

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021616\
 Data File : BG020913.D
 Acq On : 16 Feb 2016 18:11
 Operator : SJ/UM
 Sample : H1454-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 17 00:05:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 17 00:00:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	15629	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	83110	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	52645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	118727	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	109020	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	101984	20.00	ng/ul	0.00

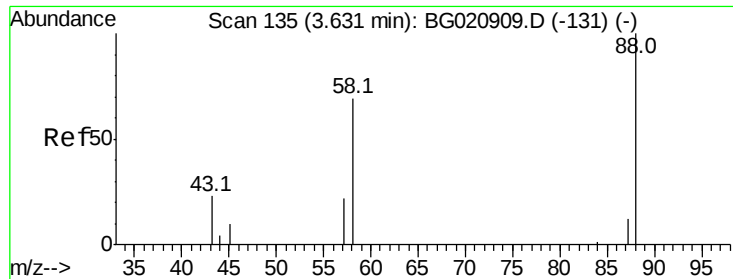
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	475	1.48	ng/uL	0.00
5) Phenol-d5	7.40	99	10639	6.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	29676	35.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	34736	28.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	22863	16.61	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	25312	37.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	27671	41.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	42186	33.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	4892	2.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	180425	39.83	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	213405	38.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6234	6.87	ng/ul	0.00
58) Fluorene-d10	15.86	176	153200	39.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	20361	35.39	ng/ul	0.00
71) Anthracene-d10	17.71	188	232843	39.69	ng/ul	0.00
79) Pyrene-d10	19.97	212	224903	40.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	226928	40.15	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.64	88	3870	9.93	ng/uL#	89
6) Phenol	7.43	94	11370	6.78	ng/ul	98
10) 2-Chlorophenol	7.82	128	34349	26.97	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.07	70	38357	36.43	ng/ul	98
33) 4-Chloro-3-methylphenol	12.34	107	45519	29.09	ng/ul	99
50) Acenaphthene	14.94	153	154695	36.48	ng/ul	97
53) 4-Nitrophenol	15.06	109	3372	6.52	ng/ul	95
55) 2,4-Dinitrotoluene	15.22	165	51360	39.94	ng/ul#	95
69) Pentachlorophenol	17.25	266	26842	32.47	ng/ul	95
80) Pyrene	20.00	202	297822	37.83	ng/ul	98

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



#2

1,4-Dioxane

Concen: 9.93 ng/uL

RT: 3.64 min Scan# 136

Delta R.T. 0.01 min

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ClientSampleId :

