

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025694.D
 Acq On : 27 Jan 2017 8:59
 Operator : SJ/MA
 Sample : I1387-02DL2 50X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q6DL2

Quant Time: Jan 27 12:02:34 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	8.18	152	73920	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	345707	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	271331	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	549546	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	603822	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	610787	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	57	0.04	ng/uL	-0.06
5) Phenol-d5	7.33	99	169	0.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	579	0.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	272	0.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	122	0.02	ng/ul	-0.04
19) Nitrobenzene-d5	9.40	128	1070	0.44	ng/ul	0.04
22) 2-Nitrophenol-d4	10.09	143	637	0.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	1013	0.18	ng/ul	0.04
29) 4-Chloroaniline-d4	11.14	131	99	0.02	ng/ul	-0.01
43) Dimethylphthalate-d6	14.21	166	13164	0.69	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	14696	0.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	179	0.07	ng/ul	0.00
57) Fluorene-d10	15.79	176	13330	0.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	18796	0.80	ng/ul	0.00
76) Pyrene-d10	19.94	212	19393	0.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	19505	0.76	ng/ul	0.00

Target Compounds

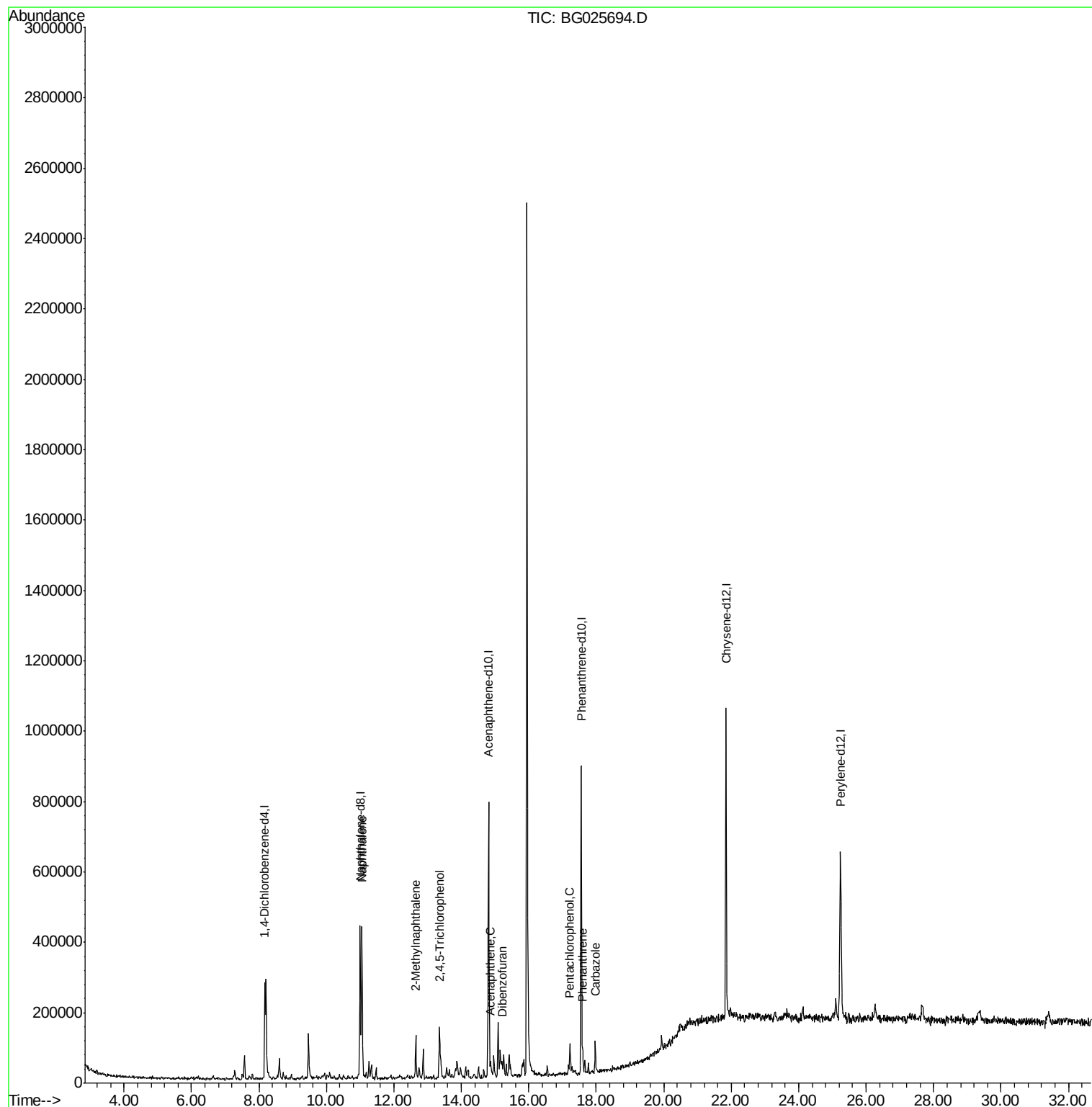
						Qvalue
28) Naphthalene	11.05	128	340580	21.34	ng/ul	98
34) 2-Methylnaphthalene	12.65	142	54564	4.19	ng/ul	82
39) 2,4,5-Trichlorophenol	13.35	196	51210	9.87	ng/ul	97
49) Acenaphthene	14.87	153	16176	1.13	ng/ul	86
53) Dibenzofuran	15.21	168	27877	1.26	ng/ul	96
68) Pentachlorophenol	17.22	266	17289	5.73	ng/ul#	84
69) Phenanthrene	17.60	178	39135	1.47	ng/ul#	91
72) Carbazole	17.97	167	61458	2.76	ng/ul#	97

