

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032816\
 Data File : BG021541.D
 Acq On : 29 Mar 2016 00:53
 Operator : UM/SJ
 Sample : H1910-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD2

Quant Time: Mar 29 02:05:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 29 02:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	6071	20.00	ng/ul	0.01
18) Naphthalene-d8	10.89	136	44431	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.67	164	28810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	75603	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	87548	20.00	ng/ul	-0.01
86) Perylene-d12	24.88	264	78196	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	120	0.89	ng/uL	0.00
5) Phenol-d5	7.35	99	3651	6.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	14360	42.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	14871	34.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	8963	18.23	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	10295	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	11840	31.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	18084	26.55	ng/ul	0.03
29) 4-Chloroaniline-d4	11.03	131	225	0.25	ng/ul	0.02
44) Dimethylphthalate-d6	14.07	166	74109	30.89	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	92538	31.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	1911	4.98	ng/ul	0.00
58) Fluorene-d10	15.66	176	68024	31.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	13750	27.53	ng/ul	0.00
71) Anthracene-d10	17.50	188	111302	30.04	ng/ul	0.00
79) Pyrene-d10	19.78	212	140983	34.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	122287	33.88	ng/ul	-0.01

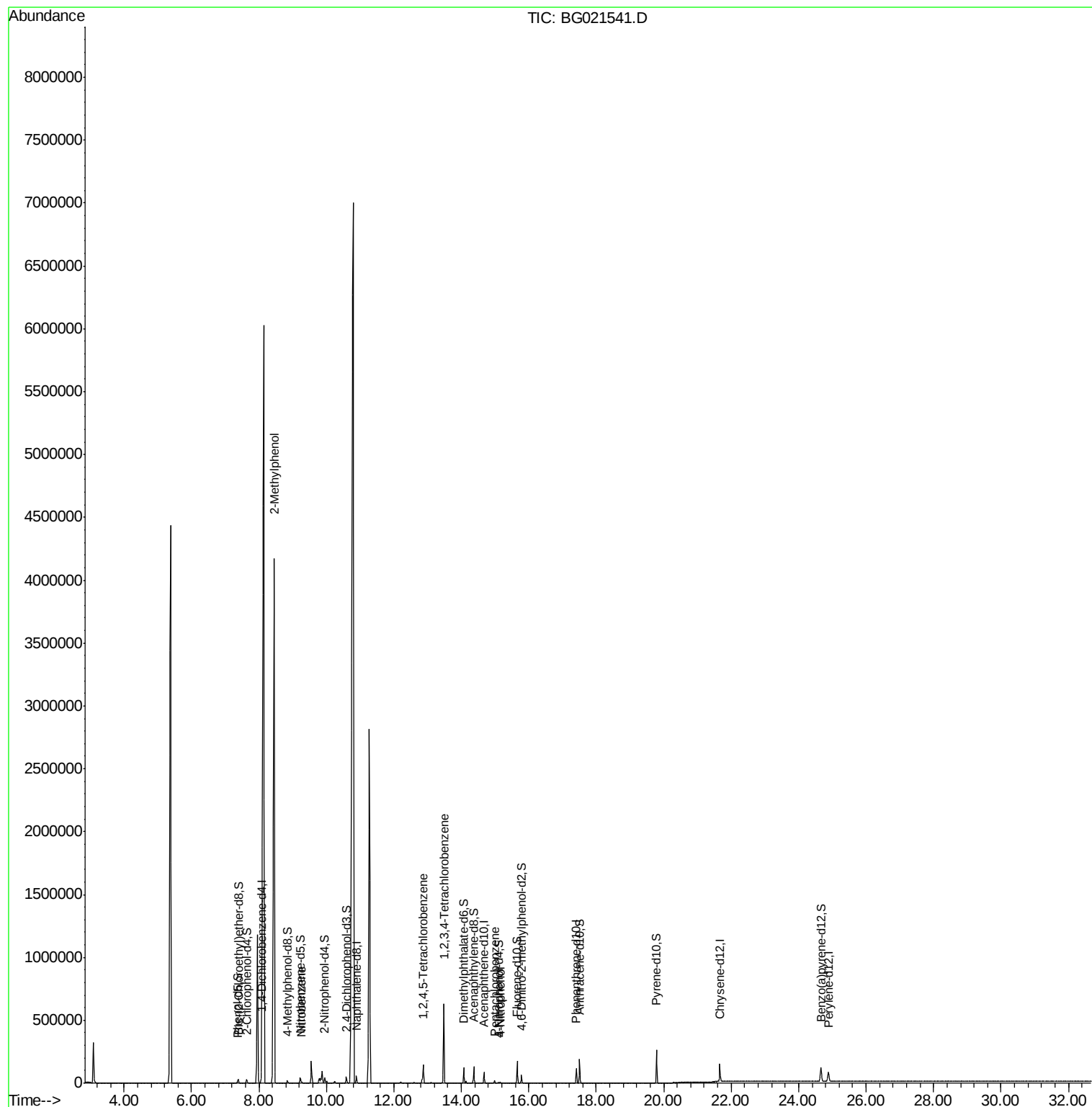
Target Compounds

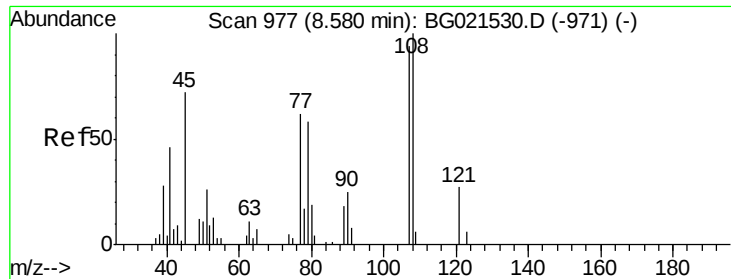
						Qvalue
11) 2-Methylphenol	8.45	108	22328	47.81	ng/ul	97
20) Nitrobenzene	9.27	77	6064	6.44	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	55724	55.26	ng/ul	93
53) 4-Nitrophenol	15.15	109	636	1.60	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	187472	177.10	ng/uL	92
74) Pentachlorobenzene	14.98	250	6861	6.24	ng/uL#	83

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

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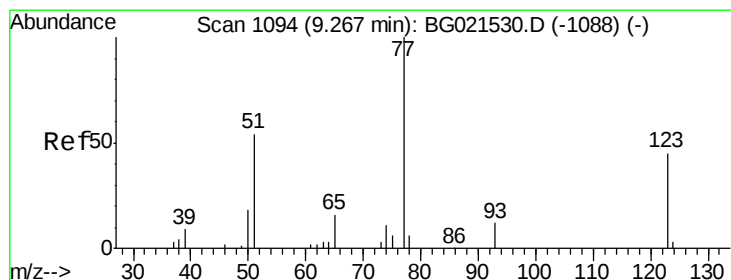
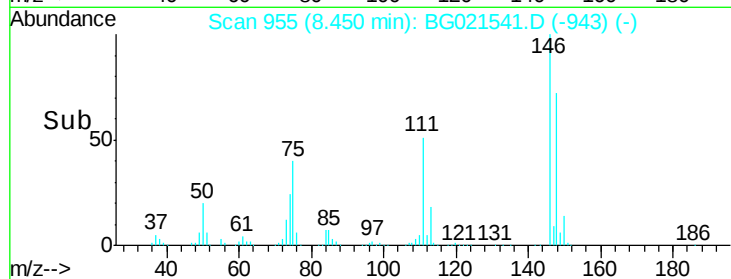
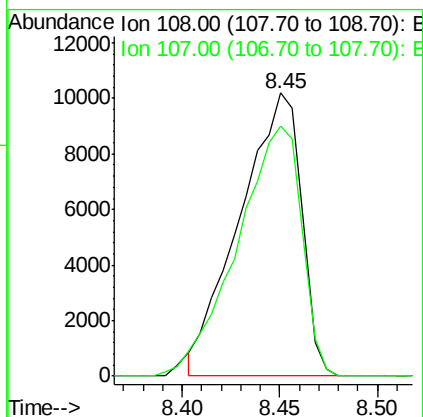
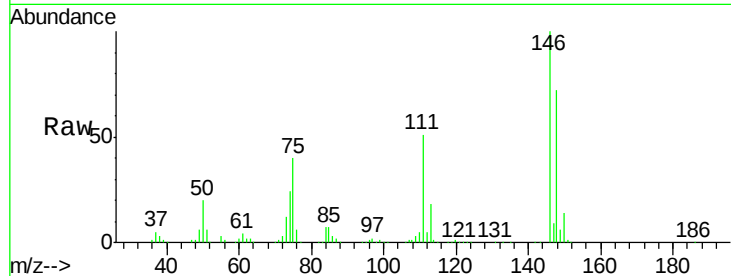




