

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025214.D
 Acq On : 15 Dec 2016 16:40
 Operator : UM/SJ
 Sample : H5995-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA868

Manual Integrations
 APPROVED

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 12/16/2016 6:21:16 PM

Quant Time: Dec 16 05:53:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:23:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	65922	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	297521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	237103	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	509155	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	652632	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	631821	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	4914	3.85	ng/uL	0.00
5) Phenol-d5	7.38	99	118018	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	77084	21.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	84160	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	97341	20.48	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	43462	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	54702	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	101677	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	145274m	29.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	344228	21.11	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	405354	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	53732	19.17	ng/ul	0.00
57) Fluorene-d10	15.84	176	313107	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	61892	19.66	ng/ul	0.00
70) Anthracene-d10	17.70	188	489613	22.78	ng/ul	0.00
76) Pyrene-d10	19.97	212	626483	23.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	607277	23.72	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	23423	4.01	ng/ul#	86
28) Naphthalene	11.11	128	53261	3.85	ng/ul#	86
34) 2-Methylnaphthalene	12.70	142	71837	6.58	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	84836	5.90	ng/ul	95
44) Dimethylphthalate	14.30	163	33578	2.09	ng/ul#	95
49) Acenaphthene	14.92	153	18560	1.56	ng/ul#	84
53) Dibenzofuran	15.25	168	33453	1.78	ng/ul	88
58) Fluorene	15.90	166	46283	3.02	ng/ul#	94
69) Phenanthrene	17.64	178	27717	1.14	ng/ul#	92

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

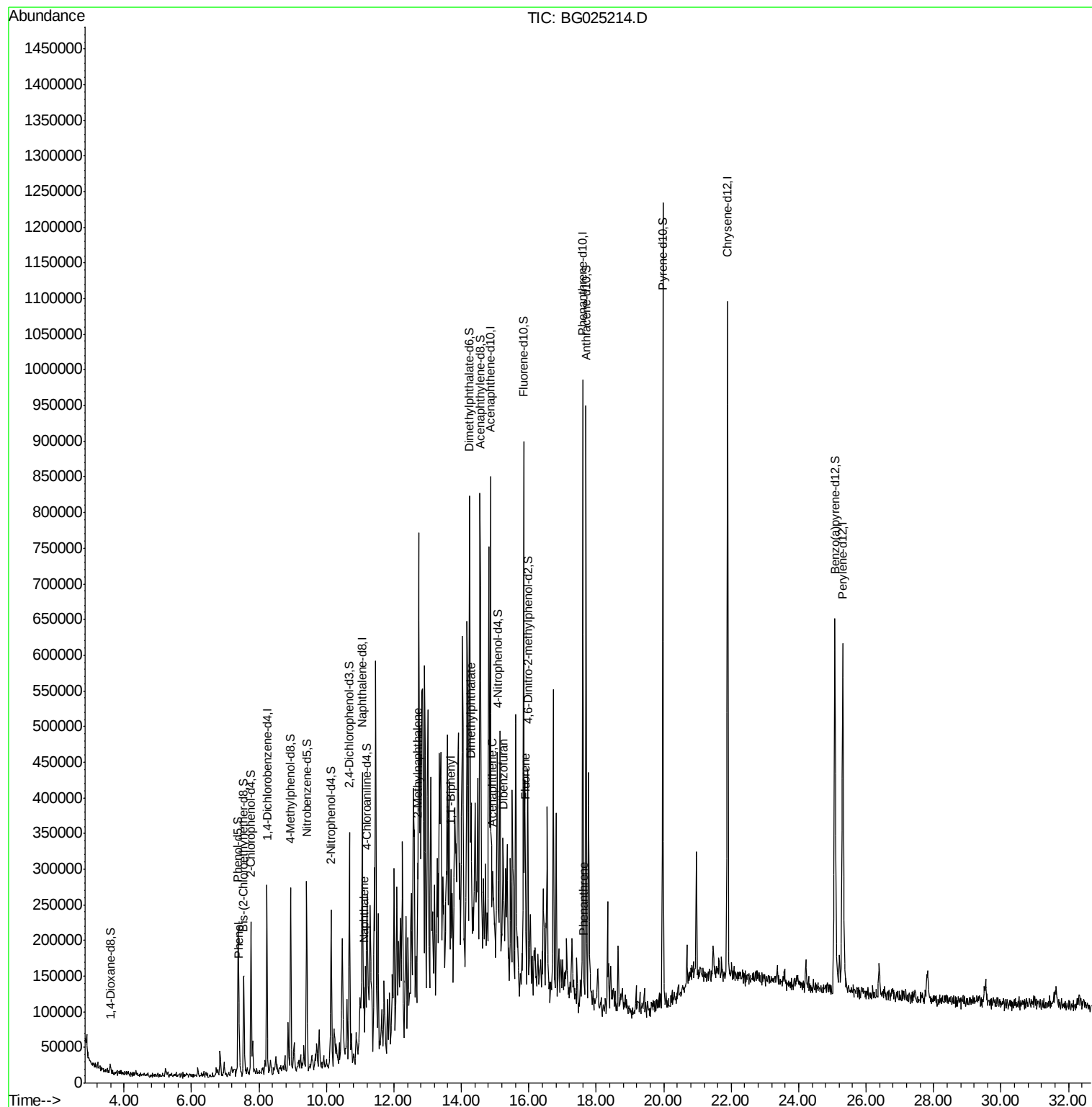
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Operator : UM/SJ
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ALS Vial : 6 Sample Multiplier: 1

