

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025668.D
 Acq On : 26 Jan 2017 15:56
 Operator : SJ/MA
 Sample : I1387-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA9Q6DL

Manual Integrations
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Quant Time: Jan 27 10:41:43 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	63553	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	306243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	244517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	529184	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	635980	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	632186	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	166	0.13	ng/uL	0.00
5) Phenol-d5	7.36	99	7675	1.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.50	67	26144	7.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	20096	5.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	15283	3.30	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	15671	7.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	20341	7.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	29233	5.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	712	0.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	124282	7.20	ng/ul	0.02
46) Acenaphthylene-d8	14.51	160	145495	7.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	436	0.18	ng/ul	-0.01
57) Fluorene-d10	15.79	176	115563	7.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	174618	7.75	ng/ul	0.00
76) Pyrene-d10	19.94	212	209212	7.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	199005	7.49	ng/ul	0.00

Target Compounds

					Qvalue
16) 4-Methylphenol	8.98	108	5867m	1.26	ng/ul
21) Isophorone	9.92	82	66685	5.11	ng/ul
28) Naphthalene	11.06	128	2790422	197.36	ng/ul#
34) 2-Methylnaphthalene	12.64	142	561009	48.60	ng/ul
39) 2,4,5-Trichlorophenol	13.34	196	556364	119.02	ng/ul
40) 1,1'-Biphenyl	13.64	154	104665	6.91	ng/ul
49) Acenaphthene	14.87	153	179776	13.90	ng/ul
53) Dibenzofuran	15.21	168	256828	12.92	ng/ul
55) 2,3,4,6-Tetrachlorophenol	15.44	232	122449	24.76	ng/ul#
58) Fluorene	15.85	166	147363	9.08	ng/ul#
68) Pentachlorophenol	17.21	266	296700	102.20	ng/ul
69) Phenanthrene	17.60	178	391710	15.23	ng/ul
71) Anthracene	17.69	178	42912m	1.66	ng/ul
72) Carbazole	17.97	167	617450	28.79	ng/ul
74) Fluoranthene	19.60	202	42966	1.42	ng/ul#

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

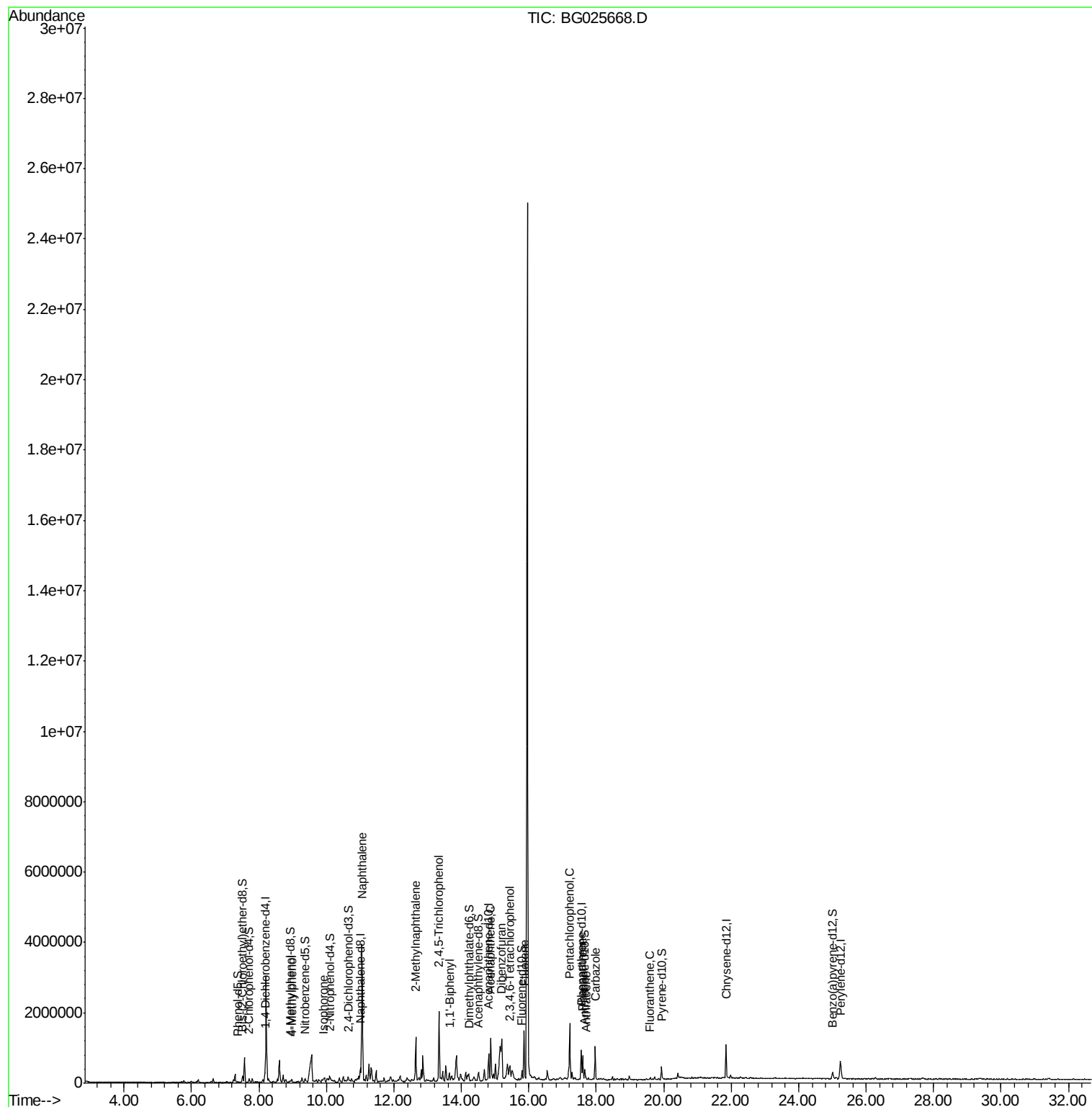
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