#11
2-Methylphenol
Concen: 47.81 ng/ul
RT: 8.45 min Scan# 955
Delta R.T. -0.13 min
Lab File: BG021541.D
Acq: 29 Mar 2016 00:53

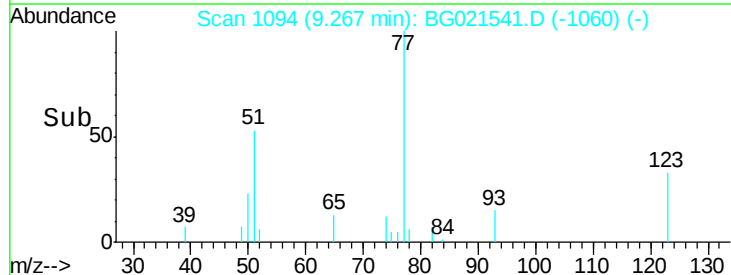
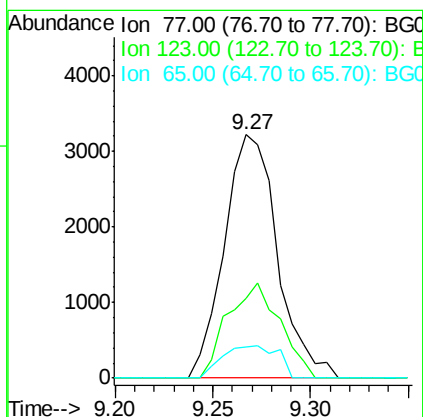
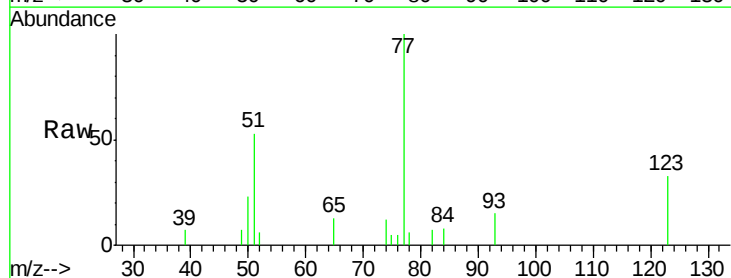
Instrument :
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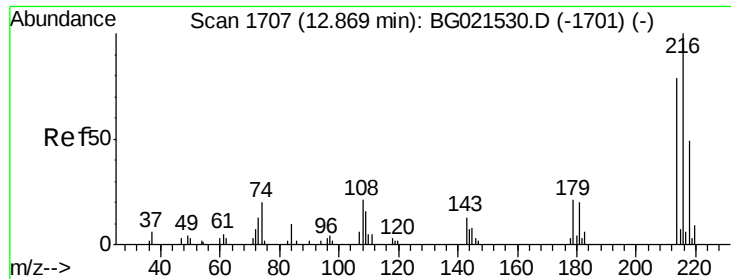
Tgt Ion: 108 Resp: 22328
Ion Ratio Lower Upper
108 100
107 88.5 73.4 110.0



#20
Nitrobenzene
Concen: 6.44 ng/ul
RT: 9.27 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BG021541.D
Acq: 29 Mar 2016 00:53

Tgt Ion: 77 Resp: 6064
Ion Ratio Lower Upper
77 100
123 32.7 28.4 42.6
65 12.9 11.0 16.6