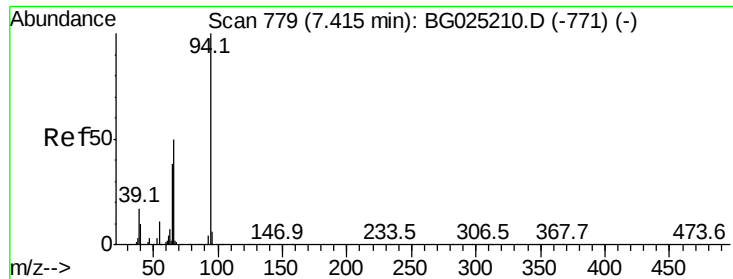
Instrument :
BNA_G
ClientSampleId :
DA868

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:23:37 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.01 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

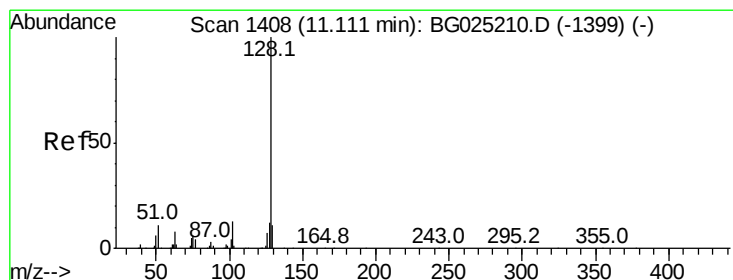
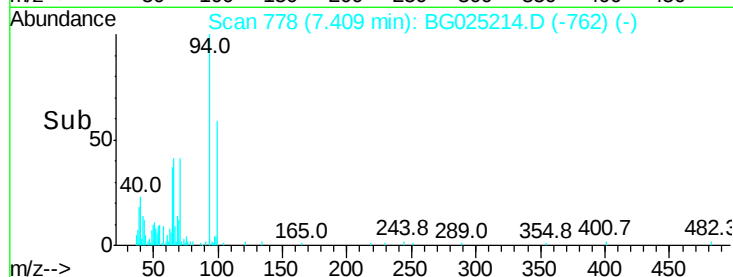
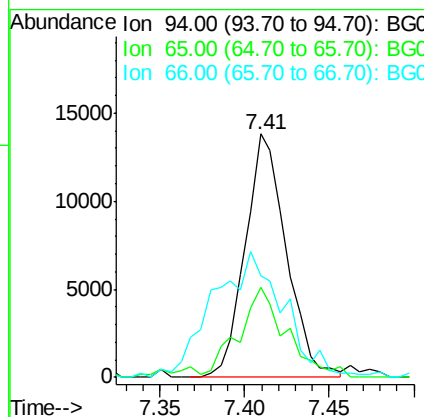
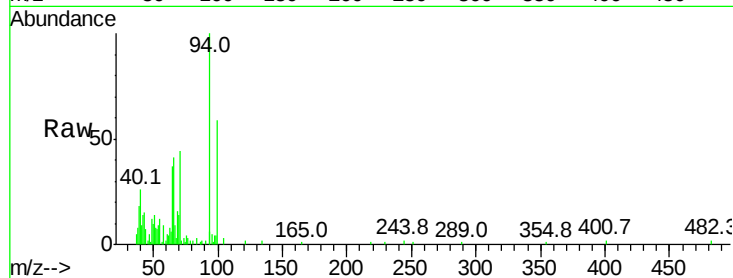
ClientSampleId :

