

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

Quant Time: Jan 23 04:47:35 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	11420	8.26	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

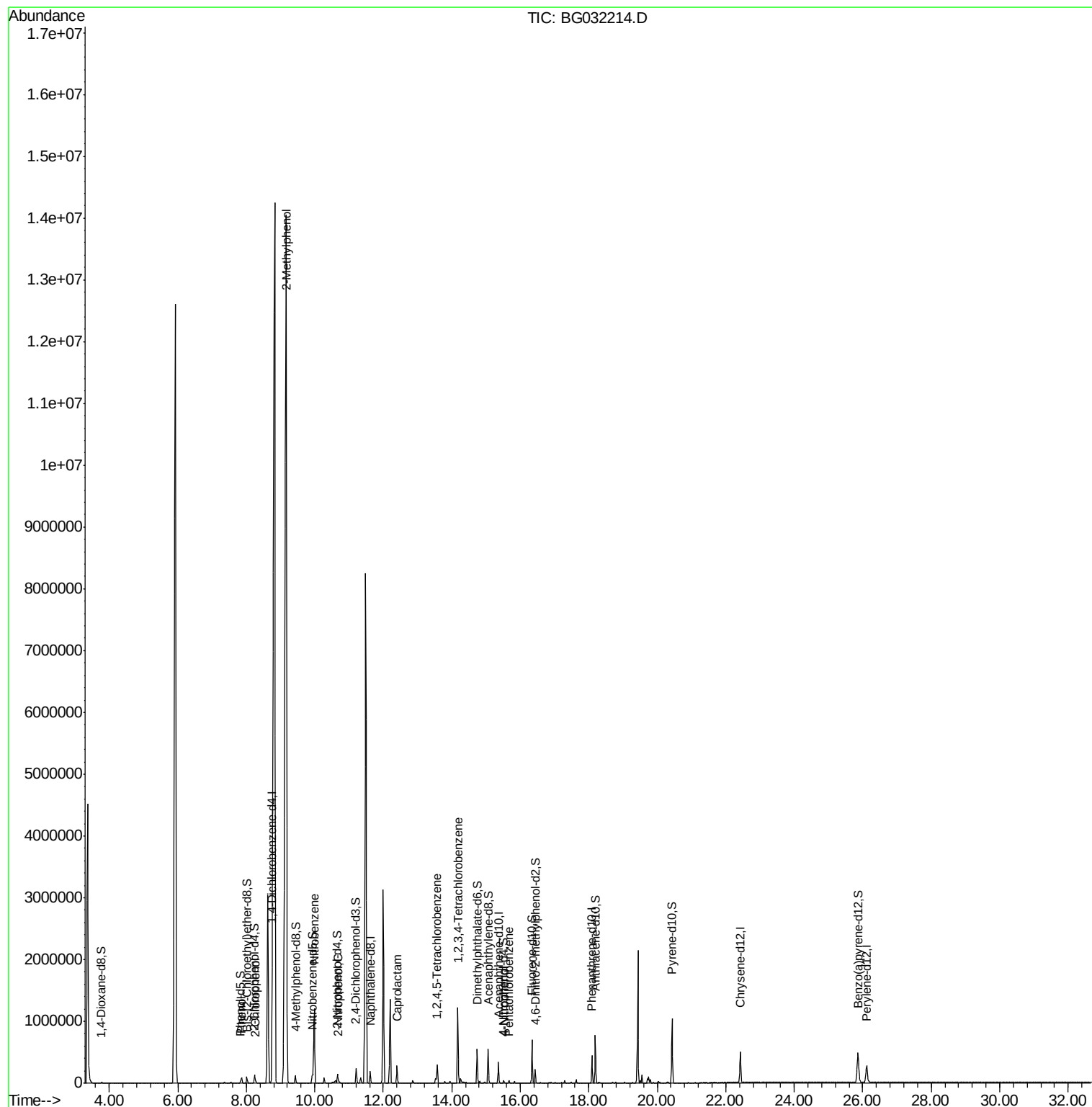
					Ovalue	
6) Phenol	7.86	94	55575	18.835	ng/ul#	90
10) 2-Chlorophenol	8.28	128	11039	4.160	ng/ul#	83
11) 2-Methylphenol	9.16	108	134831	57.412	ng/ul	88
20) Nitrobenzene	9.99	77	726275	270.716	ng/ul#	83
23) 2-Nitrophenol	10.70	139	9680	5.907	ng/ul	89
32) Caprolactam	12.41	113	20480	23.986	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	140397	25.329	ng/ul#	91
52) 4-Nitrophenol	15.53	109	1455	1.141	ng/ul#	74
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