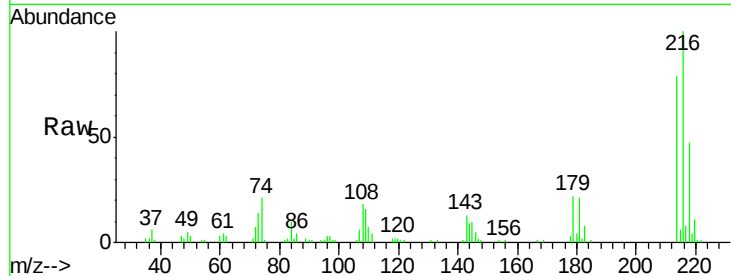




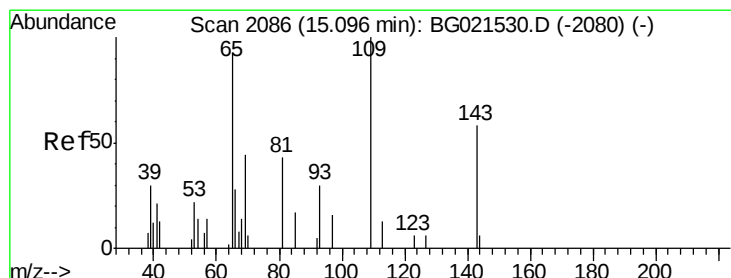
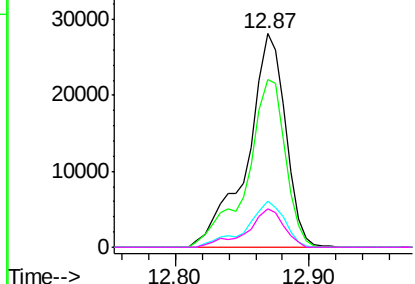
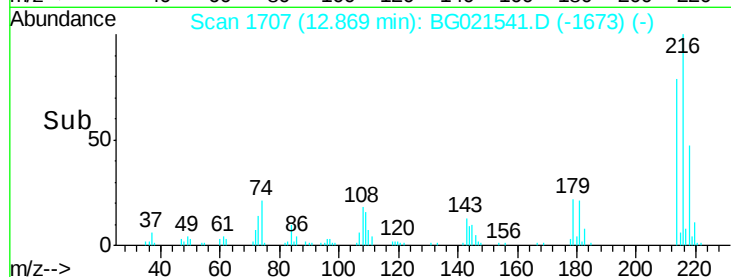
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.26 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG021541.D
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Instrument :
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 ClientSampleId :
 C0AD2

Tgt Ion:216 Resp: 55724
 Ion Ratio Lower Upper
 216 100
 214 78.8 57.8 86.8
 179 21.8 19.5 29.3
 108 18.1 15.8 23.8

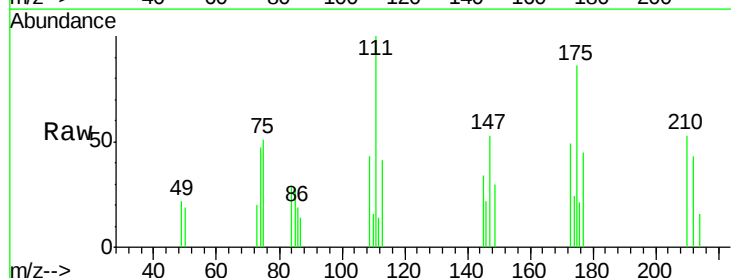


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

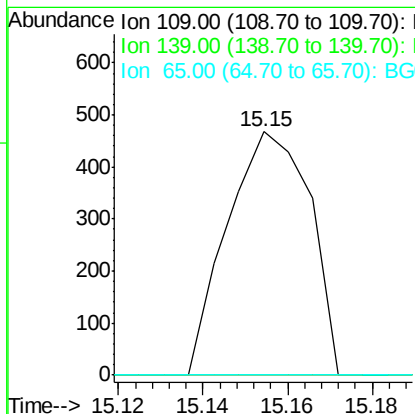
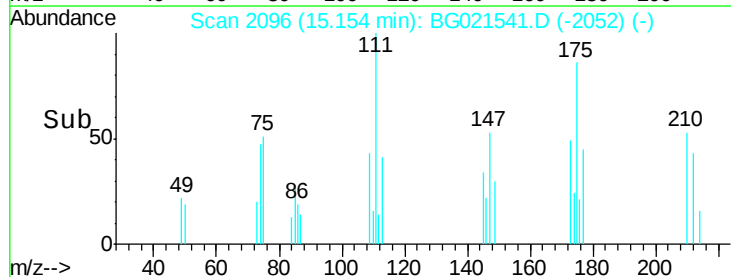


