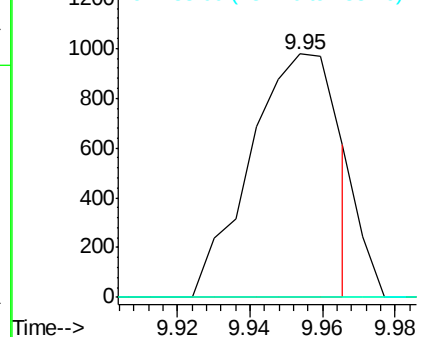
82 100

95 0.0 6.1 9.1#

138 0.0 13.5 20.3#



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



#45

Dimethylphthalate

Concen: 12.84 ng/ul

RT: 14.14 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

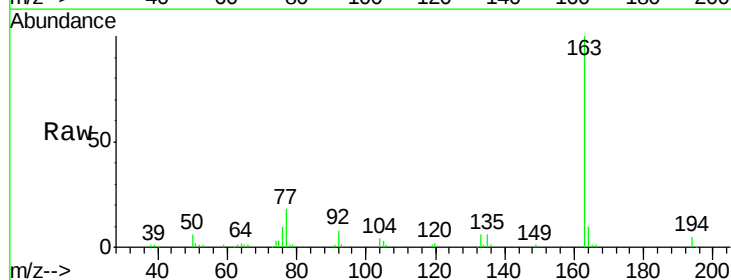
Tgt Ion: 163 Resp: 66246

Ion Ratio Lower Upper

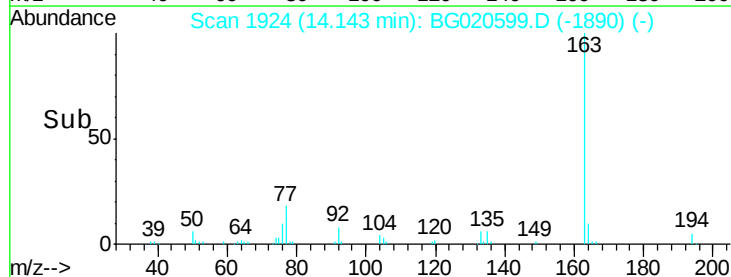
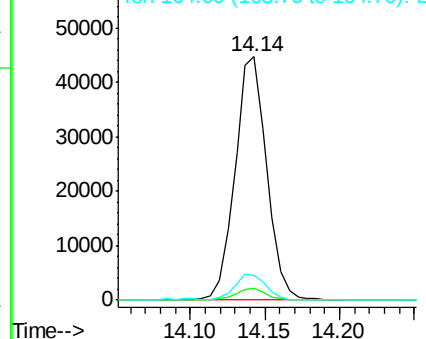
163 100

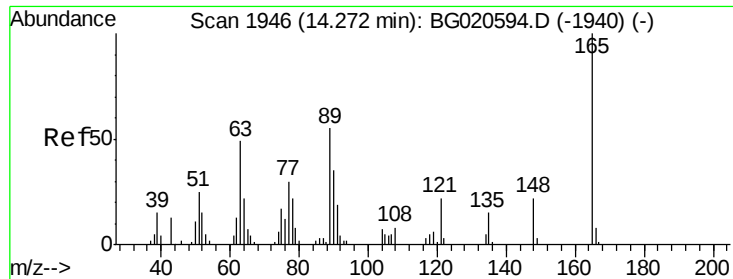
194 4.8 4.0 6.0

164 10.0 8.4 12.6



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

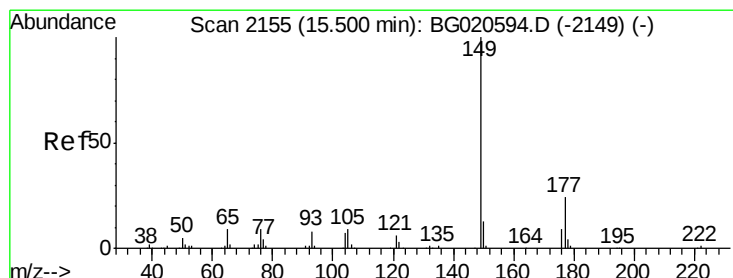
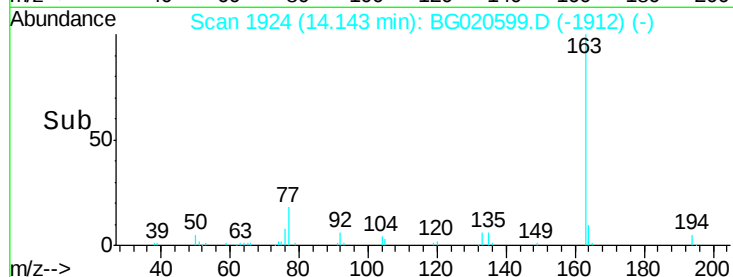
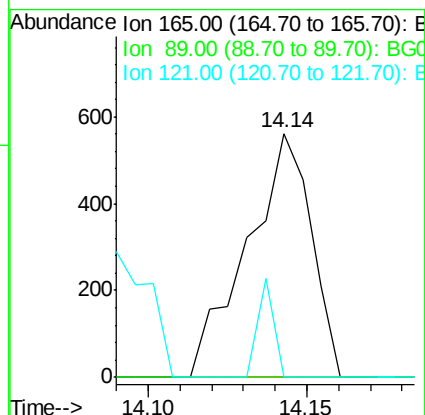
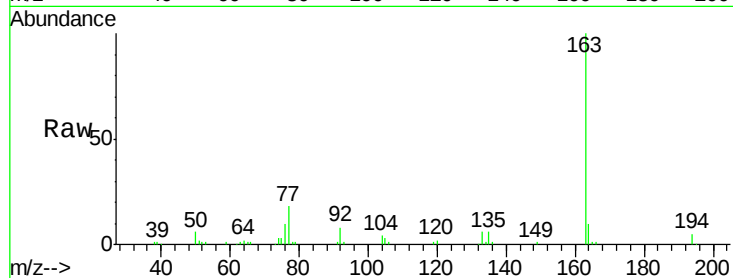