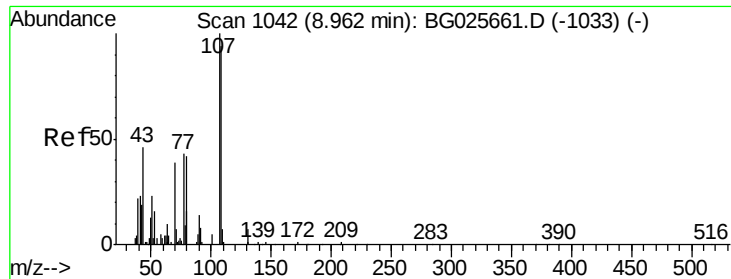
Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

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Quant Time: Jan 27 10:41:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





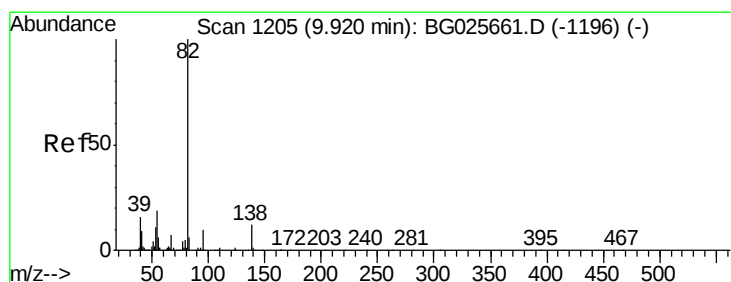
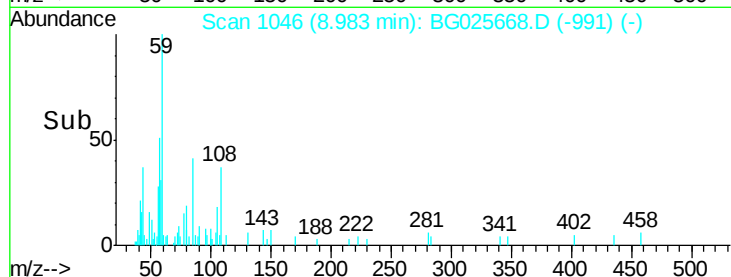
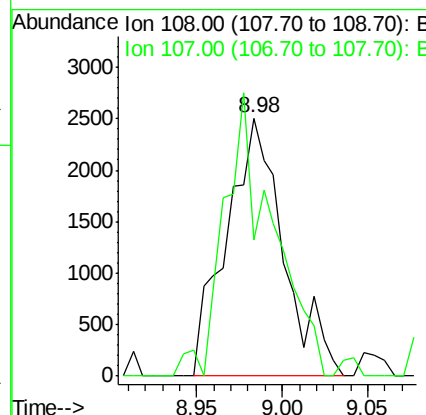
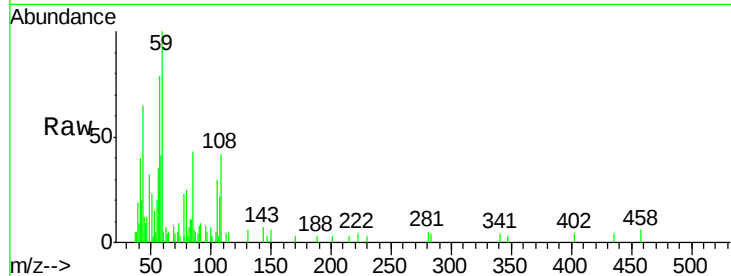
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4-Methylphenol
Concen: 1.26 ng/ul m
RT: 8.98 min Scan# 1046
Delta R.T. 0.02 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion:108 Resp: 5867
Ion Ratio Lower Upper
108 100
107 53.0 91.7 137.5#

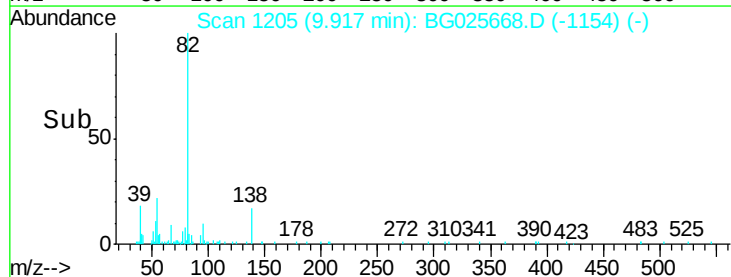
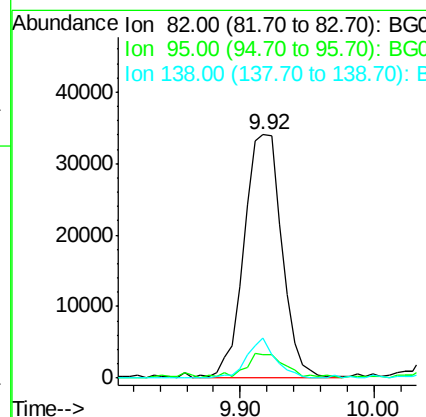
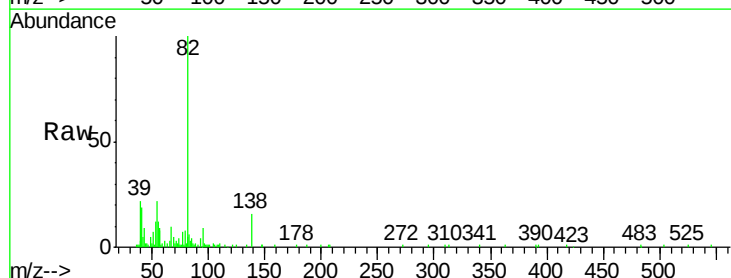
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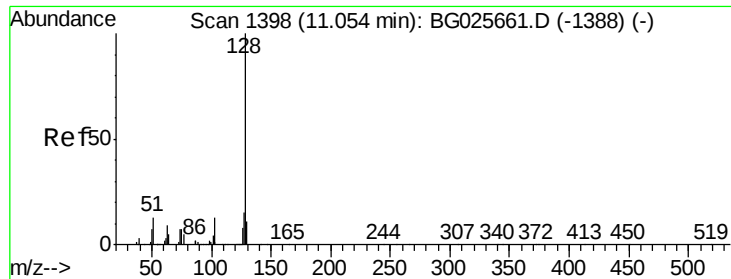
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#21
Isophorone
Concen: 5.11 ng/ul
RT: 9.92 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion: 82 Resp: 66685
Ion Ratio Lower Upper
82 100
95 9.4 7.8 11.6
138 16.3 12.2 18.2





