Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 06:39:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	106955	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	436004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	344327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	657349	20.00	ng/ul	0.01
75) Chrysene-d12	21.89	240	825336	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	847846	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	17194	8.30	ng/uL	0.00
5) Phenol-d5	7.39	99	288332	31.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	208859	36.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	210221	32.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	230241	29.86	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	113648	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	121674	31.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	226691	30.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	707843	97.30	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	719205	30.37	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	855292	32.97	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	140141	34.43	ng/ul	0.03
57) Fluorene-d10	15.85	176	826230	37.06	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	136518	33.59	ng/ul	0.01
70) Anthracene-d10	17.70	188	971683	35.02	ng/ul	0.00
76) Pyrene-d10	19.97	212	1114374	32.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1180071	34.35	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	38288	5.51	ng/ul#	1
6) Phenol	7.41	94	125028	13.20	ng/ul#	89
11) 2-Methylphenol	8.67	108	299747	42.99	ng/ul	91
14) Acetophenone	9.03	105	241182	20.55	ng/ul#	53
16) 4-Methylphenol	9.01	108	743976	95.90	ng/ul	88
17) Hexachloroethane	9.34	117	66748	23.23	ng/ul#	1
20) Nitrobenzene	9.43	77	23398	2.47	ng/ul#	18
24) 2,4-Dimethylphenol	10.22	107	646596	72.42	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.49	93	64049	7.00	ng/ul#	1
27) 2,4-Dichlorophenol	10.69	162	255832	35.59	ng/ul#	29
28) Naphthalene	11.12	128	2373611	117.11	ng/ul#	95
34) 2-Methylnaphthalene	12.72	142	4034510	252.25	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	1009630	48.36	ng/ul	99
42) 2-Nitroaniline	13.97	65	15891	2.44	ng/ul#	47
44) Dimethylphthalate	14.31	163	474775	20.40	ng/ul	99
47) Acenaphthylene	14.59	152	103014	4.08	ng/ul#	1
49) Acenaphthene	14.93	153	261193	15.12	ng/ul#	84
52) 4-Nitrophenol	15.08	109	7876	1.61	ng/ul#	1
53) Dibenzofuran	15.26	168	633932	23.20	ng/ul	100
54) 2,4-Dinitrotoluene	15.21	165	8823	1.17	ng/ul#	24
58) Fluorene	15.91	166	656173	29.49	ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	122254	7.23	ng/ul#	55
67) Atrazine	17.02	200	22316	2.78	ng/ul#	4

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 06:39:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Phenanthrene	17.65	178	286819	9.14	ng/ul#	95
71) Anthracene	17.74	178	70688	2.19	ng/ul#	92
74) Fluoranthene	19.64	202	43309	1.16	ng/ul#	87
77) Pyrene	20.01	202	49041	1.24	ng/ul#	94

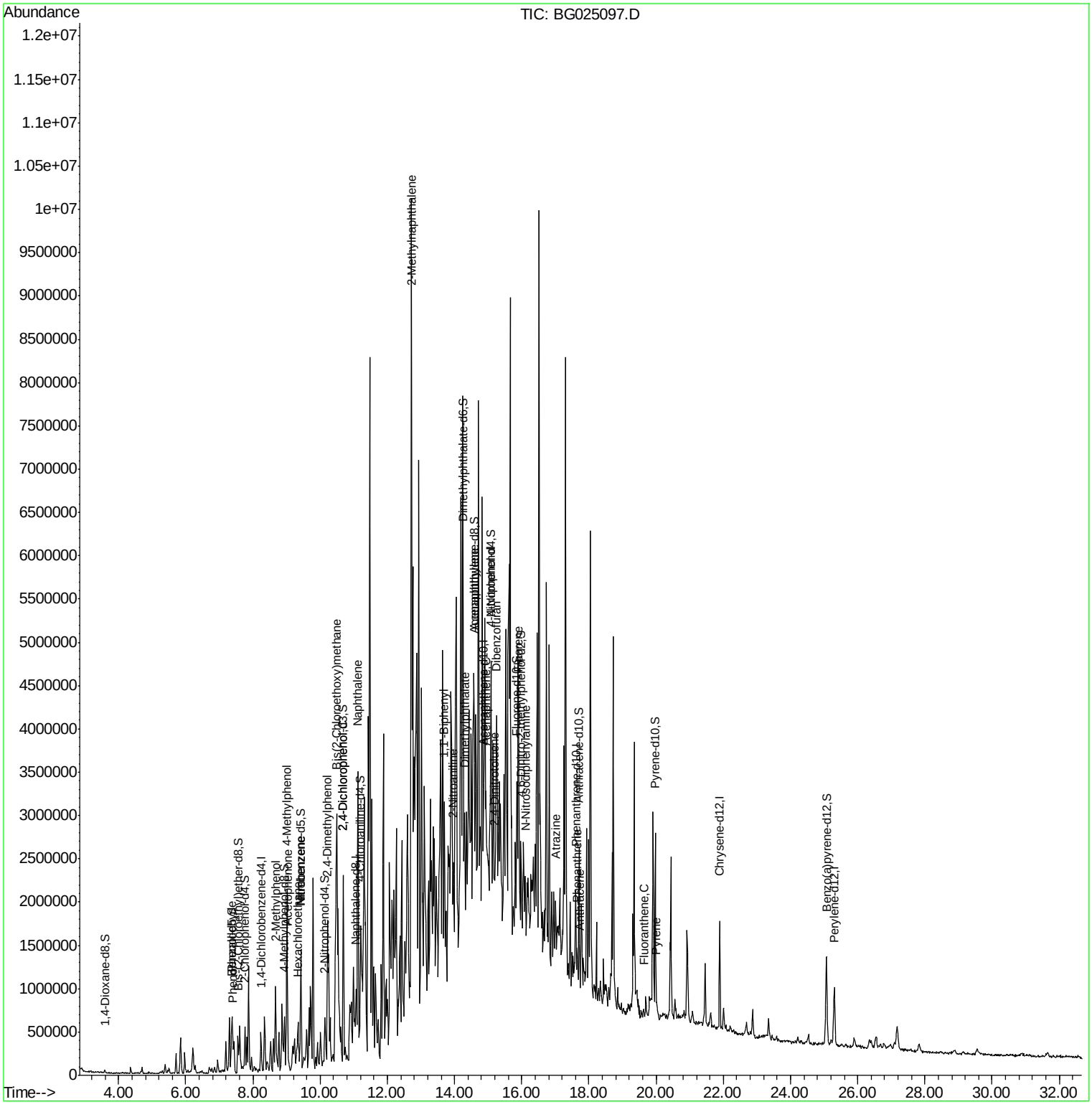
(#) = qualifier out of range (m) = manual integration (+) = signals summed

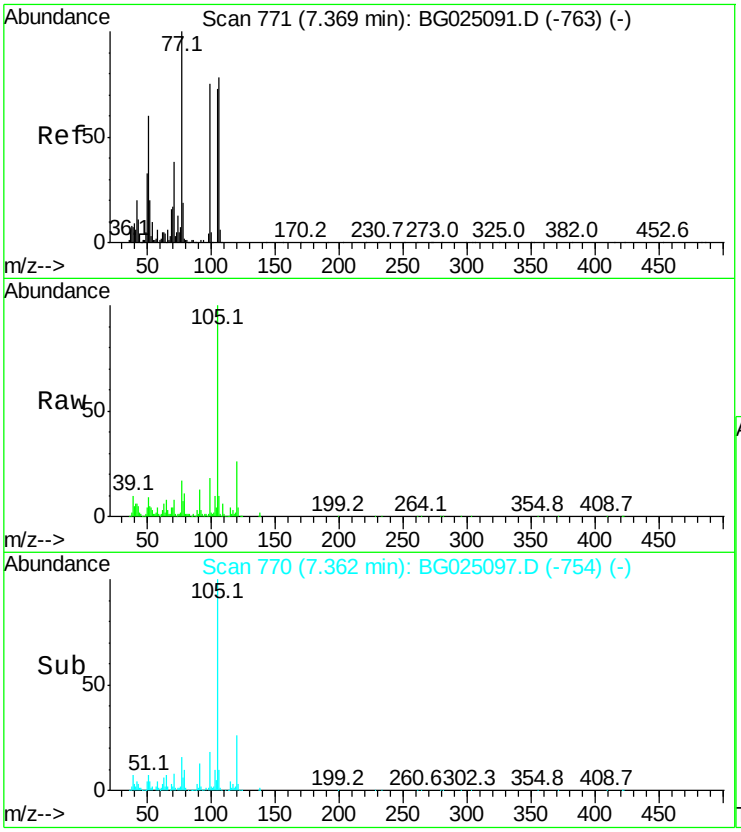
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 06:39:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration



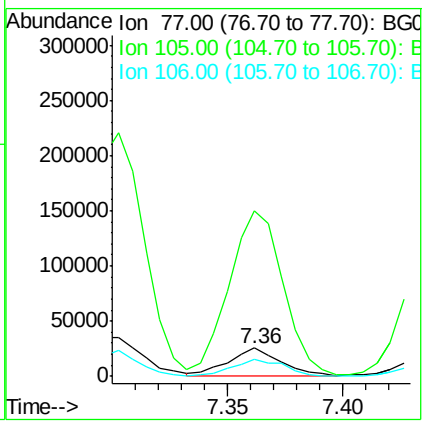


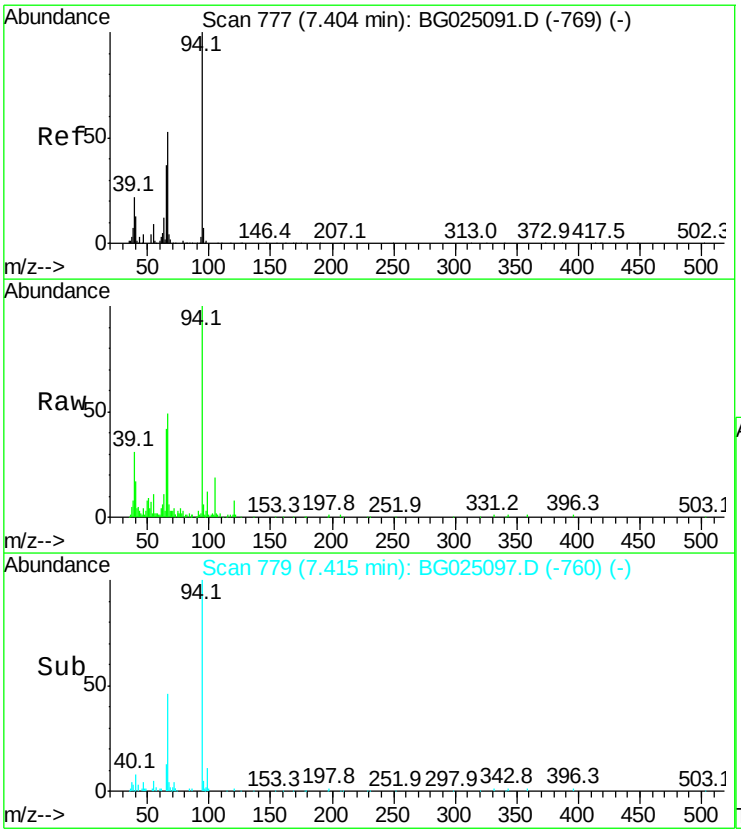
#4
Benzaldehyde
Concen: 5.51 ng/ul
RT: 7.36 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 38288

