

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025671.D
 Acq On : 26 Jan 2017 17:55
 Operator : SJ/MA
 Sample : I1387-07DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA9R3DL

Manual Integrations
 APPROVED

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Quant Time: Jan 27 12:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 03:32:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	64513	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	306375	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	250674	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	528577	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	648509	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	651743	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	278	0.22	ng/uL	0.00
5) Phenol-d5	7.37	99	1558	0.28	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.50	67	11615	3.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	9831	2.52	ng/ul	0.02
13) 4-Methylphenol-d8	8.92	113	6456	1.37	ng/ul	0.02
19) Nitrobenzene-d5	9.38	128	6608	3.04	ng/ul	0.02
22) 2-Nitrophenol-d4	10.09	143	10067	3.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	14496	2.84	ng/ul	0.02
29) 4-Chloroaniline-d4	11.17	131	68	0.01	ng/ul	0.02
43) Dimethylphthalate-d6	14.20	166	62651	3.54	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	75103	3.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	513	0.21	ng/ul	-0.03
57) Fluorene-d10	15.79	176	60619	3.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	93951m	4.17	ng/ul	0.00
76) Pyrene-d10	19.93	212	108657	4.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	103613	3.78	ng/ul	0.00

Target Compounds

						Qvalue
21) Isophorone	9.92	82	15239	1.17	ng/ul#	78
28) Naphthalene	11.05	128	453187	32.04	ng/ul	99
34) 2-Methylnaphthalene	12.65	142	55460	4.80	ng/ul	91
40) 1,1'-Biphenyl	13.64	154	15907	1.02	ng/ul#	82
53) Dibenzofuran	15.21	168	54514	2.67	ng/ul	93
68) Pentachlorophenol	17.22	266	2499246	861.87	ng/ul	92
69) Phenanthrene	17.60	178	49354	1.92	ng/ul	94
72) Carbazole	17.97	167	59204	2.76	ng/ul	95

