Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023667.D
Acq On : 12 Aug 2016 22:13
Operator : UM/SJ
Sample : H4385-21MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P003-SS001-1218-01MS

Quant Time: Aug 13 03:21:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	139674	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	652865	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	448798	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	974942	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	978461	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	997565	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9654	2.94	ng/uL	0.00
5) Phenol-d5	7.27	99	281632	20.02	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	181537	20.14	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	199131	20.75	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	223556	20.35	ng/ul	-0.02
19) Nitrobenzene-d5	9.30	128	112946	21.95	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	135182	22.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	244112	21.90	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	272262	20.82	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	836928	22.78	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	979950	23.70	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	144602	23.05	ng/ul	-0.02
57) Fluorene-d10	15.79	176	759521	22.37	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	140573	22.47	ng/ul	-0.02
70) Anthracene-d10	17.65	188	1103801	25.13	ng/ul	-0.01
76) Pyrene-d10	19.95	212	1182601	23.88	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.04	264	1150889	25.49	ng/ul	-0.05
Target Compounds						Qvalue
6) Phenol	7.30	94	298222	20.35	ng/ul#	71
10) 2-Chlorophenol	7.67	128	202776	20.74	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.92	70	223723	21.11	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.24	107	337082	23.30	ng/ul	84
44) Dimethylphthalate	14.23	163	456649	12.55	ng/ul	100
47) Acenaphthylene	14.51	152	104112	2.41	ng/ul	97
49) Acenaphthene	14.85	153	711746	24.15	ng/ul	96
54) 2,4-Dinitrotoluene	15.16	165	279526	23.39	ng/ul#	74
58) Fluorene	15.84	166	44818	1.23	ng/ul#	90
68) Pentachlorophenol	17.21	266	150622	22.92	ng/ul	93
69) Phenanthrene	17.60	178	723279	14.32	ng/ul	99
71) Anthracene	17.69	178	147194	2.86	ng/ul	95
74) Fluoranthene	19.61	202	1449810	28.05	ng/ul	94
77) Pyrene	19.98	202	2677019	44.26	ng/ul	99
80) Benzo(a)anthracene	21.86	228	918865	16.68	ng/ul#	95
82) Chrysene	21.93	228	933385	18.63	ng/ul#	94
85) Benzo(b)fluoranthene	24.20	252	1008382	17.77	ng/ul#	94
86) Benzo(k)fluoranthene	24.20	252	1008382	18.05	ng/ul#	90
88) Benzo(a)pyrene	24.97	252	544726	9.94	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.19	276	499244	7.76	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.23	278	78453	1.43	ng/ul#	89
91) Benzo(g,h,i)perylene	30.41	276	478857	8.97	ng/ul#	87

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 13 03:21:51 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

