

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
 Data File : BG032214.D
 Acq On : 22 Jan 2018 16:56
 Operator : SJ/JU
 Sample : J1194-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02M3

Manual Integrations
 APPROVED

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 1/23/2018 5:08:46 PM

Quant Time: Jan 23 09:26:10 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	8.75	152	43814	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	182887	20.00	ng/ul	0.01
35) Acenaphthene-d10	15.36	164	124313	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	299149	20.00	ng/ul	0.00
77) Chrysene-d12	22.42	240	382476	20.00	ng/ul	0.00
85) Perylene-d12	26.11	264	394757	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.78	96	3811	5.27	ng/uL	0.00
5) Phenol-d5	7.84	99	24074	8.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.02	67	47731	33.60	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	76637	27.28	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	50227	18.37	ng/ul	0.00
19) Nitrobenzene-d5	9.93	128	46811	35.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	57801	36.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	109181	31.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.74	131	106	0.04	ng/ul	0.02
43) Dimethylphthalate-d6	14.74	166	362947	34.97	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	438052	34.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.51	143	11588m	8.38	ng/ul	0.00
57) Fluorene-d10	16.34	176	323821	33.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	71444	38.71	ng/ul	0.00
70) Anthracene-d10	18.19	188	496531	34.52	ng/ul	0.00
78) Pyrene-d10	20.43	212	628134	35.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	669657	36.70	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.86	94	55575	18.835	ng/ul#	90
10) 2-Chlorophenol	8.28	128	11039	4.160	ng/ul#	83
20) Nitrobenzene	9.99	77	726275	270.716	ng/ul#	83
23) 2-Nitrophenol	10.70	139	9680	5.907	ng/ul	89
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	140397	25.329	ng/ul#	91
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	478809	84.039	ng/uL	98
73) Pentachlorobenzene	15.67	250	14731	2.460	ng/uL	98