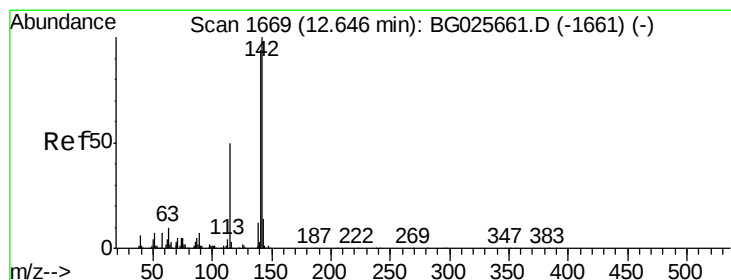
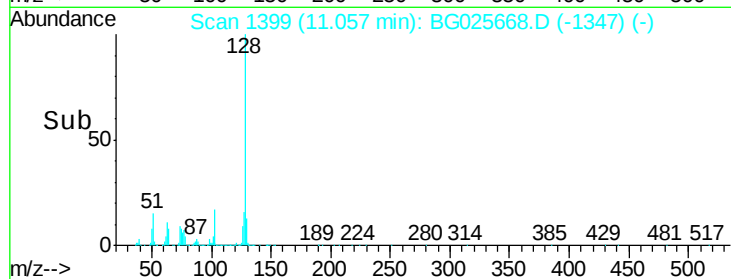
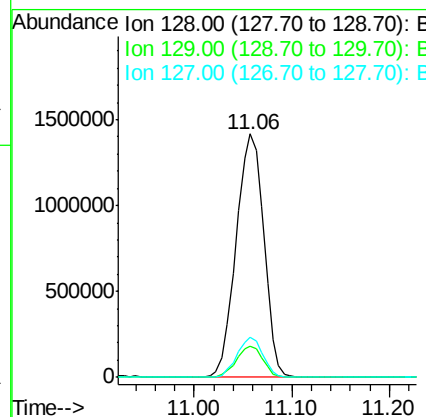
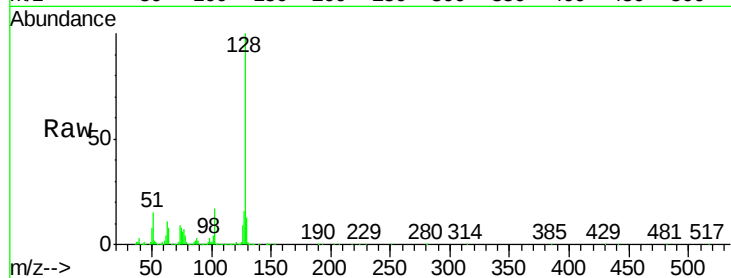
#28
Naphthalene
Concen: 197.36 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Instrument :
BNA_G
ClientSampleId :
DA9Q6DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.4	14.2
127	16.2	10.3	15.5

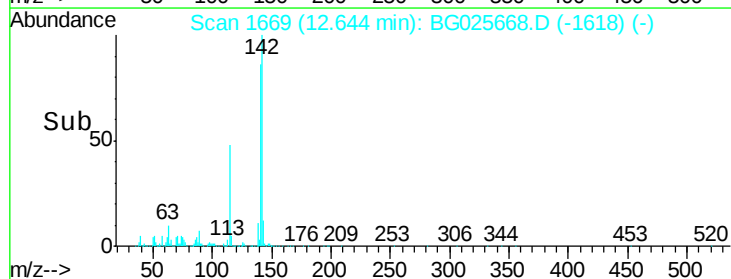
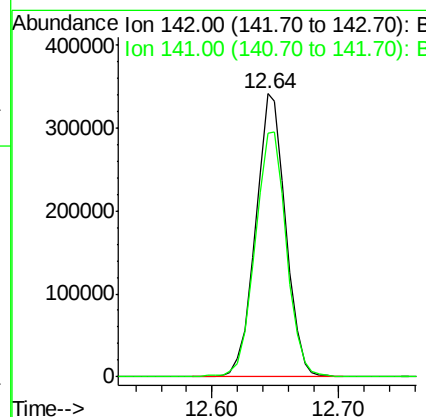
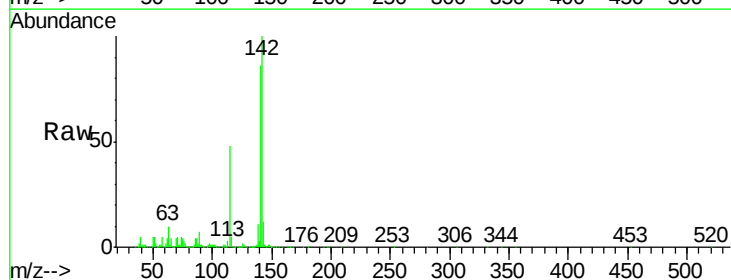
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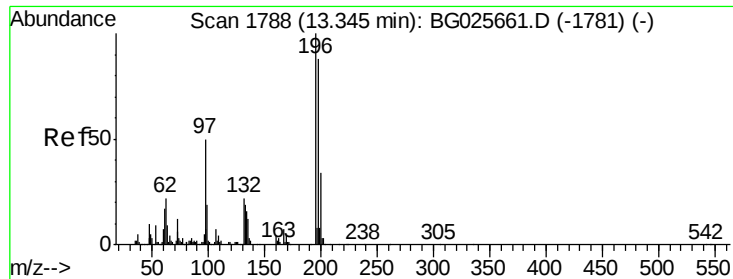
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#34
2-Methylnaphthalene
Concen: 48.60 ng/ul
RT: 12.64 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG025668.D
Acq: 26 Jan 2017 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	68.6	102.8





