

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
 Data File : BG022856.D
 Acq On : 5 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3811-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TV6MSD

Quant Time: Jul 06 03:24:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	171114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	824331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	659295	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1444630	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1555467	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1593500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3617	1.18	ng/uL	0.00
5) Phenol-d5	7.30	99	287642	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	224	0.02	ng/ul	0.06
9) 2-Chlorophenol-d4	7.69	132	184751	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	217799	15.58	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	104931	15.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	122333	15.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	246183	14.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	60143	4.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	849259	15.86	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1002205	16.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	115452	13.73	ng/ul	0.00
57) Fluorene-d10	15.79	176	812241	16.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	141678	15.25	ng/ul	0.00
70) Anthracene-d10	17.65	188	1073410	15.99	ng/ul	0.00
76) Pyrene-d10	19.93	212	1293881	17.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1221832	16.14	ng/ul	0.00

Target Compounds

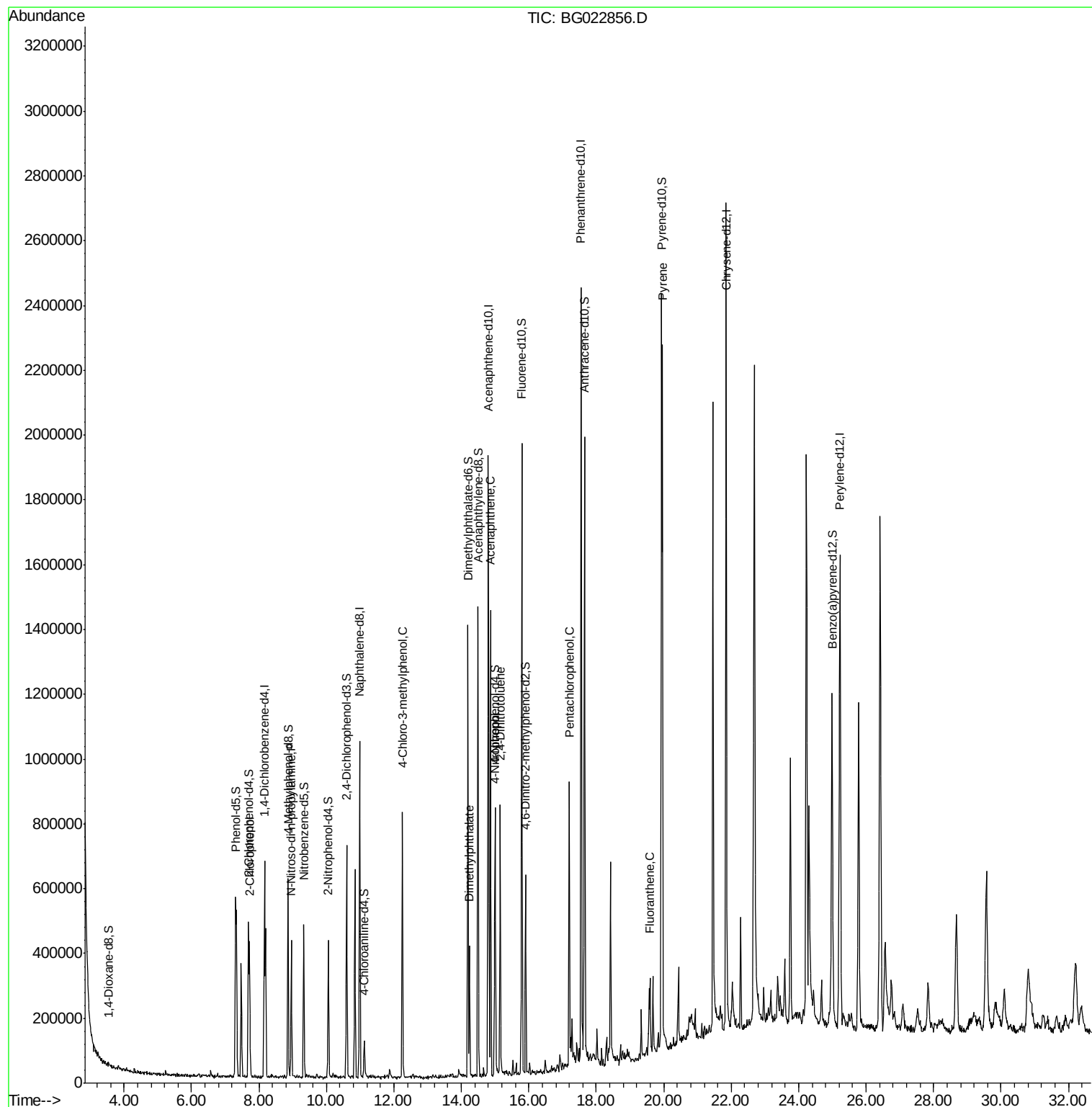
						Qvalue
10) 2-Chlorophenol	7.72	128	160220	13.10	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.96	70	180876	13.33	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.25	107	281104	13.34	ng/ul#	81
44) Dimethylphthalate	14.24	163	240191	4.39	ng/ul#	95
49) Acenaphthene	14.87	153	578692	13.78	ng/ul	99
52) 4-Nitrophenol	15.01	109	119043	11.13	ng/ul#	62
54) 2,4-Dinitrotoluene	15.15	165	229418	13.40	ng/ul#	76
68) Pentachlorophenol	17.20	266	167728	14.26	ng/ul	91
74) Fluoranthene	19.60	202	87762	1.14	ng/ul#	79
77) Pyrene	19.96	202	1304214	14.98	ng/ul#	85

