Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025193.D
Acq On : 15 Dec 2016 2:12
Operator : UM/SJ
Sample : H5938-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840

Quant Time: Dec 15 05:01:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	82812	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	356812	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	284518	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	576189	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	713210	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	732653	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5112	3.19	ng/uL	0.00
5) Phenol-d5	7.39	99	132287	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	90343	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	94535	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	115515	19.35	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	62685	24.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	62860	19.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	122554	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	179223	30.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	418122	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	491859	22.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	71815	21.35	ng/ul	0.00
57) Fluorene-d10	15.85	176	405087	21.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	78354	21.99	ng/ul	0.00
70) Anthracene-d10	17.70	188	589857	24.25	ng/ul	0.00
76) Pyrene-d10	19.97	212	715917	24.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	731642	24.65	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	13412	2.49	ng/ul#	1
14) Acetophenone	9.03	105	107668	11.85	ng/ul#	26
17) Hexachloroethane	9.34	117	32018	14.39	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	8593	1.18	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.47	93	12928	1.73	ng/ul#	78
27) 2,4-Dichlorophenol	10.69	162	35602	6.05	ng/ul#	41
28) Naphthalene	11.11	128	614465	37.05	ng/ul	99
34) 2-Methylnaphthalene	12.70	142	1253115	95.74	ng/ul	96
40) 1,1'-Biphenyl	13.69	154	337318	19.56	ng/ul	97
44) Dimethylphthalate	14.30	163	194883	10.13	ng/ul#	95
47) Acenaphthylene	14.58	152	36390	1.75	ng/ul#	29
49) Acenaphthene	14.92	153	86173	6.04	ng/ul#	87
53) Dibenzofuran	15.25	168	240275	10.64	ng/ul	99
54) 2,4-Dinitrotoluene	15.24	165	12986	2.08	ng/ul#	1
58) Fluorene	15.91	166	268362	14.60	ng/ul#	95
64) N-Nitrosodiphenylamine	16.10	169	52430	3.54	ng/ul#	49
67) Atrazine	17.02	200	9395	1.33	ng/ul#	24
69) Phenanthrene	17.64	178	156023	5.67	ng/ul#	94
71) Anthracene	17.73	178	39630	1.40	ng/ul#	81
77) Pyrene	20.00	202	35694	1.04	ng/ul	97