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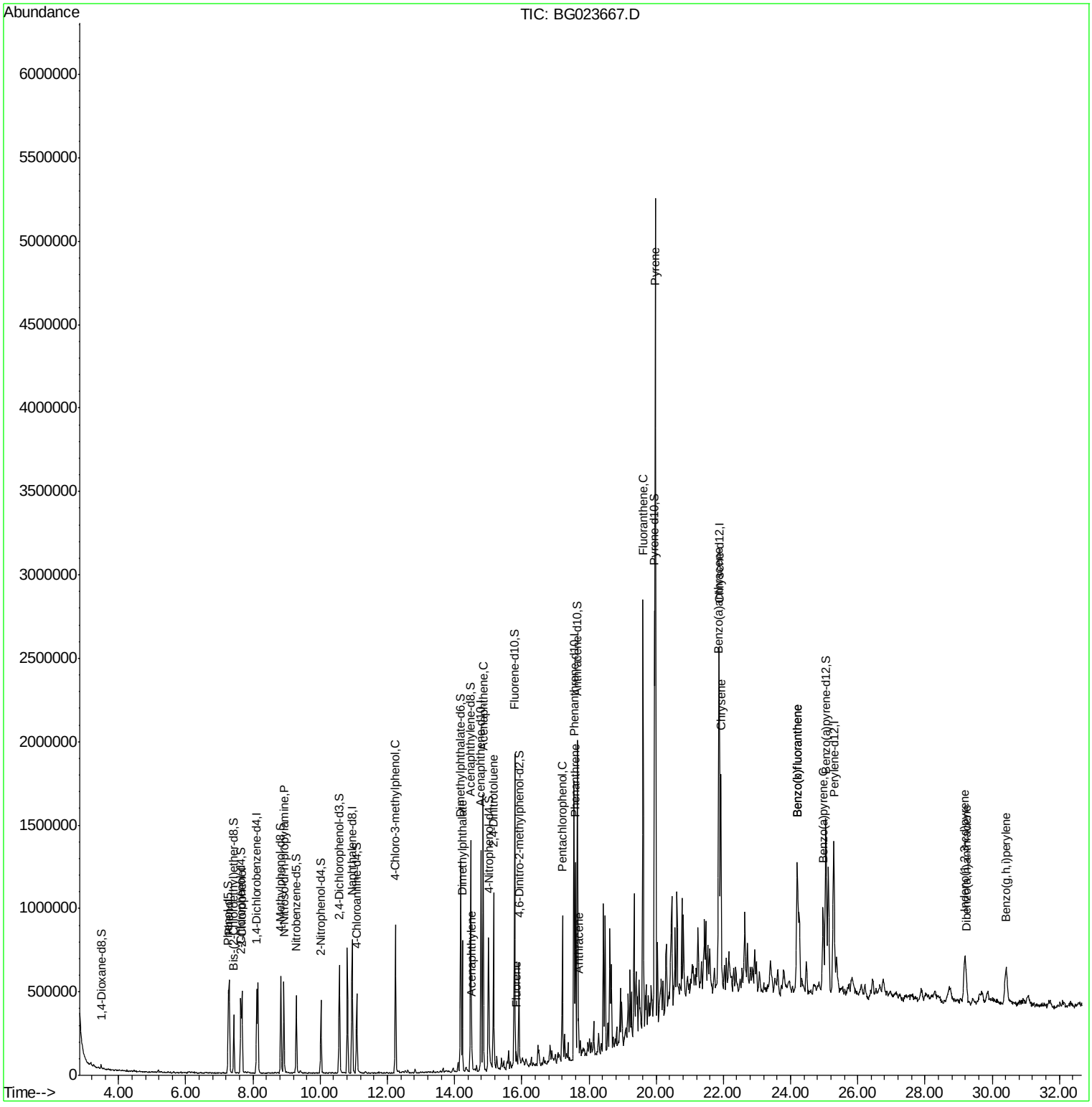
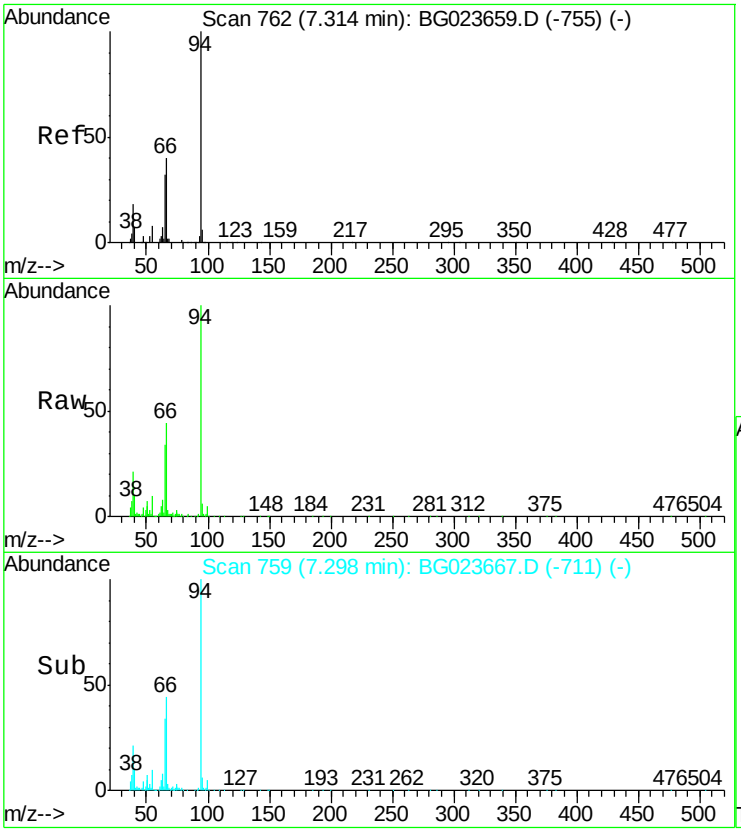


