

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025698.D
 Acq On : 27 Jan 2017 11:36
 Operator : SJ/MA
 Sample : I1387-09DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA9R8DL

Manual Integrations
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mohammad
 1/27/2017 3:07:05 PM

Quant Time: Jan 27 12:27:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 11:48:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75848	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	350693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	274588	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	562842	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	627287	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	631233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	207	0.14	ng/uL	0.00
5) Phenol-d5	7.38	99	2777	0.43	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.50	67	15235	3.63	ng/ul	0.01
9) 2-Chlorophenol-d4	7.72	132	11799	2.57	ng/ul	0.02
13) 4-Methylphenol-d8	8.91	113	7811	1.41	ng/ul	0.02
19) Nitrobenzene-d5	9.37	128	8418	3.39	ng/ul	0.01
22) 2-Nitrophenol-d4	10.10	143	16787	5.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.65	165	18317	3.13	ng/ul	0.02
29) 4-Chloroaniline-d4	11.18	131	1207	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	14.20	166	71959	3.71	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	83810	4.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	902	0.34	ng/ul	0.00
57) Fluorene-d10	15.79	176	65825	3.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	97143m	4.05	ng/ul	0.00
76) Pyrene-d10	19.93	212	109625	4.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	102542	3.86	ng/ul	0.01

Target Compounds

						Qvalue
21) Isophorone	9.91	82	54764	3.66	ng/ul	97
28) Naphthalene	11.05	128	986665	60.94	ng/ul	98
34) 2-Methylnaphthalene	12.65	142	183303	13.87	ng/ul	92
39) 2,4,5-Trichlorophenol	13.35	196	73843	14.07	ng/ul	90
40) 1,1'-Biphenyl	13.64	154	29470	1.73	ng/ul#	95
49) Acenaphthene	14.87	153	50250	3.46	ng/ul#	92
53) Dibenzofuran	15.20	168	86498	3.87	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.42	232	124539m	22.42	ng/ul	
58) Fluorene	15.85	166	41661	2.29	ng/ul	93
68) Pentachlorophenol	17.22	266	2969794	961.79	ng/ul#	90
69) Phenanthrene	17.60	178	121829	4.45	ng/ul	93
72) Carbazole	17.97	167	50299	2.20	ng/ul#	92

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

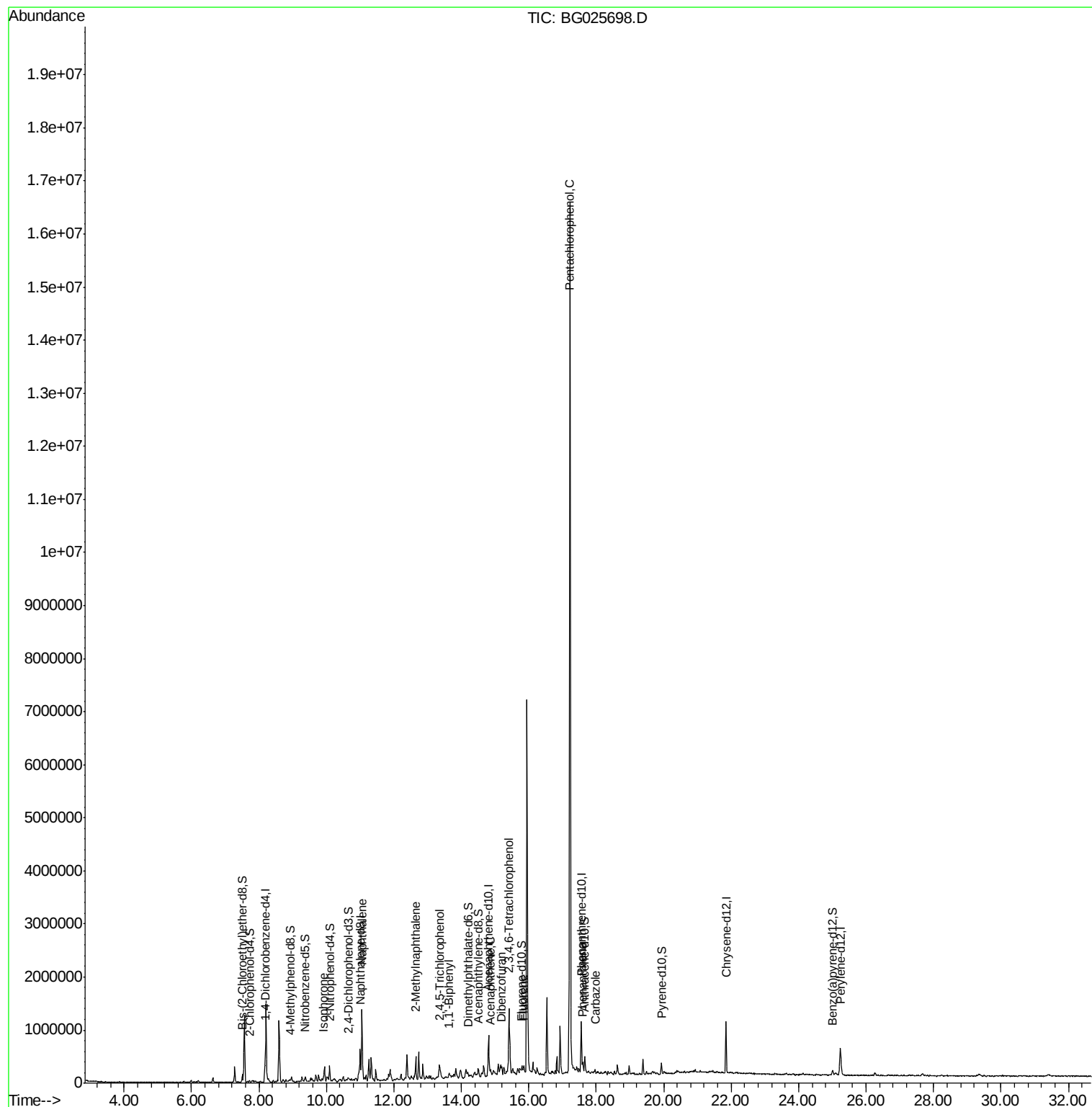
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025698.D
Acq On : 27 Jan 2017 11:36
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Sample : I1387-09DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

