

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
 Data File : BG026448.D
 Acq On : 28 Mar 2017 1:09
 Operator : SJ/MA
 Sample : I2358-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BM1

Manual Integrations
 APPROVED

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Quant Time: Mar 28 02:08:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 01:23:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	181401	20.00	ng/ul	0.01
18) Naphthalene-d8	10.85	136	780956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	448805	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1078700	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1214077	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1193900	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	21733	5.73	ng/uL	0.00
5) Phenol-d5	7.21	99	97846	7.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	253492	33.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	327106	27.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	186578	17.34	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	197955	35.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	230664	35.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	356864	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	18473	1.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1197524	34.46	ng/ul	0.00
46) Acenaphthylene-d8	14.35	160	1440692	33.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	48364	7.15	ng/ul	0.00
57) Fluorene-d10	15.63	176	1084923	34.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	238865	34.44	ng/ul	0.00
70) Anthracene-d10	17.48	188	1727361	35.26	ng/ul	0.00
78) Pyrene-d10	19.76	212	1941582	35.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1930224	37.63	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.24	94	118619	8.50	ng/ul#	89
10) 2-Chlorophenol	7.61	128	178495	15.40	ng/ul	96
20) Nitrobenzene	9.25	77	1672140	150.80	ng/ul	89
27) 2,4-Dichlorophenol	10.51	162	28134m	2.37	ng/ul	
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	431958	30.57	ng/ul#	96
39) 2,4,5-Trichlorophenol	13.17	196	10659	1.10	ng/ul#	85
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	833973	58.69	ng/uL	99
73) Pentachlorobenzene	14.97	250	36941	2.28	ng/uL	97

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

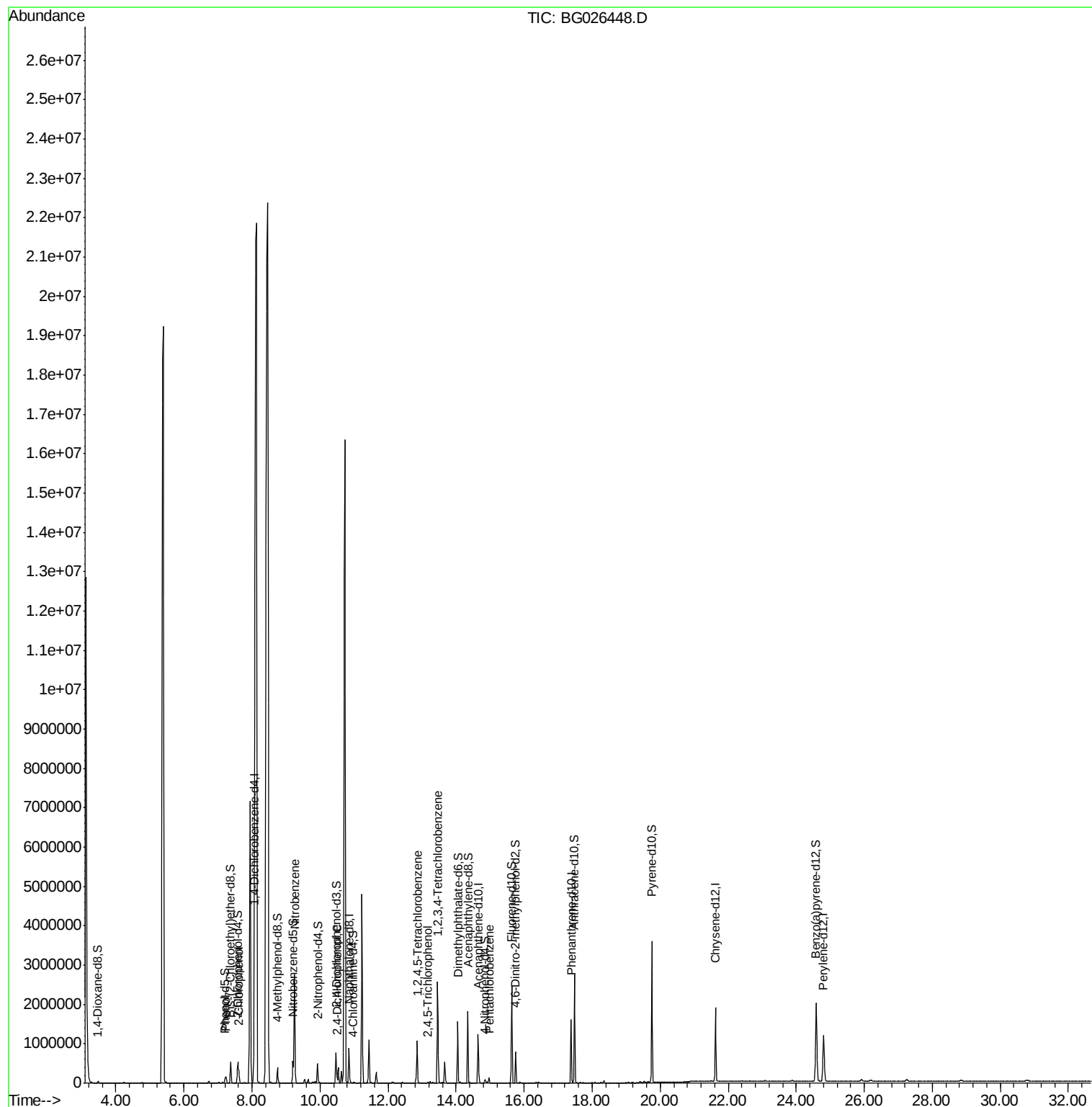
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
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ALS Vial : 18 Sample Multiplier: 1