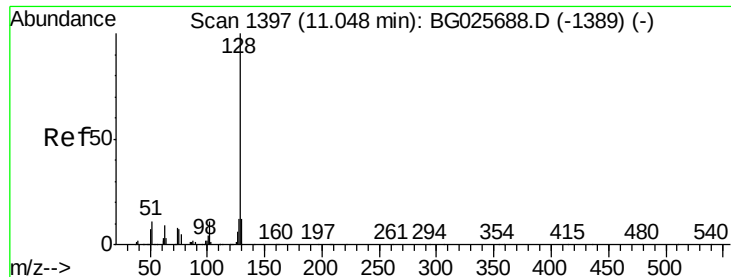
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 21.34 ng/ul

RT: 11.05 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BG025694.D

Acq: 27 Jan 2017 8:59

Instrument :

BNA_G

ClientSampleId :

DA9Q6DL2

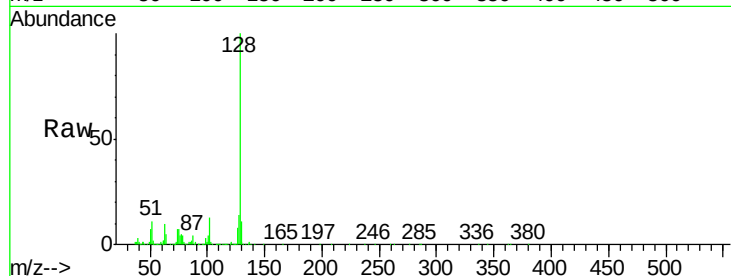
Tgt Ion:128 Resp: 340580

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

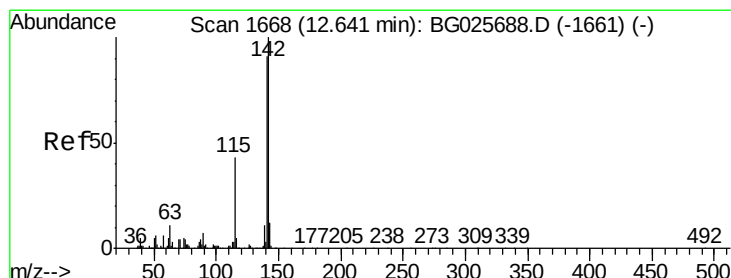
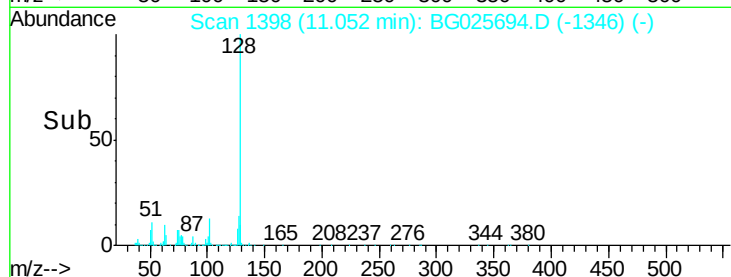
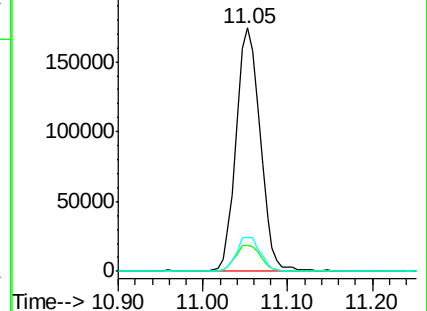
127 13.6 10.3 15.5



