

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023657.D
 Acq On : 12 Aug 2016 15:35
 Operator : UM/SJ
 Sample : H4360-12MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-01MS

Quant Time: Aug 13 01:33:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 01:31:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	195741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	740680	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.79	164	430651	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	915147	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	937833	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	950929	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7052	1.53	ng/uL	0.02
5) Phenol-d5	7.27	99	291968	14.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	210439	16.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	220008	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	200502	13.02	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	109785	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	133750	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	221339	17.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	50546	3.41	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	606731	17.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	748438	18.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	95126	15.80	ng/ul	0.00
57) Fluorene-d10	15.79	176	553118	16.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	51443	8.76	ng/ul	0.01
70) Anthracene-d10	17.65	188	785085	19.04	ng/ul	0.00
76) Pyrene-d10	19.95	212	813408	17.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	777802	18.07	ng/ul	0.00

Target Compounds

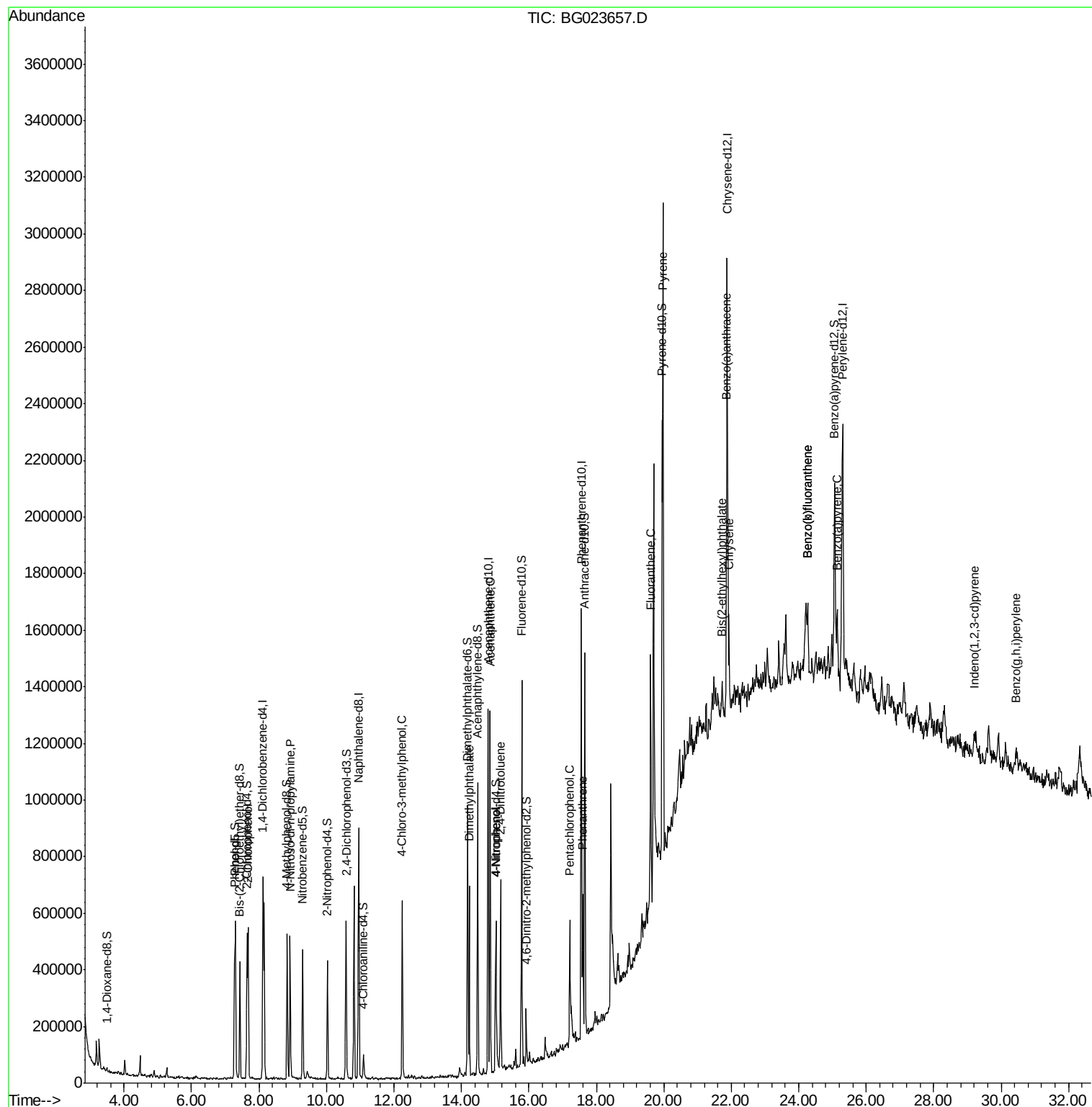
						Qvalue
6) Phenol	7.30	94	307616	14.98	ng/ul#	73
10) 2-Chlorophenol	7.68	128	224915	16.42	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.93	70	212785	14.33	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.24	107	242143	14.75	ng/ul	85
44) Dimethylphthalate	14.23	163	404322	11.58	ng/ul	99
49) Acenaphthene	14.85	153	525896	18.60	ng/ul	98
52) 4-Nitrophenol	15.02	109	86947	14.42	ng/ul#	71
54) 2,4-Dinitrotoluene	15.16	165	183280	15.98	ng/ul#	72
68) Pentachlorophenol	17.21	266	97432	15.79	ng/ul	86
69) Phenanthrene	17.60	178	309324	6.53	ng/ul	99
74) Fluoranthene	19.61	202	533273	10.99	ng/ul#	90
77) Pyrene	19.98	202	1402422	24.19	ng/ul#	92
80) Benzo(a)anthracene	21.86	228	228268	4.32	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.73	149	42428	1.43	ng/ul#	91
82) Chrysene	21.93	228	255471	5.32	ng/ul#	94
85) Benzo(b)fluoranthene	24.27	252	81512	1.51	ng/ul#	82
86) Benzo(k)fluoranthene	24.27	252	81512	1.53	ng/ul#	77
88) Benzo(a)pyrene	25.13	252	226813	4.34	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.21	276	107515	1.75	ng/ul#	89
91) Benzo(g,h,i)perylene	30.45	276	69482	1.37	ng/ul#	83