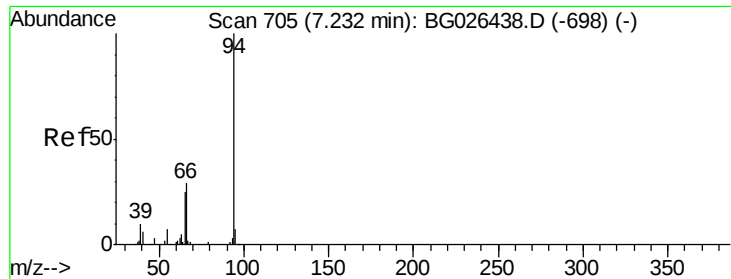
Instrument :
BNA_G
ClientSampleId :
C0BM1

Quant Time: Mar 28 02:08:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 28 01:23:51 2017
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#6

Phenol

Concen: 8.50 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

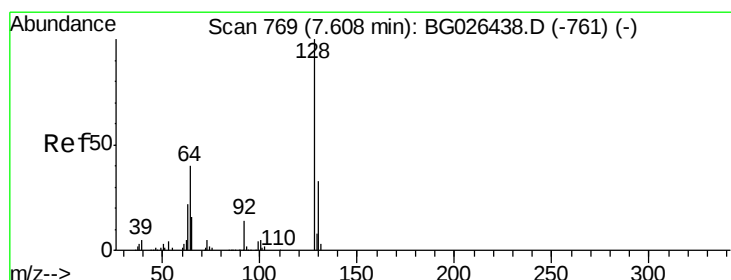
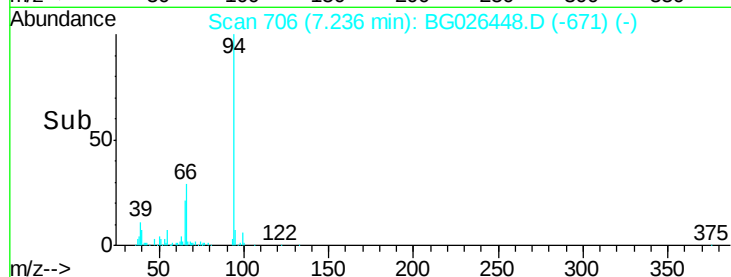
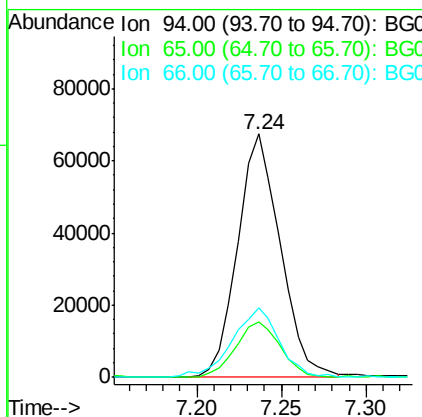
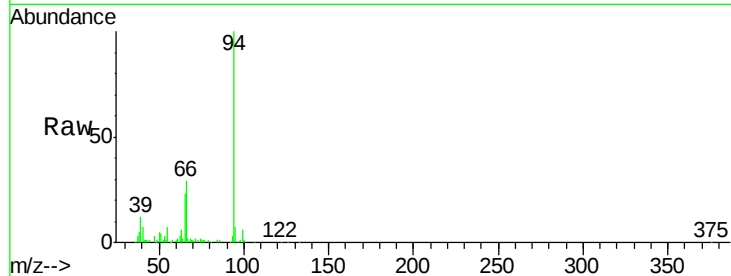
ClientSampleId :