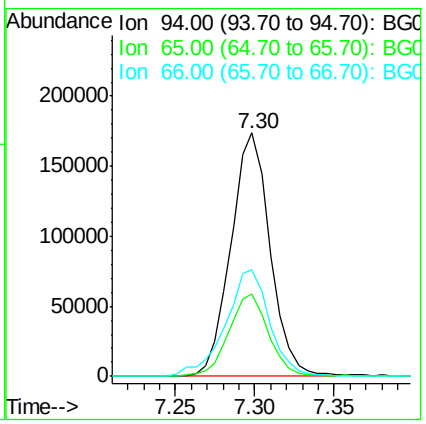


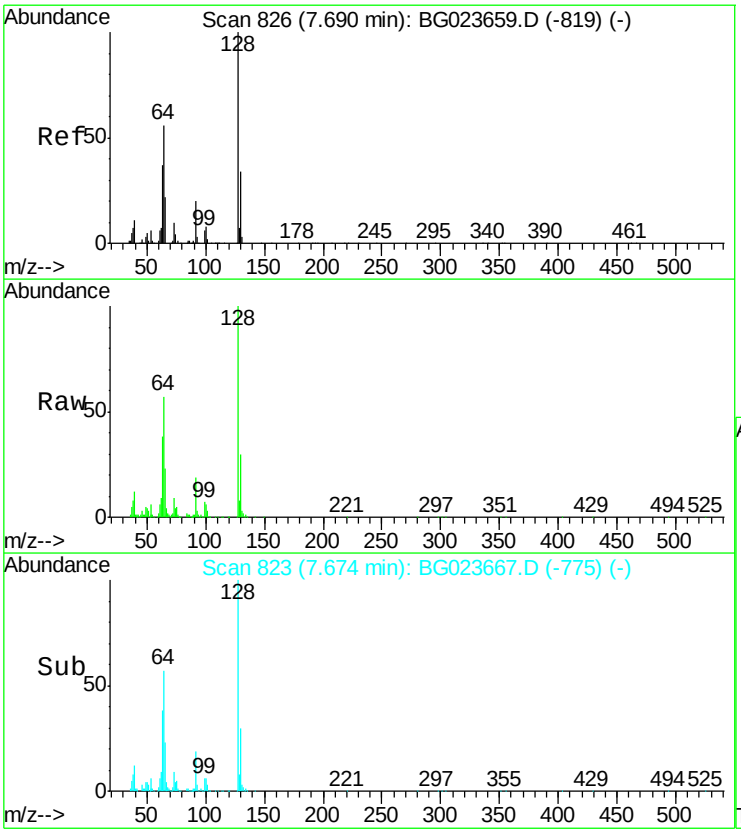
#6
Phenol
Concen: 20.35 ng/ul
RT: 7.30 min Scan# 759
Delta R.T. -0.02 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01MS

