

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011317\
 Data File : BG025513.D
 Acq On : 13 Jan 2017 16:18
 Operator : UM/SJ
 Sample : I1159-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:29:53 AM

Quant Time: Jan 13 17:01:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 18:33:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	85505	20.00	ng/ul	0.02
18) Naphthalene-d8	11.04	136	284724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	207532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	482747m	20.00	ng/ul	0.00
77) Chrysene-d12	21.86	240	711663	20.00	ng/ul	0.00
85) Perylene-d12	25.26	264	734953	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	1202m	0.76	ng/uL	0.00
5) Phenol-d5	7.37	99	30198	4.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	115542	26.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	102227	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	61797	11.12	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	67631	34.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	83110	35.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	129019	29.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	1232	0.24	ng/ul	0.02
43) Dimethylphthalate-d6	14.22	166	488034	34.14	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	493900	31.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	14174m	7.14	ng/ul	0.05
57) Fluorene-d10	15.81	176	441835	33.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	107974	35.18	ng/ul	0.00
70) Anthracene-d10	17.67	188	684402	33.42	ng/ul	0.00
78) Pyrene-d10	19.94	212	949367	34.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.02	264	984176	32.39	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	9.43	77	352562	55.72	ng/ul#	80
23) 2-Nitrophenol	10.15	139	8917	3.55	ng/ul#	68
28) Naphthalene	11.08	128	14551	1.12	ng/ul#	92
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	237065	34.43	ng/ul#	96
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	696100	103.14	ng/uL	99
73) Pentachlorobenzene	15.14	250	21164	3.01	ng/uL	92

