

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023815.D
 Acq On : 20 Aug 2016 13:26
 Operator : UM/SJ
 Sample : H4496-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPT9MS

Quant Time: Aug 22 03:43:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 03:42:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	114129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	480349	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	304433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	694462	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	761984	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	731918	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	12110	4.82	ng/uL	0.00
5) Phenol-d5	7.25	99	300026	28.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	204045	27.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	213146	28.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	223007	26.65	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	109995	28.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	129983	29.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	221503	27.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	1086	0.11	ng/ul	0.10
43) Dimethylphthalate-d6	14.17	166	718951	28.49	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	831194	29.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	100715	24.69	ng/ul	0.00
57) Fluorene-d10	15.76	176	632940	28.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	103051	23.41	ng/ul	0.00
70) Anthracene-d10	17.63	188	941579	29.41	ng/ul	0.00
76) Pyrene-d10	19.92	212	1082795	29.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	986527	29.44	ng/ul	0.02

Target Compounds

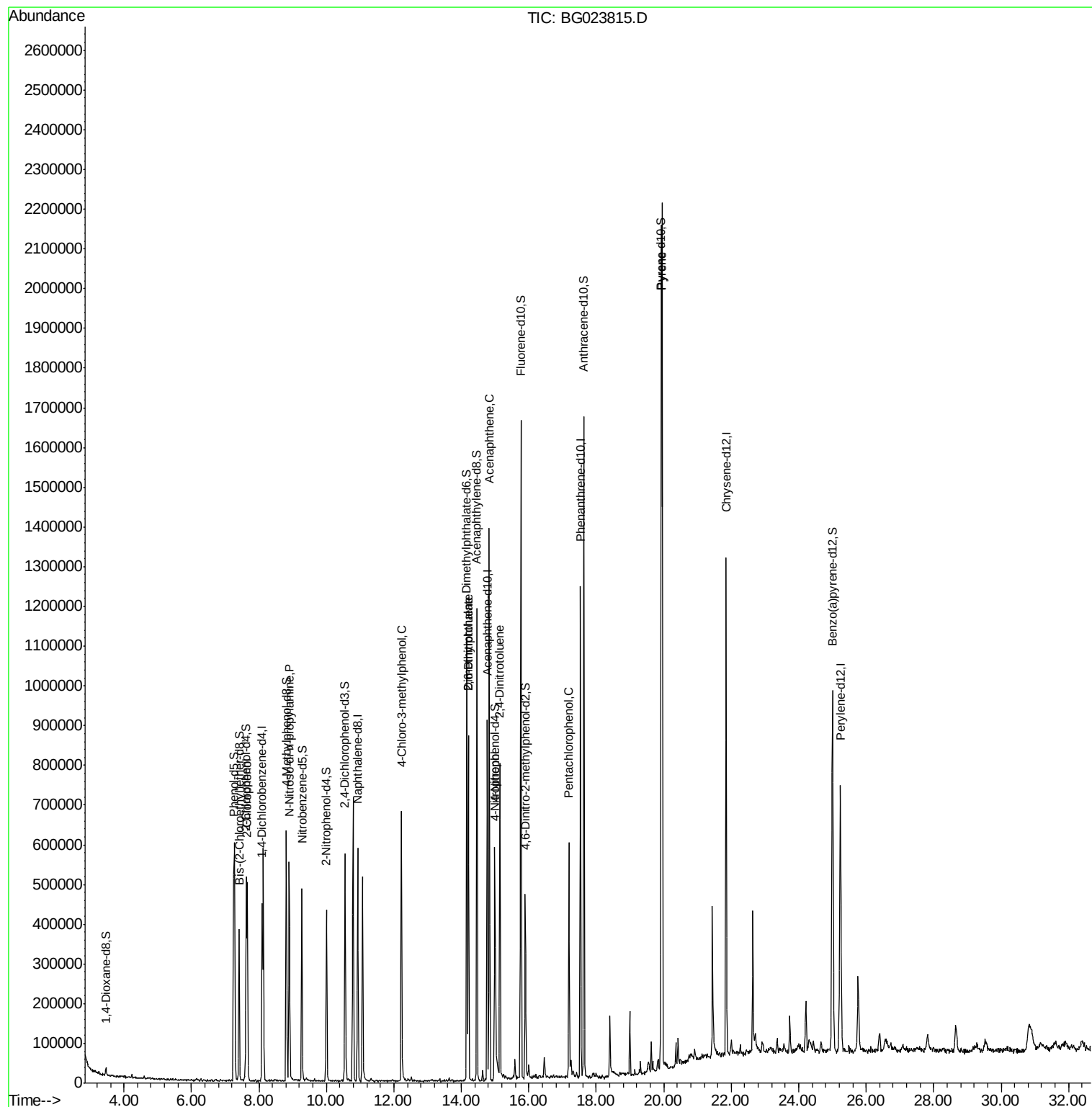
						Qvalue
10) 2-Chlorophenol	7.65	128	200239	25.85	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.90	70	235771	27.98	ng/ul#	84
33) 4-Chloro-3-methylphenol	12.22	107	263349	26.68	ng/ul#	81
44) Dimethylphthalate	14.21	163	539717	21.39	ng/ul	98
45) 2,6-Dinitrotoluene	14.21	165	6124	1.14	ng/ul#	62
49) Acenaphthene	14.83	153	563599	28.26	ng/ul	96
52) 4-Nitrophenol	15.01	109	103356	25.23	ng/ul#	69
54) 2,4-Dinitrotoluene	15.14	165	212770	27.03	ng/ul#	73
68) Pentachlorophenol	17.19	266	108749	29.12	ng/ul	97
77) Pyrene	19.95	202	1266768	28.13	ng/ul#	91