Tgt Ion: 94 Resp: 298222

Ion	Ratio	Lower	Upper
94	100		
65	34.0	16.8	25.2#
66	44.0	22.6	33.8#

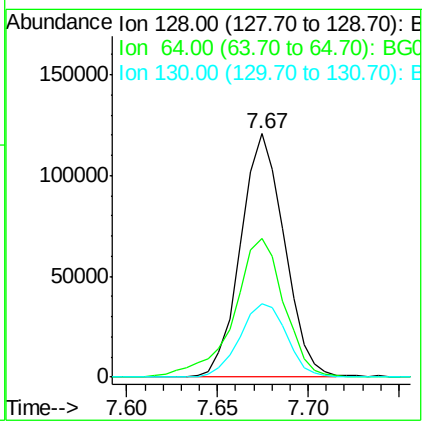


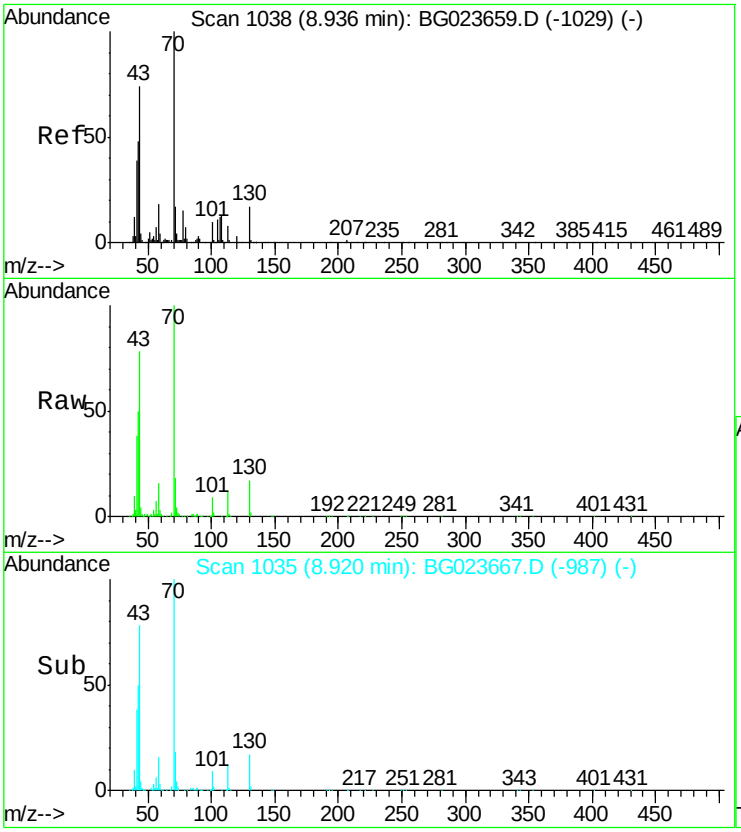


#10
2-Chlorophenol
Concen: 20.74 ng/ul
RT: 7.67 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Tgt Ion:128 Resp: 202776

Ion	Ratio	Lower	Upper
128	100		
64	56.8	34.2	51.4#
130	30.0	27.0	40.4



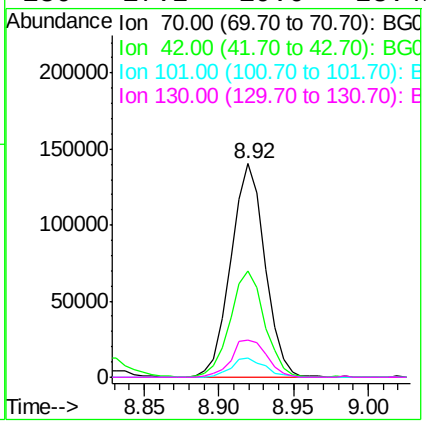


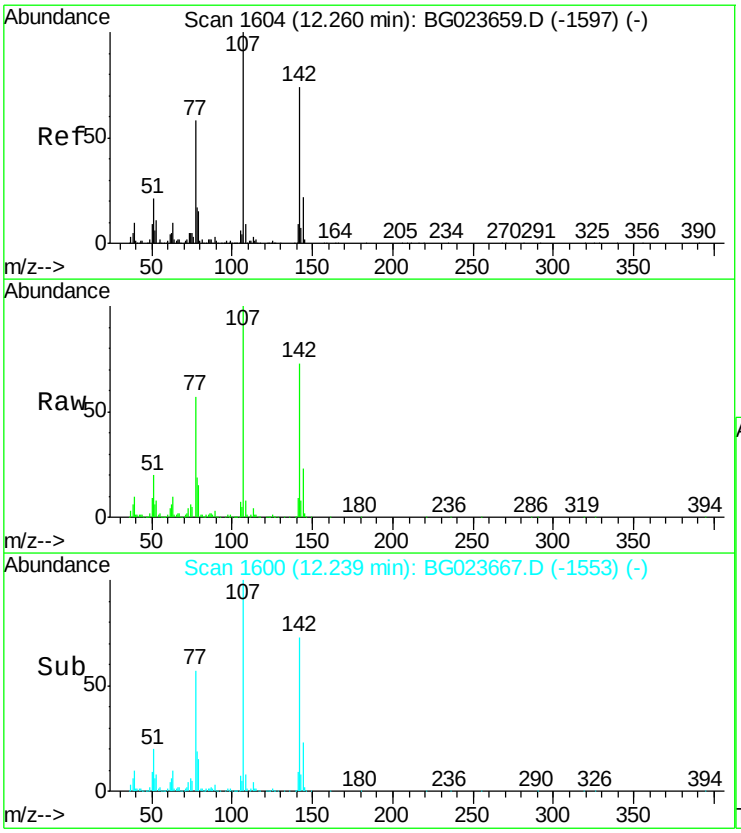
#15
N-Nitroso-di-n-propylamine
Concen: 21.11 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01MS

