

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022855.D
 Acq On : 5 Jul 2016 18:05
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TV6MS

Quant Time: Jul 06 03:24:04 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	182532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	840562	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	639170	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1407639	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1565731	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1635910	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	4954	1.52	ng/uL	0.00
5) Phenol-d5	7.30	99	266911	13.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	158234	14.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	173568	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	189966	12.74	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	94128	14.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	111036	13.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	225310	13.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	55349	3.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	768257	14.80	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	873990	14.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	93946	11.52	ng/ul	0.00
57) Fluorene-d10	15.79	176	728733	14.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	117201	12.95	ng/ul	0.00
70) Anthracene-d10	17.65	188	957279	14.63	ng/ul	0.00
76) Pyrene-d10	19.94	212	1181840	15.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1092710	14.06	ng/ul	0.00

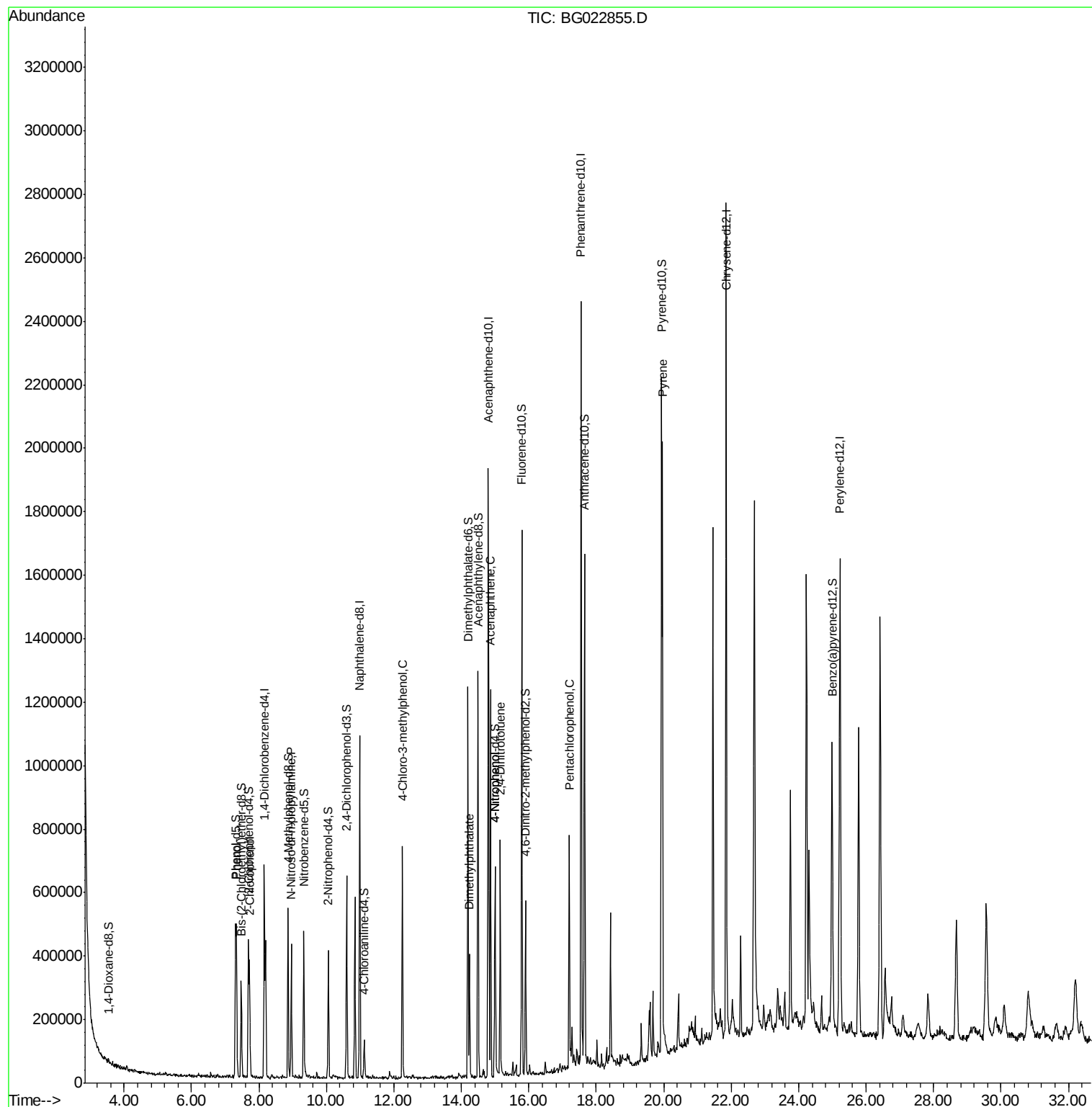
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.33	94	241871	12.30	ng/ul#	65
10) 2-Chlorophenol	7.72	128	142502	10.92	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.96	70	175012	12.09	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.25	107	250167	11.64	ng/ul#	78
44) Dimethylphthalate	14.24	163	227082	4.28	ng/ul#	95
49) Acenaphthene	14.87	153	501603	12.32	ng/ul	95
52) 4-Nitrophenol	15.01	109	98962	9.54	ng/ul#	51
54) 2,4-Dinitrotoluene	15.15	165	194130	11.70	ng/ul#	69
68) Pentachlorophenol	17.20	266	139644	12.19	ng/ul	94
77) Pyrene	19.97	202	1186056	13.53	ng/ul#	84