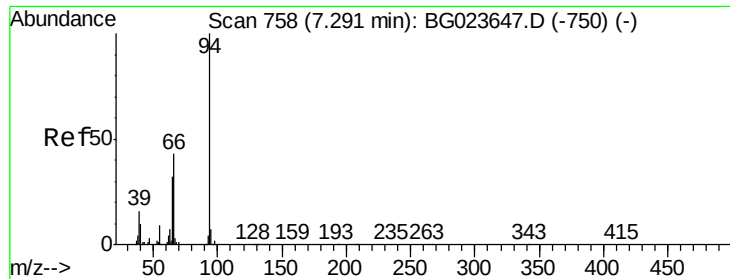
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 14.98 ng/ul

RT: 7.30 min Scan# 760

Delta R.T. 0.01 min

Lab File: BG023657.D

Acq: 12 Aug 2016 15:35

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-01MS

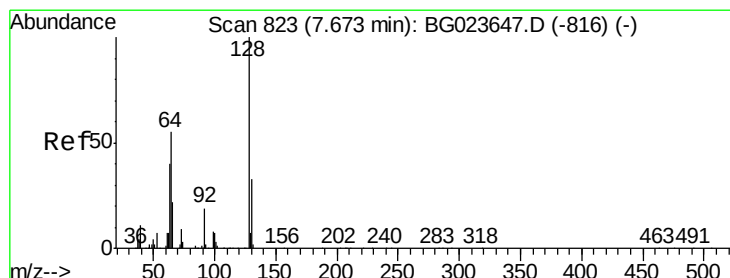
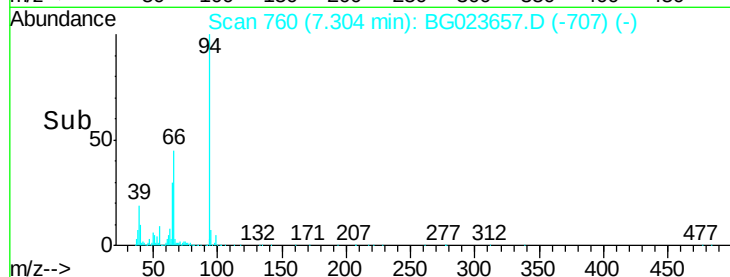
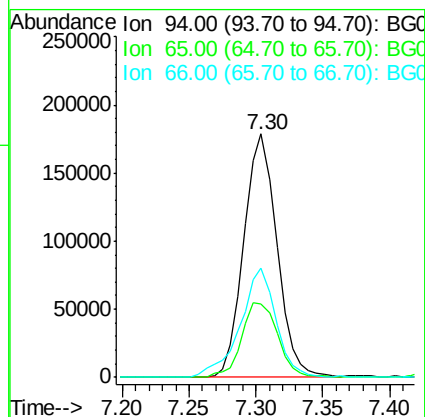
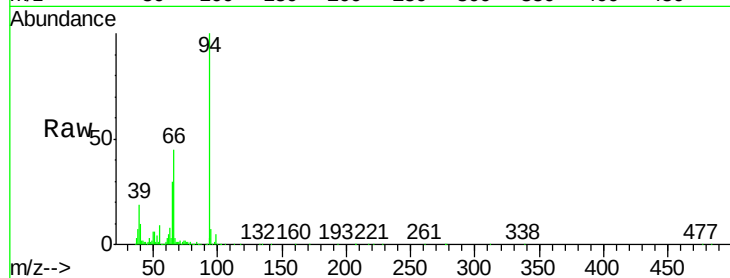
Tgt Ion: 94 Resp: 307616