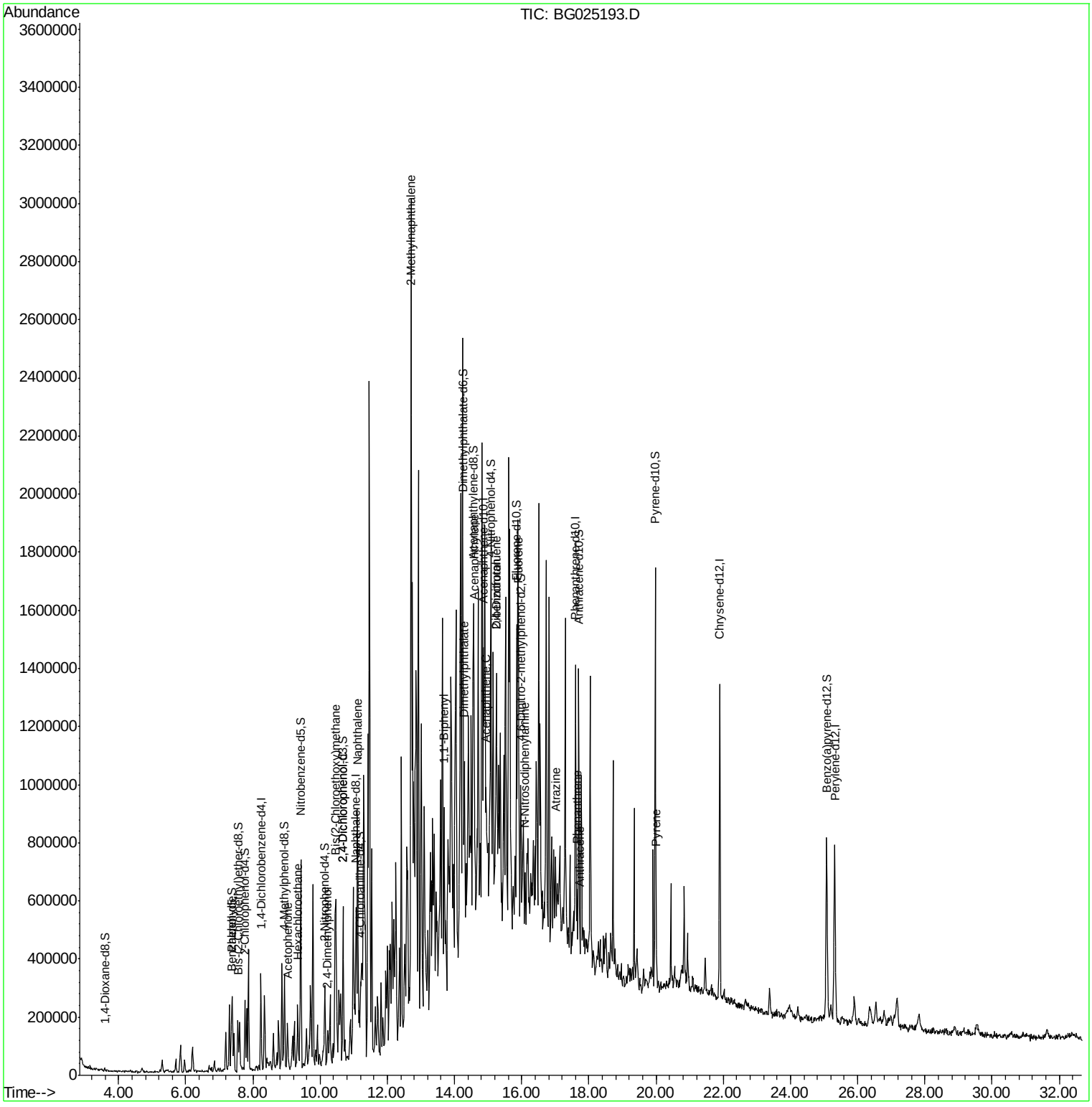
(#) = qualifier out of range (m) = manual integration (+) = signals summed

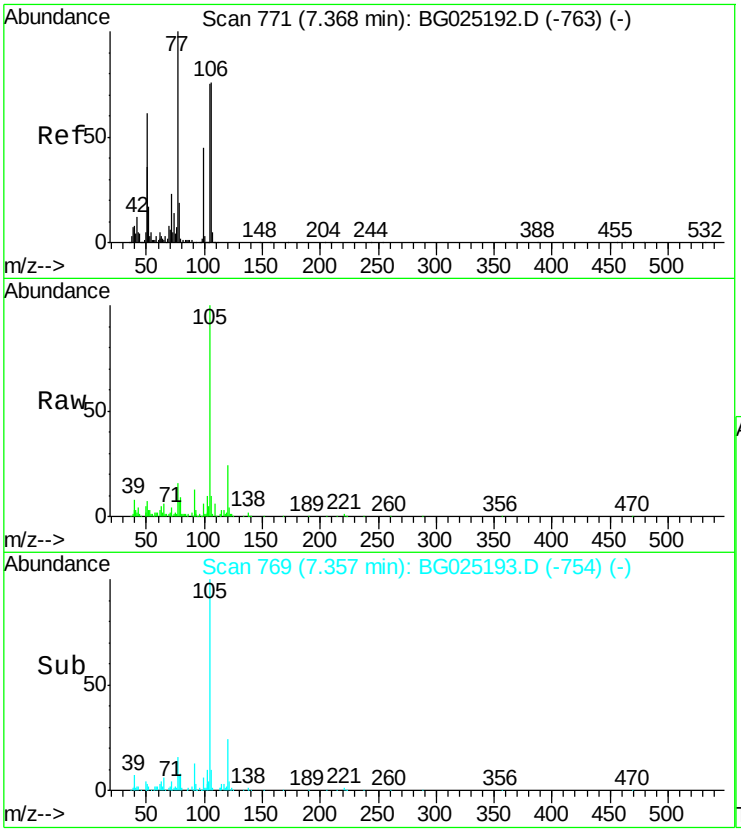
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025193.D
Acq On : 15 Dec 2016 2:12
Operator : UM/SJ
Sample : H5938-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA840