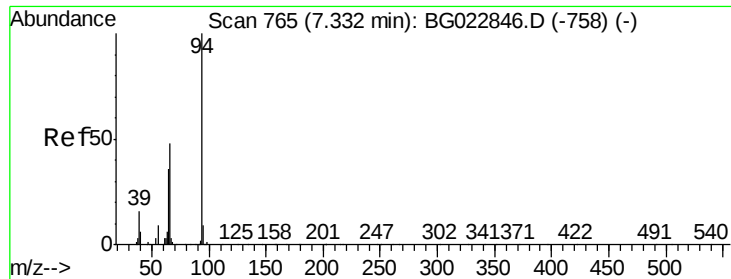
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 12.30 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

A4TV6MS

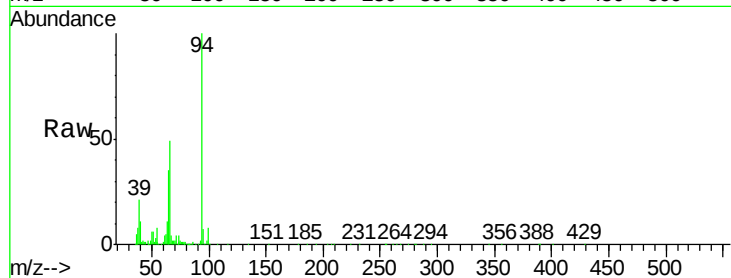
Tot Ion: 94 Resp: 241871

Ion Ratio Lower Upper

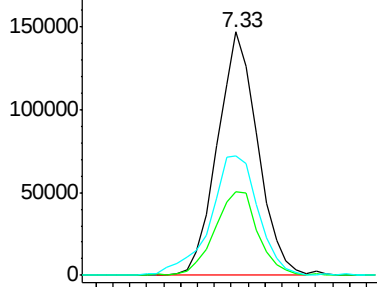
94 100

65 34.6 16.8 25.2#

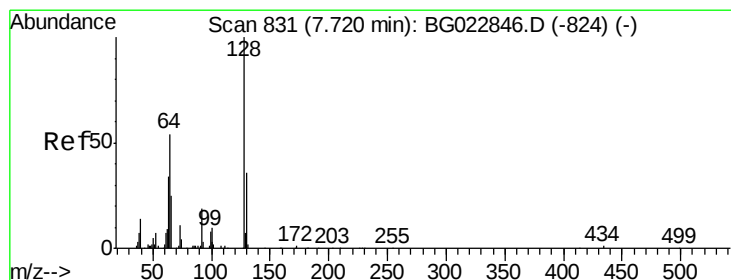
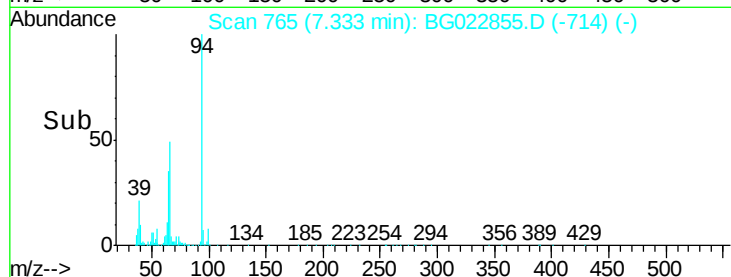
66 48.9 22.6 33.8#



