

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
 Data File : BG021501.D
 Acq On : 25 Mar 2016 1:41
 Operator : UM/SJ
 Sample : H1909-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T53

Quant Time: Mar 25 04:22:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

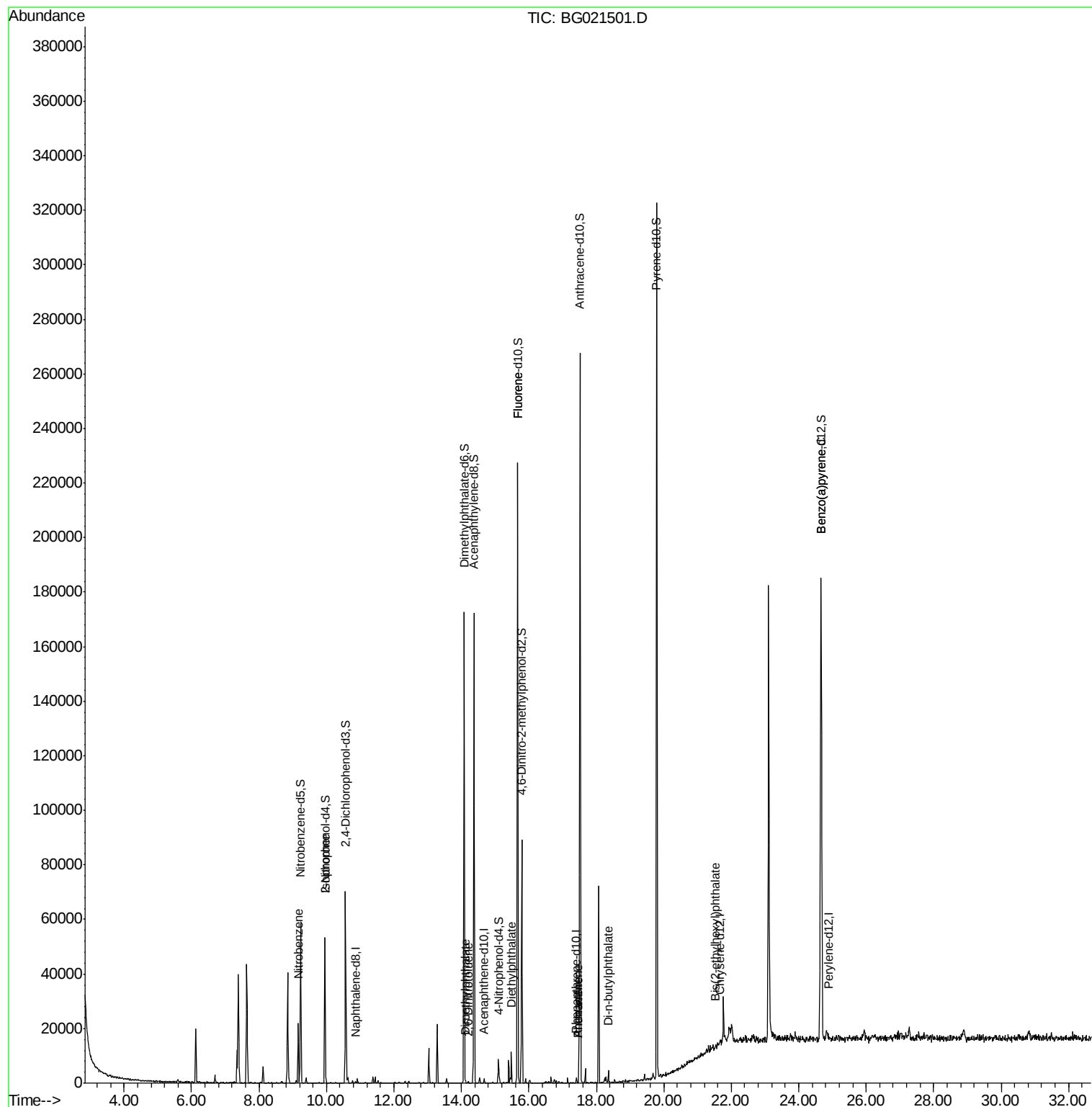
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.87	136	964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	828	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	1784	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	1786	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	1308	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	283	0.00	ng/uL	0.00
5) Phenol-d5	7.35	99	7448	0.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	19353	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	19672	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	14927	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	13465	1861.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	15023	1817.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	25385	1717.74	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	104154	1510.71	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	122221	1438.18	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	2618	237.57	ng/ul	0.02
58) Fluorene-d10	15.67	176	92789	1492.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	18554	1574.25	ng/ul	0.00
71) Anthracene-d10	17.52	188	152354	1742.71	ng/ul	0.00
79) Pyrene-d10	19.79	212	174441	2094.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	178080	2949.88	ng/ul	0.00
Target Compounds						
20) Nitrobenzene	9.17	77	443	21.69	ng/ul#	1
21) Isophorone	9.95	82	1432	36.36	ng/ul#	69
45) Dimethylphthalate	14.12	163	774	10.80	ng/ul#	76
46) 2,6-Dinitrotoluene	14.20	165	393	26.89	ng/ul#	19
57) Diethylphthalate	15.48	149	6673	87.16	ng/ul	98
59) Fluorene	15.66	166	94	1.32	ng/ul#	7
70) Phenanthrene	17.45	178	170	1.68	ng/ul#	61
72) Anthracene	17.45	178	170	1.65	ng/ul#	59
76) Di-n-butylphthalate	18.36	149	3283	28.61	ng/ul#	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	317	4.82	ng/ul#	55
91) Benzo(a)pyrene	24.66	252	444	5.44	ng/ul#	60