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

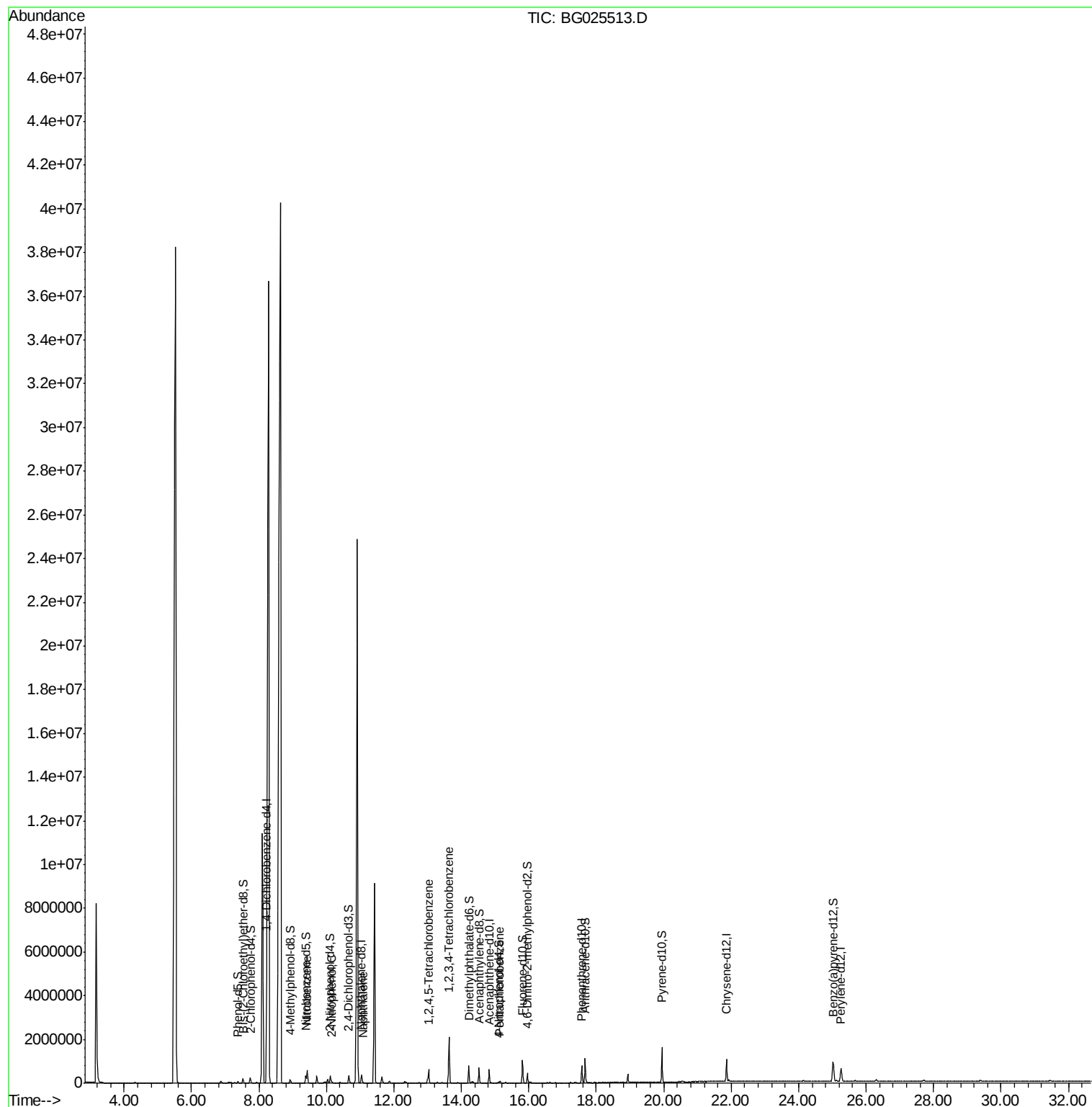
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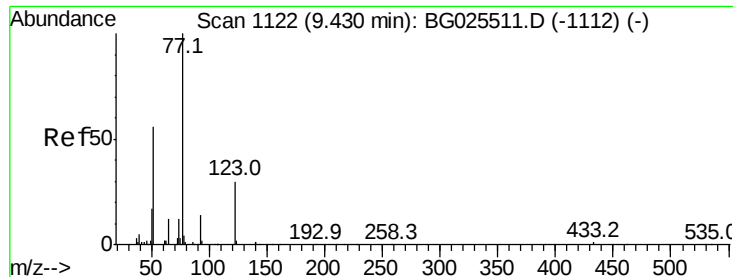
Instrument :
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Quant Title : SVOA CALIBRATION
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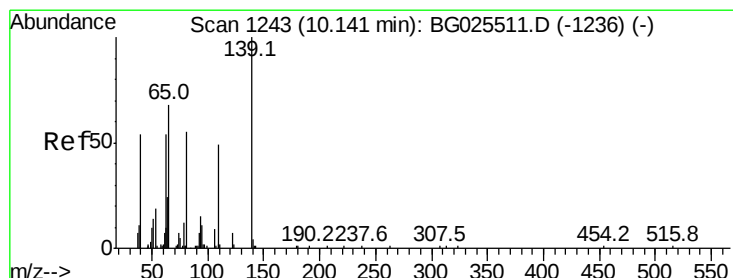
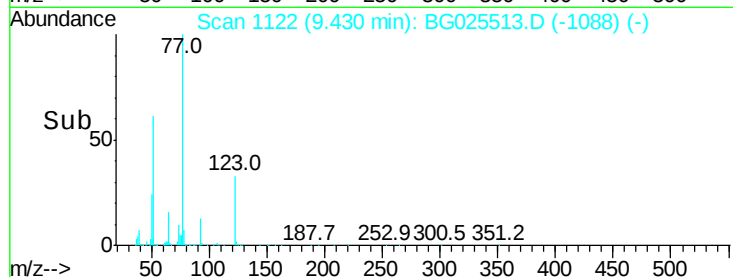
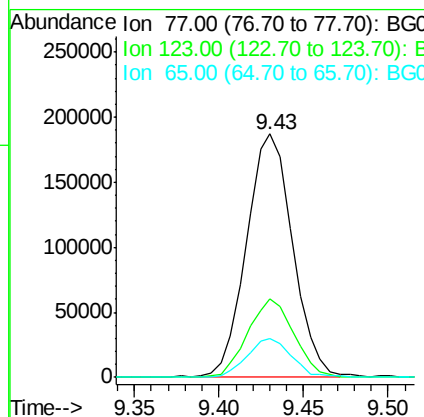
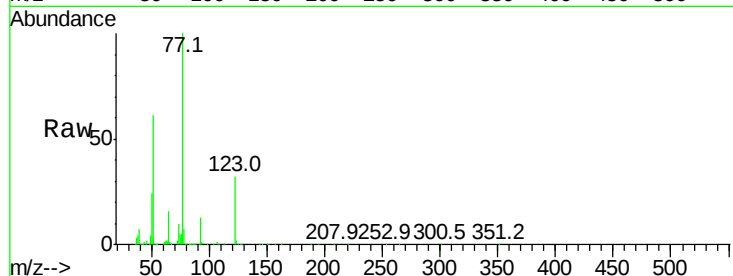
#20
Nitrobenzene
Concen: 55.72 ng/ul
RT: 9.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG025513.D
Acq: 13 Jan 2017 16:18

