

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040717\
 Data File : BG026598.D
 Acq On : 7 Apr 2017 14:41
 Operator : SJ/MA
 Sample : I2544-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BP7

Quant Time: Apr 08 00:24:46 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	8.03	152	153256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	636136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	393395	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	947809	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1166879	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1122279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	16988	5.30	ng/uL	0.00
5) Phenol-d5	7.20	99	69905	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	219121	34.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	254811	25.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	81112	8.92	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	169283	37.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	206728	38.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	286924	29.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	31563	3.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	1149640	37.74	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1308156	34.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	38861	6.56	ng/ul	0.02
57) Fluorene-d10	15.63	176	1016152	36.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	229029	37.58	ng/ul	0.00
70) Anthracene-d10	17.48	188	1363247	31.67	ng/ul	0.00
78) Pyrene-d10	19.76	212	1753877	33.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1828404	37.92	ng/ul	0.00

Target Compounds

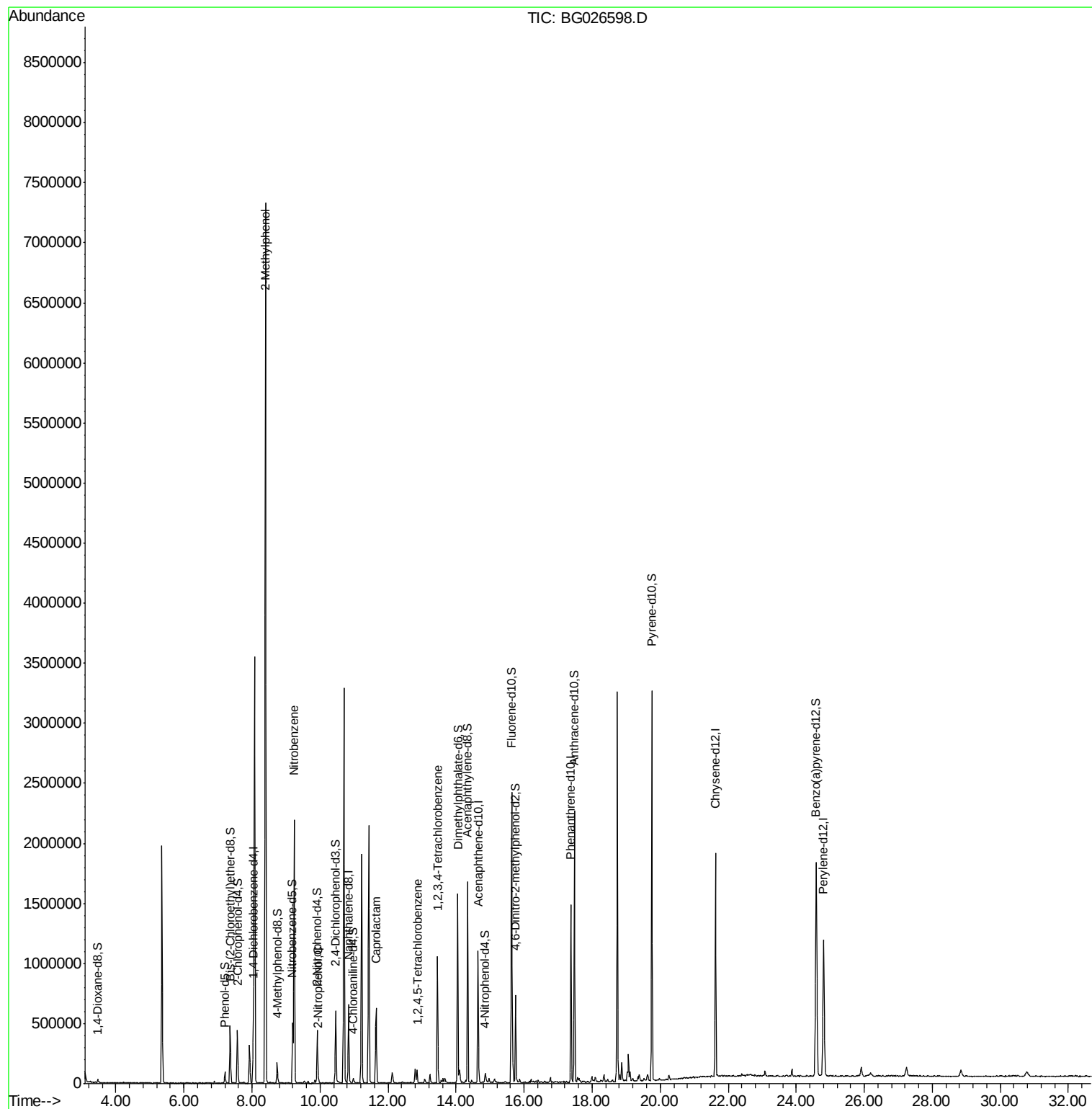
						Ovalue
11) 2-Methylphenol	8.39	108	26173	2.84	ng/ul	95
20) Nitrobenzene	9.24	77	1337319	148.06	ng/ul	90
23) 2-Nitrophenol	9.95	139	25058	4.47	ng/ul#	84
32) Caprolactam	11.65	113	48673	14.28	ng/ul#	7
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	44174	3.57	ng/ul#	91
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	348374	27.90	ng/uL	97