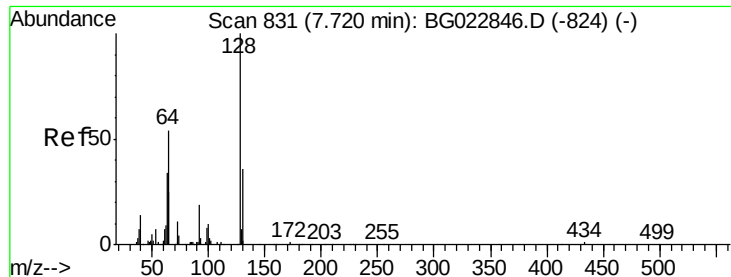
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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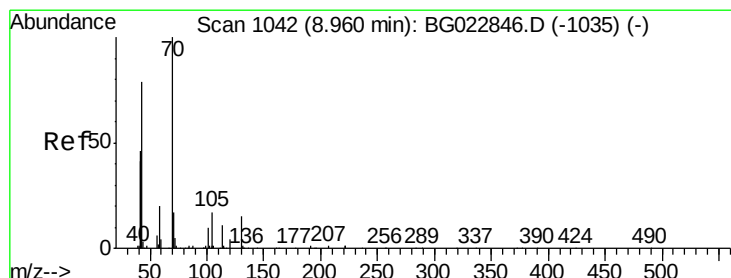
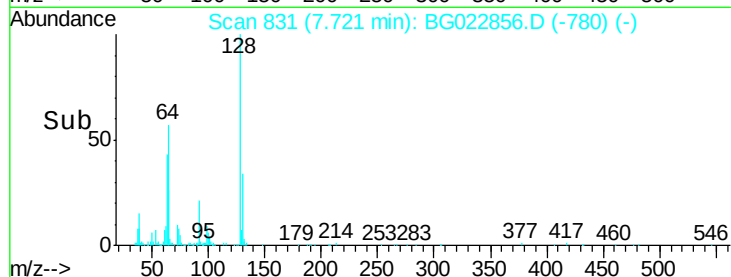
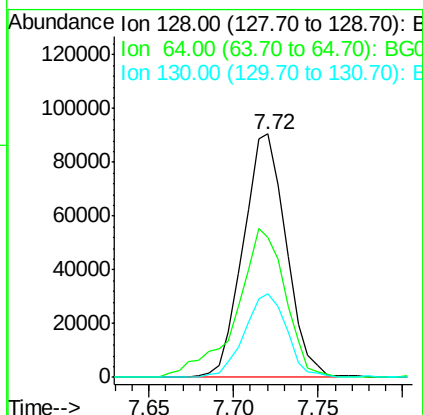
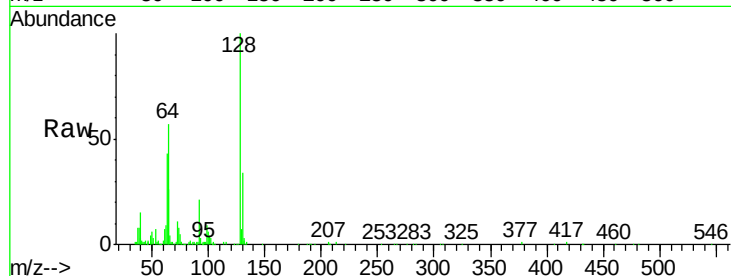




