

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025667.D
 Acq On : 26 Jan 2017 15:17
 Operator : SJ/MA
 Sample : I1387-10DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9R9DL

Quant Time: Jan 27 03:37:40 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	8.17	152	67760	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	304993	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	246398	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	524285	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	643960	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	644213	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	777	0.57	ng/uL	-0.02
5) Phenol-d5	7.36	99	19257	3.32	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.49	67	63439	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	53612	13.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	39429	7.99	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	34411	15.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	44535	17.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	80959	15.91	ng/ul	0.01
29) 4-Chloroaniline-d4	11.18	131	577	0.10	ng/ul	0.03
43) Dimethylphthalate-d6	14.20	166	318840	18.32	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	364892	19.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	6709	2.81	ng/ul	0.04
57) Fluorene-d10	15.80	176	288480	17.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	126598	39.15	ng/ul	0.00
70) Anthracene-d10	17.66	188	447144	20.03	ng/ul	0.00
76) Pyrene-d10	19.93	212	547957	20.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	522256	19.29	ng/ul	0.00

Target Compounds

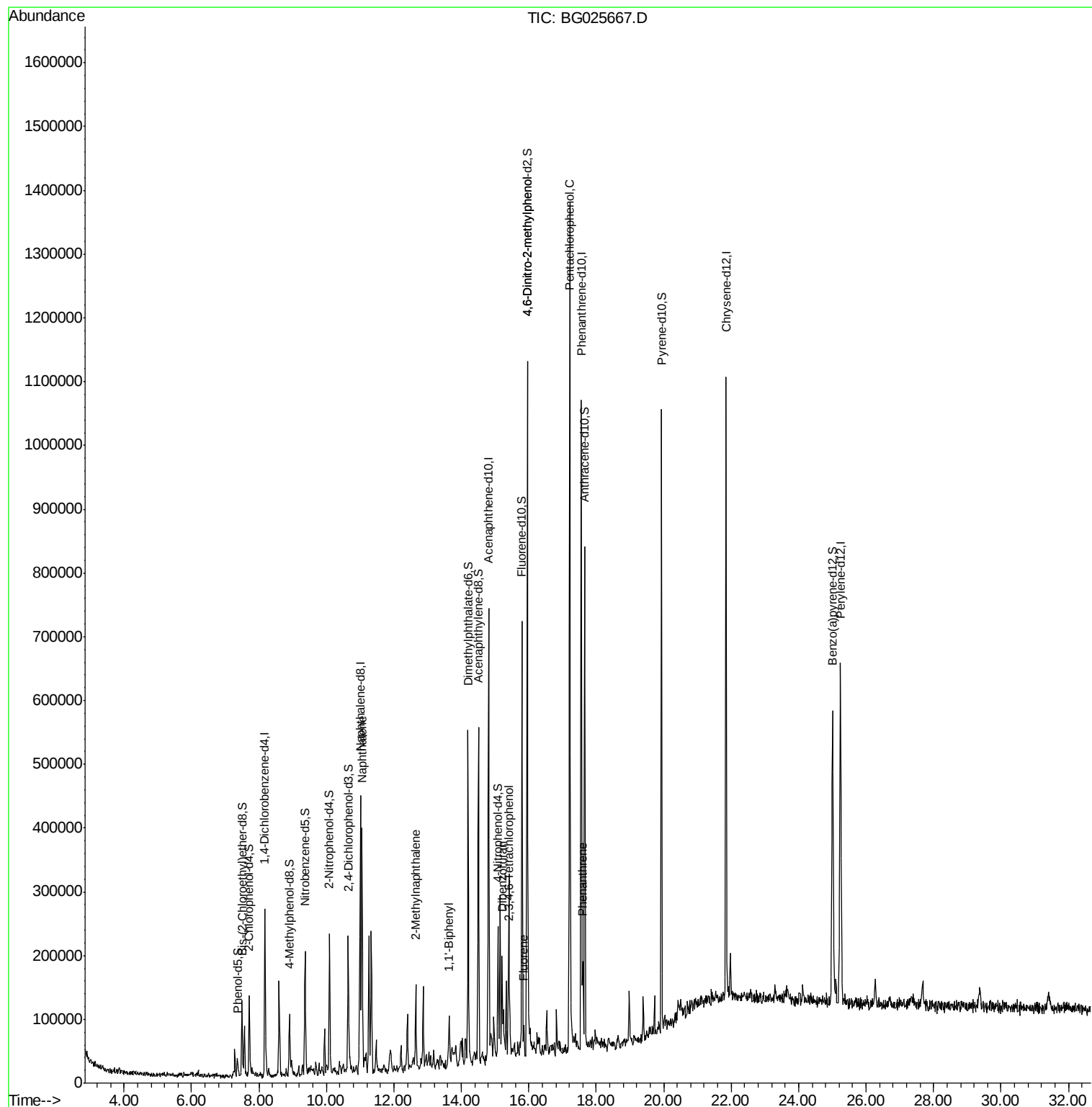
						Qvalue
28) Naphthalene	11.06	128	291613	20.71	ng/ul	97
34) 2-Methylnaphthalene	12.65	142	57261	4.98	ng/ul	93
40) 1,1'-Biphenyl	13.64	154	33838	2.22	ng/ul#	83
53) Dibenzofuran	15.21	168	92556	4.62	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.42	232	24311	4.88	ng/ul#	90
58) Fluorene	15.85	166	16871	1.03	ng/ul#	89
63) 4,6-Dinitro-2-methylphenol	15.95	198	272752	81.82	ng/ul#	56
68) Pentachlorophenol	17.21	266	220823	76.77	ng/ul	89
69) Phenanthrene	17.60	178	72762	2.86	ng/ul#	94

