

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021616\
 Data File : BG020914.D
 Acq On : 16 Feb 2016 18:50
 Operator : SJ/UM
 Sample : H1454-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9QT6MSD

Quant Time: Feb 17 00:05:26 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	8.26	152	16100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	85754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	54758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	124415	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	113236	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	105820	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	358	1.08	ng/uL	0.00
5) Phenol-d5	7.41	99	11079	6.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	29790	34.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	35952	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	23633	16.67	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	25930	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	27622	40.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	42742	32.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	4364	2.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	179851	38.17	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	217547	37.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6635	7.03	ng/ul	0.00
58) Fluorene-d10	15.86	176	152004	37.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	20556	34.09	ng/ul	0.00
71) Anthracene-d10	17.71	188	232273	37.78	ng/ul	0.00
79) Pyrene-d10	19.98	212	224660	38.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	222223	37.90	ng/ul	0.00

Target Compounds

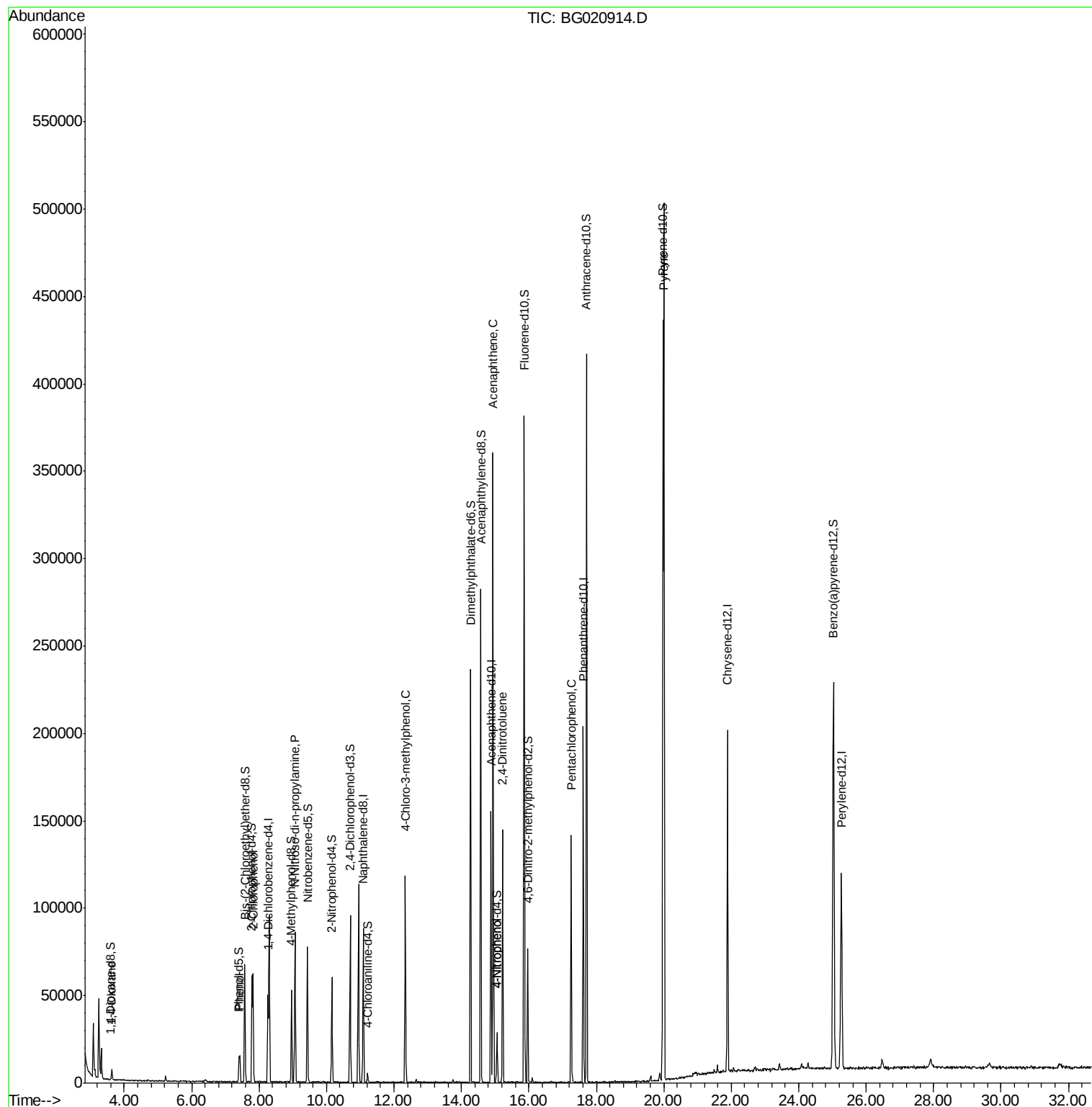
						Qvalue
2) 1,4-Dioxane	3.63	88	3957	9.86	ng/uL	92
6) Phenol	7.43	94	11382	6.59	ng/ul	95
10) 2-Chlorophenol	7.82	128	34939	26.63	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.06	70	38396	35.40	ng/ul	97
33) 4-Chloro-3-methylphenol	12.34	107	46160	28.59	ng/ul	98
50) Acenaphthene	14.94	153	155363	35.22	ng/ul	97
53) 4-Nitrophenol	15.06	109	3438	6.40	ng/ul	94
55) 2,4-Dinitrotoluene	15.22	165	50030	37.41	ng/ul	95
69) Pentachlorophenol	17.26	266	27170	31.37	ng/ul	92
80) Pyrene	20.01	202	292278	35.74	ng/ul	100