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

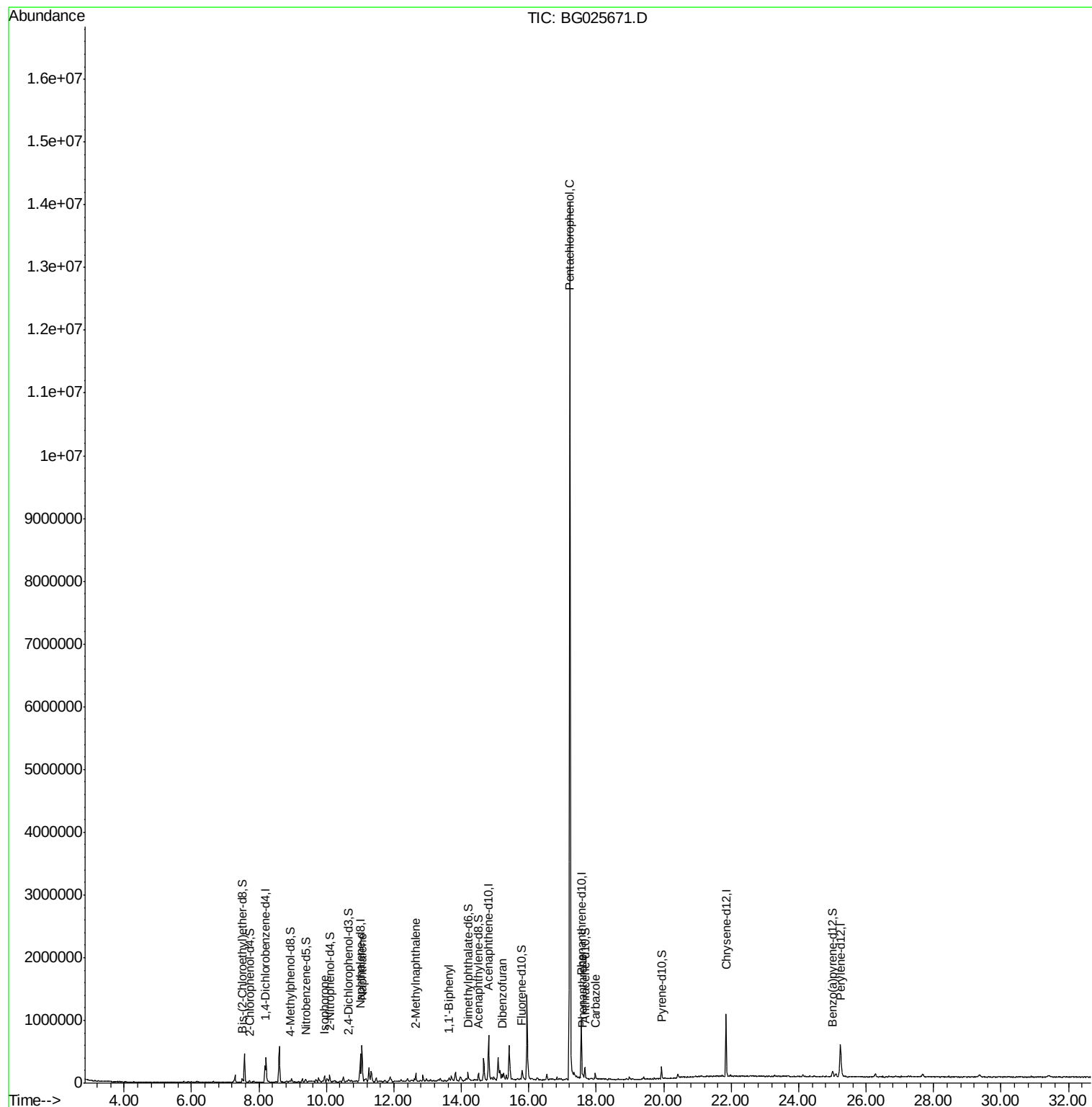
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
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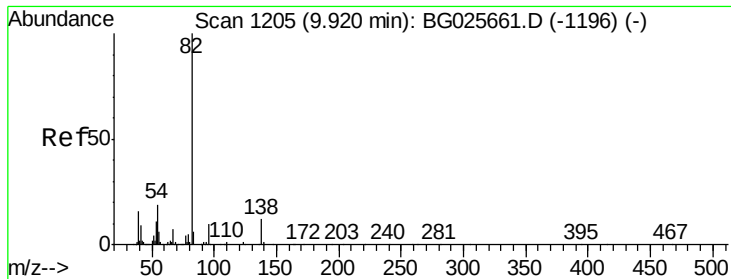
Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration





#21

Isophorone

Concen: 1.17 ng/ul

RT: 9.92 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BG025671.D

Acq: 26 Jan 2017 17:55

Instrument :