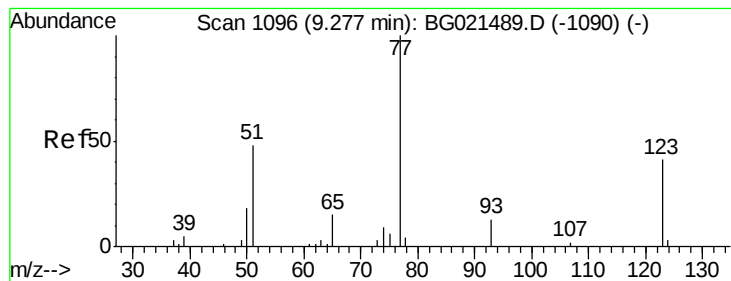
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 21.69 ng/ul

RT: 9.17 min Scan# 1077

Delta R.T. -0.11 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

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ClientSampleId :

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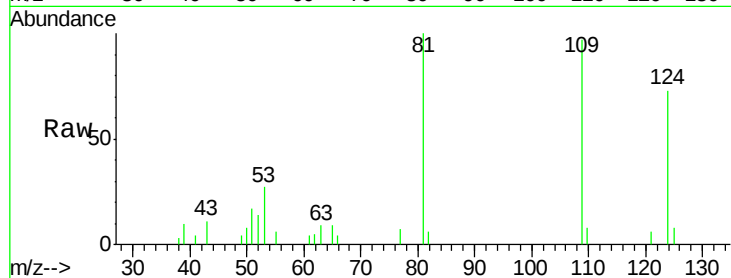
Tgt Ion: 77 Resp: 443

Ion Ratio Lower Upper

77 100

123 0.0 28.4 42.6#

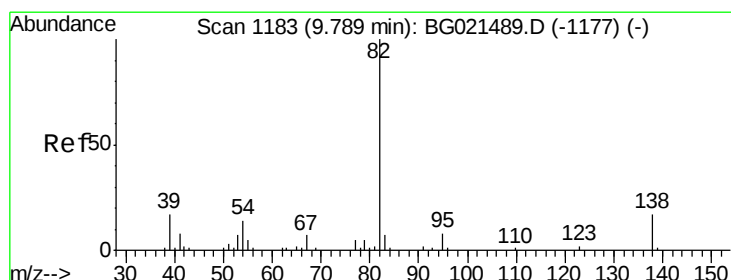
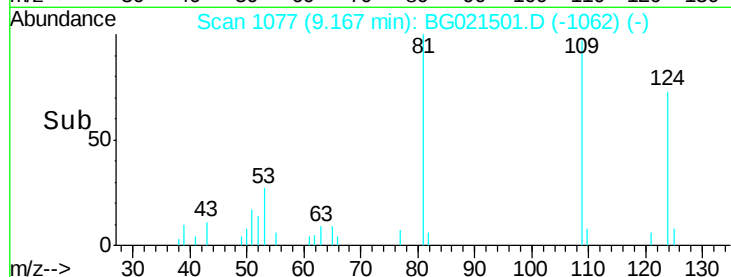
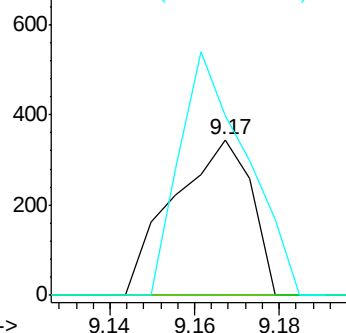
65 115.7 11.0 16.6#



