

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031017\
 Data File : BG026173.D
 Acq On : 10 Mar 2017 14:46
 Operator : SJ/MA
 Sample : I2180-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BH0

Quant Time: Mar 10 23:58:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 23:28:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	112283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	466534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	275132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	670100	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	728145	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	708059	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8923	3.42	ng/uL	0.00
5) Phenol-d5	7.22	99	48703	5.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	162193	30.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	164845	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	97916	15.01	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	124644	36.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	104728	37.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	205454	33.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	3021	0.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	754421	42.15	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	1003984	41.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	17626	5.00	ng/ul	0.00
57) Fluorene-d10	15.65	176	744173	42.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	89968	28.61	ng/ul	0.00
70) Anthracene-d10	17.50	188	1175954	38.67	ng/ul	0.00
78) Pyrene-d10	19.77	212	1326372	44.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	1217001	38.99	ng/ul	0.00

Target Compounds

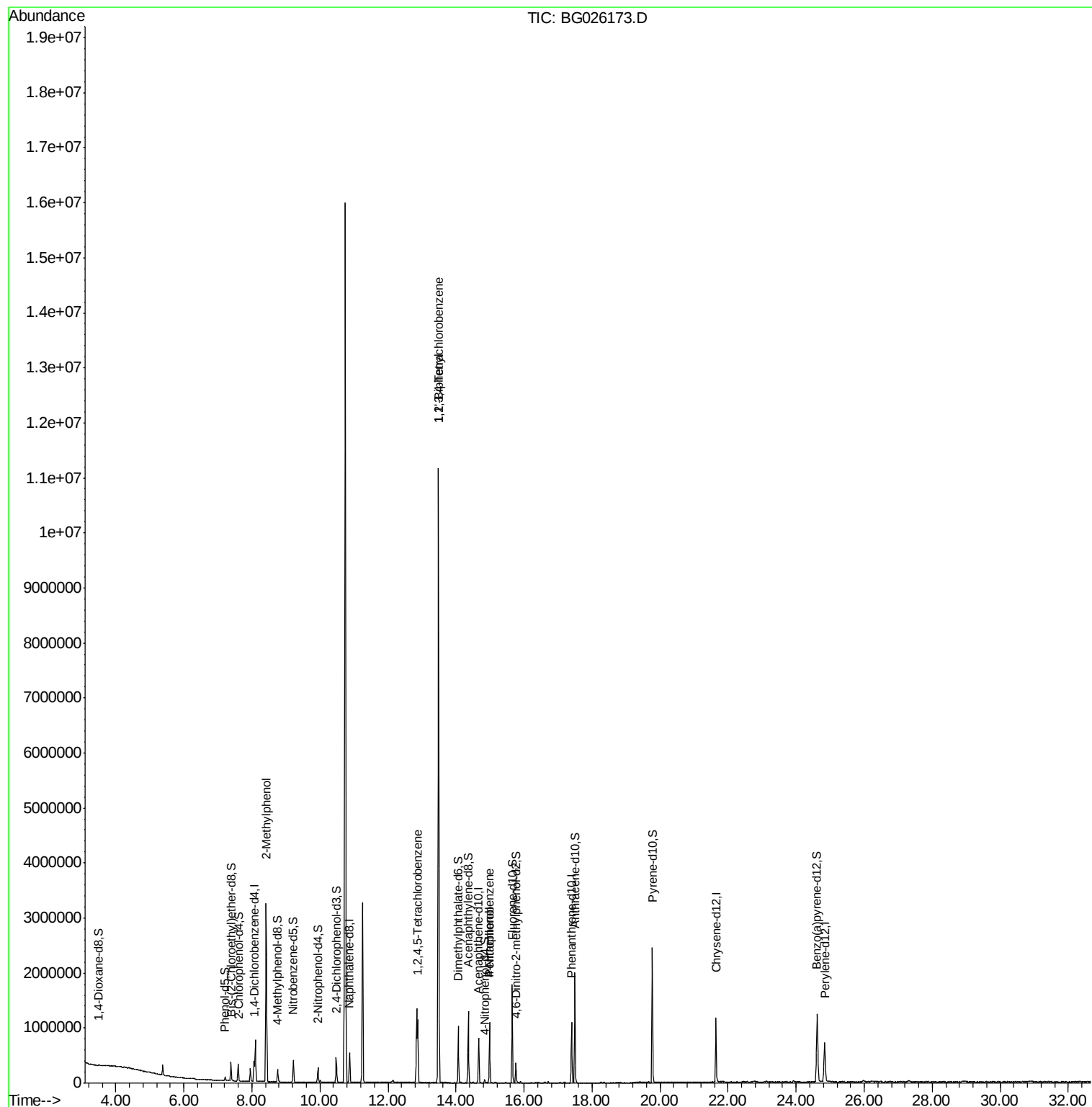
						Ovalue
11) 2-Methylphenol	8.42	108	10454	1.59	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	347720	44.71	ng/ul	97
40) 1,1'-Biphenyl	13.49	154	27224	1.35	ng/ul#	91
52) 4-Nitrophenol	14.99	109	10021	4.92	ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	3629478	452.72	ng/uL	90
73) Pentachlorobenzene	14.99	250	304123	37.00	ng/uL	98