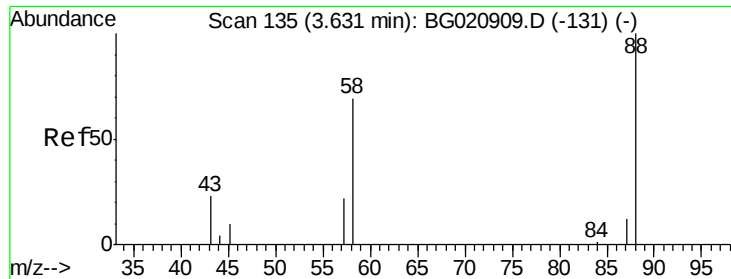
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021616\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 00:00:25 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 9.86 ng/uL

RT: 3.63 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG020914.D

Acq: 16 Feb 2016 18:50

Instrument :

BNA_G

ClientSampleId :

D9QT6MSD

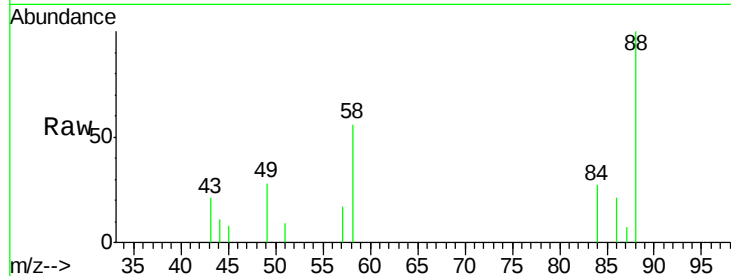
Tgt Ion: 88 Resp: 3957

Ion Ratio Lower Upper

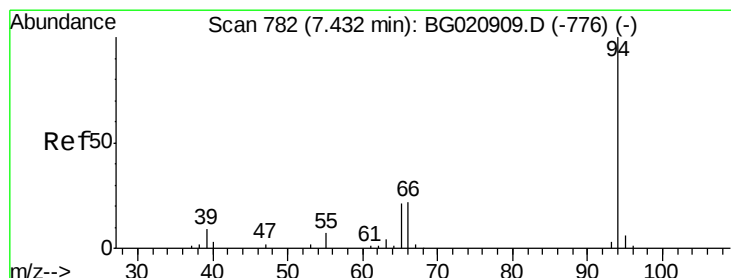
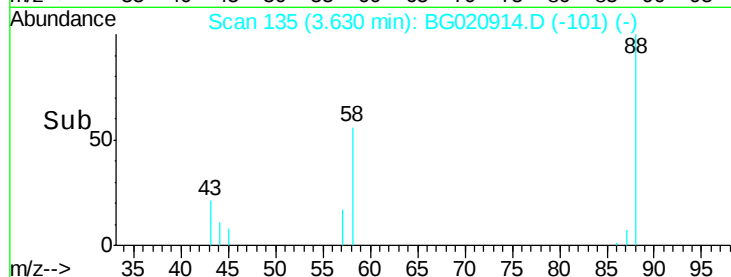
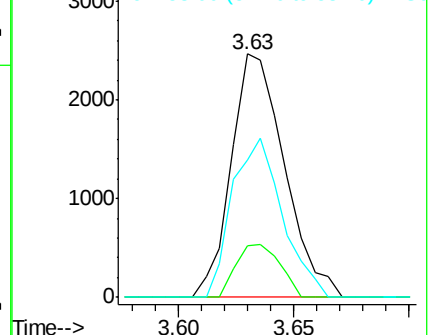
88 100