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

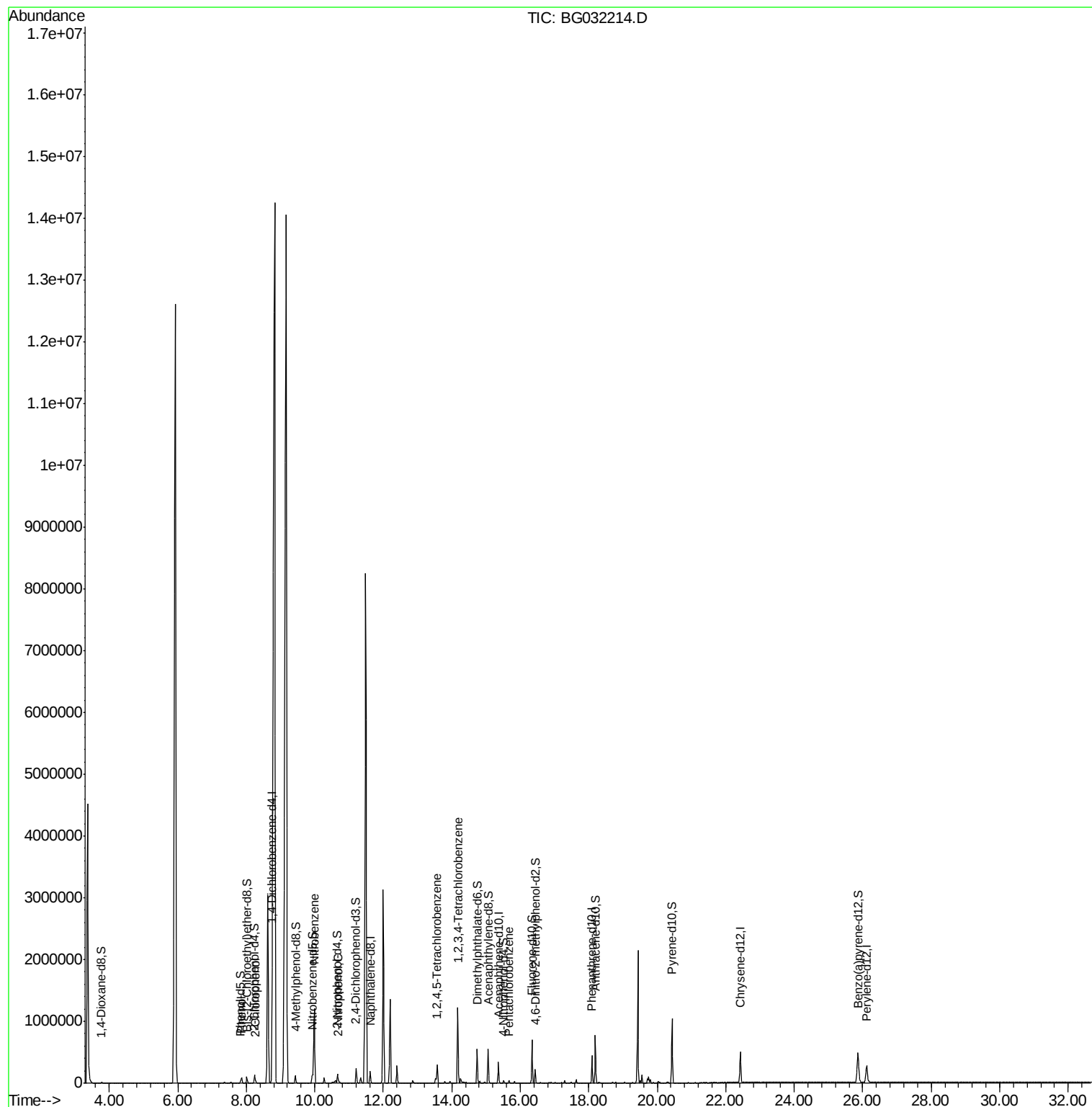
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
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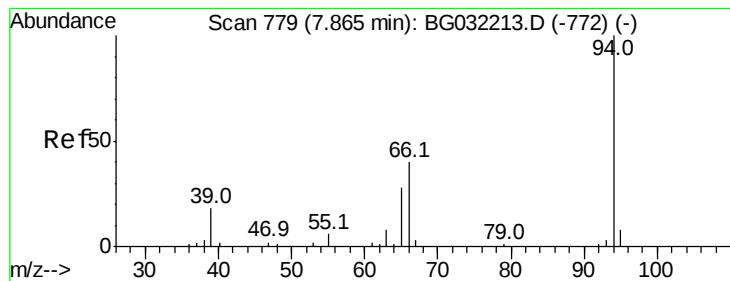
Instrument :
BNA_G
ClientSampleId :
C02M3

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 17:12:25 2018
Response via : Initial Calibration





#6

Phenol

Concen: 18.835 ng/ul

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032214.D

Acq: 22 Jan 2018 16:56

Instrument :

BNA_G

ClientSampled :

