

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
 Data File : BG026442.D
 Acq On : 27 Mar 2017 21:11
 Operator : SJ/MA
 Sample : I2358-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BN2

Quant Time: Apr 06 11:47:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 04 04:02:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	173444	20.00	ng/ul	0.02
18) Naphthalene-d8	10.85	136	705837	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.65	164	405735	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	947510	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1091694	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1106207	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	19738	5.44	ng/uL	0.00
5) Phenol-d5	7.21	99	90861	7.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	246484	34.44	ng/ul	0.01
9) 2-Chlorophenol-d4	7.58	132	309936	27.06	ng/ul	0.01
13) 4-Methylphenol-d8	8.75	113	178510	17.35	ng/ul	0.01
19) Nitrobenzene-d5	9.22	128	191013	37.86	ng/ul	0.02
22) 2-Nitrophenol-d4	9.93	143	223812	37.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	346296	31.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	3906	0.36	ng/ul	0.01
43) Dimethylphthalate-d6	14.05	166	1171240	37.28	ng/ul	0.00
46) Acenaphthylene-d8	14.35	160	1385914	35.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	50005	8.18	ng/ul	0.00
57) Fluorene-d10	15.63	176	1047508	36.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	229195	37.62	ng/ul	0.00
70) Anthracene-d10	17.48	188	1593206	37.03	ng/ul	0.00
78) Pyrene-d10	19.76	212	1838187	37.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1807249	38.03	ng/ul	0.00

Target Compounds

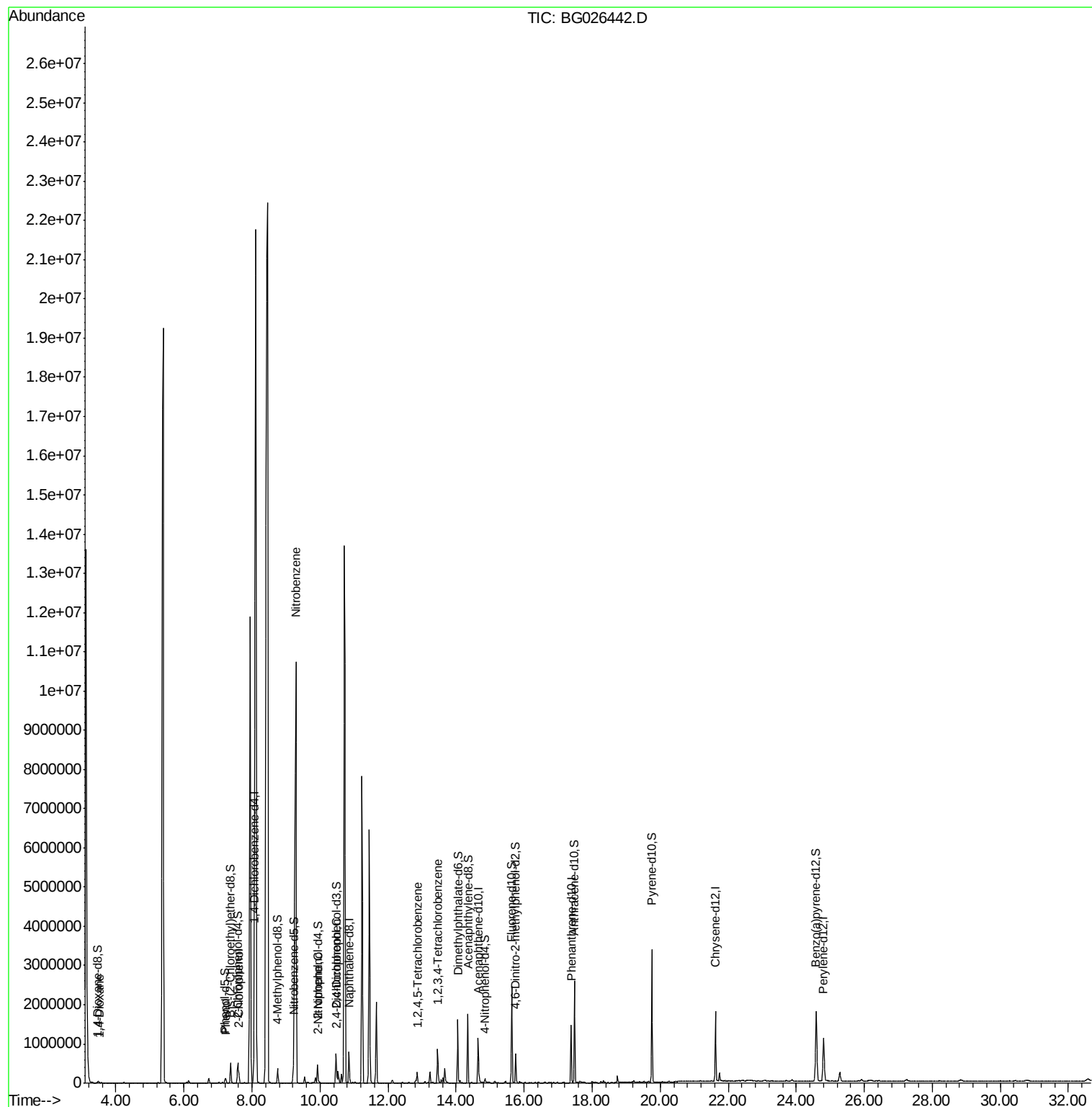
						Qvalue
2) 1,4-Dioxane	3.51	88	5681	1.47	ng/uL	96
6) Phenol	7.24	94	58294	4.37	ng/ul	93
10) 2-Chlorophenol	7.61	128	143626	12.96	ng/ul	99
20) Nitrobenzene	9.29	77	8772236	875.32	ng/ul#	64
23) 2-Nitrophenol	9.96	139	20454	3.29	ng/ul#	89
27) 2,4-Dichlorophenol	10.50	162	43882	4.09	ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	89831	7.03	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	293510	23.52	ng/uL	98