Tgt Ion: 70 Resp: 223723

Ion	Ratio	Lower	Upper
70	100		
42	50.0	31.4	47.2#
101	9.3	8.6	13.0
130	17.2	19.0	28.4#

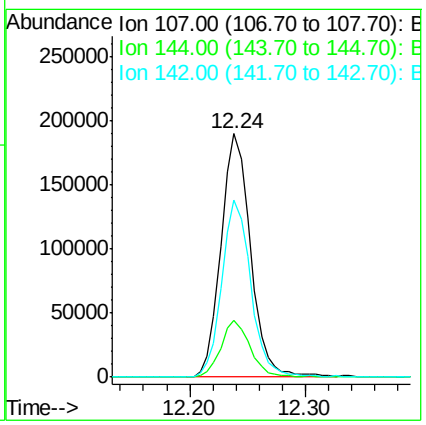


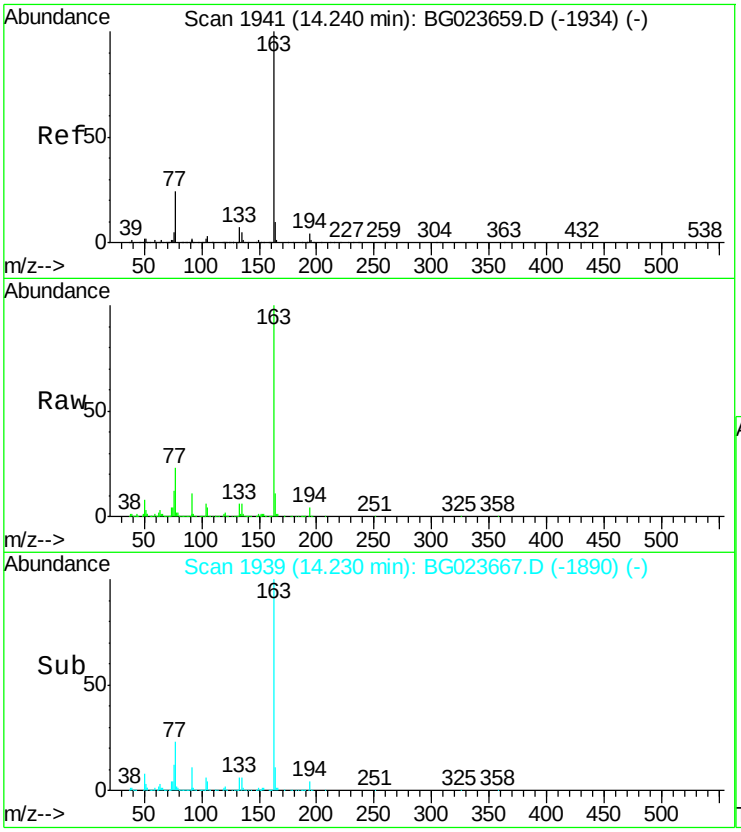


#33
4-Chloro-3-methylphenol
Concen: 23.30 ng/ul
RT: 12.24 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Tgt Ion:107 Resp: 337082