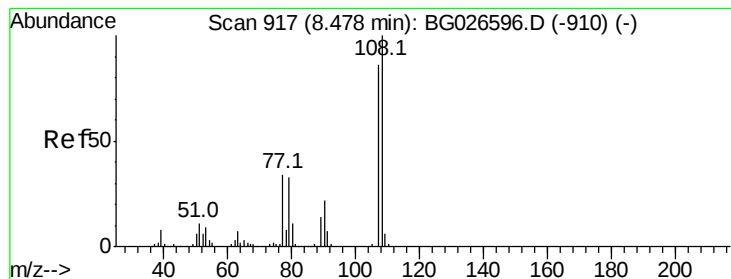
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 2.84 ng/ul

RT: 8.39 min Scan# 903

Delta R.T. -0.08 min

Lab File: BG026598.D

Acq: 7 Apr 2017 14:41

Instrument :

BNA_G

ClientSampleId :

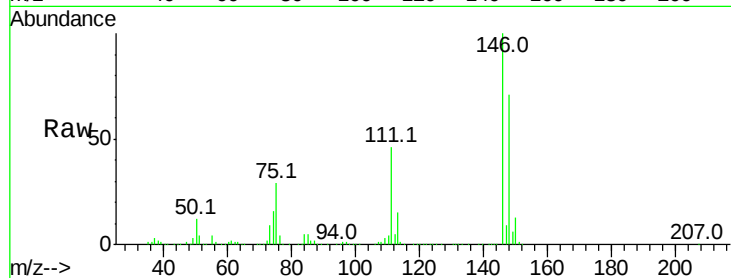
C0BP7

Tot Ion:108 Resp: 26173

Ion Ratio Lower Upper

108 100

107 95.3 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

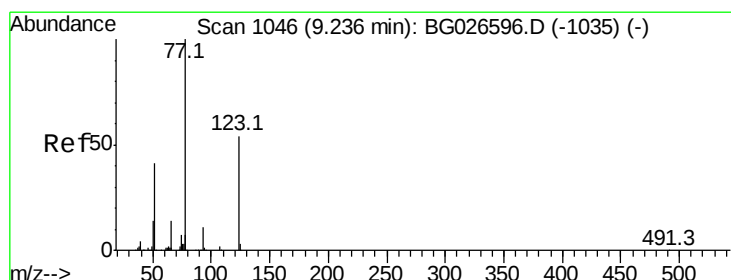
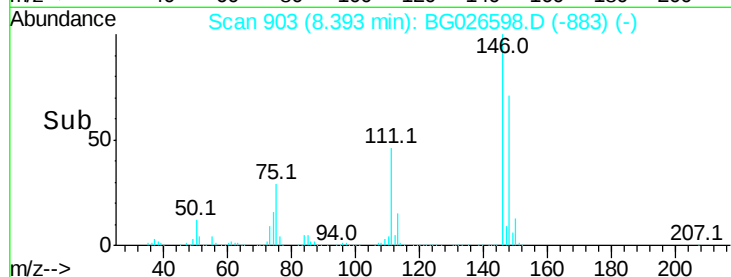
10000