Ion	Ratio	Lower	Upper
77	100		
105	589.1	62.0	93.0#
106	59.7	60.2	90.4#

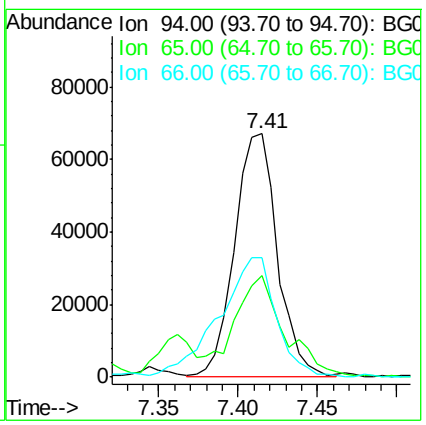


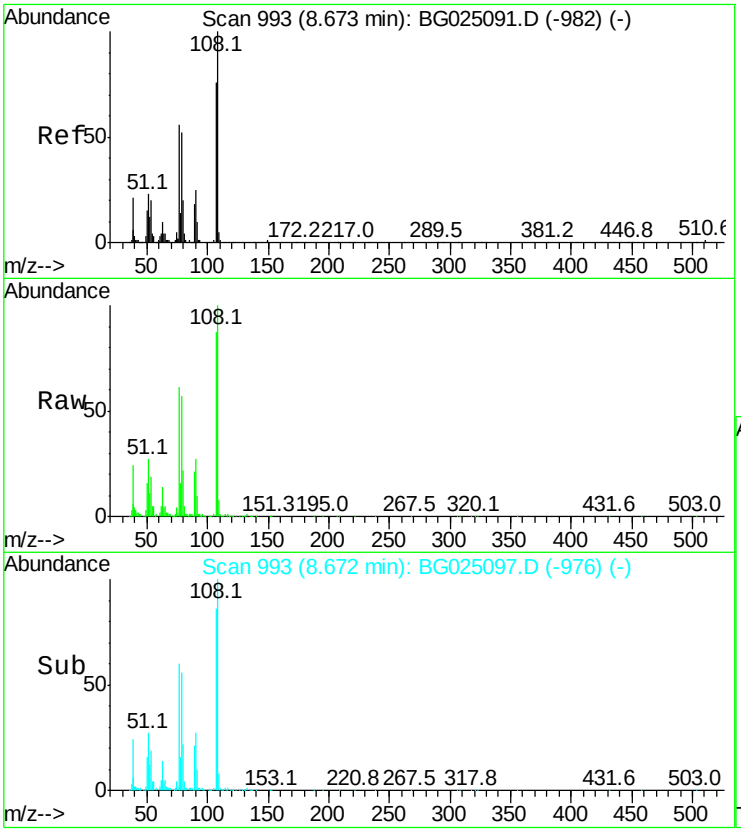


#6
Phenol
Concen: 13.20 ng/ul
RT: 7.41 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion: 94 Resp: 125028

Ion	Ratio	Lower	Upper
94	100		
65	41.9	26.8	40.2#
66	49.1	44.4	66.6



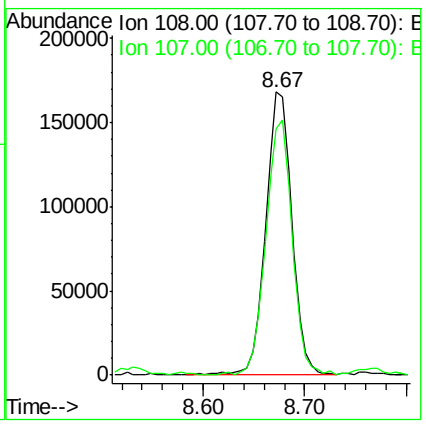


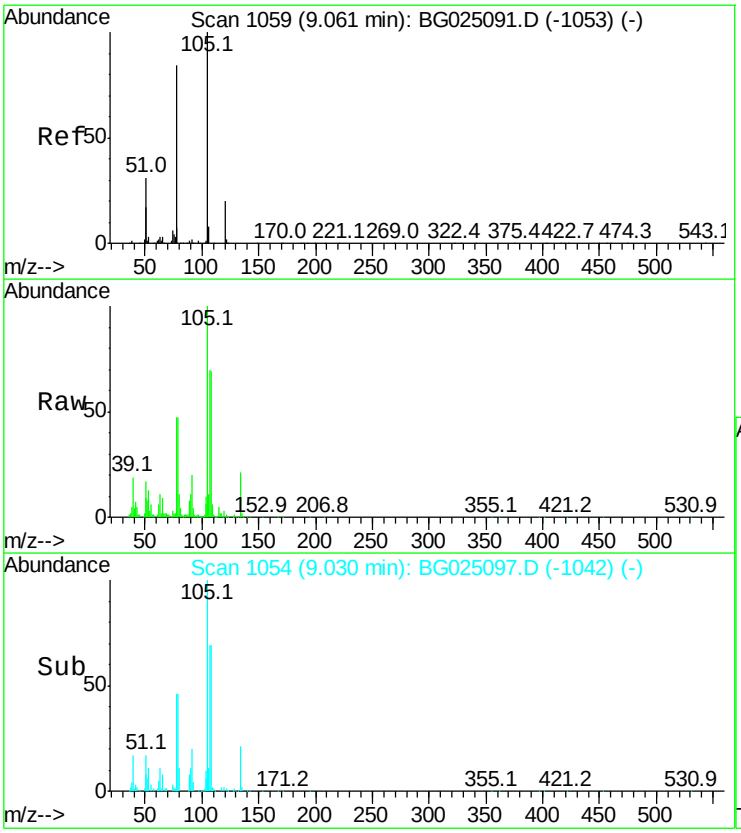
#11
2-Methylphenol
Concen: 42.99 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 299747

Ion	Ratio	Lower	Upper
108	100		
107	86.8	76.7	115.1

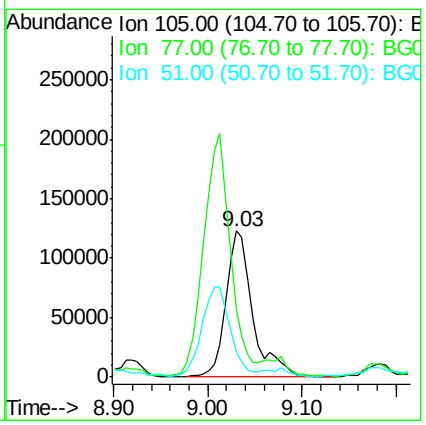


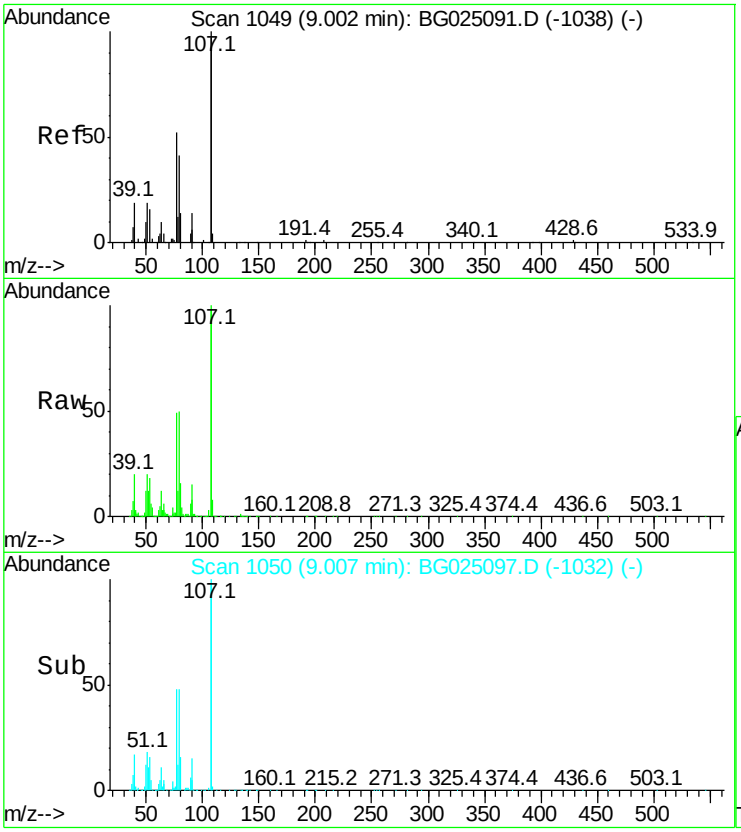


#14
Acetophenone
Concen: 20.55 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:105 Resp: 241182