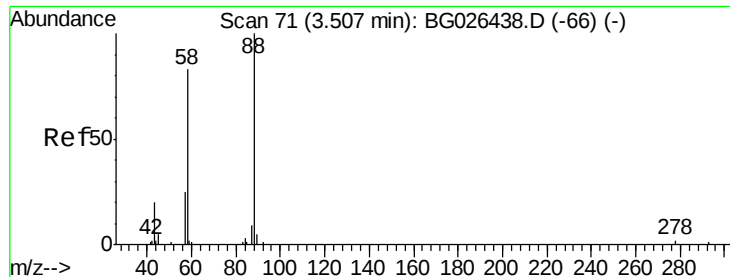
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.47 ng/uL

RT: 3.51 min Scan# 72

Delta R.T. 0.01 min

Lab File: BG026442.D

Acq: 27 Mar 2017 21:11

Instrument :

BNA_G

ClientSampleId :

C0BN2

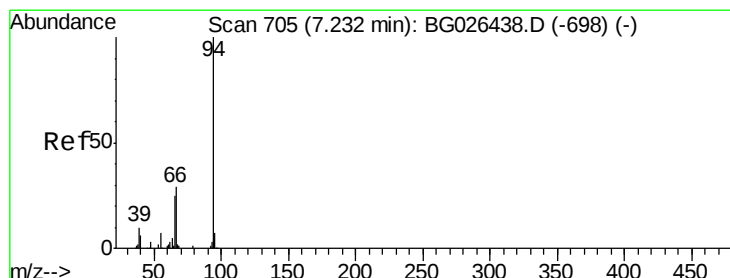
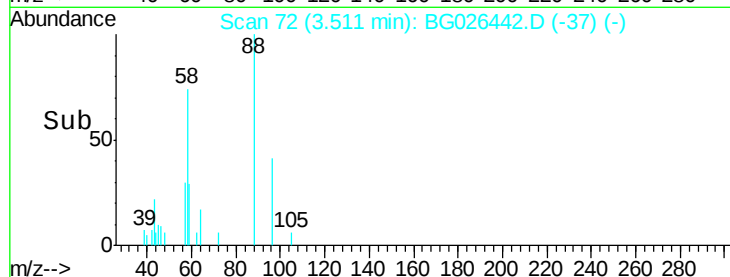
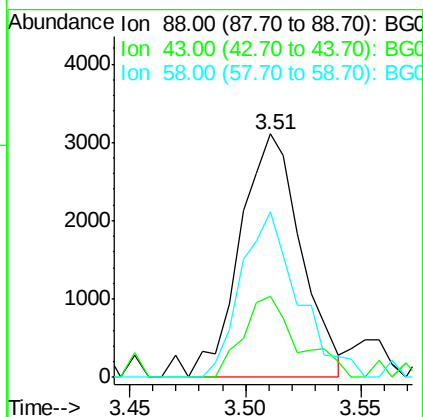
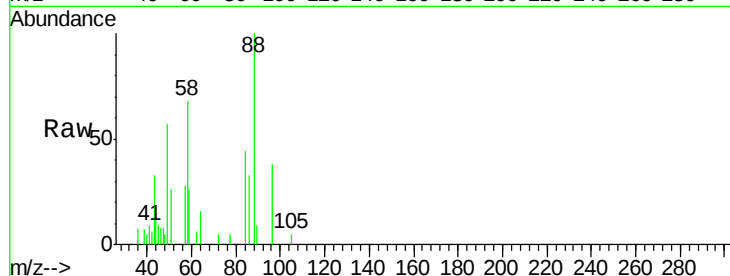
Tgt Ion: 88 Resp: 5681

Ion Ratio Lower Upper

88 100

43 24.2 21.0 31.6

58 62.6 47.8 71.8



#6

Phenol

Concen: 4.37 ng/uL

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG026442.D

Acq: 27 Mar 2017 21:11

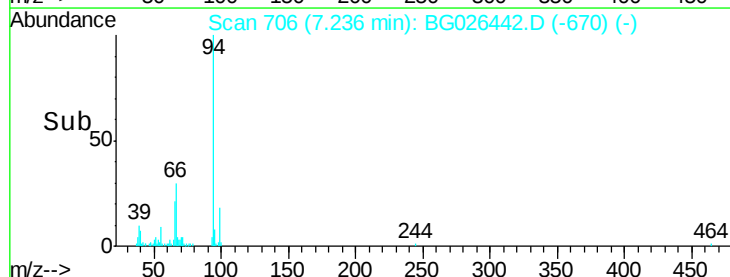
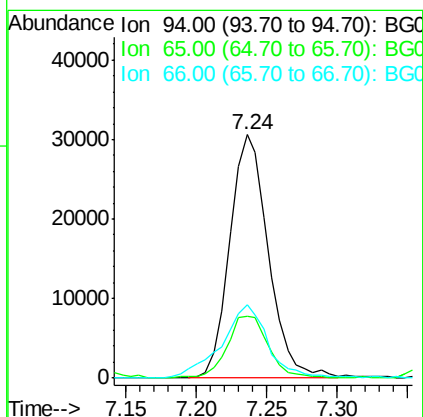
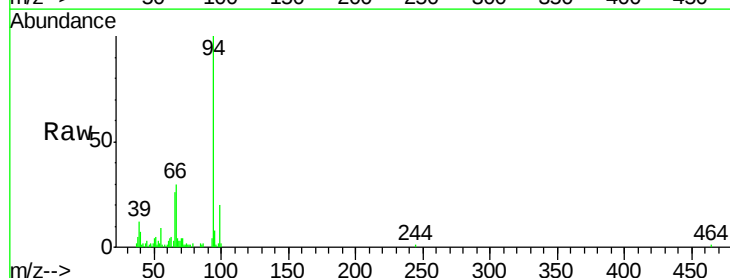
Tgt Ion: 94 Resp: 58294

