

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025670.D
 Acq On : 26 Jan 2017 17:15
 Operator : SJ/MA
 Sample : I1387-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8DL

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:05:53 PM

Quant Time: Jan 27 10:58:49 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	65245	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	304644	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	244972	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	532111m	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	659812	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	652186	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	216	0.17	ng/uL	-0.01
5) Phenol-d5	7.38	99	6287m	1.12	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.50	67	26399	7.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	21476	5.45	ng/ul	0.02
13) 4-Methylphenol-d8	8.91	113	13996	2.94	ng/ul	0.02
19) Nitrobenzene-d5	9.37	128	14378	6.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	19850	7.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	27310	5.37	ng/ul	0.02
29) 4-Chloroaniline-d4	11.12	131	479	0.08	ng/ul	-0.03
43) Dimethylphthalate-d6	14.20	166	132477	7.66	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	155214	8.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	114	0.05	ng/ul	0.00
57) Fluorene-d10	15.79	176	123860	7.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.66	188	188947	8.34	ng/ul	0.00
76) Pyrene-d10	19.94	212	223873	8.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	207093	7.55	ng/ul	0.00

Target Compounds

						Qvalue
21) Isophorone	9.91	82	42233	3.25	ng/ul#	94
28) Naphthalene	11.05	128	559816	39.80	ng/ul	96
34) 2-Methylnaphthalene	12.65	142	91474	7.97	ng/ul	97
39) 2,4,5-Trichlorophenol	13.36	196	32194	6.87	ng/ul#	80
40) 1,1'-Biphenyl	13.64	154	21907	1.44	ng/ul	93
53) Dibenzofuran	15.21	168	65341	3.28	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.42	232	108113m	21.82	ng/ul	
68) Pentachlorophenol	17.22	266	2155315	738.33	ng/ul	93
69) Phenanthrene	17.60	178	97957m	3.79	ng/ul	
72) Carbazole	17.97	167	116158	5.39	ng/ul	97

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

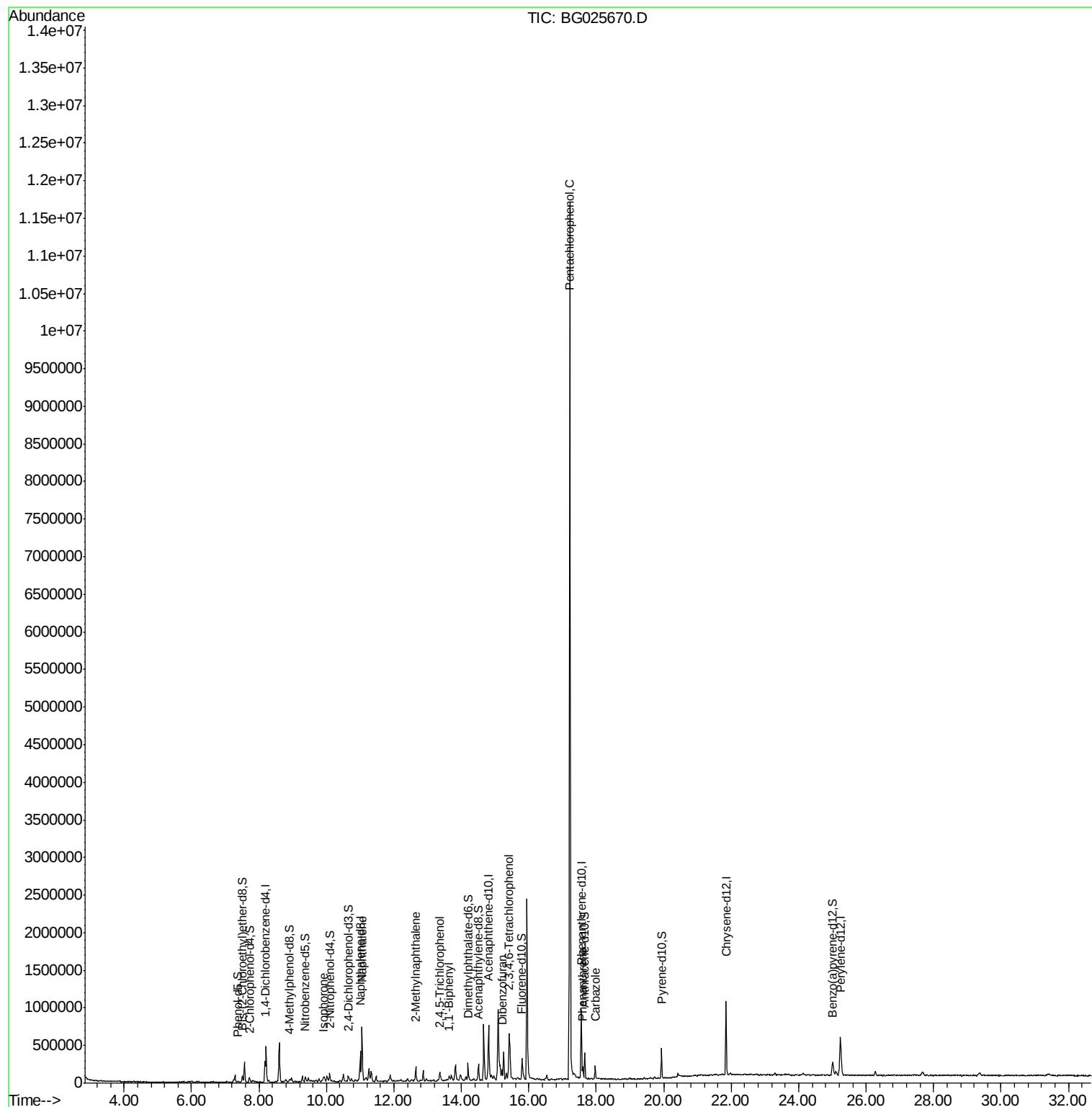
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025670.D
Acq On : 26 Jan 2017 17:15
Operator : SJ/MA
Sample : I1387-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