Ion Ratio Lower Upper

94 100

65 30.3 16.8 25.2#

66 44.8 22.6 33.8#



#10

2-Chlorophenol

Concen: 16.42 ng/ul

RT: 7.68 min Scan# 824

Delta R.T. 0.01 min

Lab File: BG023657.D

Acq: 12 Aug 2016 15:35

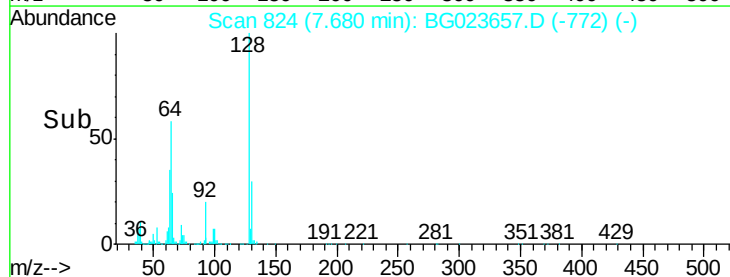
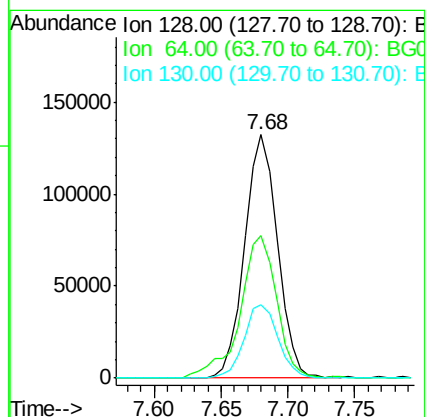
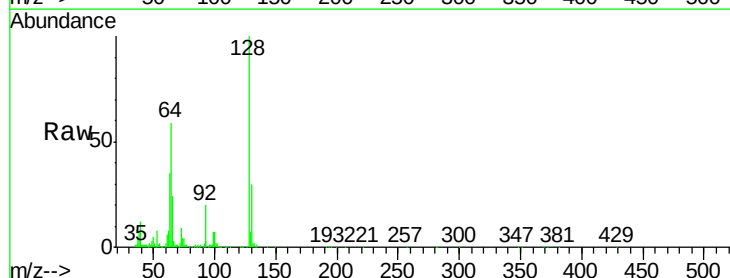
Tgt Ion: 128 Resp: 224915

