

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025241.D
 Acq On : 16 Dec 2016 10:20
 Operator : UM/SJ
 Sample : H5995-03 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA864

Quant Time: Dec 16 13:38:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	78571	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	349743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	252178	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	487452	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	580702	20.00	ng/ul	0.01
83) Perylene-d12	25.34	264	559212	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	863	0.57	ng/uL	0.00
5) Phenol-d5	7.39	99	25063	3.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	15111	3.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	18114	3.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	21514	3.80	ng/ul	0.02
19) Nitrobenzene-d5	9.41	128	9329	3.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	11647	3.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	21727	3.66	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	19706	3.38	ng/ul	0.03
43) Dimethylphthalate-d6	14.25	166	72089	4.16	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	87470	4.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	3255	1.09	ng/ul	0.00
57) Fluorene-d10	15.85	176	79105	4.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	12395	4.11	ng/ul	0.01
70) Anthracene-d10	17.70	188	94337	4.59	ng/ul	0.00
76) Pyrene-d10	19.98	212	114763	4.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	100760	4.45	ng/ul	0.02

Target Compounds

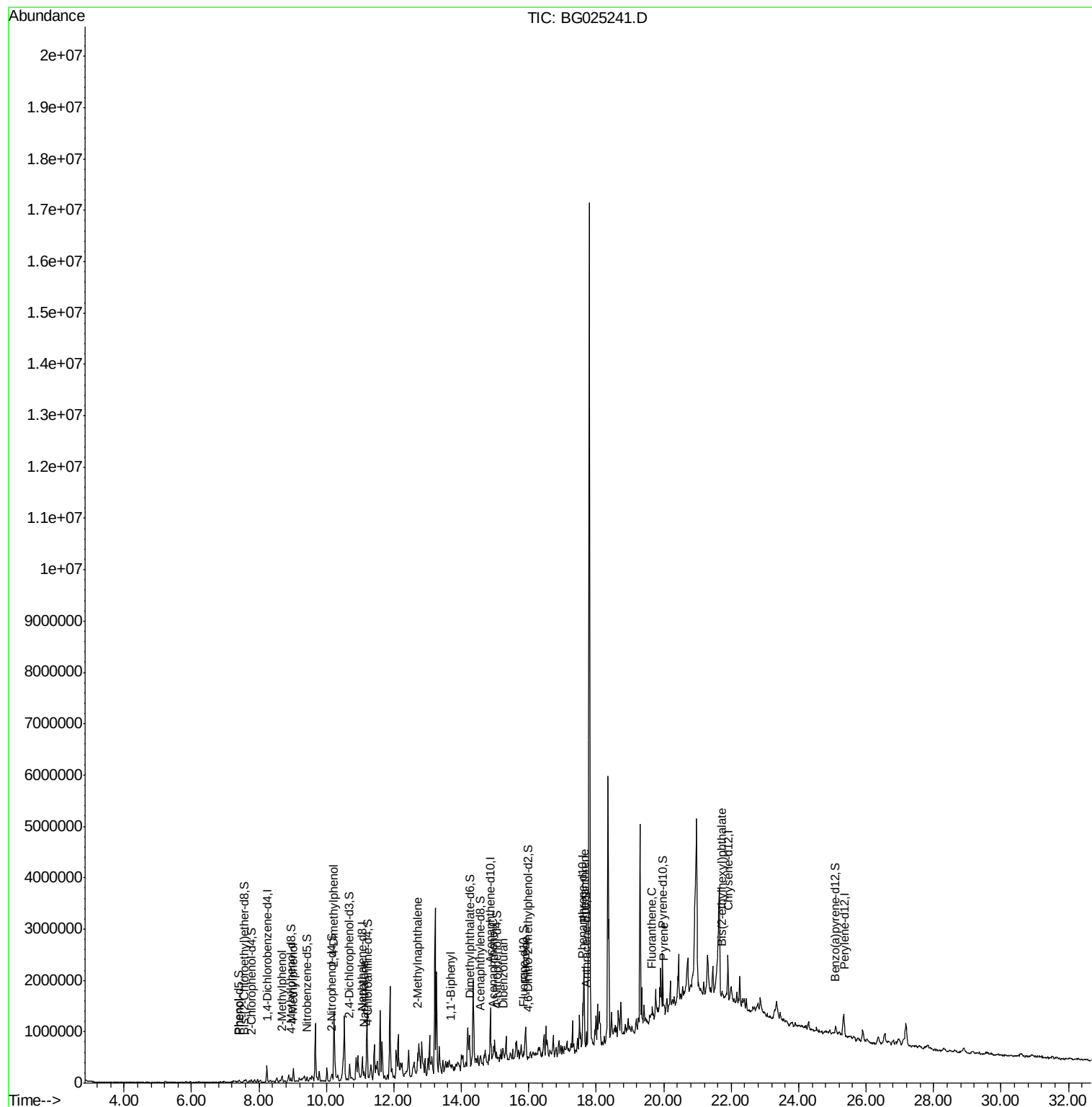
						Ovalue
6) Phenol	7.42	94	18083	2.60	ng/ul	96
11) 2-Methylphenol	8.68	108	34012	6.64	ng/ul	97
16) 4-Methylphenol	9.02	108	88450	15.52	ng/ul	82
24) 2,4-Dimethylphenol	10.22	107	588325	82.14	ng/ul	95
28) Naphthalene	11.11	128	97435	5.99	ng/ul#	94
34) 2-Methylnaphthalene	12.70	142	175843	13.71	ng/ul	98
40) 1,1'-Biphenyl	13.70	154	49322	3.23	ng/ul	99
49) Acenaphthene	14.92	153	17427	1.38	ng/ul#	71
53) Dibenzofuran	15.26	168	70721	3.53	ng/ul	94
58) Fluorene	15.90	166	100706	6.18	ng/ul	95
69) Phenanthrene	17.64	178	141179	6.07	ng/ul#	41
74) Fluoranthene	19.64	202	38086	1.38	ng/ul#	95
77) Pyrene	20.01	202	54545	1.95	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.72	149	45798	3.04	ng/ul#	84