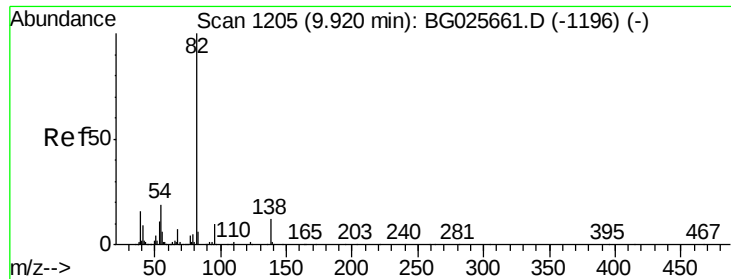
Instrument :
BNA_G
ClientSampleId :
DA9Q8DL

Manual Integrations
APPROVED

mohammad
1/27/2017 3:05:53 PM

Quant Time: Jan 27 10:58:49 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





#21

Isophorone

Concen: 3.25 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Instrument :

BNA_G

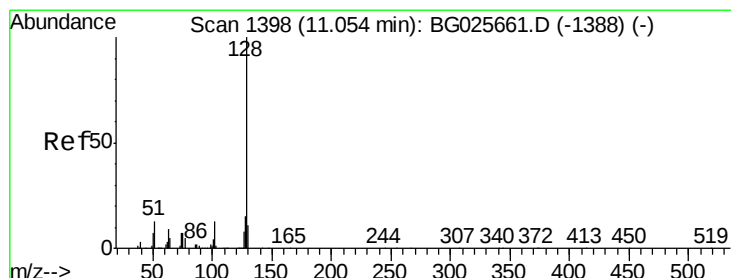
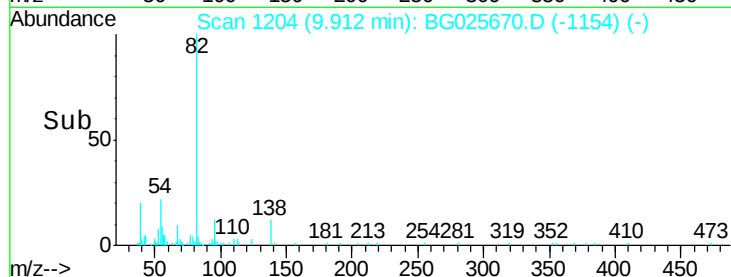
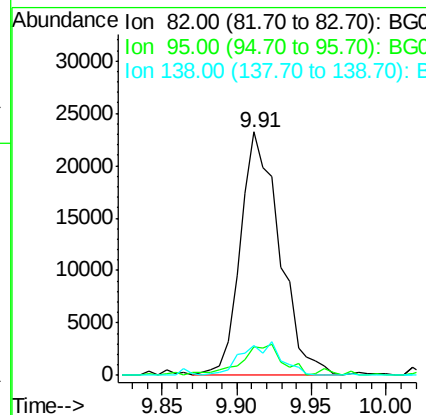
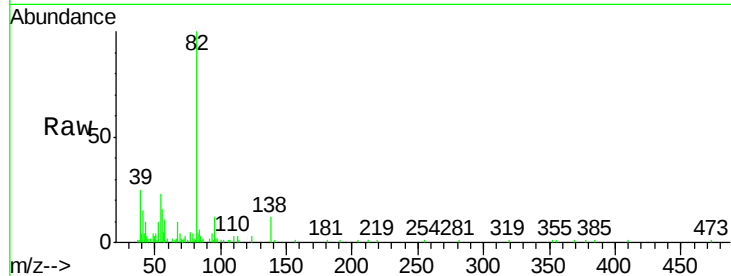
ClientSampleId :