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



Time--> 7.25 7.30 7.35 7.40



#10

2-Chlorophenol

Concen: 10.92 ng/ul

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

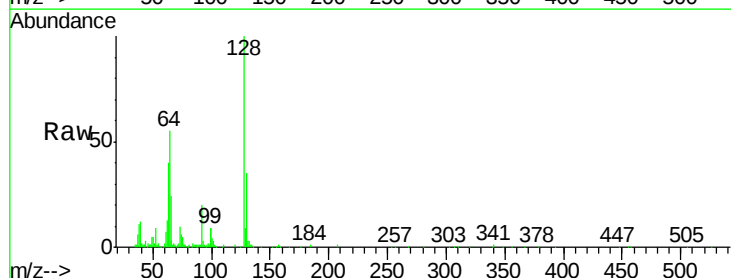
Tgt Ion: 128 Resp: 142502

Ion Ratio Lower Upper

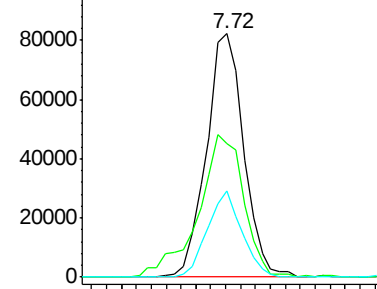
128 100

64 54.8 34.2 51.4#

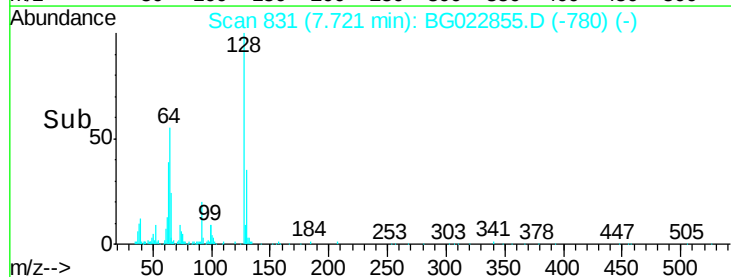
130 35.4 27.0 40.4

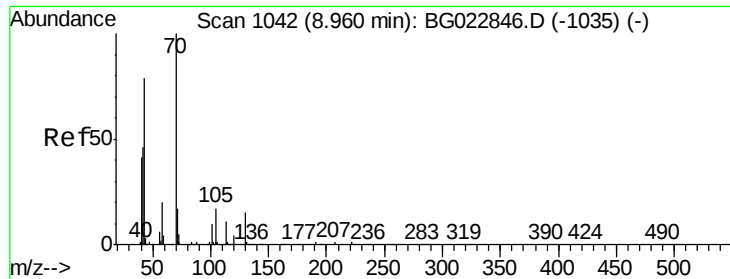


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E