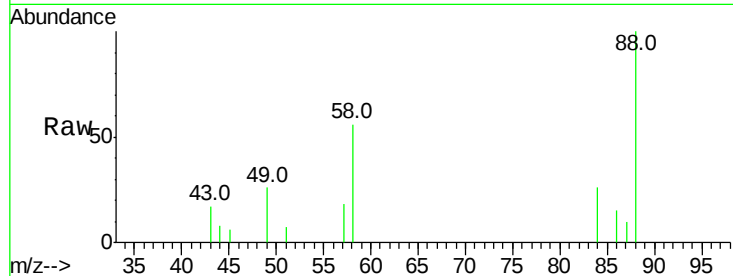
Tot Ion: 88 Resp: 3870

Ion Ratio Lower Upper

88 100

43 16.9 19.4 29.0#

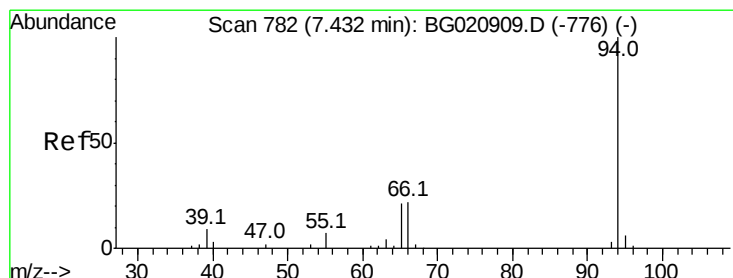
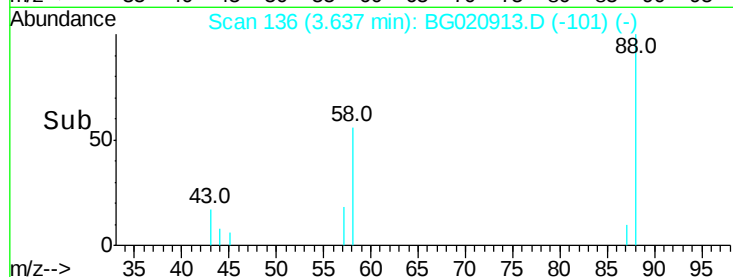
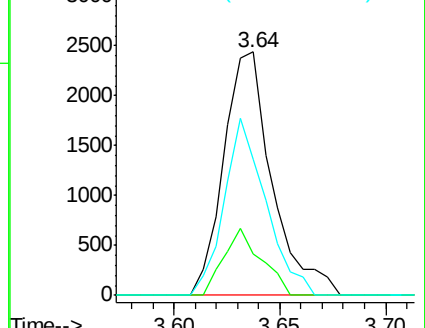
58 56.0 50.6 76.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#6

Phenol

Concen: 6.78 ng/uL

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG020913.D

Acq: 16 Feb 2016 18:11

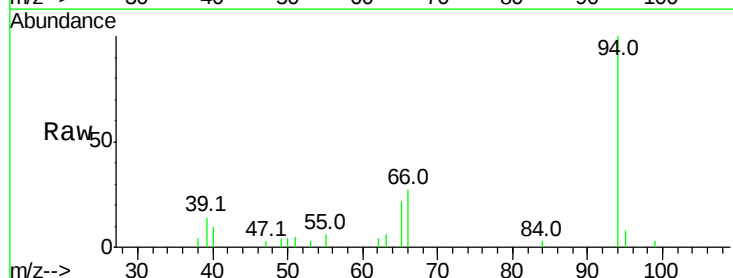
Tgt Ion: 94 Resp: 11370

Ion Ratio Lower Upper

94 100

65 22.4 17.5 26.3

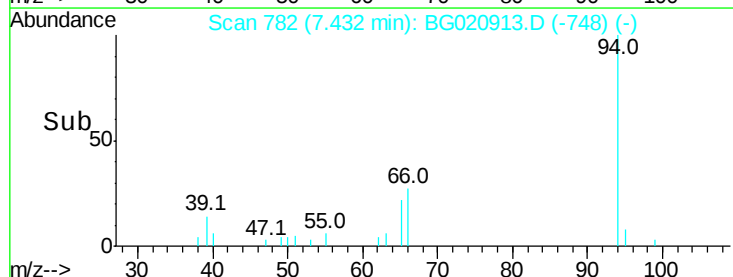
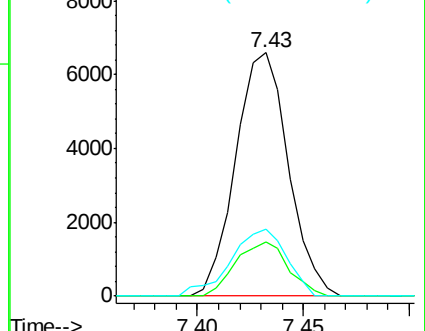
66 27.4 21.1 31.7