DA9Q8DL

Tgt Ion:	82	Resp:	42233
Ion Ratio	Lower	Upper	
82	100		
95	11.7	7.8	11.6#
138	12.5	12.2	18.2

Manual Integrations
APPROVED

mohammad
1/27/2017 3:05:53 PM



#28

Naphthalene

Concen: 39.80 ng/ul

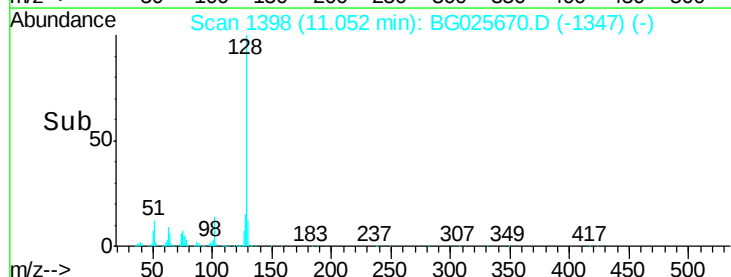
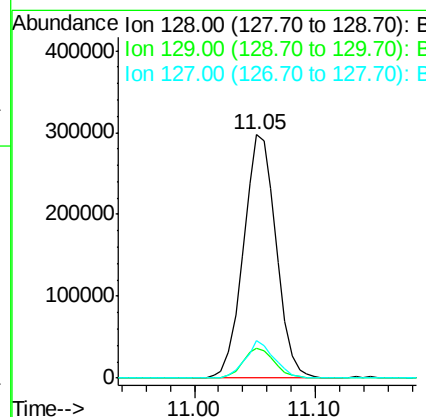
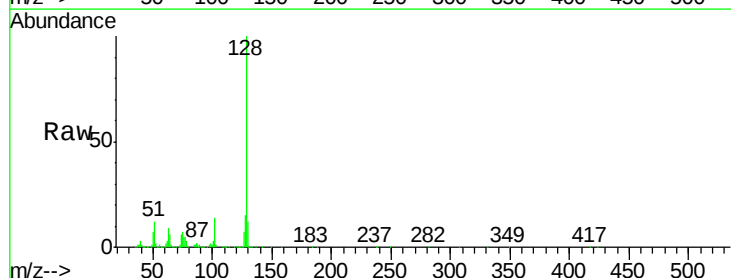
RT: 11.05 min Scan# 1398

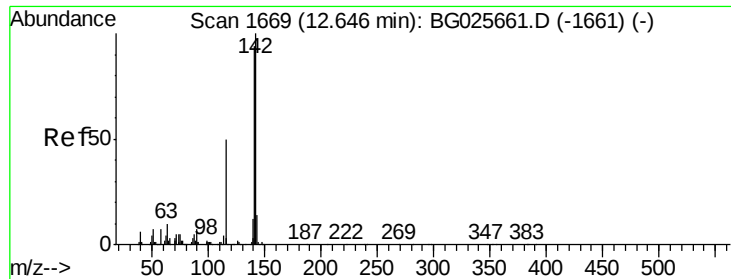
Delta R.T. -0.00 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Tgt Ion:	128	Resp:	559816
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.4	14.2
127	15.2	10.3	15.5