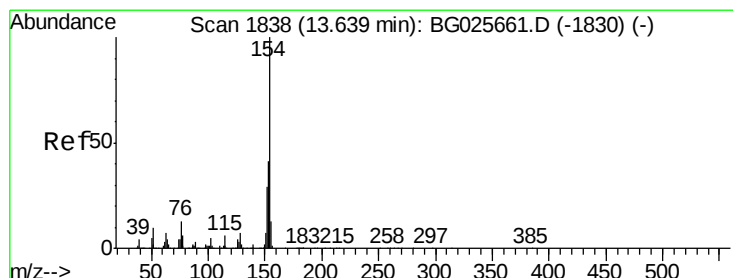
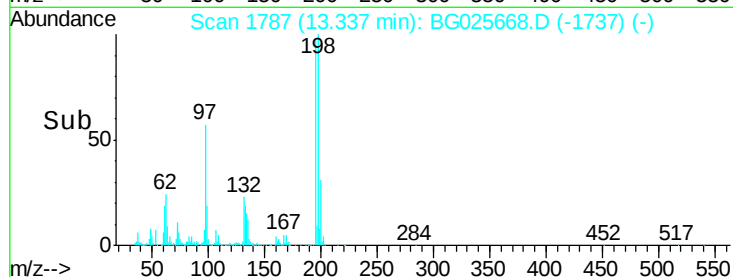
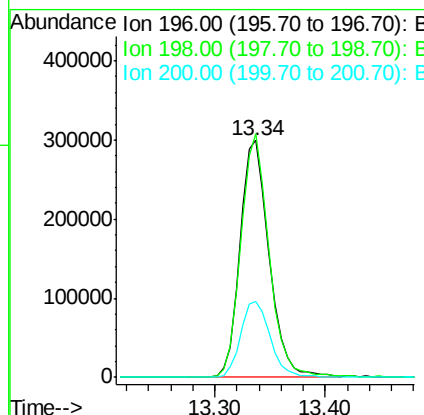
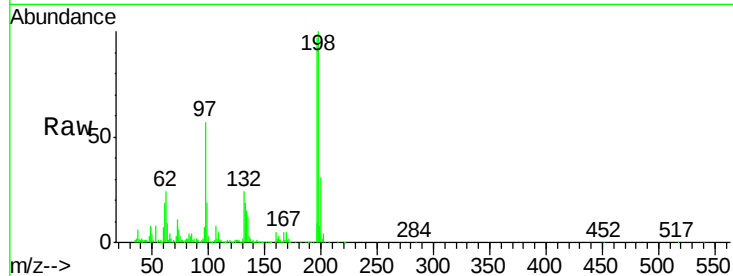
#39
 2,4,5-Trichlorophenol
 Concen: 119.02 ng/ul
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q6DL

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	556364		
198	102.8	78.6	118.0	
200	32.3	27.3	40.9	

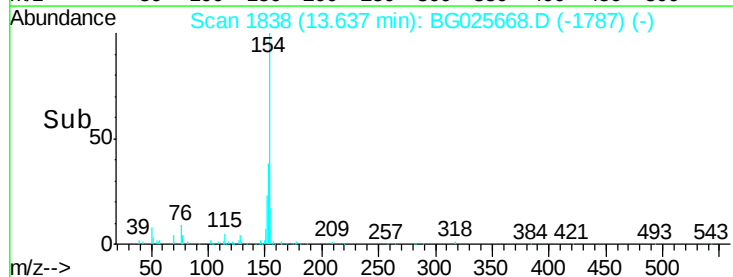
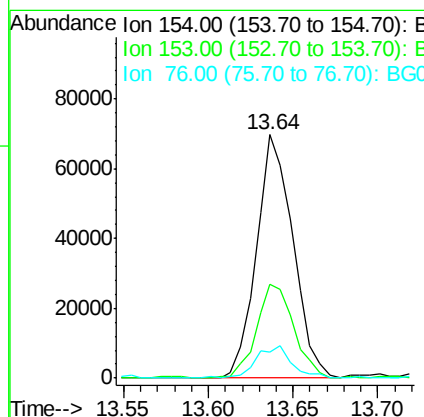
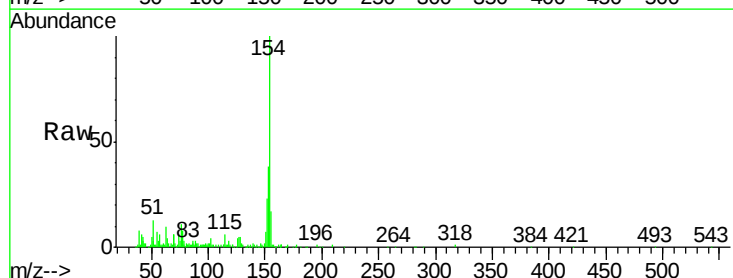
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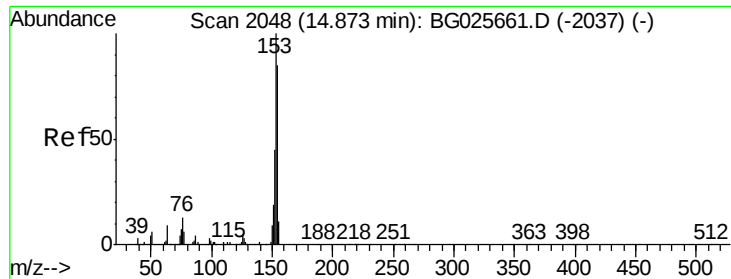
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#40
 1,1'-Biphenyl
 Concen: 6.91 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	104665		
153	38.4	32.2	48.2	
76	10.8	9.6	14.4	