43 21.2 19.4 29.0

58 56.4 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: 6.59 ng/uL

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG020914.D

Acq: 16 Feb 2016 18:50

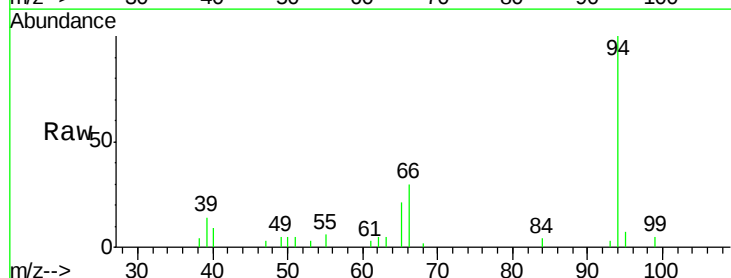
Tgt Ion: 94 Resp: 11382

Ion Ratio Lower Upper

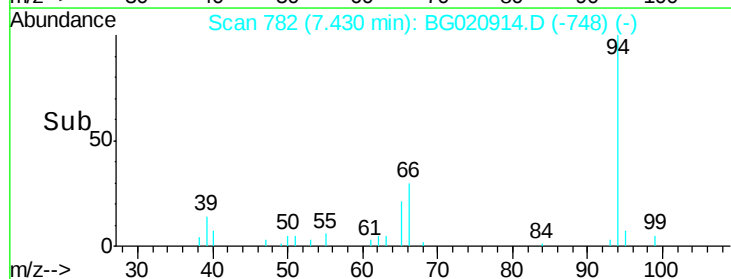
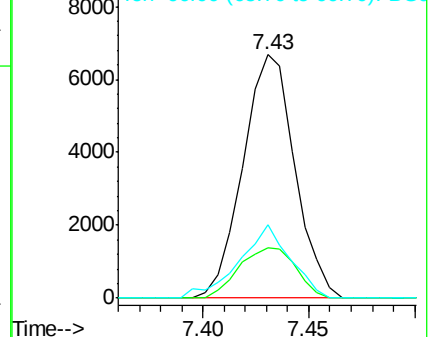
94 100