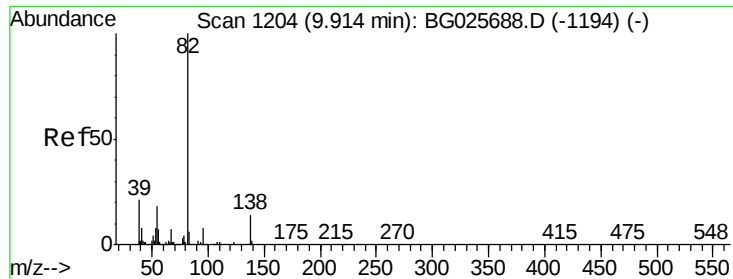
Instrument :
BNA_G
ClientSampleId :
DA9R8DL

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 11:48:12 2017
Response via : Initial Calibration





#21

Isophorone

Concen: 3.66 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG025698.D

Acq: 27 Jan 2017 11:36

Instrument :

BNA_G

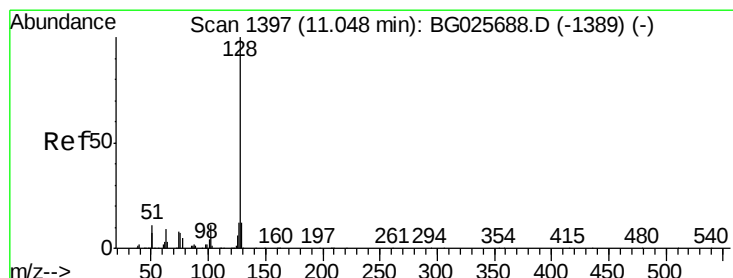
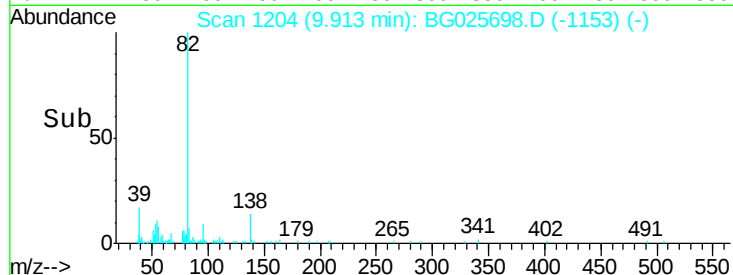
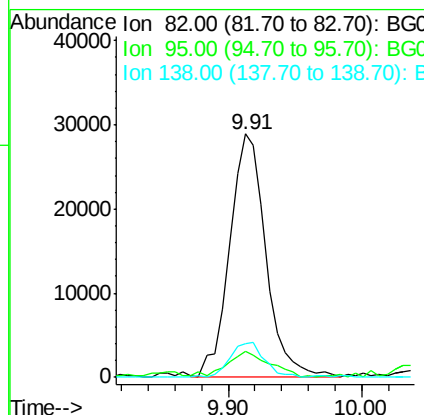
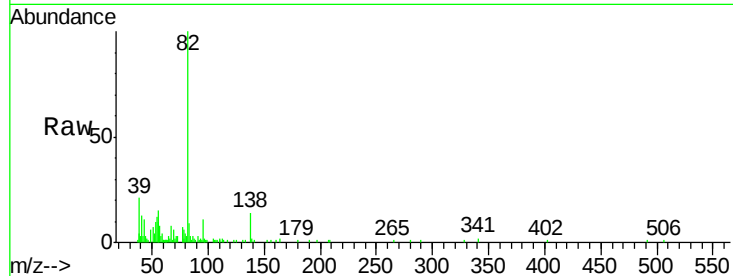
ClientSampleId :