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



#21

Isophorone

Concen: 36.36 ng/ul

RT: 9.95 min Scan# 1211

Delta R.T. 0.17 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

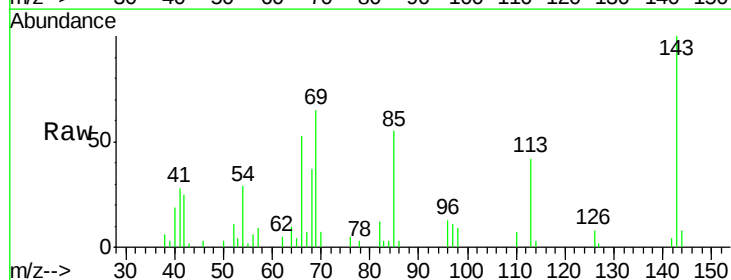
Tgt Ion: 82 Resp: 1432

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

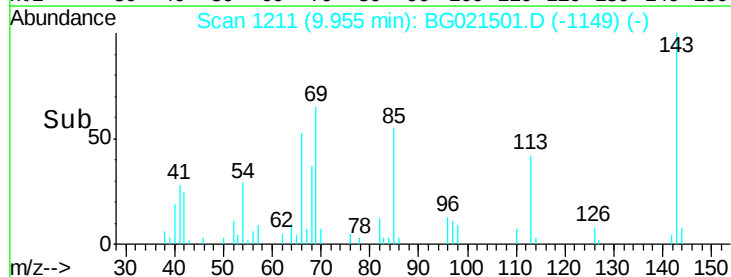
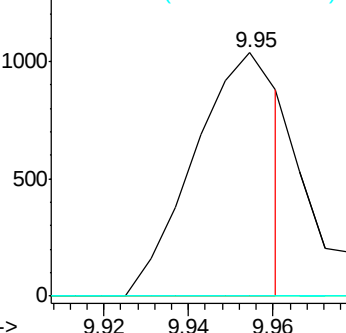
138 0.0 12.2 18.2#

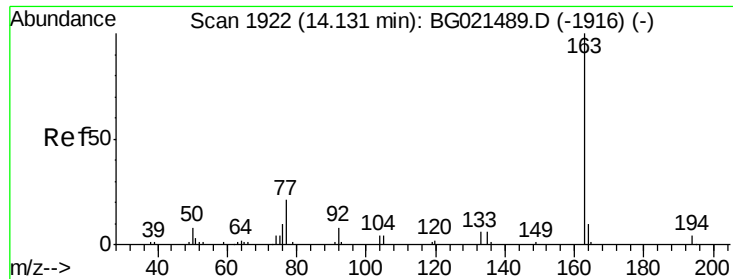


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#45

Dimethylphthalate

Concen: 10.80 ng/ul

RT: 14.12 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

Instrument :

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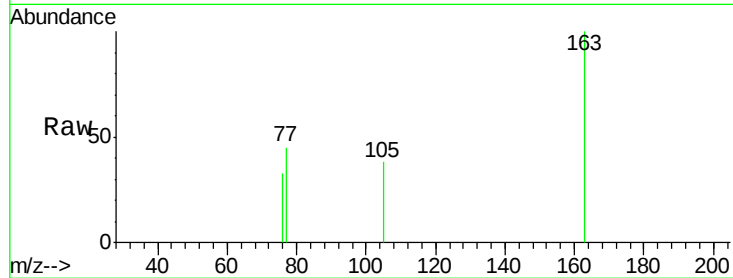
Tgt Ion:163 Resp: 774

