

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040717\
 Data File : BG026602.D
 Acq On : 7 Apr 2017 17:58
 Operator : SJ/MA
 Sample : I2544-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BQ2

Manual Integrations
 APPROVED

mohammad
 4/10/2017 2:07:05 PM

Quant Time: Apr 08 00:51:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 08 00:24:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	143249	20.00	ng/ul	0.03
18) Naphthalene-d8	10.85	136	655020	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.65	164	377853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	923496	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1180973	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1124257	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	18049	6.03	ng/uL	0.00
5) Phenol-d5	7.21	99	76602	7.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	220358	37.27	ng/ul	0.02
9) 2-Chlorophenol-d4	7.58	132	272862	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	152497	17.94	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	162851	34.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	190172	34.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	298015	29.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	48387	4.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1028615	35.15	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1208791	33.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	34893m	6.13	ng/ul	0.02
57) Fluorene-d10	15.63	176	918737	34.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	196491	33.09	ng/ul	0.00
70) Anthracene-d10	17.48	188	1436988	34.26	ng/ul	0.00
78) Pyrene-d10	19.75	212	1720623	32.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1735366	35.93	ng/ul	0.00

Target Compounds

						Qvalue
20) Nitrobenzene	9.25	77	1377881	148.15	ng/ul	89
23) 2-Nitrophenol	9.95	139	23596	4.09	ng/ul#	93
30) 4-Chloroaniline	11.00	127	17126	1.79	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	507257	42.64	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	1718814	141.29	ng/uL	95
73) Pentachlorobenzene	14.97	250	48641	3.51	ng/uL	94