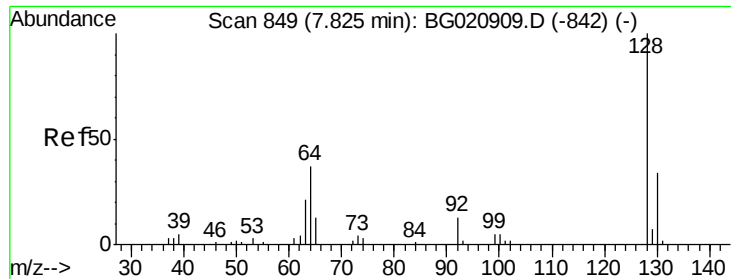
65 20.6 17.5 26.3

66 30.4 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

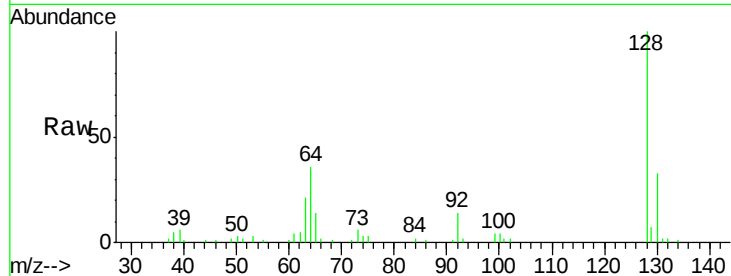




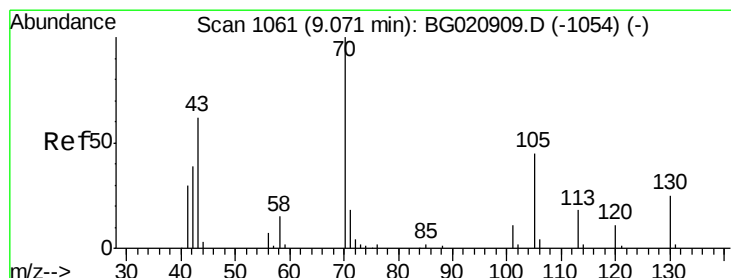
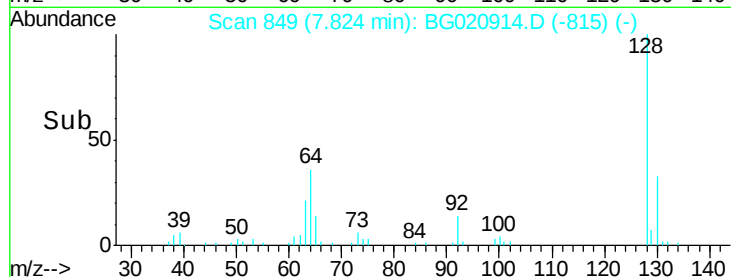
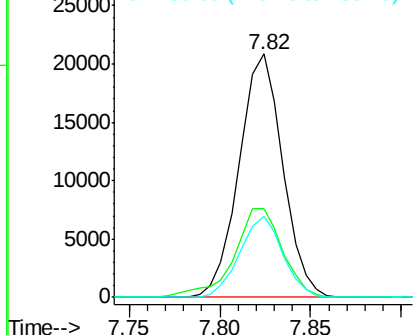
#10
2-Chlorophenol
Concen: 26.63 ng/ul
RT: 7.82 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampled :
D9QT6MSD

Tgt Ion:128 Resp: 34939
Ion Ratio Lower Upper
128 100
64 36.4 30.8 46.2
130 33.3 25.8 38.8

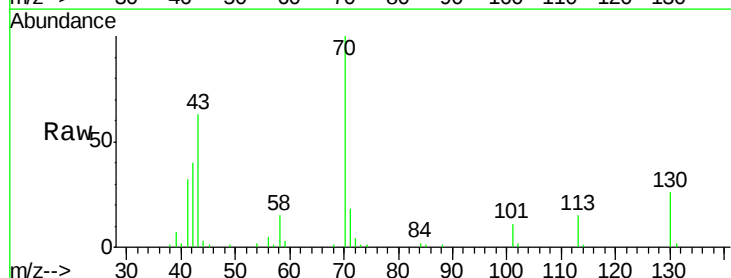


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

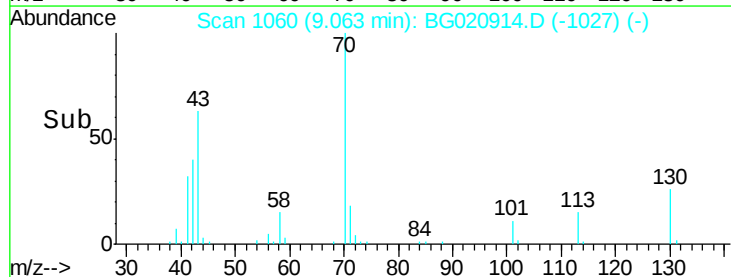
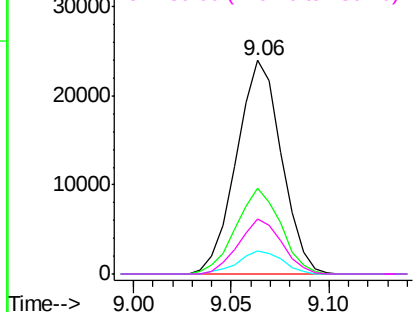