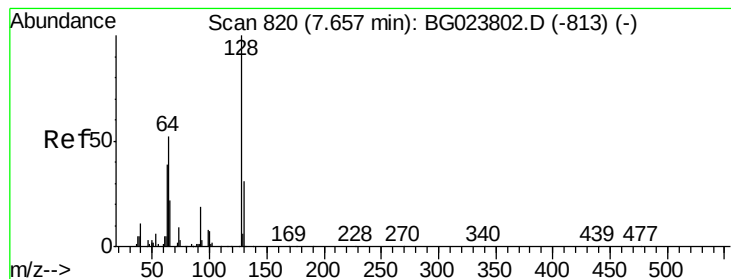
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 25.85 ng/ul

RT: 7.65 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

Instrument :

BNA_G

ClientSampleId :

JHPT9MS

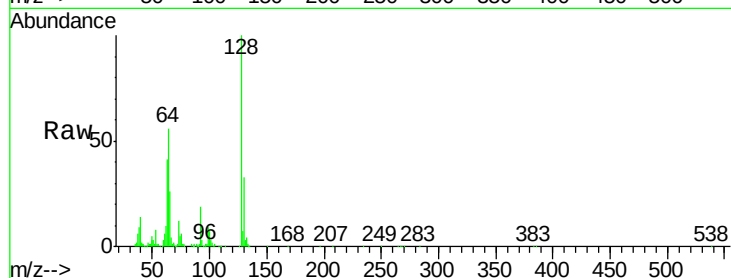
Tgt Ion:128 Resp: 200239

Ion Ratio Lower Upper

128 100

64 56.4 34.2 51.4#

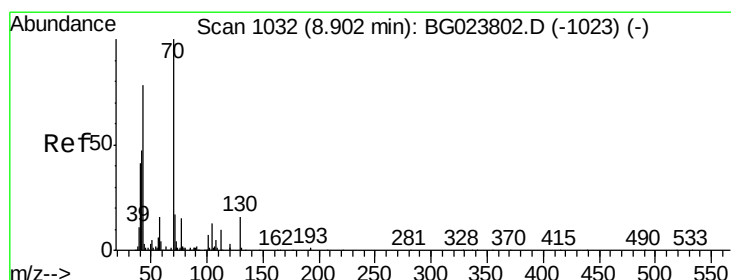
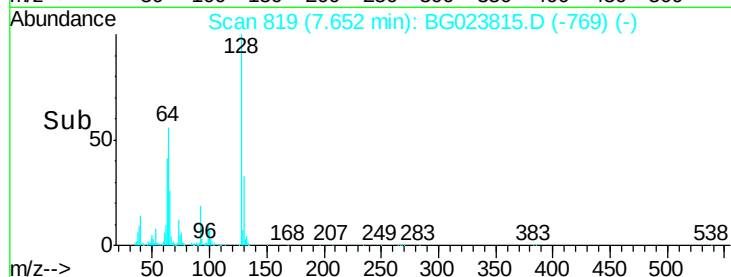
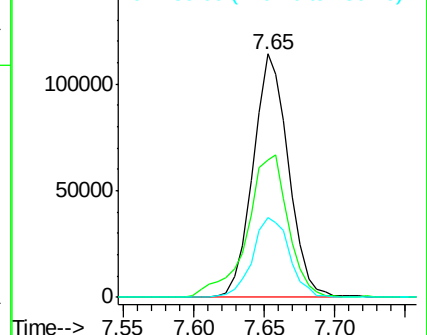
130 32.8 27.0 40.4