Quant Time: Dec 15 05:01:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



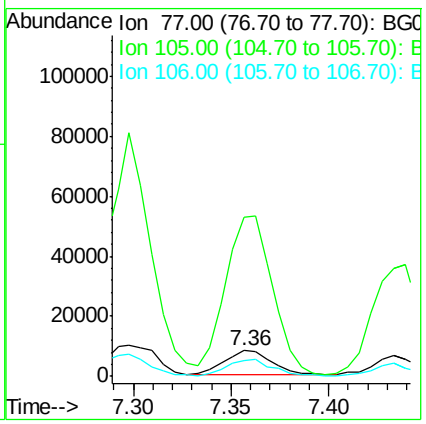


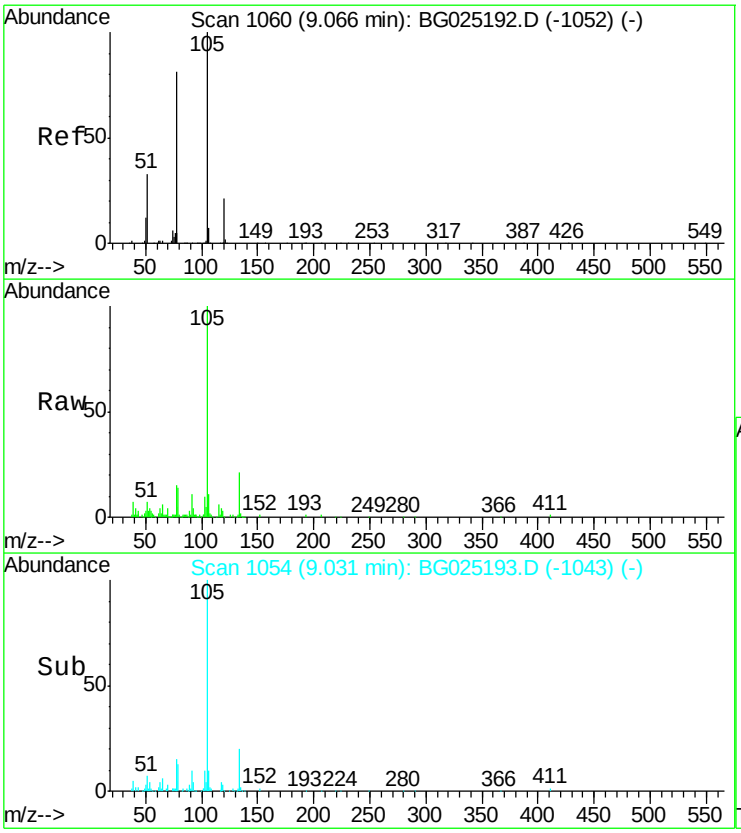
#4
Benzaldehyde
Concen: 2.49 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion: 77 Resp: 13412