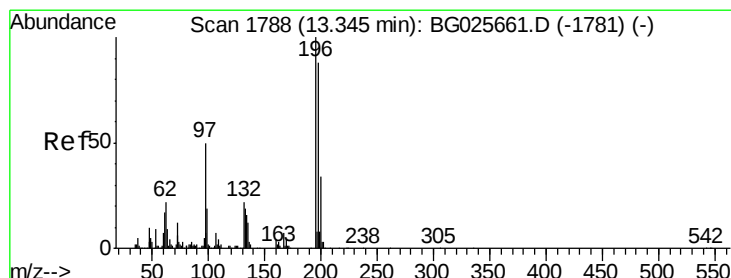
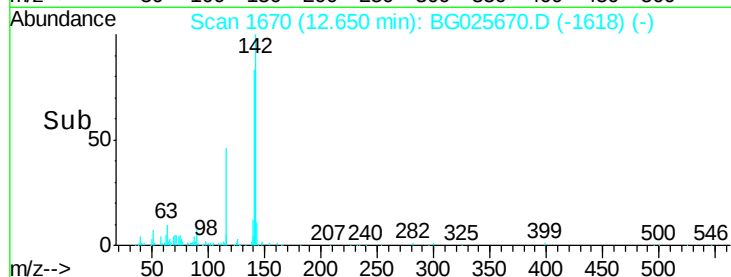
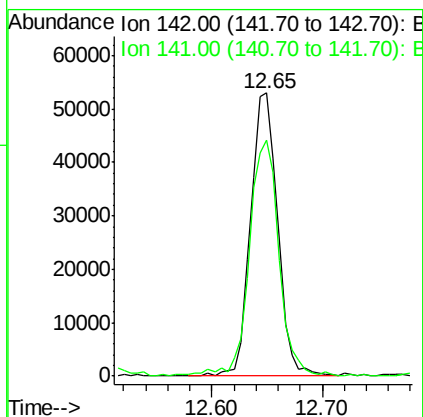
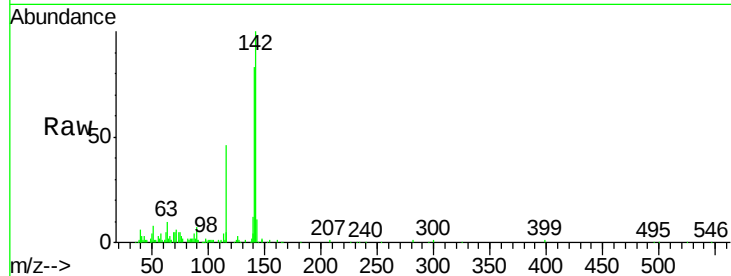
#34
2-Methylnaphthalene
Concen: 7.97 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG025670.D
Acq: 26 Jan 2017 17:15

Instrument :
BNA_G
ClientSampleId :
DA9Q8DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.3	68.6	102.8

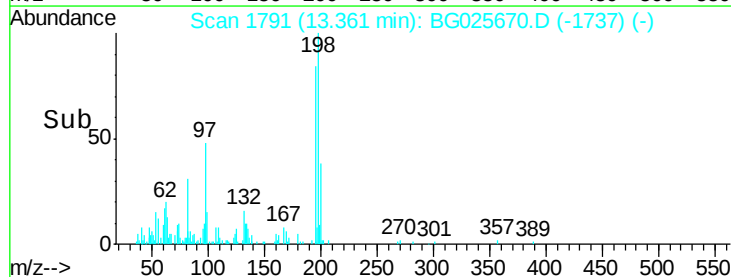
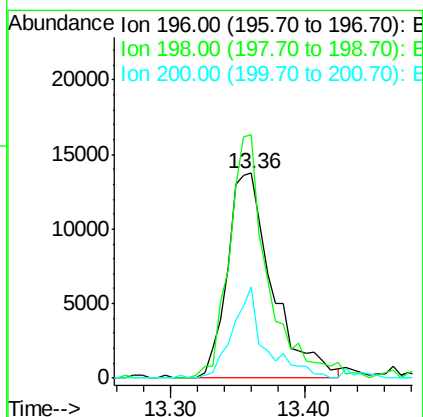
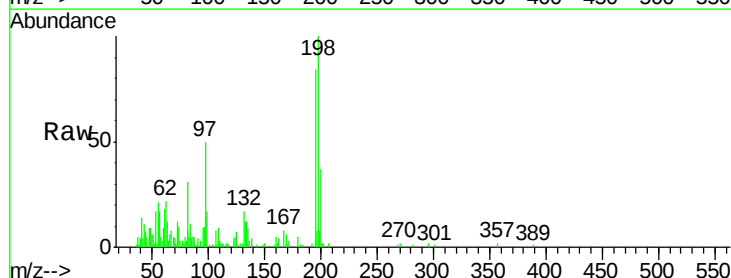
Manual Integrations
APPROVED