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

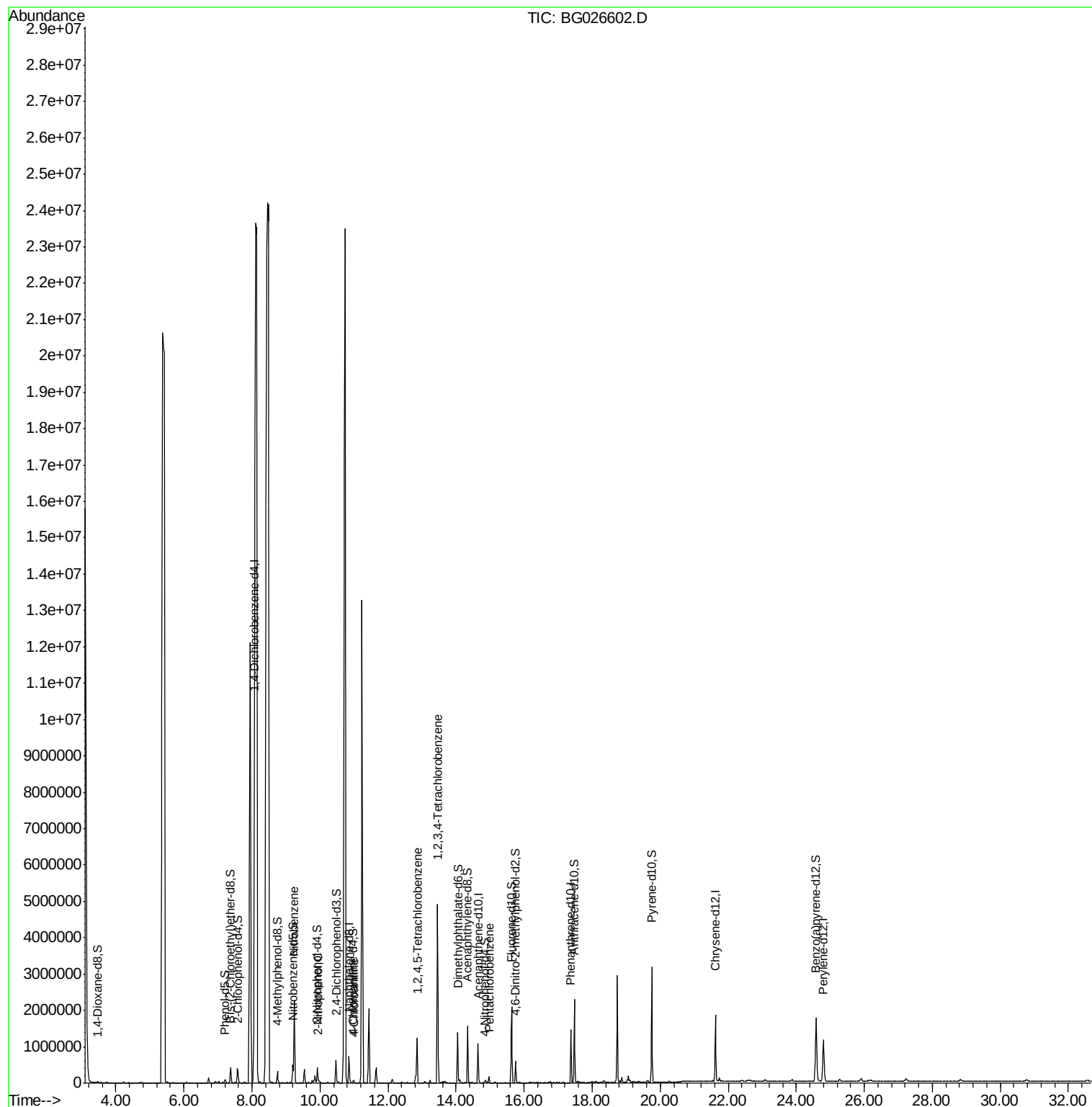
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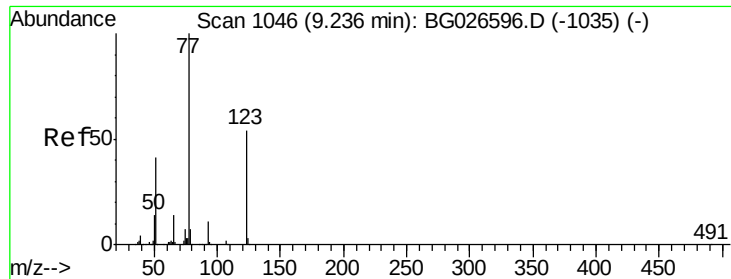
Instrument :
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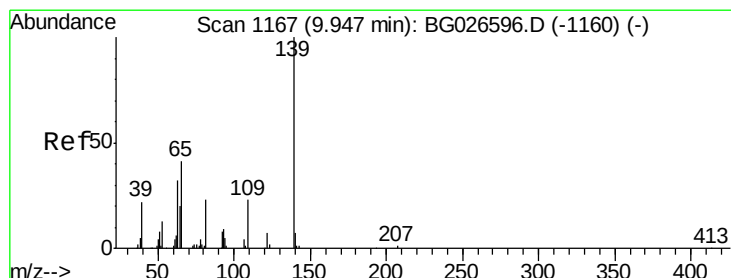
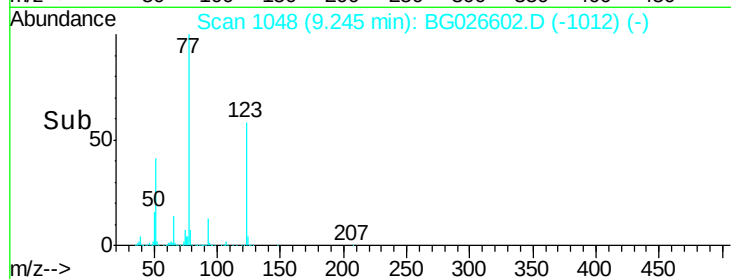
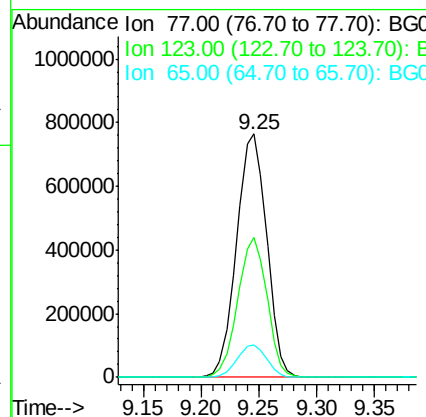
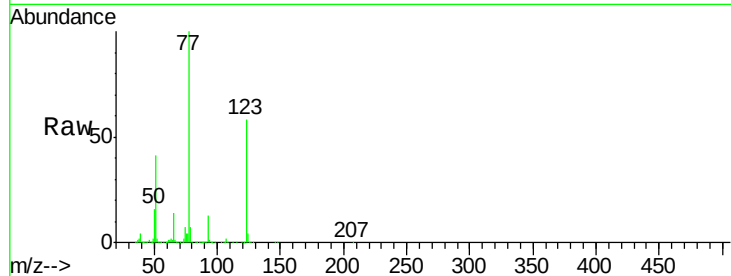
#20
 Nitrobenzene
 Concen: 148.15 ng/ul
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BG026602.D
 Acq: 7 Apr 2017 17:58