#10
 2-Chlorophenol
 Concen: 13.10 ng/ul
 RT: 7.72 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG022856.D
 Acq: 5 Jul 2016 18:45

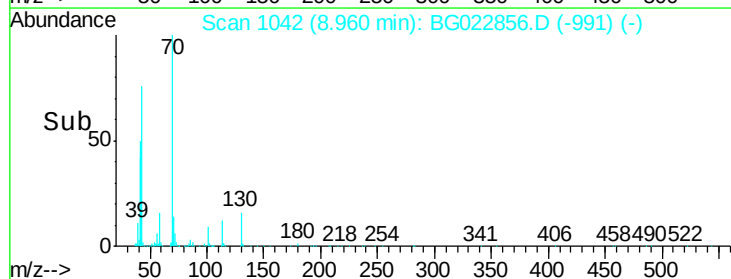
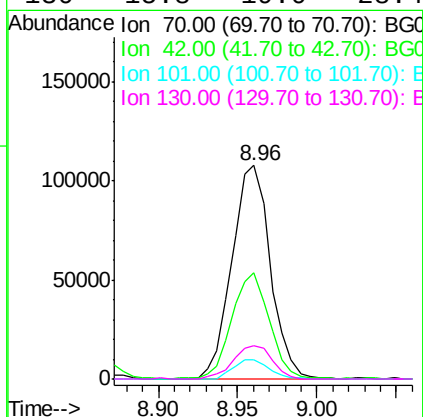
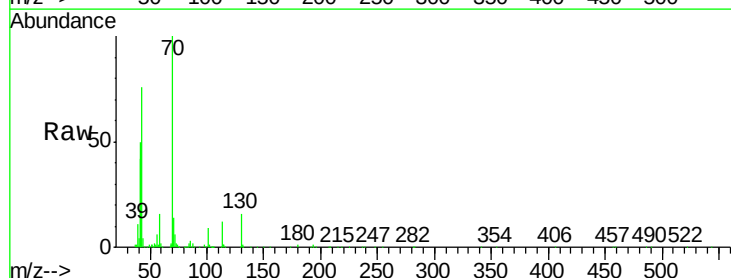
Instrument :
 BNA_G
 ClientSampleId :
 A4TV6MSD

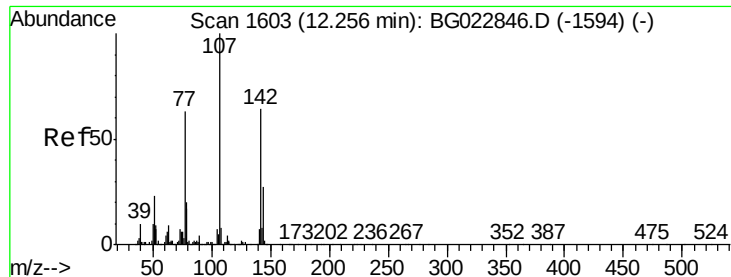
Tgt Ion: 128 Resp: 160220
 Ion Ratio Lower Upper
 128 100
 64 57.3 34.2 51.4#
 130 34.3 27.0 40.4



#15
 N-Nitroso-di-n-propylamine
 Concen: 13.33 ng/ul
 RT: 8.96 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG022856.D
 Acq: 5 Jul 2016 18:45

Tgt Ion: 70 Resp: 180876
 Ion Ratio Lower Upper
 70 100
 42 49.9 31.4 47.2#
 101 8.9 8.6 13.0
 130 15.8 19.0 28.4#