BNA_G

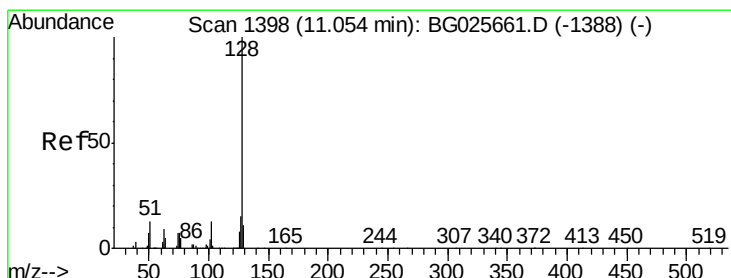
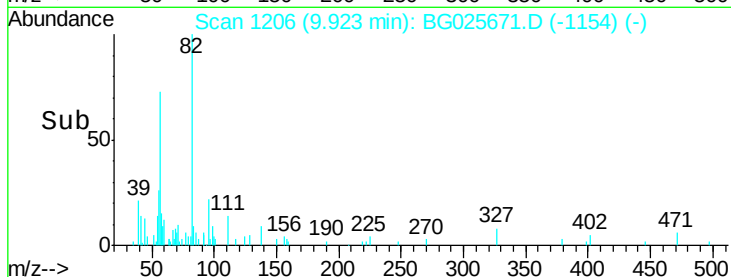
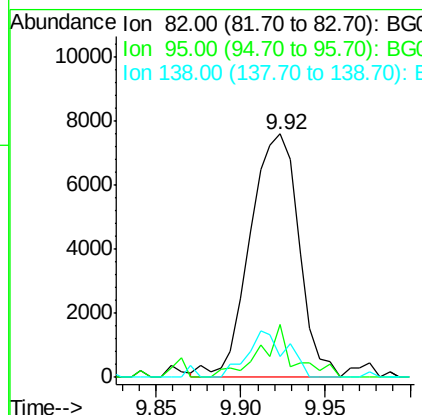
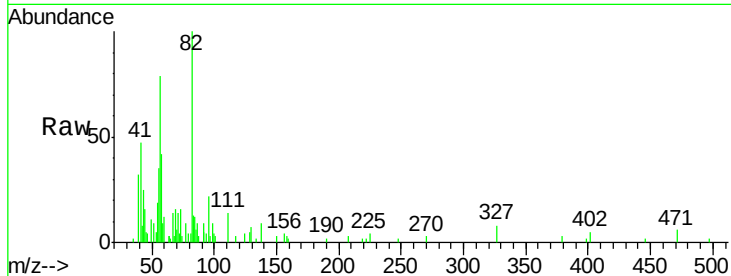
ClientSampleId :

DA9R3DL

Tgt Ion:	82	Resp:	15239
Ion Ratio		Lower	Upper
82	100		
95	21.7	7.8	11.6#
138	8.5	12.2	18.2#

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#28

Naphthalene

Concen: 32.04 ng/ul

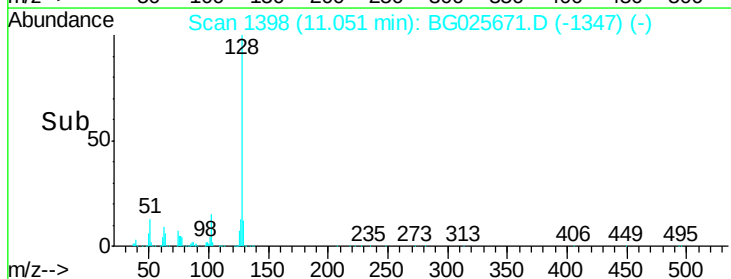
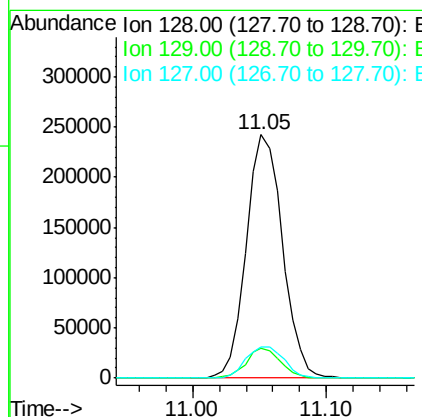
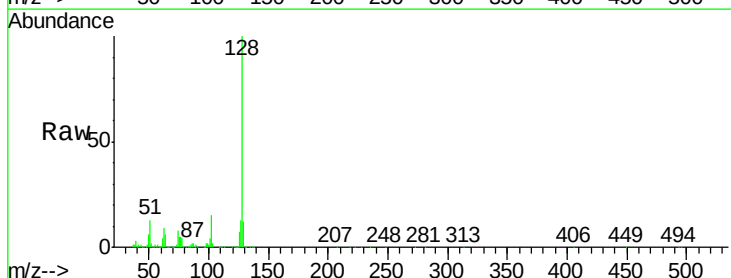
RT: 11.05 min Scan# 1398