Ion	Ratio	Lower	Upper
77	100		
105	614.5	62.0	93.0#
106	59.8	60.2	90.4#

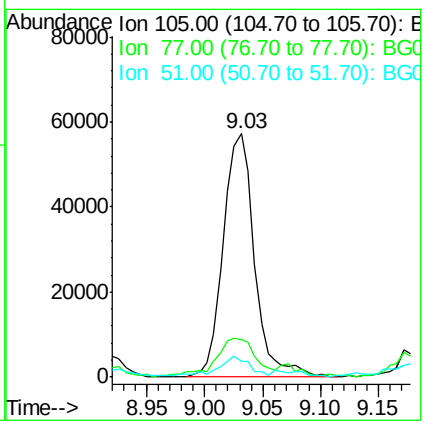


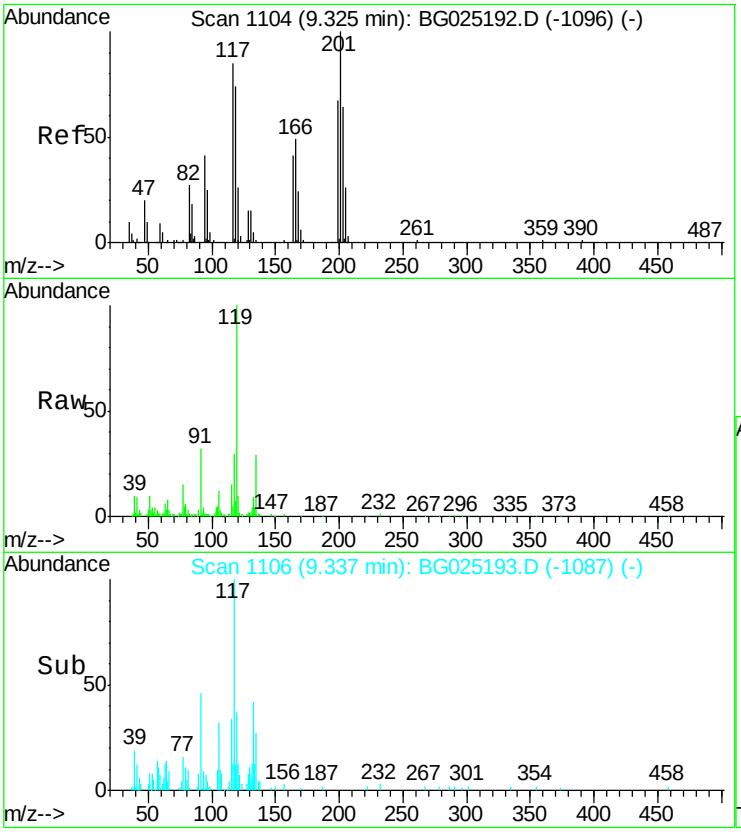


#14
Acetophenone
Concen: 11.85 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:105 Resp: 107668

Ion	Ratio	Lower	Upper
105	100		
77	15.2	76.0	114.0#
51	6.7	34.8	52.2#



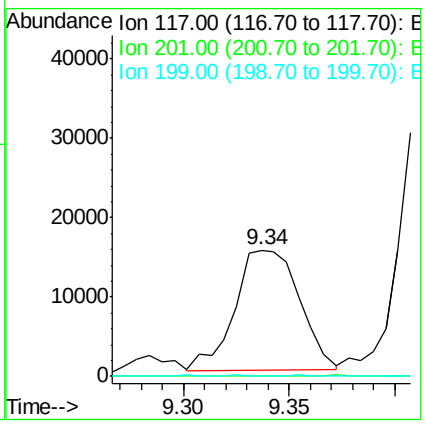


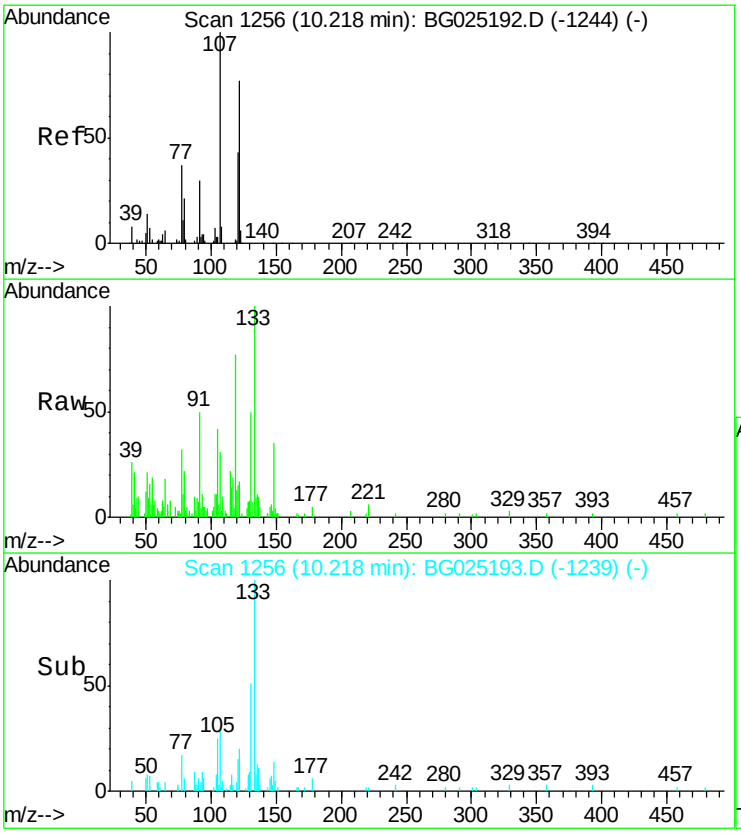
#17
Hexachloroethane
Concen: 14.39 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:117 Resp: 32018