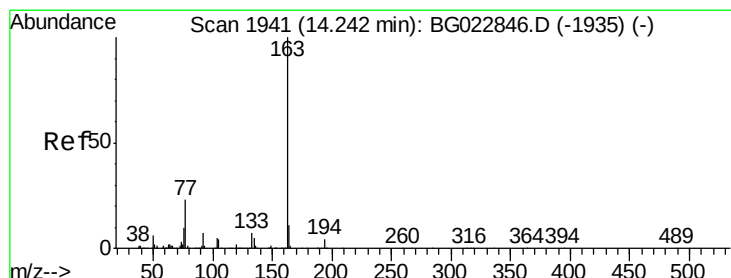
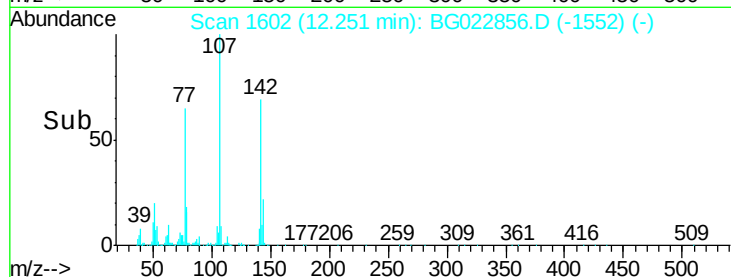
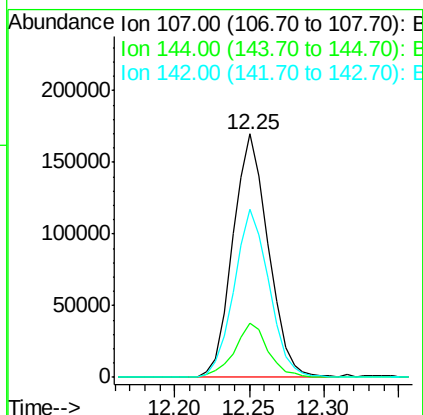
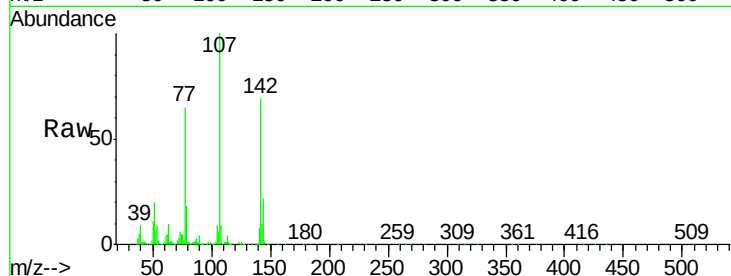




#33
4-Chloro-3-methylphenol
Concen: 13.34 ng/ul
RT: 12.25 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG022856.D
Acq: 5 Jul 2016 18:45

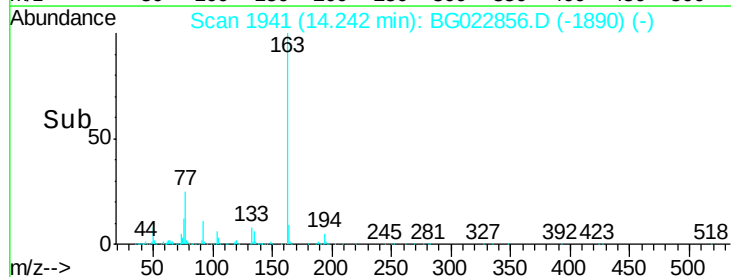
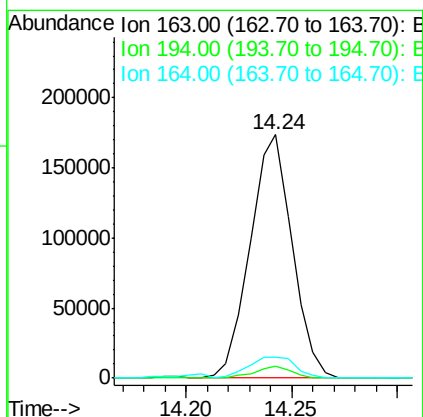
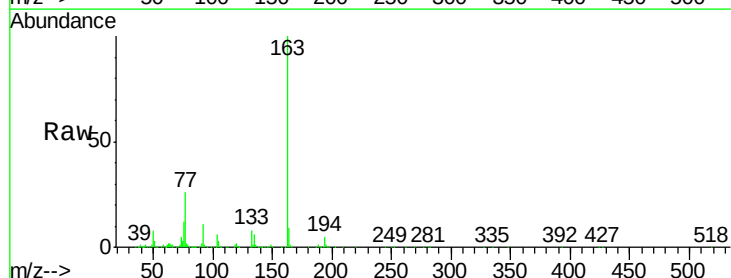
Instrument :
BNA_G
ClientSampleId :
A4TV6MSD