Ion Ratio Lower Upper

163 100

194 0.0 3.9 5.9#

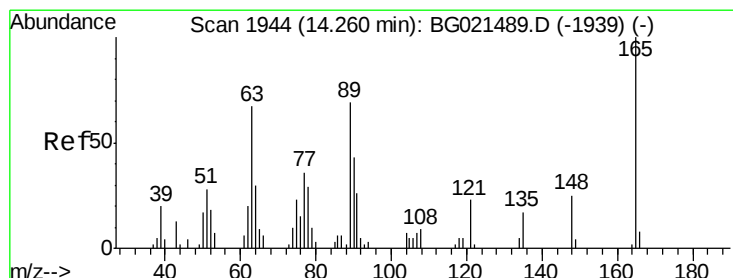
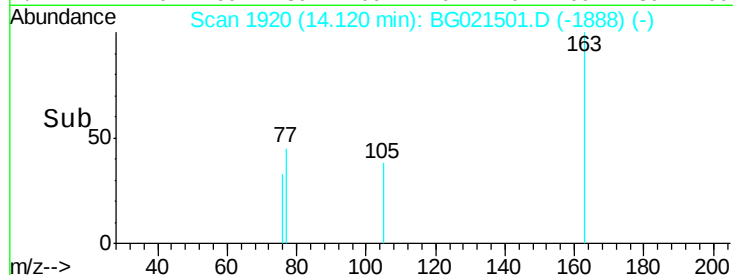
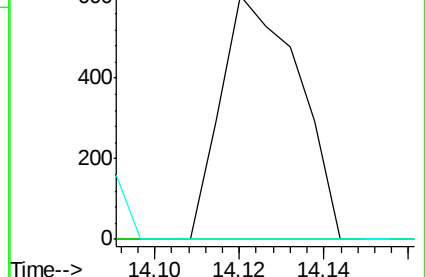
164 0.0 8.7 13.1#



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



#46

2,6-Dinitrotoluene

Concen: 26.89 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. -0.06 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

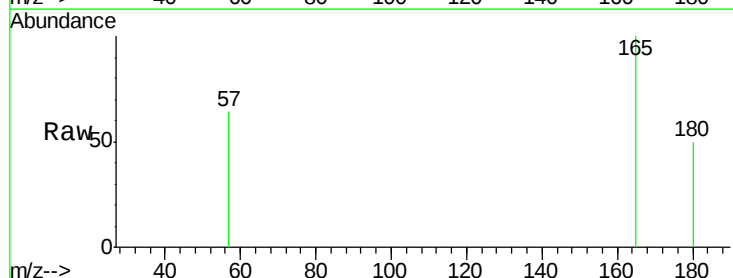
Tgt Ion:165 Resp: 393

Ion Ratio Lower Upper

165 100

89 0.0 64.6 96.8#

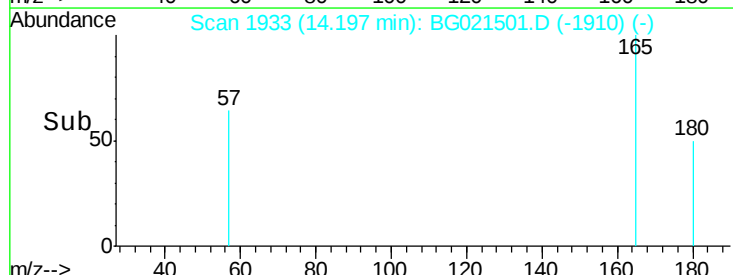
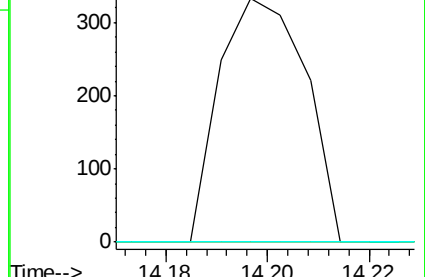
121 0.0 20.4 30.6#

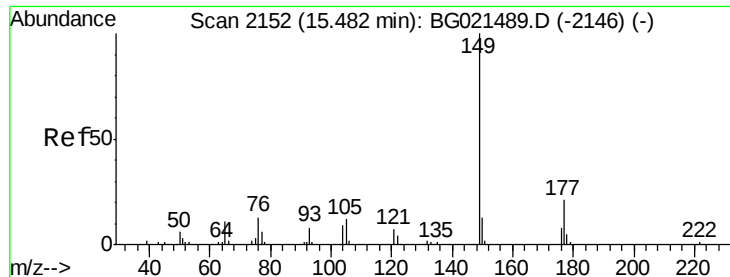


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#57

Diethylphthalate

Concen: 87.16 ng/ul

RT: 15.48 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

Instrument :

BNA_G

ClientSampleId :