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



#15

N-Nitroso-di-n-propylamine

Concen: 27.98 ng/ul

RT: 8.90 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

Tgt Ion: 70 Resp: 235771

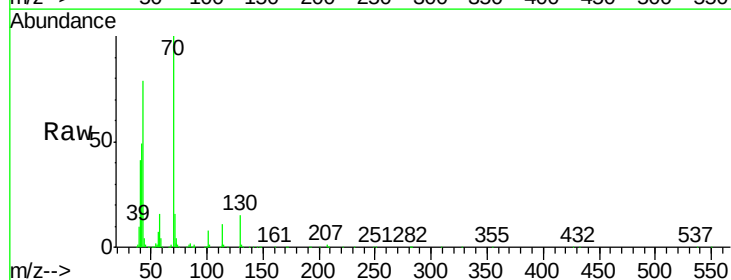
Ion Ratio Lower Upper

70 100

42 49.5 31.4 47.2#

101 8.1 8.6 13.0#

130 15.0 19.0 28.4#

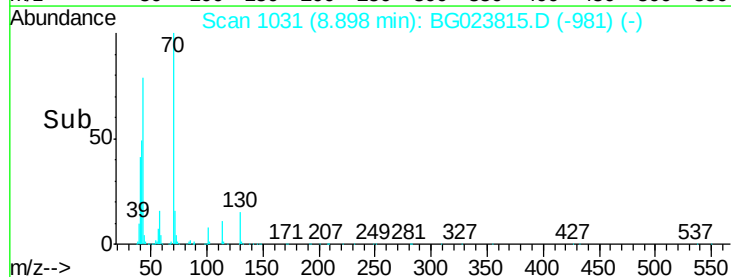
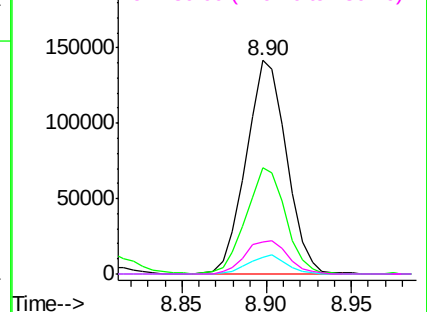


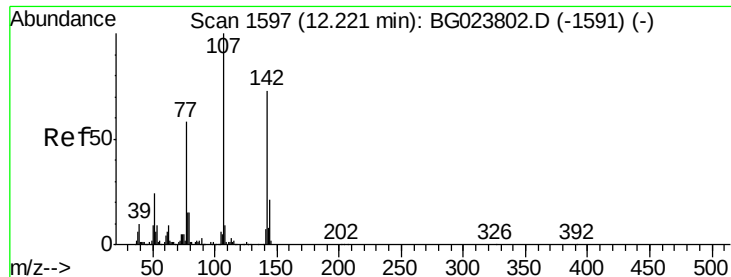
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