#49

Acenaphthene

Concen: 13.90 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG025668.D

Acq: 26 Jan 2017 15:56

Instrument :

BNA_G

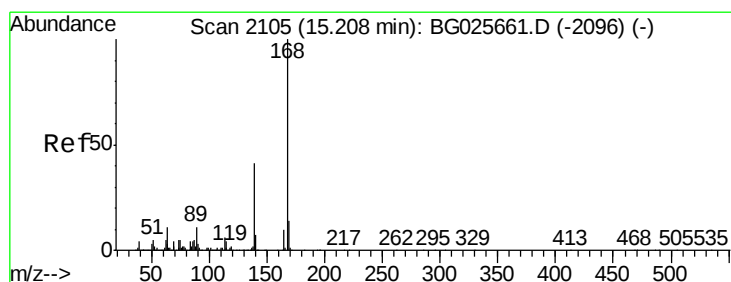
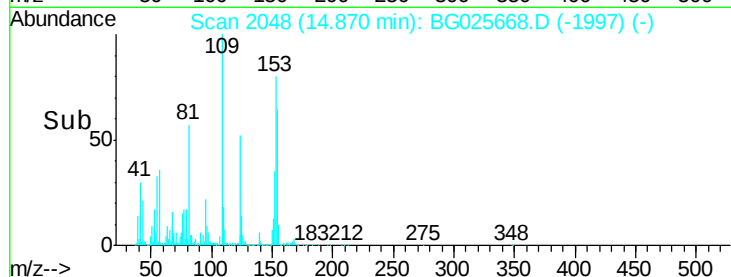
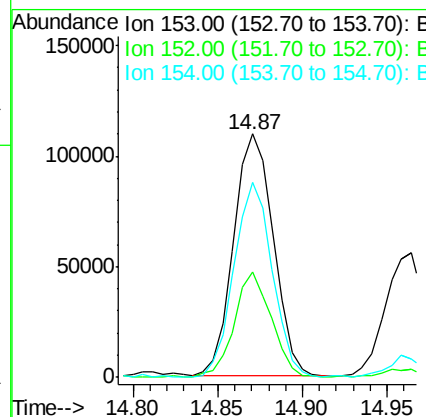
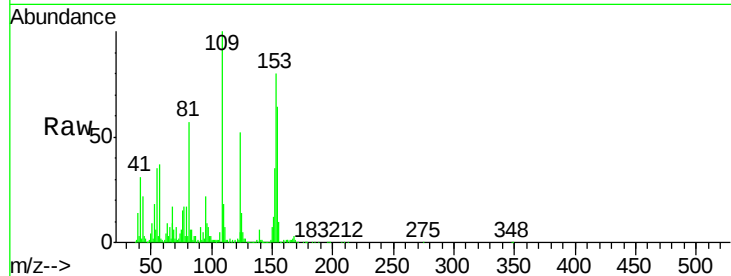
ClientSampleId :

DA9Q6DL

Tgt Ion:	153	Resp:	179776
Ion Ratio	Lower	Upper	
153	100		
152	43.5	36.5	54.7
154	80.3	72.3	108.5

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#53

Dibenzofuran

Concen: 12.92 ng/ul

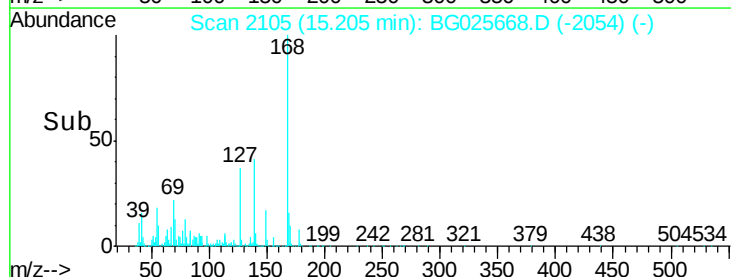
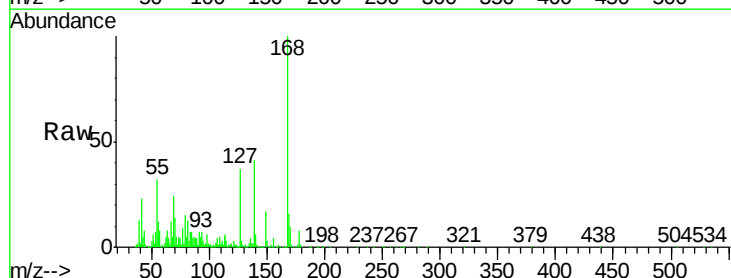
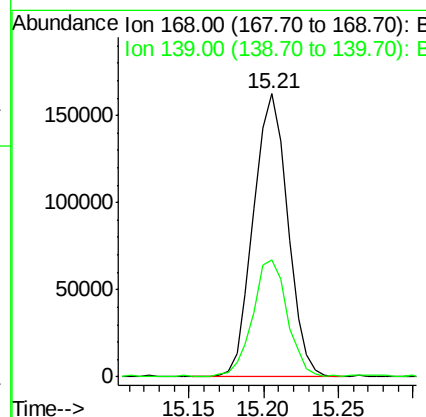
RT: 15.21 min Scan# 2105