A4T53

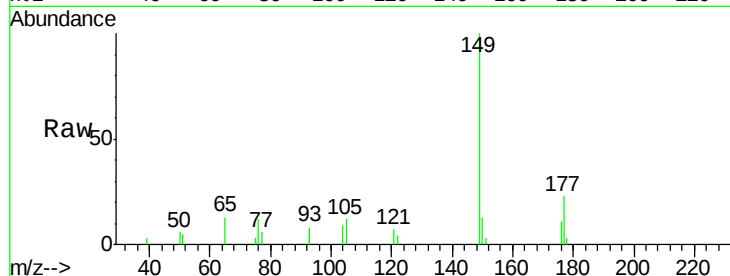
Tgt Ion:149 Resp: 6673

Ion Ratio Lower Upper

149 100

177 23.2 17.4 26.2

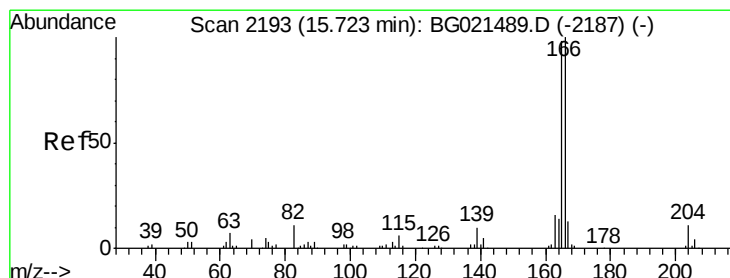
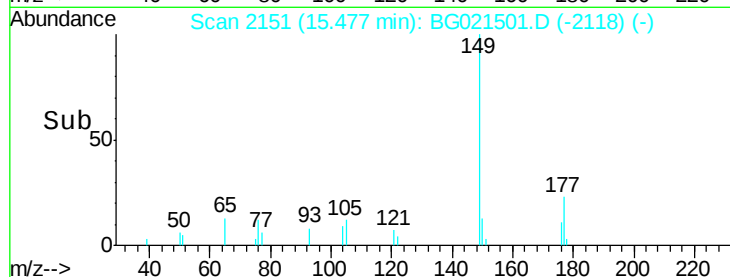
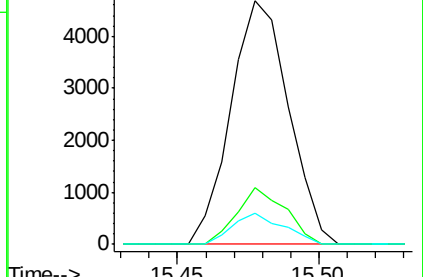
150 12.9 10.2 15.2



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



#59

Fluorene

Concen: 1.32 ng/ul

RT: 15.66 min Scan# 2182

Delta R.T. -0.06 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

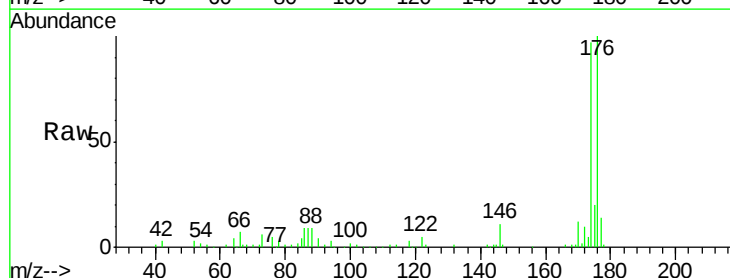
Tgt Ion:166 Resp: 94

Ion Ratio Lower Upper

166 100

165 0.0 81.1 121.7#

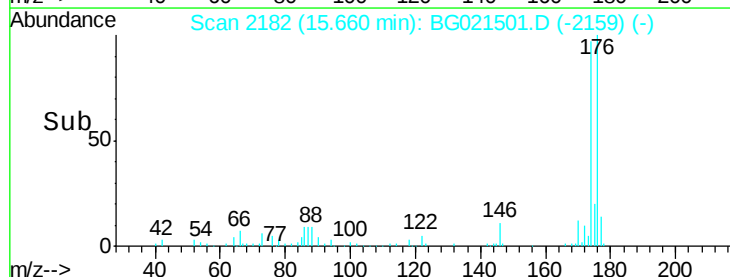
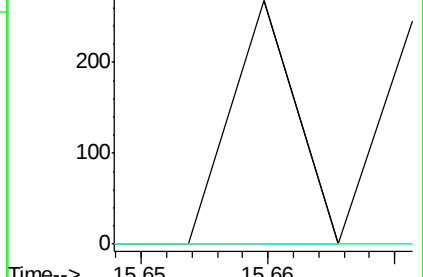
167 0.0 10.6 16.0#