DA9R8DL

Tgt Ion:	82	Resp:	54764
Ion Ratio	Lower	Upper	
82	100		
95	10.5	7.8	11.6
138	13.8	12.2	18.2

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#28

Naphthalene

Concen: 60.94 ng/ul

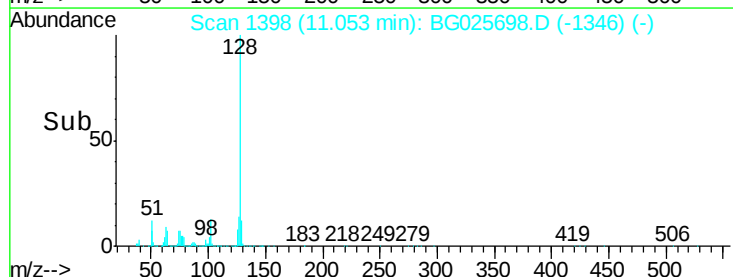
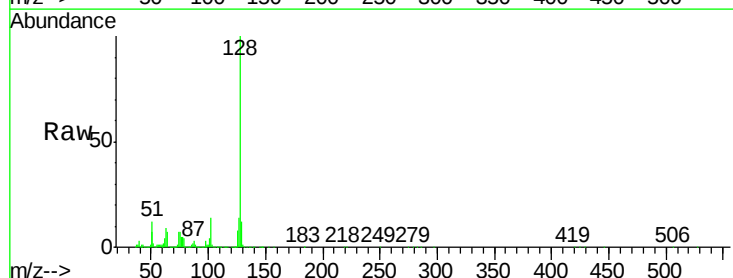
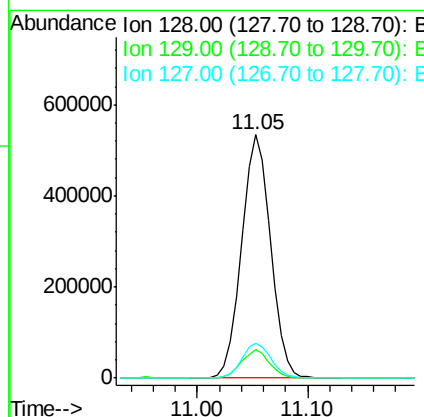
RT: 11.05 min Scan# 1398

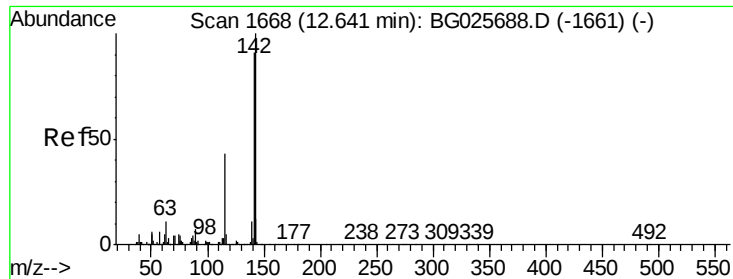
Delta R.T. 0.00 min

Lab File: BG025698.D

Acq: 27 Jan 2017 11:36

Tgt Ion:	128	Resp:	986665
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	14.5	10.3	15.5





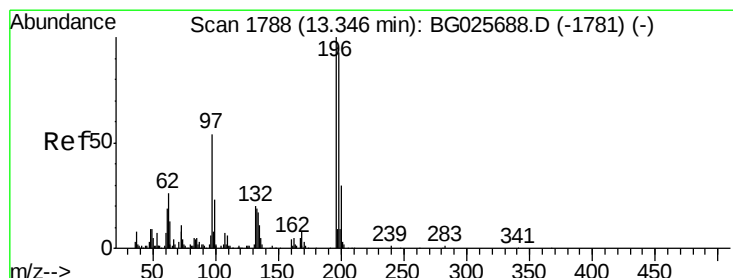
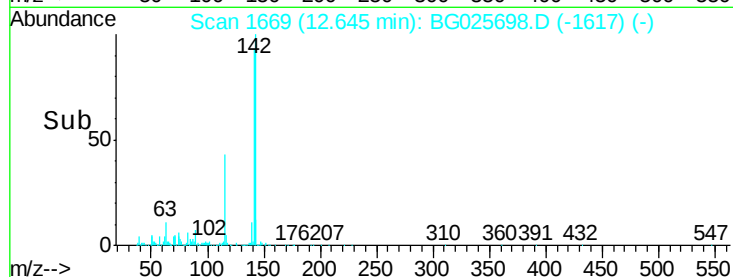
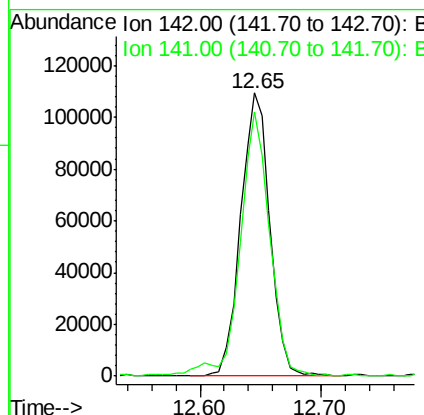
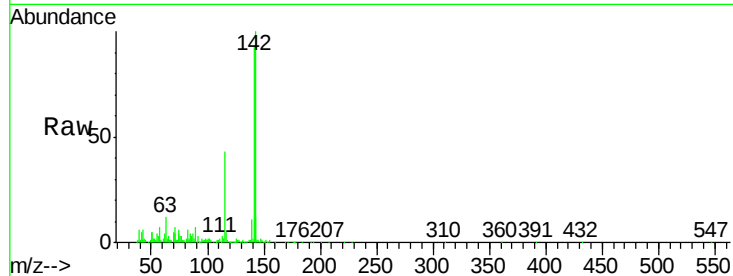
#34
2-Methylnaphthalene
Concen: 13.87 ng/ul
RT: 12.65 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG025698.D
Acq: 27 Jan 2017 11:36