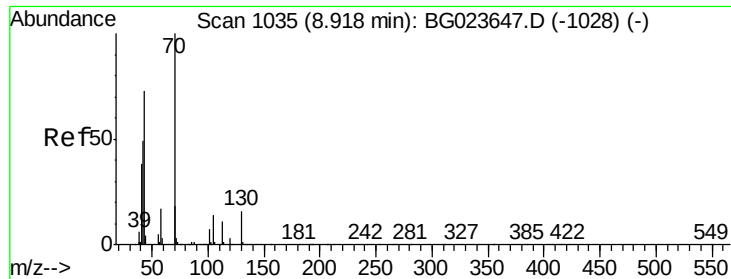
Ion Ratio Lower Upper

128 100

64 58.6 34.2 51.4#

130 30.4 27.0 40.4

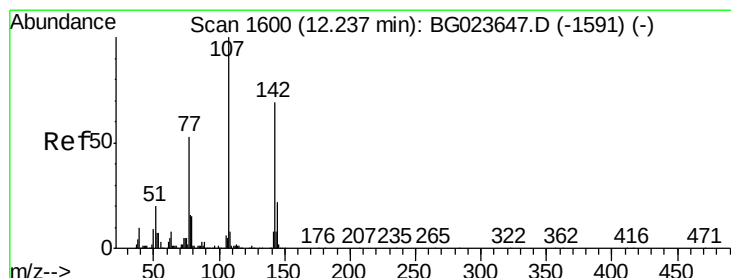
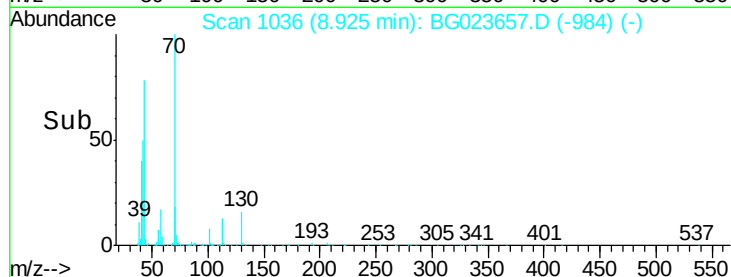
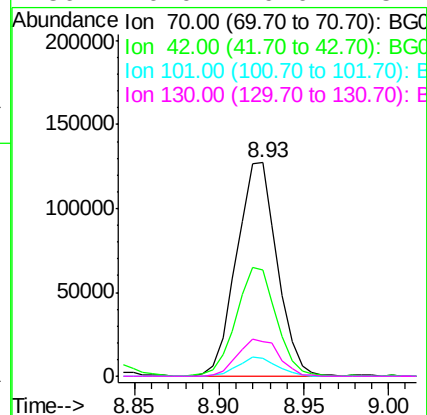
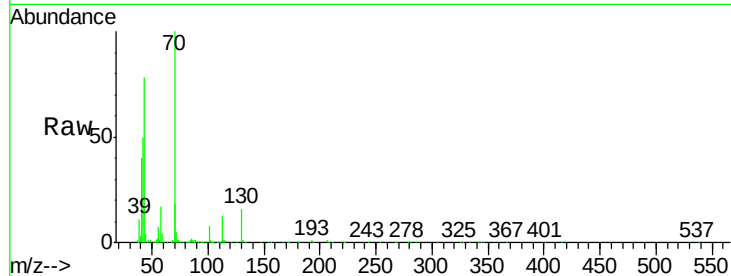




#15
N-Nitroso-di-n-propylamine
Concen: 14.33 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023657.D
Acq: 12 Aug 2016 15:35

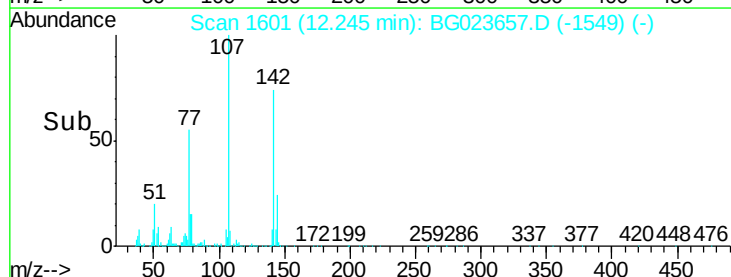
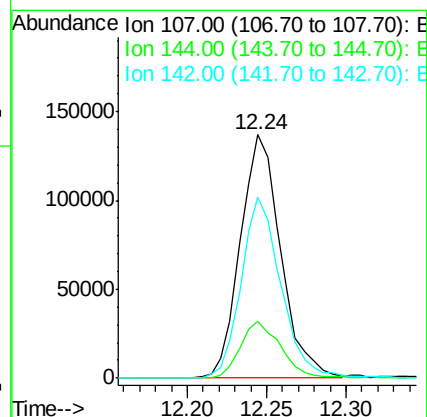
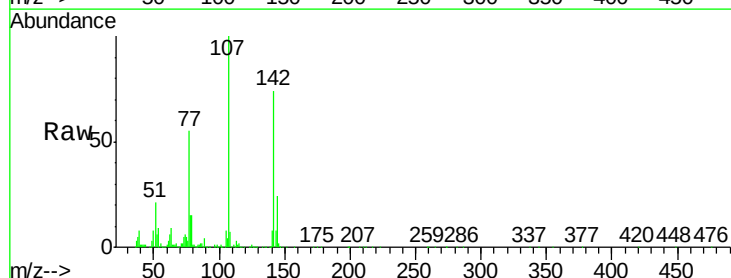
Instrument :
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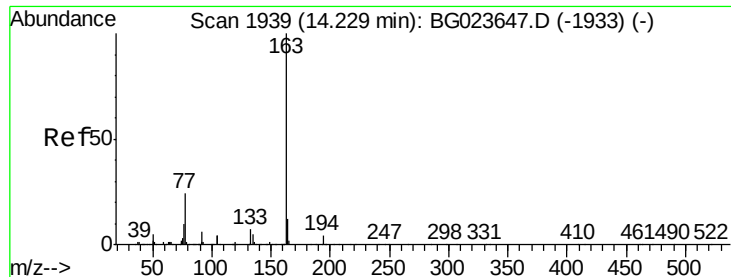
Tgt Ion:	70	Resp:	212785
Ion Ratio	Lower	Upper	
70	100		
42	49.7	31.4	47.2#
101	8.4	8.6	13.0#
130	16.0	19.0	28.4#