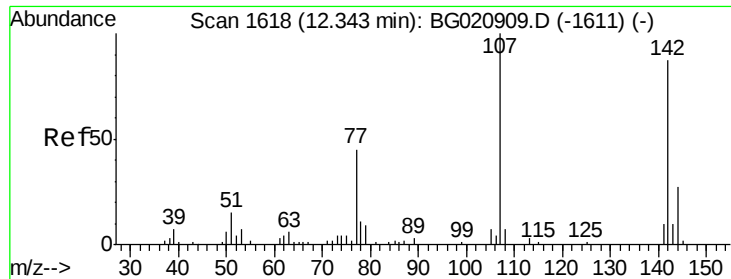
#15
N-Nitroso-di-n-propylamine
Concen: 35.40 ng/ul
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion: 70 Resp: 38396
Ion Ratio Lower Upper
70 100
42 40.0 29.4 44.2
101 10.8 8.2 12.2
130 25.8 20.4 30.6



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

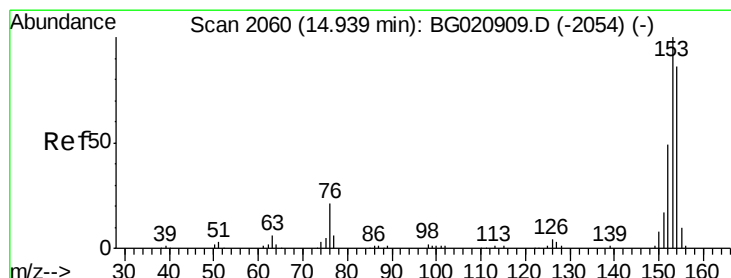
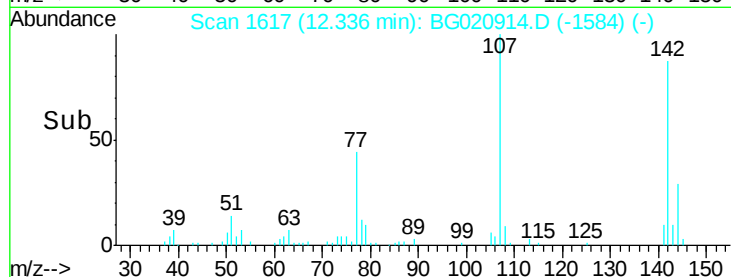
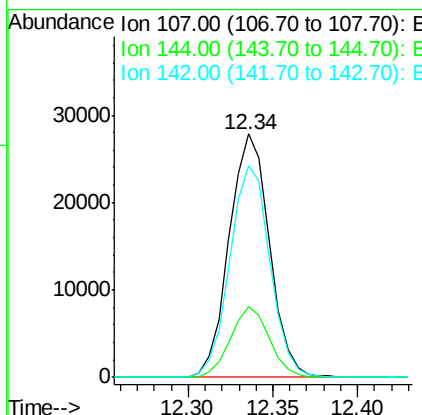
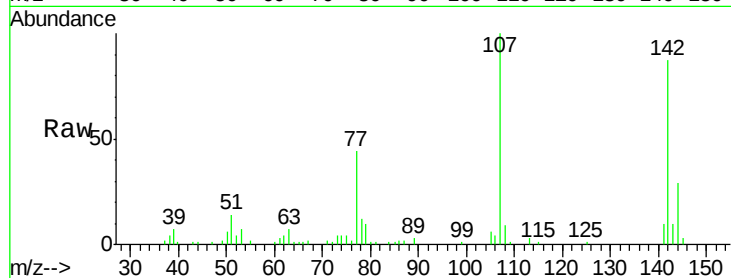




#33
 4-Chloro-3-methylphenol
 Concen: 28.59 ng/ul
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG020914.D
 Acq: 16 Feb 2016 18:50