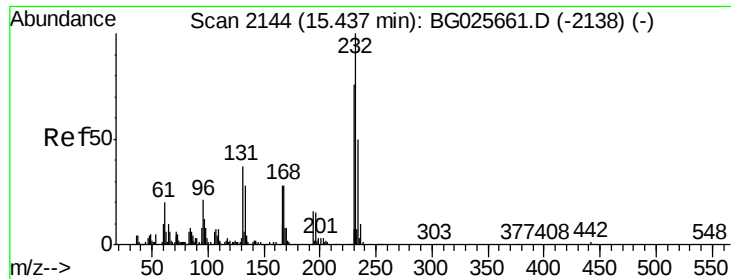
Delta R.T. -0.00 min

Lab File: BG025668.D

Acq: 26 Jan 2017 15:56

Tgt Ion:	168	Resp:	256828
Ion Ratio	Lower	Upper	
168	100		
139	41.3	33.8	50.8





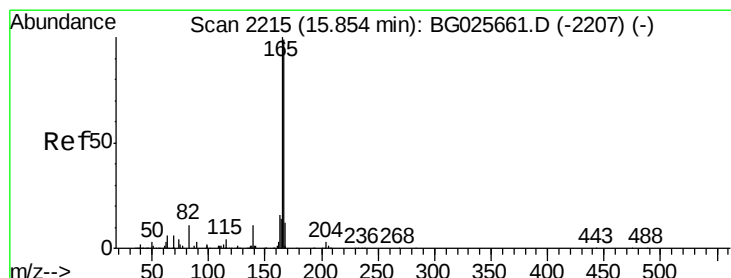
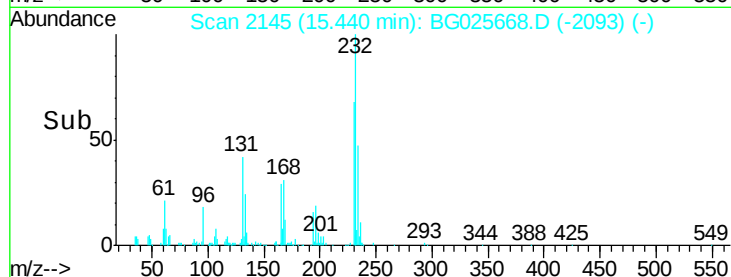
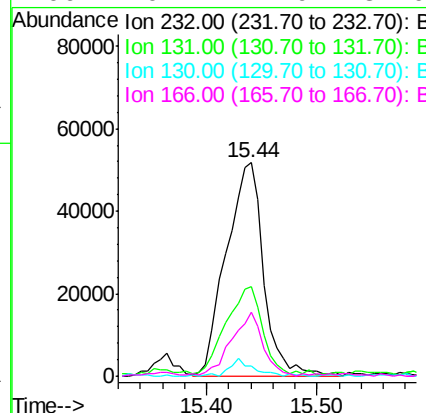
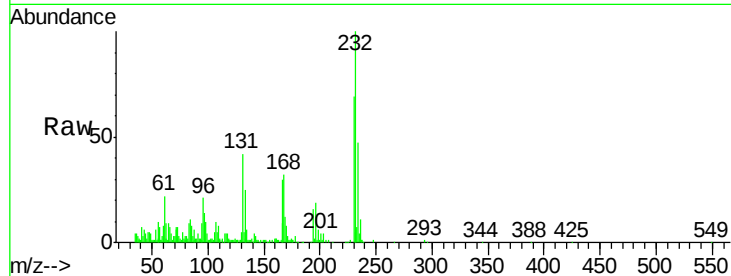
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 24.76 ng/ul
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q6DL

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	122449		
131	42.1	33.3	49.9	
130	4.6	1.8	2.6	
166	29.7	21.9	32.9	

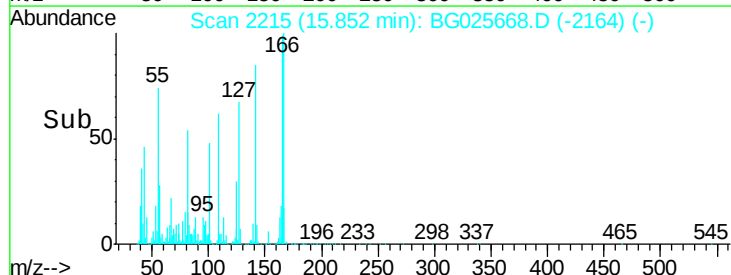
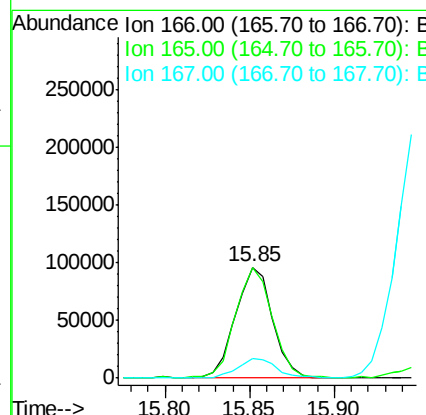
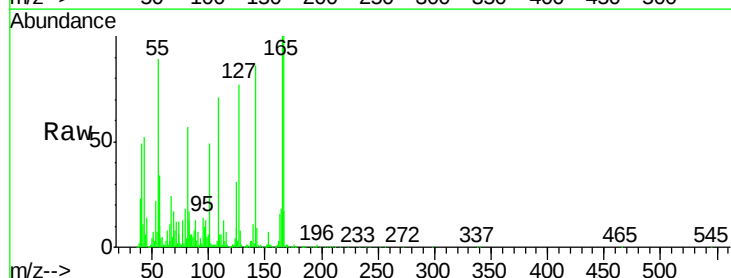
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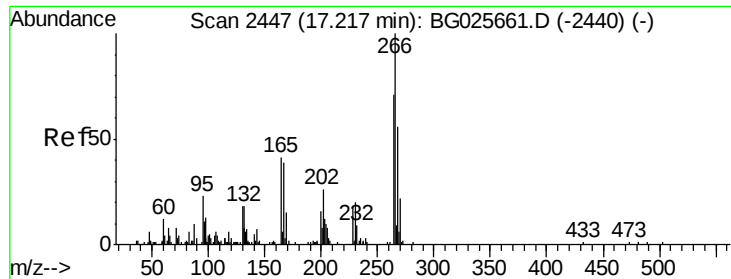
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#58
 Fluorene
 Concen: 9.08 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	147363		
165	99.6	79.7	119.5	
167	17.4	11.4	17.2	