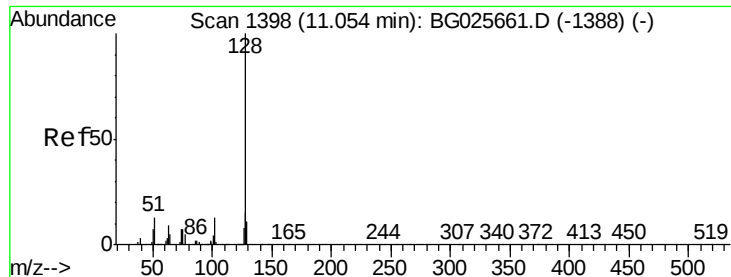
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 20.71 ng/ul

RT: 11.06 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BG025667.D

Acq: 26 Jan 2017 15:17

Instrument :

BNA_G

ClientSampleId :

DA9R9DL

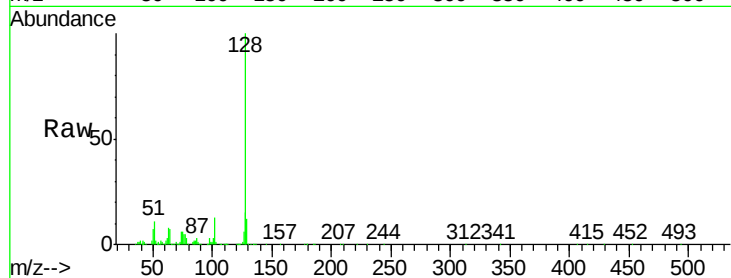
Tgt Ion:128 Resp: 291613

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

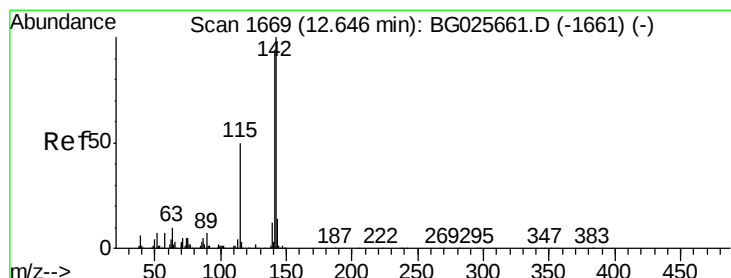
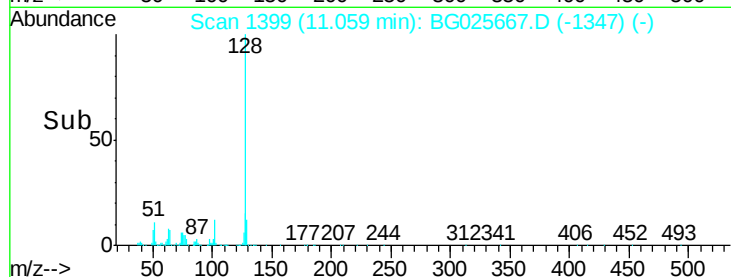
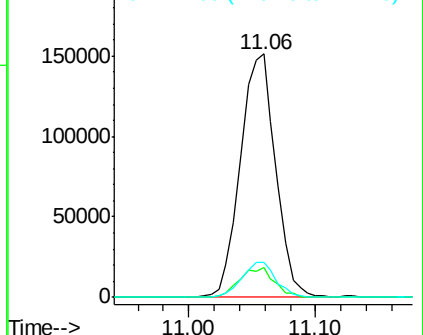
127 14.6 10.3 15.5