5000

0

8.35 8.40 8.45

Time-->



#20

Nitrobenzene

Concen: 148.06 ng/ul

RT: 9.24 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG026598.D

Acq: 7 Apr 2017 14:41

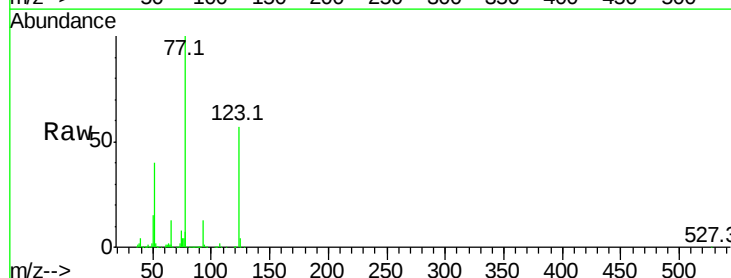
Tgt Ion: 77 Resp: 1337319

Ion Ratio Lower Upper

77 100

123 56.9 39.0 58.4

65 13.5 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

1000000

800000

600000

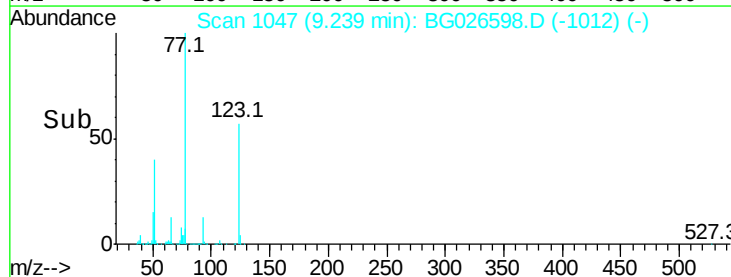
400000

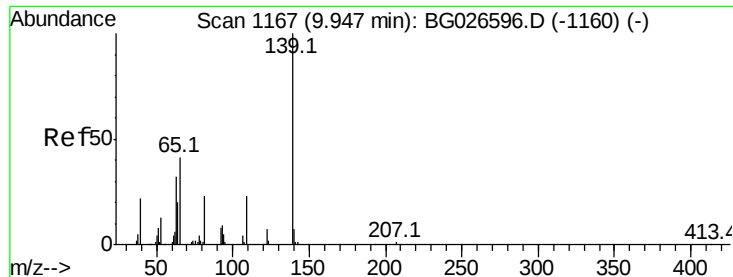
200000

0

9.15 9.20 9.25 9.30 9.35

Time-->





#23

2-Nitrophenol

Concen: 4.47 ng/ul

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG026598.D

Acq: 7 Apr 2017 14:41

Instrument :

BNA_G

ClientSampleId :