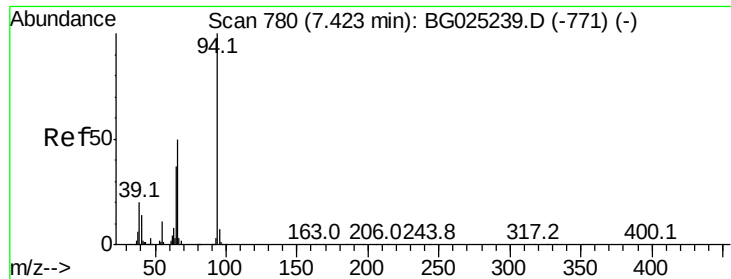
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.60 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

Instrument :

BNA_G

ClientSampleId :

DA864

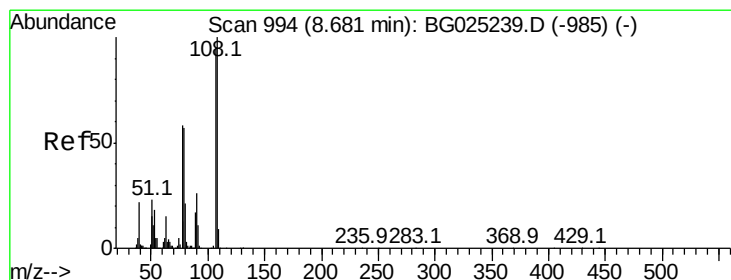
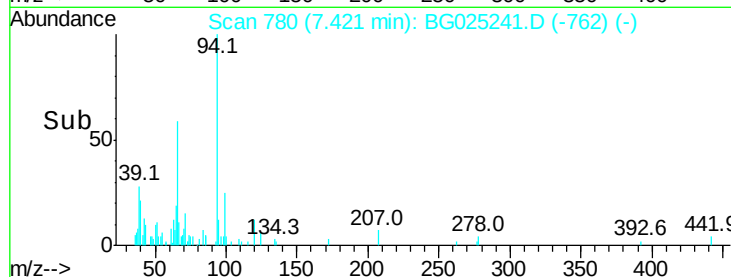
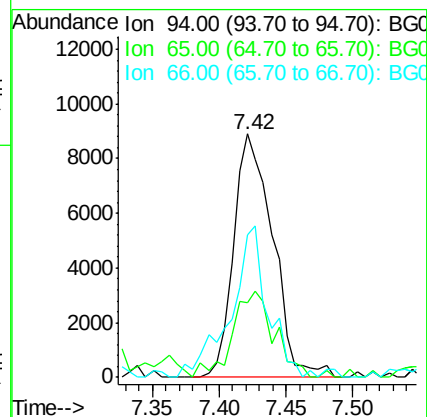
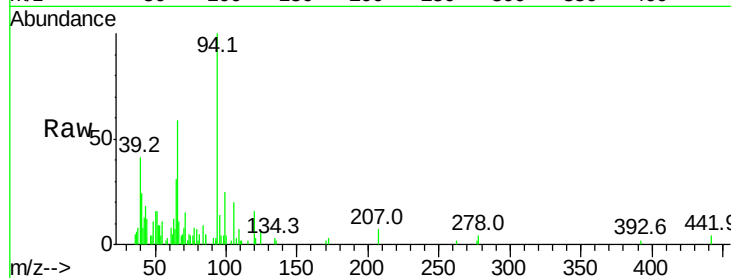
Tot Ion: 94 Resp: 18083

Ion Ratio Lower Upper

94 100

65 30.9 26.8 40.2

66 58.7 44.4 66.6



#11

2-Methylphenol

Concen: 6.64 ng/ul

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG025241.D

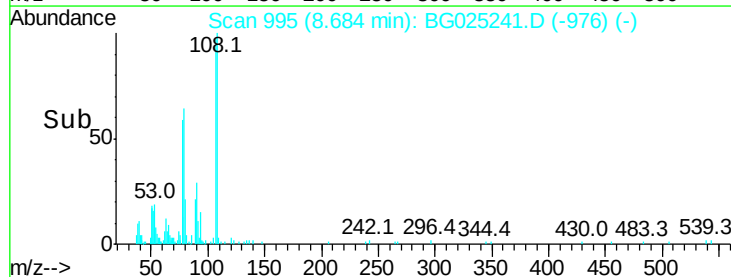
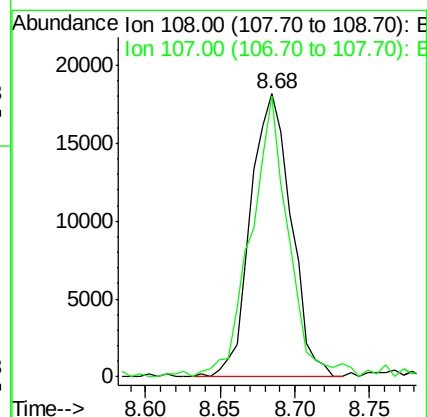
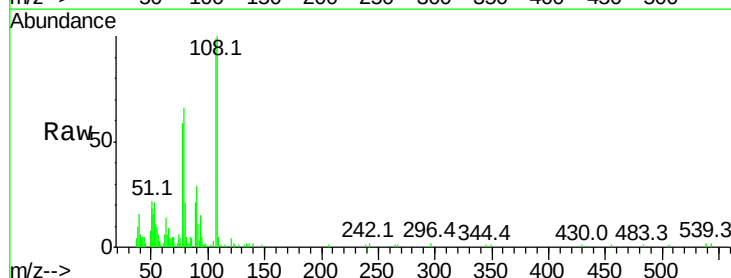
Acq: 16 Dec 2016 10:20