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: 4.98 ng/ul

RT: 12.65 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG025667.D

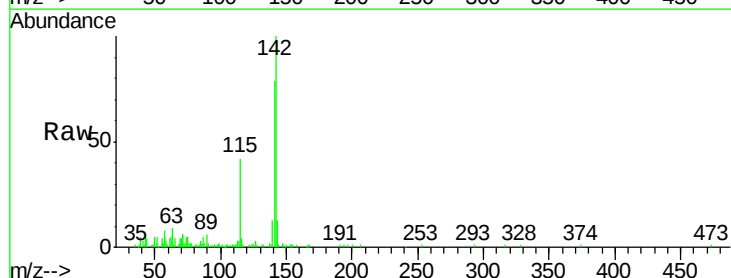
Acq: 26 Jan 2017 15:17

Tgt Ion:142 Resp: 57261

Ion Ratio Lower Upper

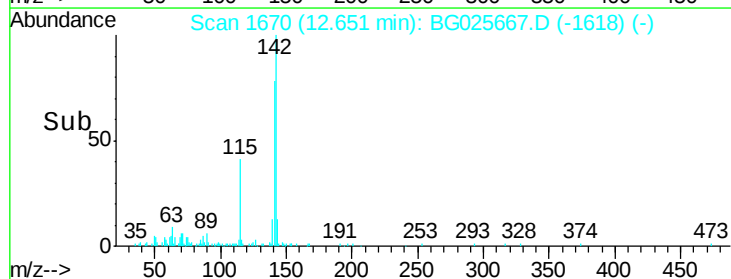
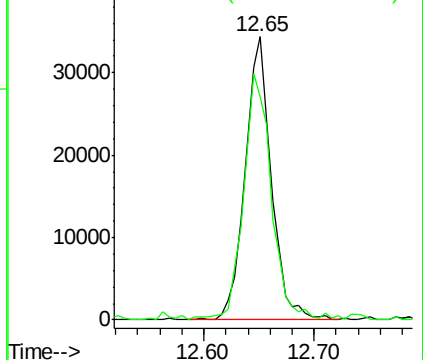
142 100

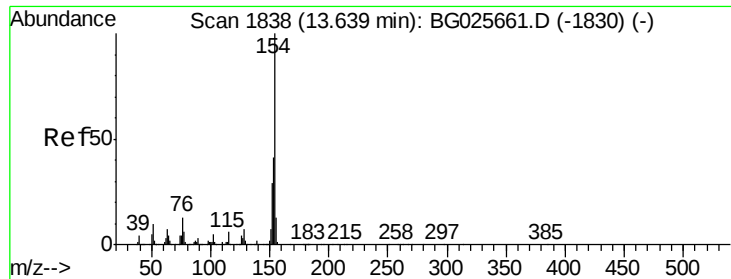
141 79.0 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