Ion	Ratio	Lower	Upper
107	100		
144	23.4	22.7	34.1
142	72.8	71.6	107.4



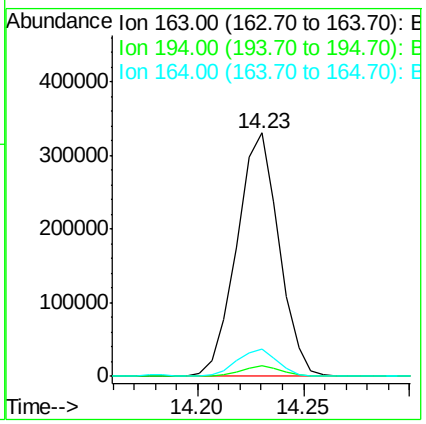


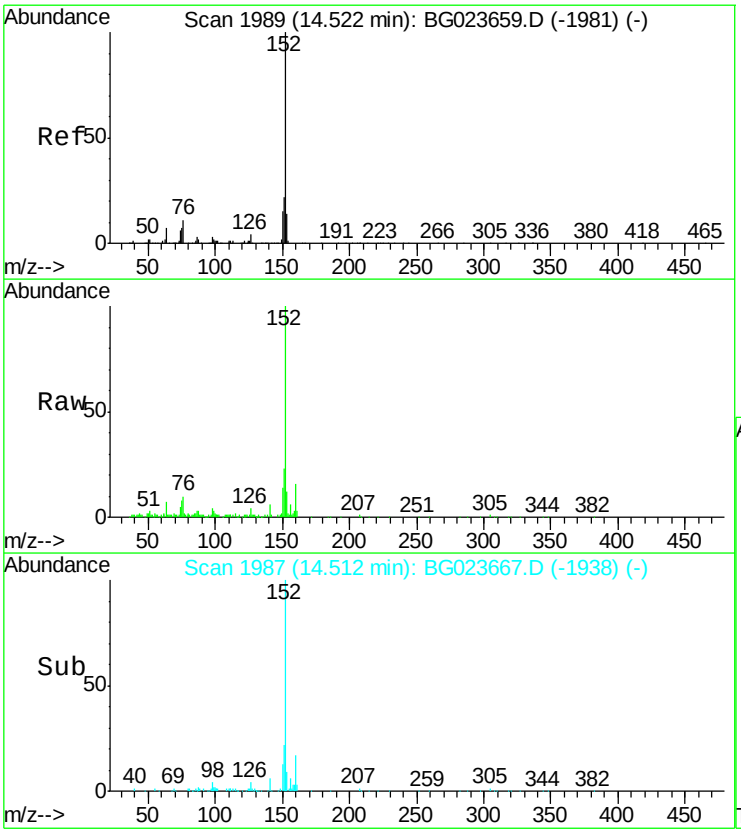
#44
Dimethylphthalate
Concen: 12.55 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01MS