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: 4.19 ng/ul

RT: 12.65 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BG025694.D

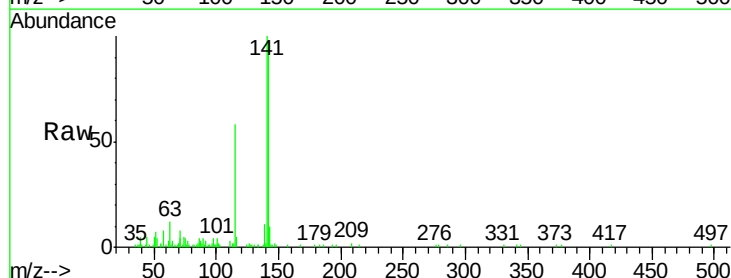
Acq: 27 Jan 2017 8:59

Tgt Ion:142 Resp: 54564

Ion Ratio Lower Upper

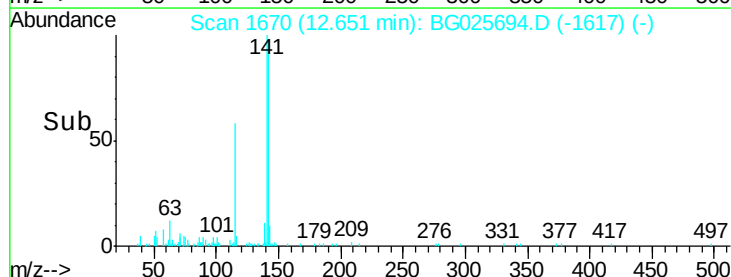
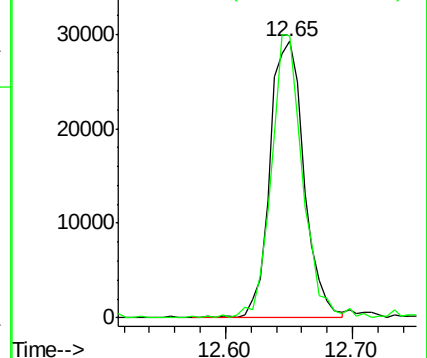
142 100

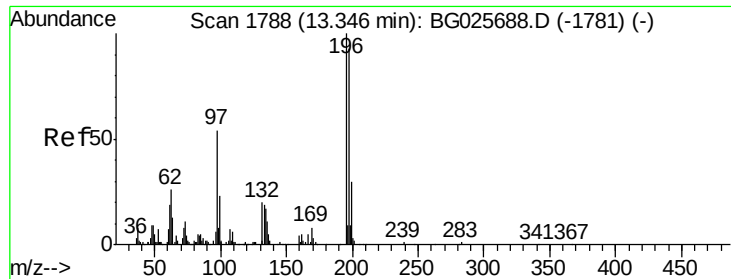
141 102.2 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

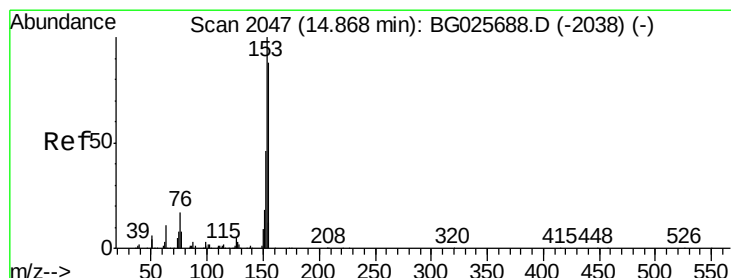
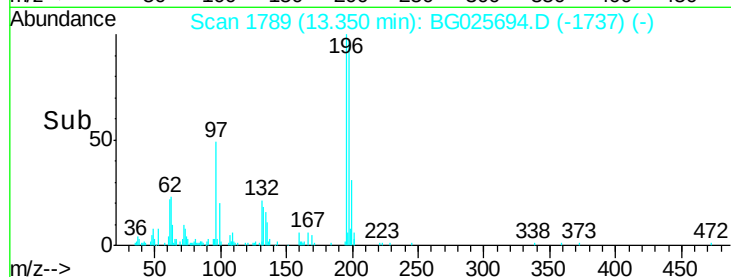
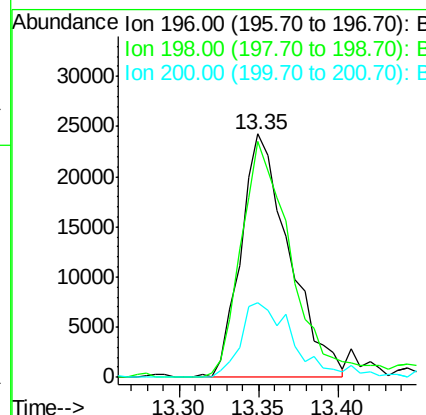
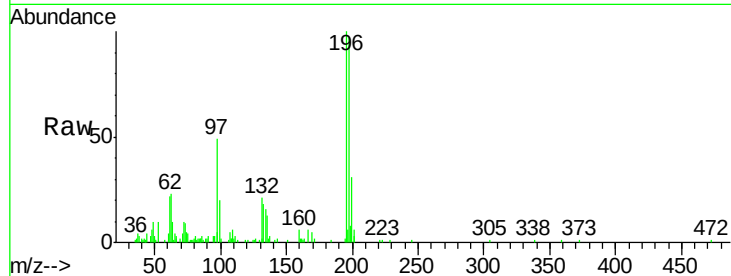