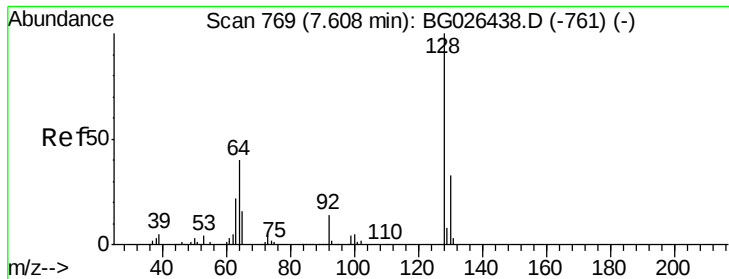
Ion Ratio Lower Upper

94 100

65 25.6 21.0 31.6

66 30.3 29.3 43.9

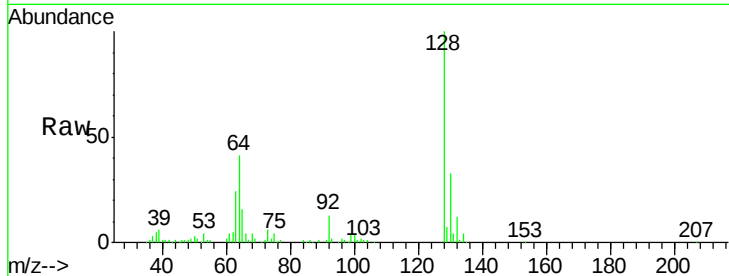




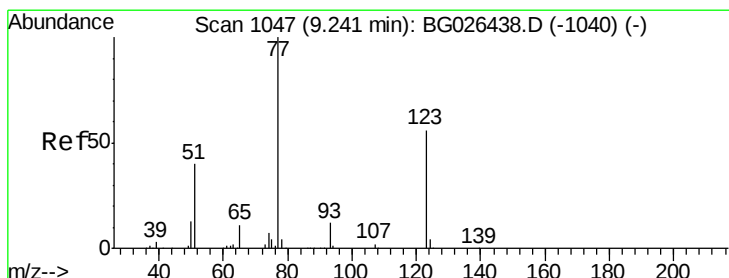
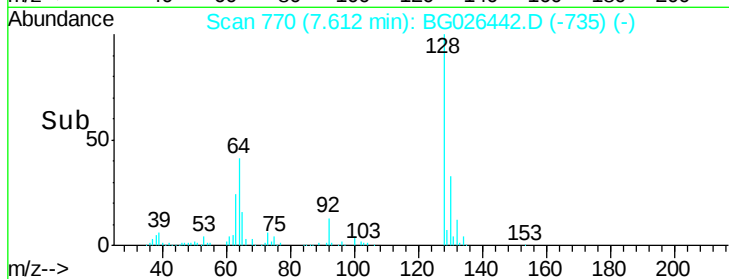
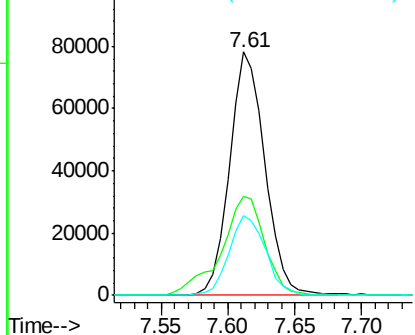
#10
 2-Chlorophenol
 Concen: 12.96 ng/ul
 RT: 7.61 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BG026442.D
 Acq: 27 Mar 2017 21:11

Instrument :
 BNA_G
 ClientSampleId :
 C0BN2

Tgt Ion:128 Resp: 143626
 Ion Ratio Lower Upper
 128 100
 64 40.6 31.9 47.9
 130 32.9 25.6 38.4

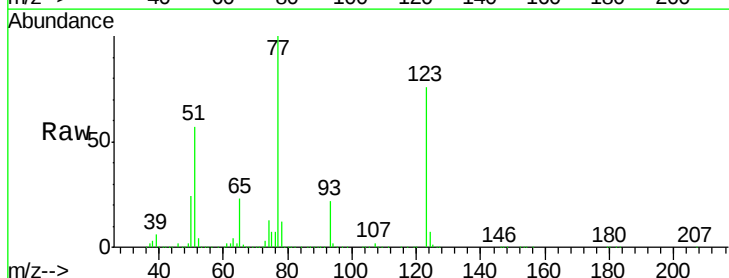


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 130.00 (129.70 to 130.70): E