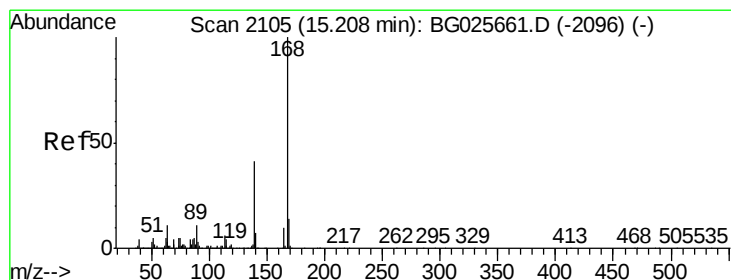
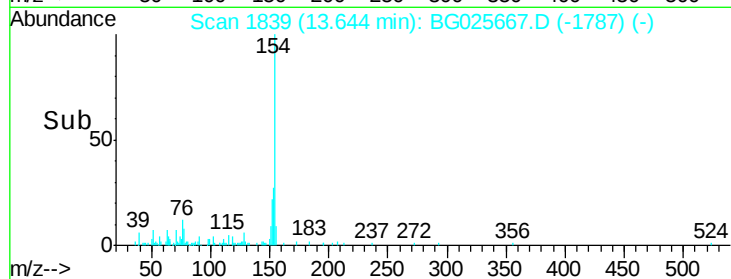
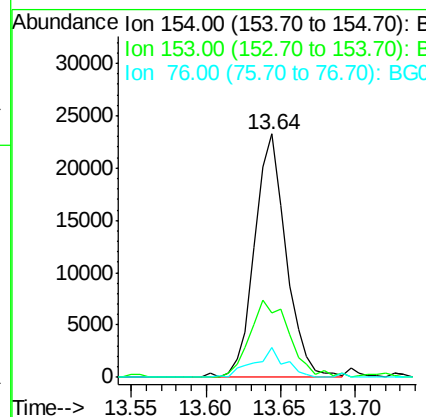
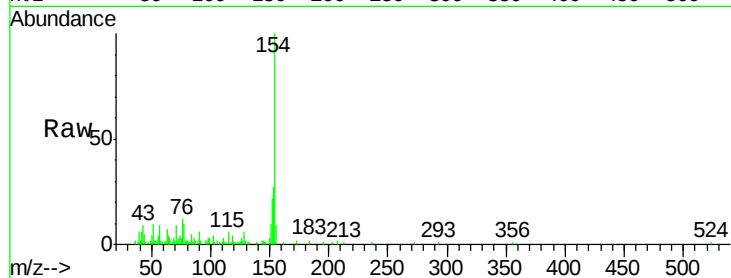




#40
 1,1'-Biphenyl
 Concen: 2.22 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG025667.D
 Acq: 26 Jan 2017 15:17

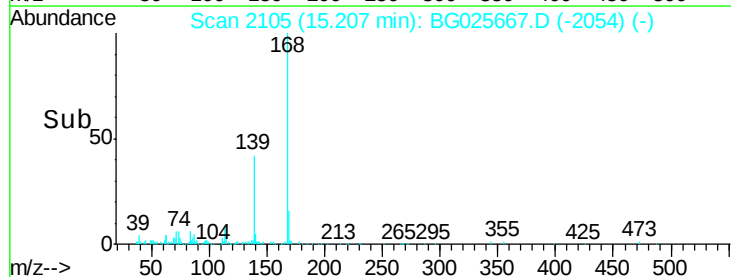
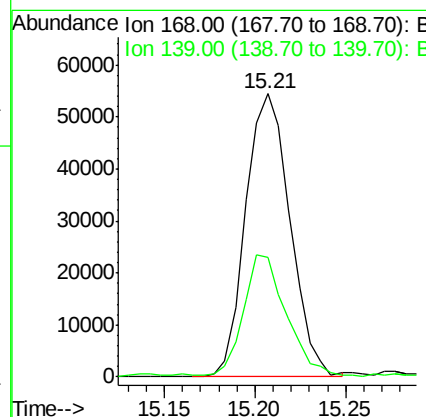
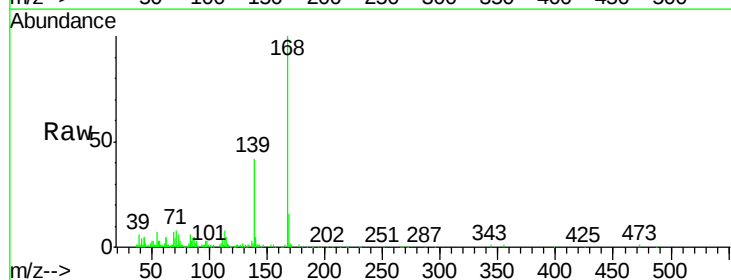
Instrument :
 BNA_G
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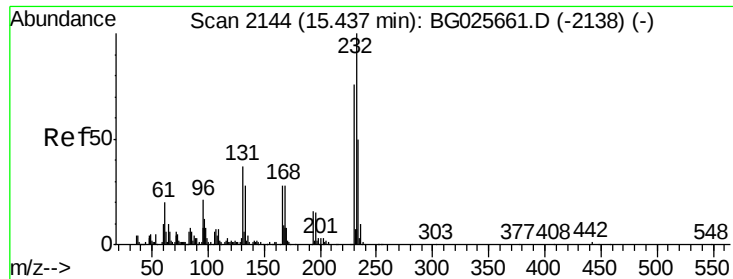
Tgt Ion:154 Resp: 33838
 Ion Ratio Lower Upper
 154 100
 153 26.7 32.2 48.2#
 76 12.3 9.6 14.4