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

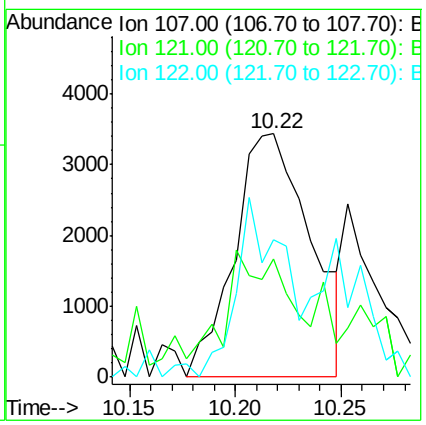


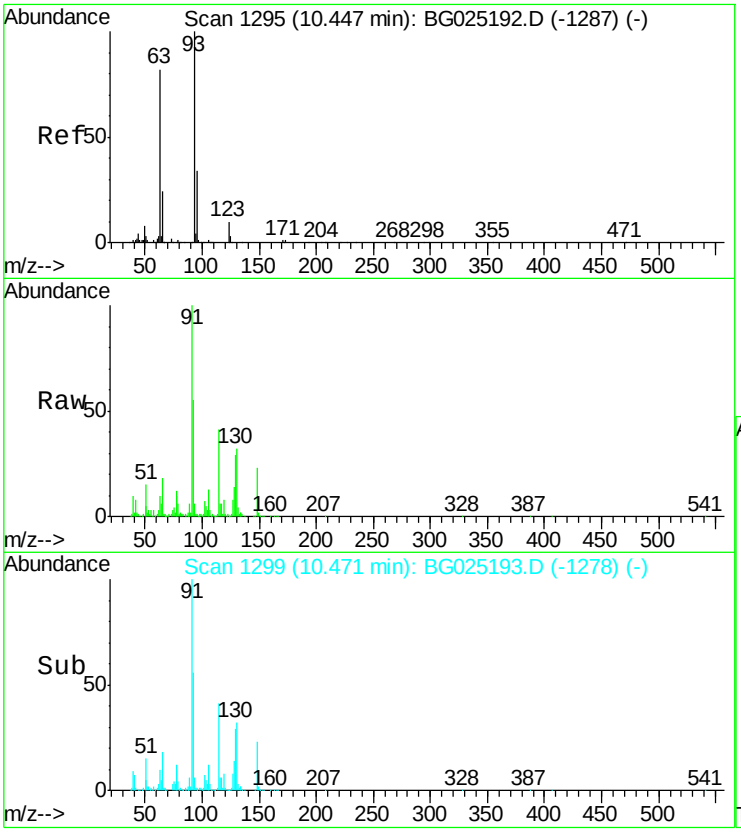


#24
2,4-Dimethylphenol
Concen: 1.18 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:107 Resp: 8593