#39
 2,4,5-Trichlorophenol
 Concen: 9.87 ng/ul
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG025694.D
 Acq: 27 Jan 2017 8:59

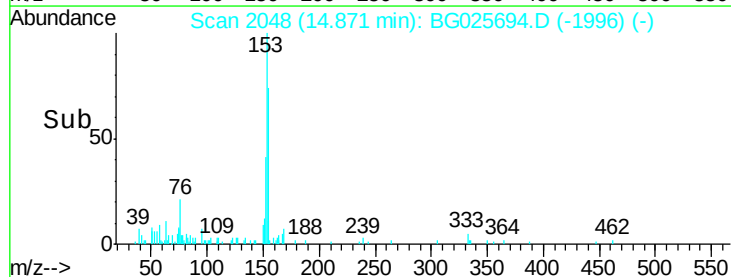
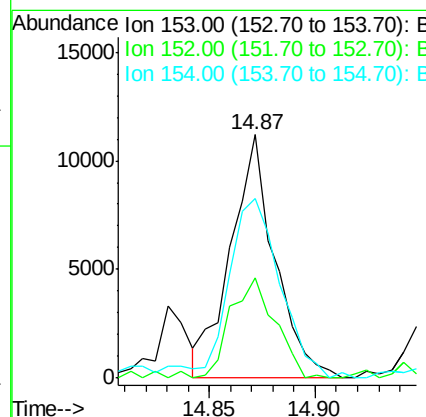
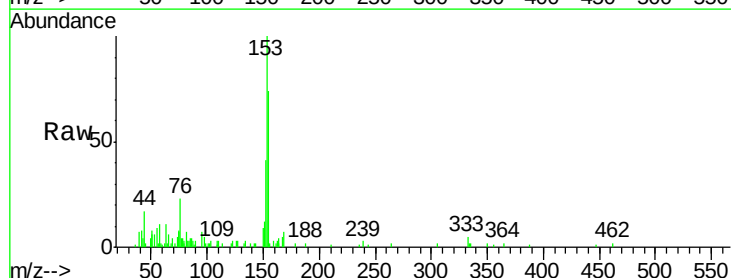
Instrument :
 BNA_G
 ClientSampleId :
 DA9Q6DL2

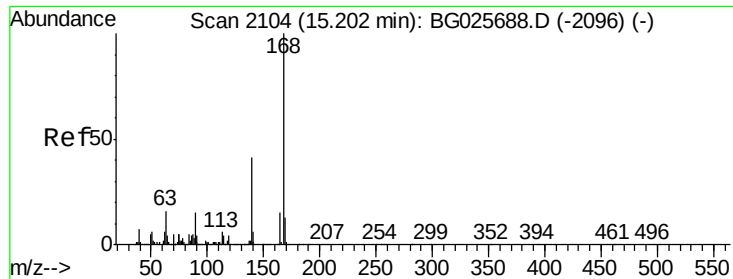
Tgt Ion:196 Resp: 51210
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.6 118.0
 200 30.8 27.3 40.9



#49
 Acenaphthene
 Concen: 1.13 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG025694.D
 Acq: 27 Jan 2017 8:59

Tgt Ion:153 Resp: 16176
 Ion Ratio Lower Upper
 153 100
 152 41.0 36.5 54.7
 154 73.6 72.3 108.5