#53
 Dibenzofuran
 Concen: 4.62 ng/ul
 RT: 15.21 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG025667.D
 Acq: 26 Jan 2017 15:17

Tgt Ion:168 Resp: 92556
 Ion Ratio Lower Upper
 168 100
 139 42.4 33.8 50.8





#55

2,3,4,6-Tetrachlorophenol

Concen: 4.88 ng/ul

RT: 15.42 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG025667.D

Acq: 26 Jan 2017 15:17

Instrument :

BNA_G

ClientSampleId :

DA9R9DL

Tgt Ion:232 Resp: 24311

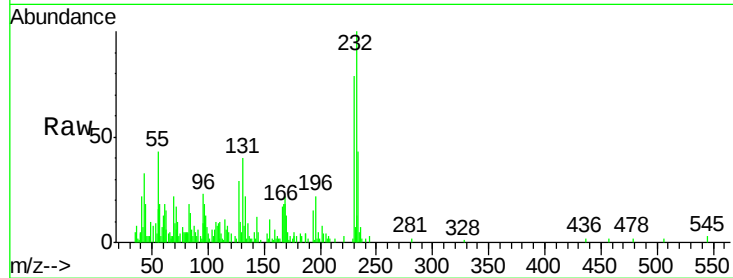
Ion Ratio Lower Upper

232 100

131 40.0 33.3 49.9

130 5.0 1.8 2.6#

166 16.7 21.9 32.9#

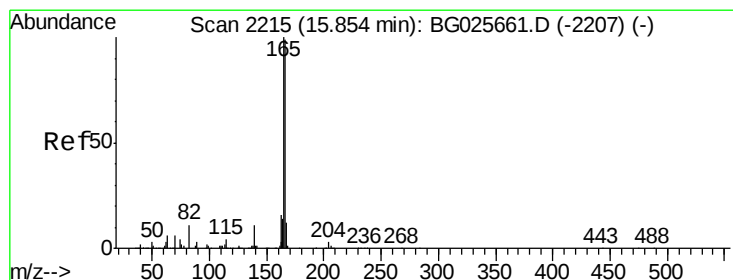
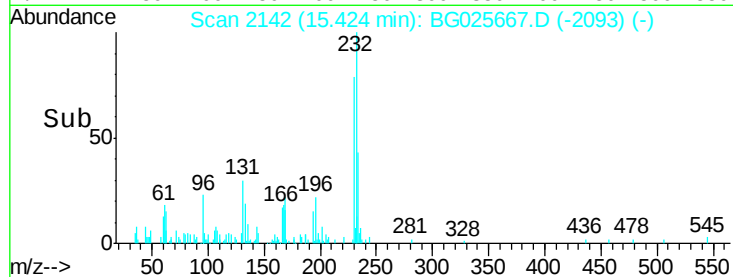
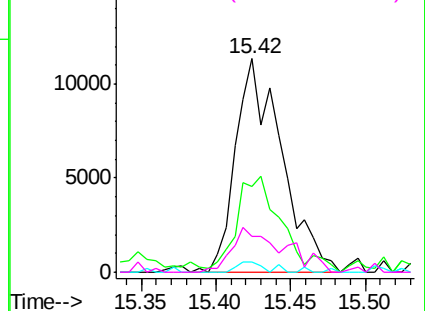


Abundance Ion 232.00 (231.70 to 232.70): E

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: 1.03 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG025667.D