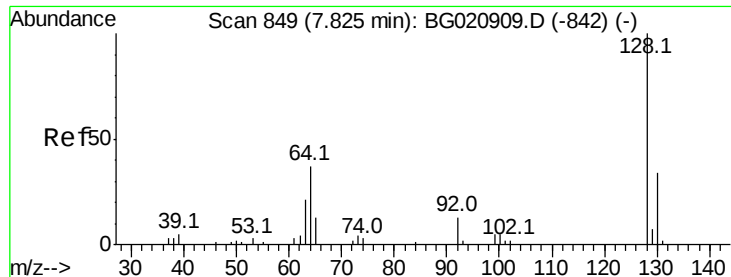


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

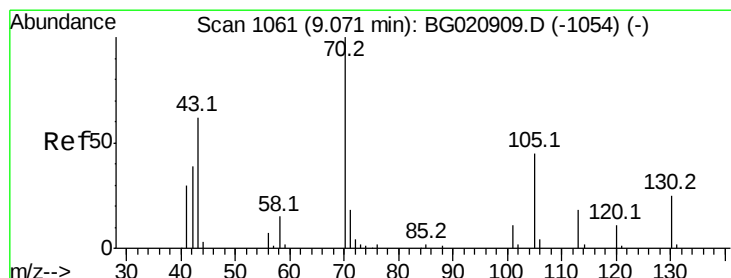
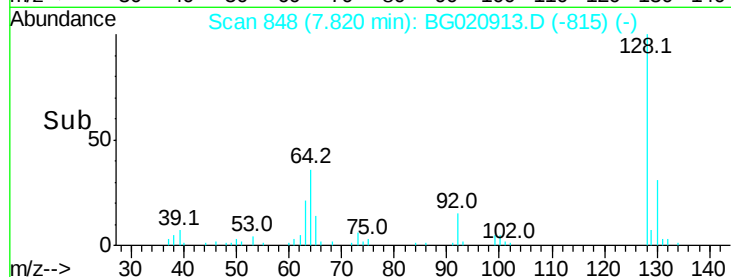
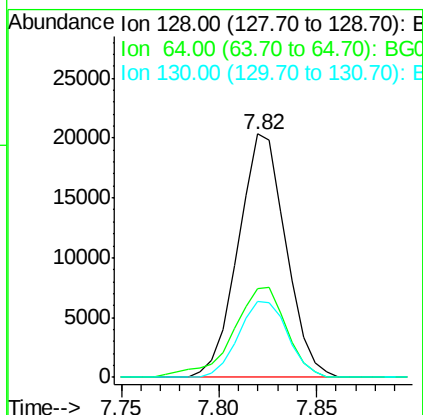
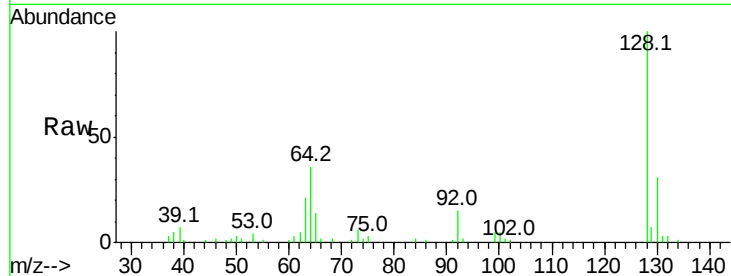




#10
2-Chlorophenol
Concen: 26.97 ng/ul
RT: 7.82 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG020913.D
Acq: 16 Feb 2016 18:11

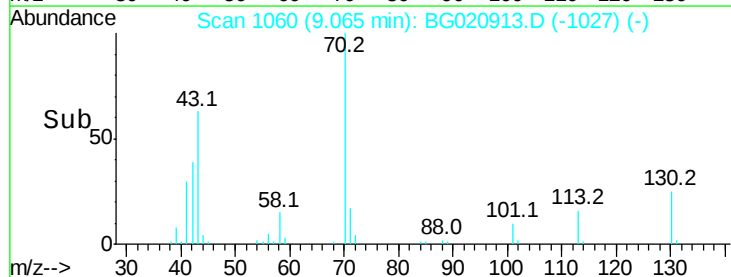
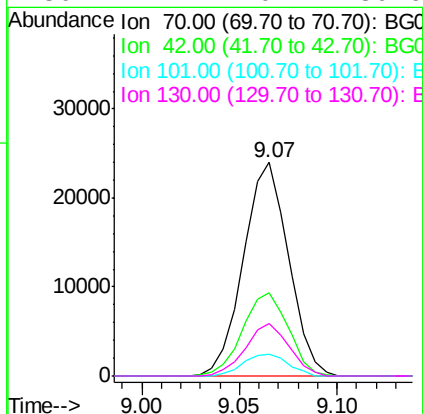
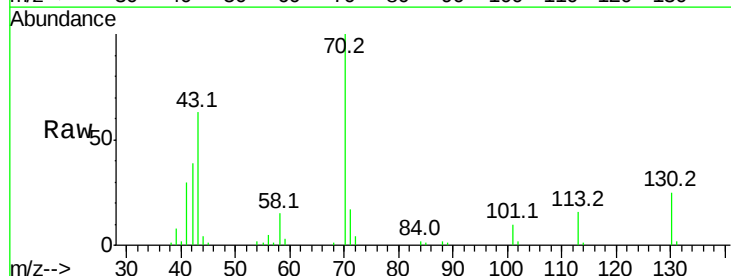
Instrument :
BNA_G
ClientSampled :