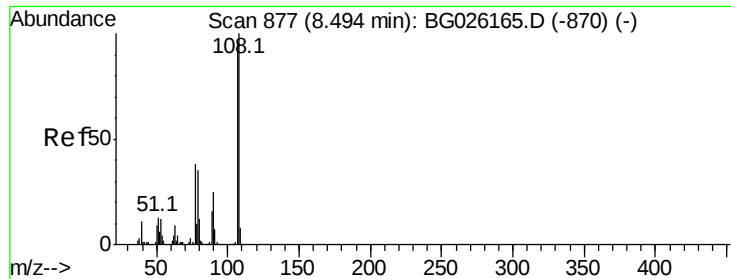
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 1.59 ng/ul

RT: 8.42 min Scan# 907

Delta R.T. -0.07 min

Lab File: BG026173.D

Acq: 10 Mar 2017 14:46

Instrument :

BNA_G

ClientSampleId :

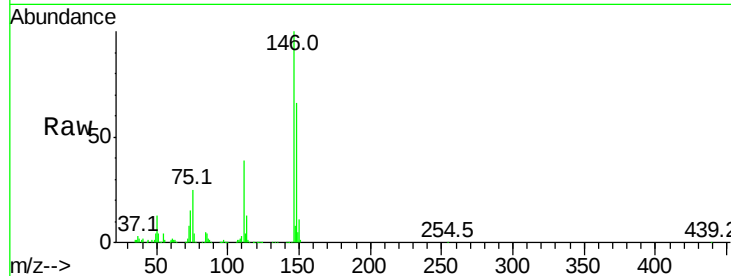
C0BH0

Tot Ion:108 Resp: 10454

Ion Ratio Lower Upper

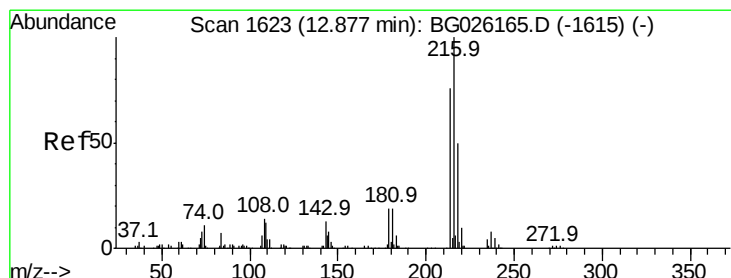
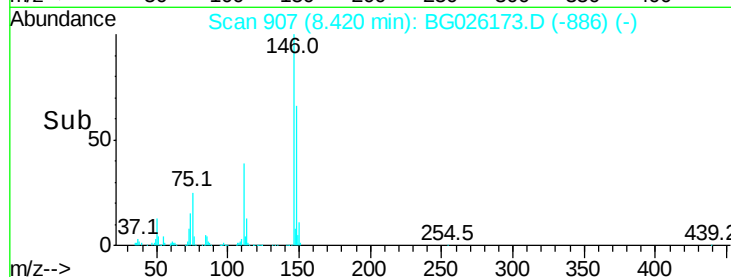
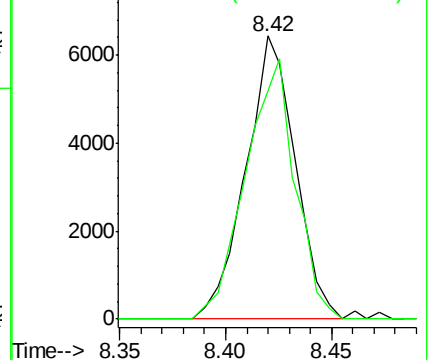
108 100