C02M3

Tot Ion: 94 Resp: 55575

Ion Ratio Lower Upper

94 100

65 31.9 23.0 34.6

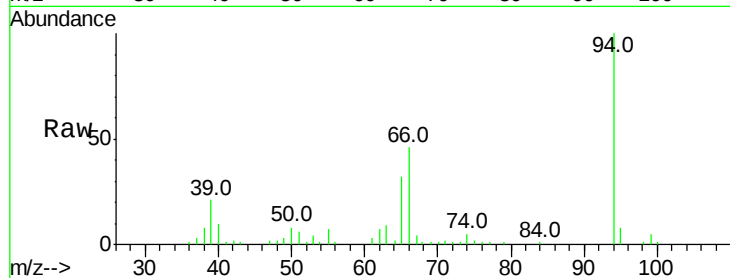
66 45.9 30.4 45.6#

Manual Integrations

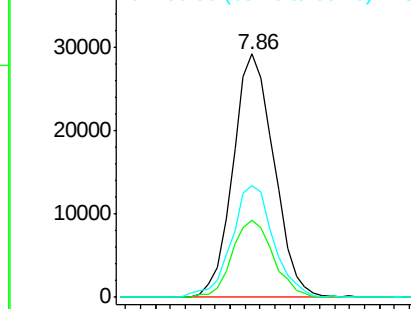
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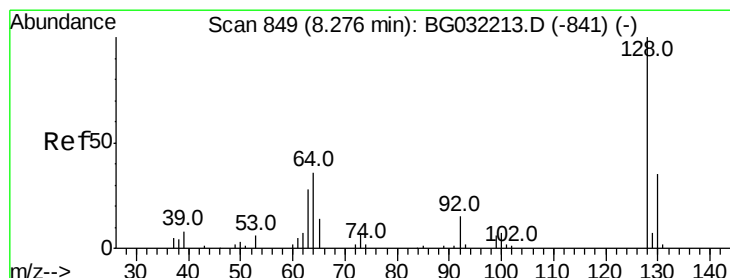
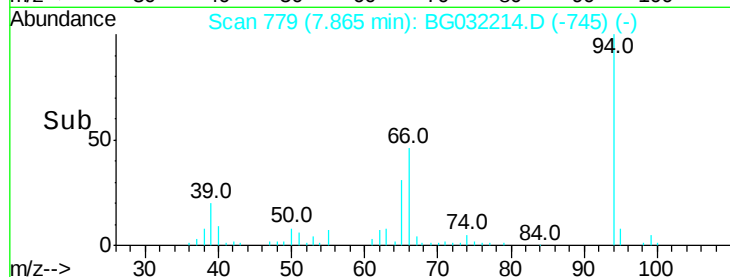
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->