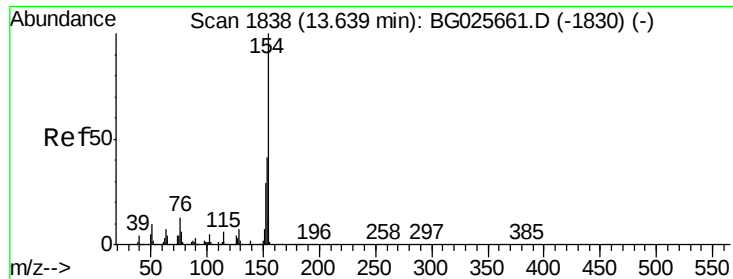
mohammad
1/27/2017 3:05:53 PM



#39
2,4,5-Trichlorophenol
Concen: 6.87 ng/ul
RT: 13.36 min Scan# 1791
Delta R.T. 0.02 min
Lab File: BG025670.D
Acq: 26 Jan 2017 17:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	118.9	78.6	118.0#
200	44.4	27.3	40.9#





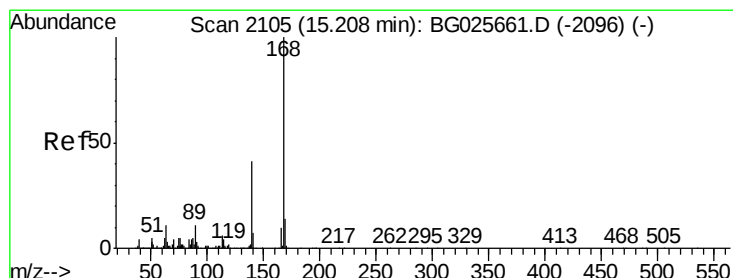
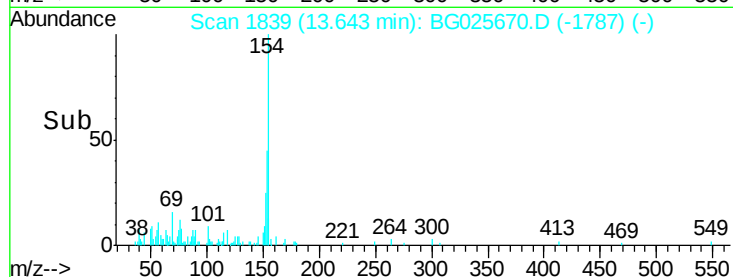
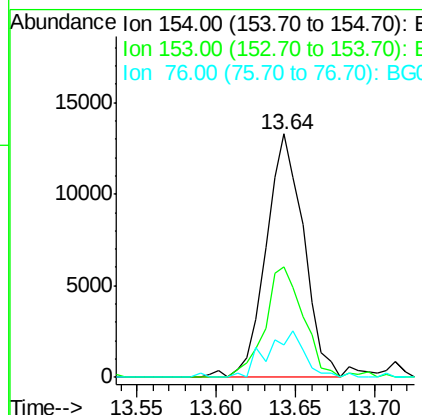
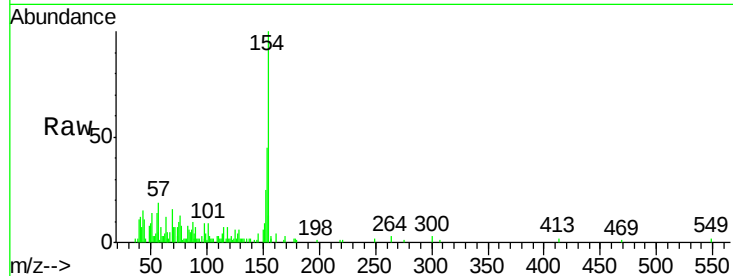
#40
 1,1'-Biphenyl
 Concen: 1.44 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q8DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.4	32.2	48.2
76	13.5	9.6	14.4