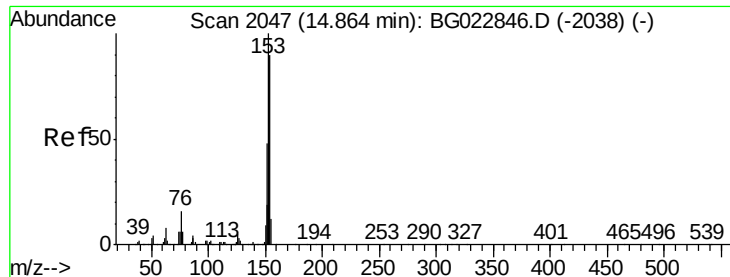
Tgt Ion:107 Resp: 281104
Ion Ratio Lower Upper
107 100
144 22.1 22.7 34.1#
142 69.1 71.6 107.4#



#44
Dimethylphthalate
Concen: 4.39 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG022856.D
Acq: 5 Jul 2016 18:45

Tgt Ion:163 Resp: 240191
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 8.6 8.8 13.2#





#49

Acenaphthene

Concen: 13.78 ng/ul

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

A4TV6MSD

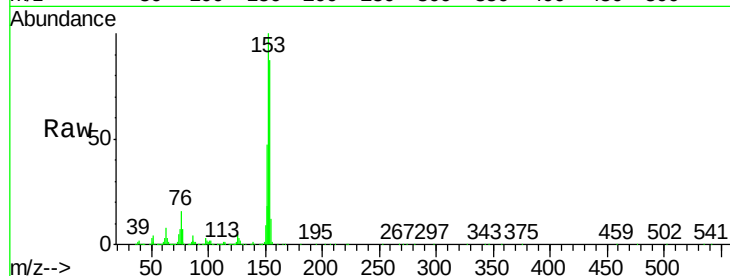
Tgt Ion:153 Resp: 578692

Ion Ratio Lower Upper

153 100

152 46.8 37.3 55.9

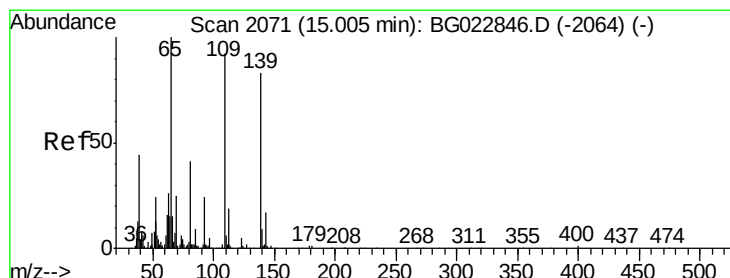
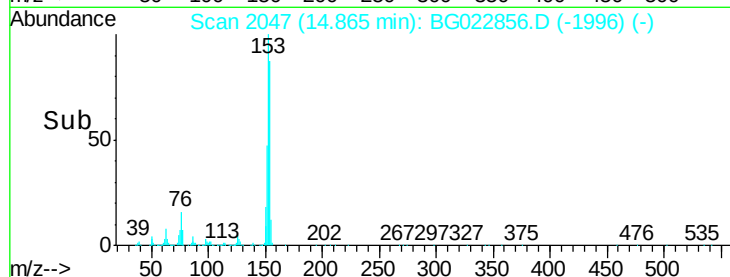
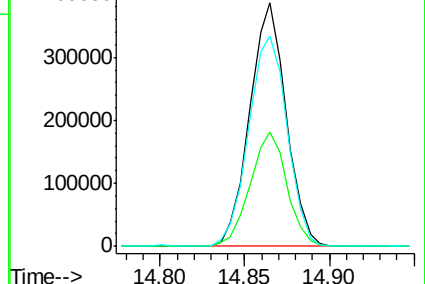
154 86.6 68.2 102.2