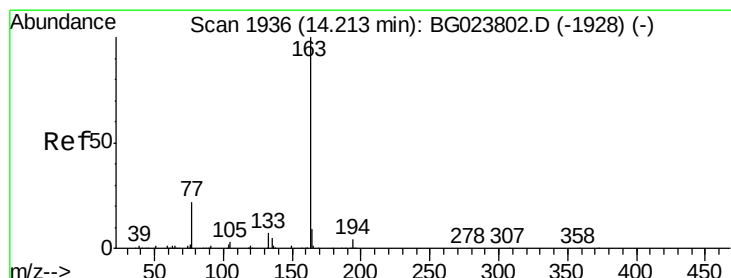
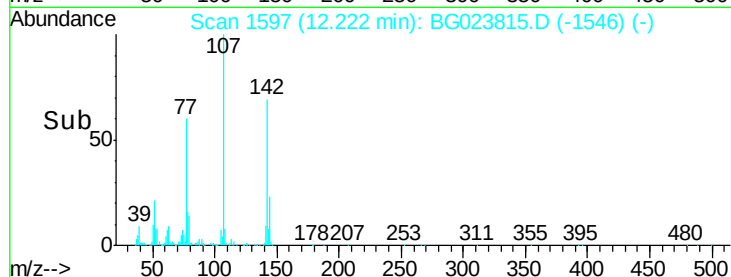
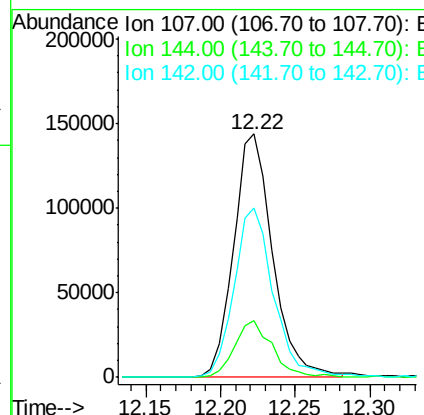
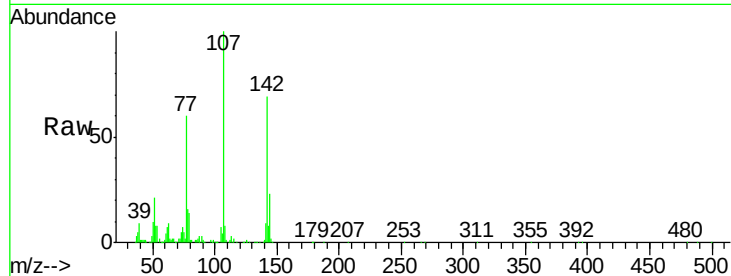




#33
 4-Chloro-3-methylphenol
 Concen: 26.68 ng/ul
 RT: 12.22 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG023815.D
 Acq: 20 Aug 2016 13:26

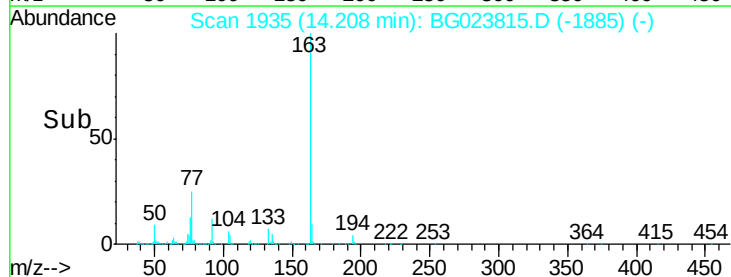
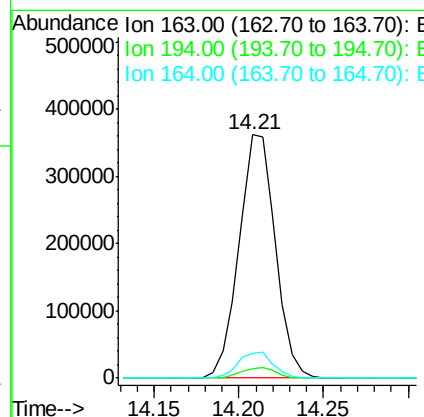
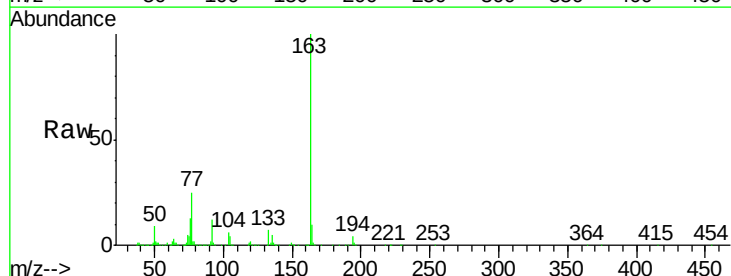
Instrument :
 BNA_G
 ClientSampleId :
 JHPT9MS