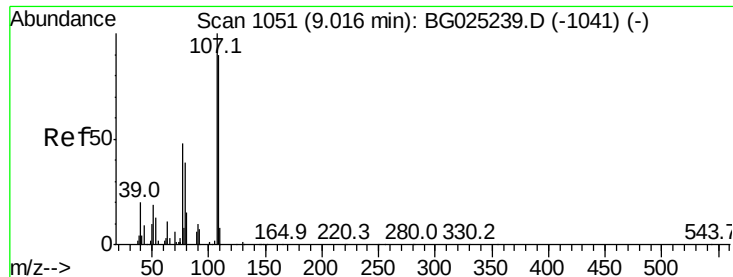
Tgt Ion: 108 Resp: 34012

Ion Ratio Lower Upper

108 100

107 99.3 76.7 115.1

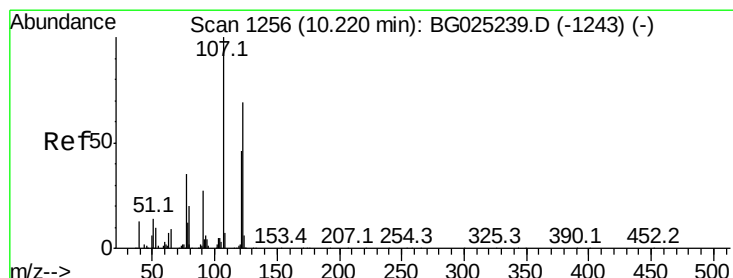
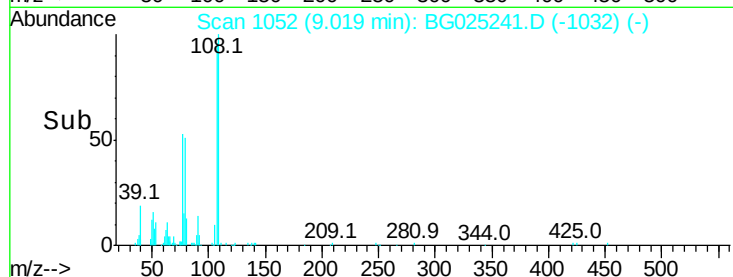
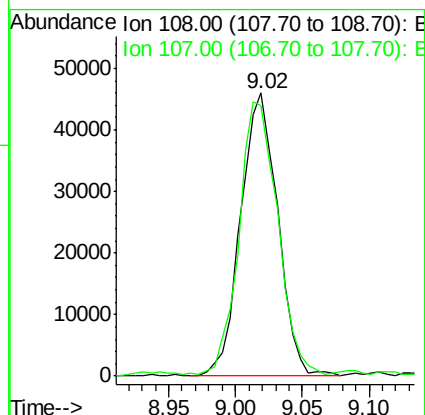
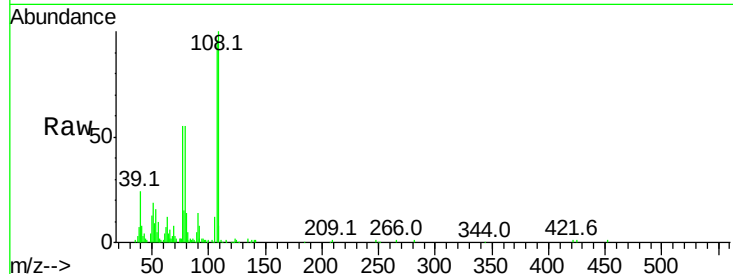




#16
4-Methylphenol
Concen: 15.52 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.02 min
Lab File: BG025241.D
Acq: 16 Dec 2016 10:20