107 80.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 44.71 ng/ul

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG026173.D

Acq: 10 Mar 2017 14:46

Tgt Ion:216 Resp: 347720

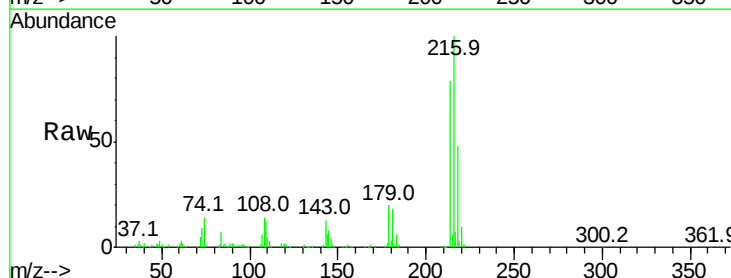
Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

179 20.1 18.2 27.2

108 14.2 14.2 21.2

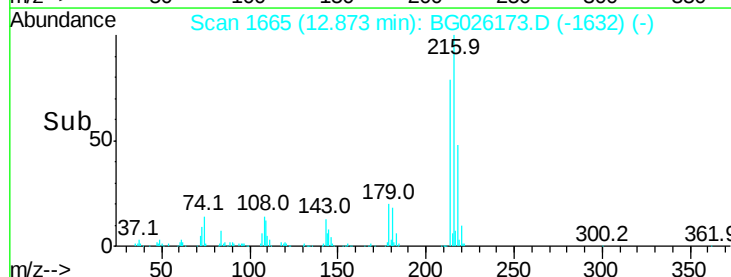
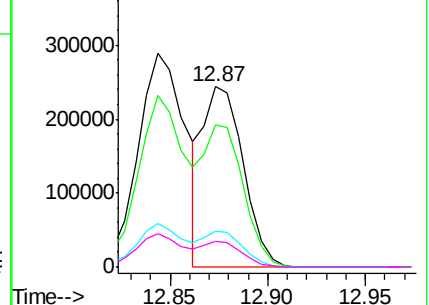


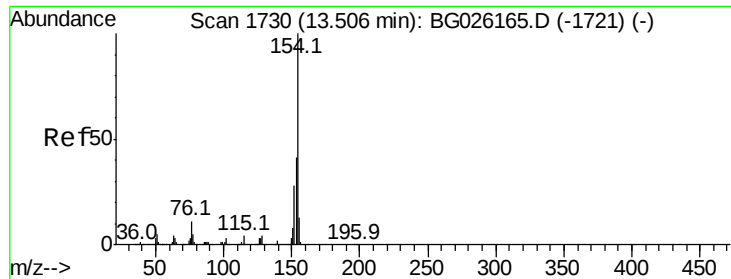
Abundance Ion 216.00 (215.70 to 216.70): E

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

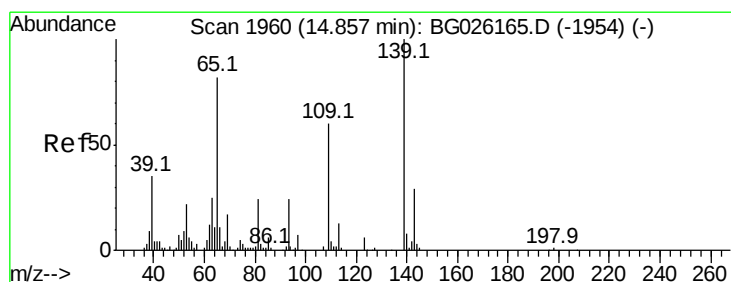
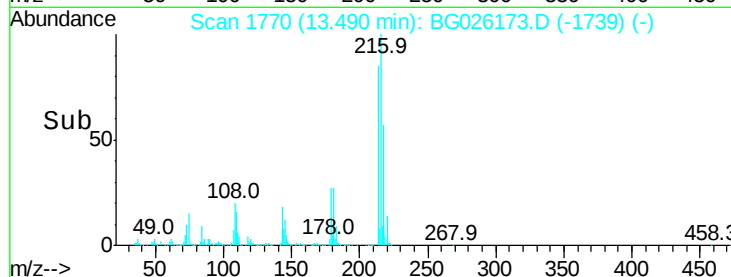
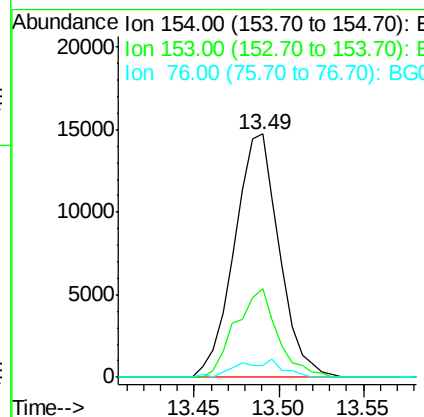
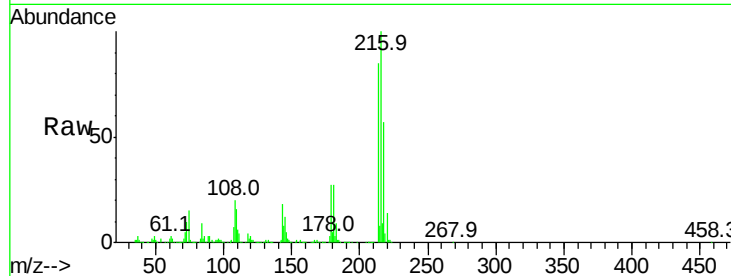