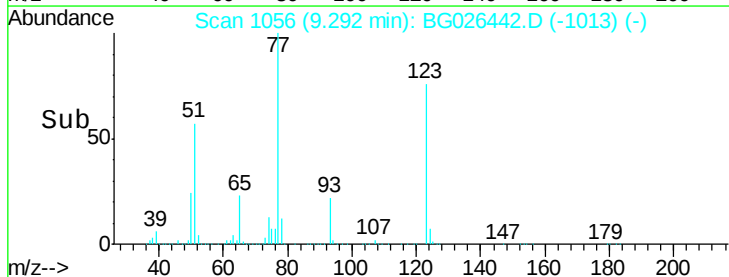
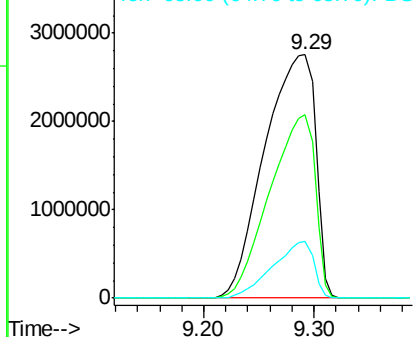


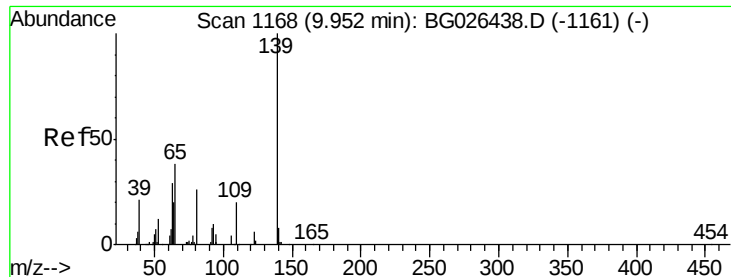
#20
 Nitrobenzene
 Concen: 875.32 ng/ul
 RT: 9.29 min Scan# 1056
 Delta R.T. 0.05 min
 Lab File: BG026442.D
 Acq: 27 Mar 2017 21:11

Tgt Ion: 77 Resp: 8772236
 Ion Ratio Lower Upper
 77 100
 123 75.5 39.0 58.4#
 65 23.1 10.4 15.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BGC

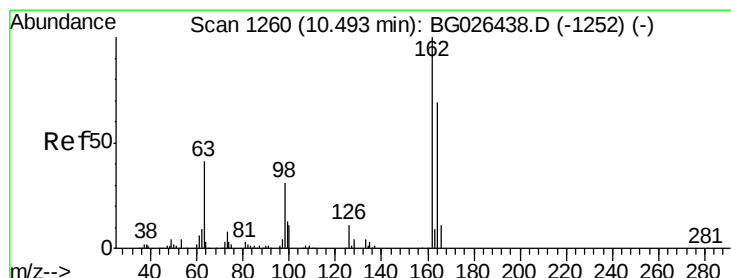
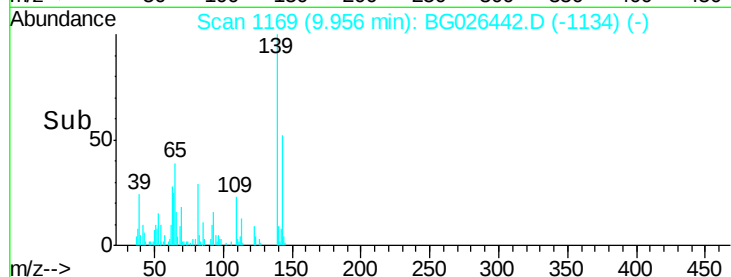
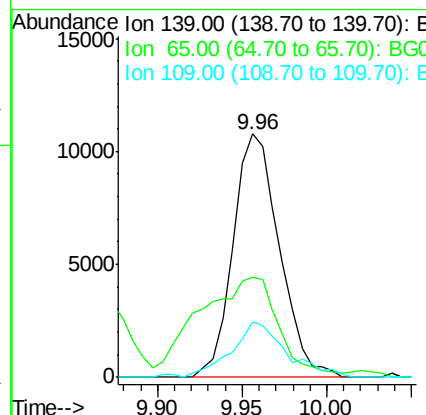
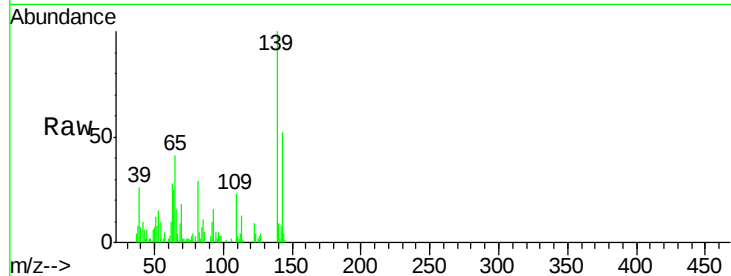