DA868

Tot Ion:	94	Resp:	23423
Ion Ratio	Lower	Upper	
94	100		
65	37.1	26.8	40.2
66	41.5	44.4	66.6#

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#28

Naphthalene

Concen: 3.85 ng/ul

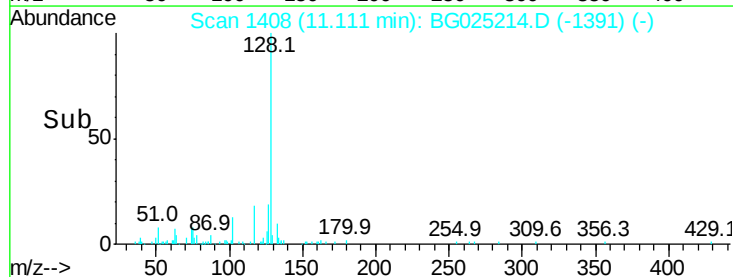
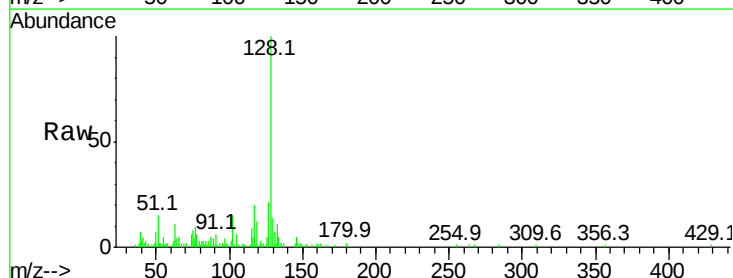
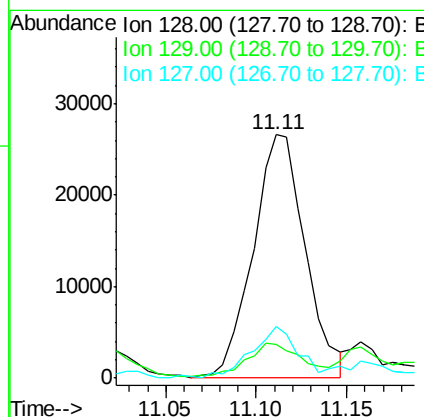
RT: 11.11 min Scan# 1408

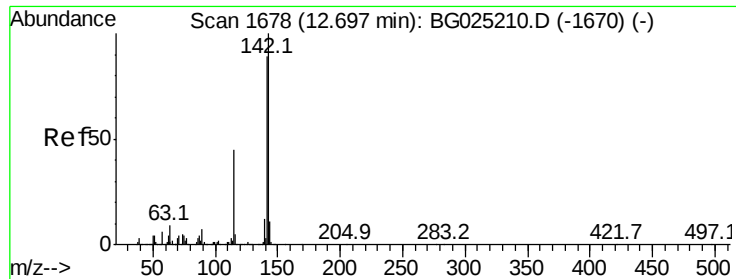
Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Tgt Ion:	128	Resp:	53261
Ion Ratio	Lower	Upper	
128	100		
129	14.0	9.4	14.2
127	21.2	10.3	15.5#