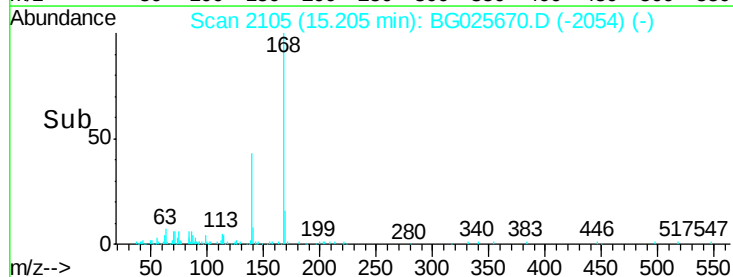
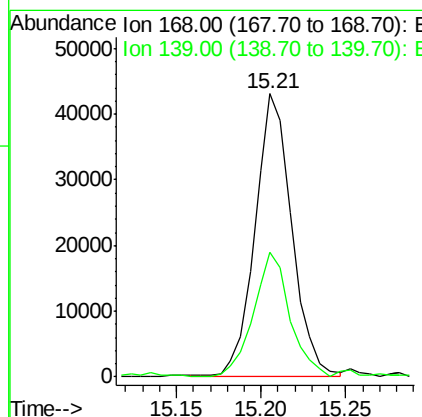
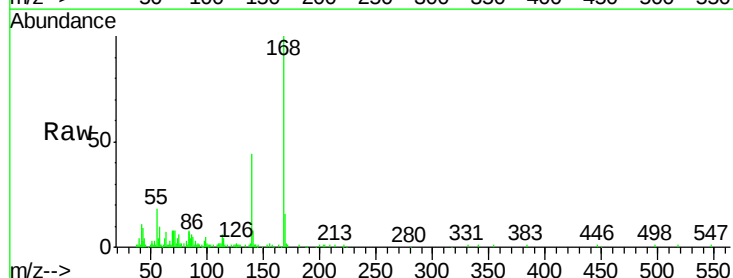
Manual Integrations
 APPROVED

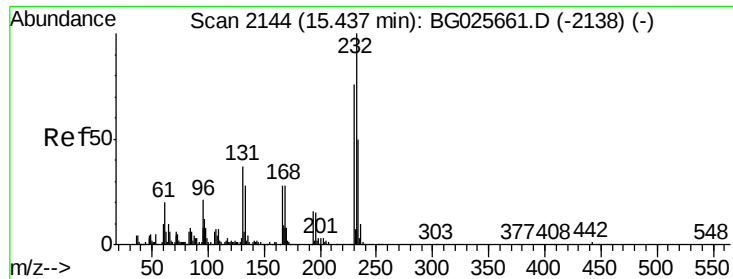
mohammad
 1/27/2017 3:05:53 PM



#53
 Dibenzofuran
 Concen: 3.28 ng/ul
 RT: 15.21 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.0	33.8	50.8