Ion	Ratio	Lower	Upper
107	100		
121	48.5	32.3	48.5
122	56.2	61.2	91.8#



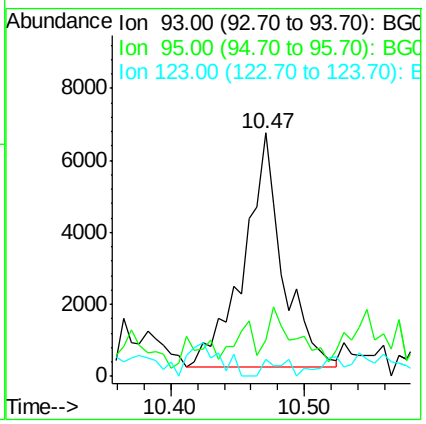


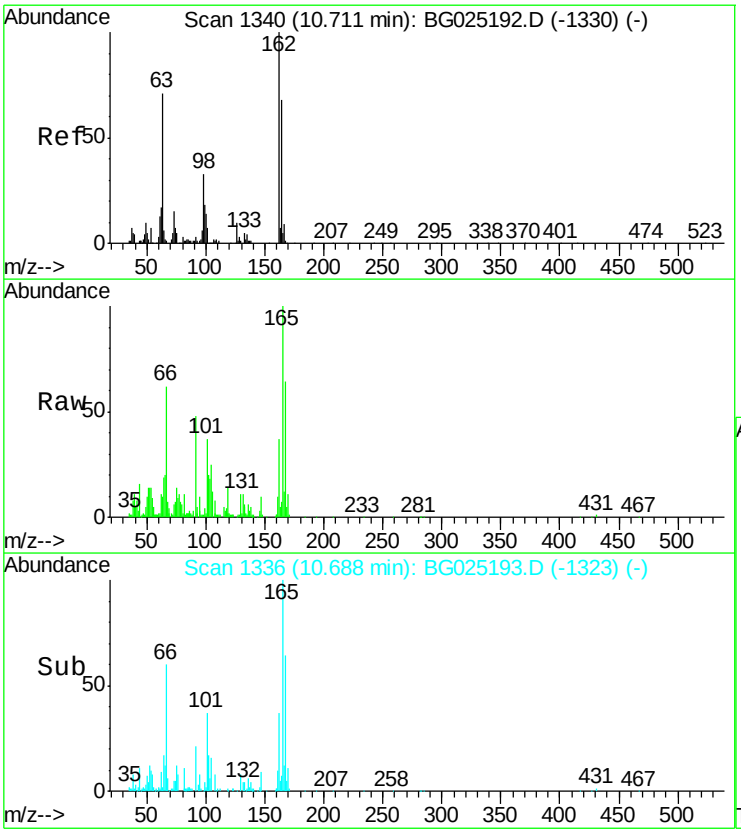
#25
Bis(2-Chloroethoxy)methane
Concen: 1.73 ng/ul
RT: 10.47 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion: 93 Resp: 12928

Ion	Ratio	Lower	Upper
93	100		
95	14.7	23.4	35.0#
123	7.0	7.8	11.6#

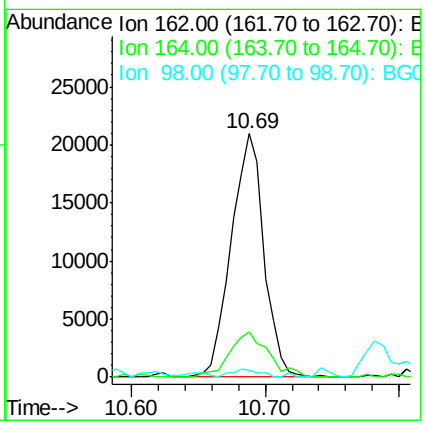


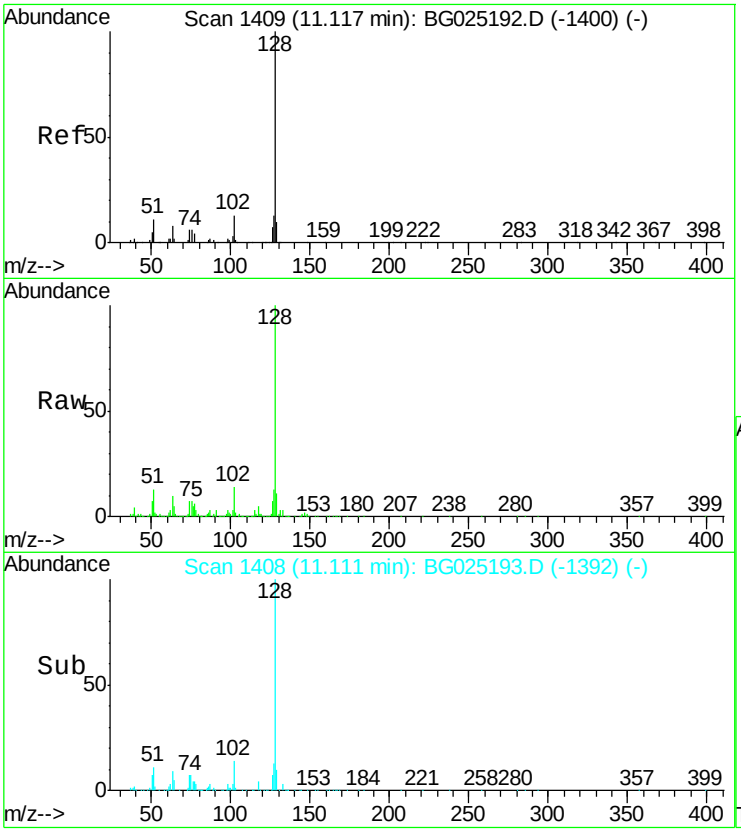


#27
2,4-Dichlorophenol
Concen: 6.05 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:162 Resp: 35602