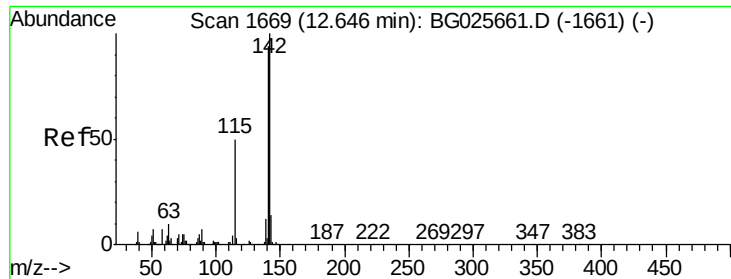
Delta R.T. -0.00 min

Lab File: BG025671.D

Acq: 26 Jan 2017 17:55

Tgt Ion:	128	Resp:	453187
Ion Ratio		Lower	Upper
128	100		
129	12.4	9.4	14.2
127	13.0	10.3	15.5





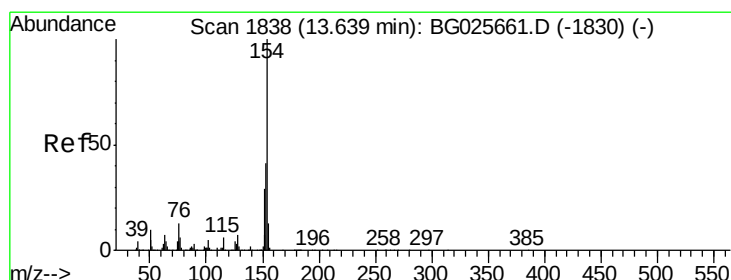
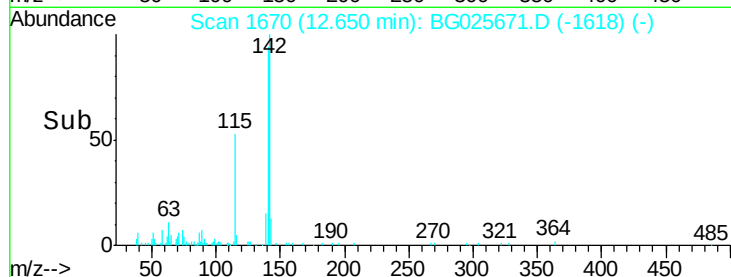
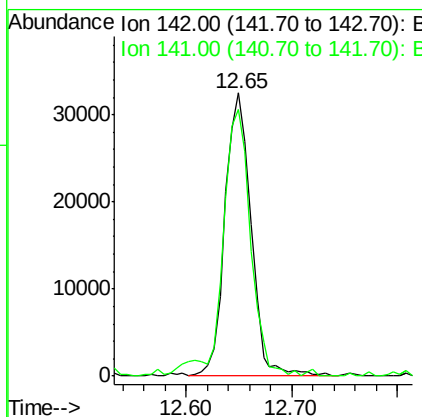
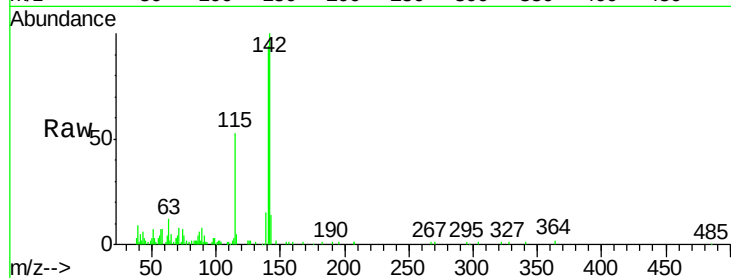
#34
 2-Methylnaphthalene
 Concen: 4.80 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG025671.D
 Acq: 26 Jan 2017 17:55