Ion	Ratio	Lower	Upper
105	100		
77	46.8	76.0	114.0#
51	17.3	34.8	52.2#



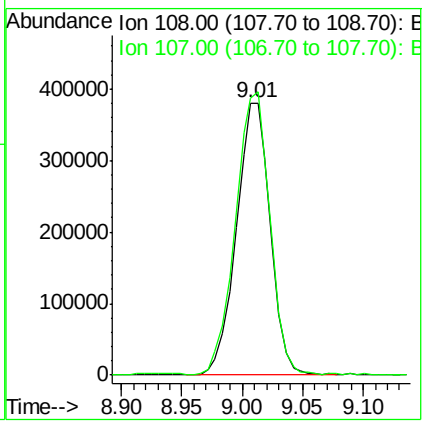


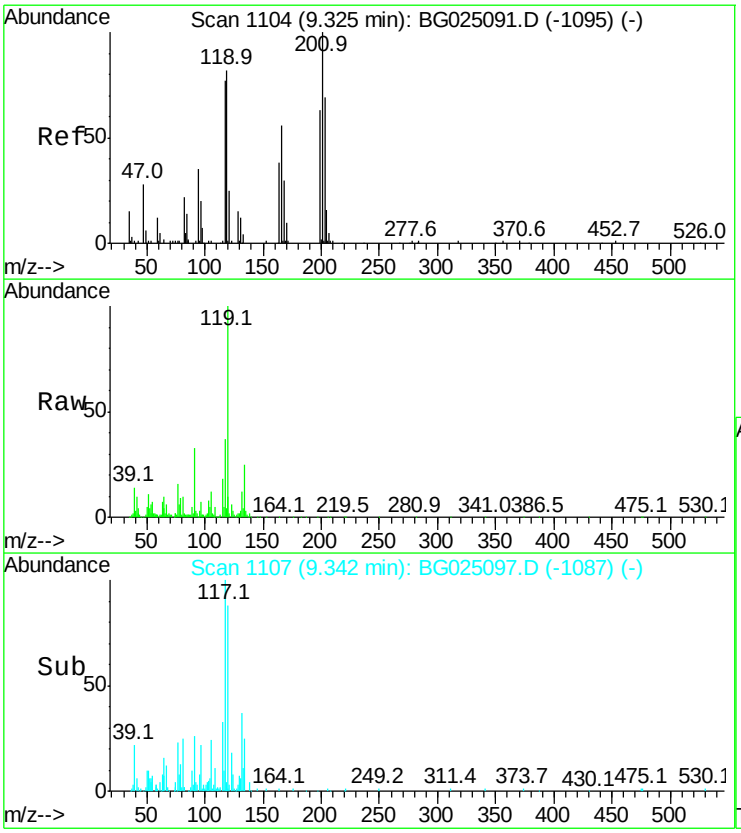
#16
4-Methylphenol
Concen: 95.90 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 743976

Ion	Ratio	Lower	Upper
108	100		
107	101.7	91.7	137.5

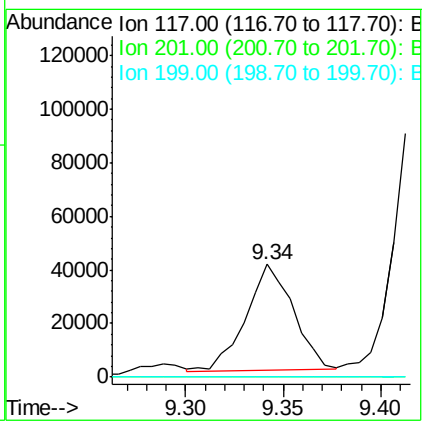


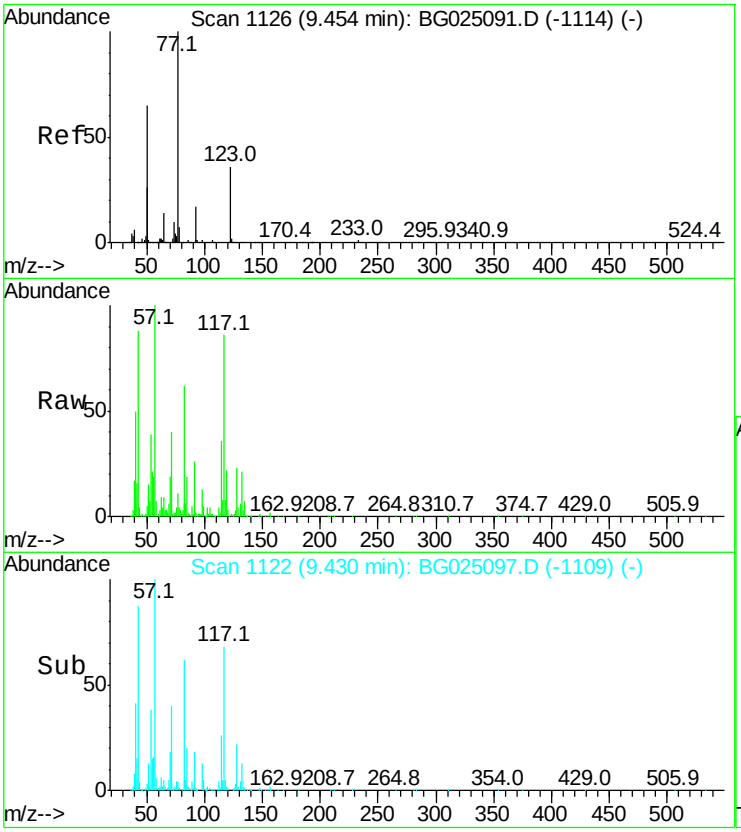


#17
Hexachloroethane
Concen: 23.23 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:117 Resp: 66748

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#



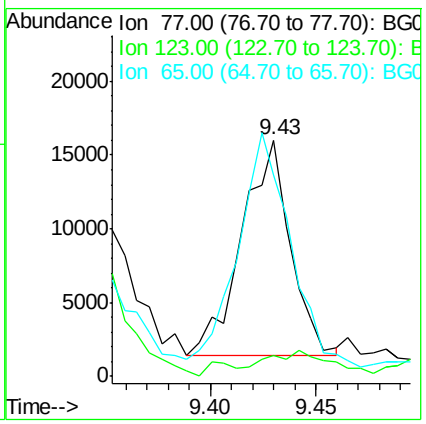


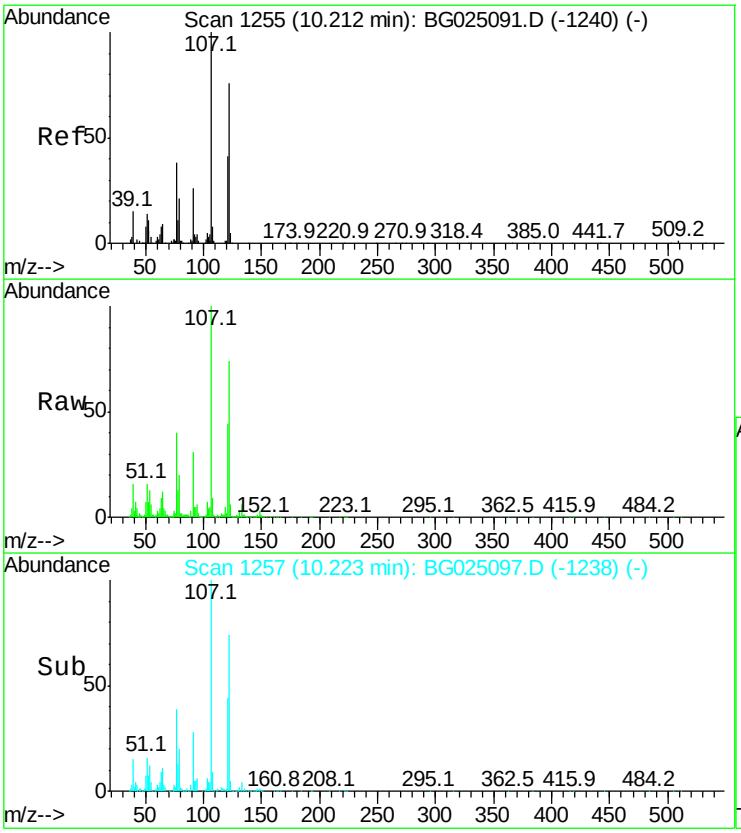
#20
Nitrobenzene
Concen: 2.47 ng/ul
RT: 9.43 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 23398

Ion	Ratio	Lower	Upper
77	100		
123	8.7	27.4	41.0#
65	85.3	13.3	19.9#

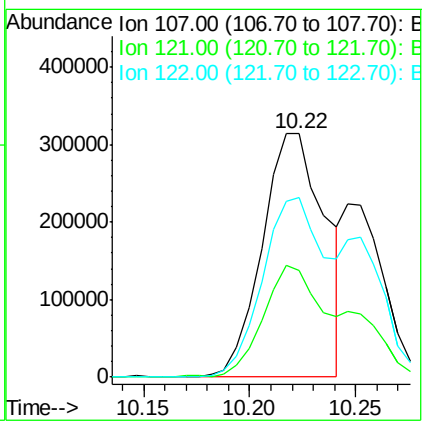


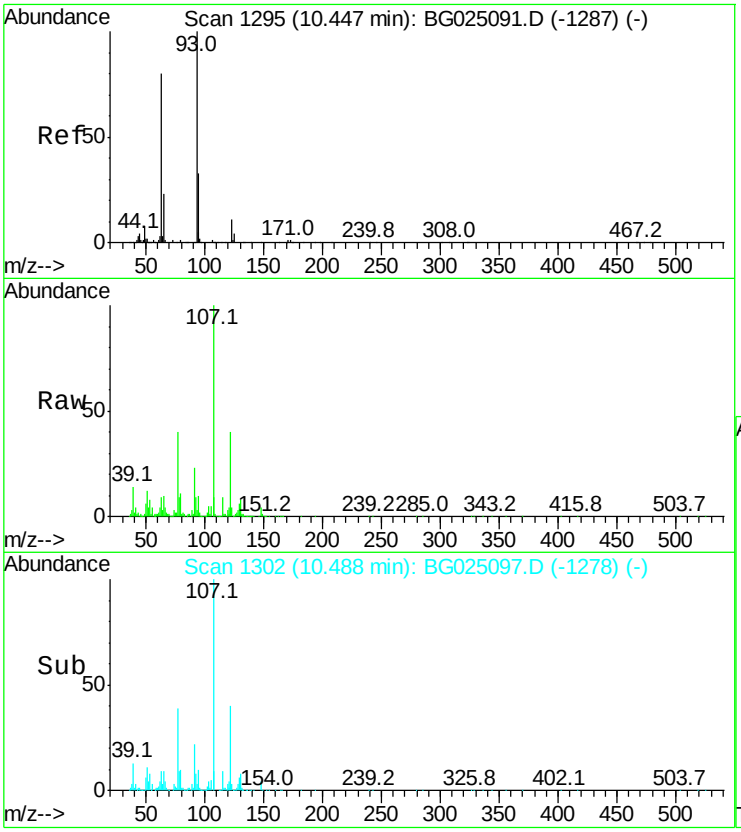


#24
2,4-Dimethylphenol
Concen: 72.42 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:107 Resp: 646596