Instrument :
BNA_G
ClientSampleId :
DA9R8DL

Tgt Ion:142 Resp: 183303
Ion Ratio Lower Upper
142 100
141 93.3 68.6 102.8

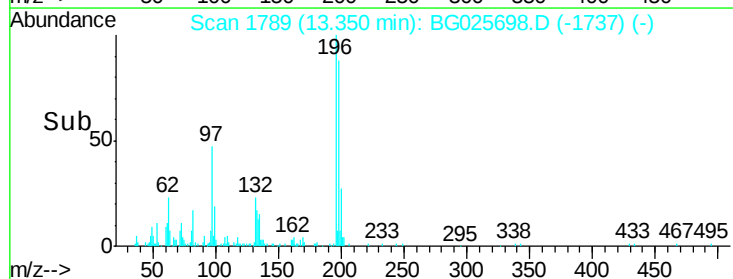
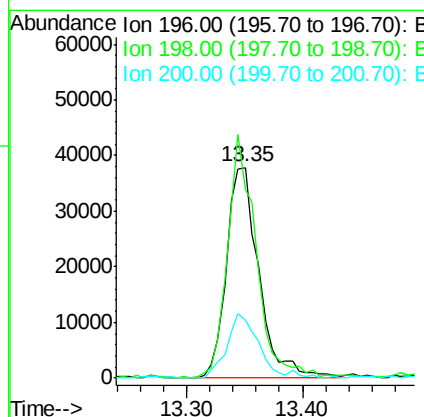
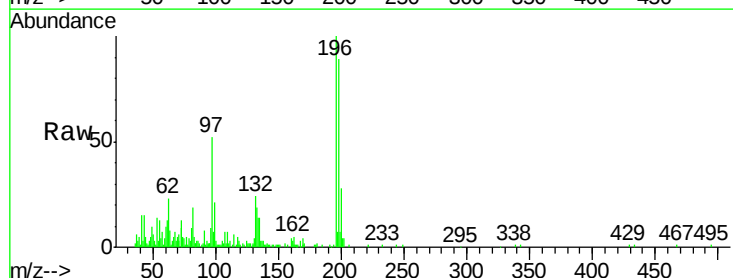
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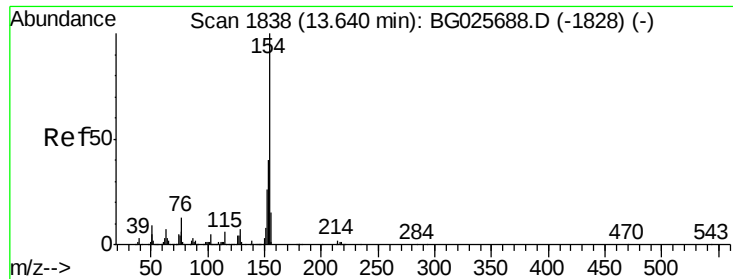
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#39
2,4,5-Trichlorophenol
Concen: 14.07 ng/ul
RT: 13.35 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BG025698.D
Acq: 27 Jan 2017 11:36

Tgt Ion:196 Resp: 73843
Ion Ratio Lower Upper
196 100
198 89.1 78.6 118.0
200 27.8 27.3 40.9