Instrument :
 BNA_G
 ClientSampled :
 C0BQ2

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.6	39.0	58.4
65	13.5	10.4	15.6

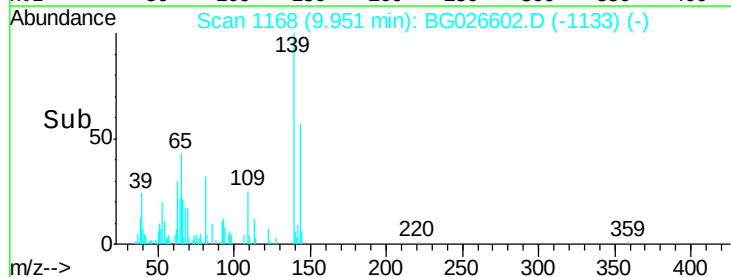
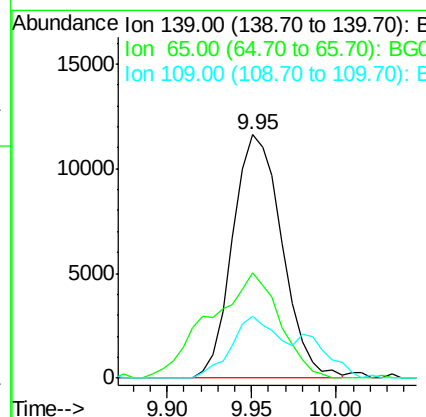
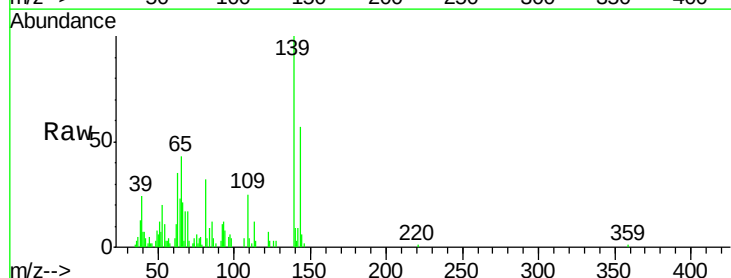
Manual Integrations
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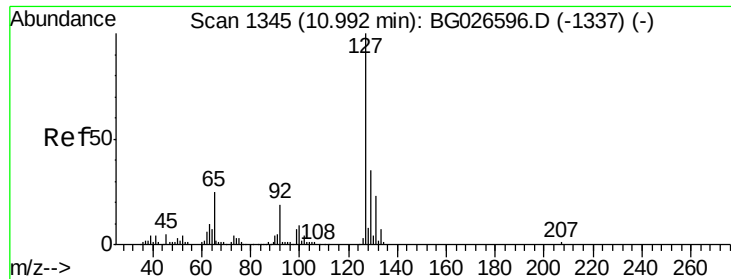
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#23
 2-Nitrophenol
 Concen: 4.09 ng/ul
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG026602.D
 Acq: 7 Apr 2017 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
65	43.3	36.3	54.5
109	25.5	26.4	39.6