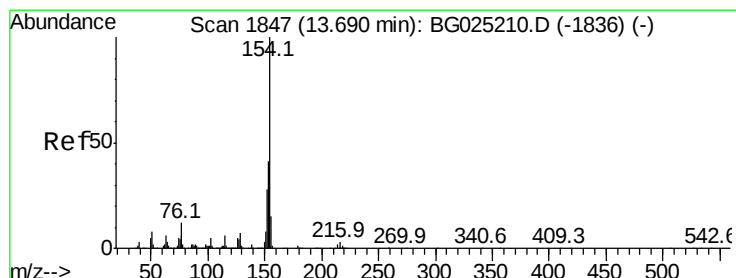
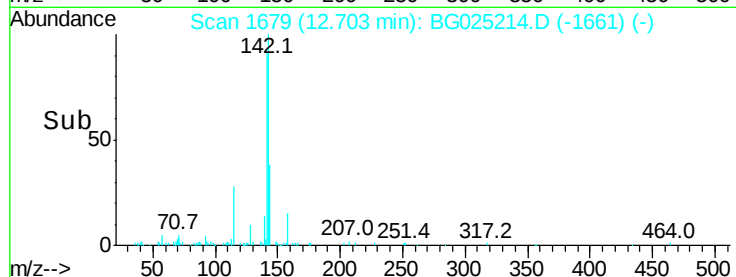
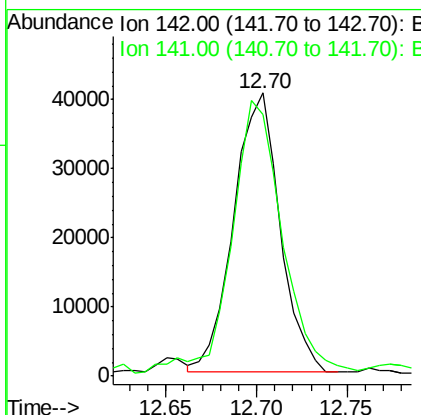
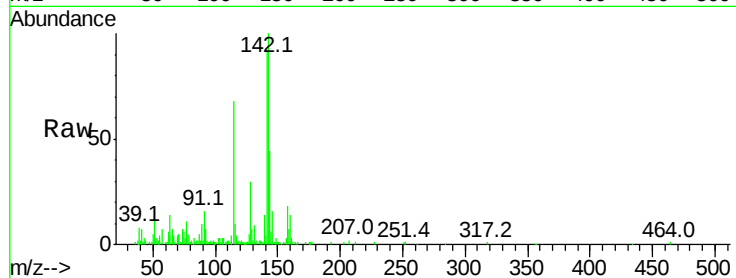
#34
 2-Methylnaphthalene
 Concen: 6.58 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BG025214.D
 Acq: 15 Dec 2016 16:40