#23
 2-Nitrophenol
 Concen: 3.29 ng/ul
 RT: 9.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BG026442.D
 Acq: 27 Mar 2017 21:11

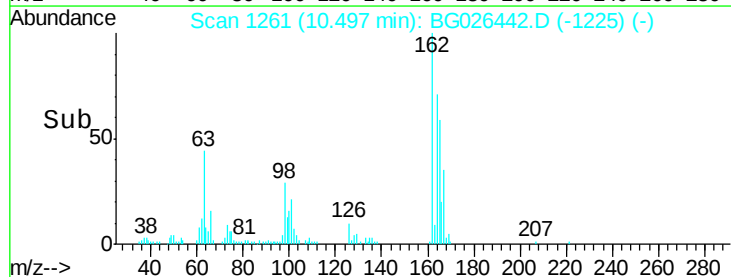
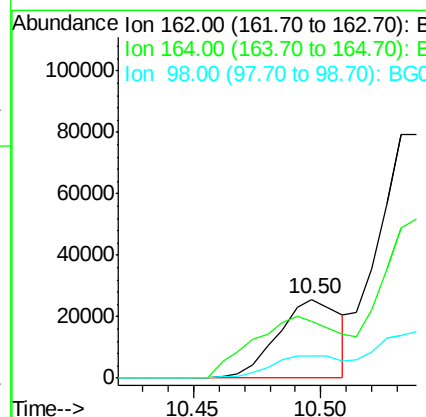
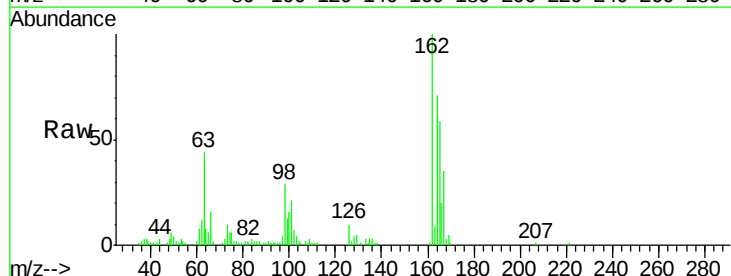
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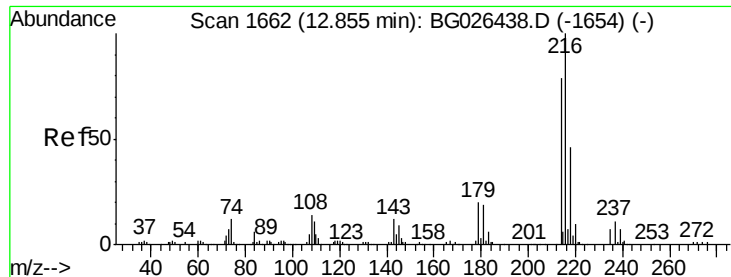
Tgt Ion	Ratio	Lower	Upper
139	100		
65	41.2	36.3	54.5
109	22.6	26.4	39.6