C0BM1

Tgt Ion	Ratio	Lower	Upper
94	100		
65	23.0	21.0	31.6
66	28.6	29.3	43.9#

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#10

2-Chlorophenol

Concen: 15.40 ng/ul

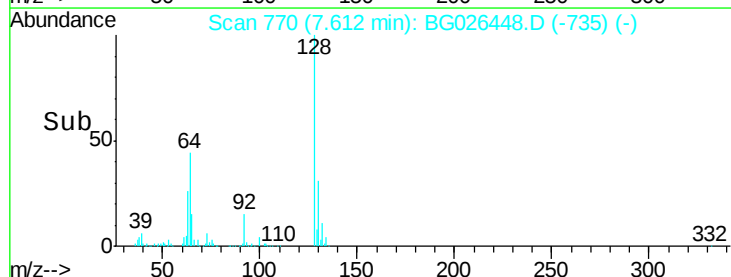
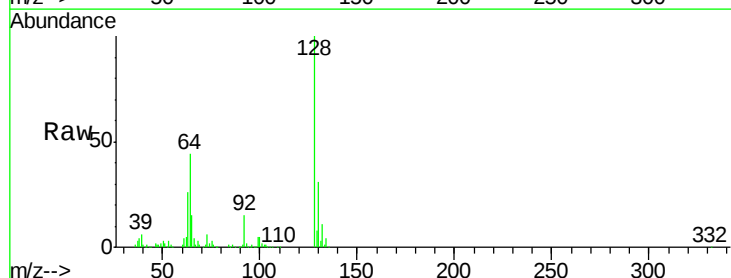
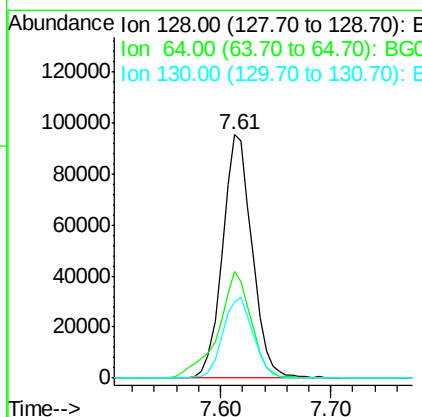
RT: 7.61 min Scan# 770

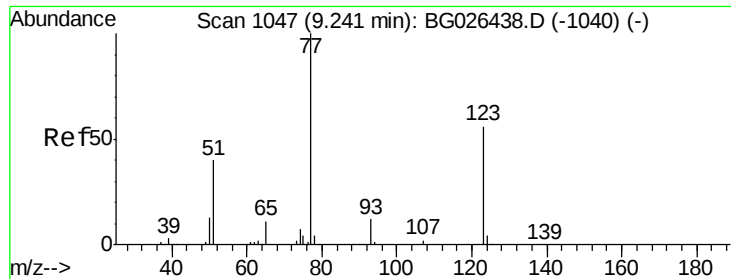
Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.0	31.9	47.9
130	31.0	25.6	38.4