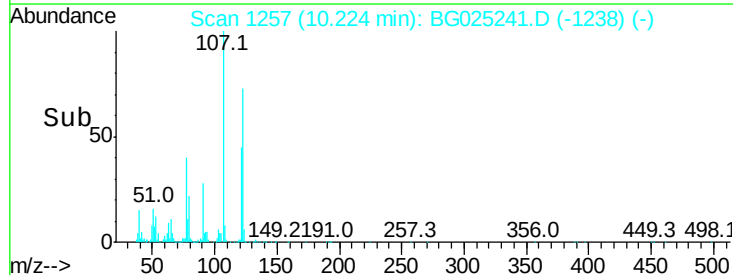
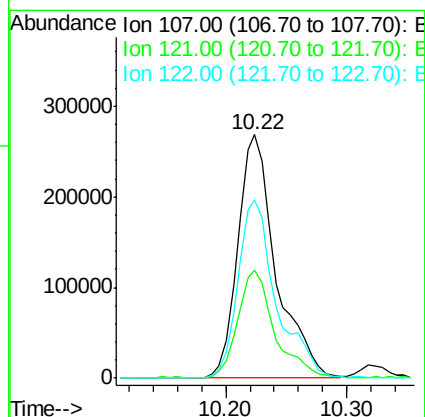
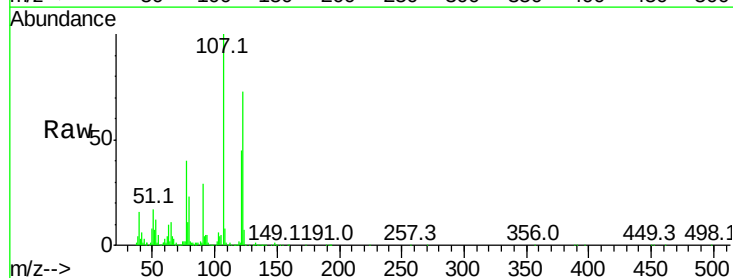
Instrument :
BNA_G
ClientSampleId :
DA864

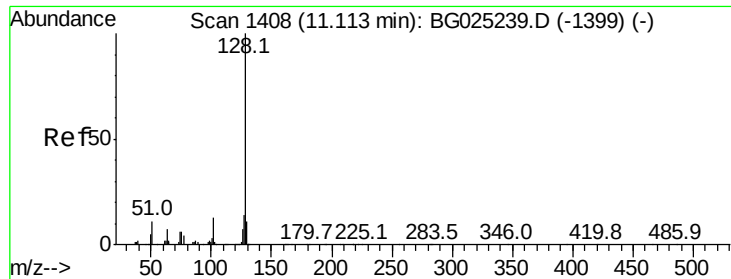
Tot Ion:108 Resp: 88450
Ion Ratio Lower Upper
108 100
107 95.6 91.7 137.5



#24
2,4-Dimethylphenol
Concen: 82.14 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025241.D
Acq: 16 Dec 2016 10:20

Tgt Ion:107 Resp: 588325
Ion Ratio Lower Upper
107 100
121 44.6 32.3 48.5
122 73.1 61.2 91.8





#28

Naphthalene

Concen: 5.99 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

Instrument :

BNA_G

ClientSampleId :

DA864

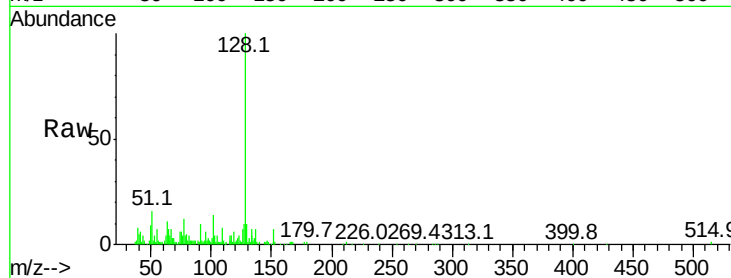
Tot Ion:128 Resp: 97435

Ion Ratio Lower Upper

128 100

129 9.6 9.4 14.2

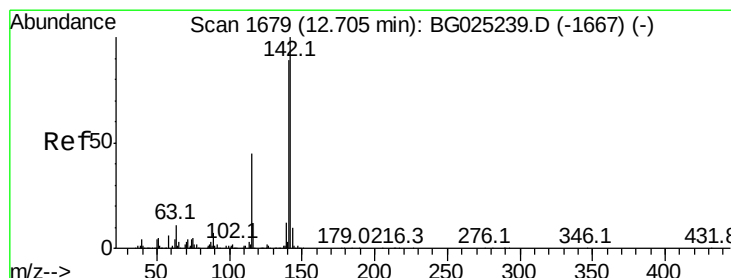
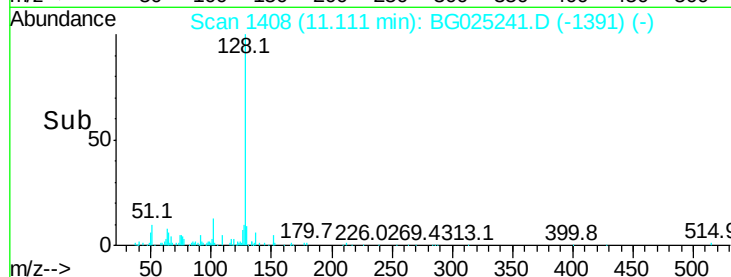
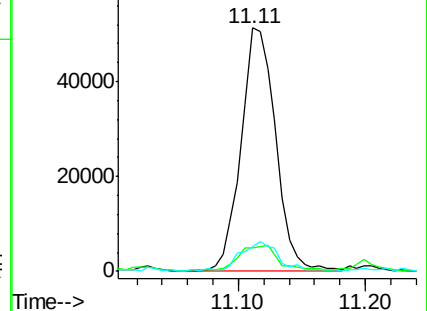
127 10.1 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 13.71 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BG025241.D

