

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
 Data File : BG032220.D
 Acq On : 22 Jan 2018 20:46
 Operator : SJ/JU
 Sample : J1194-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02M3DL

Quant Time: Jan 23 04:48:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 17:12:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41159	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	168788	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	121931	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	298601	20.00	ng/ul	0.00
77) Chrysene-d12	22.42	240	377426	20.00	ng/ul	0.00
85) Perylene-d12	26.11	264	391733	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.84	99	4451	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	9354	7.01	ng/ul	0.00
9) 2-Chlorophenol-d4	8.23	132	15389	5.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.42	113	9480	3.69	ng/ul	-0.01
19) Nitrobenzene-d5	9.92	128	8498	6.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	11096	7.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	21343	6.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.62	131	235	0.10	ng/ul	-0.11
43) Dimethylphthalate-d6	14.74	166	77890	7.65	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	94698	7.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.52	143	1531	1.13	ng/ul	0.00
57) Fluorene-d10	16.34	176	69943	7.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	10360	5.62	ng/ul	0.00
70) Anthracene-d10	18.19	188	111259	7.75	ng/ul	0.00
78) Pyrene-d10	20.43	212	138036	7.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	139988	7.73	ng/ul	0.00

Target Compounds

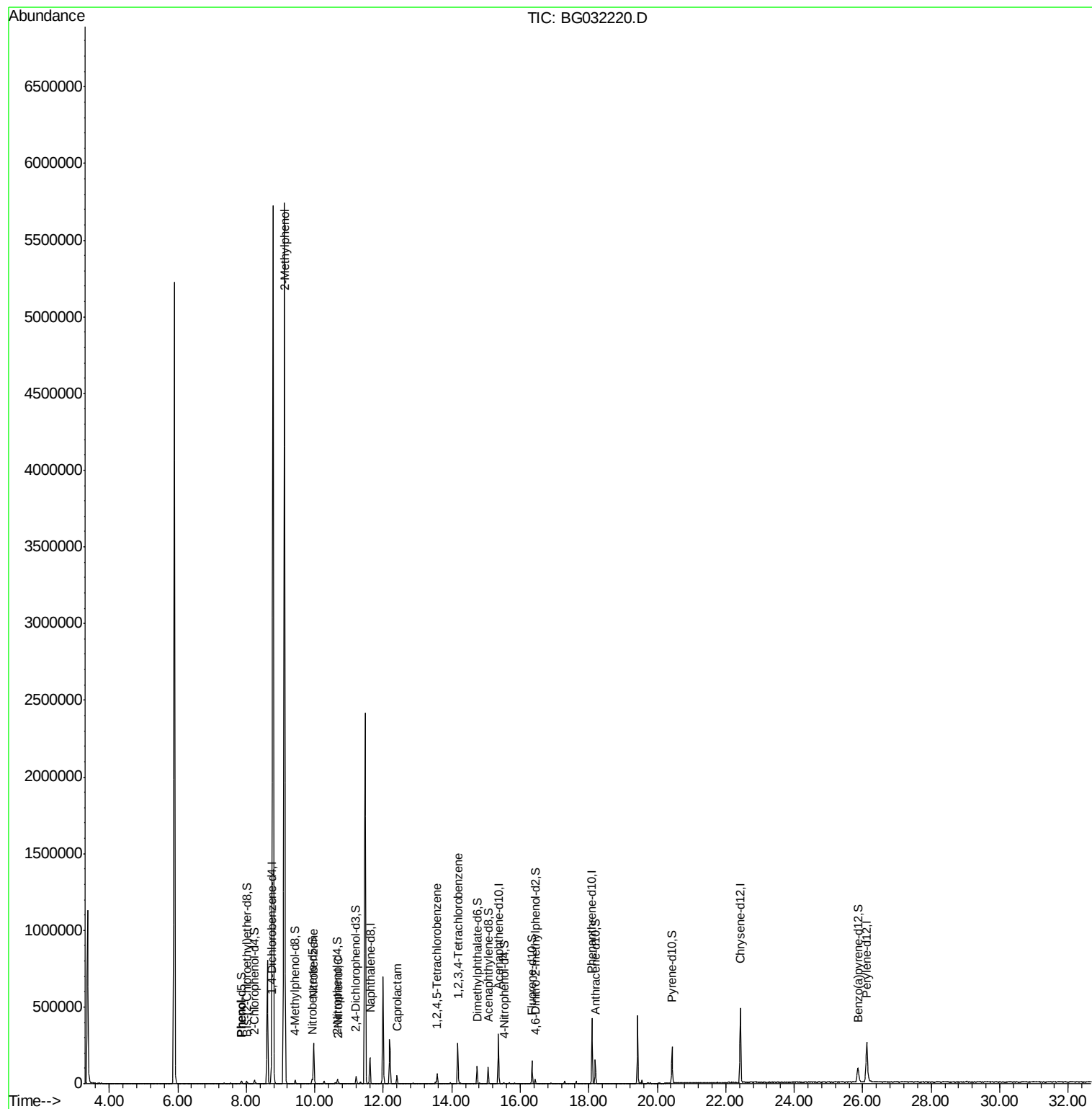
					Ovalue	
6) Phenol	7.86	94	11298	4.076	ng/ul#	86
11) 2-Methylphenol	9.12	108	28791	13.050	ng/ul	85
20) Nitrobenzene	9.97	77	154352	62.340	ng/ul#	85
23) 2-Nitrophenol	10.70	139	1831	1.211	ng/ul	96
32) Caprolactam	12.40	113	4270	5.419	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	29406	5.409	ng/ul#	95
72) 1,2,3,4-Tetrachlorobenzene	14.17	216	104470	18.370	ng/uL	97