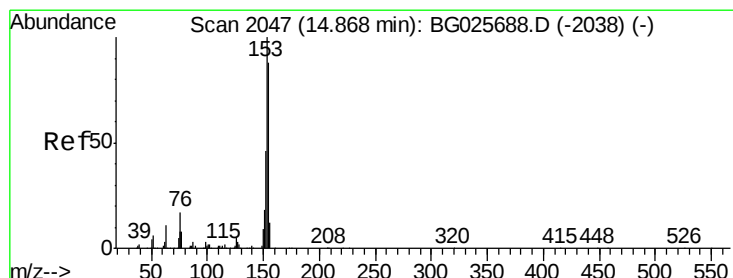
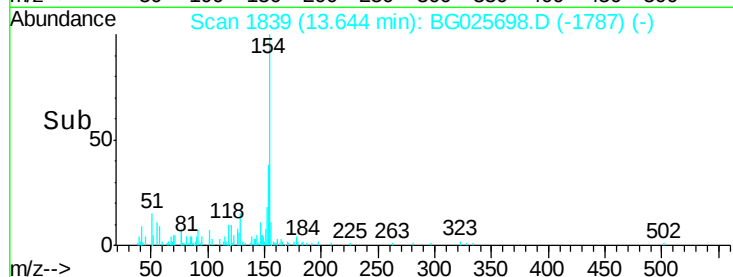
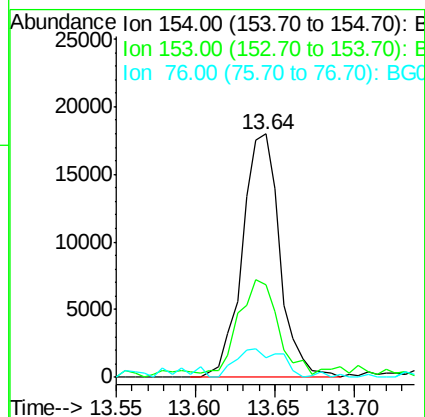
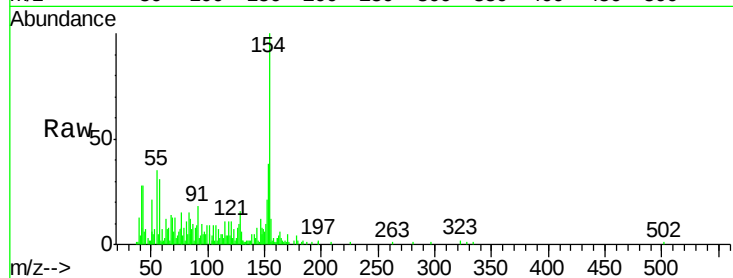
#40
1,1'-Biphenyl
Concen: 1.73 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG025698.D
Acq: 27 Jan 2017 11:36

Instrument :
BNA_G
ClientSampleId :
DA9R8DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.2	48.2
76	7.8	9.6	14.4

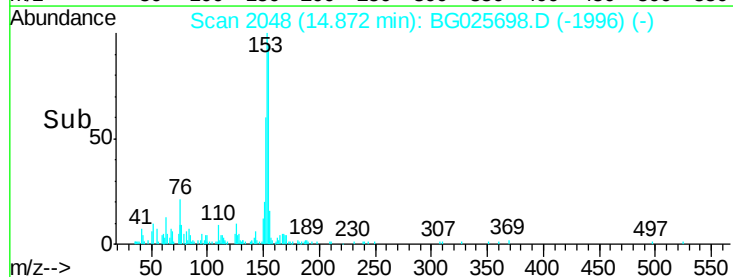
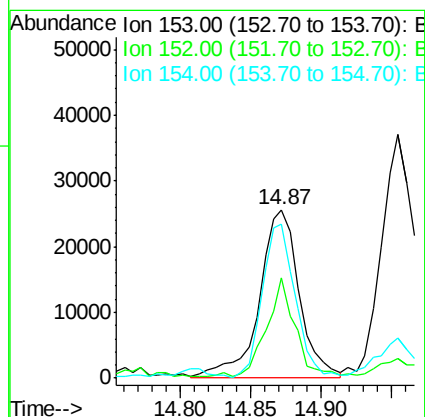
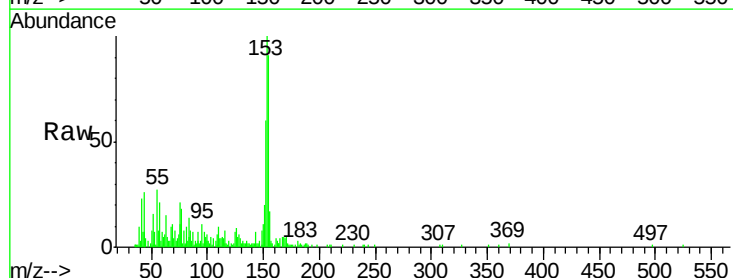
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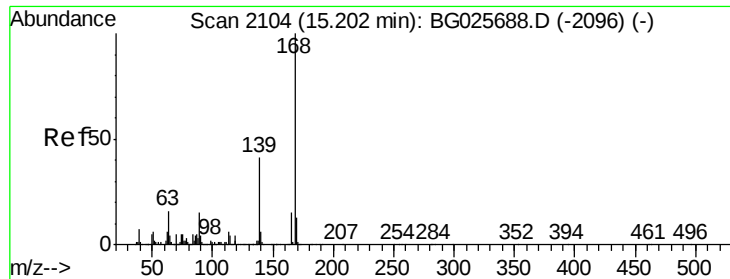
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#49
Acenaphthene
Concen: 3.46 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG025698.D
Acq: 27 Jan 2017 11:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	59.8	36.5	54.7
154	91.0	72.3	108.5