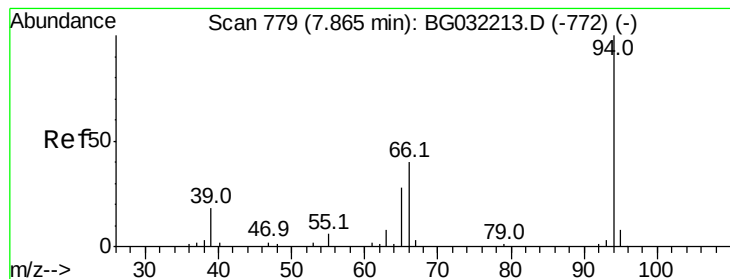
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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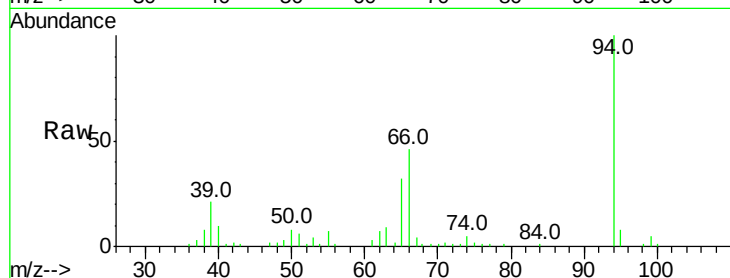
#6

Phenol

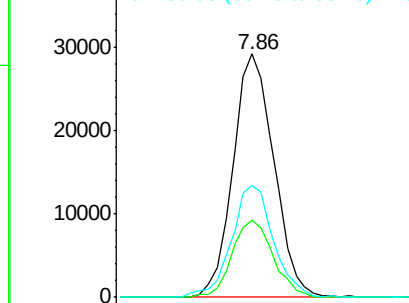
Concen: 18.835 ng/ul
 RT: 7.86 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BG032214.D
 Acq: 22 Jan 2018 16:56

Instrument :
 BNA_G
 ClientSampleId :
 C02M3

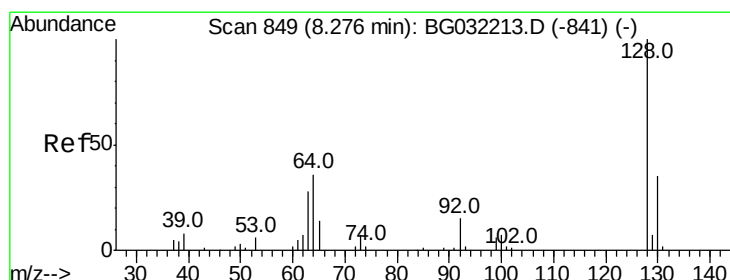
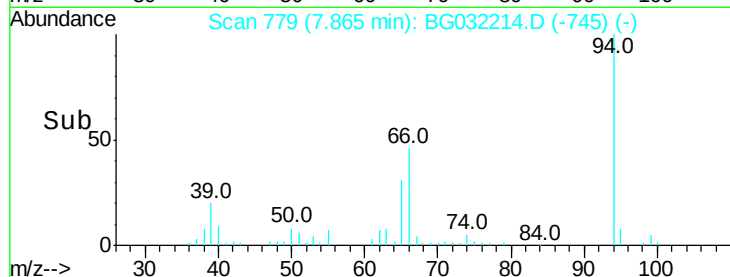
Tot Ion: 94 Resp: 55575
 Ion Ratio Lower Upper
 94 100
 65 31.9 23.0 34.6
 66 45.9 30.4 45.6#