Ion	Ratio	Lower	Upper
107	100		
121	43.7	32.3	48.5
122	73.9	61.2	91.8



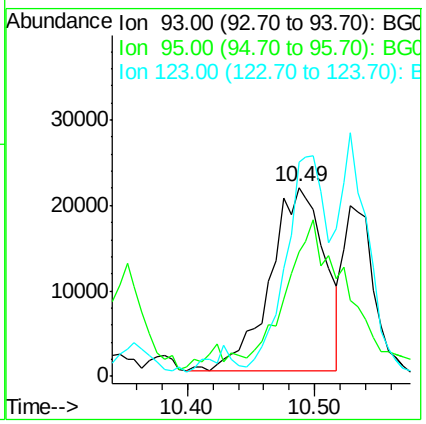


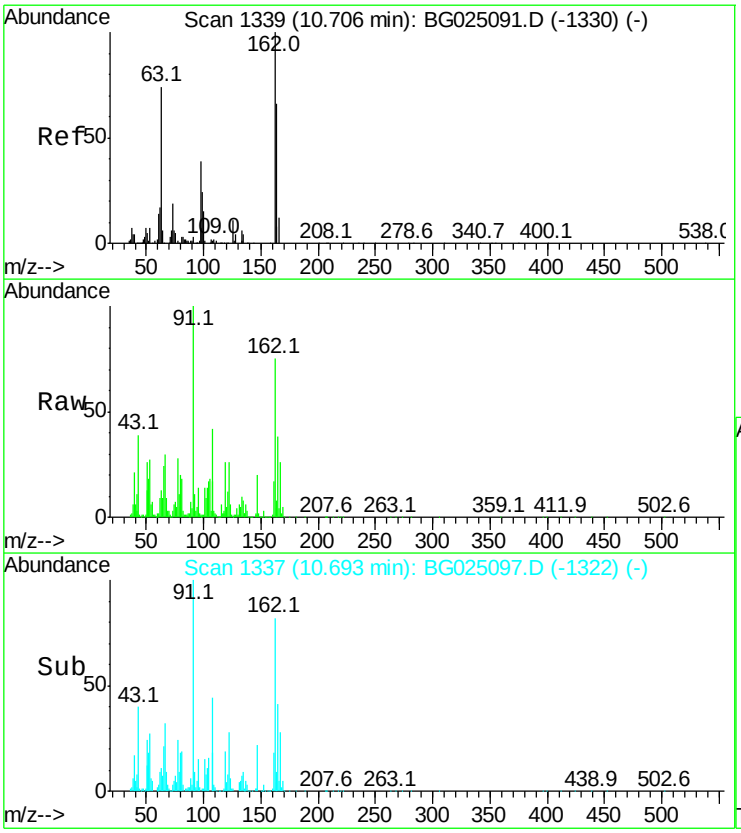
#25
Bis(2-Chloroethoxy)methane
Concen: 7.00 ng/ul
RT: 10.49 min Scan# 1302
Delta R.T. 0.04 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 64049

Ion	Ratio	Lower	Upper
93	100		
95	65.8	23.4	35.0#
123	113.2	7.8	11.6#

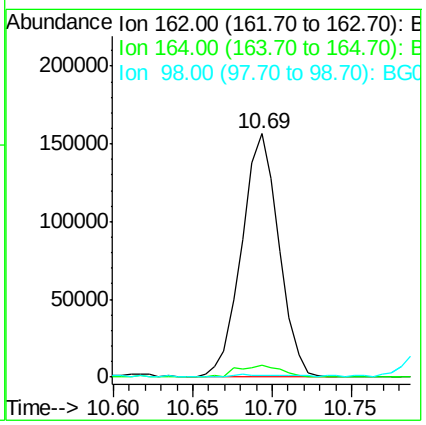


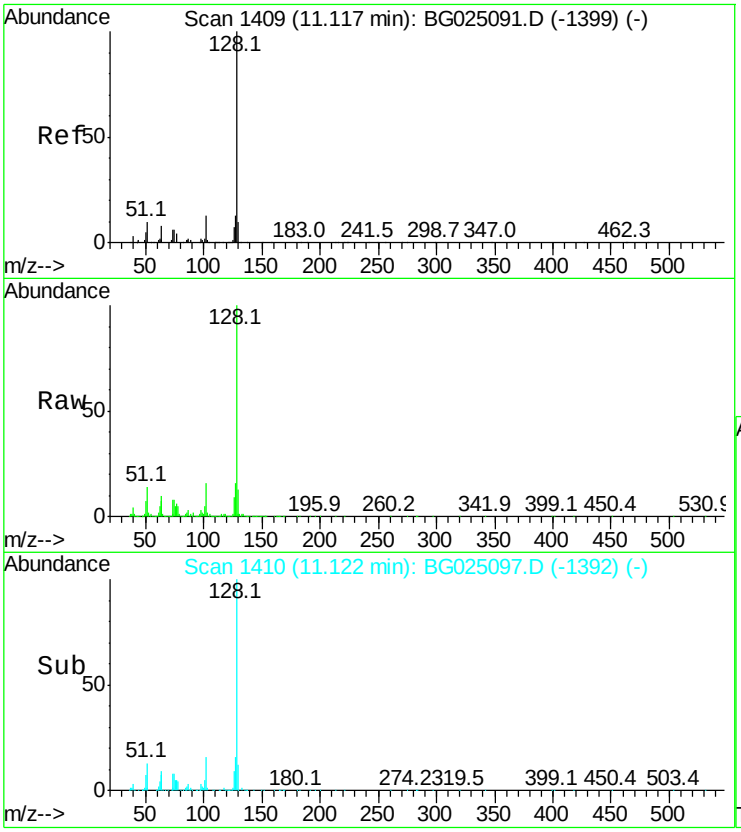


#27
2,4-Dichlorophenol
Concen: 35.59 ng/ul
RT: 10.69 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:162 Resp: 255832

Ion	Ratio	Lower	Upper
162	100		
164	4.9	50.8	76.2#
98	0.5	32.1	48.1#



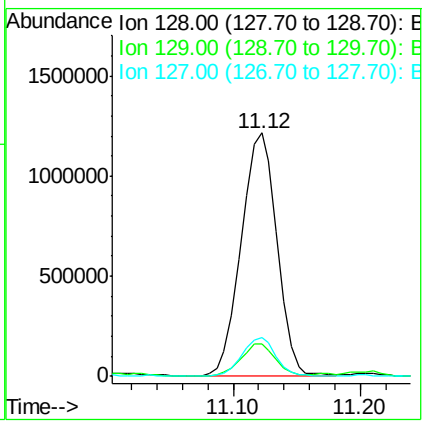


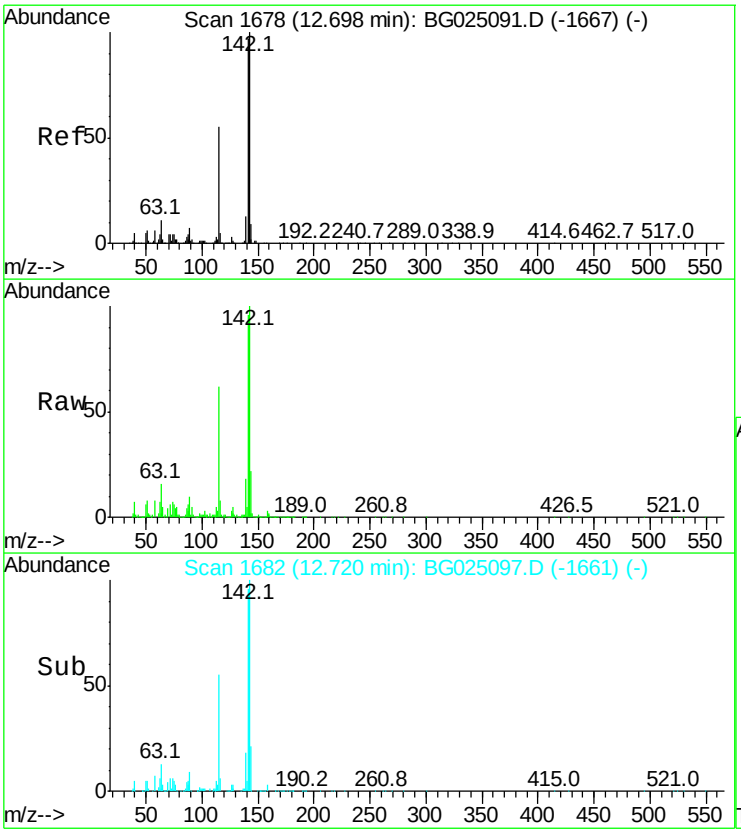
#28
Naphthalene
Concen: 117.11 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 2373611