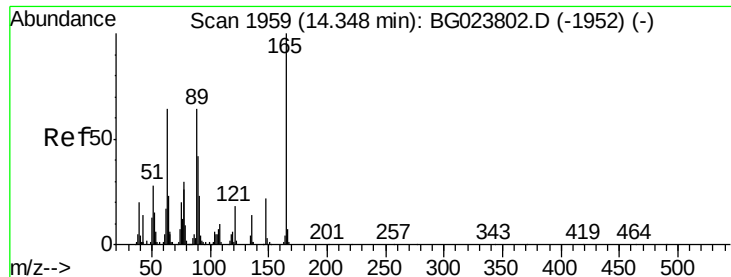
Tgt Ion:107 Resp: 263349
 Ion Ratio Lower Upper
 107 100
 144 23.3 22.7 34.1
 142 69.5 71.6 107.4#



#44
 Dimethylphthalate
 Concen: 21.39 ng/ul
 RT: 14.21 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BG023815.D
 Acq: 20 Aug 2016 13:26

Tgt Ion:163 Resp: 539717
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.2
 164 9.9 8.8 13.2





#45

2,6-Dinitrotoluene

Concen: 1.14 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.13 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

Instrument :

BNA_G

ClientSampled :

JHPT9MS

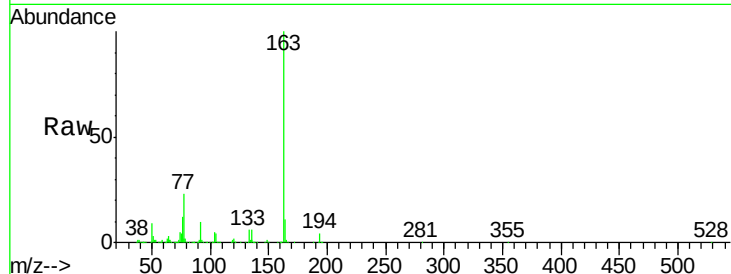
Tgt Ion:165 Resp: 6124

Ion Ratio Lower Upper

165 100

89 24.7 41.5 62.3#

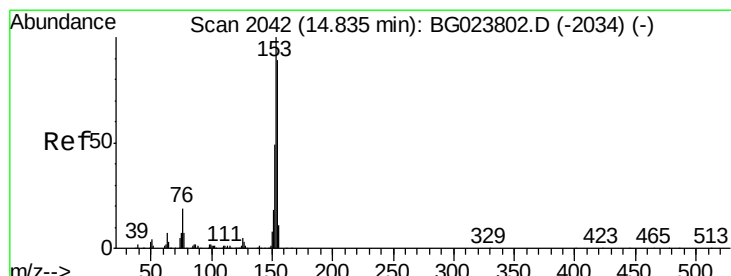
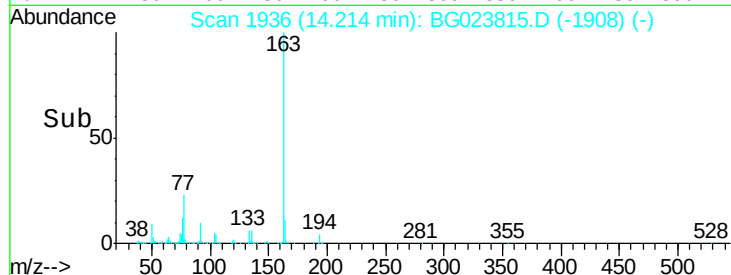
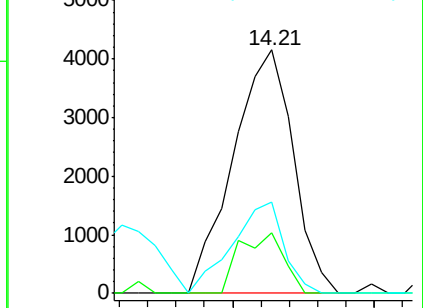
121 37.6 17.0 25.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E