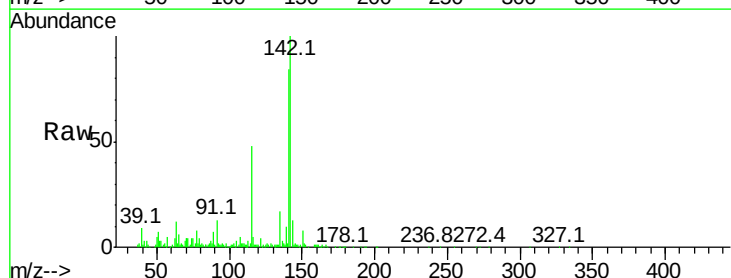
Acq: 16 Dec 2016 10:20

Tgt Ion:142 Resp: 175843

Ion Ratio Lower Upper

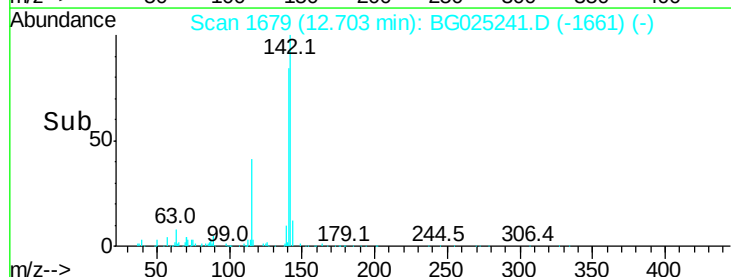
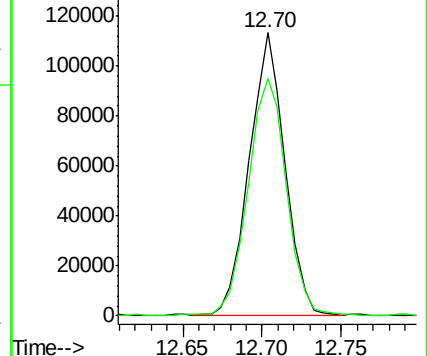
142 100

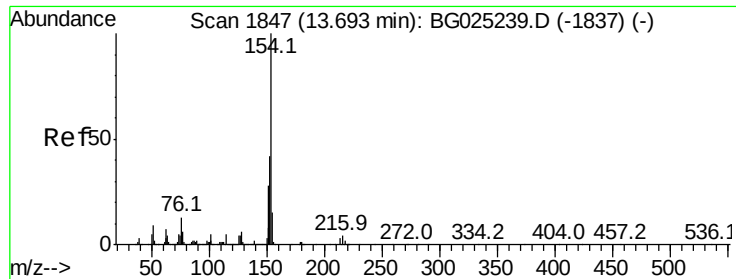
141 84.0 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 3.23 ng/ul

RT: 13.70 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

Instrument :

BNA_G

ClientSampleId :

DA864

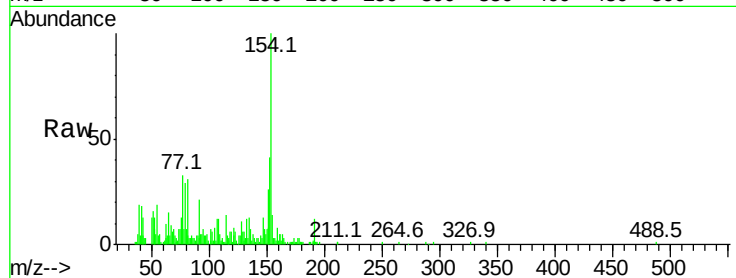
Tot Ion:154 Resp: 49322

Ion Ratio Lower Upper

154 100

153 40.5 32.2 48.2

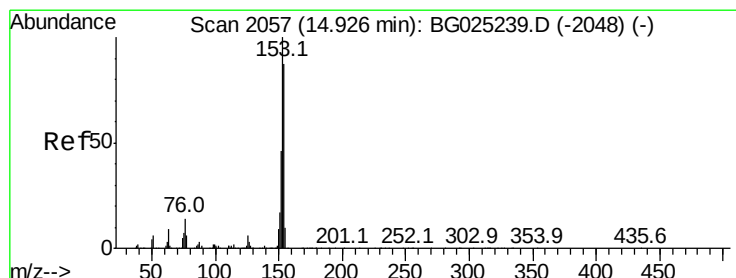
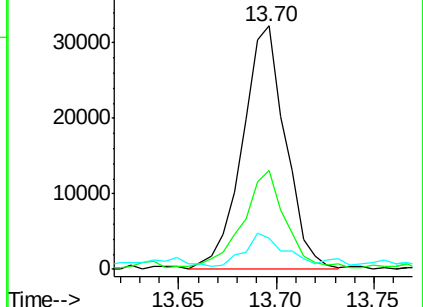
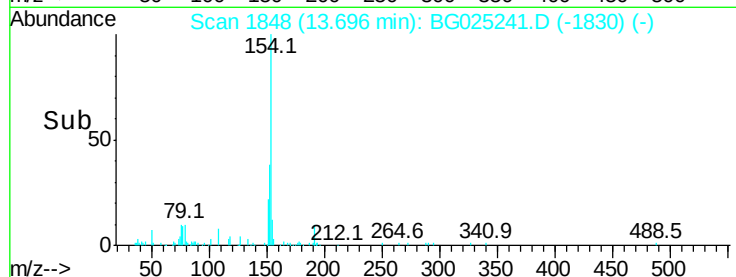
76 13.0 9.6 14.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#49