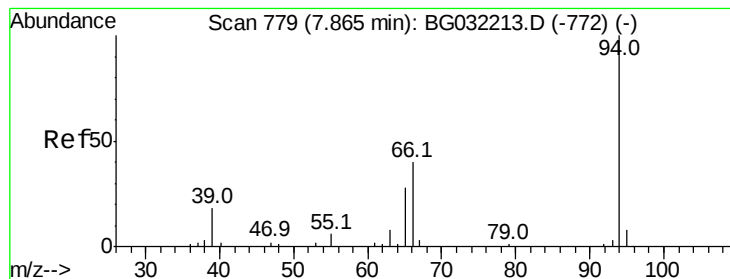
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.076 ng/ul

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032220.D

Acq: 22 Jan 2018 20:46

Instrument :

BNA_G

ClientSampleId :

C02M3DL

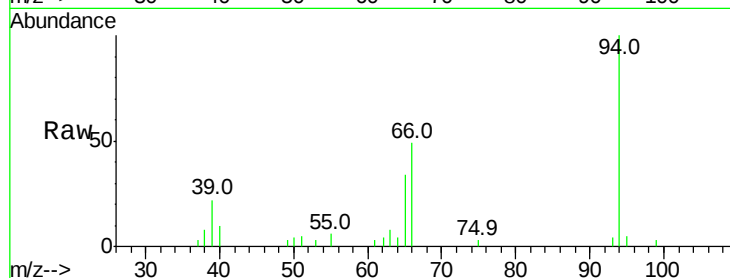
Tot Ion: 94 Resp: 11298

Ion Ratio Lower Upper

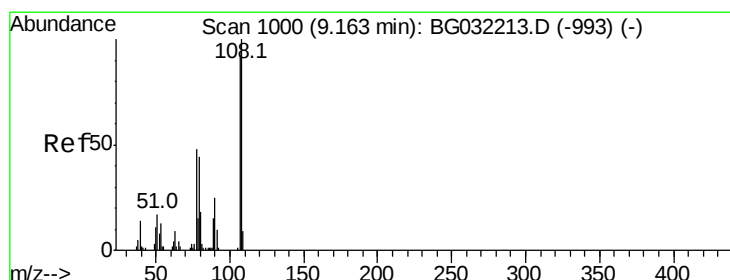
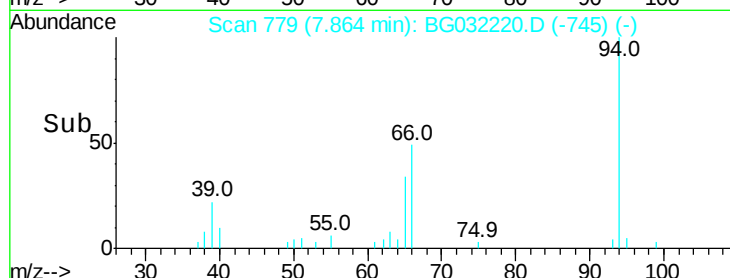
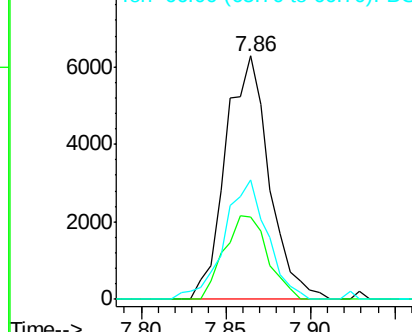
94 100

65 33.9 23.0 34.6

66 48.8 30.4 45.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 13.050 ng/ul

RT: 9.12 min Scan# 992

Delta R.T. -0.05 min

Lab File: BG032220.D

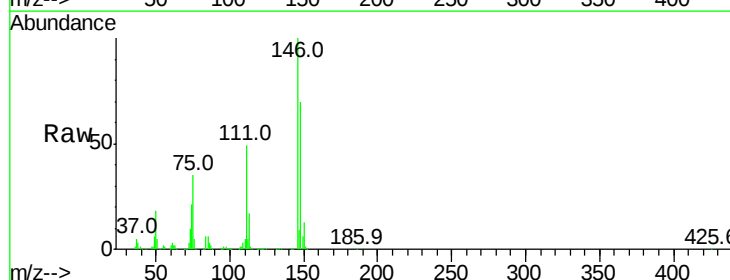
Acq: 22 Jan 2018 20:46

Tgt Ion:108 Resp: 28791

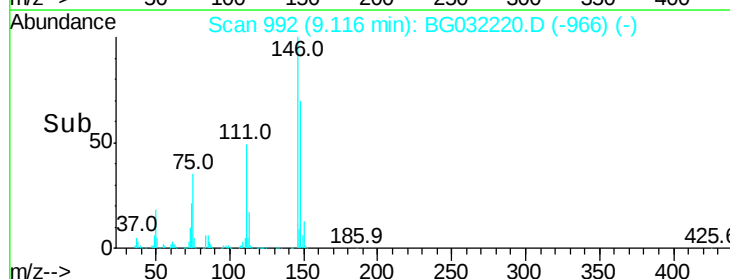
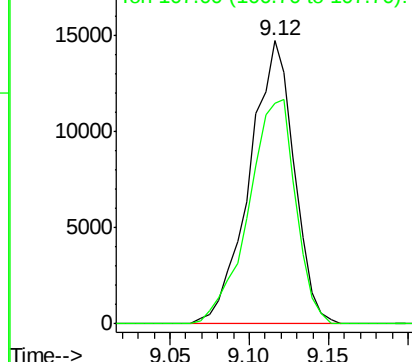
Ion Ratio Lower Upper