#40
 1,1'-Biphenyl
 Concen: 1.35 ng/ul
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG026173.D
 Acq: 10 Mar 2017 14:46

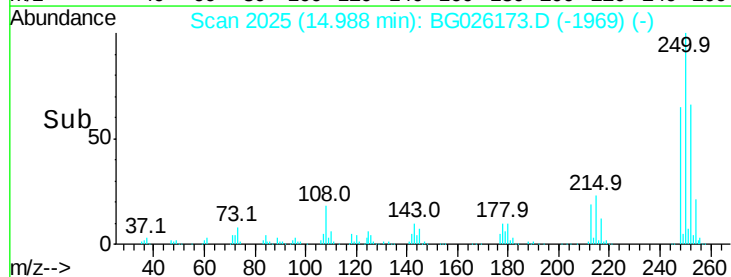
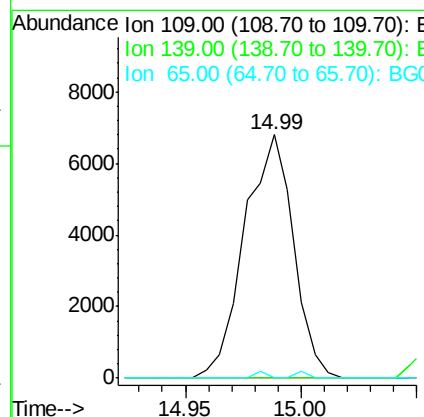
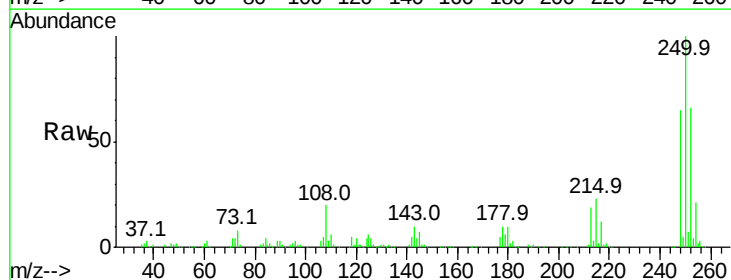
Instrument :
 BNA_G
 ClientSampleId :
 C0BH0

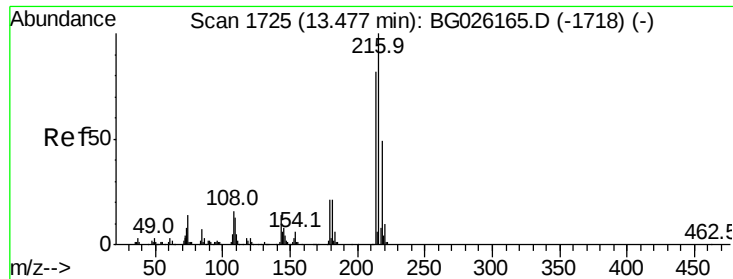
Tot Ion:154 Resp: 27224
 Ion Ratio Lower Upper
 154 100
 153 36.4 32.1 48.1
 76 5.2 9.5 14.3#