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: 11.13 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

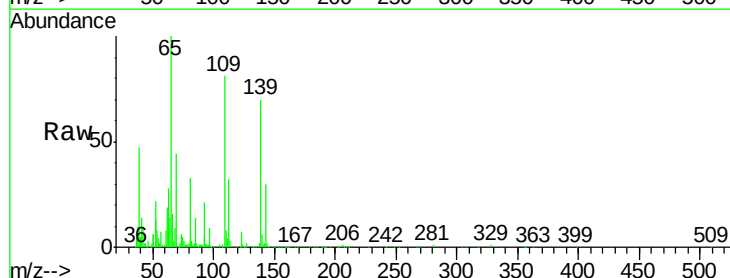
Tgt Ion:109 Resp: 119043

Ion Ratio Lower Upper

109 100

139 86.6 136.1 204.1#

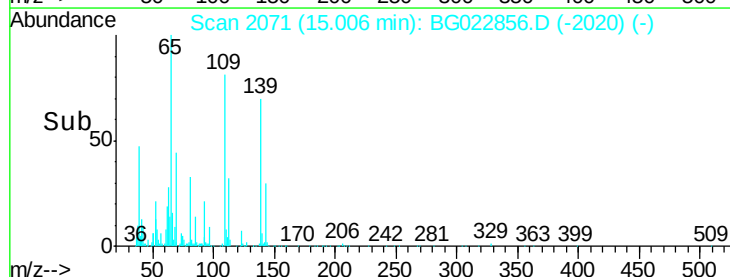
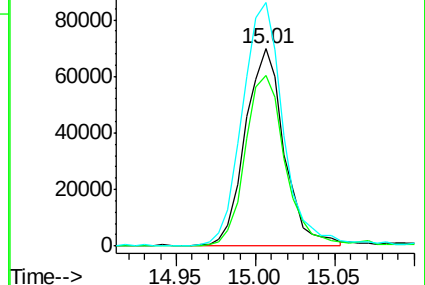
65 123.5 106.0 159.0