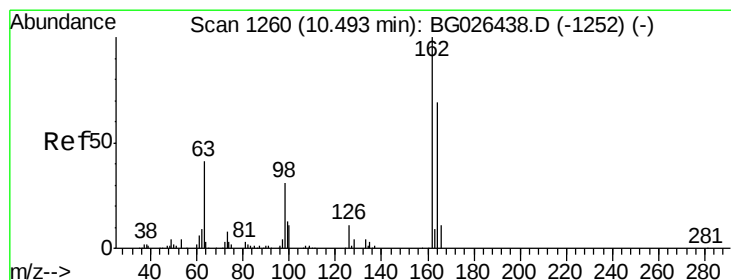
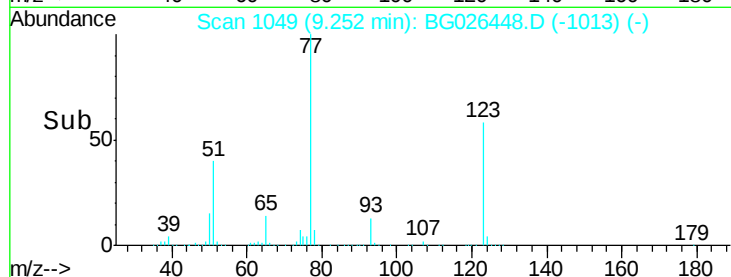
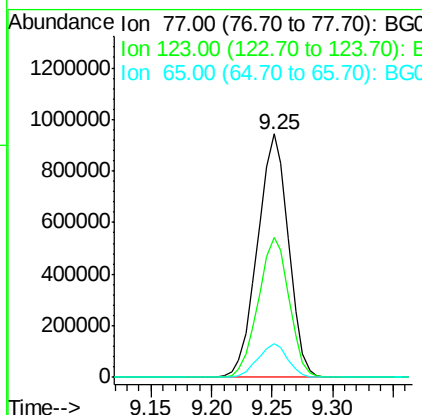
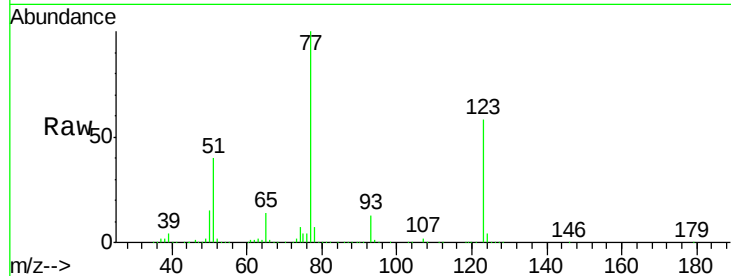
#20
 Nitrobenzene
 Concen: 150.80 ng/ul
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BG026448.D
 Acq: 28 Mar 2017 1:09

Instrument :
 BNA_G
 ClientSampled :
 C0BM1

Tgt Ion: 77 Resp: 1672140
 Ion Ratio Lower Upper
 77 100
 123 57.7 39.0 58.4
 65 13.8 10.4 15.6