Instrument :
 BNA_G
 ClientSampleId :
 DA868

Tot Ion:142 Resp: 71837
 Ion Ratio Lower Upper
 142 100
 141 92.2 68.6 102.8

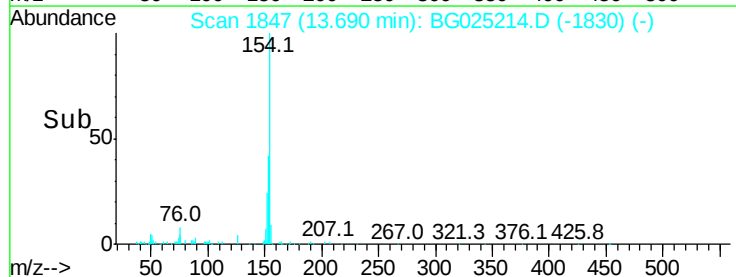
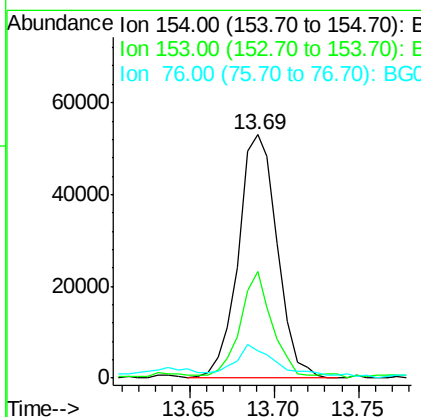
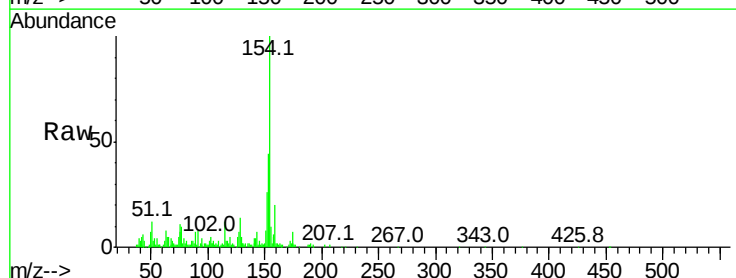
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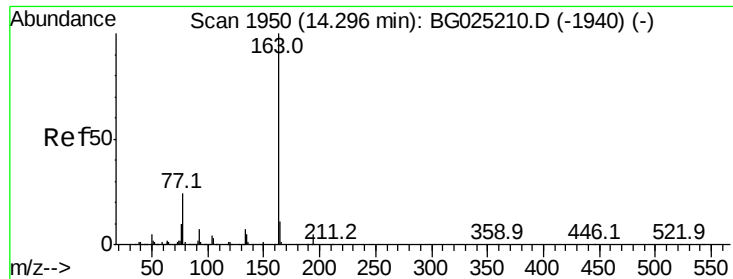
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#40
 1,1'-Biphenyl
 Concen: 5.90 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG025214.D
 Acq: 15 Dec 2016 16:40

Tgt Ion:154 Resp: 84836
 Ion Ratio Lower Upper
 154 100
 153 44.0 32.2 48.2
 76 11.4 9.6 14.4





#44

Dimethylphthalate

Concen: 2.09 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

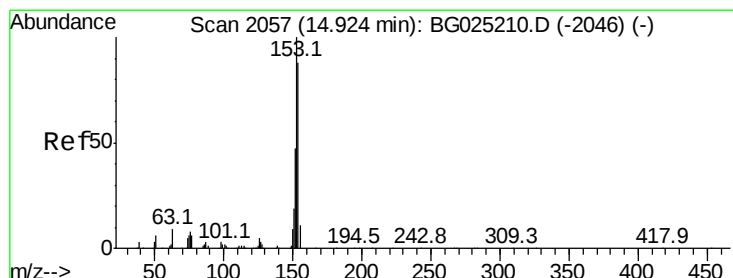
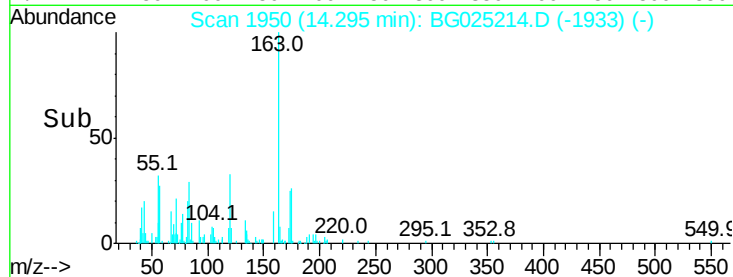
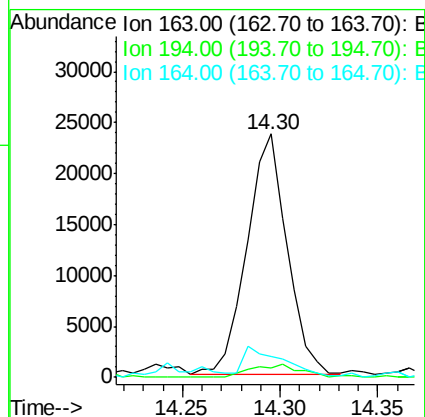
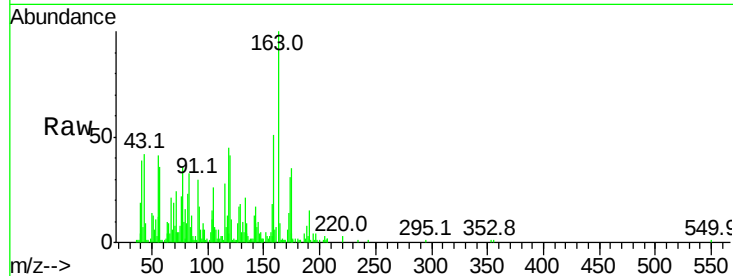
ClientSampleId :