Acq: 26 Jan 2017 15:17

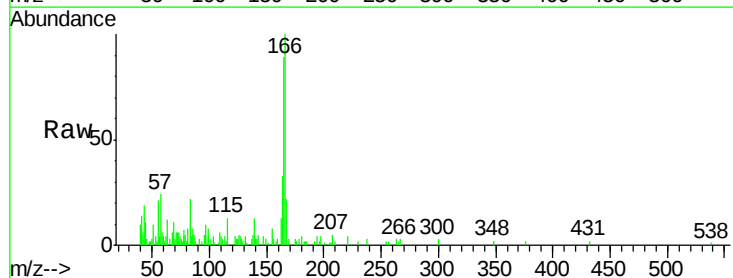
Tgt Ion:166 Resp: 16871

Ion Ratio Lower Upper

166 100

165 89.4 79.7 119.5

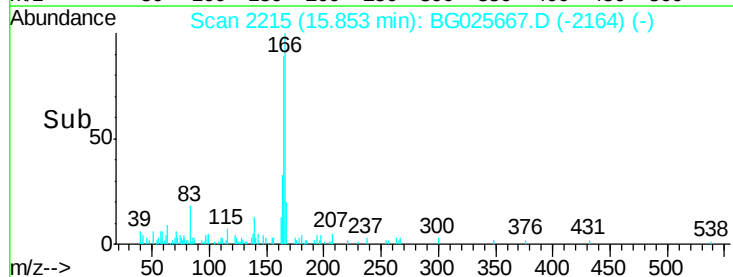
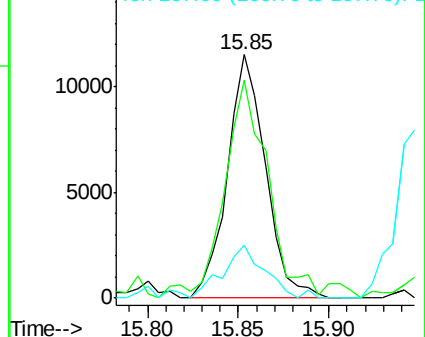
167 22.0 11.4 17.2#

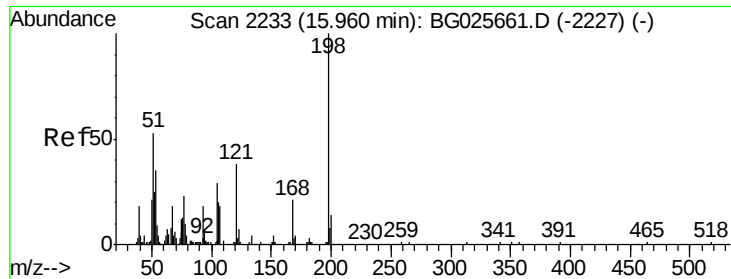


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

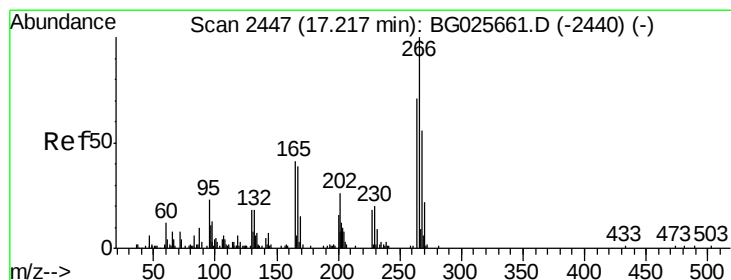
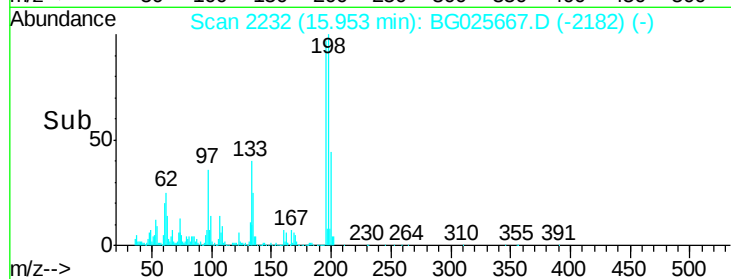
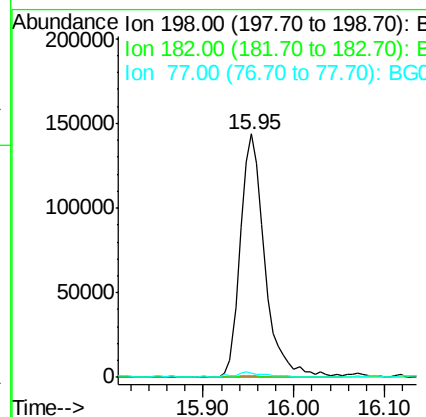
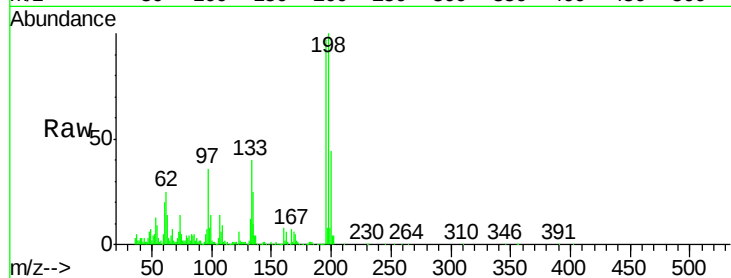