#49

Acenaphthene

Concen: 28.26 ng/ul

RT: 14.83 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

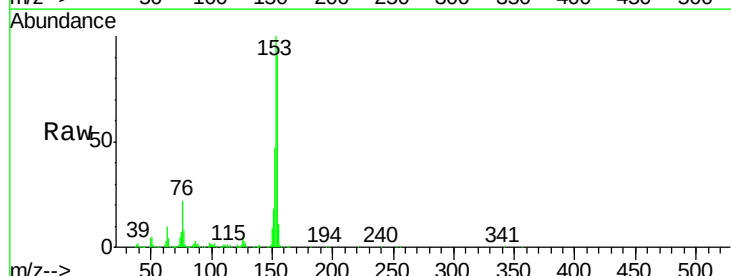
Tgt Ion:153 Resp: 563599

Ion Ratio Lower Upper

153 100

152 46.8 37.3 55.9

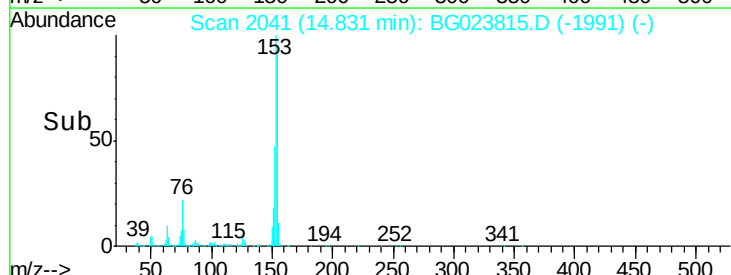
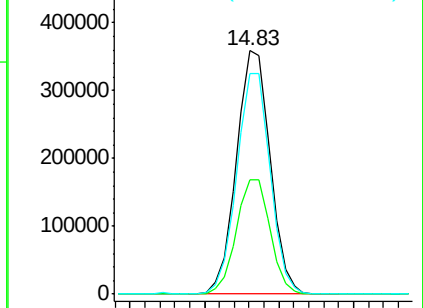
154 90.6 68.2 102.2

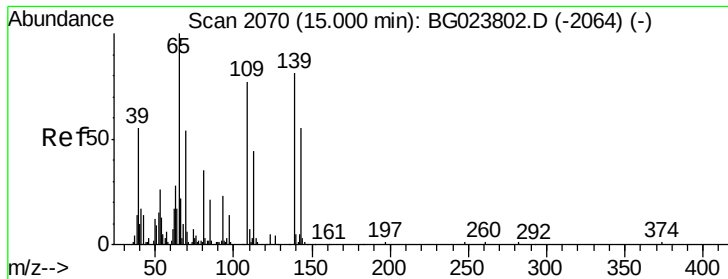


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 25.23 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

Instrument :

BNA_G

ClientSampleId :