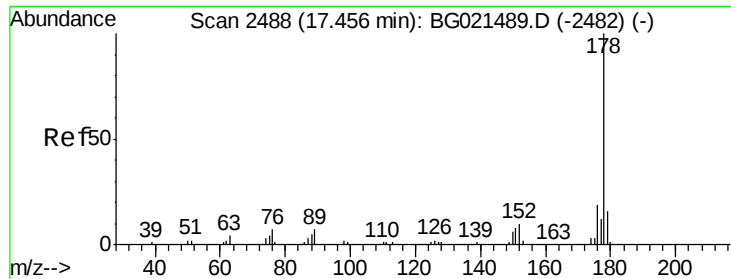


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 1.68 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

Instrument :

BNA_G

ClientSampleId :

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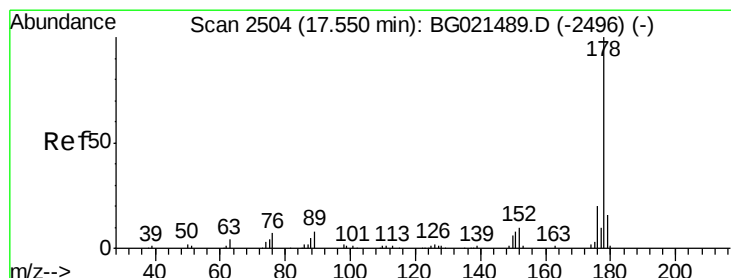
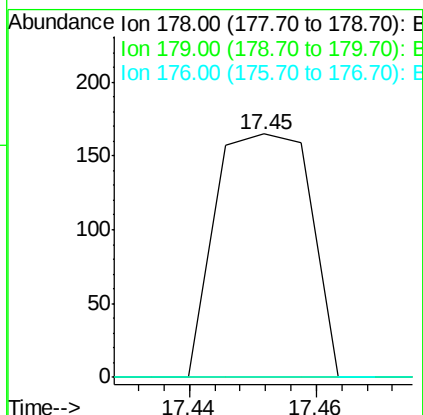
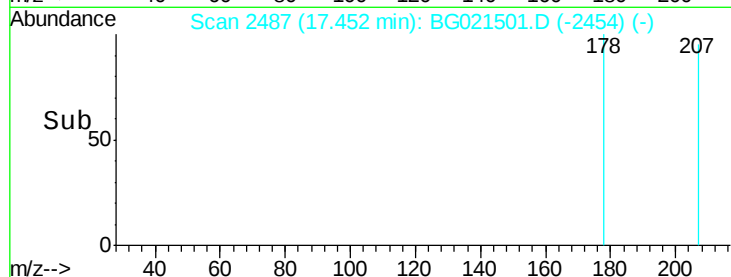
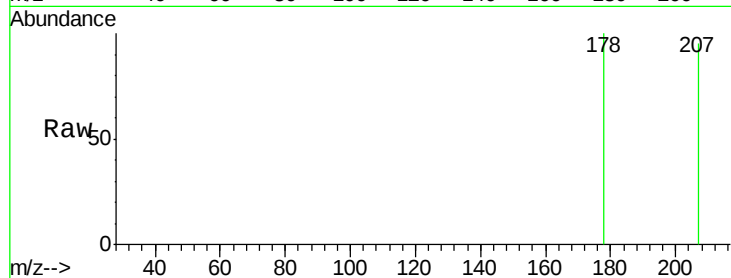
Tgt Ion:178 Resp: 170