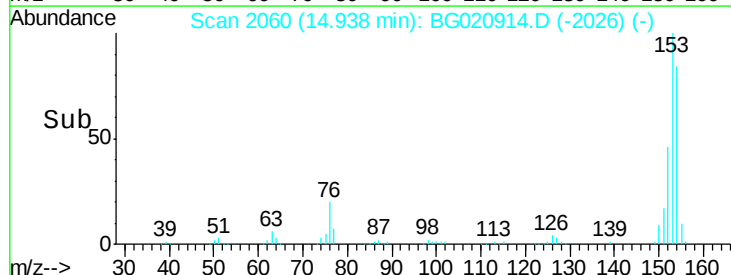
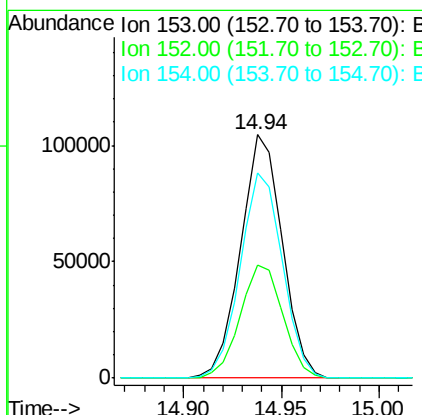
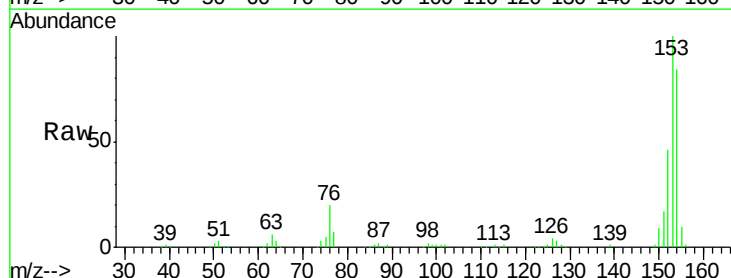
Instrument :
 BNA_G
 ClientSampleId :
 D9QT6MSD

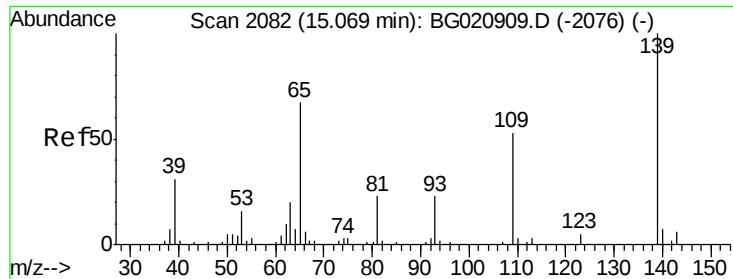
Tgt Ion:107 Resp: 46160
 Ion Ratio Lower Upper
 107 100
 144 29.1 22.3 33.5
 142 87.1 71.4 107.2



#50
 Acenaphthene
 Concen: 35.22 ng/ul
 RT: 14.94 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BG020914.D
 Acq: 16 Feb 2016 18:50

Tgt Ion:153 Resp: 155363
 Ion Ratio Lower Upper
 153 100
 152 46.4 40.6 61.0
 154 84.3 68.7 103.1