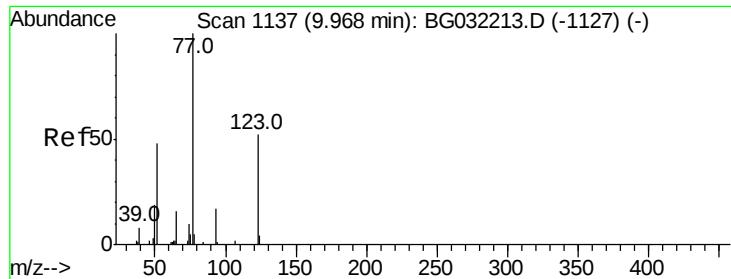
108 100

107 78.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

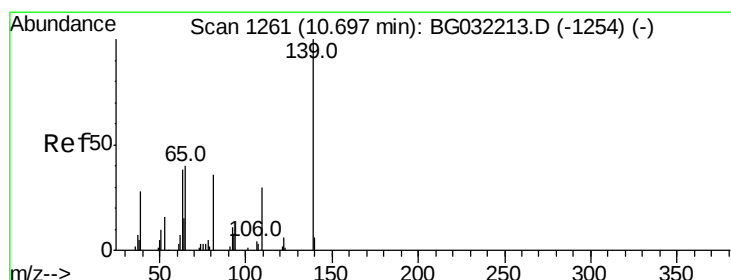
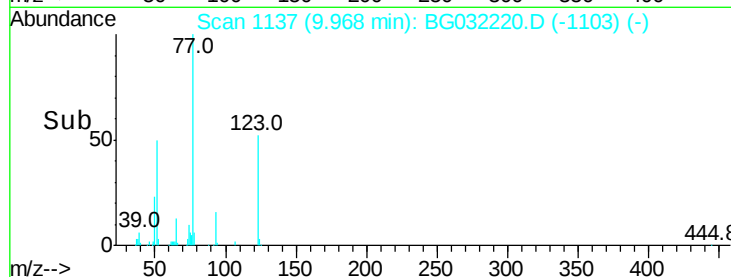
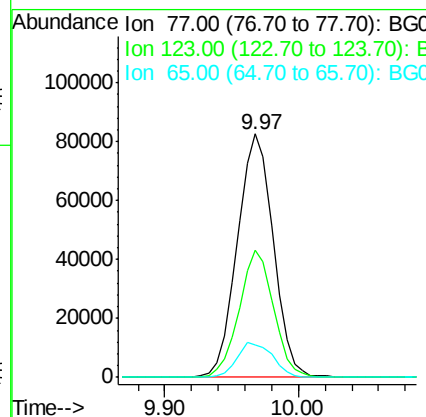
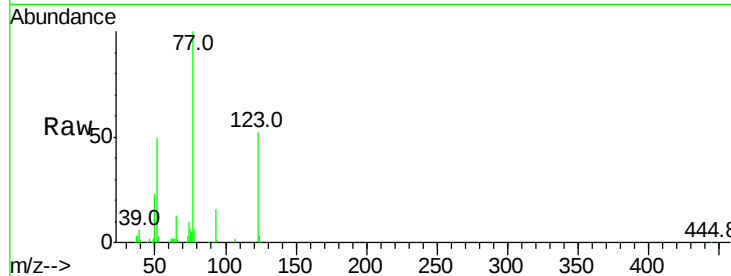




#20
 Nitrobenzene
 Concen: 62.340 ng/ul
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BG032220.D
 Acq: 22 Jan 2018 20:46

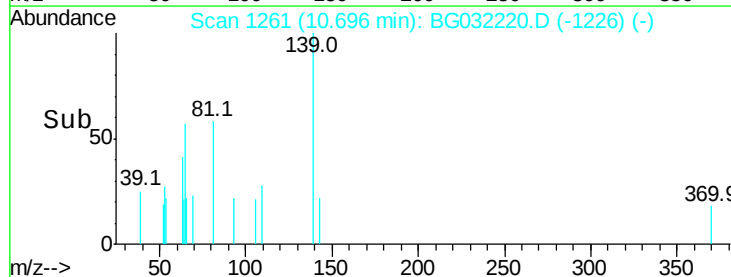
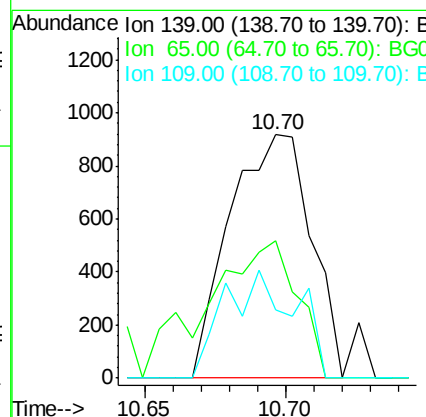
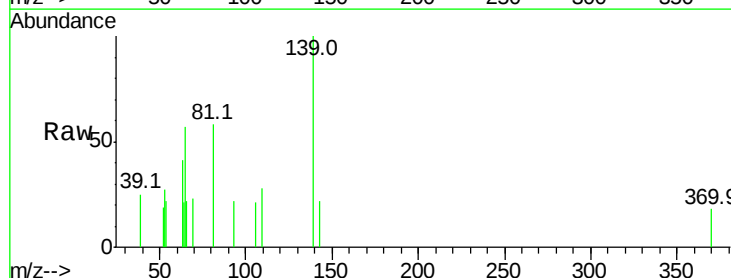
Instrument :
 BNA_G
 ClientSampled :
 C02M3DL