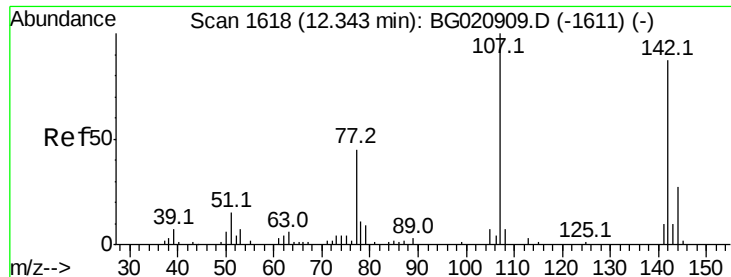
Tot Ion:128 Resp: 34349
Ion Ratio Lower Upper
128 100
64 36.4 30.8 46.2
130 31.2 25.8 38.8



#15
N-Nitroso-di-n-propylamine
Concen: 36.43 ng/ul
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020913.D
Acq: 16 Feb 2016 18:11

Tgt Ion: 70 Resp: 38357
Ion Ratio Lower Upper
70 100
42 38.9 29.4 44.2
101 10.3 8.2 12.2
130 24.7 20.4 30.6

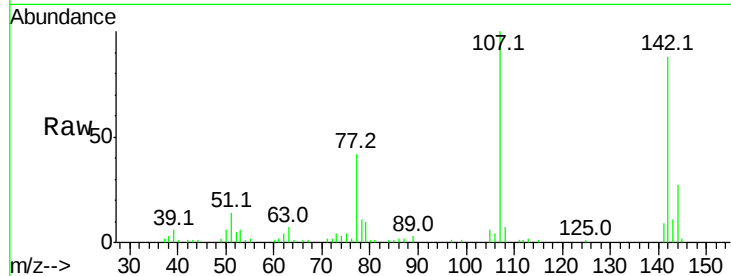




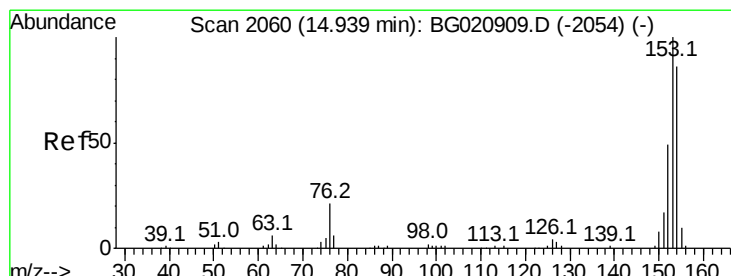
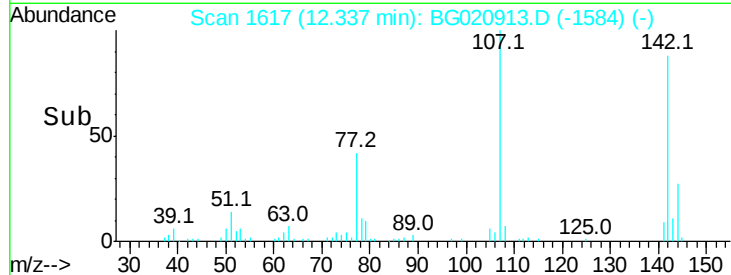
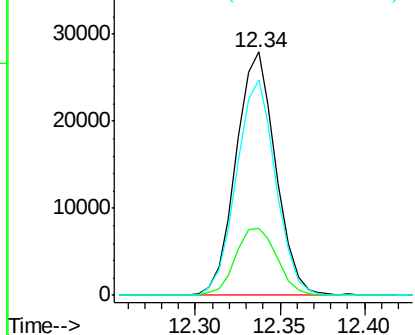
#33
4-Chloro-3-methylphenol
Concen: 29.09 ng/ul
RT: 12.34 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG020913.D
Acq: 16 Feb 2016 18:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 45519
Ion Ratio Lower Upper
107 100
144 27.3 22.3 33.5
142 88.4 71.4 107.2