Tgt Ion:163 Resp: 456649

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	11.0	8.8	13.2

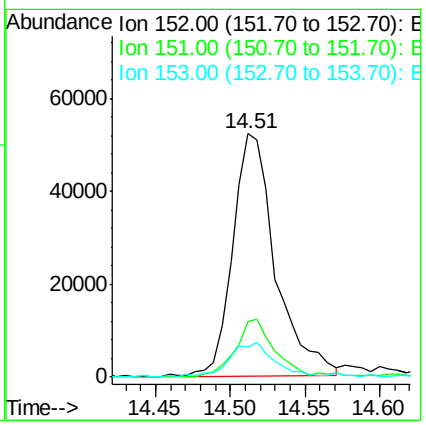


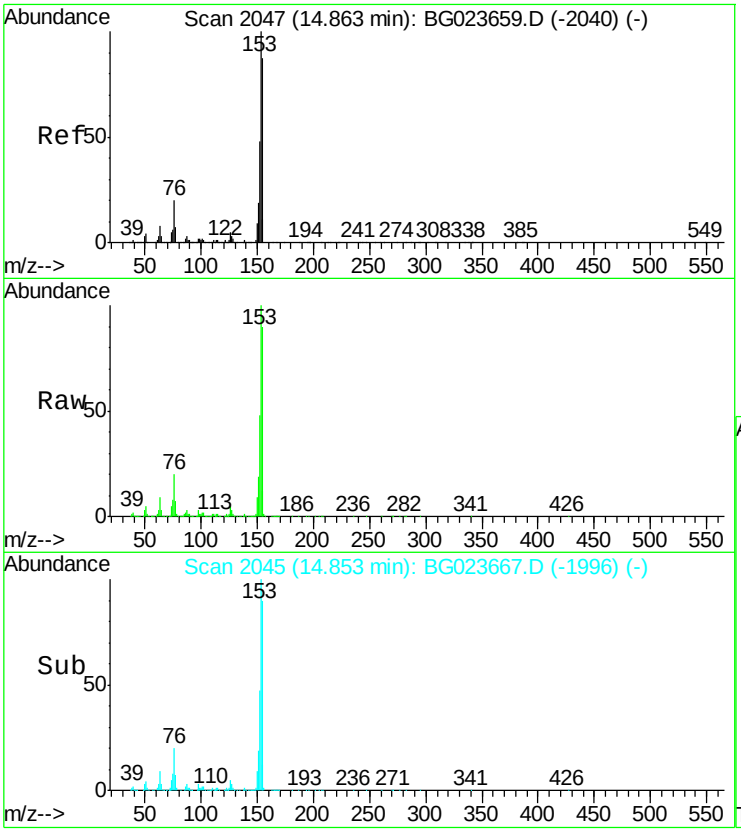


#47
Acenaphthylene
Concen: 2.41 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Tgt Ion:152 Resp: 104112

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.5	26.3
153	12.0	11.1	16.7



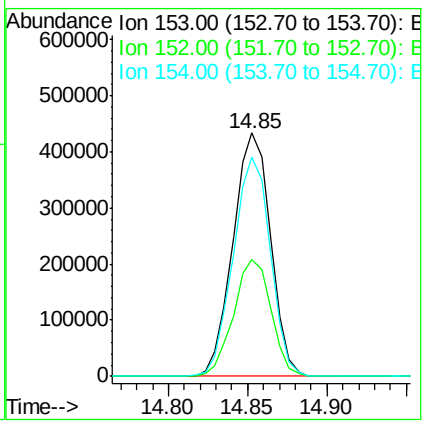


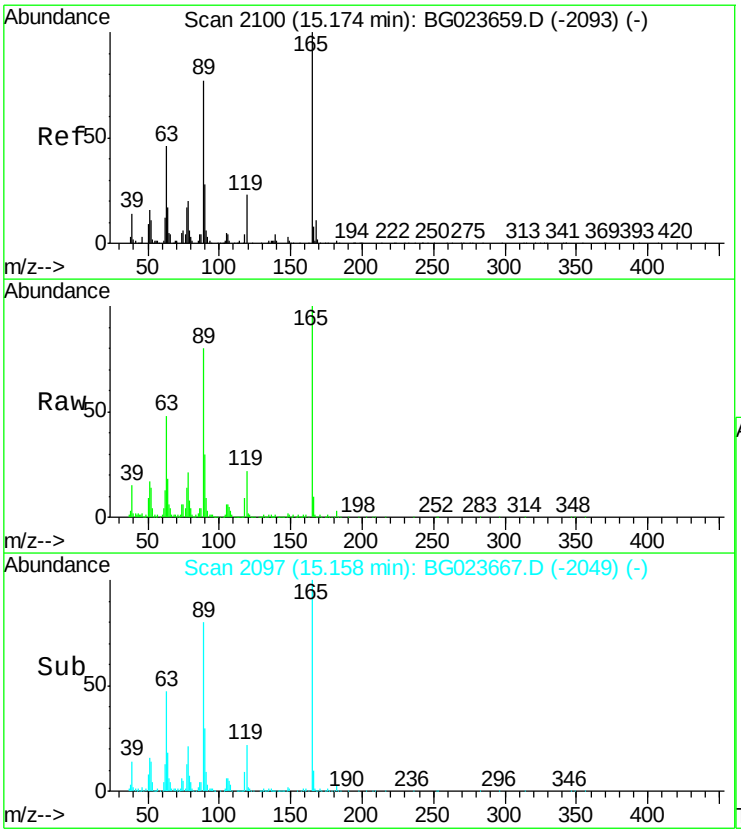
#49
Acenaphthene
Concen: 24.15 ng/ul
RT: 14.85 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01MS

Tgt Ion:153 Resp: 711746

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.3	55.9
154	89.9	68.2	102.2





#54
2,4-Dinitrotoluene
Concen: 23.39 ng/ul
RT: 15.16 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BG023667.D
Acq: 12 Aug 2016 22:13

Tgt Ion:165 Resp: 279526

Ion	Ratio	Lower	Upper
165	100		
63	47.9	25.7	38.5#
182	2.9	2.1	3.1