#46
 2,6-Dinitrotoluene
 Concen: 0.73 ng/ul
 RT: 14.14 min Scan# 1924
 Delta R.T. -0.13 min
 Lab File: BG020599.D
 Acq: 30 Dec 2015 8:46

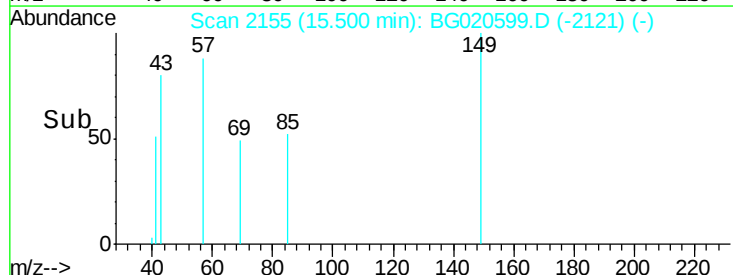
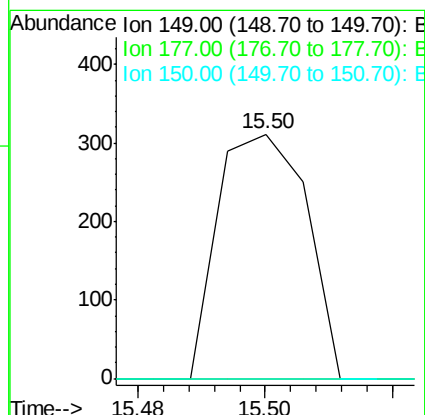
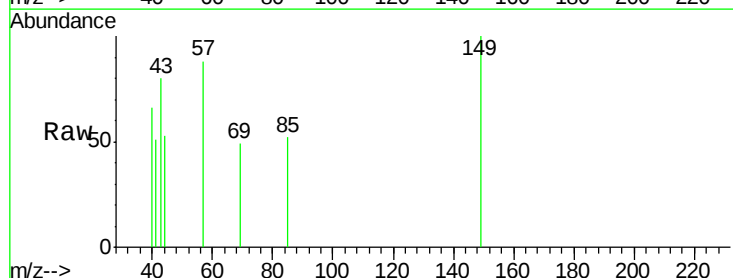
Instrument :
 BNA_G
 ClientSampleId :
 G9D84

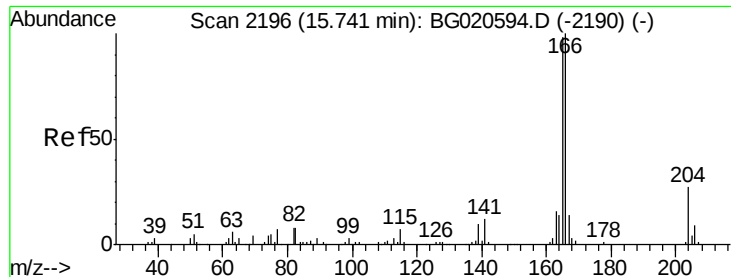
Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	0.0	17.8	26.6#



#57
 Diethylphthalate
 Concen: 0.06 ng/ul
 RT: 15.50 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG020599.D
 Acq: 30 Dec 2015 8:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.3	28.9#
150	0.0	10.6	15.8#





#59

Fluorene

Concen: 0.06 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. -0.05 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleId :

G9D84

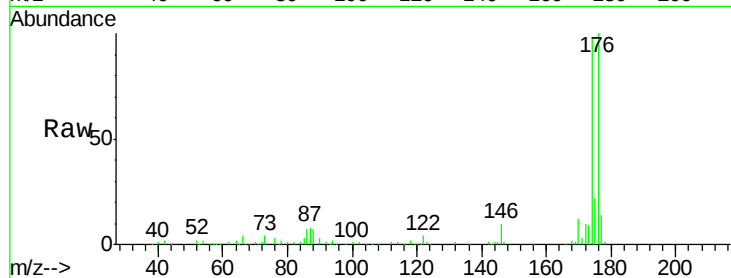
Tot Ion:166 Resp: 314

Ion Ratio Lower Upper

166 100

165 0.0 78.4 117.6#

167 0.0 11.1 16.7#



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

15.69

300

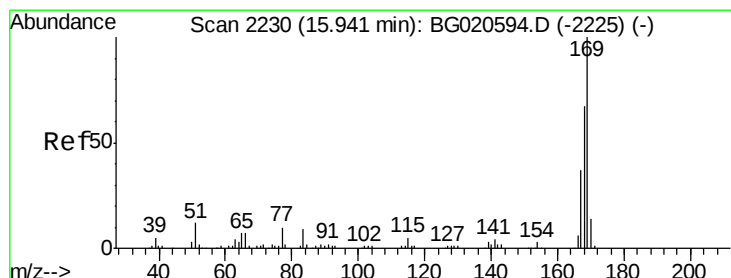
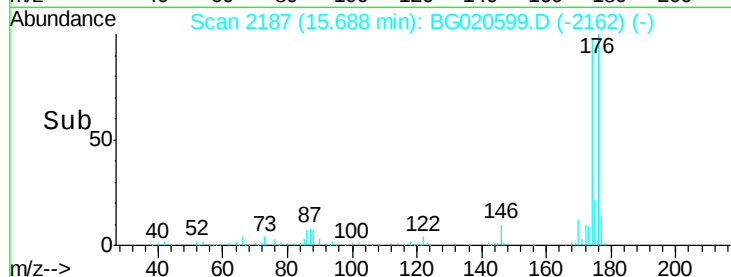
200

100

0

15.66 15.68 15.70

Time-->



#65

N-Nitrosodiphenylamine

Concen: 0.03 ng/ul

RT: 15.81 min Scan# 2208

Delta R.T. -0.13 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

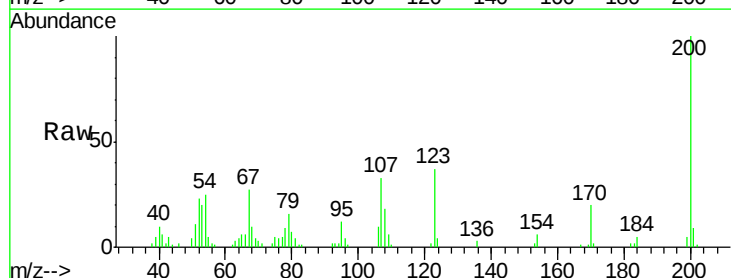
Tgt Ion:169 Resp: 128

Ion Ratio Lower Upper

169 100

168 0.0 53.8 80.8#

167 115.4 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.81

300

250

200

150

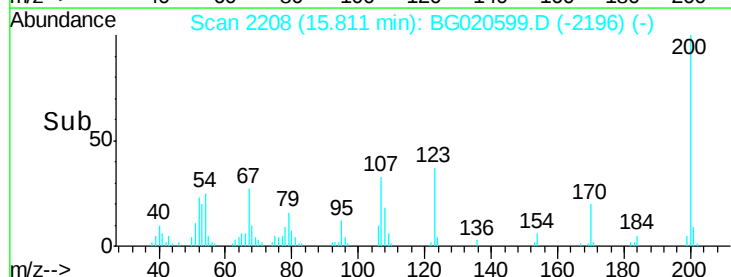
100

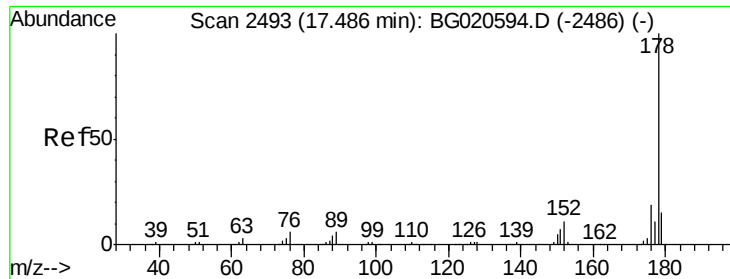
50

0

15.80 15.81 15.82

Time-->





#70

Phenanthrene

Concen: 0.13 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleId :

G9D84

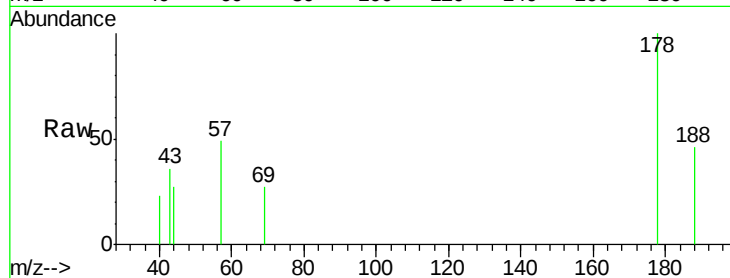
Tot Ion:178 Resp: 1155

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

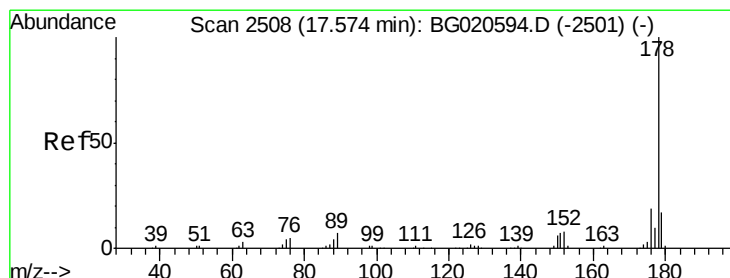
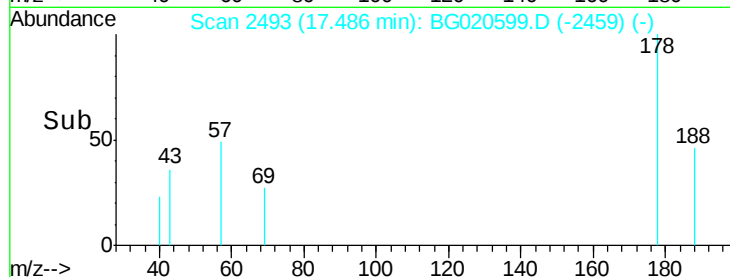
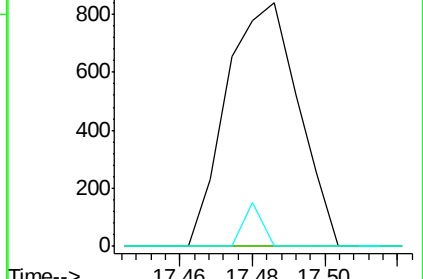
176 0.0 15.4 23.0#



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

Anthracene

Concen: 0.13 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.09 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

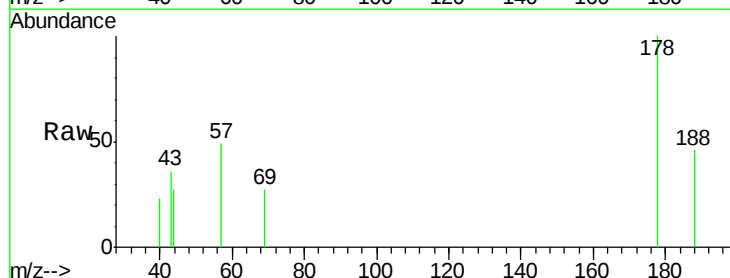
Tgt Ion:178 Resp: 1155

Ion Ratio Lower Upper

178 100

179 0.0 13.4 20.2#

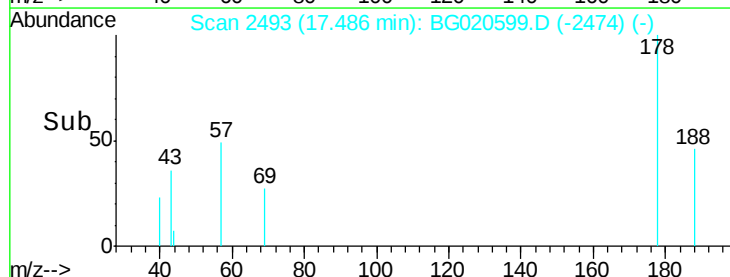
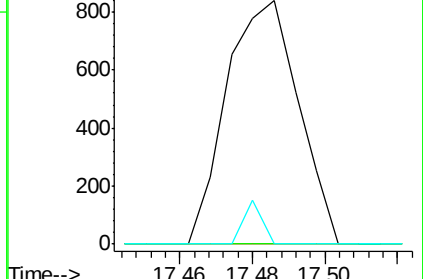
176 0.0 15.4 23.0#