Time--> 7.65 7.70 7.75 7.80

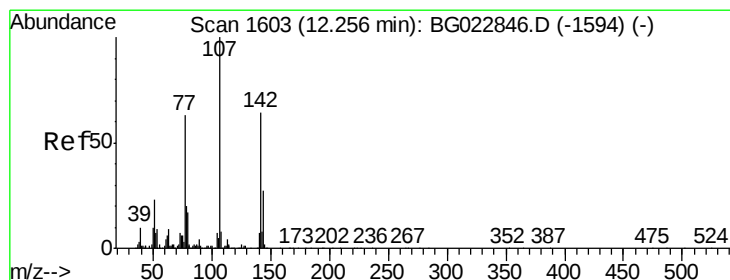
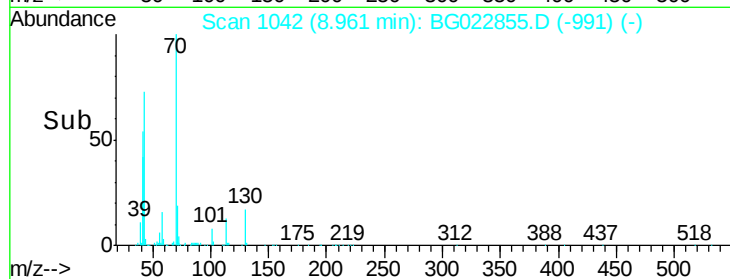
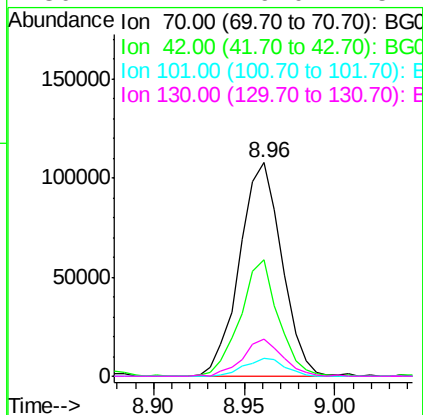
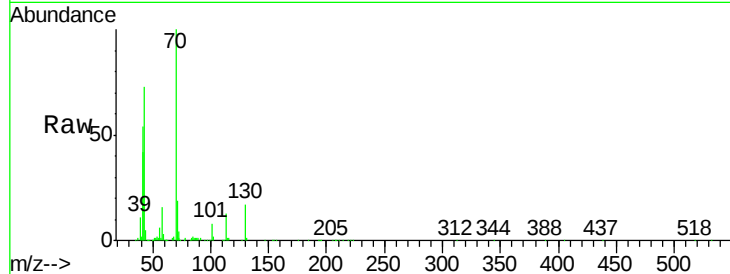




#15
N-Nitroso-di-n-propylamine
Concen: 12.09 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG022855.D
Acq: 5 Jul 2016 18:05

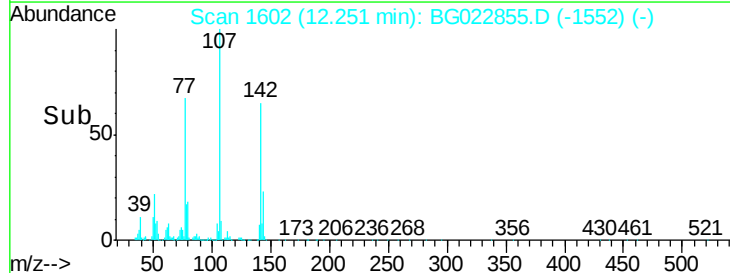
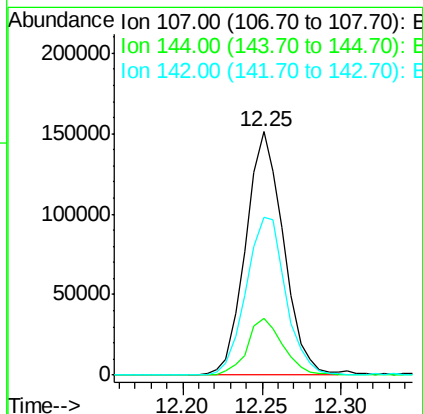
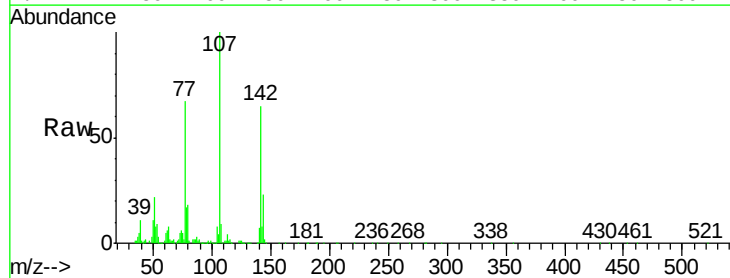
Instrument :
BNA_G
ClientSampleId :
A4TV6MS