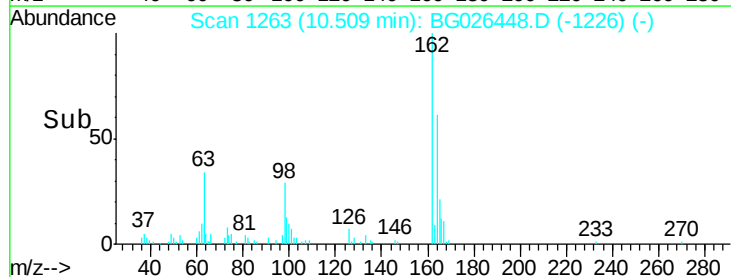
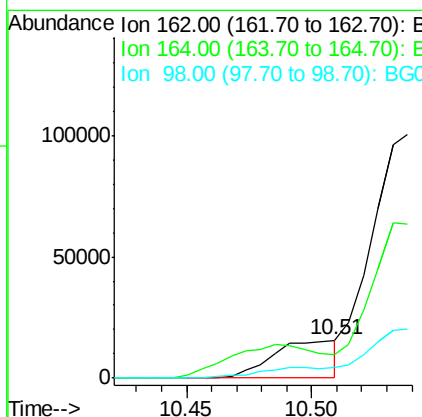
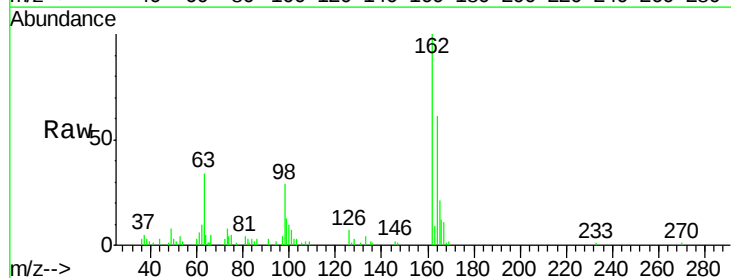
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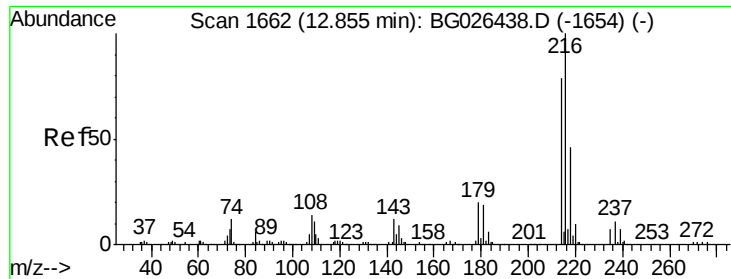
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#27
 2,4-Dichlorophenol
 Concen: 2.37 ng/ul m
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.02 min
 Lab File: BG026448.D
 Acq: 28 Mar 2017 1:09

Tgt Ion: 162 Resp: 28134
 Ion Ratio Lower Upper
 162 100
 164 61.2 52.1 78.1
 98 28.7 28.4 42.6





#36

1,2,4,5-Tetrachlorobenzene

Concen: 30.57 ng/ul

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

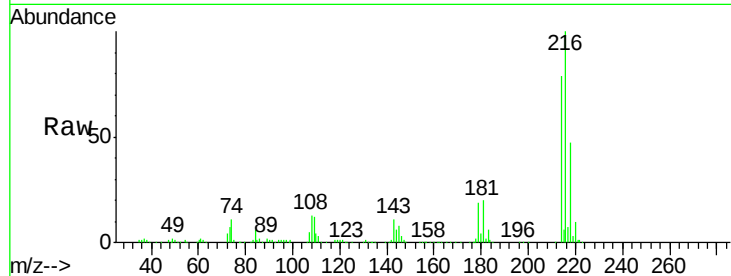
ClientSampleId :

C0BM1

Tgt Ion:	216	Resp:	431958
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.5	93.7
179	19.0	18.2	27.2
108	13.3	14.2	21.2#