#52
 4-Nitrophenol
 Concen: 4.92 ng/ul
 RT: 14.99 min Scan# 2025
 Delta R.T. 0.13 min
 Lab File: BG026173.D
 Acq: 10 Mar 2017 14:46

Tgt Ion:109 Resp: 10021
 Ion Ratio Lower Upper
 109 100
 139 0.0 103.7 155.5#
 65 0.0 89.4 134.2#





#72

1,2,3,4-Tetrachlorobenzene

Concen: 452.72 ng/uL

RT: 13.49 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BG026173.D

Acq: 10 Mar 2017 14:46

Instrument :

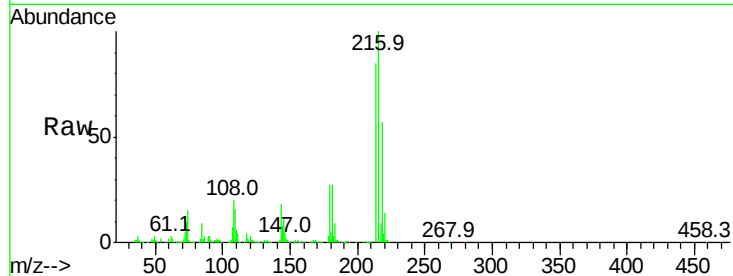
BNA_G

ClientSampleId :

C0BH0

Tot Ion:216 Resp: 3629478

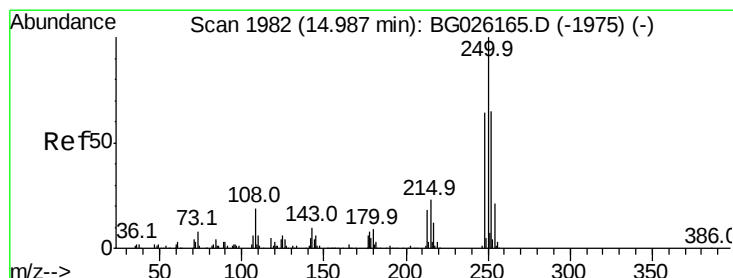
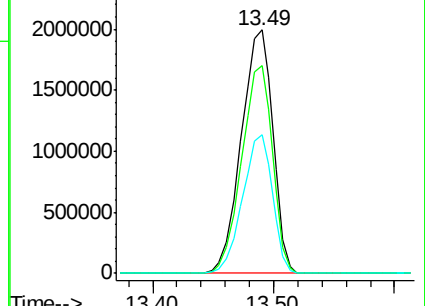
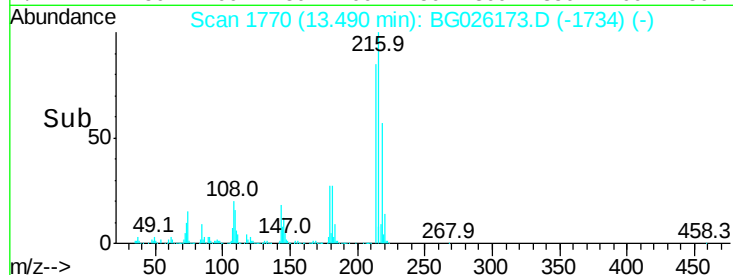
Ion	Ratio	Lower	Upper
216	100		
214	85.1	62.5	93.7
218	56.9	38.4	57.6



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



#73

Pentachlorobenzene

Concen: 37.00 ng/uL

RT: 14.99 min Scan# 2025

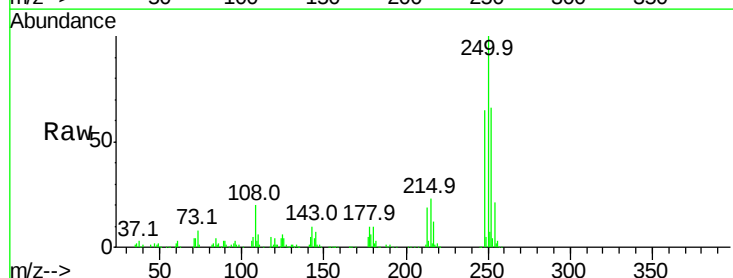
Delta R.T. 0.00 min

Lab File: BG026173.D

Acq: 10 Mar 2017 14:46

Tgt Ion:250 Resp: 304123

Ion	Ratio	Lower	Upper
250	100		
248	64.7	50.6	75.8
252	66.3	51.4	77.0



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