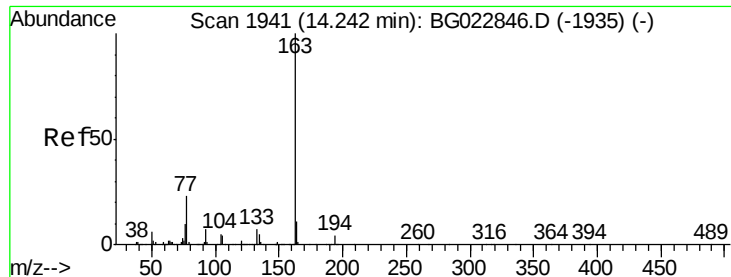
Tot Ion: 70 Resp: 175012
Ion Ratio Lower Upper
70 100
42 54.5 31.4 47.2#
101 8.4 8.6 13.0#
130 17.2 19.0 28.4#



#33
4-Chloro-3-methylphenol
Concen: 11.64 ng/ul
RT: 12.25 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG022855.D
Acq: 5 Jul 2016 18:05

Tgt Ion:107 Resp: 250167
Ion Ratio Lower Upper
107 100
144 23.2 22.7 34.1
142 64.8 71.6 107.4#





#44

Dimethylphthalate

Concen: 4.28 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

A4TV6MS

Tot Ion:163 Resp: 227082

Ion Ratio Lower Upper

163 100

194 5.0

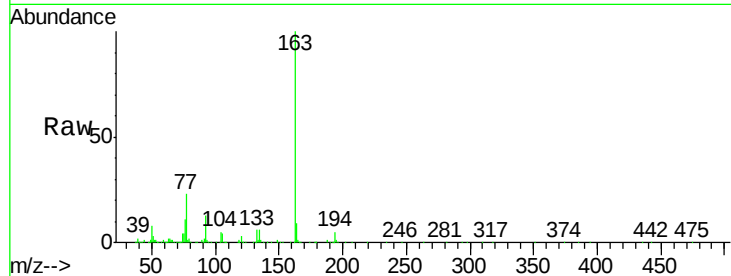
3.4

5.2

164 8.8

8.8

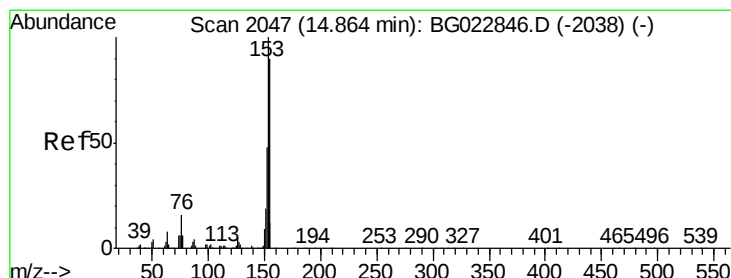
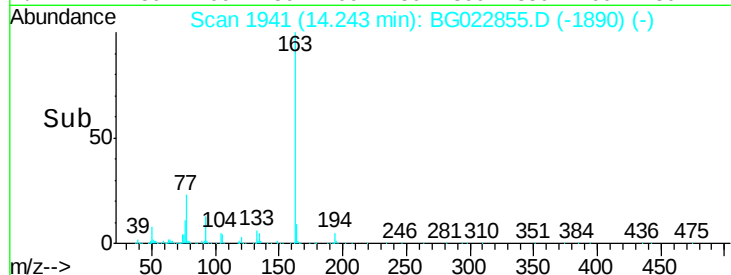
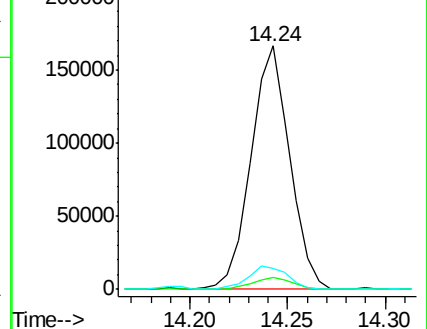
13.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 12.32 ng/ul