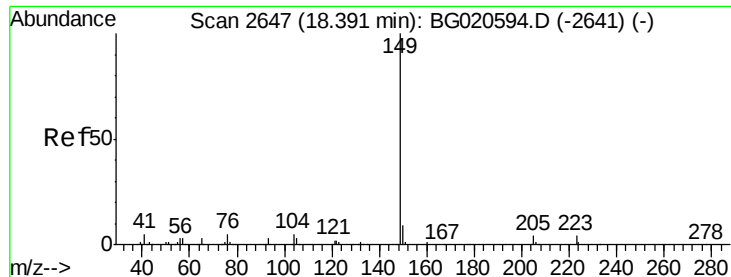


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

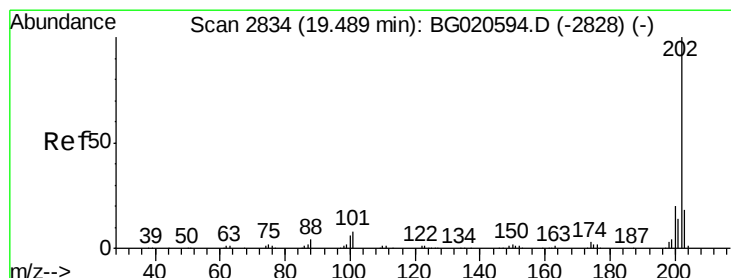
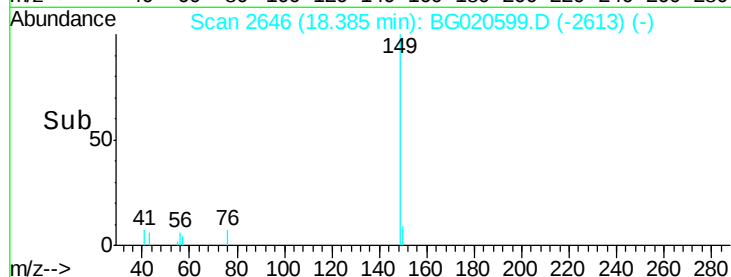
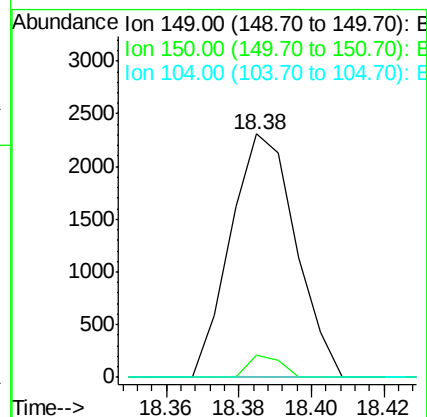
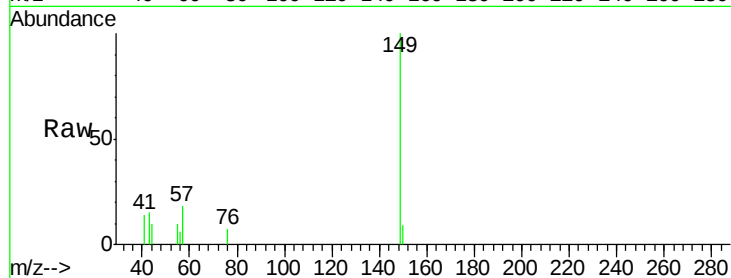




#76
Di-n-butylphthalate
Concen: 0.32 ng/ul
RT: 18.38 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BG020599.D
Acq: 30 Dec 2015 8:46

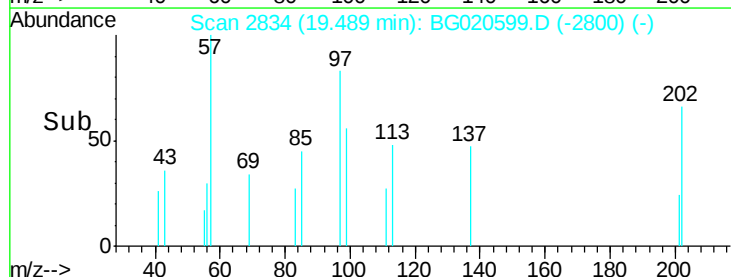
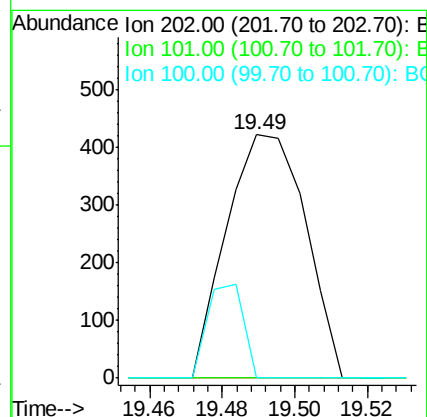
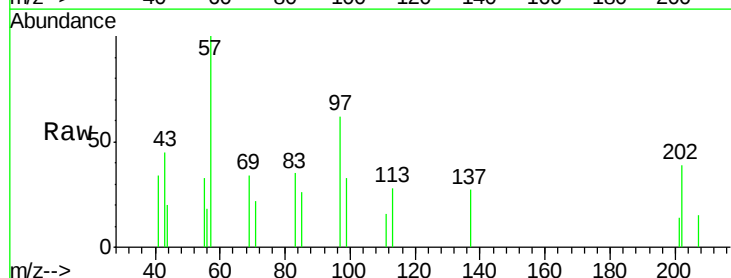
Instrument :
BNA_G
ClientSampleId :
G9D84

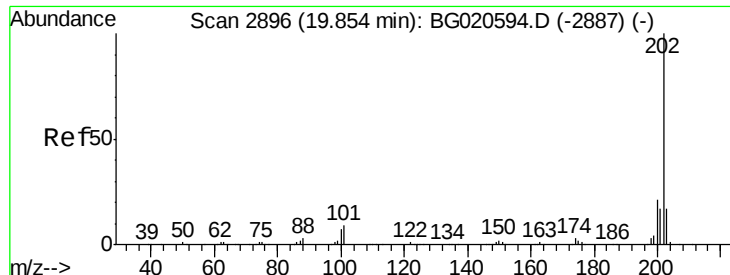
Tot Ion:149 Resp: 2892
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 0.0 4.1 6.1#



#77
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020599.D
Acq: 30 Dec 2015 8:46