#53

Dibenzofuran

Concen: 3.87 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG025698.D

Acq: 27 Jan 2017 11:36

Instrument :

BNA_G

ClientSampleId :

DA9R8DL

Tgt Ion:168 Resp: 86498

Ion Ratio Lower Upper

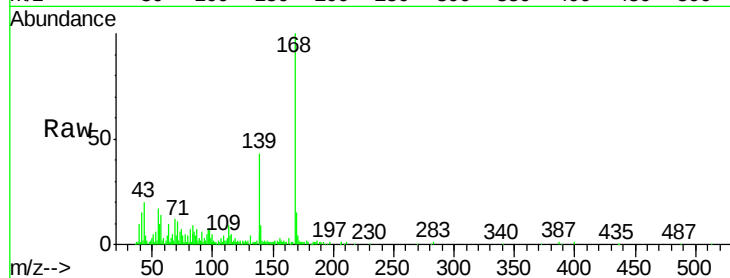
168 100

139 42.7 33.8 50.8

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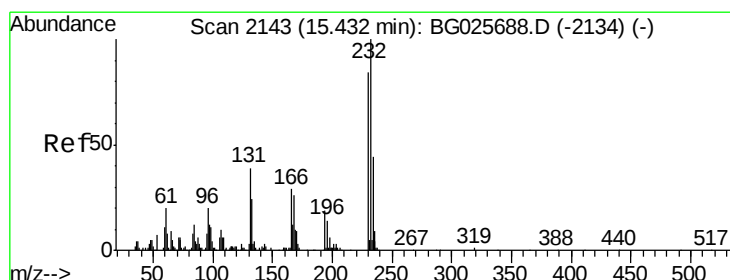
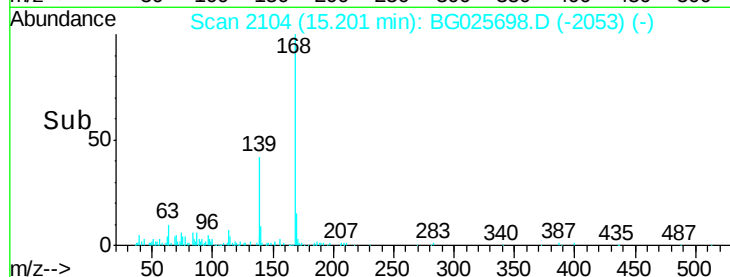
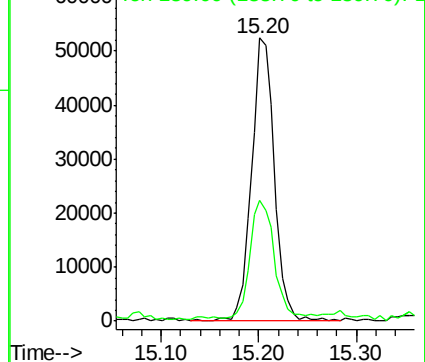
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 22.42 ng/ul m

RT: 15.42 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG025698.D

Acq: 27 Jan 2017 11:36

Tgt Ion:232 Resp: 124539

Ion Ratio Lower Upper

232 100

131 38.0 33.3 49.9

130 2.2 1.8 2.6

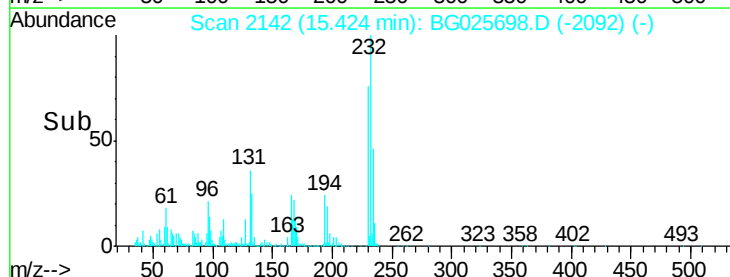
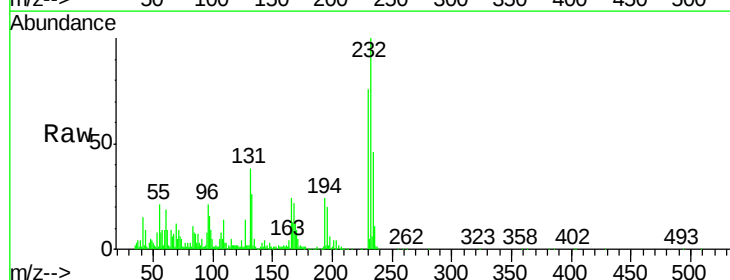
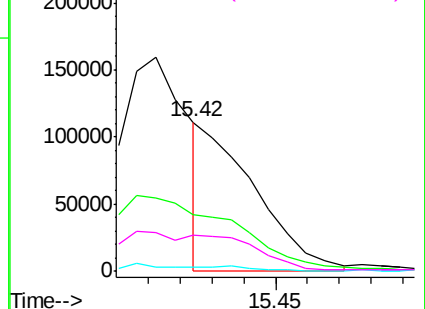
166 24.2 21.9 32.9