Acenaphthene

Concen: 1.38 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

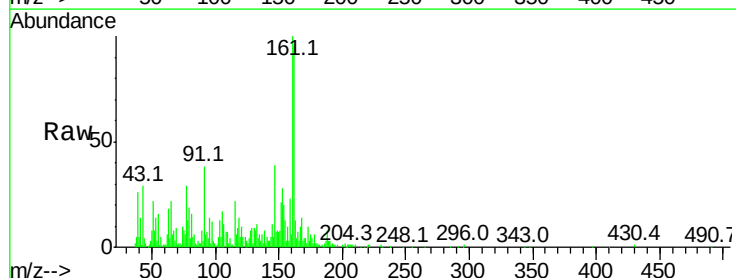
Tgt Ion:153 Resp: 17427

Ion Ratio Lower Upper

153 100

152 75.4 36.5 54.7#

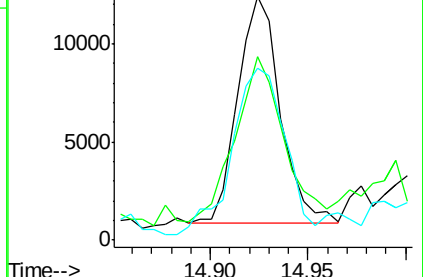
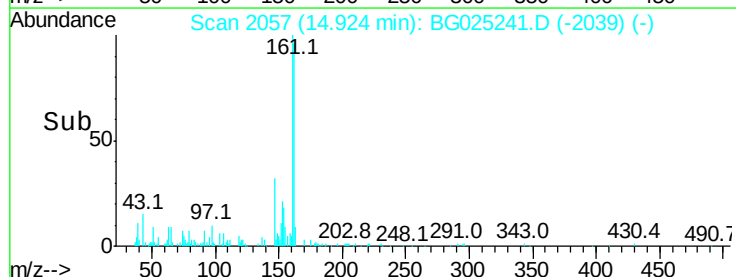
154 70.8 72.3 108.5#

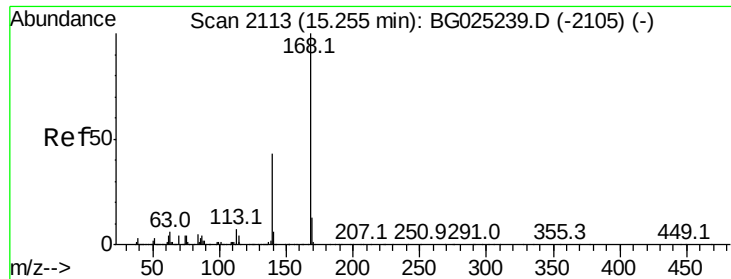


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 3.53 ng/ul

RT: 15.26 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

Instrument :

BNA_G

ClientSampleId :

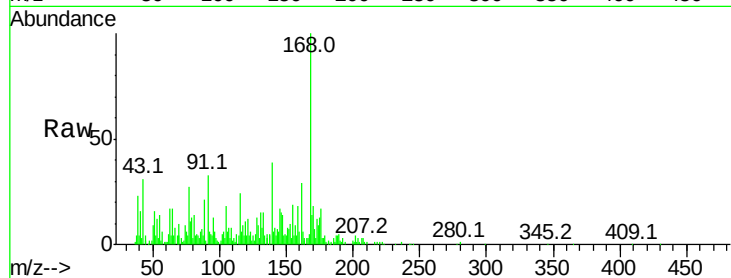
DA864

Tot Ion:168 Resp: 70721

Ion Ratio Lower Upper

168 100

139 38.5 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.26

50000

40000

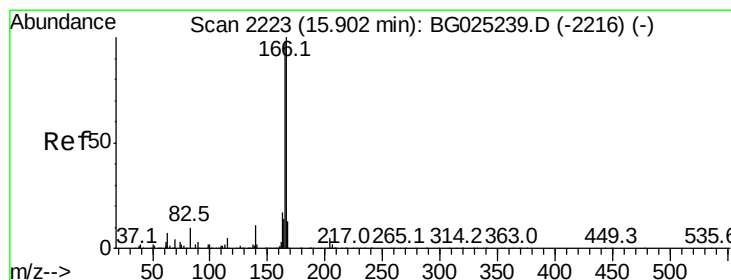
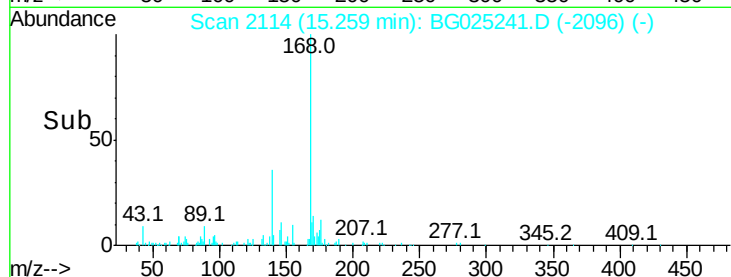
30000