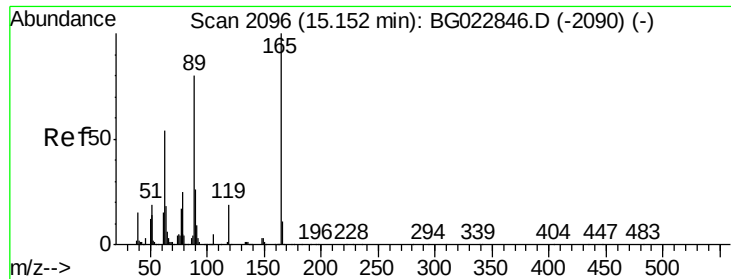


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#54

2,4-Dinitrotoluene

Concen: 13.40 ng/ul

RT: 15.15 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

A4TV6MSD

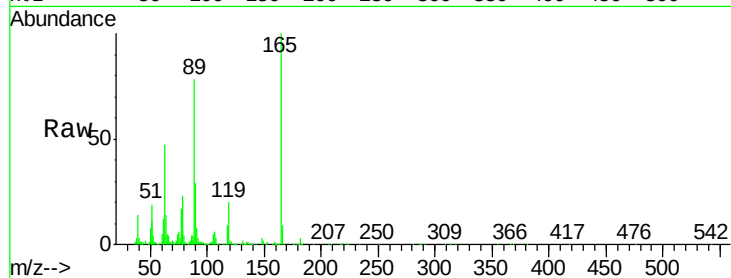
Tgt Ion:165 Resp: 229418

Ion Ratio Lower Upper

165 100

63 46.6 25.7 38.5#

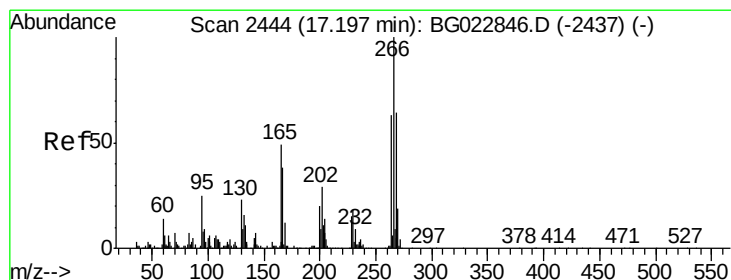
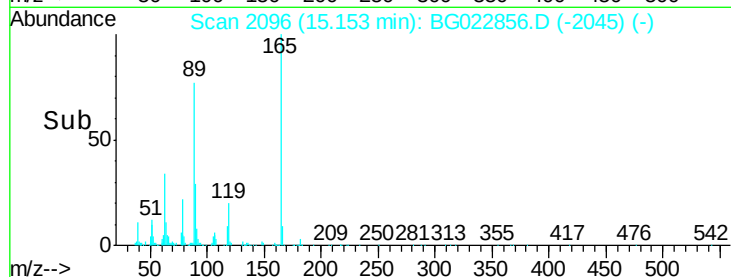
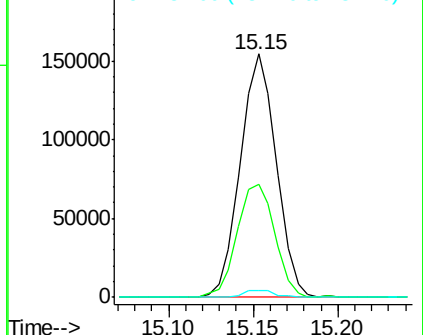
182 2.9 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 14.26 ng/ul

RT: 17.20 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

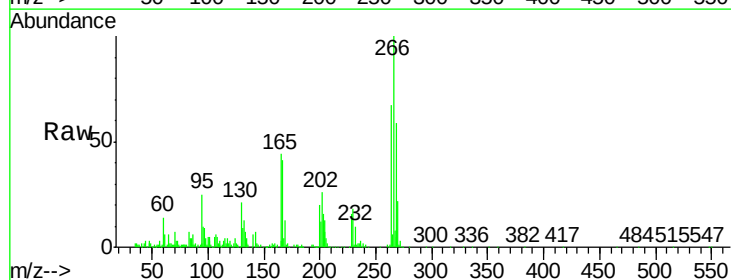
Tgt Ion:266 Resp: 167728

Ion Ratio Lower Upper

266 100

264 67.1 54.7 82.1

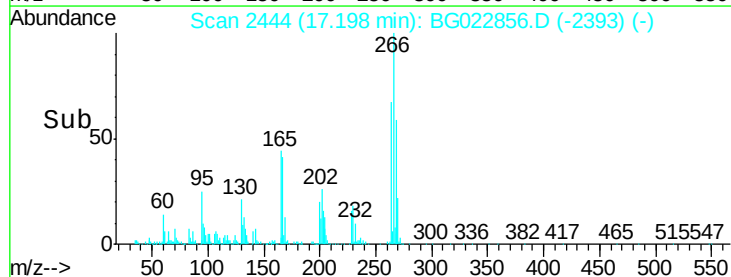
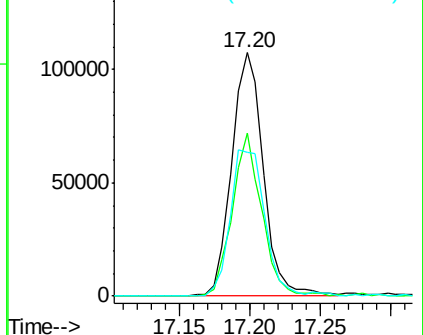
268 59.2 57.8 86.8