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.4	14.2
127	15.8	10.3	15.5#

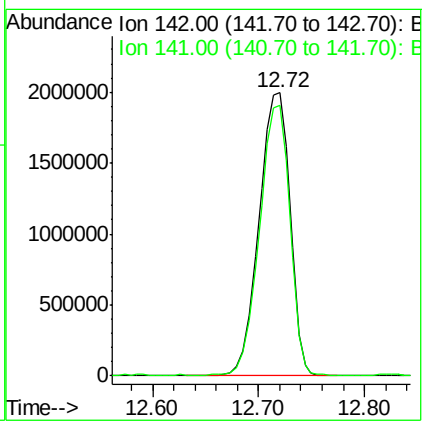


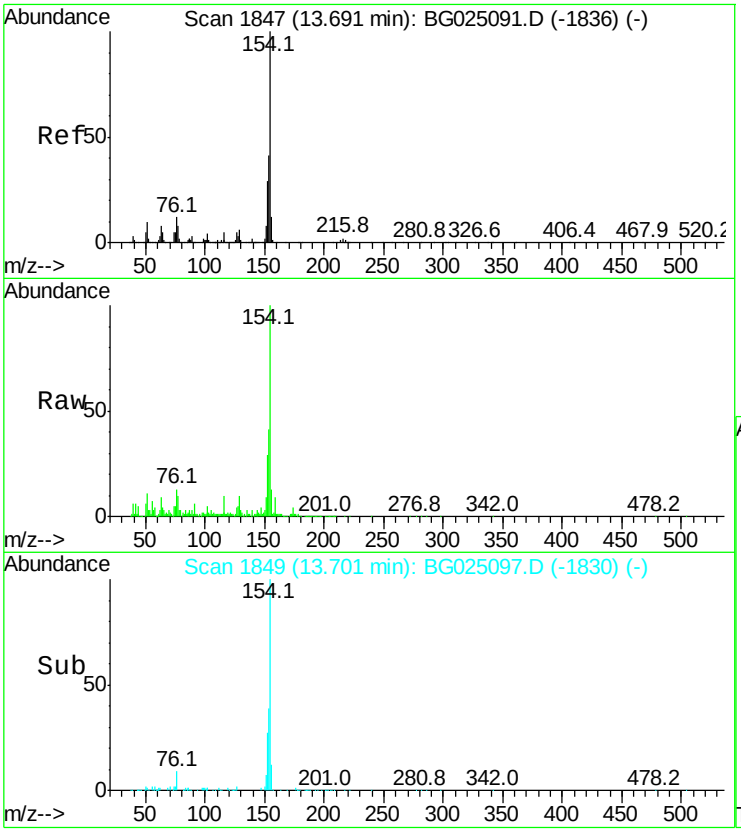


#34
2-Methylnaphthalene
Concen: 252.25 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.02 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:142 Resp: 4034510

Ion	Ratio	Lower	Upper
142	100		
141	95.8	68.6	102.8



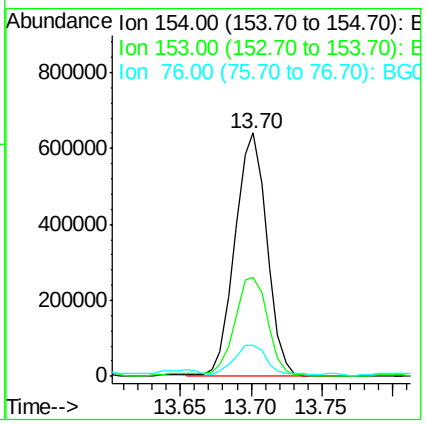


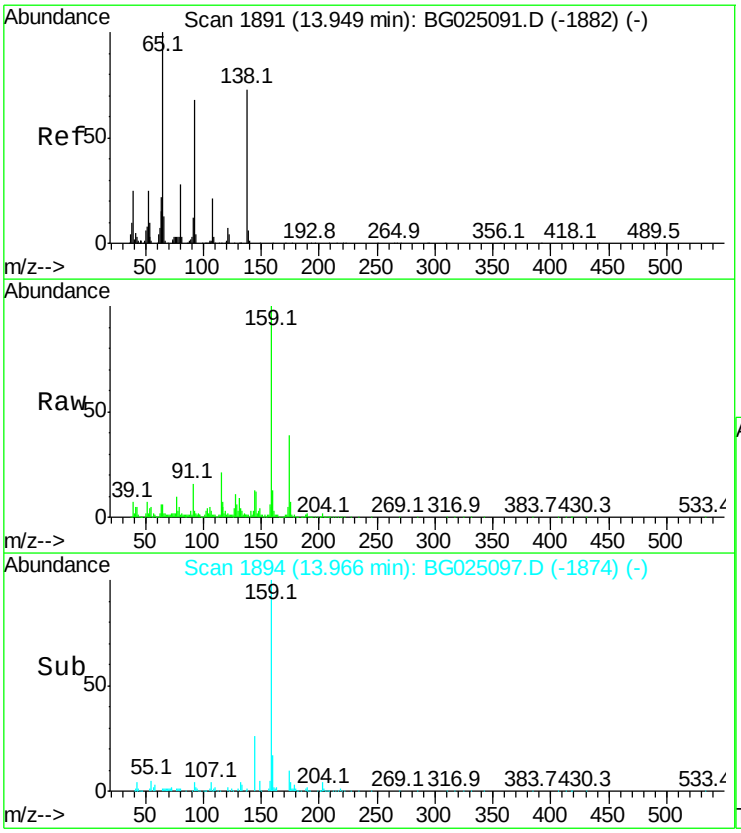
#40
1,1'-Biphenyl
Concen: 48.36 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 1009630

Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.2	48.2
76	13.0	9.6	14.4

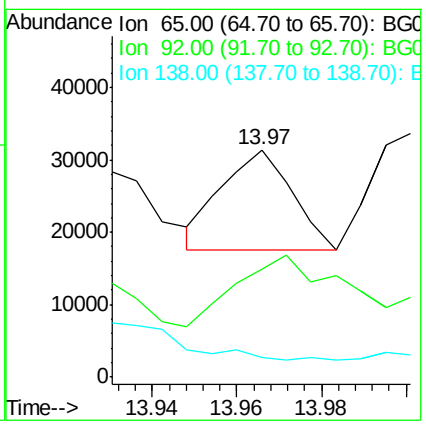


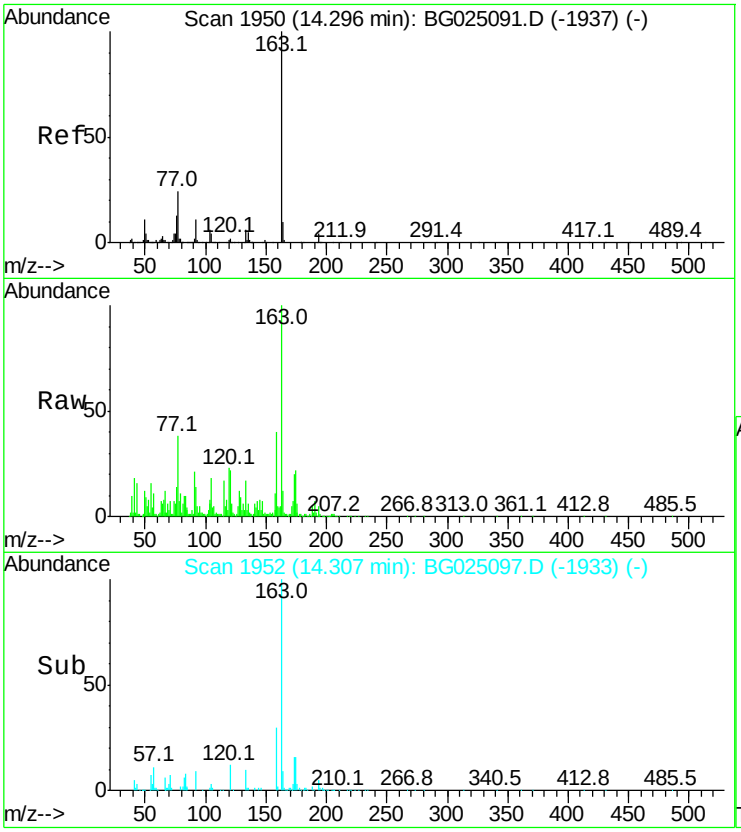


#42
2-Nitroaniline
Concen: 2.44 ng/ul
RT: 13.97 min Scan# 1894
Delta R.T. 0.02 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion: 65 Resp: 15891

Ion	Ratio	Lower	Upper
65	100		
92	47.8	50.9	76.3#
138	8.4	61.8	92.6#



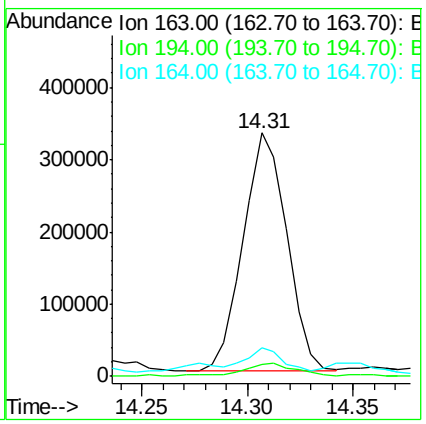


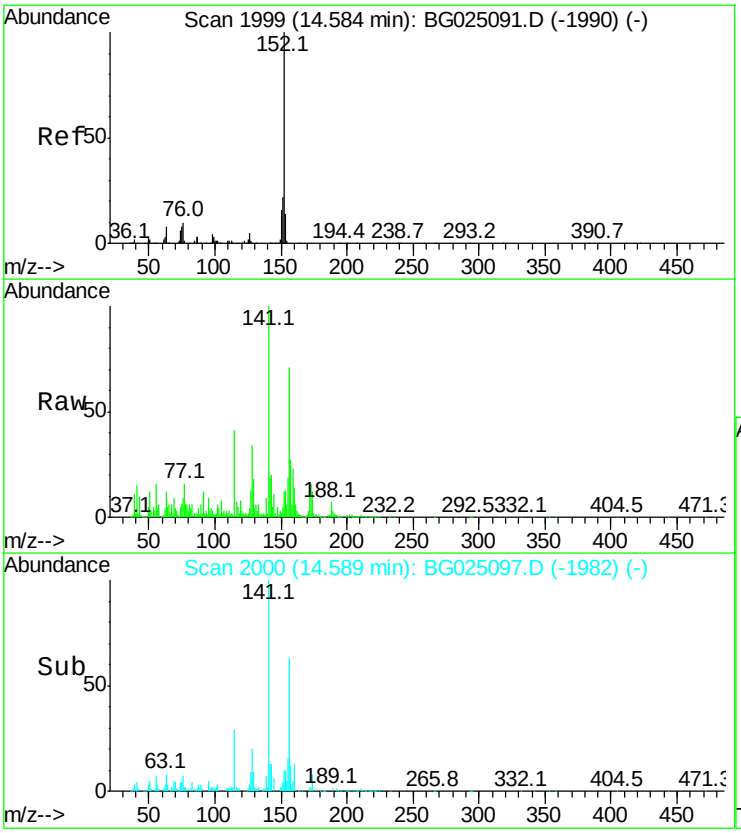
#44
Dimethylphthalate
Concen: 20.40 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 474775