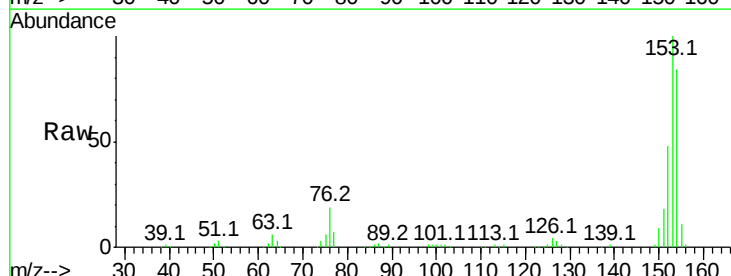


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

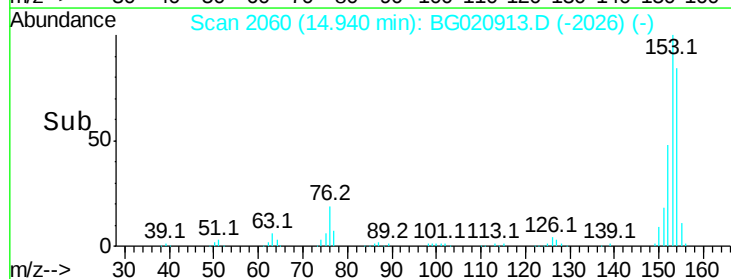
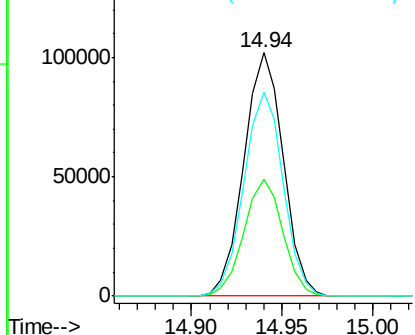


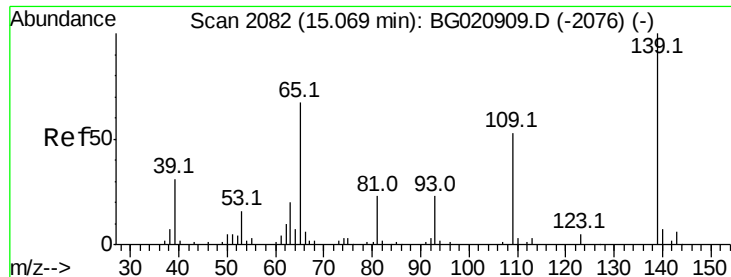
#50
Acenaphthene
Concen: 36.48 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG020913.D
Acq: 16 Feb 2016 18:11

Tgt Ion:153 Resp: 154695
Ion Ratio Lower Upper
153 100
152 48.2 40.6 61.0
154 84.0 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