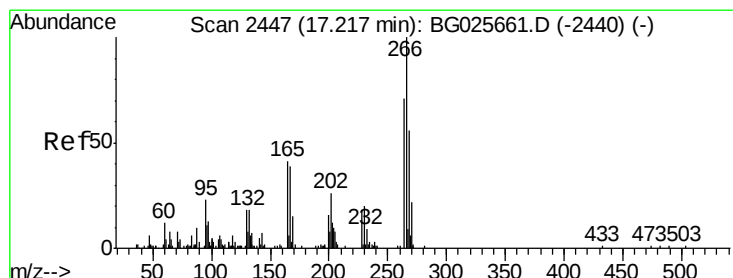
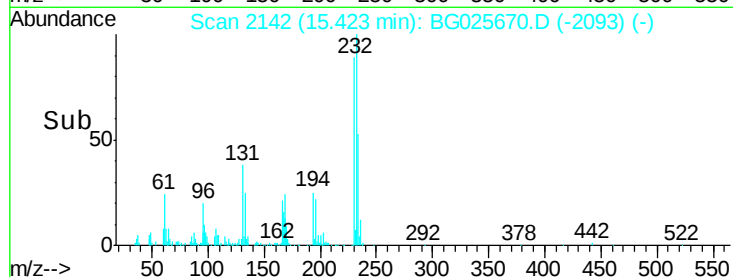
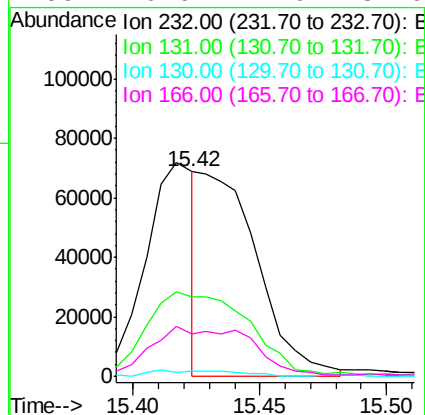
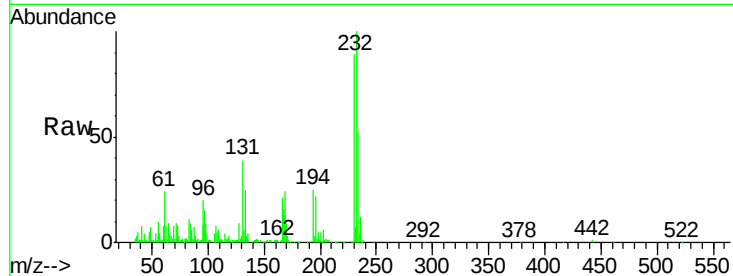
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.82 ng/ul m
 RT: 15.42 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Instrument :
 BNA_G
 ClientSampled :
 DA9Q8DL

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	108113		
131	38.8	33.3	49.9	
130	2.7	1.8	2.6	#
166	20.6	21.9	32.9	#

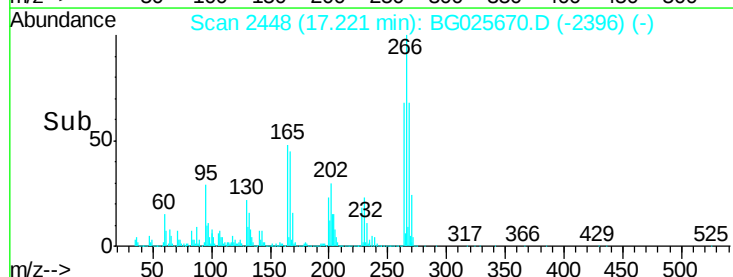
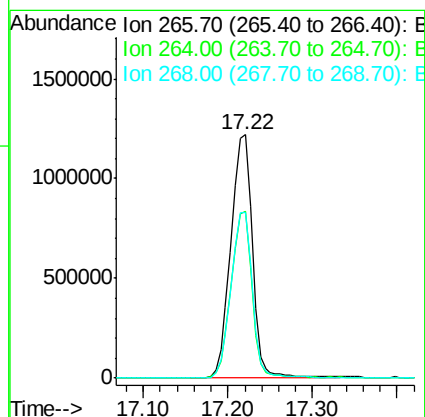
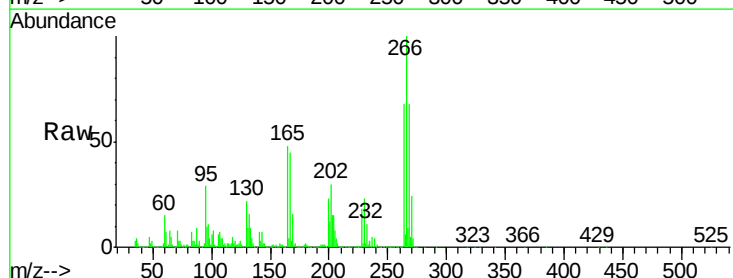
Manual Integrations
 APPROVED