20000

10000

0

Time-->



#58

Fluorene

Concen: 6.18 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

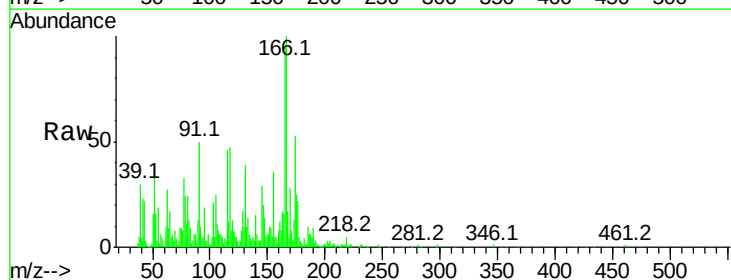
Tgt Ion:166 Resp: 100706

Ion Ratio Lower Upper

166 100

165 94.5 79.7 119.5

167 17.1 11.4 17.2



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

15.90

80000

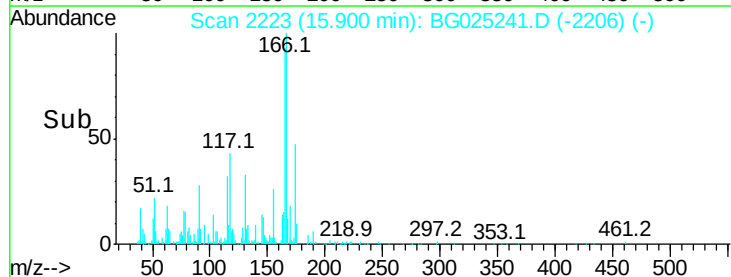
60000

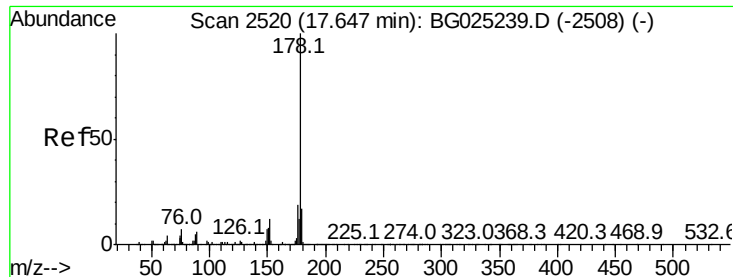
40000

20000

0

Time-->





#69

Phenanthrene

Concen: 6.07 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

Instrument :

BNA_G

ClientSampleId :

DA864

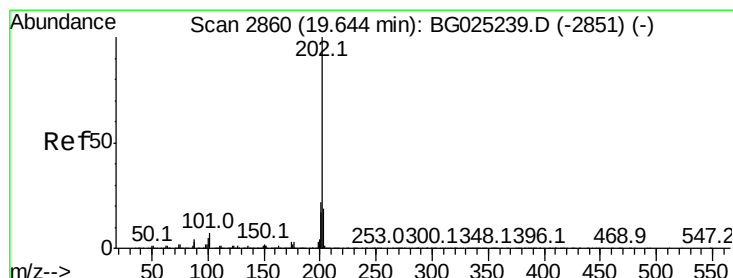
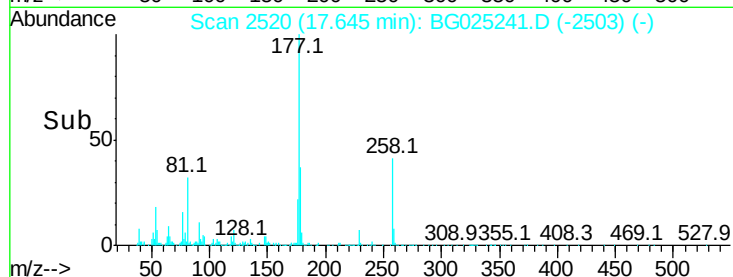
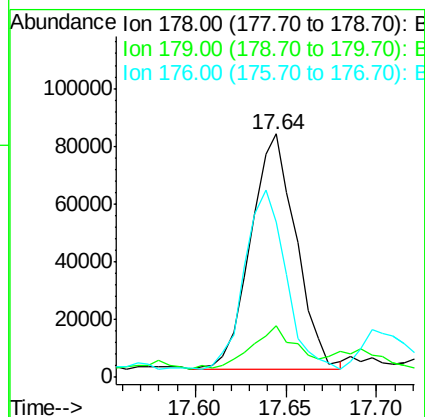
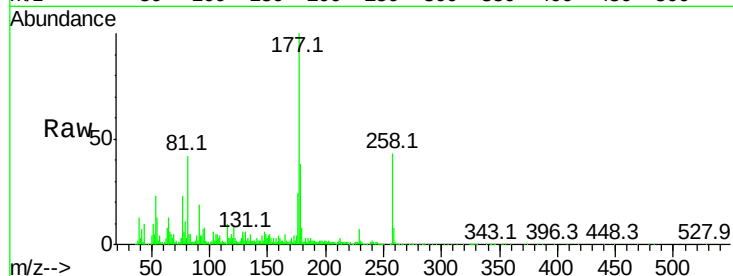
Tot Ion:178 Resp: 141179

Ion Ratio Lower Upper

178 100

179 21.3 12.4 18.6#

176 63.6 16.5 24.7#



#74

Fluoranthene

Concen: 1.38 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

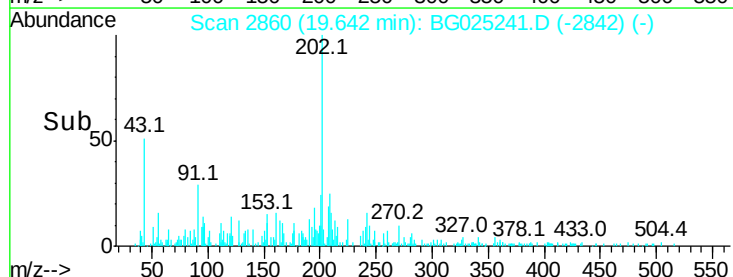
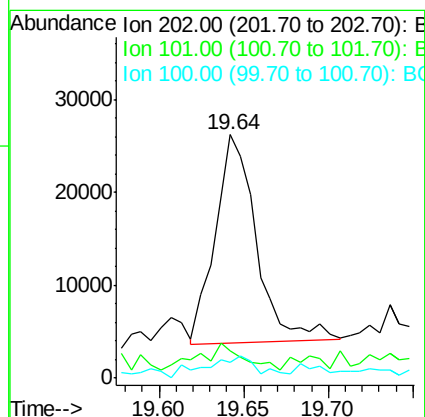
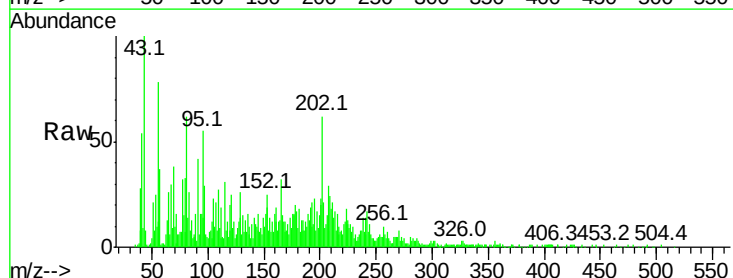
Tgt Ion:202 Resp: 38086