#10

2-Chlorophenol

Concen: 4.160 ng/ul

RT: 8.28 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG032214.D

Acq: 22 Jan 2018 16:56

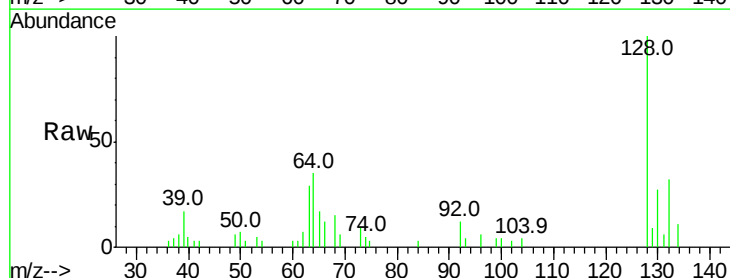
Tgt Ion:128 Resp: 11039

Ion Ratio Lower Upper

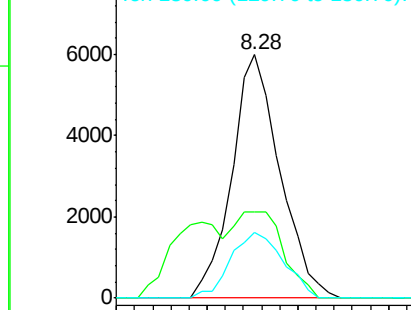
128 100

64 35.3 39.8 59.6#

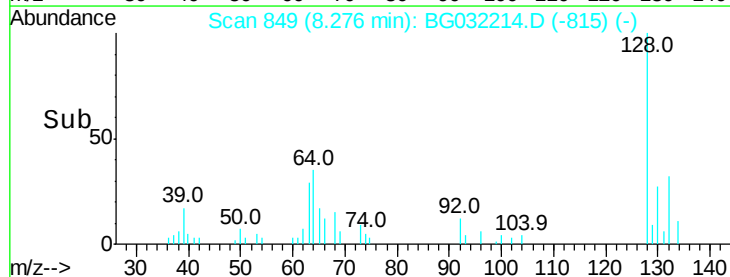
130 26.8 25.8 38.8

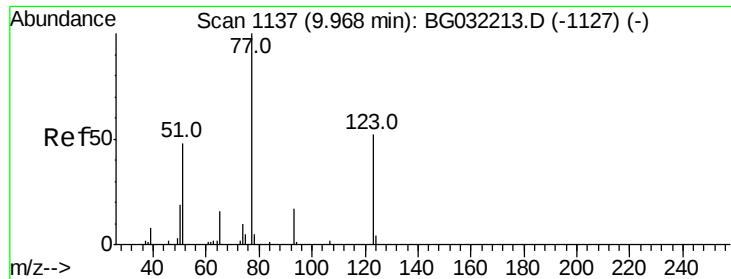


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E



Time-->





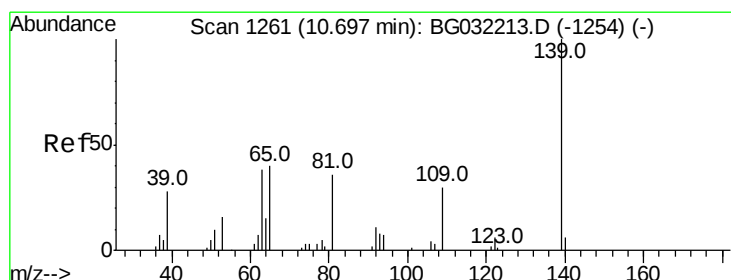
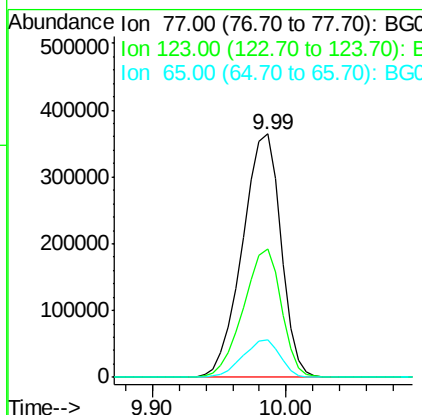
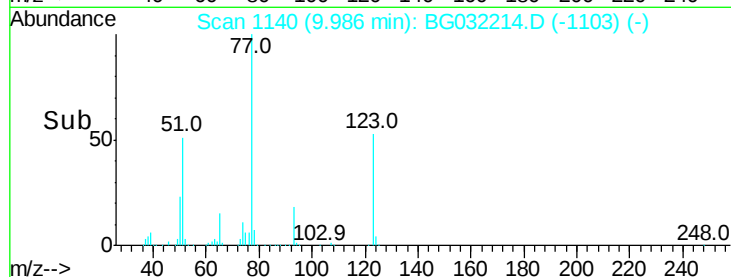
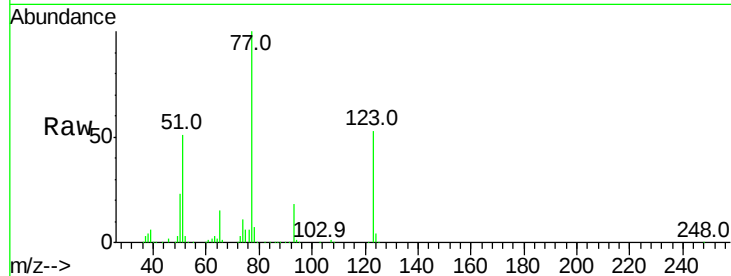
#20
Nitrobenzene
Concen: 270.716 ng/ul
RT: 9.99 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BG032214.D
Acq: 22 Jan 2018 16:56