Tgt Ion:202 Resp: 638
Ion Ratio Lower Upper
202 100
101 0.0 6.1 9.1#
100 0.0 4.6 7.0#





#80

Pvrene

Concen: 0.04 ng/ul

RT: 19.85 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleId :

G9D84

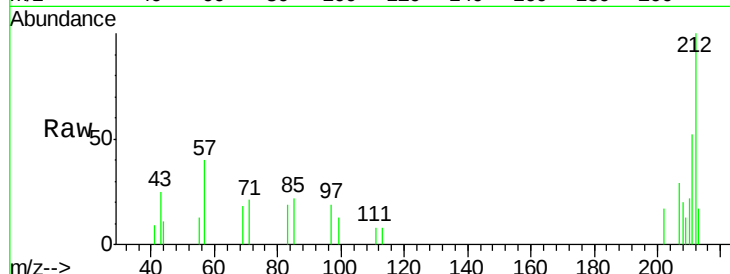
Tot Ion:202 Resp: 413

Ion Ratio Lower Upper

202 100

101 0.0 6.9 10.3#

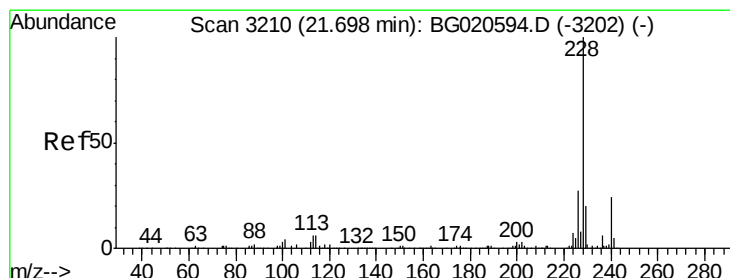
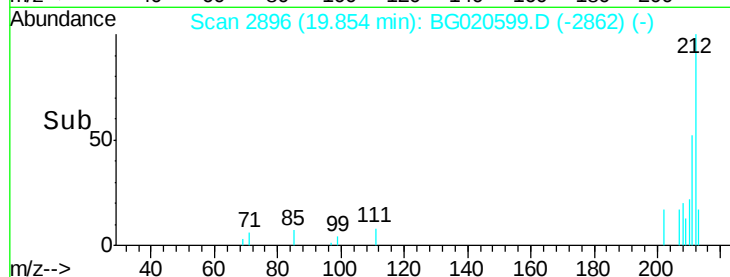
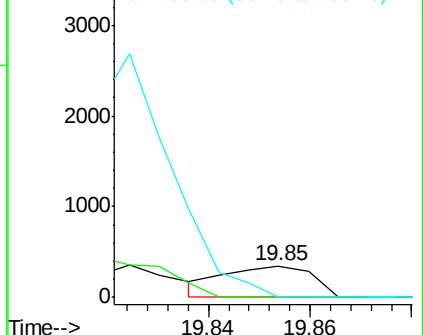
100 0.0 5.6 8.4#



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



#83

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

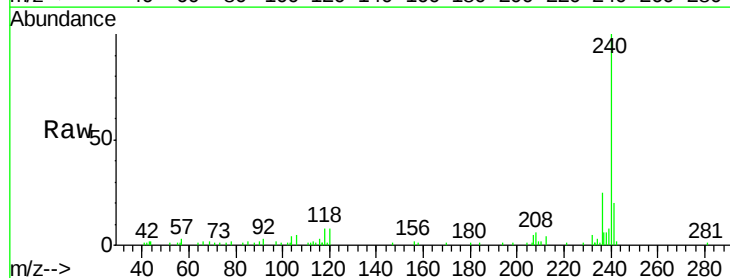
Tgt Ion:228 Resp: 78

Ion Ratio Lower Upper

228 100

229 0.0 16.0 24.0#

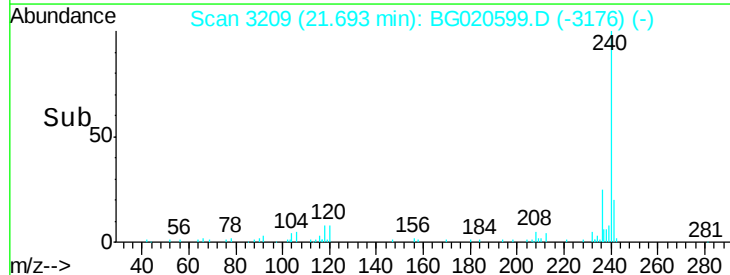
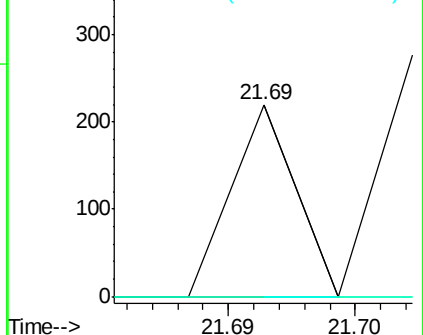
226 0.0 21.8 32.8#