Ion Ratio Lower Upper

178 100

179 0.0 11.8 17.8#

176 0.0 14.8 22.2#



#72

Anthracene

Concen: 1.65 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. -0.10 min

Lab File: BG021501.D

Acq: 25 Mar 2016 1:41

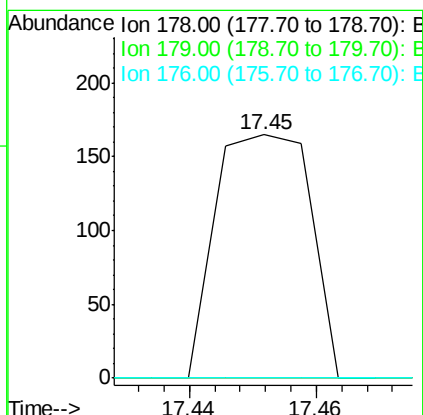
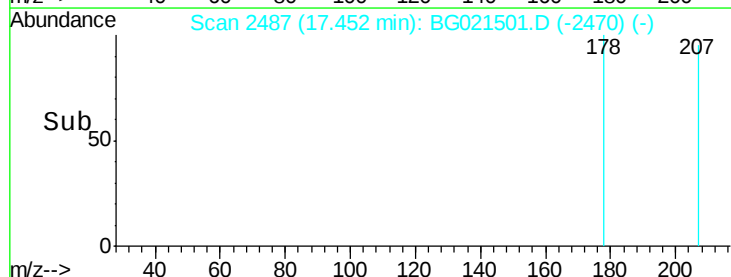
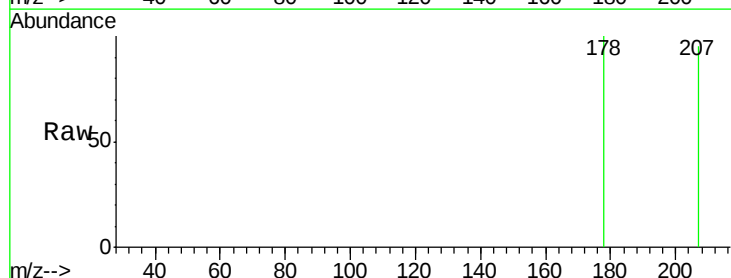
Tgt Ion:178 Resp: 170

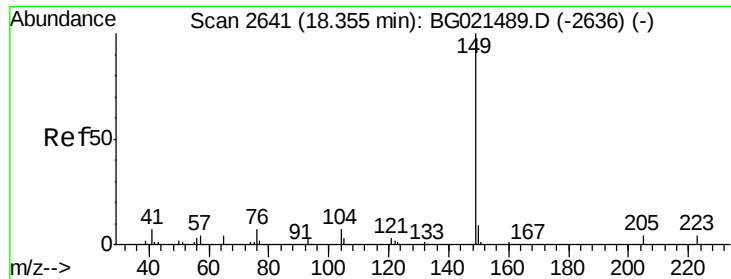
Ion Ratio Lower Upper

178 100

179 0.0 12.9 19.3#

176 0.0 15.6 23.4#

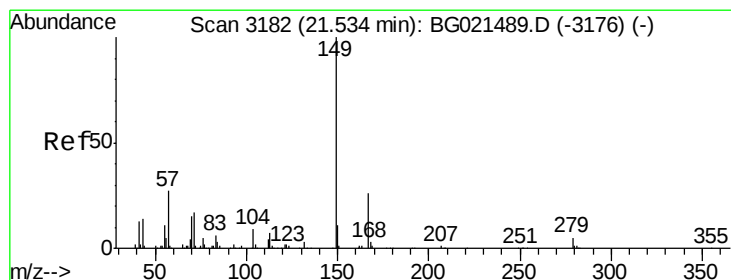
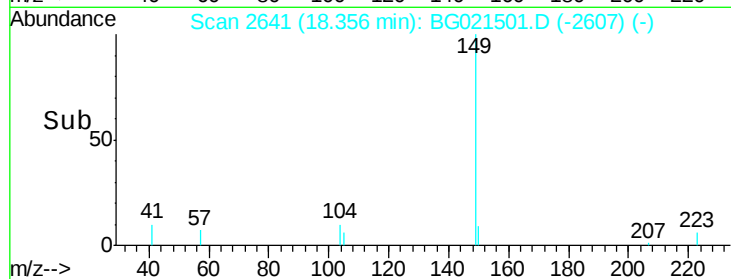
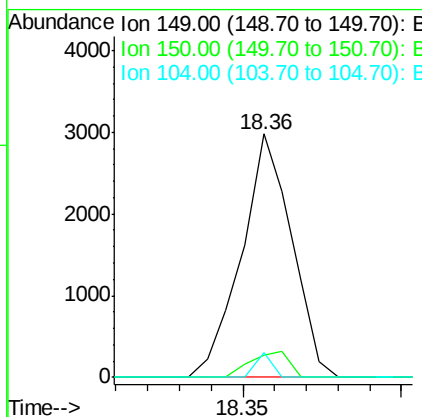
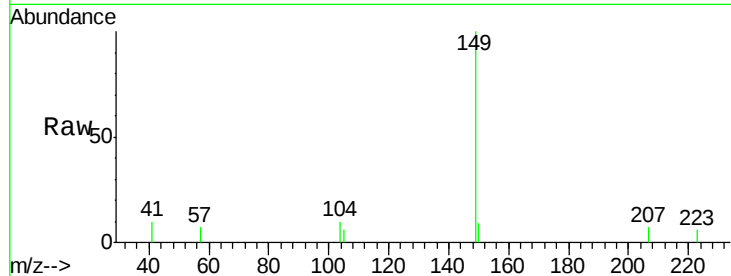