DA868

Tot Ion:	163	Resp:	33578
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	8.7	9.0	13.4#

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#49

Acenaphthene

Concen: 1.56 ng/ul

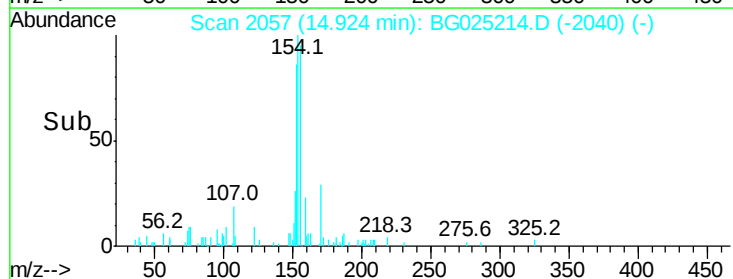
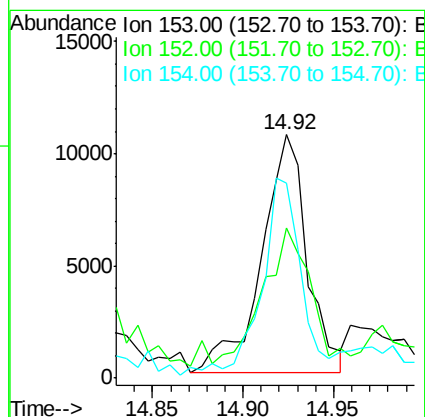
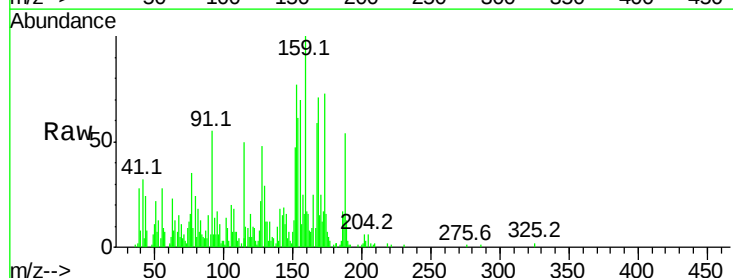
RT: 14.92 min Scan# 2057

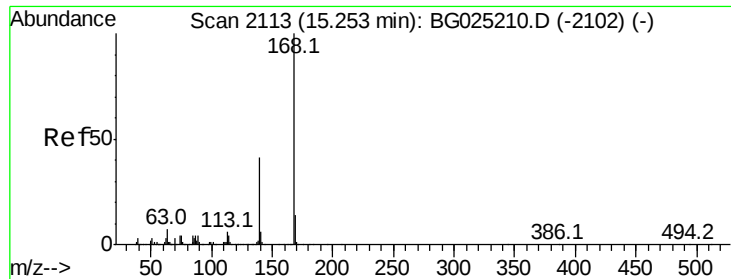
Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Tgt Ion:	153	Resp:	18560
Ion Ratio	Lower	Upper	
153	100		
152	61.8	36.5	54.7#
154	79.9	72.3	108.5





#53

Dibenzenofuran

Concen: 1.78 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :

DA868

Tot Ion:168 Resp: 33453

Ion Ratio Lower Upper

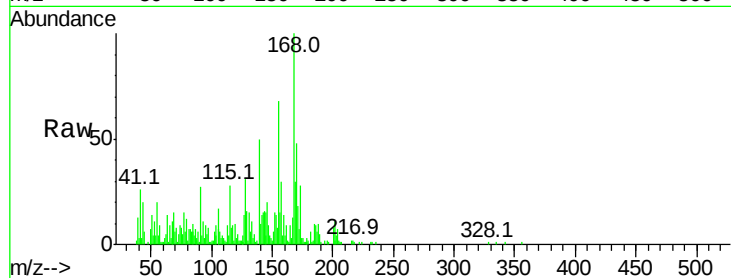
168 100

139 50.0 33.8 50.8

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

20000

15000

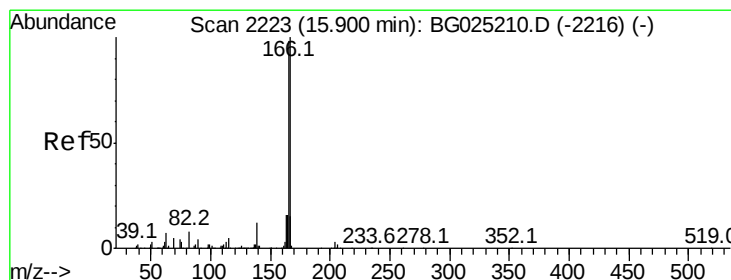
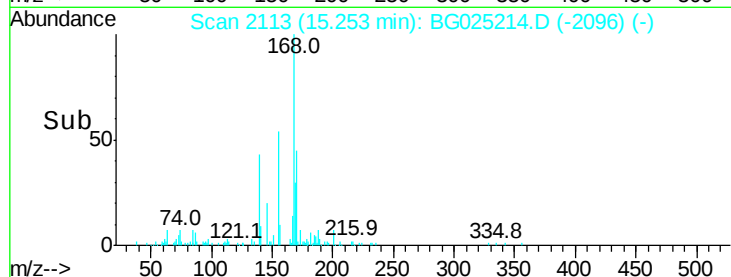
10000

5000

0

15.20 15.25 15.30

Time-->



#58

Fluorene

Concen: 3.02 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

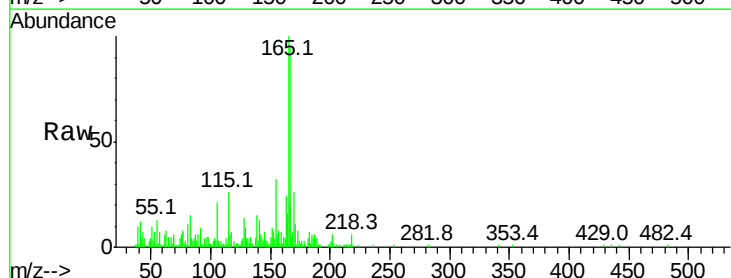
Tgt Ion:166 Resp: 46283

Ion Ratio Lower Upper

166 100

165 104.7 79.7 119.5

167 20.5 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

40000

30000

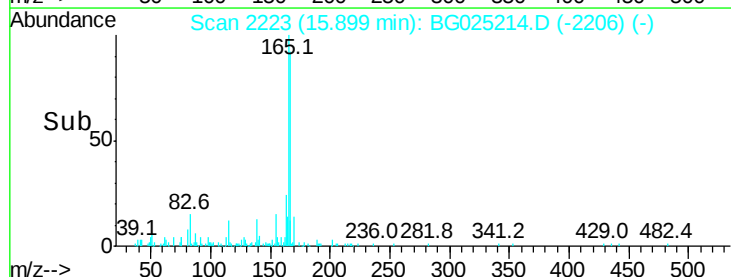
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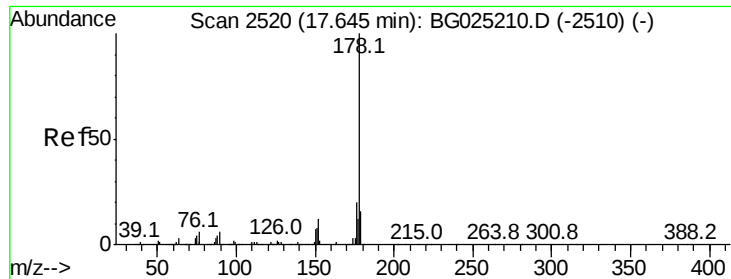
10000

0

15.85 15.90 15.95

Time-->





#69

Phenanthrene

Concen: 1.14 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :

DA868

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.8	12.4	18.6#
176	19.8	16.5	24.7

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