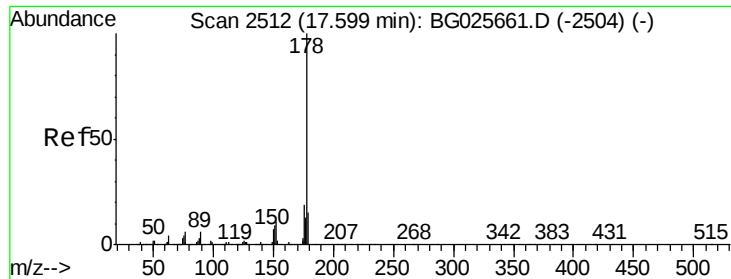
mohammad
 1/27/2017 3:05:53 PM



#68
 Pentachlorophenol
 Concen: 738.33 ng/ul
 RT: 17.22 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BG025670.D
 Acq: 26 Jan 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	2155315		
264	68.4	47.1	70.7	
268	68.0	56.2	84.4	





#69

Phenanthrene

Concen: 3.79 ng/ul m

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Instrument :

BNA_G

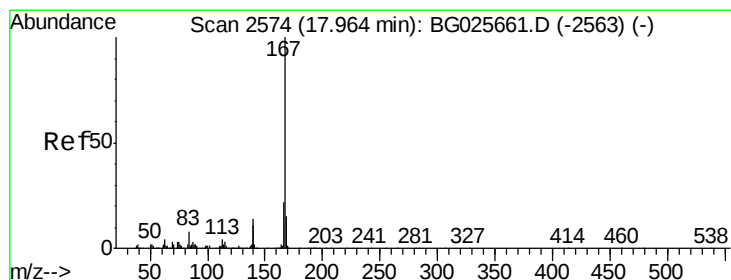
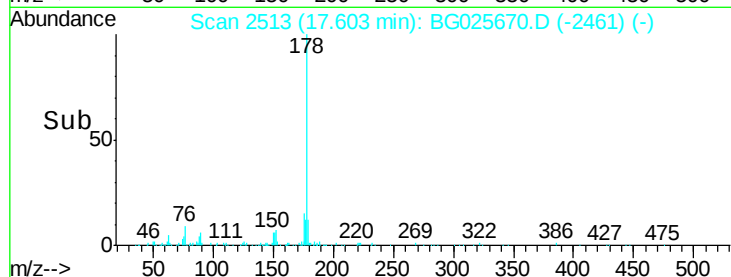
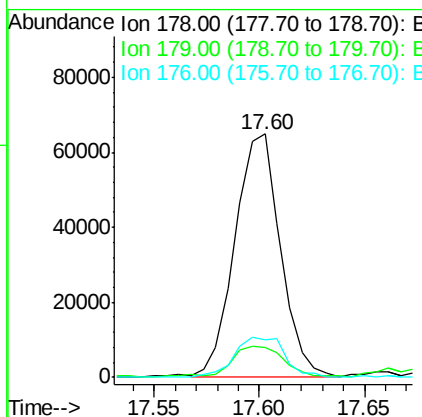
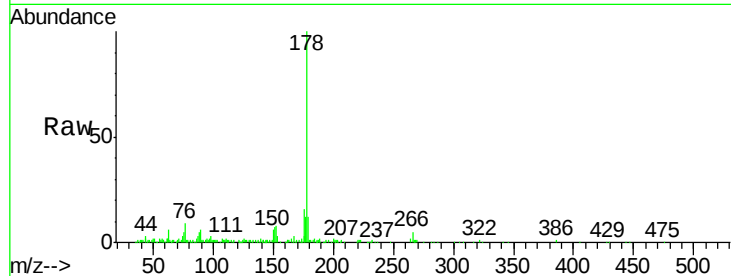
ClientSampleId :

DA9Q8DL

Tgt Ion:	178	Resp:	97957
Ion Ratio	Lower	Upper	
178	100		
179	12.3	12.4	18.6#
176	15.6	16.5	24.7#

Manual Integrations
APPROVED

mohammad
1/27/2017 3:05:53 PM



#72

Carbazole

Concen: 5.39 ng/ul

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG025670.D

Acq: 26 Jan 2017 17:15

Tgt Ion:	167	Resp:	116158
Ion Ratio	Lower	Upper	
167	100		
166	24.2	17.9	26.9
139	12.7	10.5	15.7