#27
 2,4-Dichlorophenol
 Concen: 4.09 ng/ul
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BG026442.D
 Acq: 27 Mar 2017 21:11

Tgt Ion	Ratio	Lower	Upper
162	100		
164	71.1	52.1	78.1
98	28.7	28.4	42.6

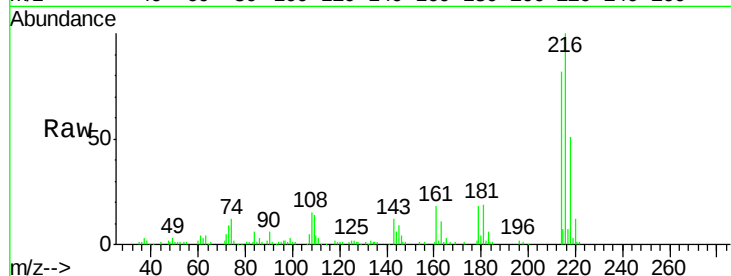




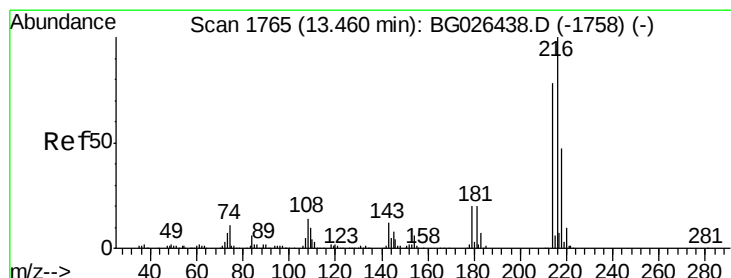
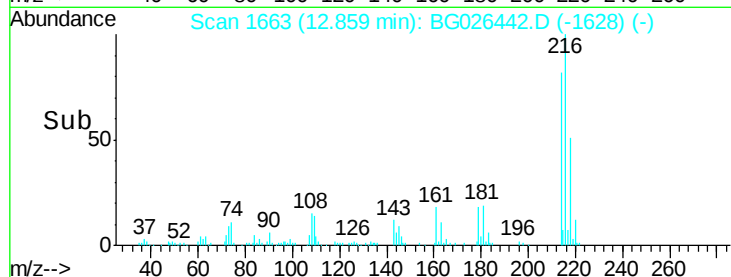
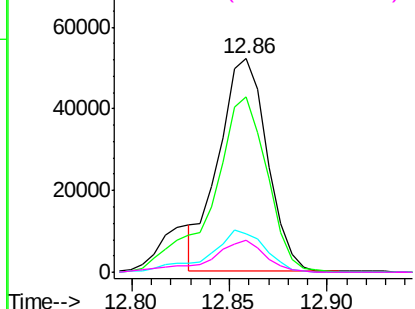
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.03 ng/uL
 RT: 12.86 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BG026442.D
 Acq: 27 Mar 2017 21:11

Instrument :
 BNA_G
 ClientSampleId :
 C0BN2

Tgt Ion:	216	Resp:	89831
Ion	Ratio	Lower	Upper
216	100		
214	82.0	62.5	93.7
179	18.2	18.2	27.2
108	14.9	14.2	21.2

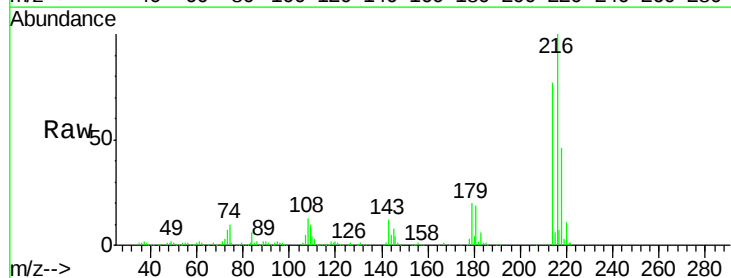


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 23.52 ng/uL
 RT: 13.46 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BG026442.D
 Acq: 27 Mar 2017 21:11

Tgt Ion:	216	Resp:	293510
Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
218	46.1	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