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

Tgt Ion:153 Resp: 501603

Ion Ratio Lower Upper

153 100

152 46.2

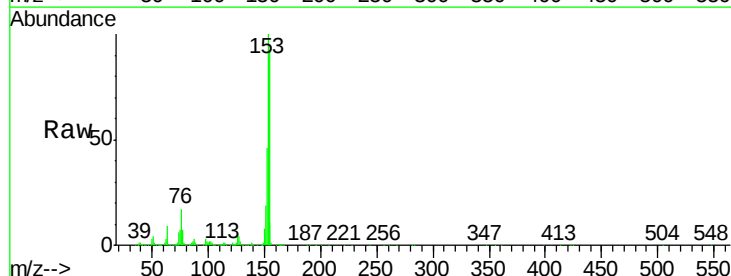
37.3

55.9

154 92.3

68.2

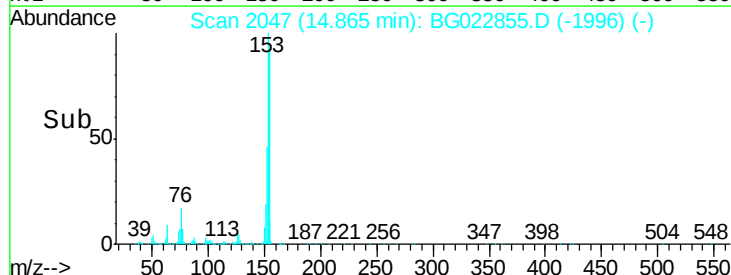
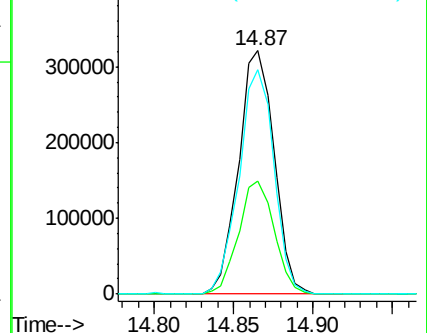
102.2

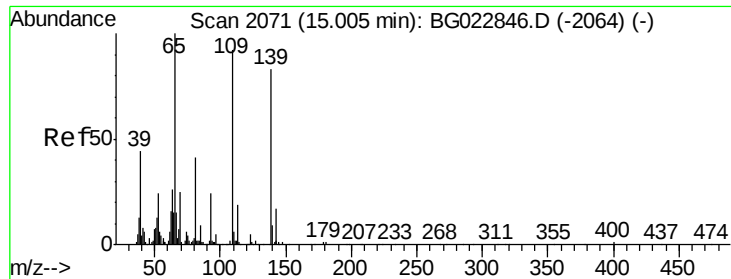


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 9.54 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