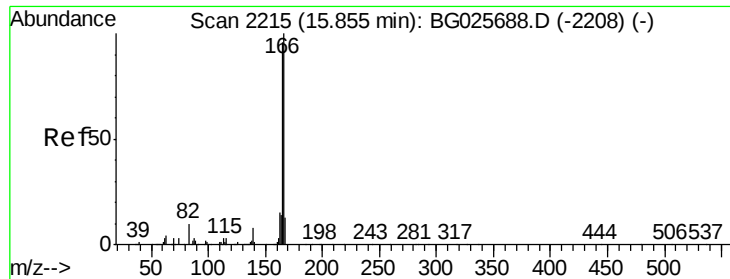
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





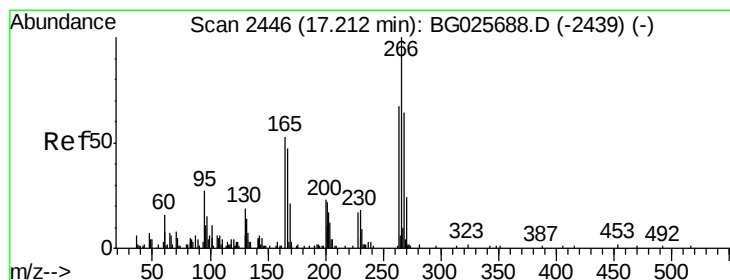
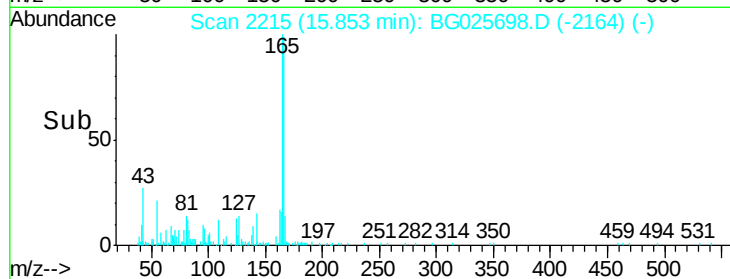
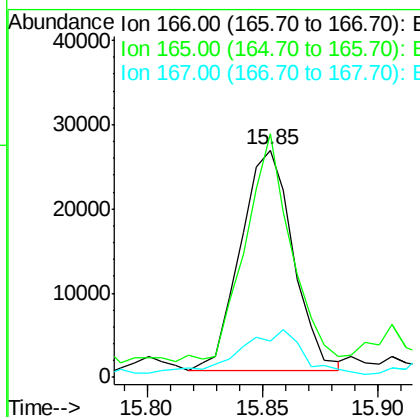
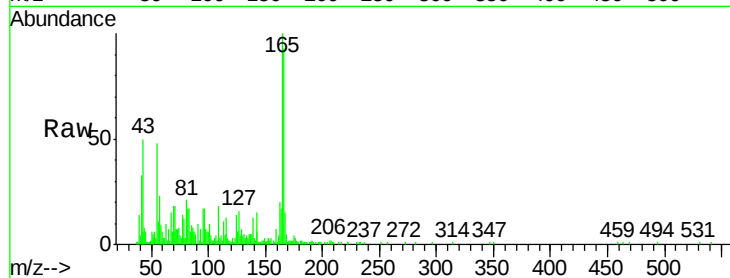
#58
 Fluorene
 Concen: 2.29 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG025698.D
 Acq: 27 Jan 2017 11:36

Instrument :
 BNA_G
 ClientSampleId :
 DA9R8DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.2	79.7	119.5
167	15.8	11.4	17.2