C0BP7

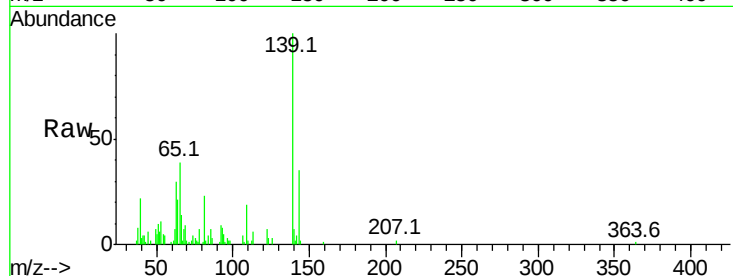
Tot Ion:139 Resp: 25058

Ion Ratio Lower Upper

139 100

65 39.1 36.3 54.5

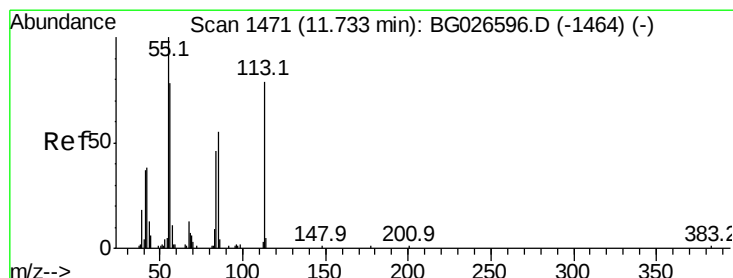
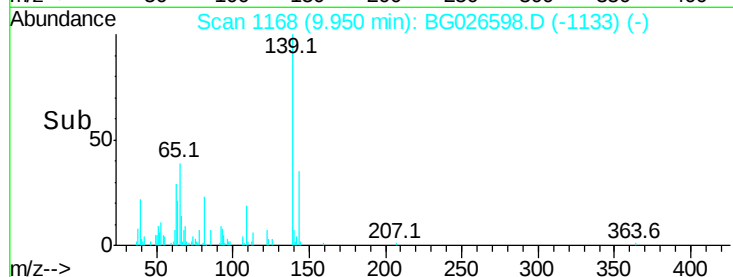
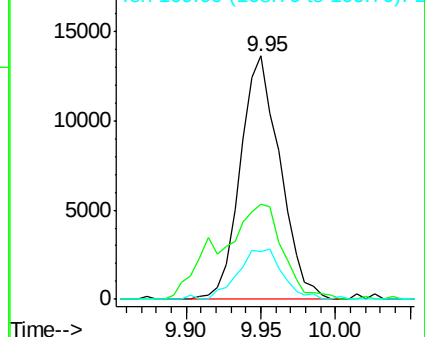
109 19.4 26.4 39.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 109.00 (108.70 to 109.70): E



#32

Caprolactam

Concen: 14.28 ng/ul

RT: 11.65 min Scan# 1457

Delta R.T. -0.08 min

Lab File: BG026598.D

Acq: 7 Apr 2017 14:41

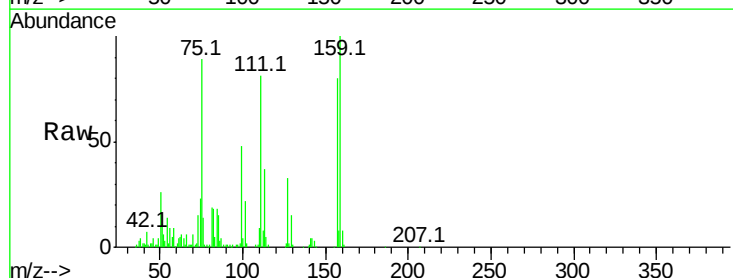
Tgt Ion:113 Resp: 48673

Ion Ratio Lower Upper

113 100

55 5.7 101.9 152.9#

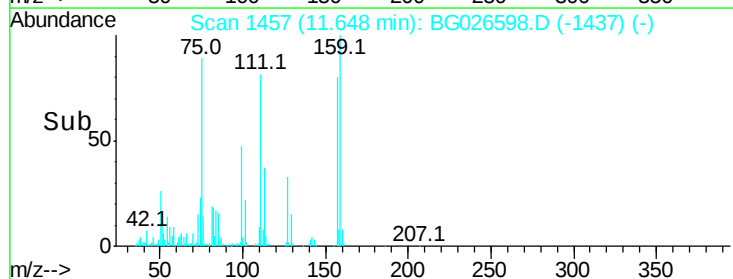
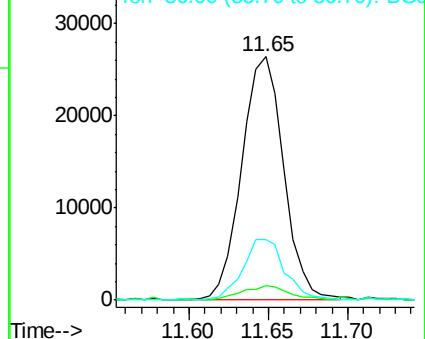
56 24.7 81.2 121.8#

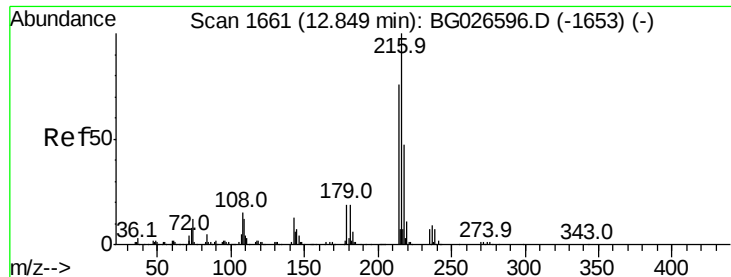


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.57 ng/ul

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG026598.D

Acq: 7 Apr 2017 14:41

Instrument :