A4TV6MS

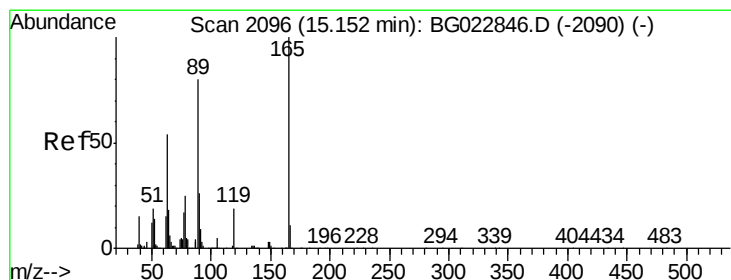
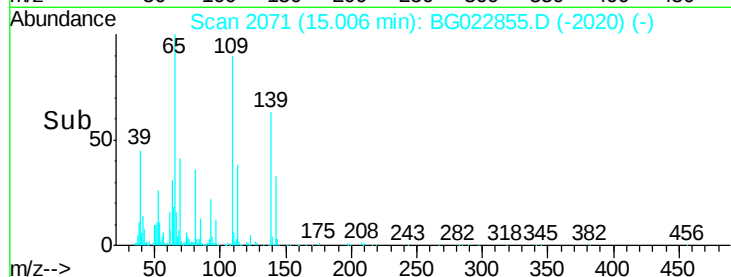
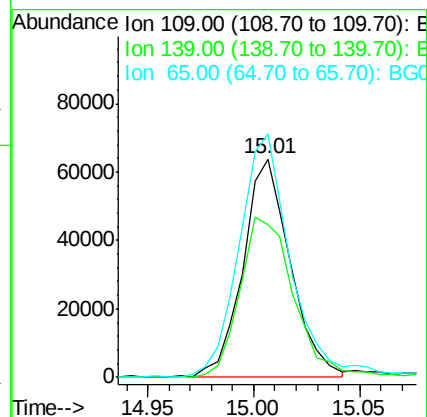
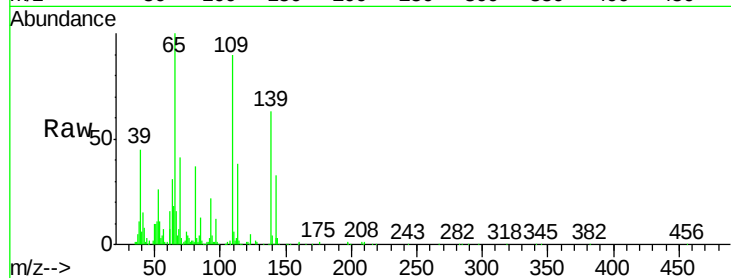
Tot Ion:109 Resp: 98962

Ion Ratio Lower Upper

109 100

139 69.9 136.1 204.1#

65 111.4 106.0 159.0



#54

2,4-Dinitrotoluene

Concen: 11.70 ng/ul

RT: 15.15 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

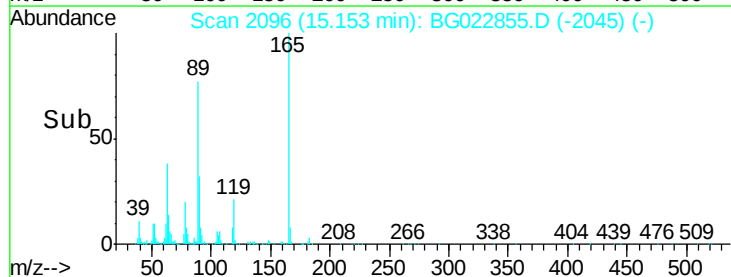
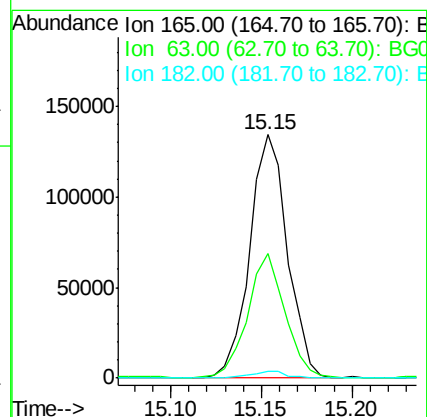
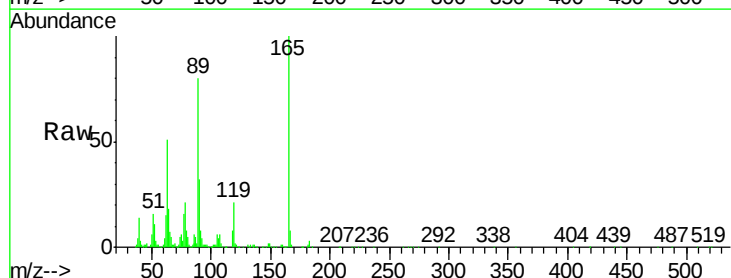
Tgt Ion:165 Resp: 194130