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-->

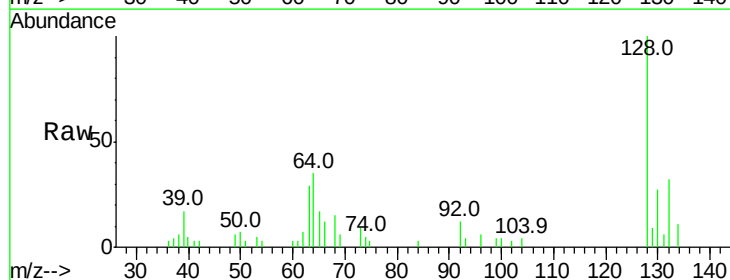


#10

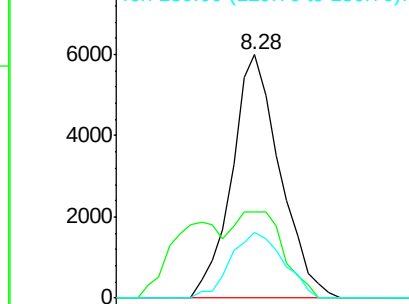
2-Chlorophenol

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

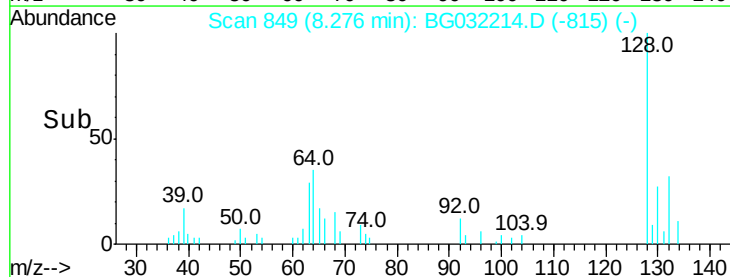
Tgt Ion:128 Resp: 11039
 Ion Ratio Lower Upper
 128 100
 64 35.3 39.8 59.6#
 130 26.8 25.8 38.8

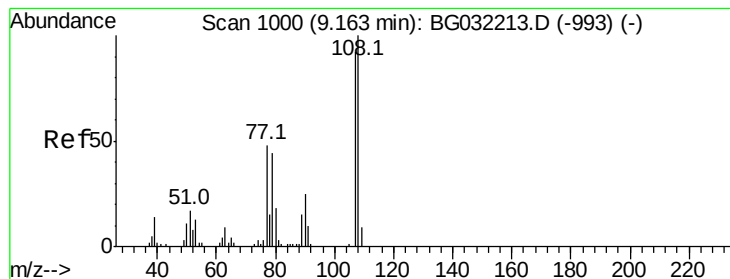


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 130.00 (129.70 to 130.70): E



Time-->





#11

2-Methylphenol

Concen: 57.412 ng/ul

RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG032214.D

Acq: 22 Jan 2018 16:56

Instrument :

BNA_G

ClientSampled :

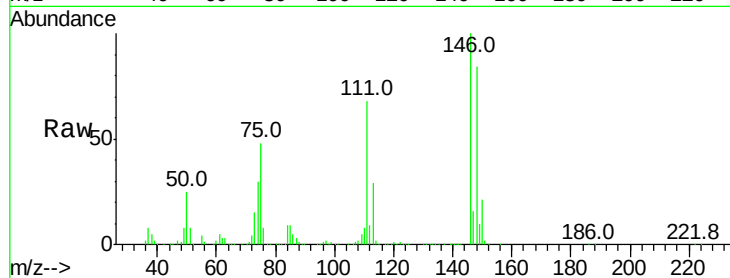
C02M3

Tot Ion:108 Resp: 134831

Ion Ratio Lower Upper

108 100

107 81.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

40000

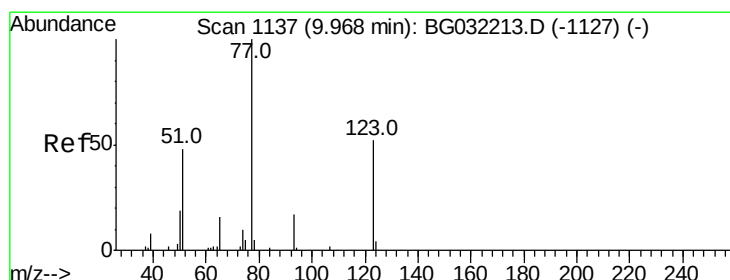
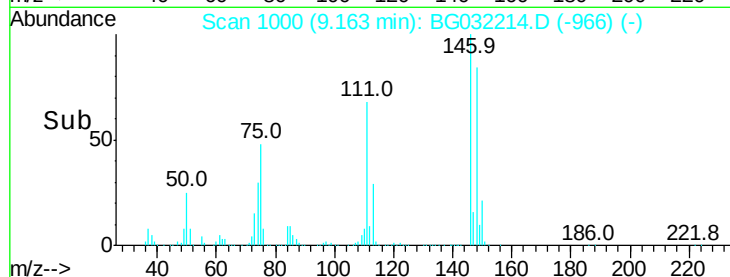
30000