BNA_G

ClientSampleId :

C0BP7

Tot Ion:216 Resp: 44174

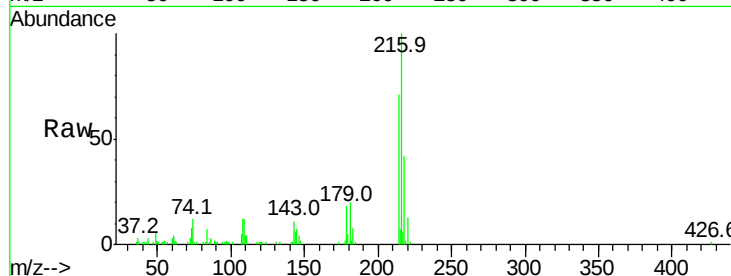
Ion Ratio Lower Upper

216 100

214 70.7 62.5 93.7

179 18.2 18.2 27.2

108 12.3 14.2 21.2#

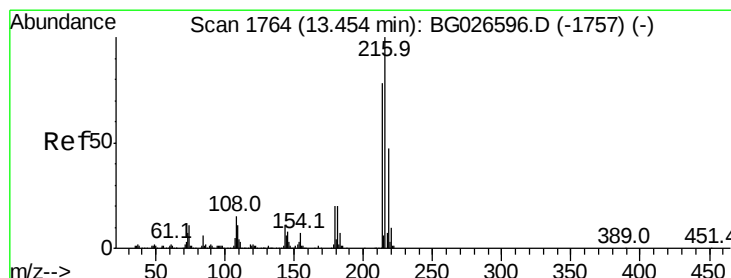
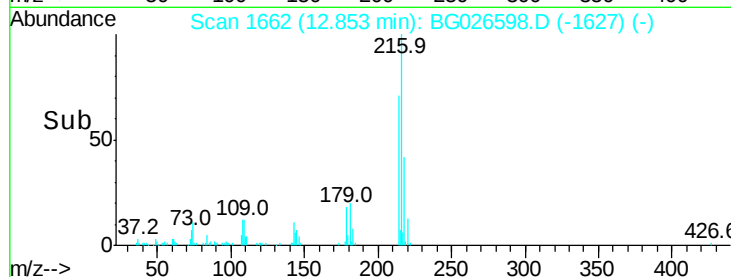
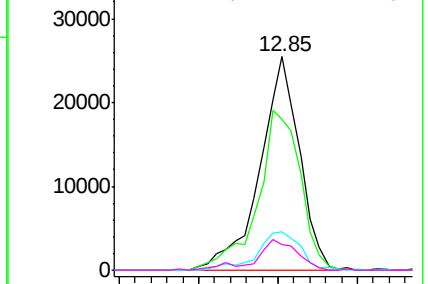


Abundance Ion 216.00 (215.70 to 216.70): E

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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 27.90 ng/uL

RT: 13.45 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BG026598.D

Acq: 7 Apr 2017 14:41

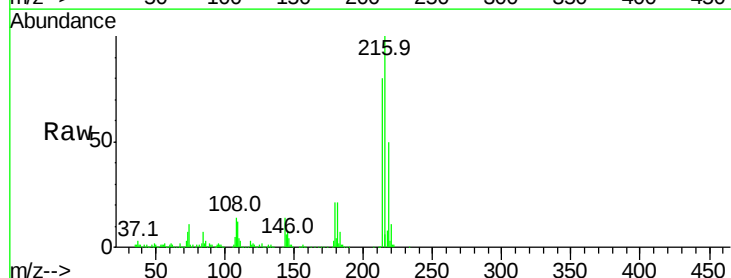
Tgt Ion:216 Resp: 348374

Ion Ratio Lower Upper

216 100

214 80.5 62.5 93.7

218 49.6 38.4 57.6



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