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	11.5	9.0	13.4

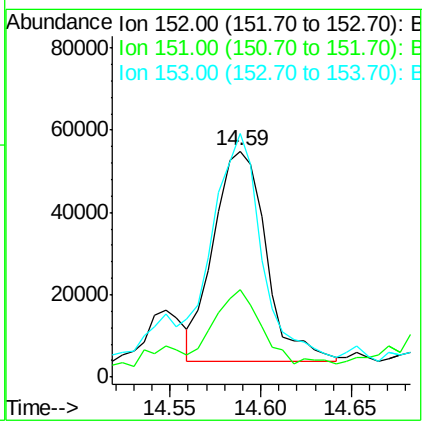


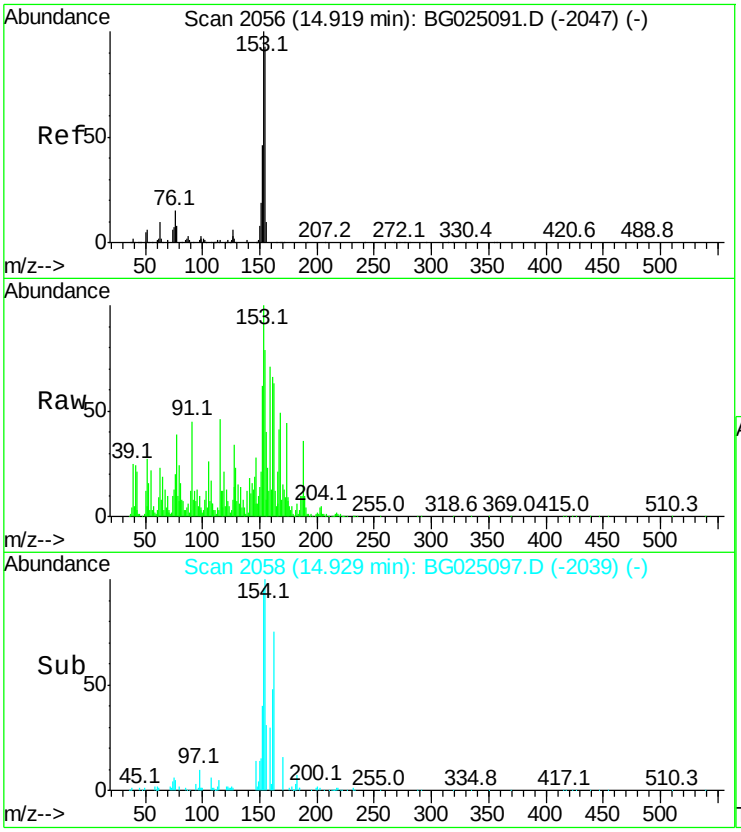


#47
Acenaphthylene
Concen: 4.08 ng/ul
RT: 14.59 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:152 Resp: 103014

Ion	Ratio	Lower	Upper
152	100		
151	38.8	16.7	25.1#
153	107.8	11.4	17.2#



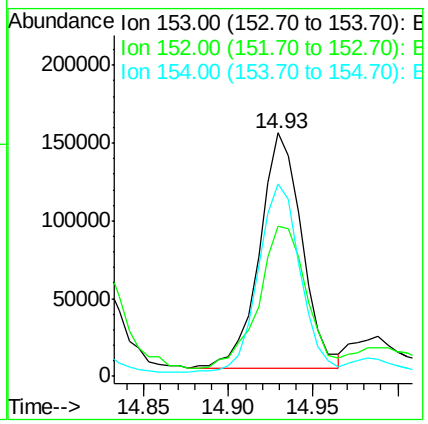


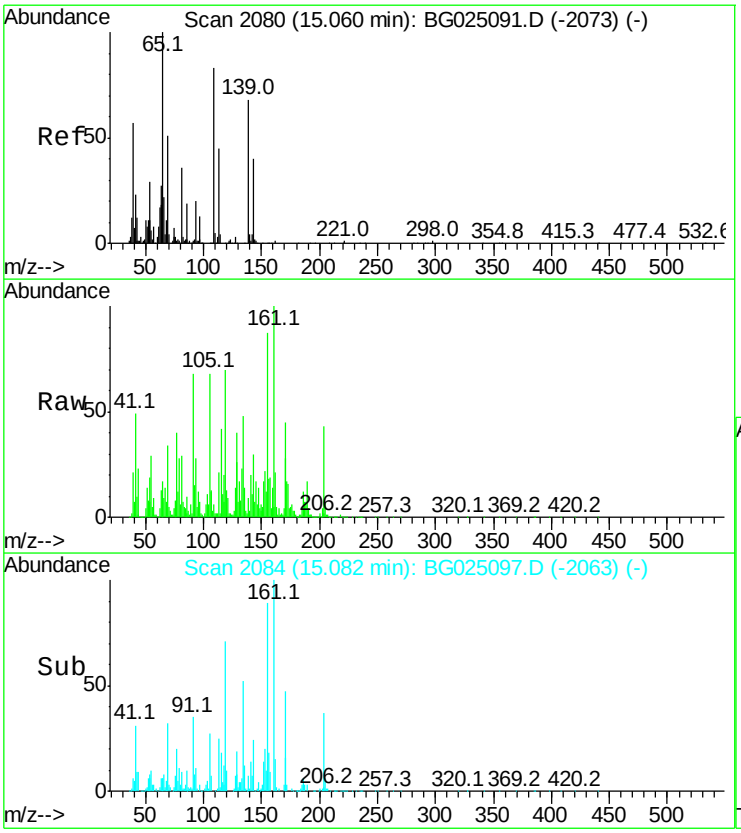
#49
Acenaphthene
Concen: 15.12 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 261193

Ion	Ratio	Lower	Upper
153	100		
152	61.6	36.5	54.7#
154	79.0	72.3	108.5

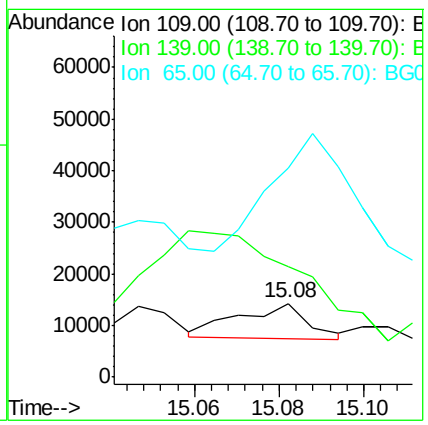


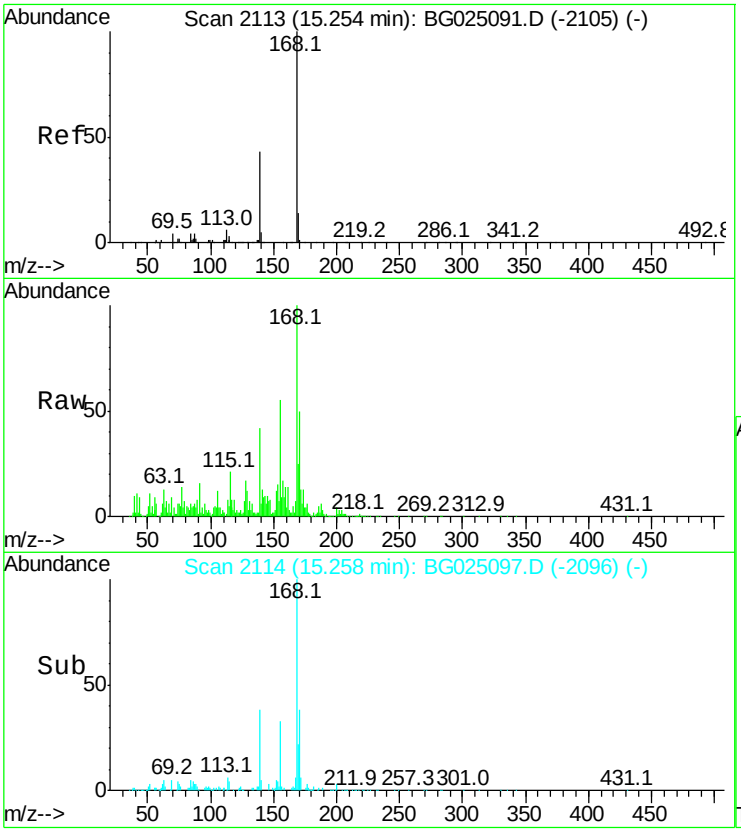


#52
4-Nitrophenol
Concen: 1.61 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. 0.02 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:109 Resp: 7876

Ion	Ratio	Lower	Upper
109	100		
139	149.1	62.6	93.8#
65	282.8	90.4	135.6#



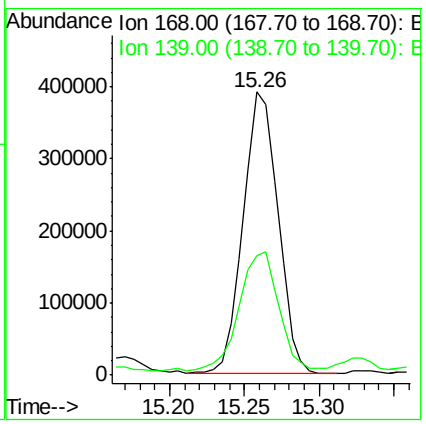


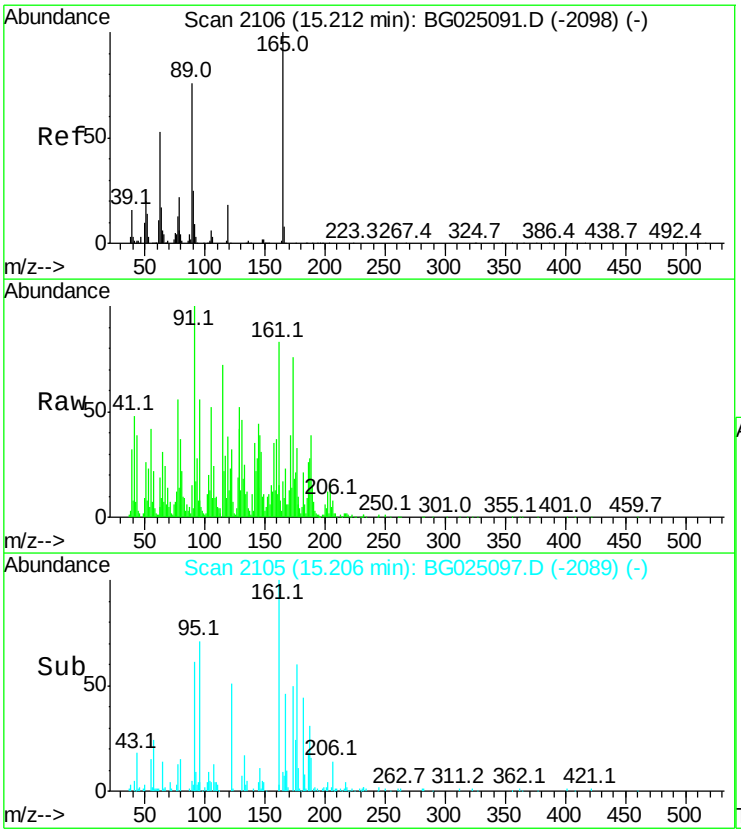
#53
Dibenzofuran
Concen: 23.20 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 633932

Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.8	50.8

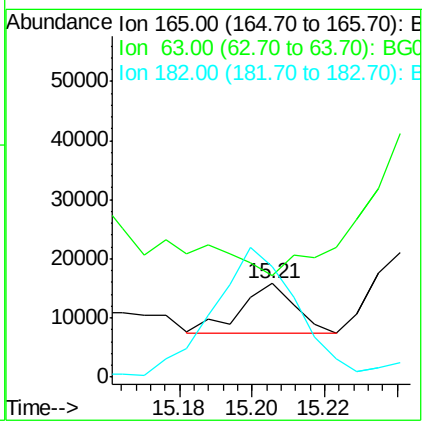


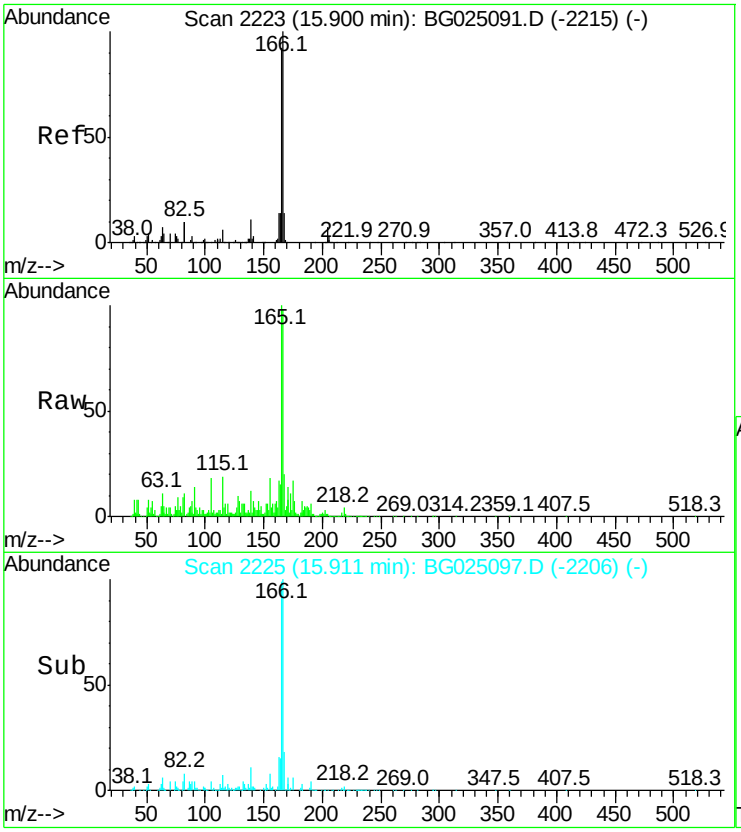


#54
2,4-Dinitrotoluene
Concen: 1.17 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:165 Resp: 8823

Ion	Ratio	Lower	Upper
165	100		
63	107.7	46.8	70.2#
182	118.4	1.8	2.6#



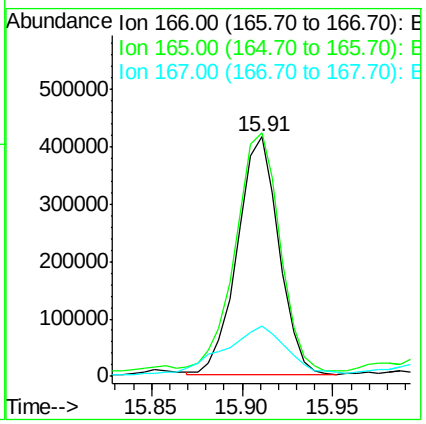


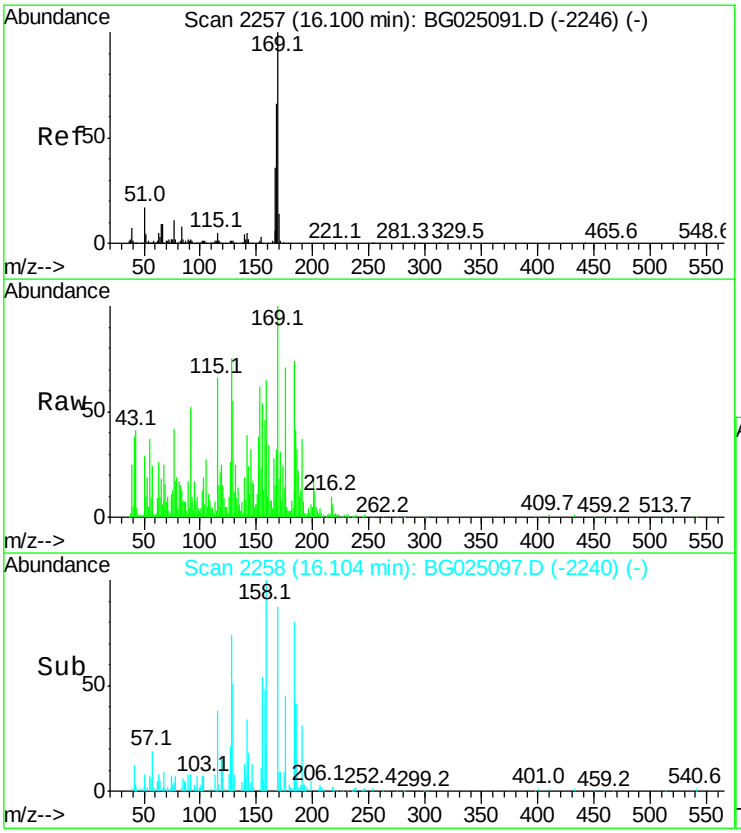
#58
Fluorene
Concen: 29.49 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 656173

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.7	119.5
167	20.8	11.4	17.2#

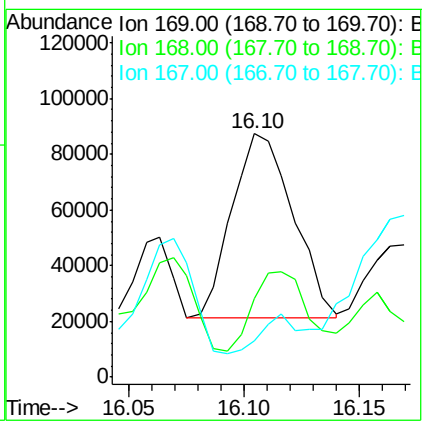


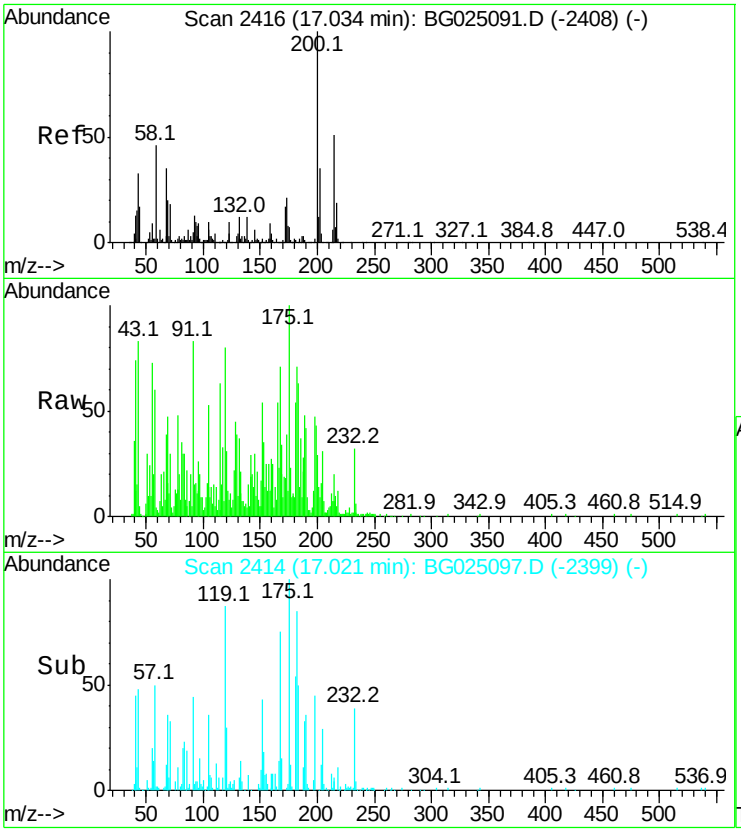


#64
N-Nitrosodiphenylamine
Concen: 7.23 ng/ul
RT: 16.10 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:169 Resp: 122254