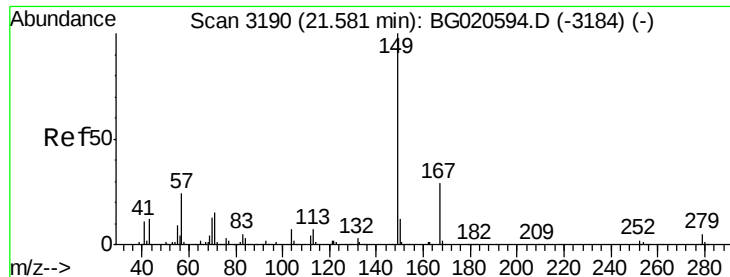


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.75 ng/ul

RT: 21.58 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleId :

G9D84

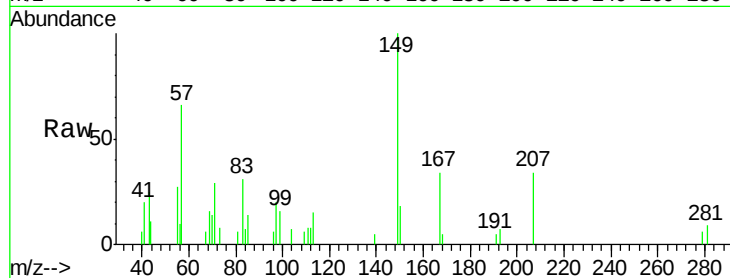
Tot Ion:149 Resp: 4234

Ion Ratio Lower Upper

149 100

167 34.5 23.0 34.6

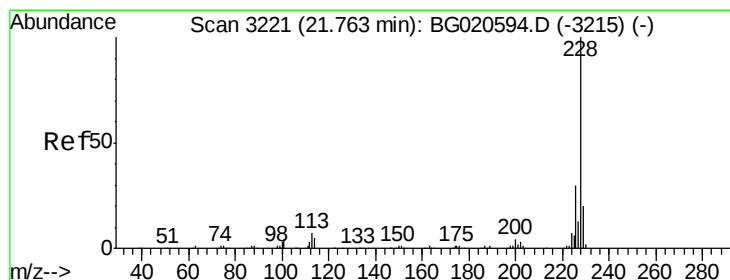
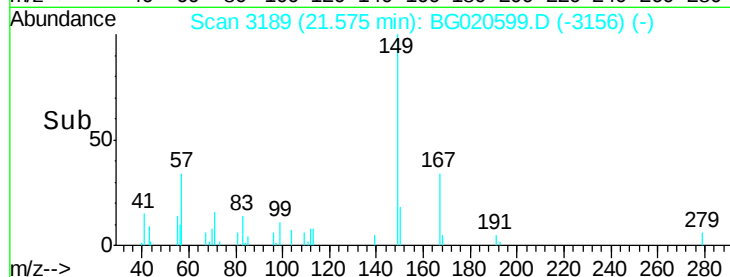
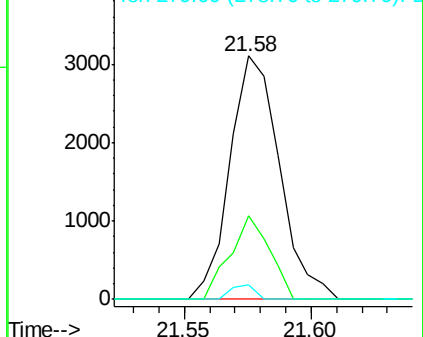
279 5.7 4.3 6.5



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



#85

Chrysene

Concen: 0.04 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. -0.05 min

Lab File: BG020599.D

Acq: 30 Dec 2015 8:46

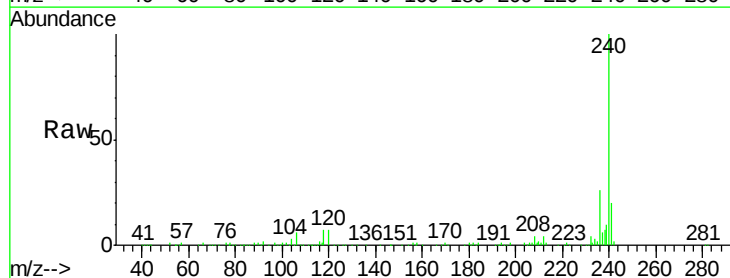
Tgt Ion:228 Resp: 433

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

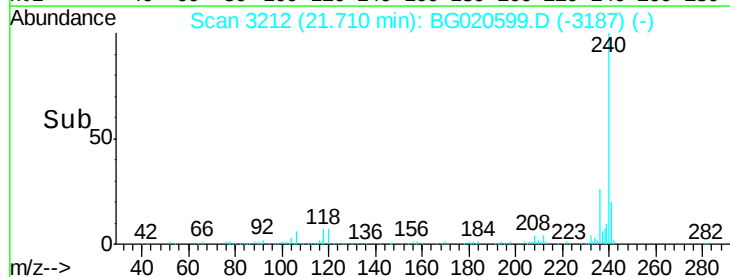
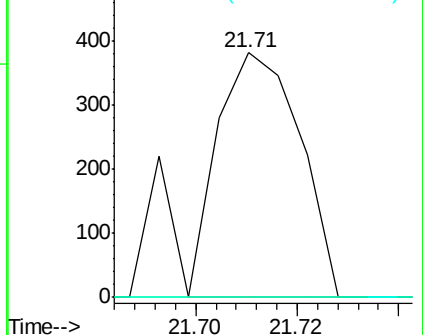
229 0.0 16.0 24.0#