Instrument :
BNA_G
ClientSampleId :
C0AA0

Tot Ion	Ratio	Lower	Upper
77	100		
123	32.5	39.0	58.4#
65	16.0	10.4	15.6#

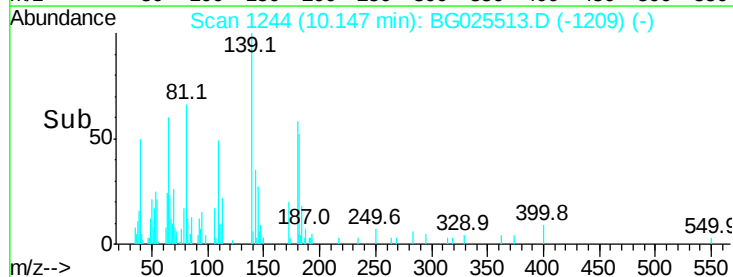
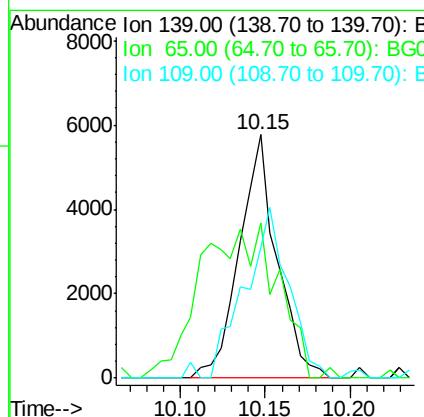
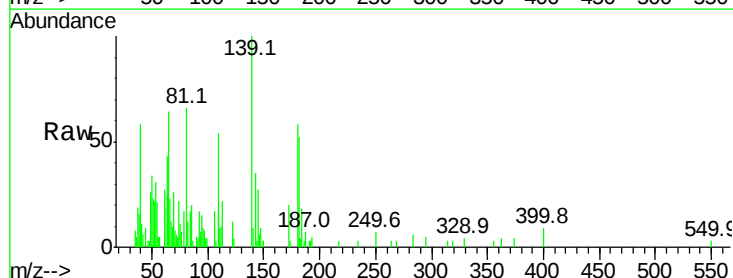
Manual Integrations
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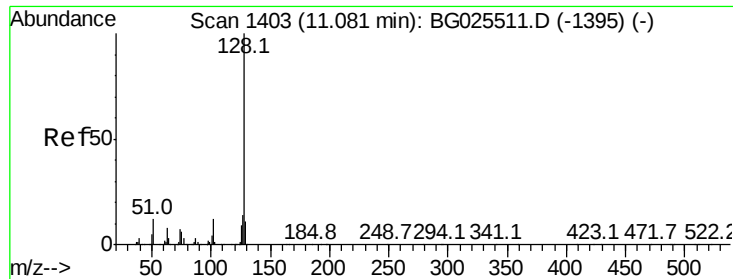
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#23
2-Nitrophenol
Concen: 3.55 ng/ul
RT: 10.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BG025513.D
Acq: 13 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
139	100		
65	63.5	36.3	54.5#
109	54.0	26.4	39.6#