Instrument :
 BNA_G
 ClientSampleId :
 DA9R3DL

Tgt Ion:142 Resp: 55460
 Ion Ratio Lower Upper
 142 100
 141 94.2 68.6 102.8

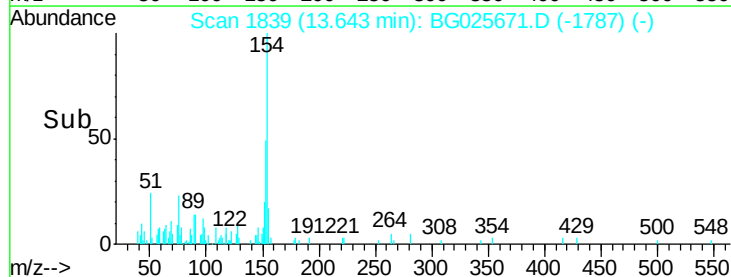
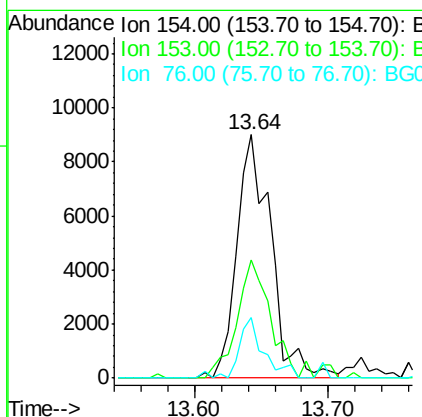
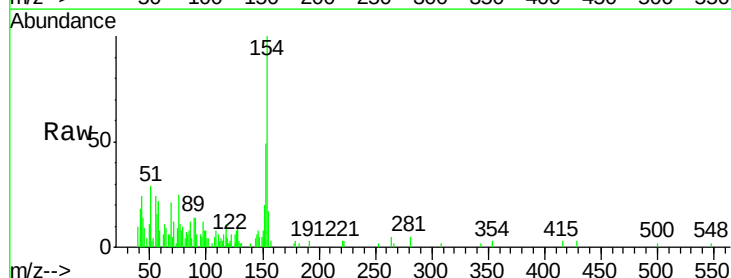
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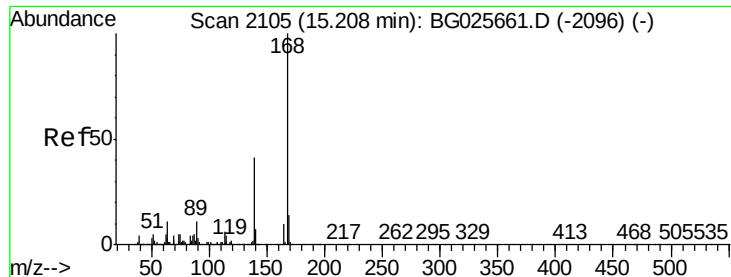
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#40
 1,1'-Biphenyl
 Concen: 1.02 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG025671.D
 Acq: 26 Jan 2017 17:55

Tgt Ion:154 Resp: 15907
 Ion Ratio Lower Upper
 154 100
 153 48.6 32.2 48.2#
 76 25.1 9.6 14.4#





#53

Dibenzenofuran

Concen: 2.67 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG025671.D

Acq: 26 Jan 2017 17:55

Instrument :

BNA_G

ClientSampleId :