20000

10000

0

Time--> 9.00 9.10 9.20



#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

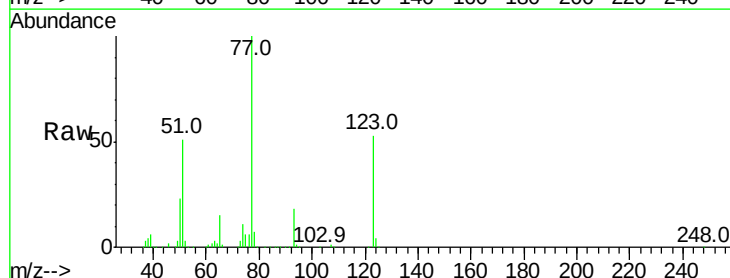
Tgt Ion: 77 Resp: 726275

Ion Ratio Lower Upper

77 100

123 52.9 31.8 47.8#

65 15.2 10.6 16.0



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

500000

400000

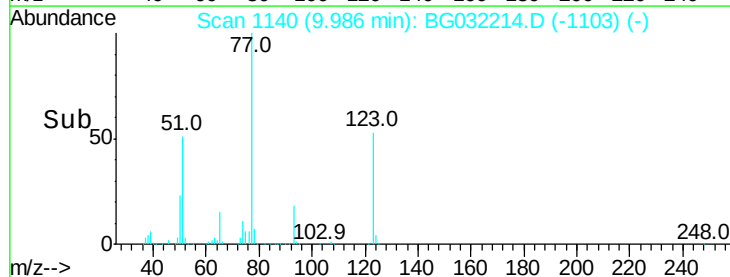
300000

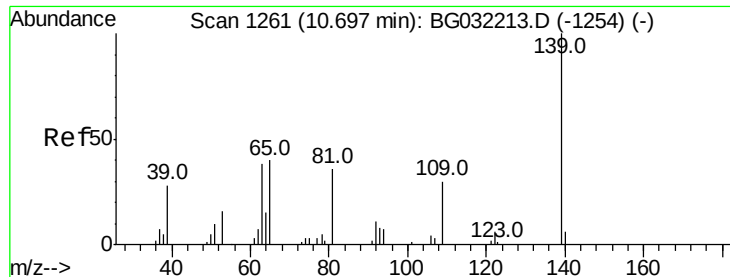
200000

100000

0

Time--> 9.90 10.00

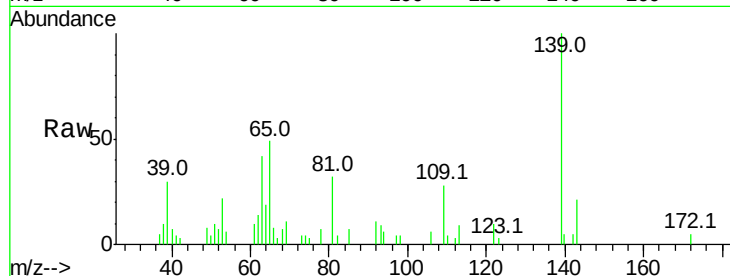




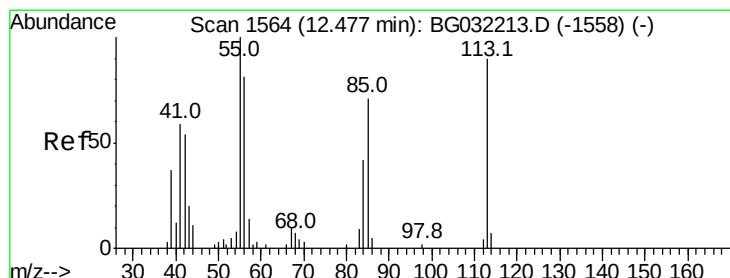
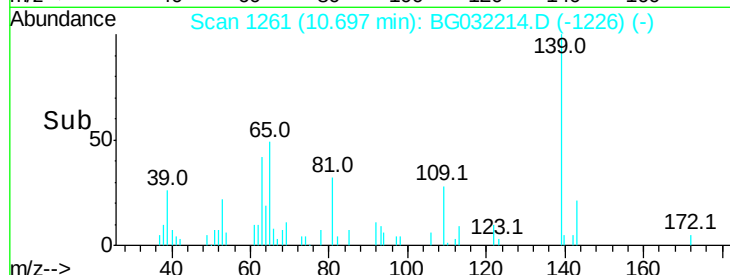
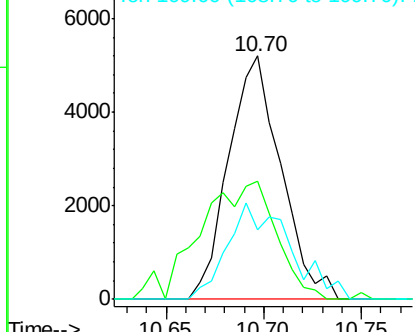
#23
2-Nitrophenol
Concen: 5.907 ng/ul
RT: 10.70 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BG032214.D
Acq: 22 Jan 2018 16:56