JHPT9MS

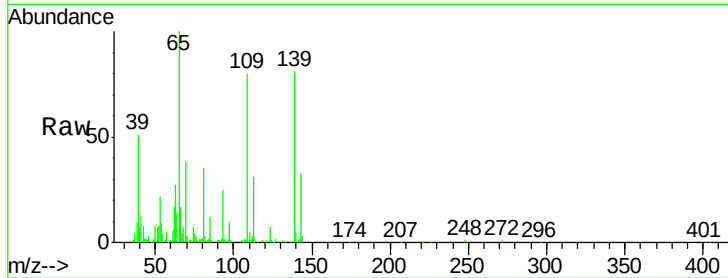
Tgt Ion:109 Resp: 103356

Ion Ratio Lower Upper

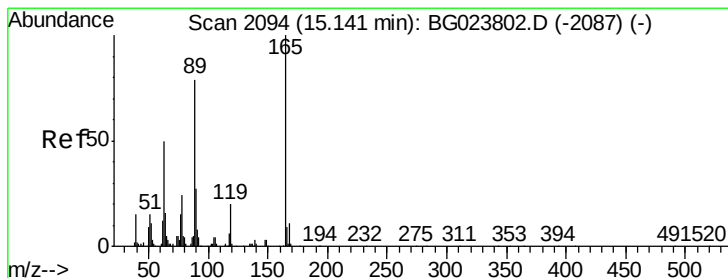
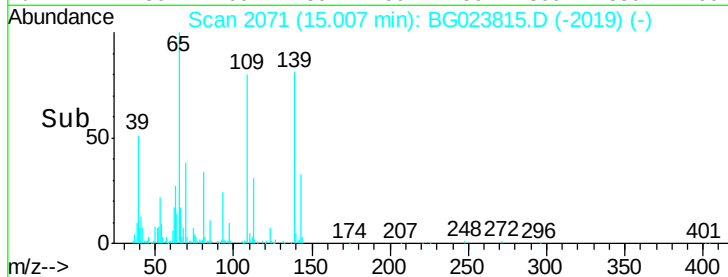
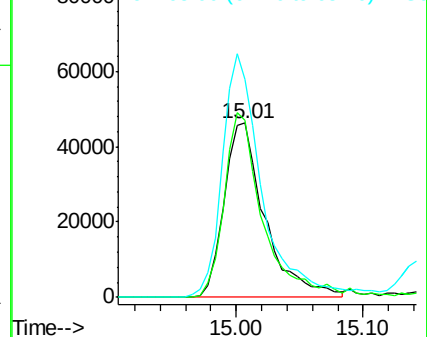
109 100

139 102.0 136.1 204.1#

65 125.3 106.0 159.0



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



#54

2,4-Dinitrotoluene

Concen: 27.03 ng/ul

RT: 15.14 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

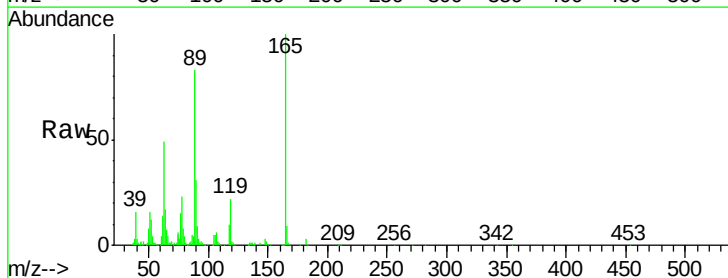
Tgt Ion:165 Resp: 212770

Ion Ratio Lower Upper

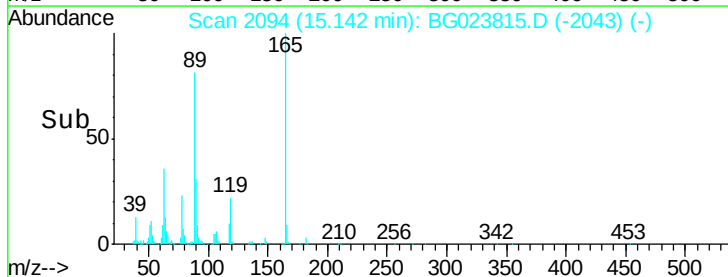
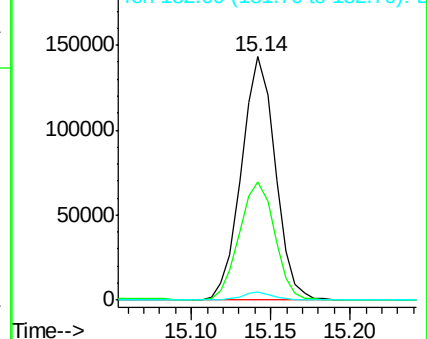
165 100