DA9R3DL

Tgt Ion:168 Resp: 54514

Ion Ratio Lower Upper

168 100

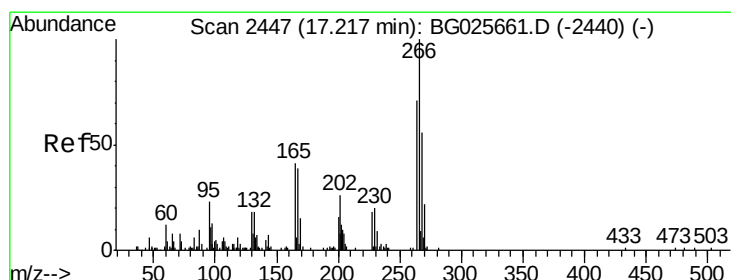
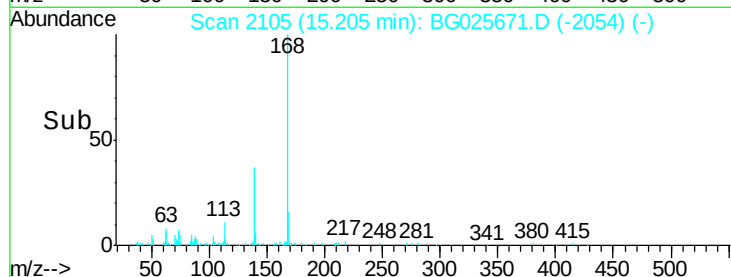
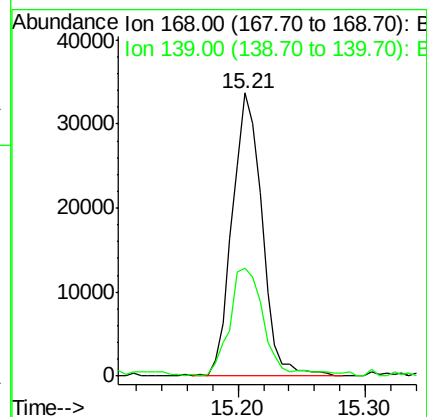
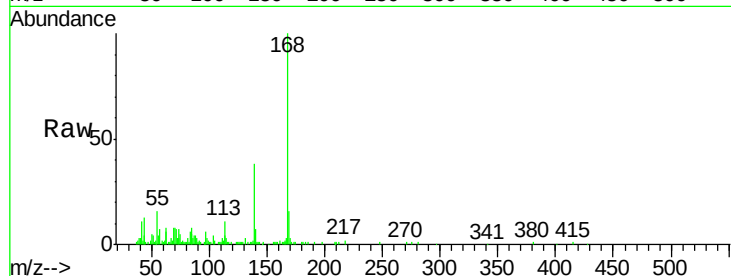
139 38.0 33.8 50.8

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#68

Pentachlorophenol

Concen: 861.87 ng/ul

RT: 17.22 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG025671.D

Acq: 26 Jan 2017 17:55

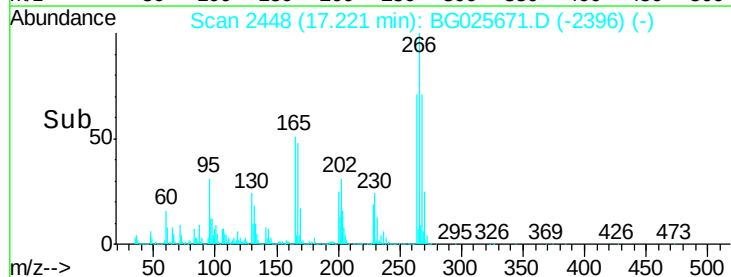
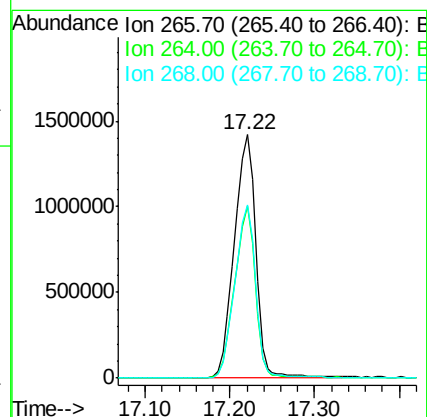
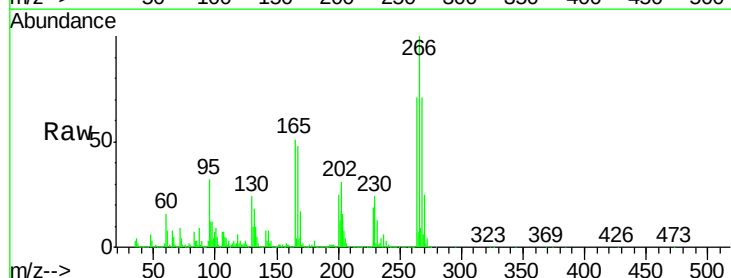
Tgt Ion:266 Resp: 2499246