Instrument :
BNA_G
ClientSampleId :
C02M3

Tot Ion:139 Resp: 9680
Ion Ratio Lower Upper
139 100
65 48.7 45.3 67.9
109 28.4 27.7 41.5

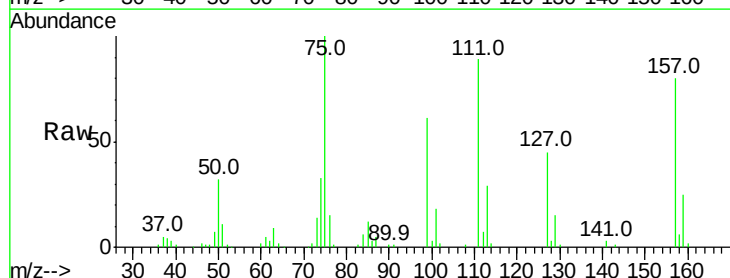


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): E

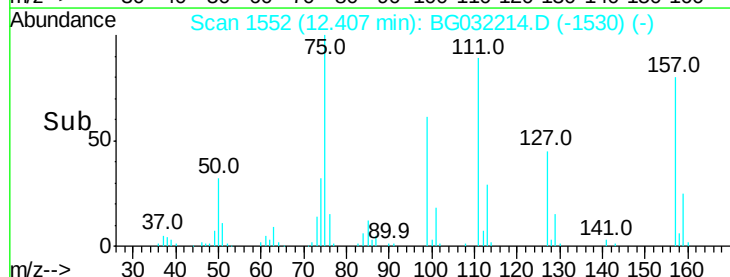
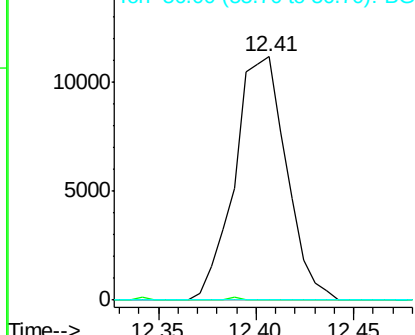


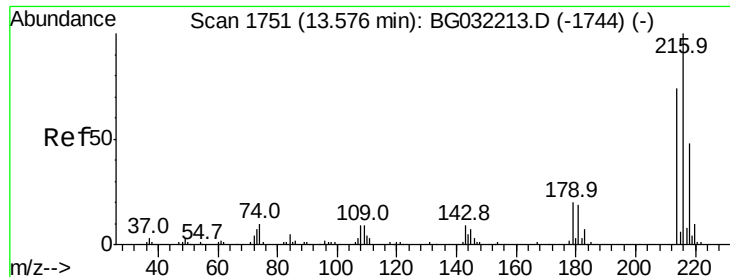
#32
Caprolactam
Concen: 23.986 ng/ul
RT: 12.41 min Scan# 1552
Delta R.T. -0.07 min
Lab File: BG032214.D
Acq: 22 Jan 2018 16:56