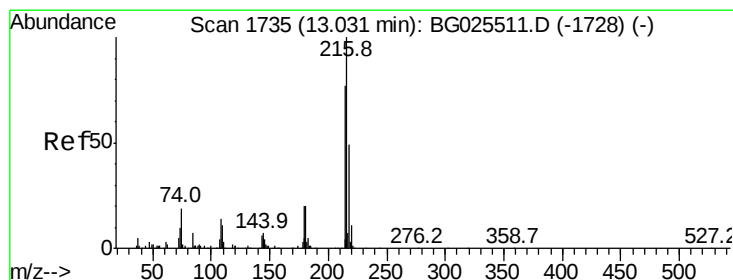
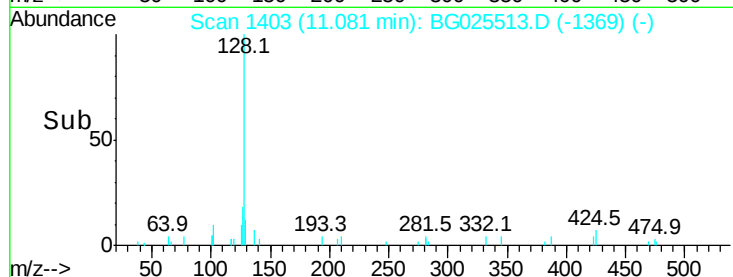
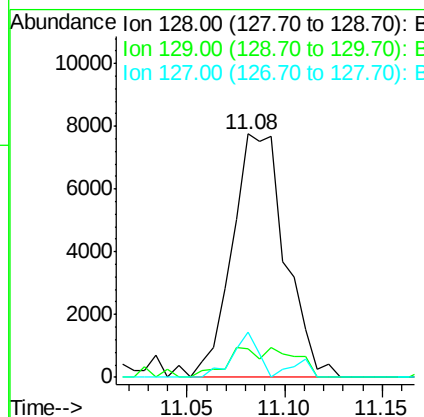
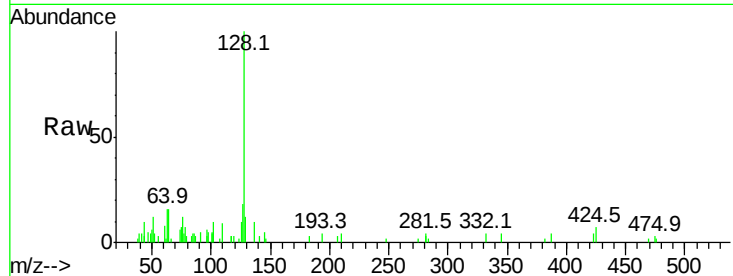
#28
Naphthalene
Concen: 1.12 ng/ul
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG025513.D
Acq: 13 Jan 2017 16:18

Instrument :
BNA_G
ClientSampled :
C0AA0

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	18.4	10.5	15.7

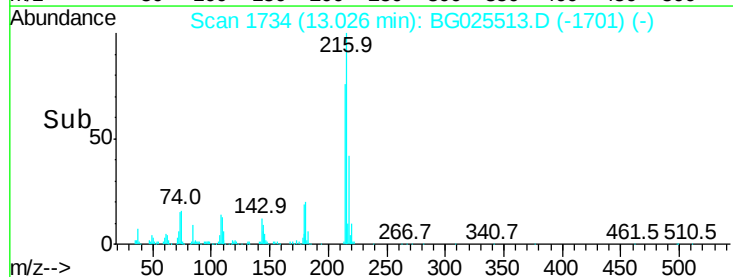
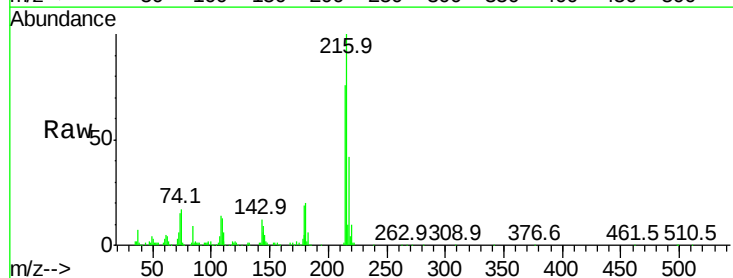
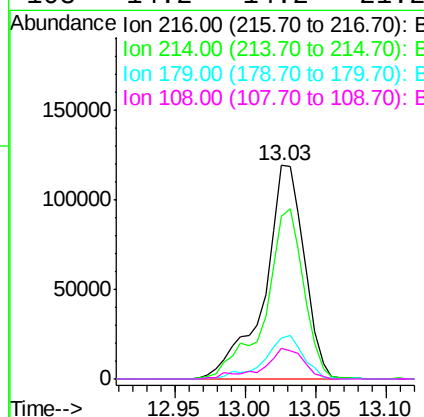
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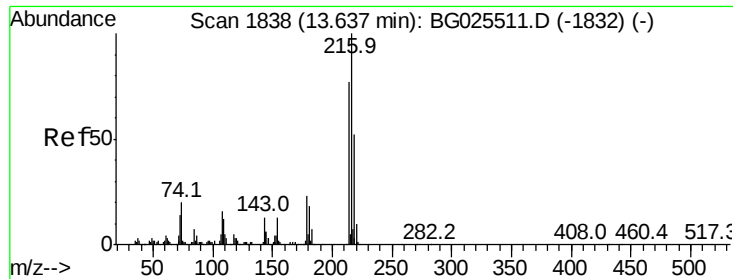
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 34.43 ng/ul
RT: 13.03 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG025513.D
Acq: 13 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
179	19.0	18.2	27.2
108	14.2	14.2	21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 103.14 ng/uL