Instrument :
BNA_G
ClientSampled :
C02M3

Tot Ion	Ratio	Lower	Upper
77	100		
123	52.9	31.8	47.8#
65	15.2	10.6	16.0

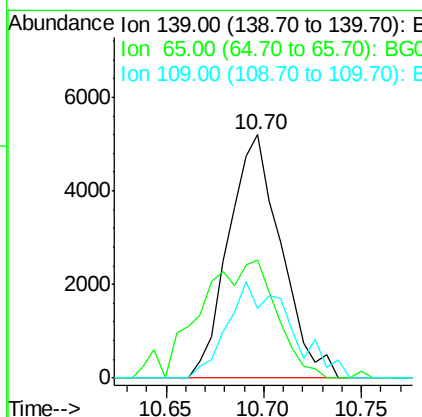
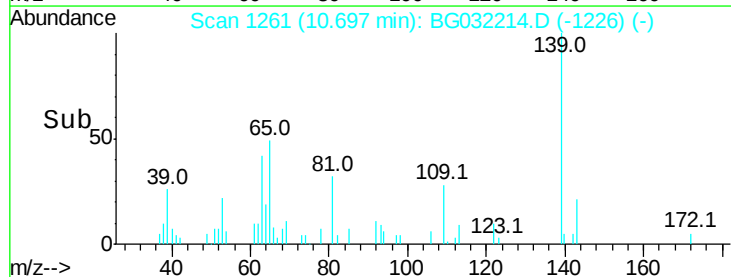
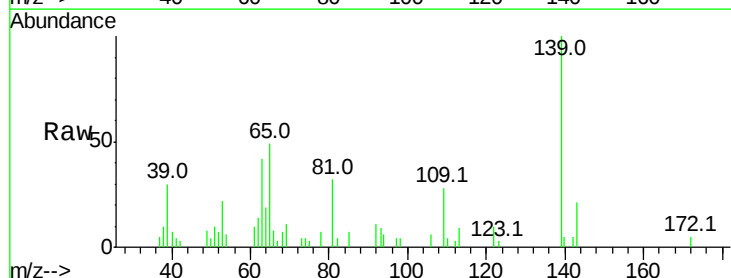
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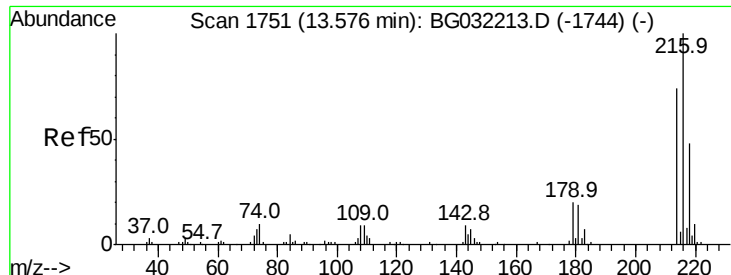
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#23
2-Nitrophenol
Concen: 5.907 ng/ul
RT: 10.70 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BG032214.D
Acq: 22 Jan 2018 16:56

Tgt Ion	Ratio	Lower	Upper
139	100		
65	48.7	45.3	67.9
109	28.4	27.7	41.5





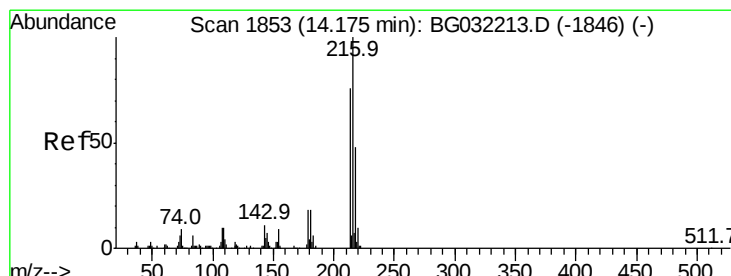
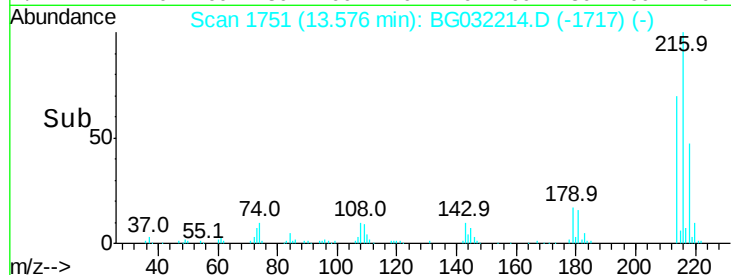
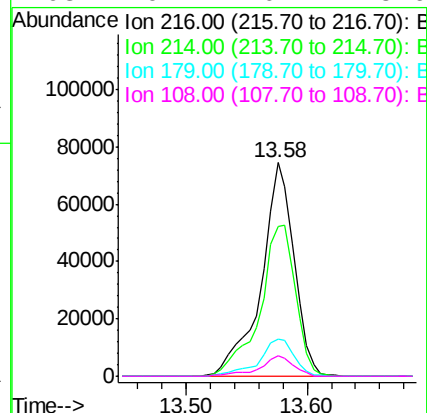
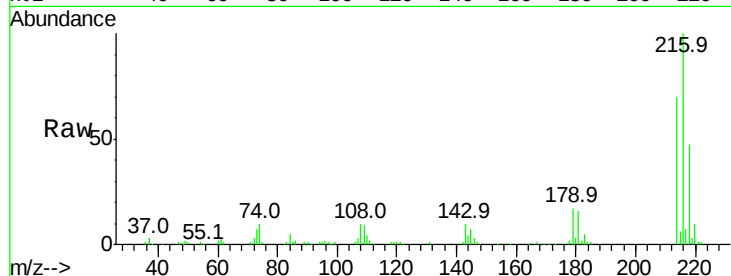
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.329 ng/uL
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG032214.D
 Acq: 22 Jan 2018 16:56