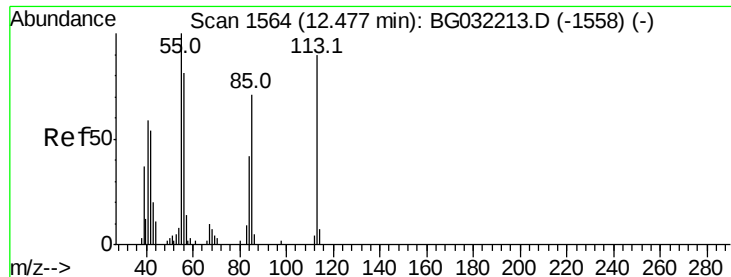
Tot Ion	Ratio	Lower	Upper
77	100		
123	52.1	31.8	47.8#
65	13.1	10.6	16.0



#23
 2-Nitrophenol
 Concen: 1.211 ng/ul
 RT: 10.70 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG032220.D
 Acq: 22 Jan 2018 20:46

Tgt Ion	Ratio	Lower	Upper
139	100		
65	56.5	45.3	67.9
109	28.1	27.7	41.5





#32

Caprolactam

Concen: 5.419 ng/ul

RT: 12.40 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BG032220.D

Acq: 22 Jan 2018 20:46

Instrument :

BNA_G

ClientSampleId :

C02M3DL

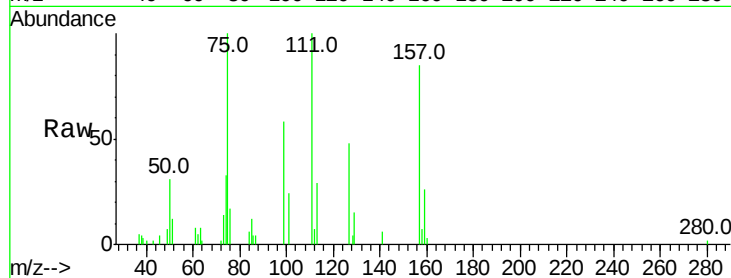
Tot Ion:113 Resp: 4270

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

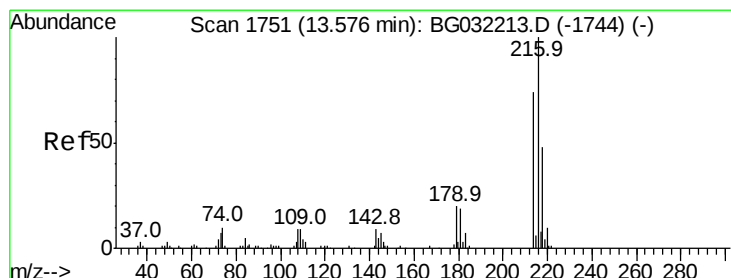
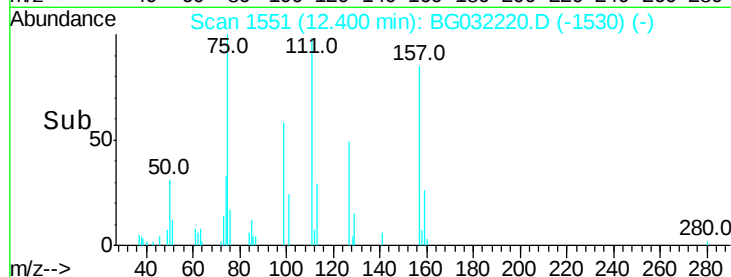
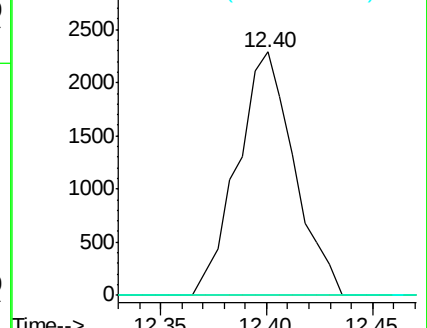
56 0.0 92.7 139.1#