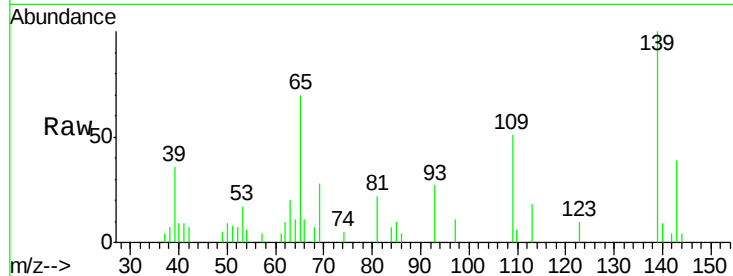




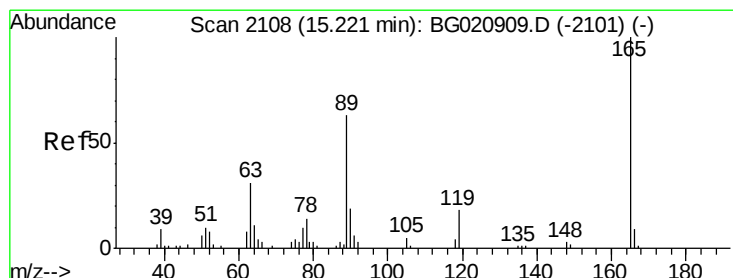
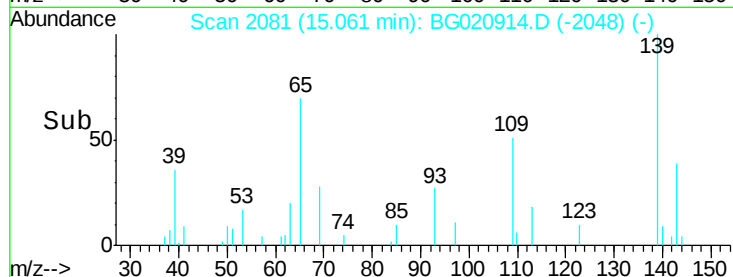
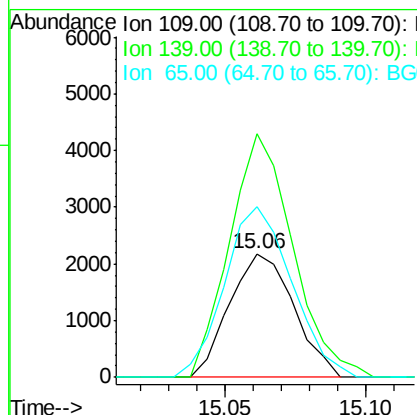
#53
4-Nitrophenol
Concen: 6.40 ng/ul
RT: 15.06 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampleId :
D9QT6MSD

Tgt Ion:109 Resp: 3438
Ion Ratio Lower Upper
109 100
139 196.6 150.5 225.7
65 137.9 103.9 155.9

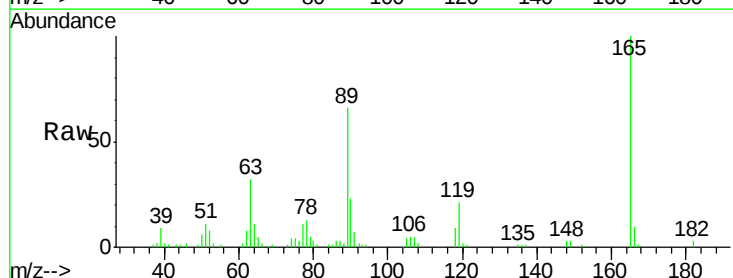


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

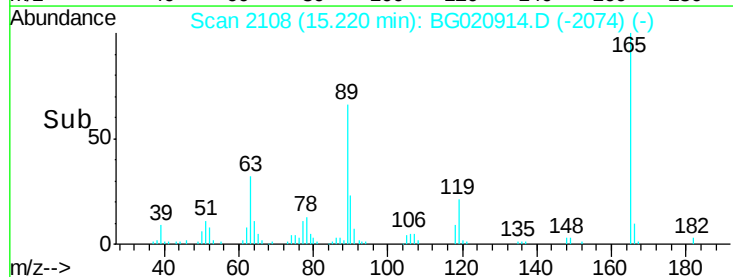
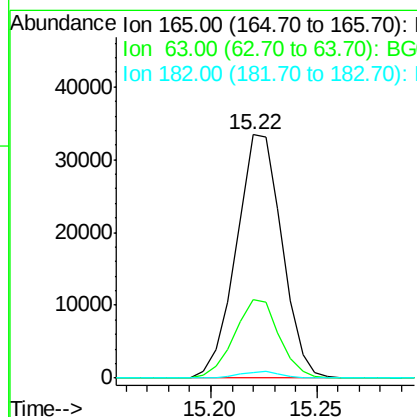


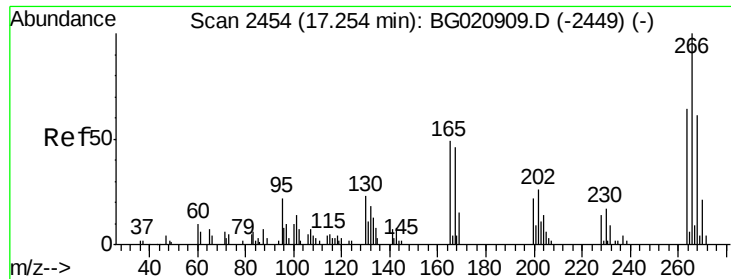
#55
2,4-Dinitrotoluene
Concen: 37.41 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion:165 Resp: 50030
Ion Ratio Lower Upper
165 100
63 32.4 28.5 42.7
182 2.5 2.5 3.7