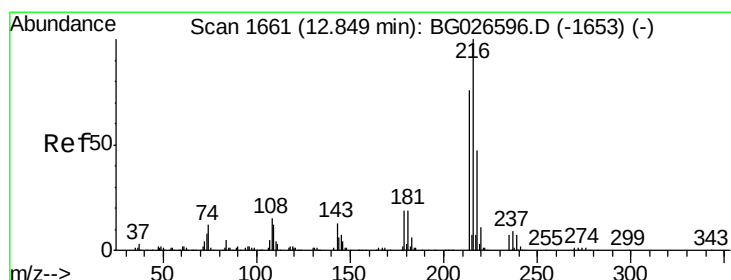
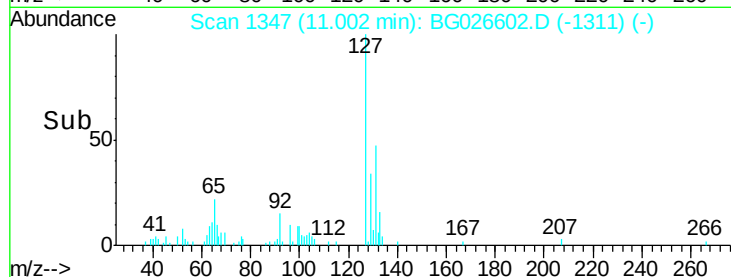
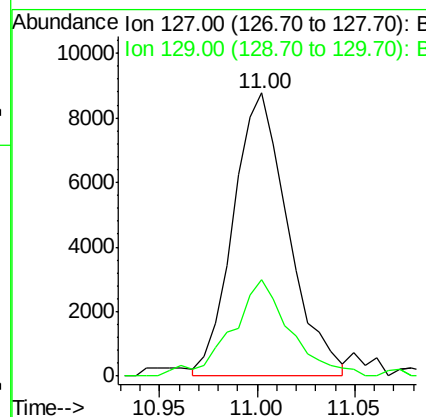
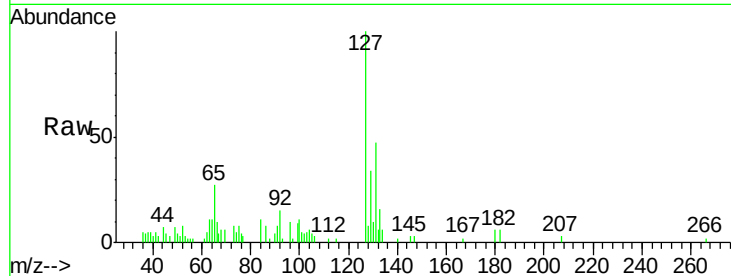
#30
4-Chloroaniline
Concen: 1.79 ng/ul
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG026602.D
Acq: 7 Apr 2017 17:58

Instrument :
BNA_G
ClientSampleId :
C0BQ2

Tgt Ion:127 Resp: 17126
Ion Ratio Lower Upper
127 100
129 34.2 25.4 38.2

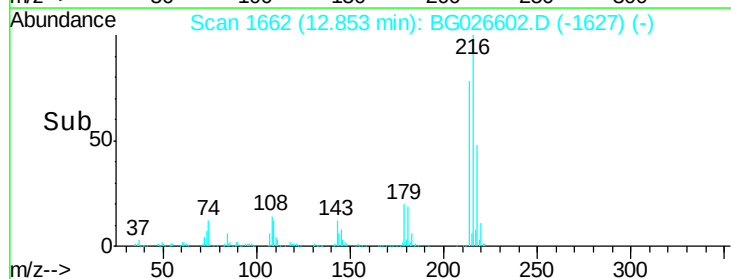
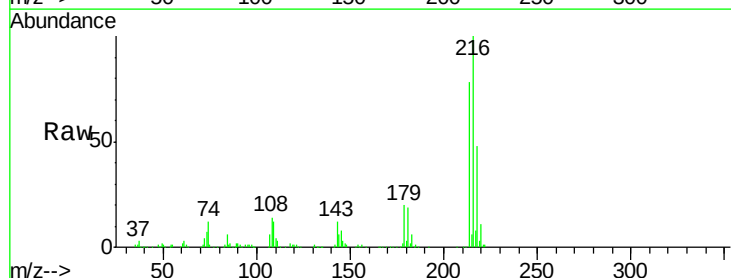
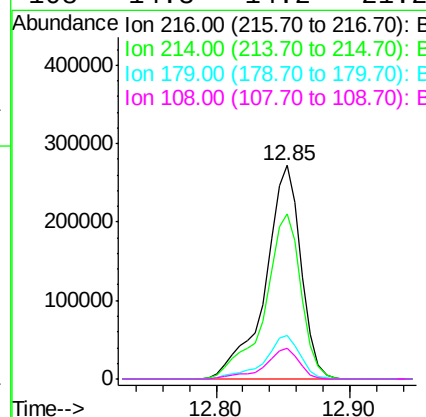
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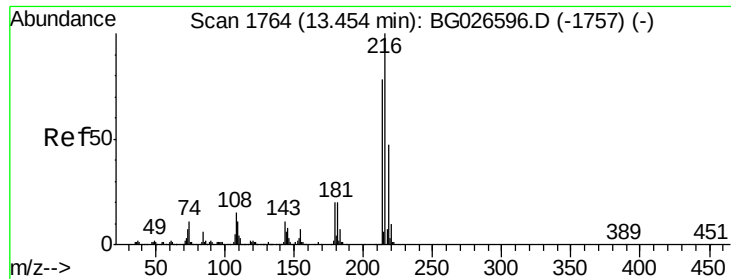
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 42.64 ng/ul
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG026602.D
Acq: 7 Apr 2017 17:58