#33
4-Chloro-3-methylphenol
Concen: 14.75 ng/ul
RT: 12.24 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG023657.D
Acq: 12 Aug 2016 15:35

Tgt Ion:	107	Resp:	242143
Ion Ratio	Lower	Upper	
107	100		
144	23.5	22.7	34.1
142	74.1	71.6	107.4





#44

Dimethylphthalate

Concen: 11.58 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG023657.D

Acq: 12 Aug 2016 15:35

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-01MS

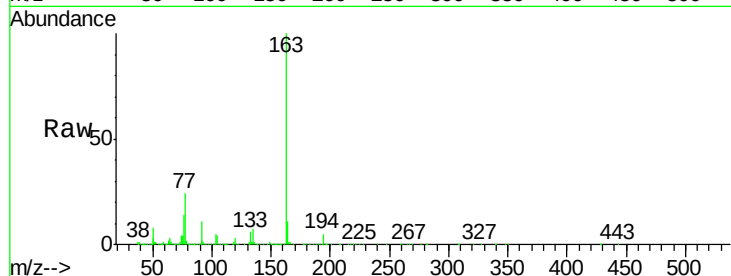
Tgt Ion:163 Resp: 404322

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

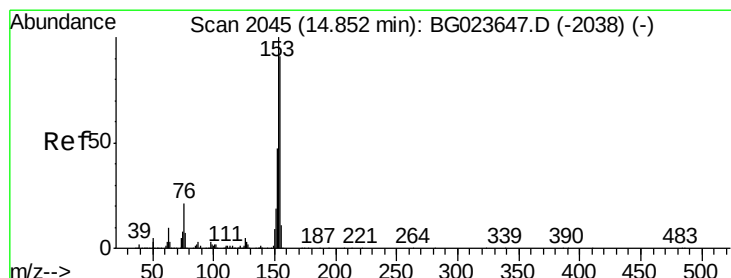
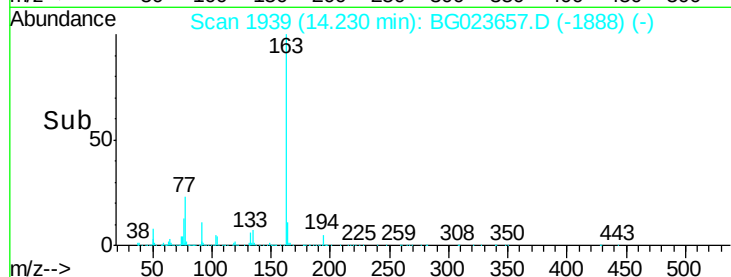
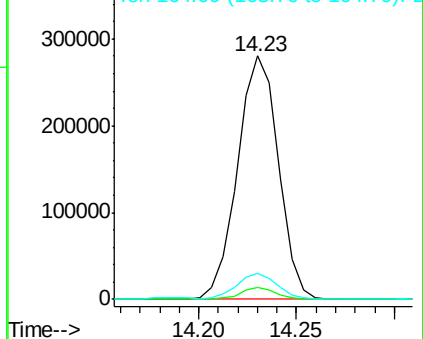
164 10.9 8.8 13.2



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: 18.60 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG023657.D

Acq: 12 Aug 2016 15:35

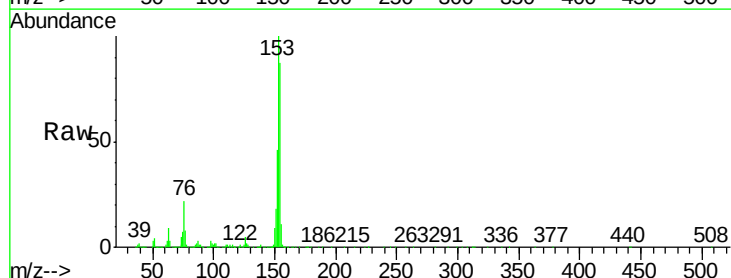
Tgt Ion:153 Resp: 525896

Ion Ratio Lower Upper

153 100

152 46.0 37.3 55.9

154 87.4 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