Tgt Ion:113 Resp: 20480
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

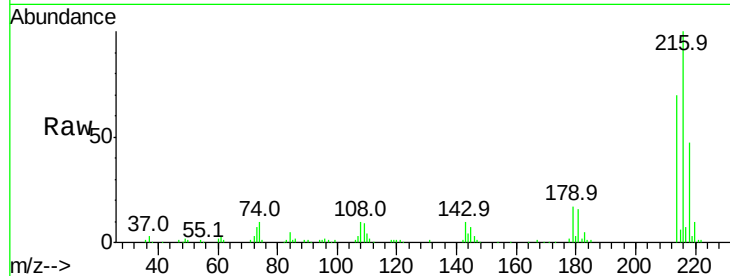




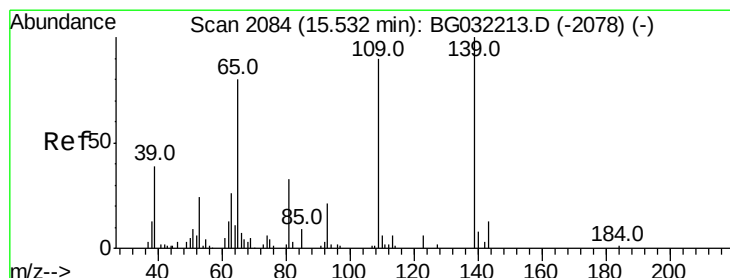
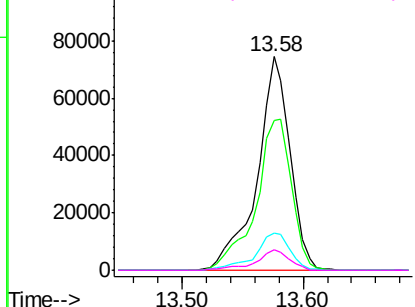
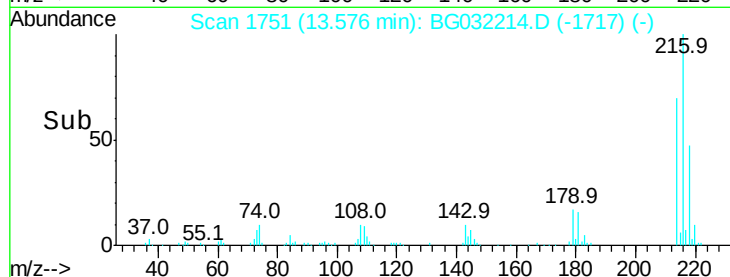
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.329 ng/ul
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG032214.D
 Acq: 22 Jan 2018 16:56

Instrument :
 BNA_G
 ClientSampleId :
 C02M3

Tot Ion:216 Resp: 140397
 Ion Ratio Lower Upper
 216 100
 214 70.3 64.1 96.1
 179 17.2 14.5 21.7
 108 9.7 10.4 15.6#

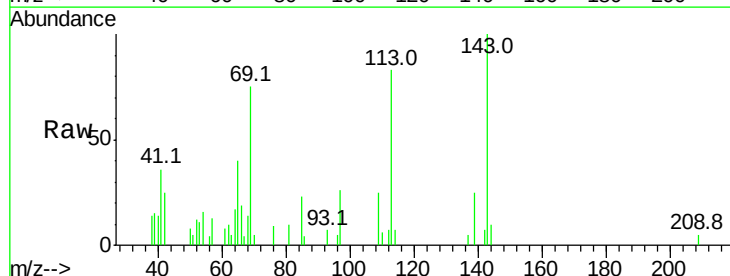


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

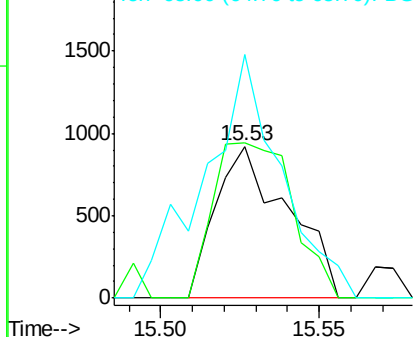
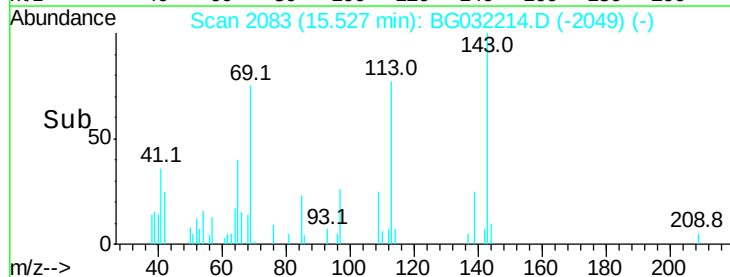