Instrument :
 BNA_G
 ClientSampleId :
 C02M3

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	70.3	64.1	96.1
179	17.2	14.5	21.7
108	9.7	10.4	15.6

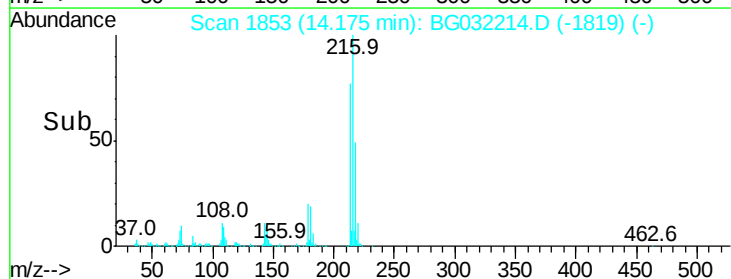
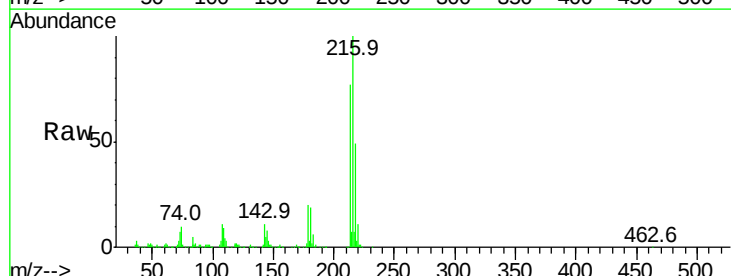
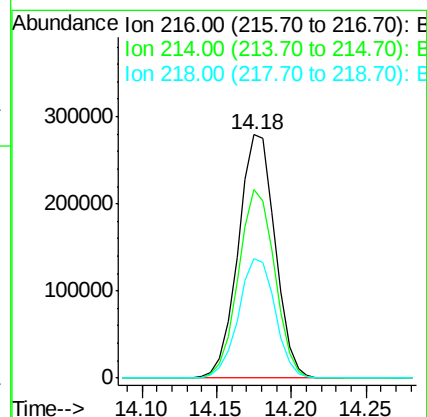
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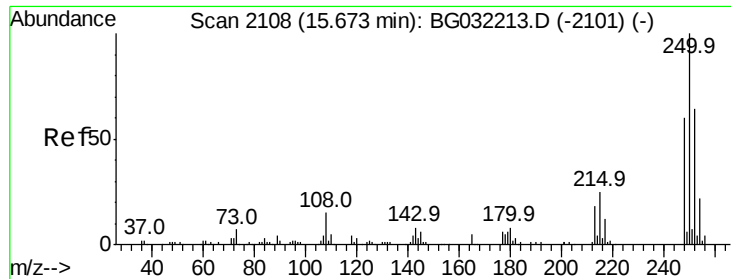
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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 84.039 ng/uL
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032214.D
 Acq: 22 Jan 2018 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.4	64.1	96.1
218	48.8	39.4	59.0





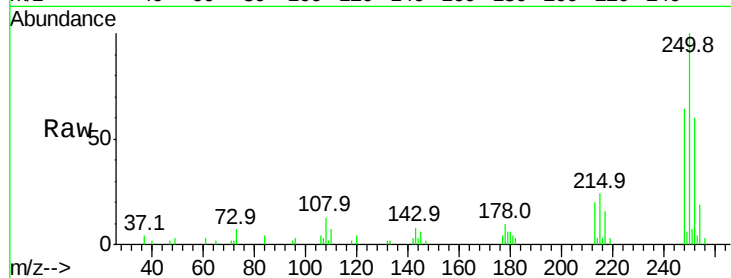
#73
 Pentachlorobenzene
 Concen: 2.460 ng/uL
 RT: 15.67 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG032214.D
 Acq: 22 Jan 2018 16:56

Instrument :
 BNA_G
 ClientSampleId :
 C02M3

Tot Ion	Ratio	Lower	Upper
250	100		
248	63.9	51.4	77.2
252	59.8	49.8	74.6

Manual Integrations
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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