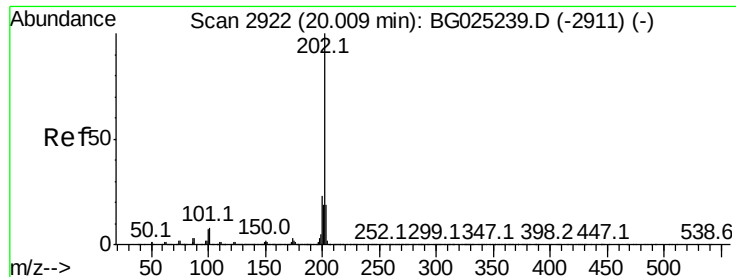
Ion Ratio Lower Upper

202 100

101 11.0 6.2 9.2#

100 6.3 5.2 7.8





#77

Pvrene

Concen: 1.95 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

Instrument :

BNA_G

ClientSampleId :

DA864

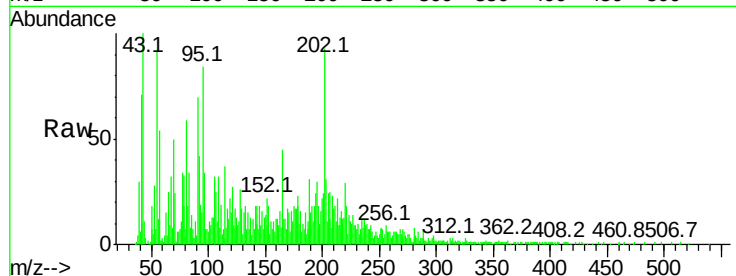
Tot Ion:202 Resp: 54545

Ion Ratio Lower Upper

202 100

101 12.1 6.9 10.3#

100 6.3 6.6 10.0#

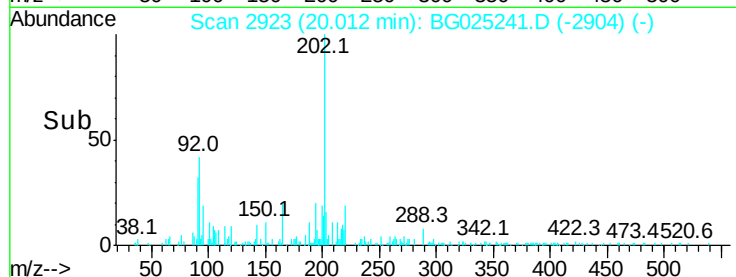
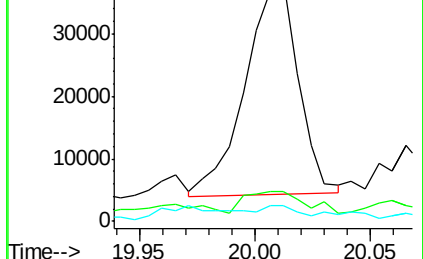


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.04 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.01 min

Lab File: BG025241.D

Acq: 16 Dec 2016 10:20

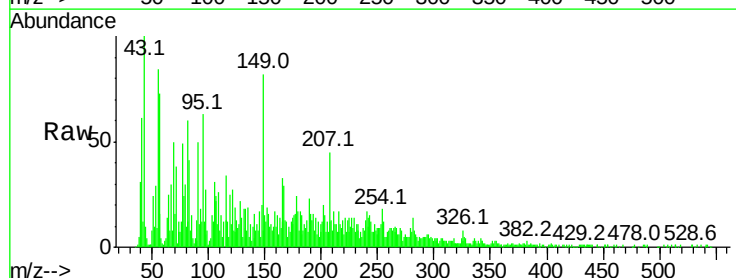
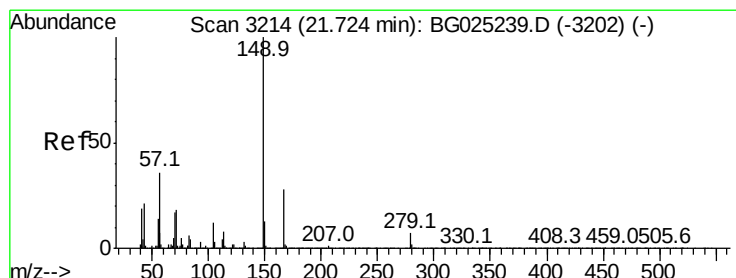
Tgt Ion:149 Resp: 45798

Ion Ratio Lower Upper

149 100

167 35.7 21.8 32.8#

279 11.1 4.5 6.7#



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

Time-->