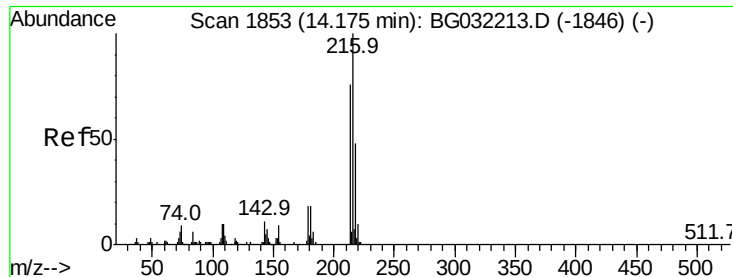
#52
 4-Nitrophenol
 Concen: 1.141 ng/ul
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG032214.D
 Acq: 22 Jan 2018 16:56

Tgt Ion:109 Resp: 1455
 Ion Ratio Lower Upper
 109 100
 139 102.5 91.2 136.8
 65 160.5 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BGO





#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

Instrument :

BNA_G

ClientSampleId :

C02M3

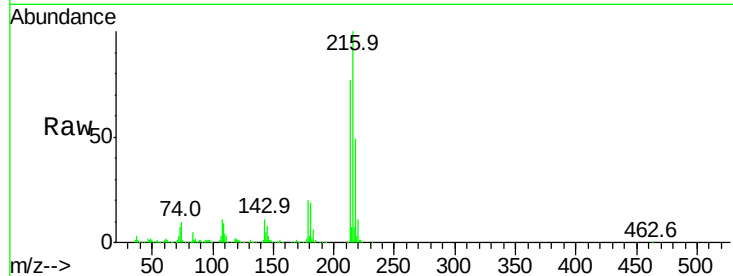
Tot Ion:216 Resp: 478809

Ion Ratio Lower Upper

216 100

214 77.4 64.1 96.1

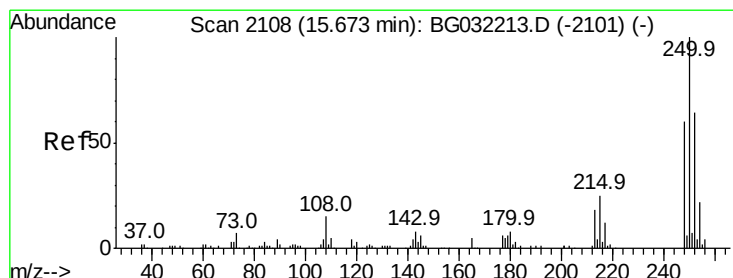
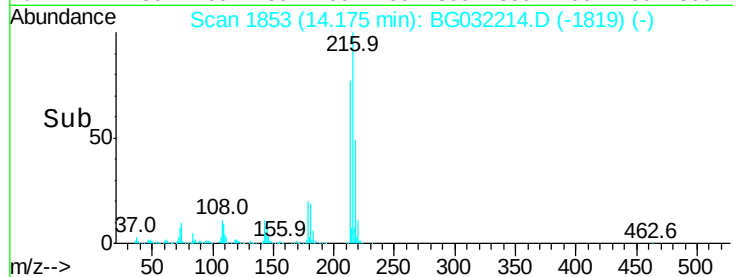
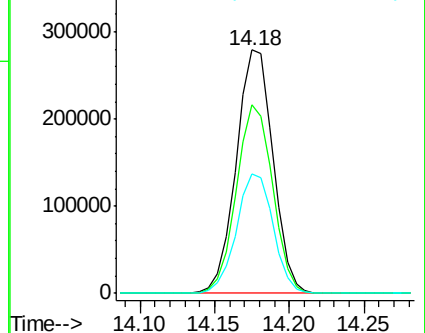
218 48.8 39.4 59.0



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



#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

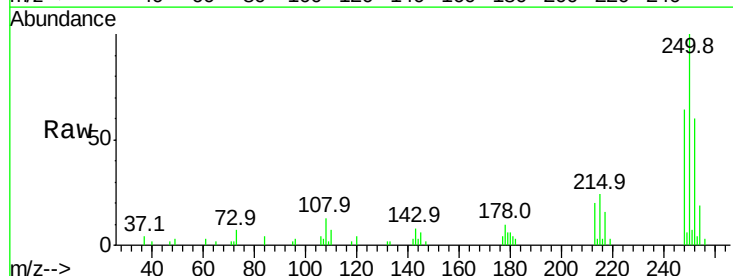
Tgt Ion:250 Resp: 14731

Ion Ratio Lower Upper

250 100

248 63.9 51.4 77.2

252 59.8 49.8 74.6



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