#53

Dibenzenofuran

Concen: 1.26 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG025694.D

Acq: 27 Jan 2017 8:59

Instrument :

BNA_G

ClientSampleId :

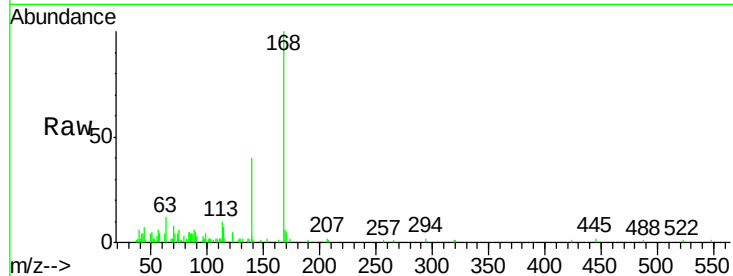
DA9Q6DL2

Tgt Ion:168 Resp: 27877

Ion Ratio Lower Upper

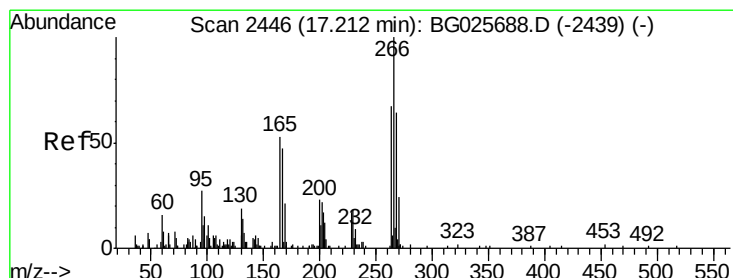
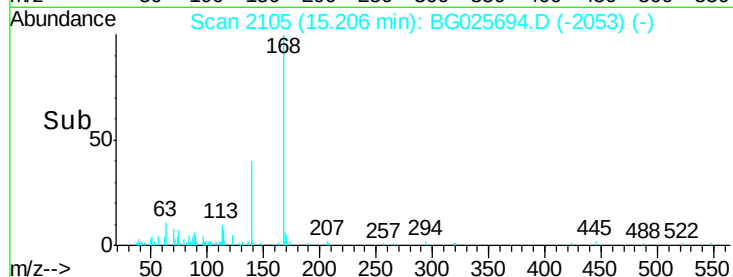
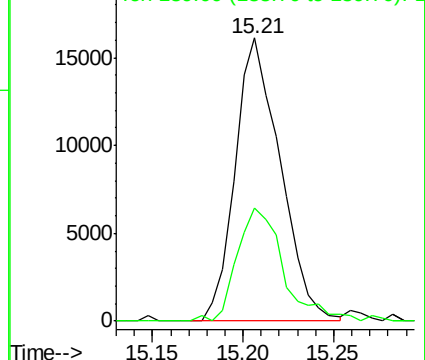
168 100