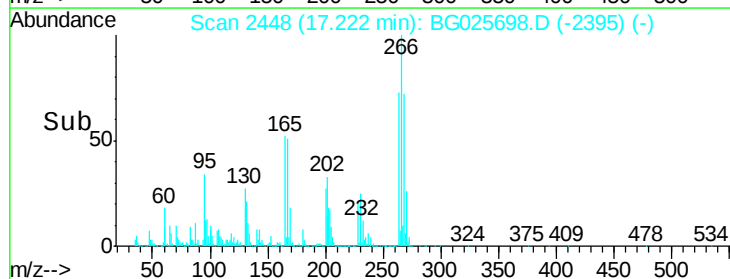
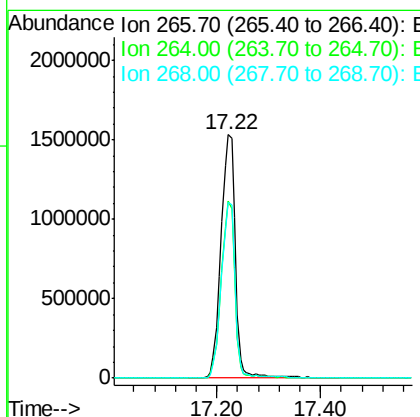
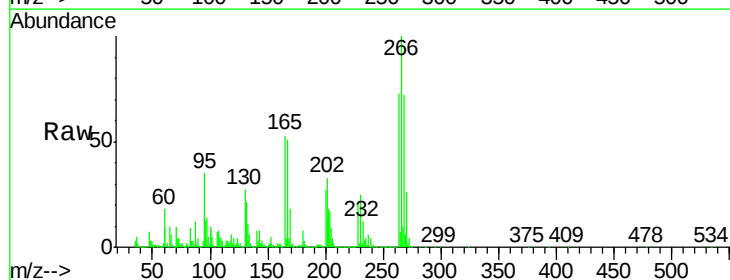
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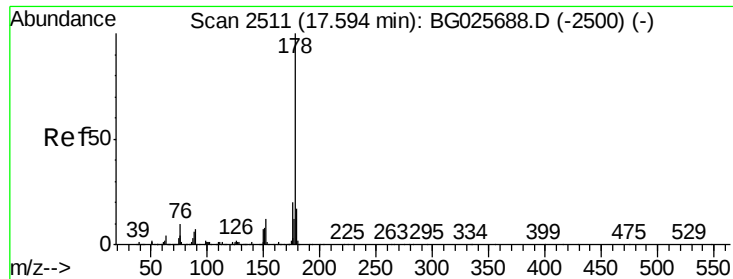
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#68
 Pentachlorophenol
 Concen: 961.79 ng/ul
 RT: 17.22 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BG025698.D
 Acq: 27 Jan 2017 11:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.6	47.1	70.7#
268	72.3	56.2	84.4





#69

Phenanthrene

Concen: 4.45 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BG025698.D

Acq: 27 Jan 2017 11:36

Instrument :

BNA_G

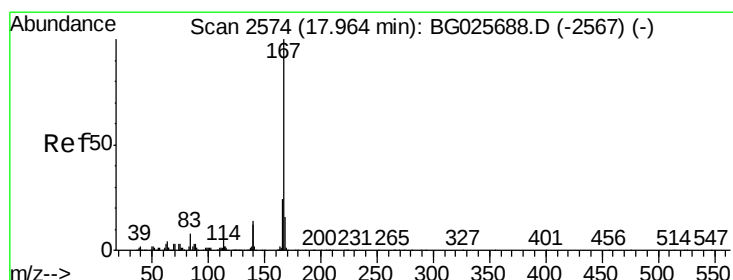
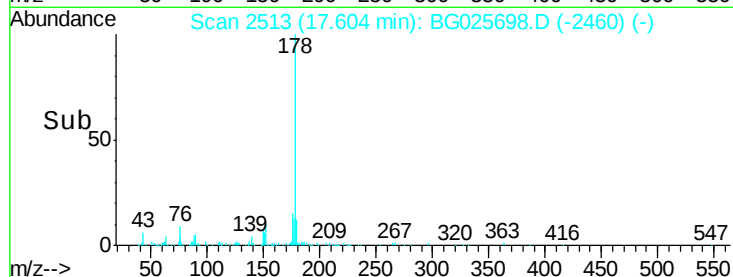
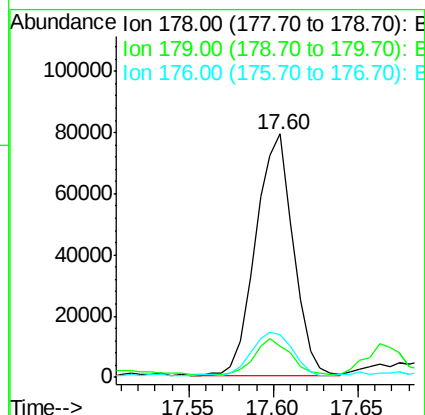
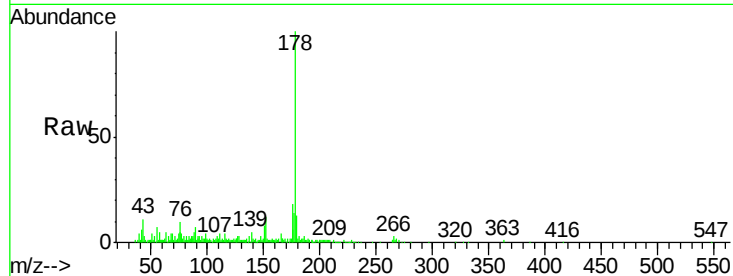
ClientSampled :

DA9R8DL

Tgt Ion:	178	Resp:	121829
Ion Ratio	Lower	Upper	
178	100		
179	12.6	12.4	18.6
176	17.6	16.5	24.7

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#72

Carbazole

Concen: 2.20 ng/ul

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG025698.D

Acq: 27 Jan 2017 11:36

Tgt Ion:	167	Resp:	50299
Ion Ratio	Lower	Upper	
167	100		
166	26.6	17.9	26.9
139	15.8	10.5	15.7#