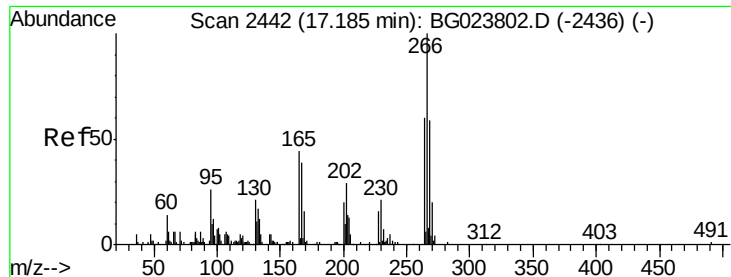
63 48.5 25.7 38.5#

182 3.3 2.1 3.1#



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





#68

Pentachlorophenol

Concen: 29.12 ng/ul

RT: 17.19 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

Instrument :

BNA_G

ClientSampleId :

JHPT9MS

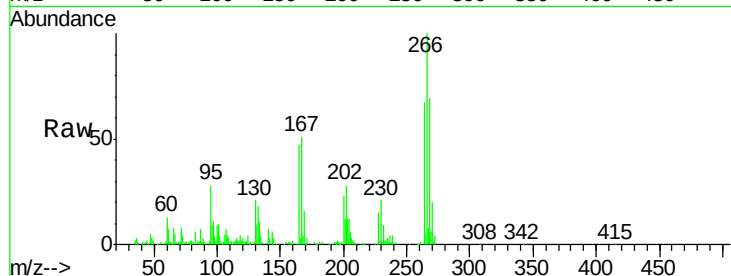
Tgt Ion:266 Resp: 108749

Ion Ratio Lower Upper

266 100

264 66.9 54.7 82.1

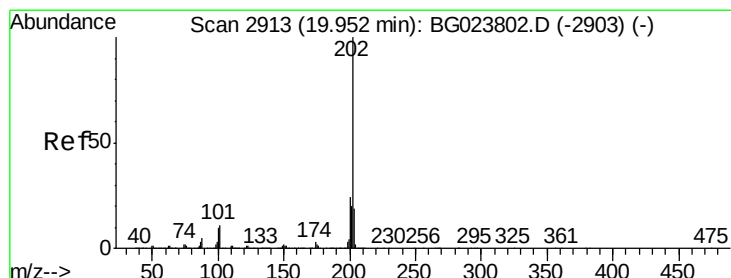
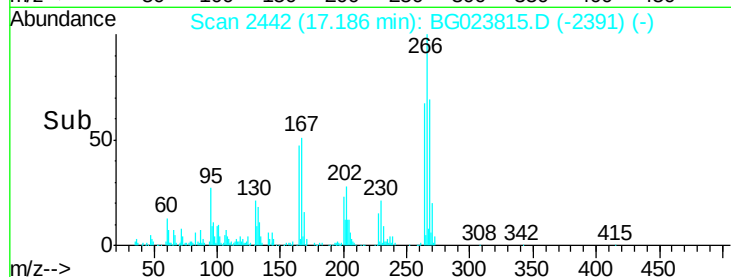
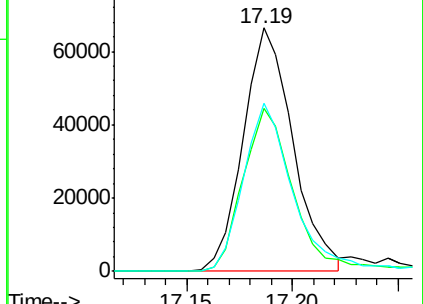
268 69.0 57.8 86.8



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



#77

Pyrene

Concen: 28.13 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023815.D

Acq: 20 Aug 2016 13:26

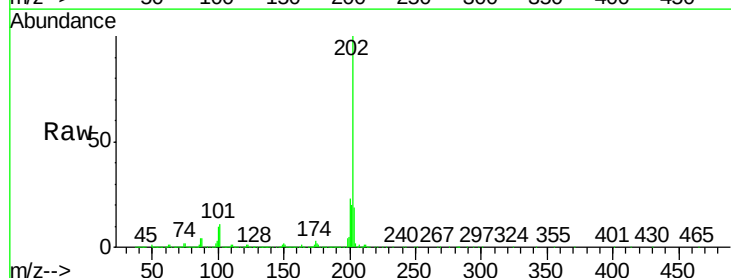
Tgt Ion:202 Resp: 1266768

Ion Ratio Lower Upper

202 100

101 11.1 12.5 18.7#

100 10.3 10.2 15.4



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): E