139 39.9 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#68

Pentachlorophenol

Concen: 5.73 ng/ul

RT: 17.22 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG025694.D

Acq: 27 Jan 2017 8:59

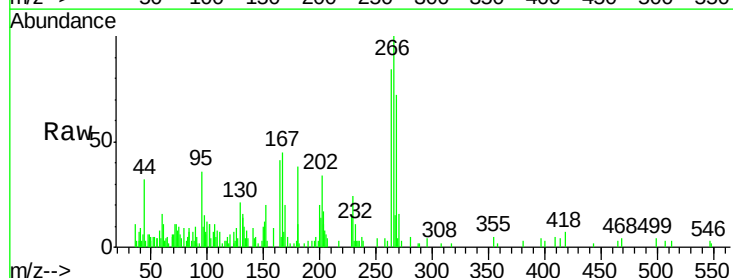
Tgt Ion:266 Resp: 17289

Ion Ratio Lower Upper

266 100

264 83.7 47.1 70.7#

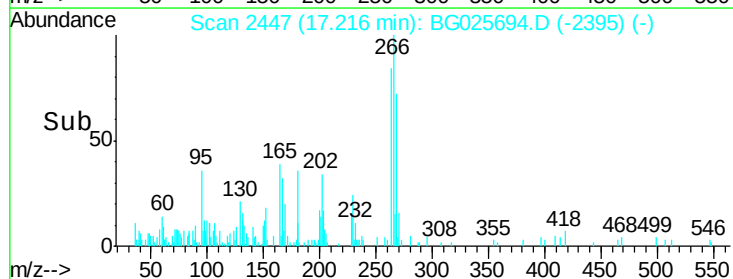
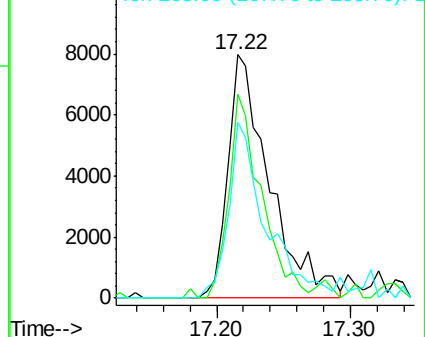
268 72.0 56.2 84.4

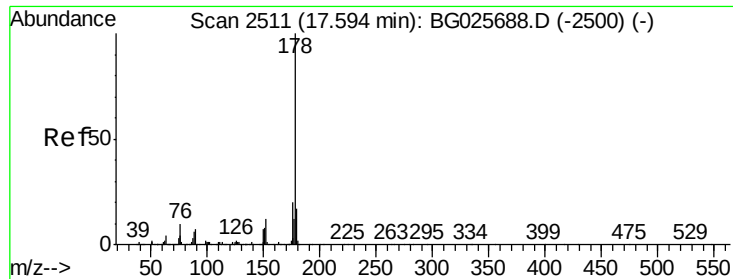


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 1.47 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG025694.D

Acq: 27 Jan 2017 8:59

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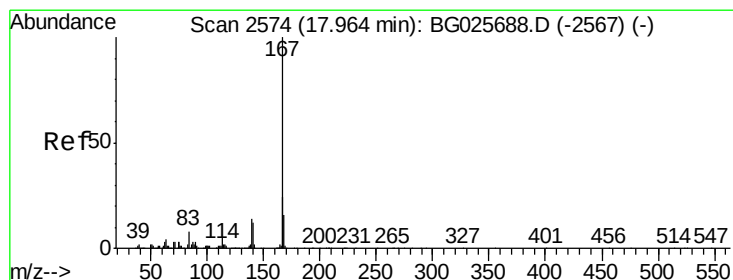
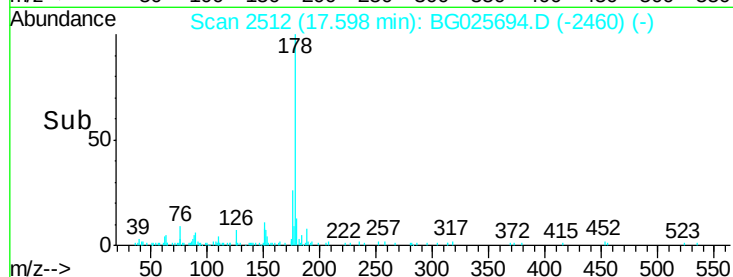
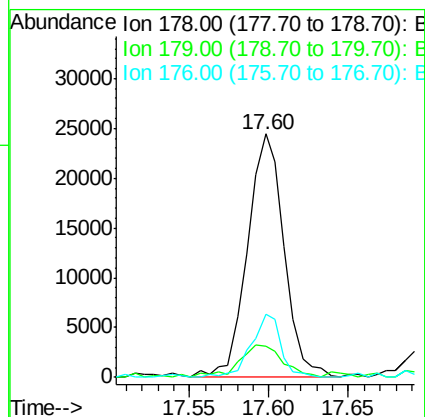
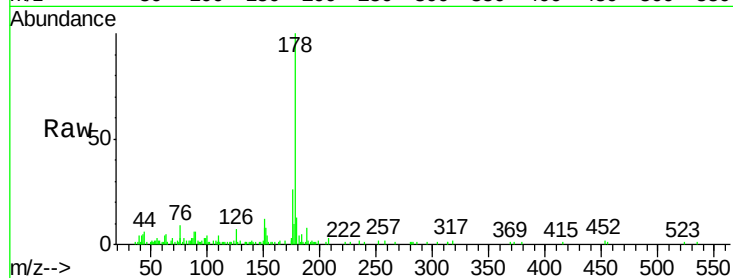
Tgt Ion:178 Resp: 39135

Ion Ratio Lower Upper

178 100

179 12.9 12.4 18.6

176 26.0 16.5 24.7#



#72

Carbazole

Concen: 2.76 ng/ul

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG025694.D

Acq: 27 Jan 2017 8:59

Tgt Ion:167 Resp: 61458

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

139 15.7 10.5 15.7#