RT: 13.64 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG025513.D

Acq: 13 Jan 2017 16:18

Instrument :

BNA_G

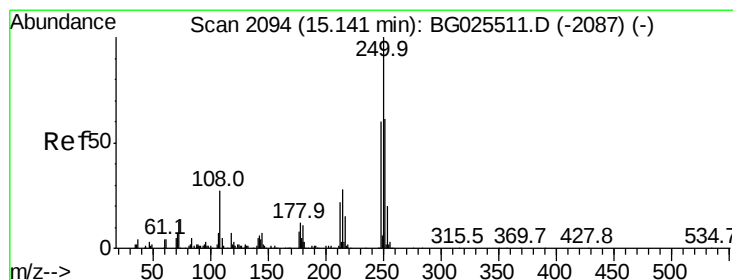
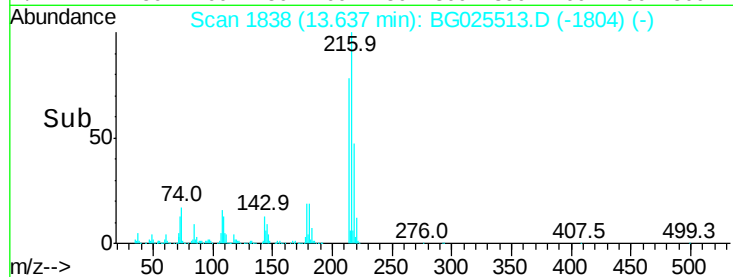
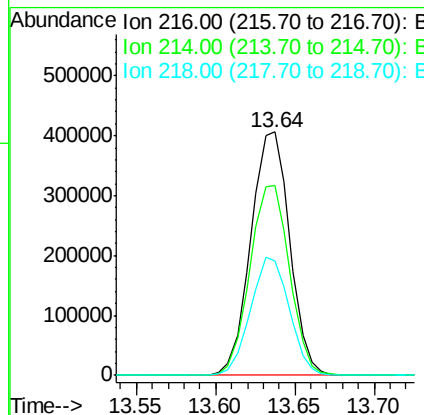
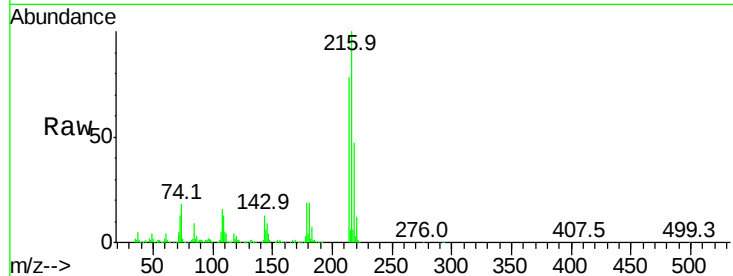
ClientSampled :

C0AA0

Tot Ion:	216	Resp:	696100
Ion Ratio	Lower	Upper	
216	100		
214	78.0	62.5	93.7
218	47.0	38.4	57.6

Manual Integrations
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#73

Pentachlorobenzene

Concen: 3.01 ng/uL

RT: 15.14 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG025513.D

Acq: 13 Jan 2017 16:18

Tgt Ion:	250	Resp:	21164
Ion Ratio	Lower	Upper	
250	100		
248	54.2	50.6	75.8
252	61.3	51.4	77.0