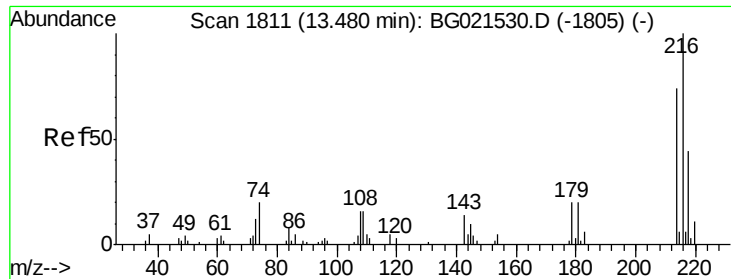
#53
 4-Nitrophenol
 Concen: 1.60 ng/ul
 RT: 15.15 min Scan# 2096
 Delta R.T. 0.06 min
 Lab File: BG021541.D
 Acq: 29 Mar 2016 00:53

Tgt Ion:109 Resp: 636
 Ion Ratio Lower Upper
 109 100
 139 0.0 75.9 113.9#
 65 0.0 99.8 149.8#



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): BG

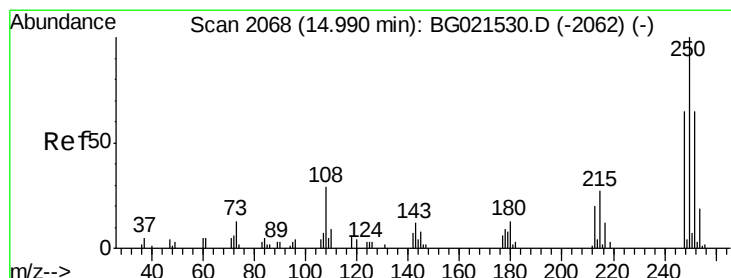
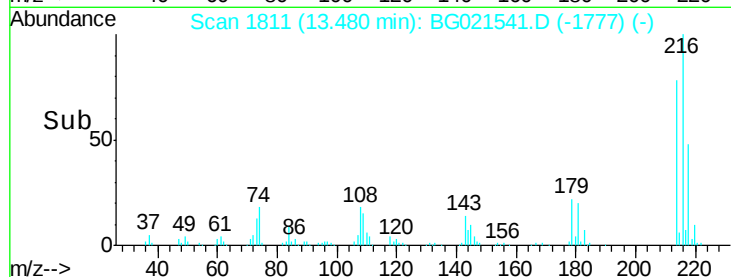
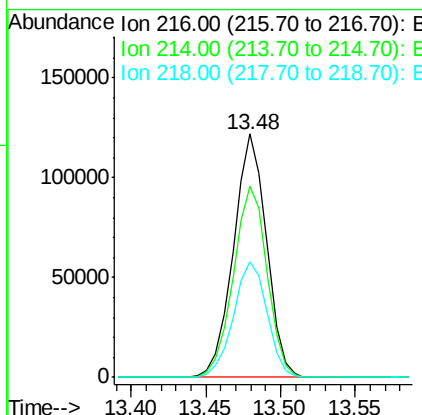
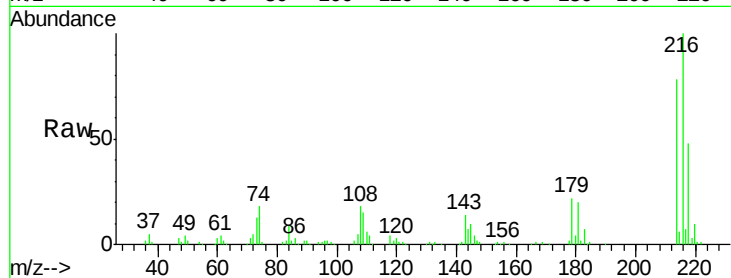




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 177.10 ng/uL
 RT: 13.48 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG021541.D
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Tgt Ion:216 Resp: 187472
 Ion Ratio Lower Upper
 216 100
 214 78.4 69.2 103.8
 218 47.5 41.4 62.0



#74
 Pentachlorobenzene
 Concen: 6.24 ng/uL
 RT: 14.98 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG021541.D
 Acq: 29 Mar 2016 00:53

Tgt Ion:250 Resp: 6861
 Ion Ratio Lower Upper
 250 100
 248 81.8 53.3 79.9#
 252 74.9 51.1 76.7