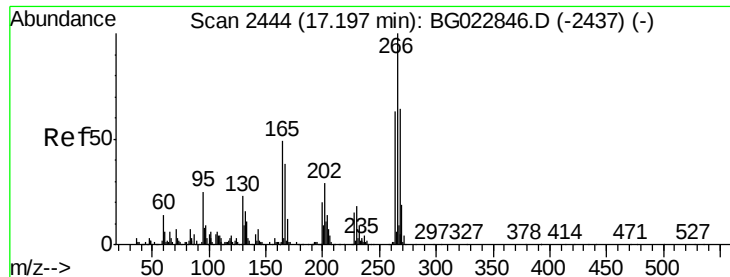
Ion Ratio Lower Upper

165 100

63 51.0 25.7 38.5#

182 2.8 2.1 3.1





#68

Pentachlorophenol

Concen: 12.19 ng/ul

RT: 17.20 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

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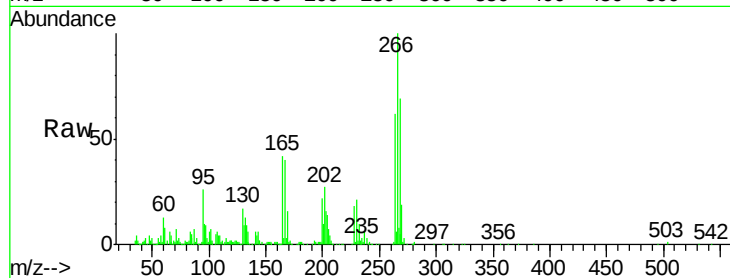
Tot Ion:266 Resp: 139644

Ion Ratio Lower Upper

266 100

264 61.8 54.7 82.1

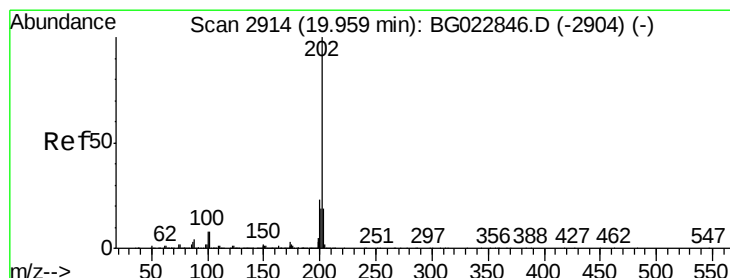
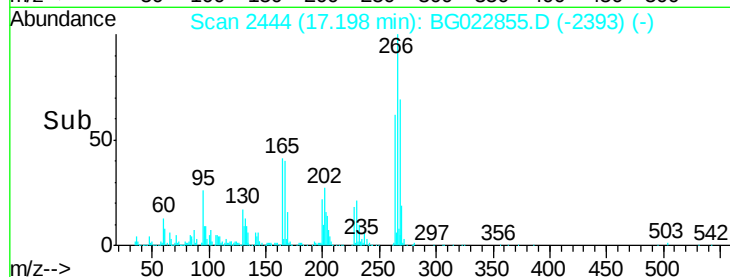
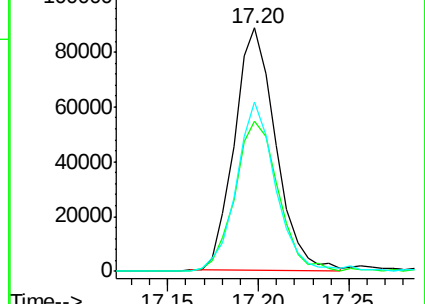
268 69.4 57.8 86.8



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: 13.53 ng/ul

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022855.D

Acq: 5 Jul 2016 18:05

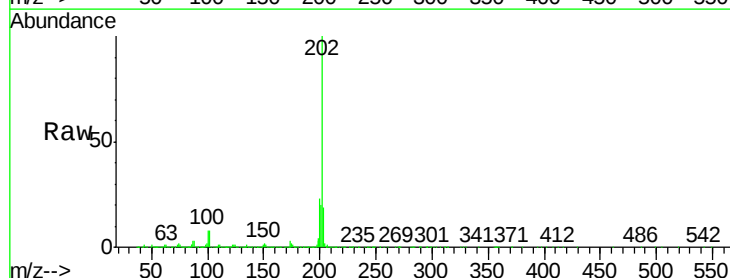
Tgt Ion:202 Resp: 1186056

Ion Ratio Lower Upper

202 100

101 7.5 12.5 18.7#

100 7.8 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