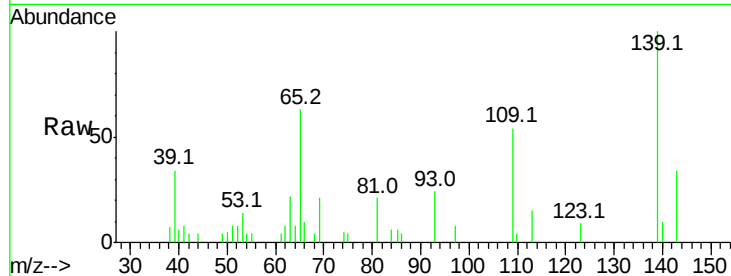




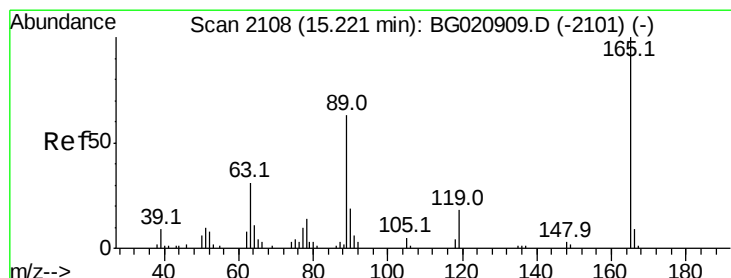
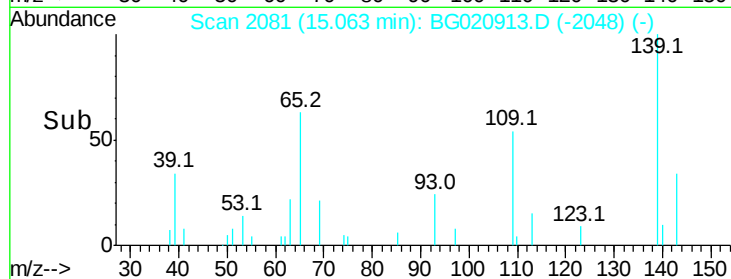
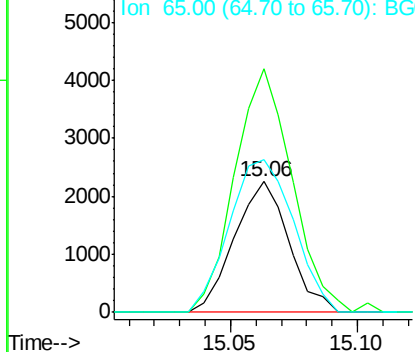
#53
4-Nitrophenol
Concen: 6.52 ng/ul
RT: 15.06 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG020913.D
Acq: 16 Feb 2016 18:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:109 Resp: 3372
Ion Ratio Lower Upper
109 100
139 186.0 150.5 225.7
65 116.8 103.9 155.9

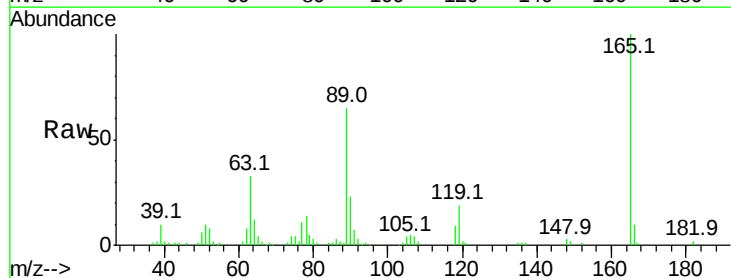


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): B

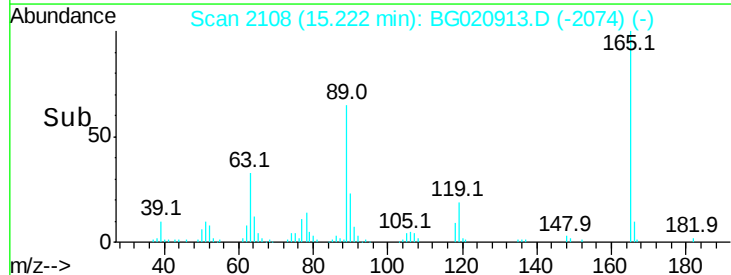
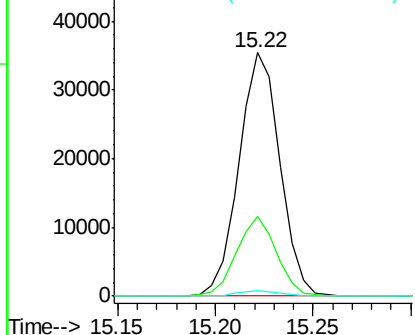


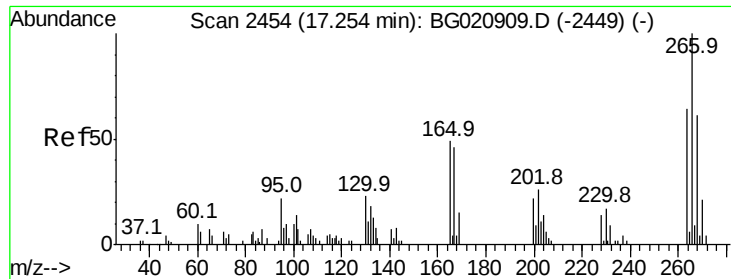
#55
2,4-Dinitrotoluene
Concen: 39.94 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG020913.D
Acq: 16 Feb 2016 18:11