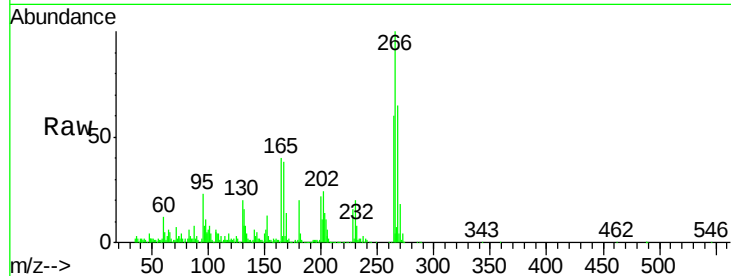
#68
 Pentachlorophenol
 Concen: 102.20 ng/ul
 RT: 17.21 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Instrument :
 BNA_G
 ClientSampleID :
 DA9Q6DL

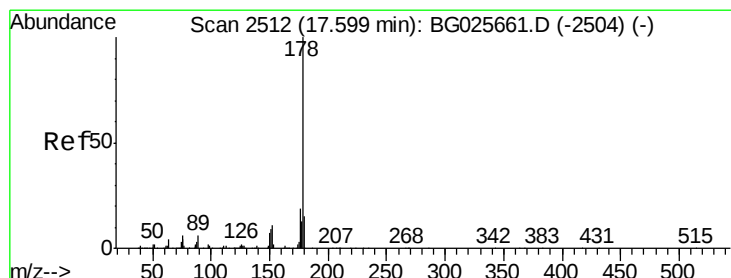
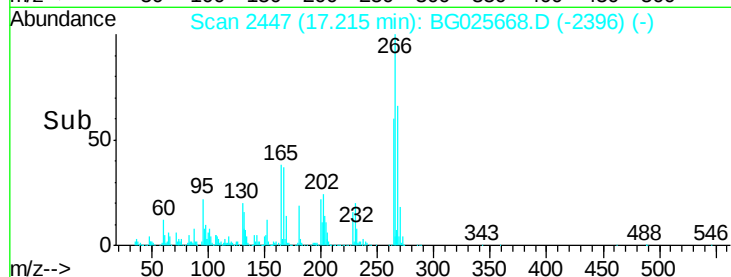
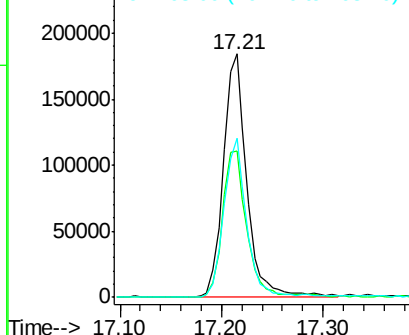
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	296700		
264	59.9		47.1	70.7
268	65.5		56.2	84.4

Manual Integrations
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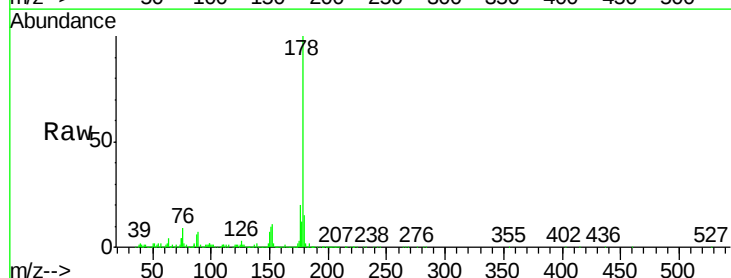


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

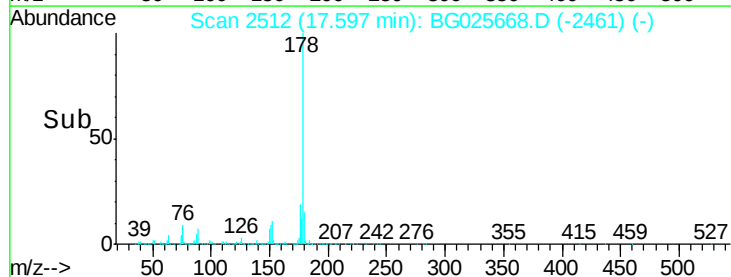
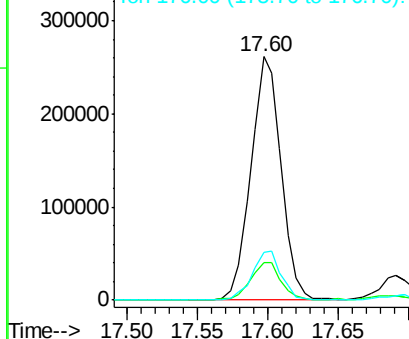


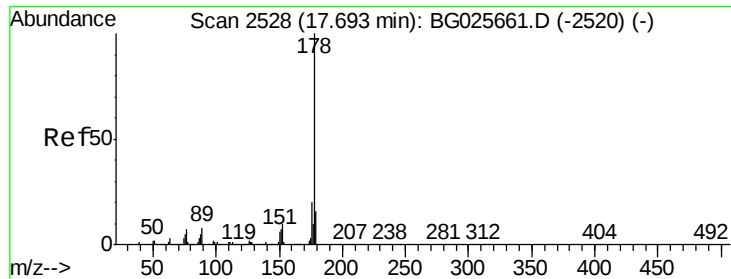
#69
 Phenanthrene
 Concen: 15.23 ng/ul
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	391710		
179	15.5		12.4	18.6
176	19.7		16.5	24.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.66 ng/ul m

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG025668.D

Acq: 26 Jan 2017 15:56

Instrument :