Ion	Ratio	Lower	Upper
169	100		
168	32.1	59.1	88.7#
167	14.7	29.7	44.5#



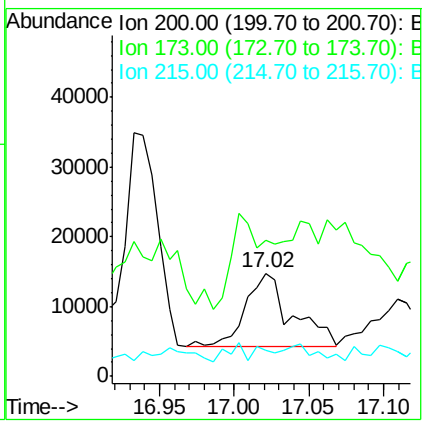


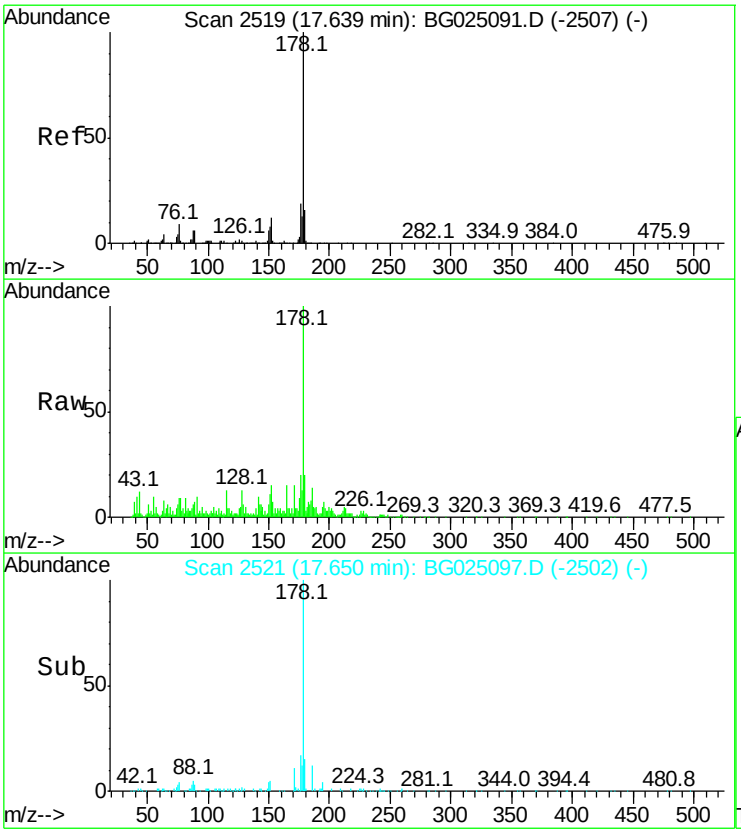
#67
Atrazine
Concen: 2.78 ng/ul
RT: 17.02 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 22316

Ion	Ratio	Lower	Upper
200	100		
173	132.3	19.2	28.8#
215	24.7	40.3	60.5#

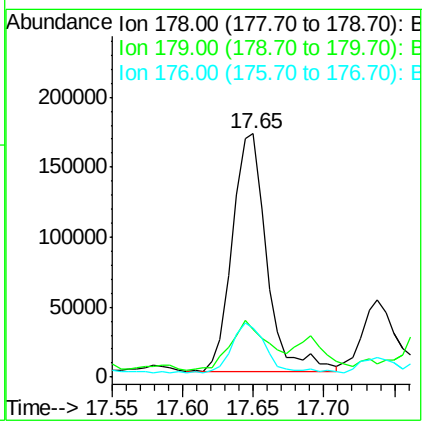


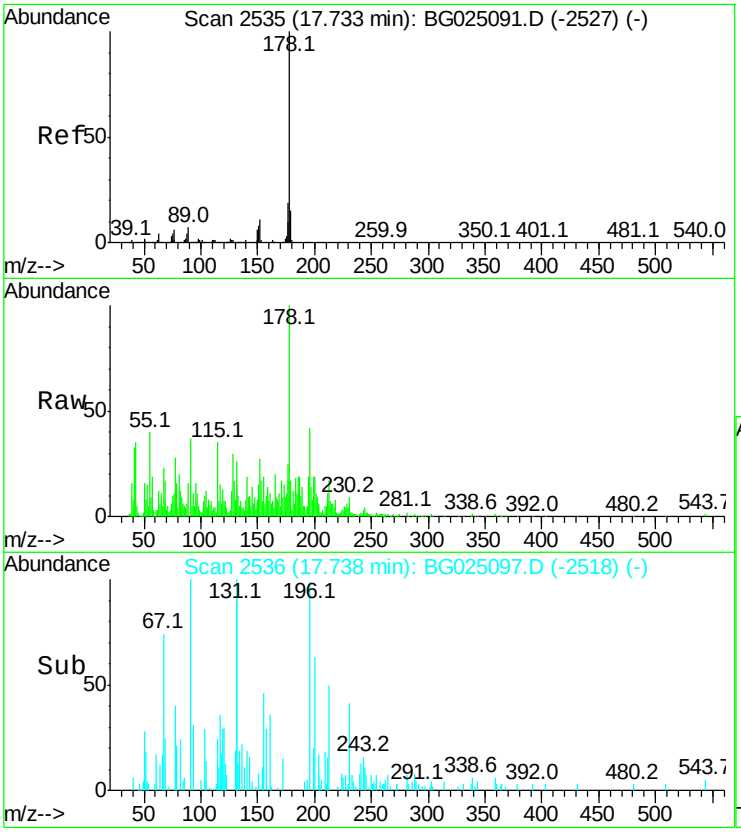


#69
Phenanthrene
Concen: 9.14 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:178 Resp: 286819

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.4	18.6#
176	20.2	16.5	24.7



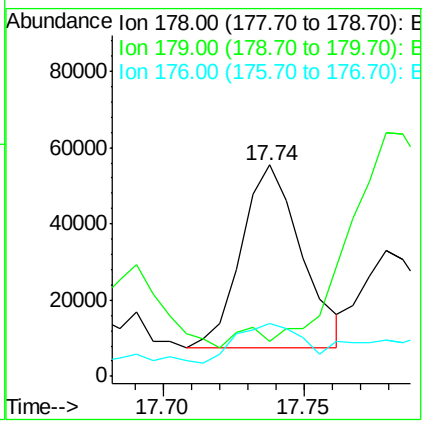


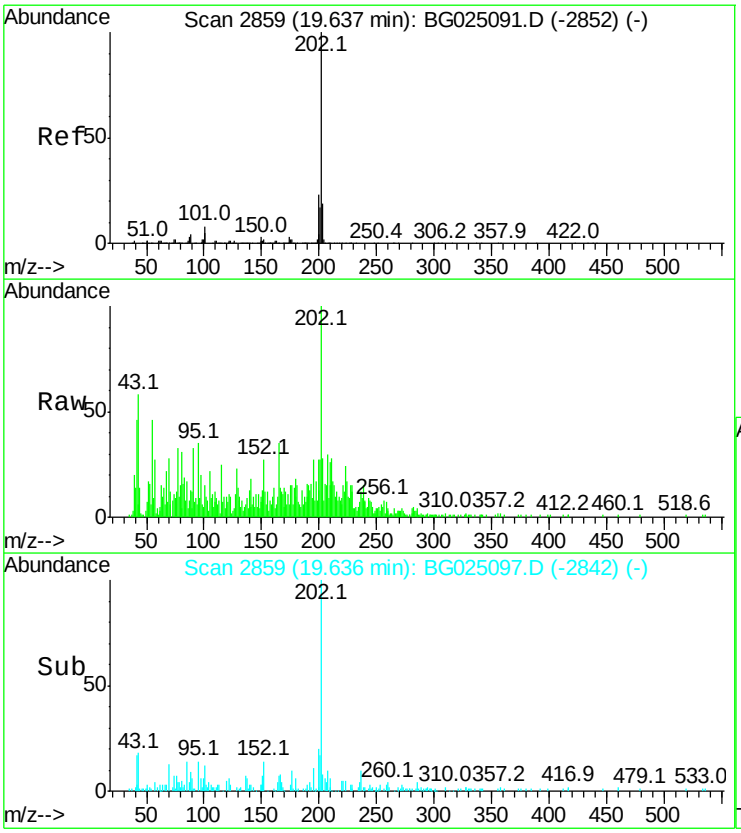
#71
Anthracene
Concen: 2.19 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 70688

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	25.3	15.9	23.9#

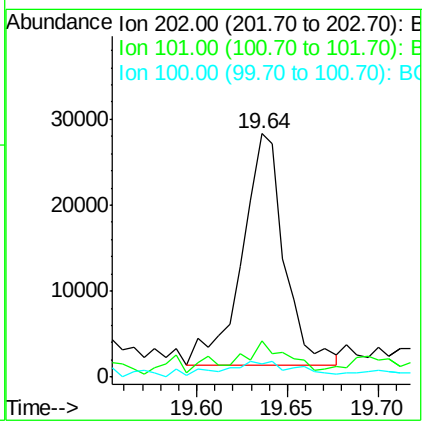


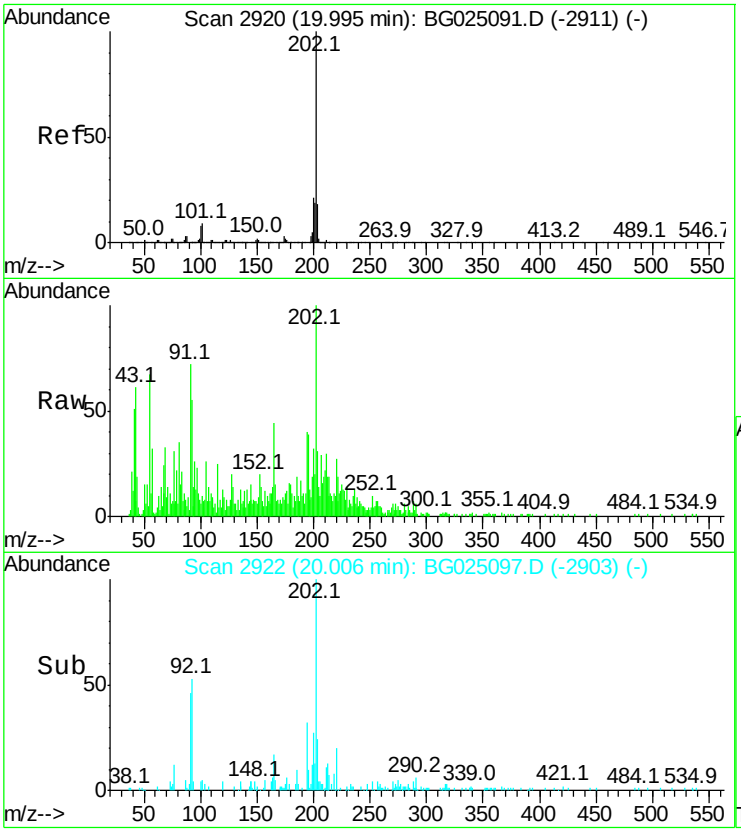


#74
Fluoranthene
Concen: 1.16 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Tgt Ion:202 Resp: 43309

Ion	Ratio	Lower	Upper
202	100		
101	14.9	6.2	9.2#
100	5.3	5.2	7.8





#77
Pyrene
Concen: 1.24 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BG025097.D
Acq: 11 Dec 2016 10:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 49041

Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.9	10.3
100	5.7	6.6	10.0#