Tgt Ion:165 Resp: 51360
Ion Ratio Lower Upper
165 100
63 32.6 28.5 42.7
182 2.3 2.5 3.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 182.00 (181.70 to 182.70): E

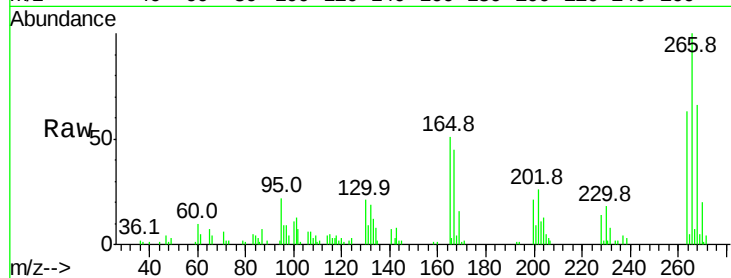




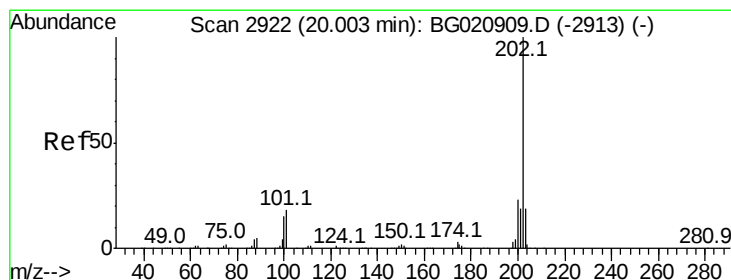
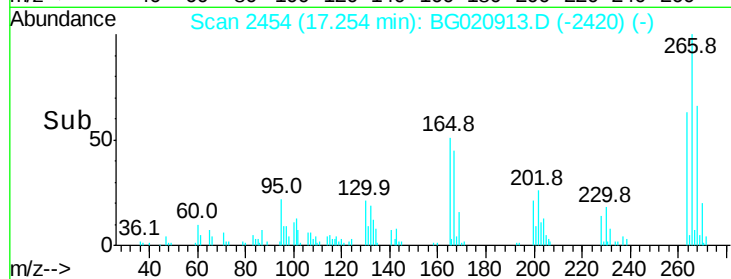
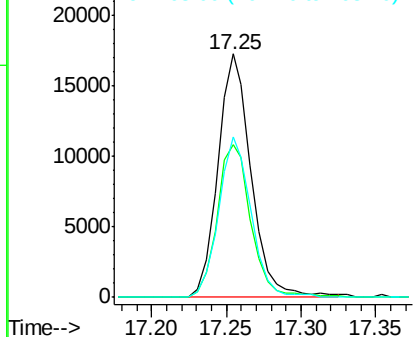
#69
 Pentachlorophenol
 Concen: 32.47 ng/ul
 RT: 17.25 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG020913.D
 Acq: 16 Feb 2016 18:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 26842
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.4 74.2
 268 65.6 47.1 70.7

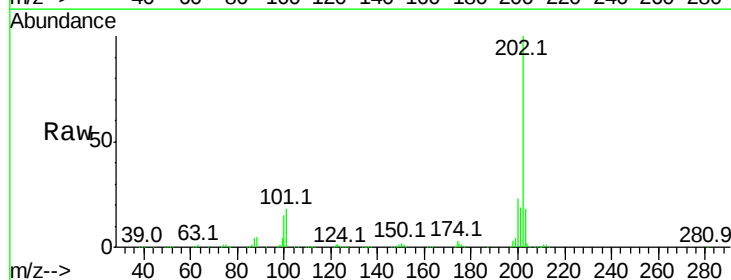


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 37.83 ng/ul
 RT: 20.00 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BG020913.D
 Acq: 16 Feb 2016 18:11

Tgt Ion:202 Resp: 297822
 Ion Ratio Lower Upper
 202 100
 101 18.1 13.5 20.3
 100 15.2 11.7 17.5



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