BNA_G

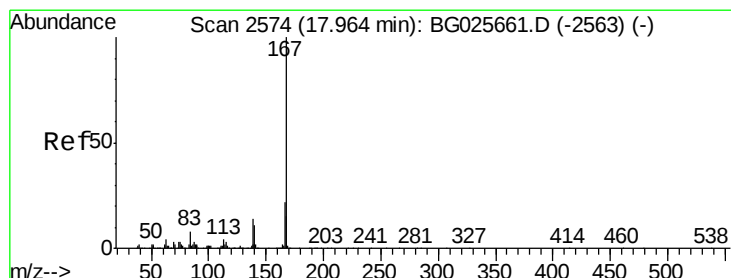
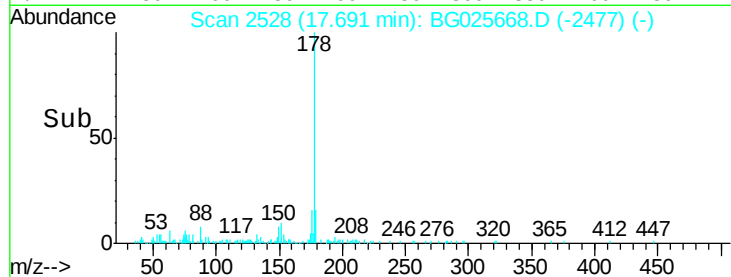
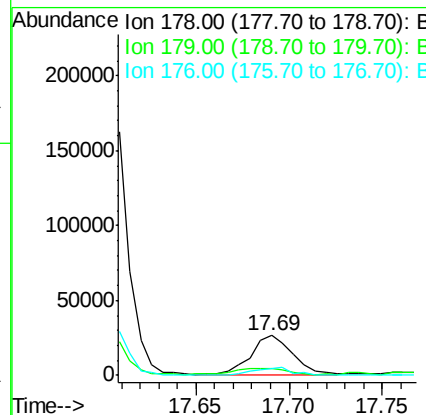
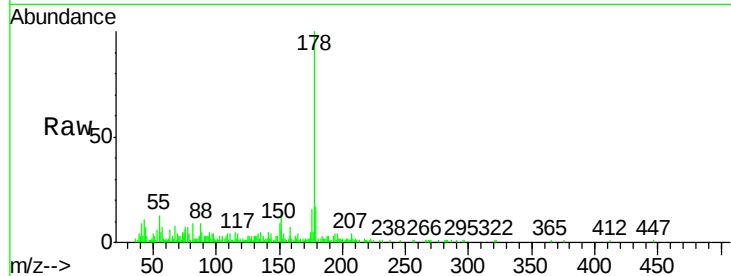
ClientSampleId :

DA9Q6DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	19.0
176	15.8	15.9	23.9#

Manual Integrations
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mohammad
1/27/2017 3:05:37 PM



#72

Carbazole

Concen: 28.79 ng/ul

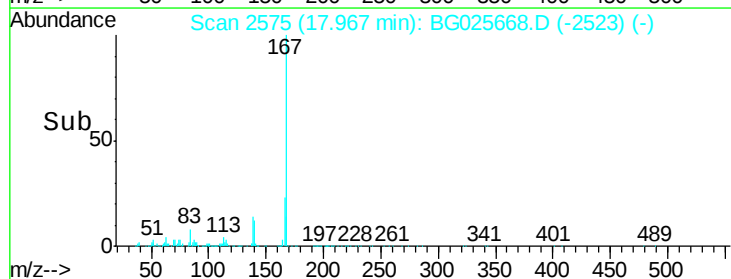
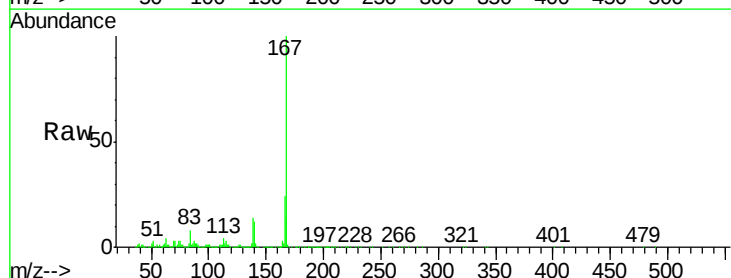
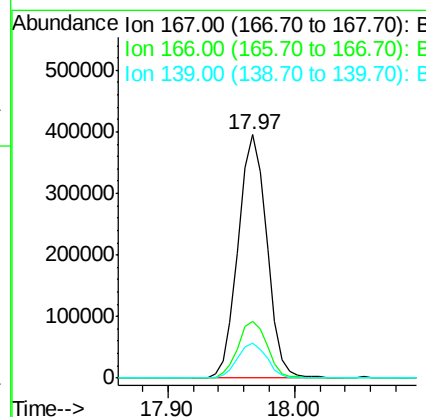
RT: 17.97 min Scan# 2575

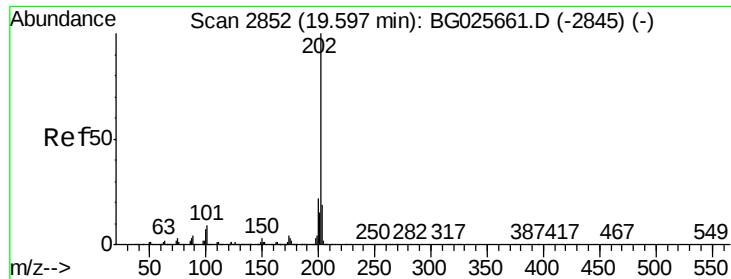
Delta R.T. 0.00 min

Lab File: BG025668.D

Acq: 26 Jan 2017 15:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.9	26.9
139	14.2	10.5	15.7





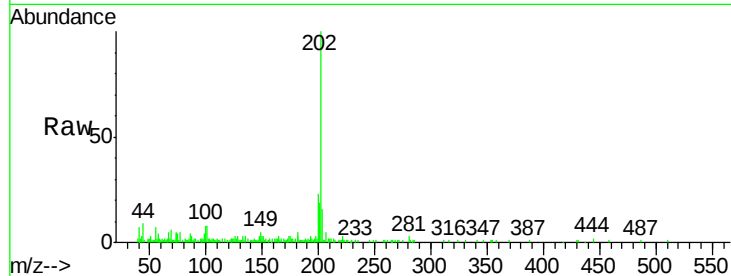
#74
 Fluoranthene
 Concen: 1.42 ng/ul
 RT: 19.60 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BG025668.D
 Acq: 26 Jan 2017 15:56

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	6.2	9.2
100	8.0	5.2	7.8

Manual Integrations
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 1/27/2017 3:05:37 PM



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