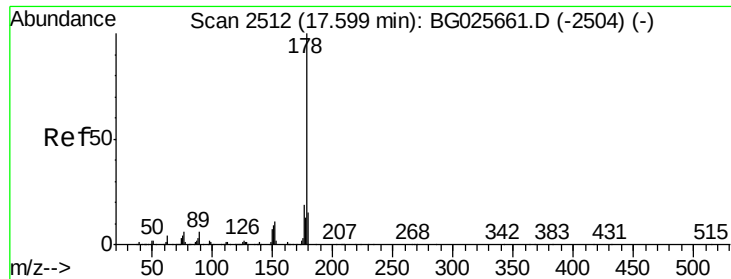
Ion Ratio Lower Upper

266 100

264 70.6 47.1 70.7

268 71.2 56.2 84.4





#69

Phenanthrene

Concen: 1.92 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG025671.D

Acq: 26 Jan 2017 17:55

Instrument :

BNA_G

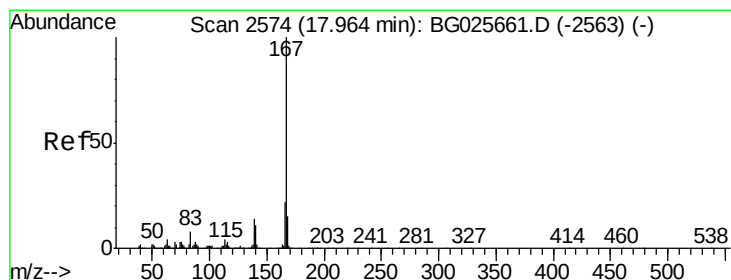
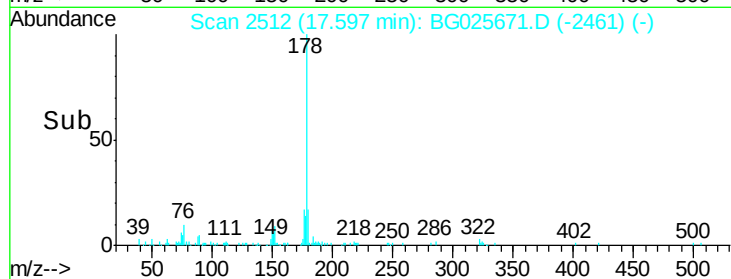
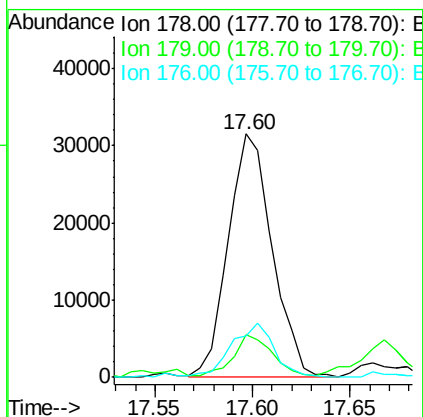
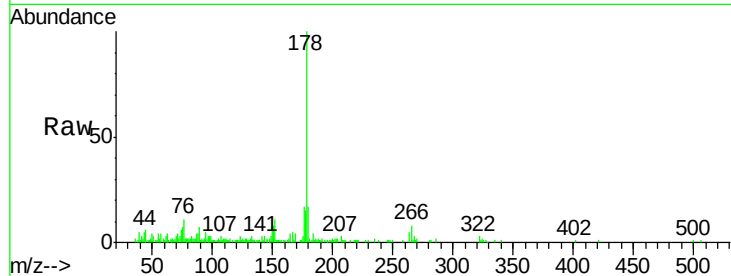
ClientSampleId :

DA9R3DL

Tgt Ion:	178	Resp:	49354
Ion Ratio		Lower	Upper
178	100		
179	17.4	12.4	18.6
176	17.0	16.5	24.7

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#72

Carbazole

Concen: 2.76 ng/ul

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG025671.D

Acq: 26 Jan 2017 17:55

Tgt Ion:	167	Resp:	59204
Ion Ratio		Lower	Upper
167	100		
166	25.3	17.9	26.9
139	13.9	10.5	15.7