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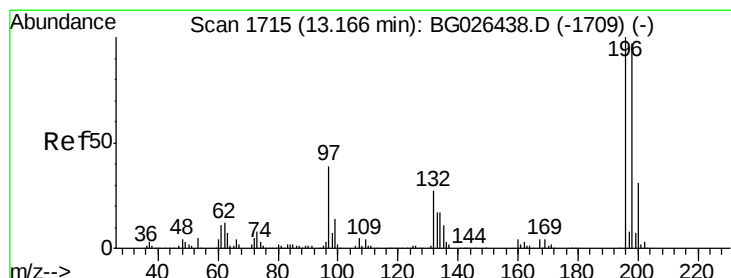
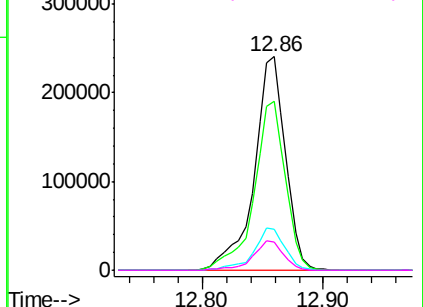
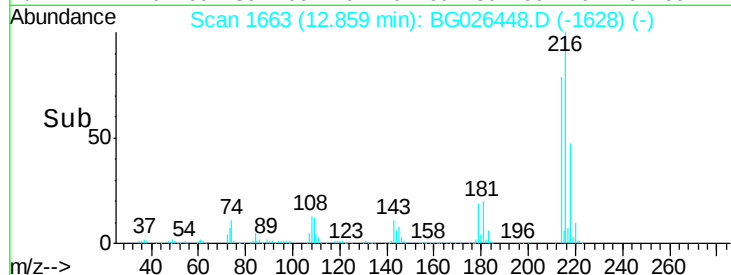


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#39

2,4,5-Trichlorophenol

Concen: 1.10 ng/ul

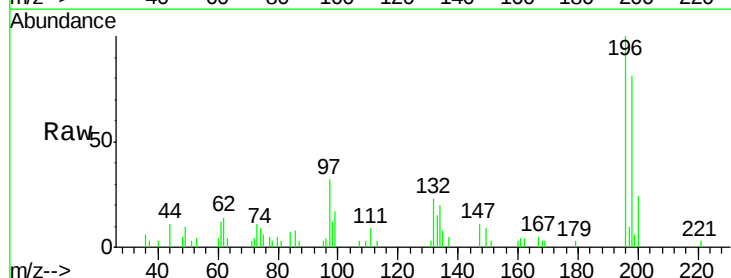
RT: 13.17 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

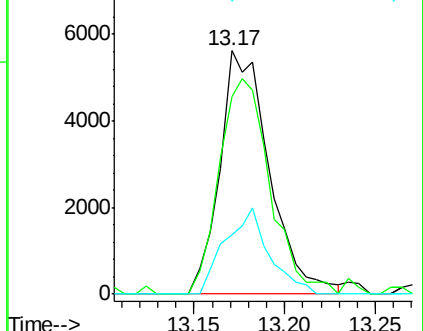
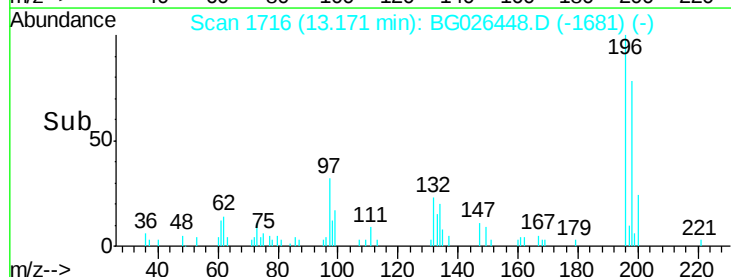
Tgt Ion:	196	Resp:	10659
Ion Ratio	Lower	Upper	
196	100		
198	81.1	76.9	115.3
200	24.4	25.0	37.4#

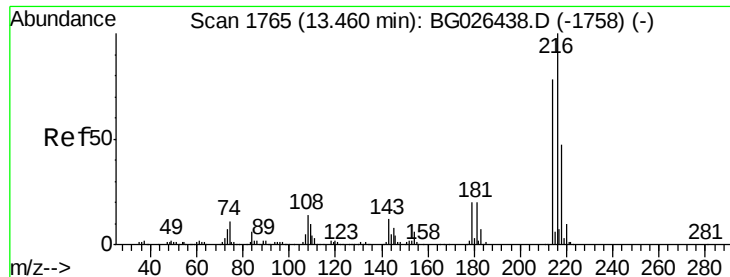


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 58.69 ng/uL

RT: 13.46 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BG026448.D

Acq: 28 Mar 2017 1:09

Instrument :