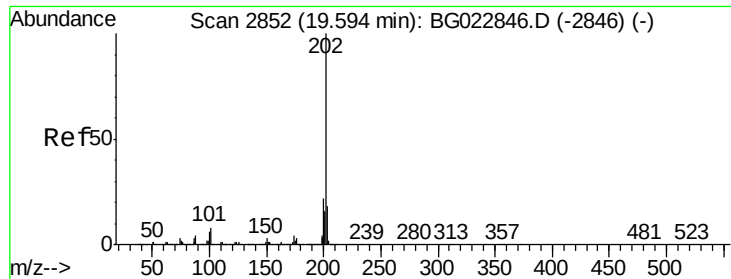


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#74

Fluoranthene

Concen: 1.14 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022856.D

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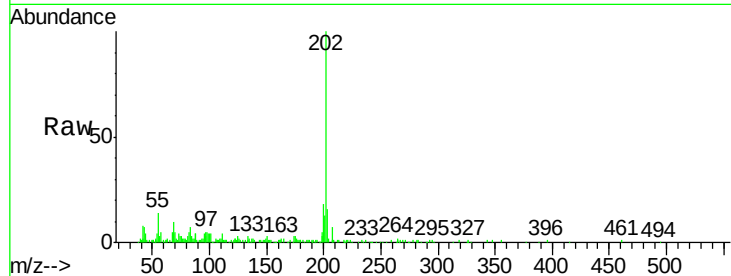
Tgt Ion:202 Resp: 87762

Ion Ratio Lower Upper

202 100

101 4.0 10.6 16.0#

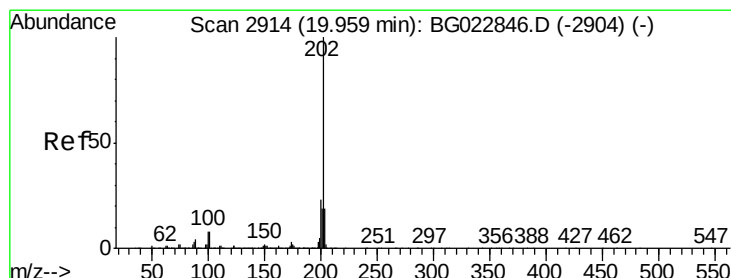
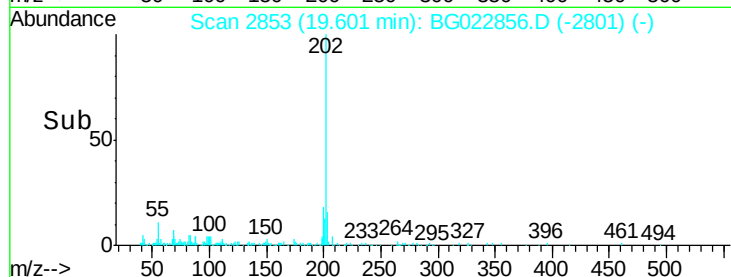
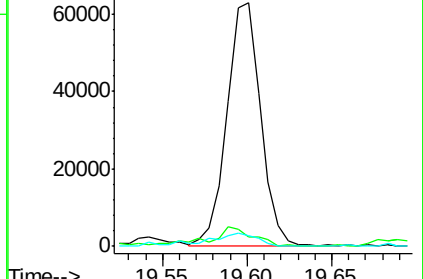
100 4.2 8.7 13.1#



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



#77

Pyrene

Concen: 14.98 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

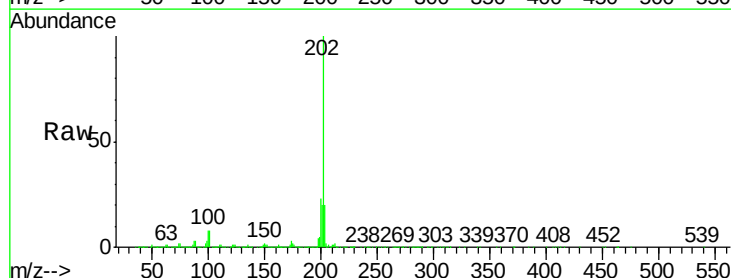
Tgt Ion:202 Resp: 1304214

Ion Ratio Lower Upper

202 100

101 8.4 12.5 18.7#

100 7.7 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): B