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: 5.409 ng/ul

RT: 13.58 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BG032220.D

Acq: 22 Jan 2018 20:46

Tgt Ion:216 Resp: 29406

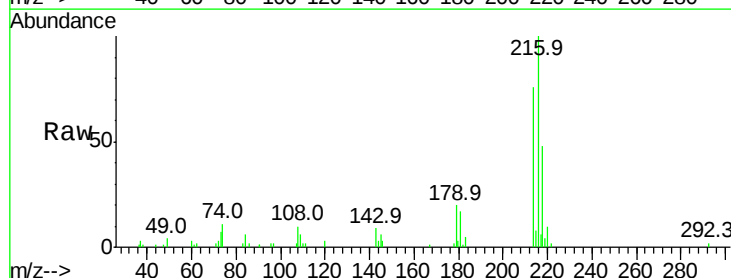
Ion Ratio Lower Upper

216 100

214 75.8 64.1 96.1

179 20.0 14.5 21.7

108 10.1 10.4 15.6#

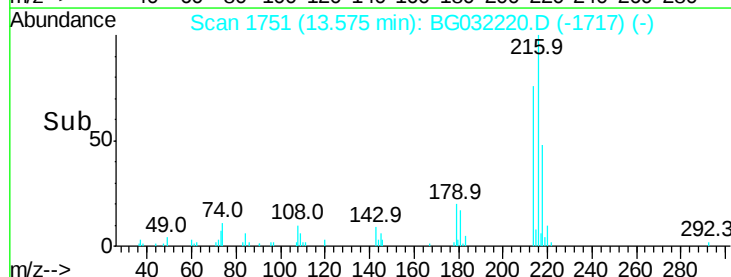
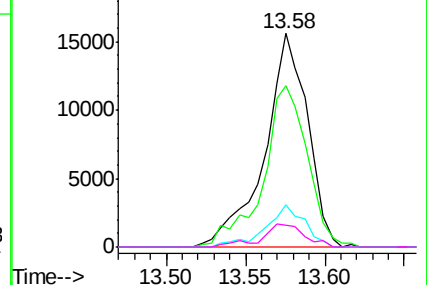


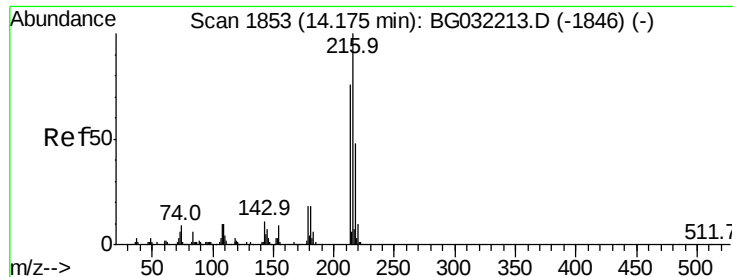
Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.370 ng/uL

RT: 14.17 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG032220.D

Acq: 22 Jan 2018 20:46

Instrument :

BNA_G

ClientSampleId :

C02M3DL

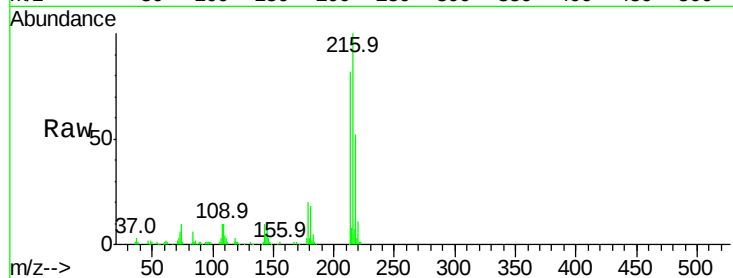
Tot Ion:216 Resp: 104470

Ion Ratio Lower Upper

216 100

214 82.2 64.1 96.1

218 51.9 39.4 59.0



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