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





#69

Pentachlorophenol

Concen: 31.37 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG020914.D

Acq: 16 Feb 2016 18:50

Instrument :

BNA_G

ClientSampleId :

D9QT6MSD

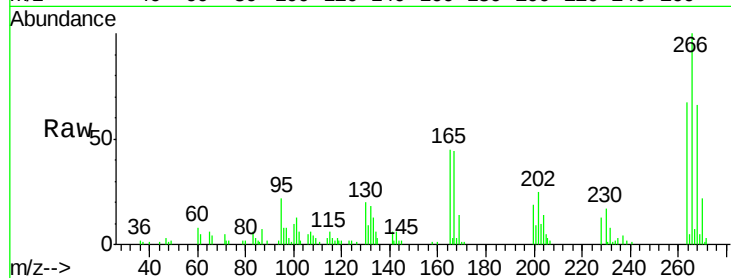
Tgt Ion:266 Resp: 27170

Ion Ratio Lower Upper

266 100

264 67.0 49.4 74.2

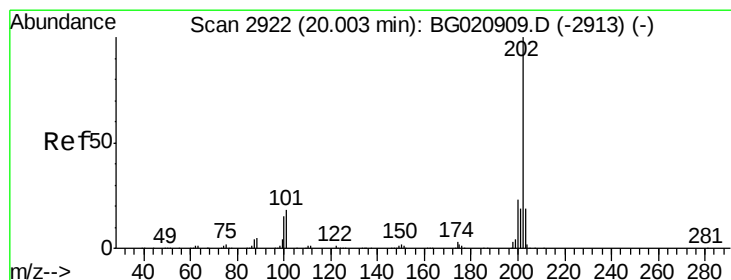
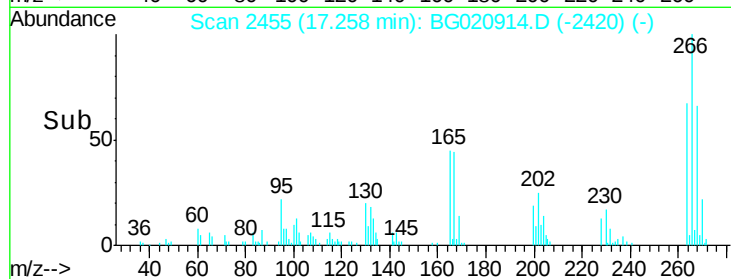
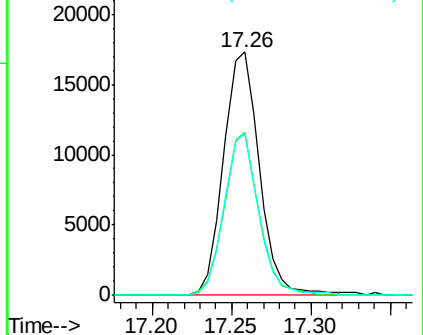
268 66.5 47.1 70.7



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: 35.74 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BG020914.D

Acq: 16 Feb 2016 18:50

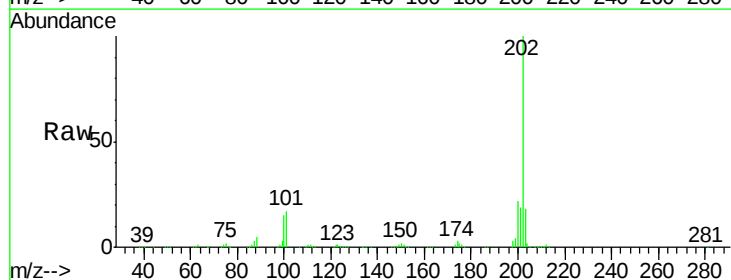
Tgt Ion:202 Resp: 292278

Ion Ratio Lower Upper

202 100

101 16.8 13.5 20.3

100 14.6 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