#63
 4,6-Dinitro-2-methylphenol
 Concen: 81.82 ng/ul
 RT: 15.95 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG025667.D
 Acq: 26 Jan 2017 15:17

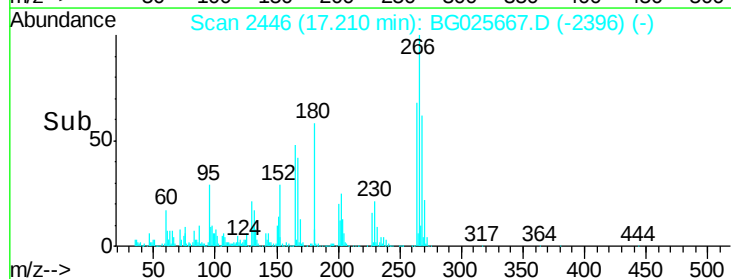
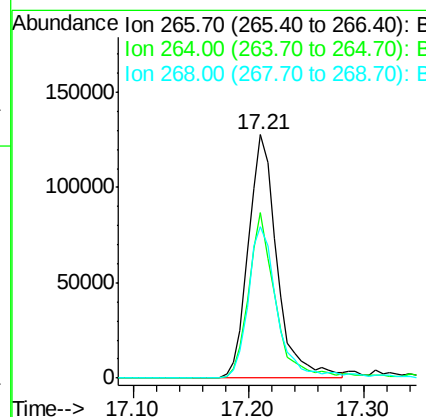
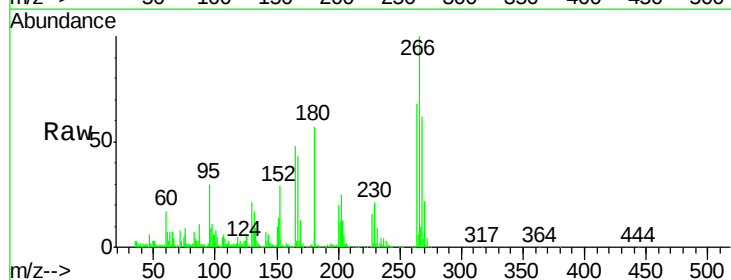
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 BNA_G
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 DA9R9DL

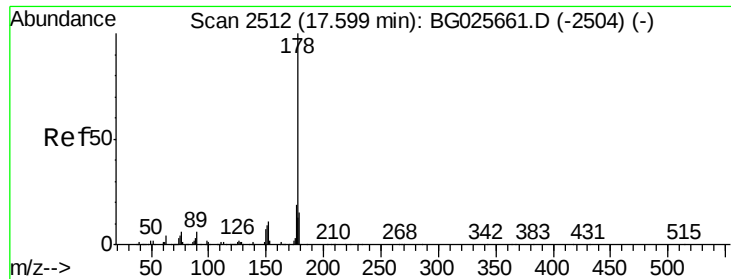
Tgt Ion:198 Resp: 272752
 Ion Ratio Lower Upper
 198 100
 182 0.8 5.8 6.4#
 77 1.9 22.1 33.9#



#68
 Pentachlorophenol
 Concen: 76.77 ng/ul
 RT: 17.21 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG025667.D
 Acq: 26 Jan 2017 15:17

Tgt Ion:266 Resp: 220823
 Ion Ratio Lower Upper
 266 100
 264 68.2 47.1 70.7
 268 62.0 56.2 84.4





#69

Phenanthrene

Concen: 2.86 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG025667.D

Acq: 26 Jan 2017 15:17

Instrument :

BNA_G

ClientSampleId :

DA9R9DL

Tgt Ion:178 Resp: 72762

Ion Ratio Lower Upper

178 100

179 12.4 12.4 18.6#

176 23.0 16.5 24.7