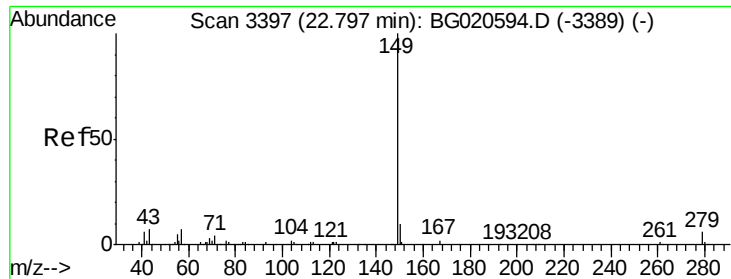


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

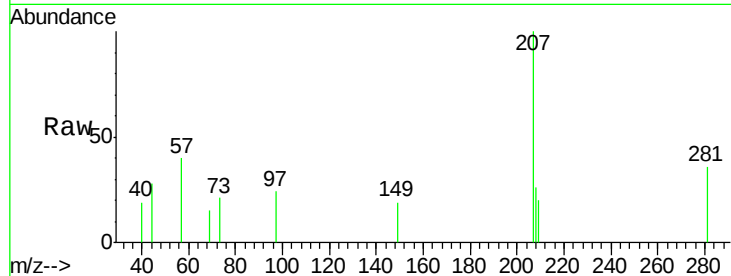




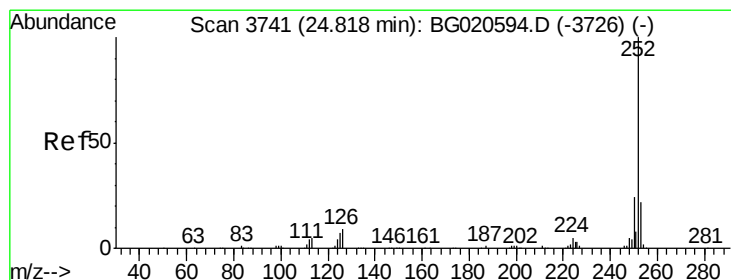
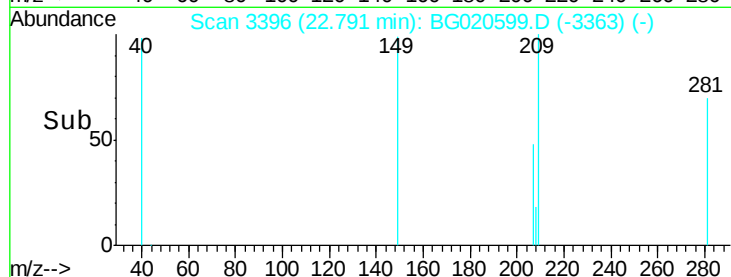
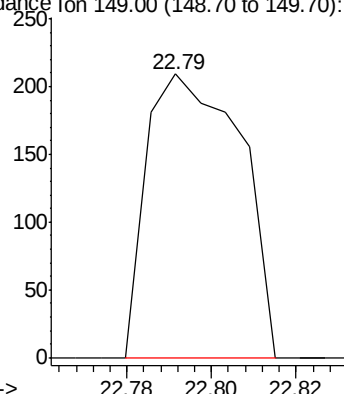
#87
Di-n-octyl phthalate
Concen: 0.03 ng/ul
RT: 22.79 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BG020599.D
Acq: 30 Dec 2015 8:46

Instrument :
BNA_G
ClientSampleId :
G9D84

Tgt Ion:149 Resp: 323

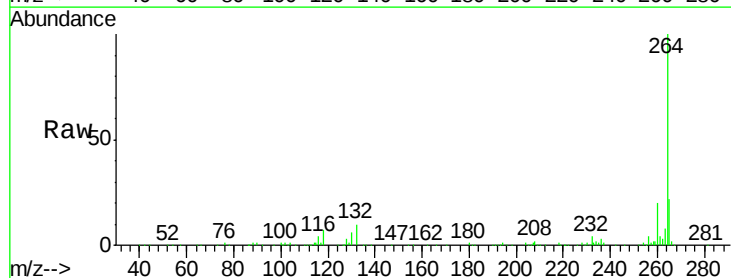


Abundance Ion 149.00 (148.70 to 149.70): E



#91
Benzo(a)pyrene
Concen: 0.02 ng/ul
RT: 24.74 min Scan# 3728
Delta R.T. -0.08 min
Lab File: BG020599.D
Acq: 30 Dec 2015 8:46

Tgt Ion:252 Resp: 217
Ion Ratio Lower Upper
252 100
253 0.0 17.2 25.8#
125 0.0 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