BNA_G

ClientSampleId :

C0BM1

Tgt Ion:216 Resp: 833973
Ion Ratio Lower Upper

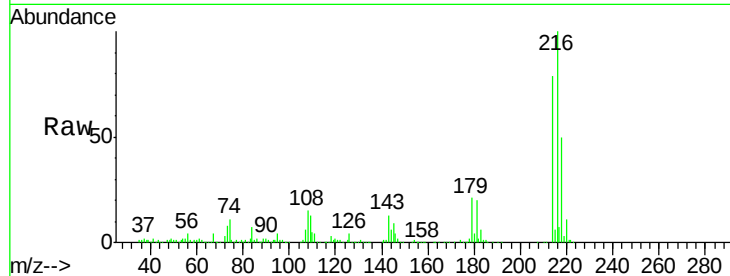
216 100

214 78.6 62.5 93.7

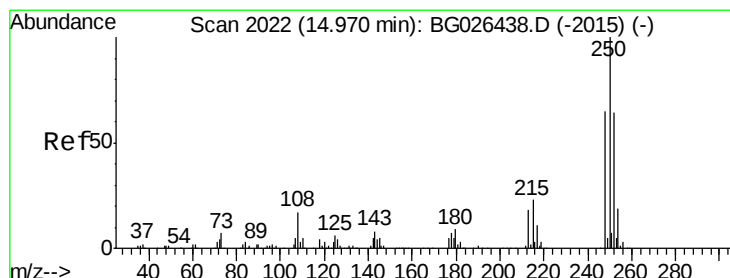
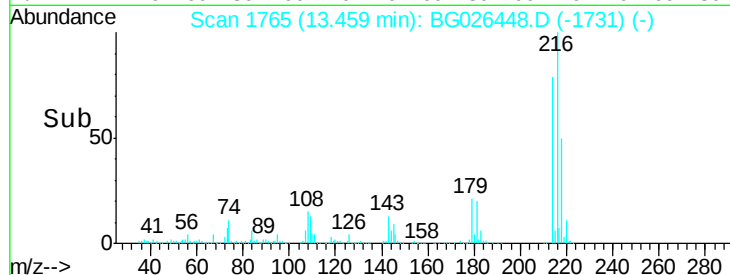
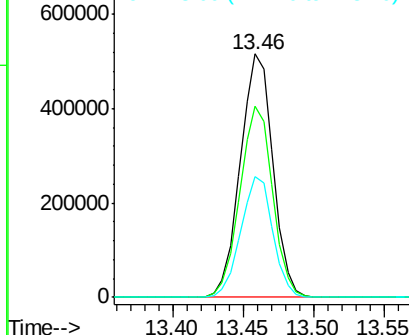
218 49.6 38.4 57.6

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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: 2.28 ng/uL

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG026448.D

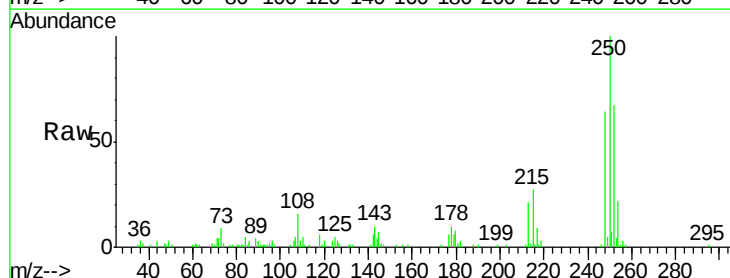
Acq: 28 Mar 2017 1:09

Tgt Ion:250 Resp: 36941
Ion Ratio Lower Upper

250 100

248 64.4 50.6 75.8

252 67.2 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