#76
 Di-n-butylphthalate
 Concen: 28.61 ng/ul
 RT: 18.36 min Scan# 2641
 Delta R.T. 0.00 min
 Lab File: BG021501.D
 Acq: 25 Mar 2016 1:41

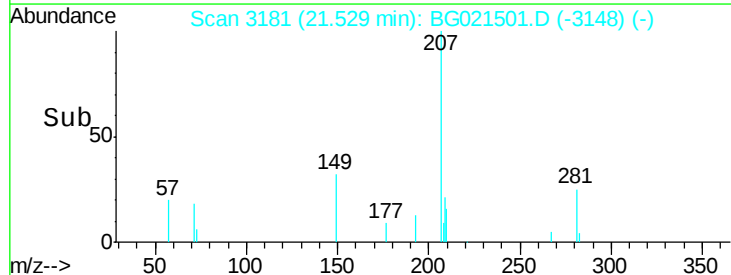
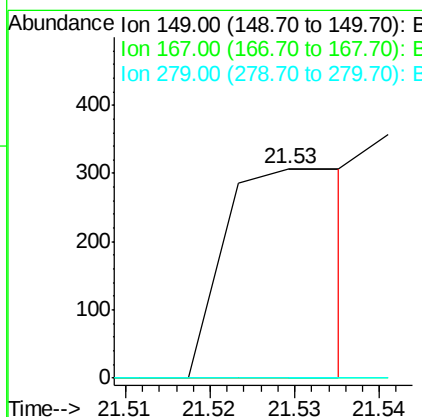
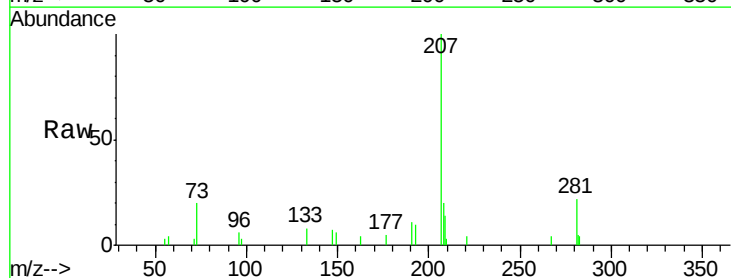
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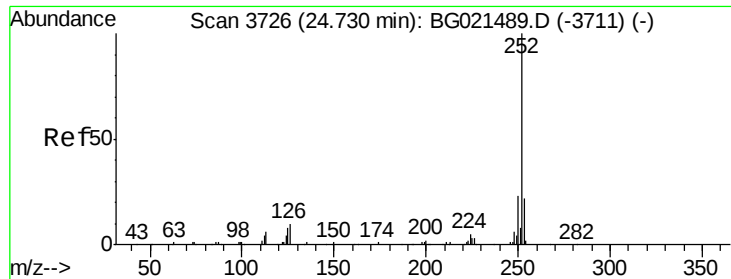
Tgt Ion:149 Resp: 3283
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 10.3 5.4 8.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.82 ng/ul
 RT: 21.53 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG021501.D
 Acq: 25 Mar 2016 1:41

Tgt Ion:149 Resp: 317
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.5 30.7#
 279 0.0 3.7 5.5#





#91

Benzo(a)pyrene

Concen: 5.44 ng/ul

RT: 24.66 min Scan# 3714

Delta R.T. -0.07 min

Lab File: BG021501.D

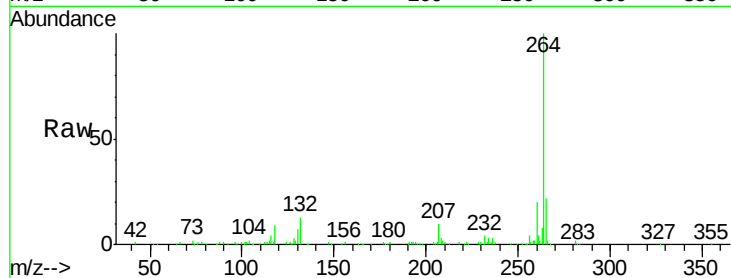
Acq: 25 Mar 2016 1:41

Instrument :

BNA_G

ClientSampleId :

A4T53



Tgt Ion:	252	Resp:	444
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	8.2	12.2#