Tgt Ion:216 Resp: 507257
Ion Ratio Lower Upper
216 100
214 77.6 62.5 93.7
179 20.3 18.2 27.2
108 14.3 14.2 21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 141.29 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BG026602.D

Acq: 7 Apr 2017 17:58

Instrument :

BNA_G

ClientSampled :

C0BQ2

Tgt Ion:216 Resp: 1718814

Ion Ratio Lower Upper

216 100

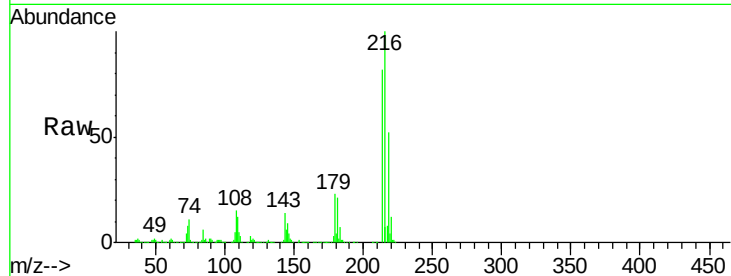
214 81.9 62.5 93.7

218 51.7 38.4 57.6

Manual Integrations
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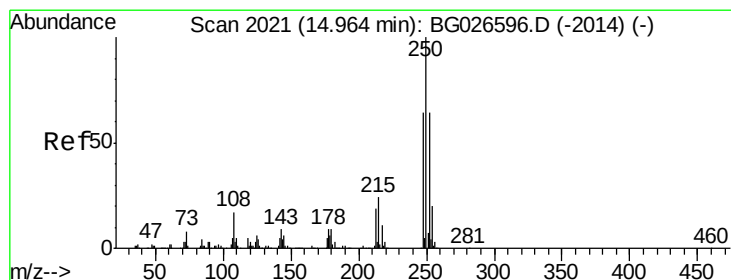
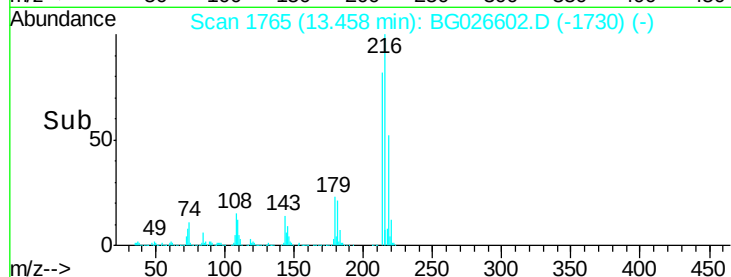
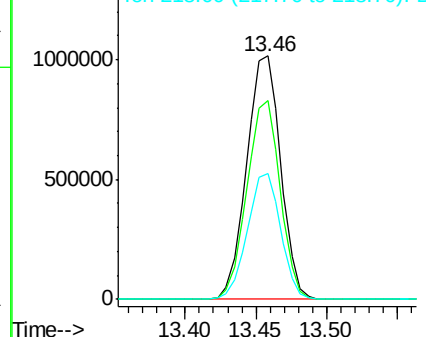
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Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 3.51 ng/uL

RT: 14.97 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG026602.D

Acq: 7 Apr 2017 17:58

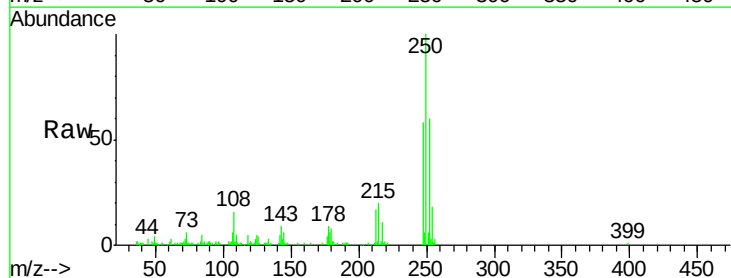
Tgt Ion:250 Resp: 48641

Ion Ratio Lower Upper

250 100

248 58.1 50.6 75.8

252 60.1 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