Ion	Ratio	Lower	Upper
162	100		
164	18.5	50.8	76.2#
98	2.7	32.1	48.1#



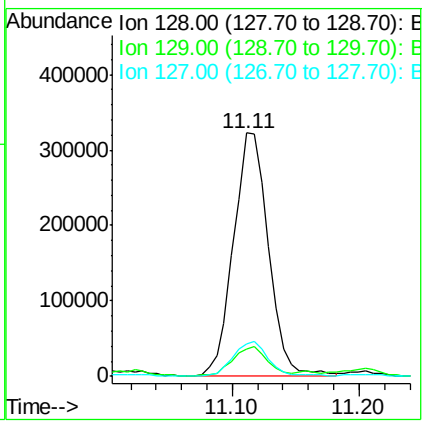


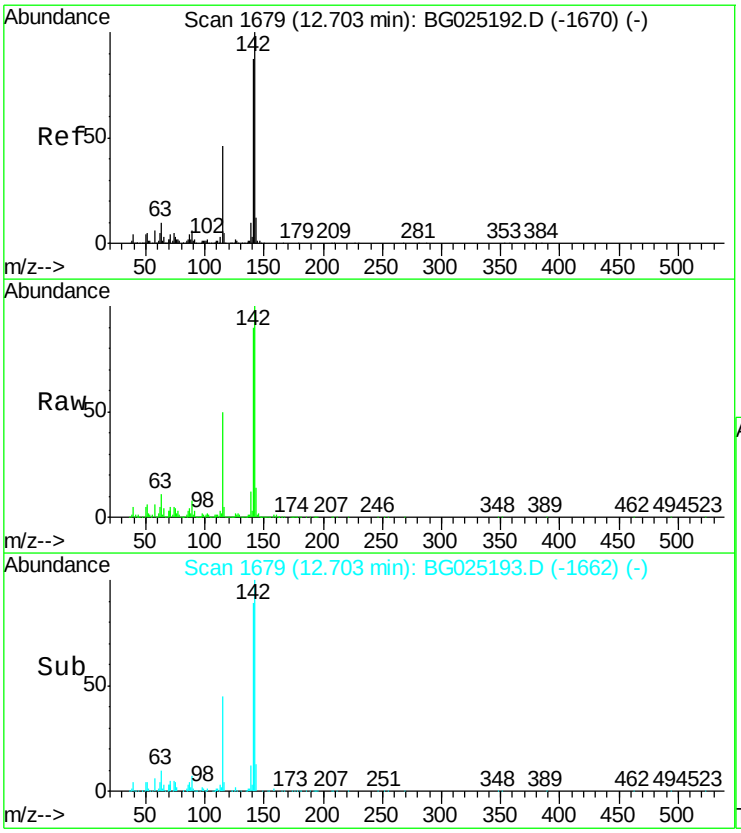
#28
Naphthalene
Concen: 37.05 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:128 Resp: 614465

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.5	10.3	15.5

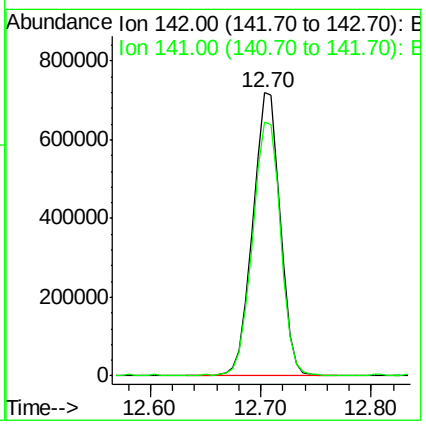


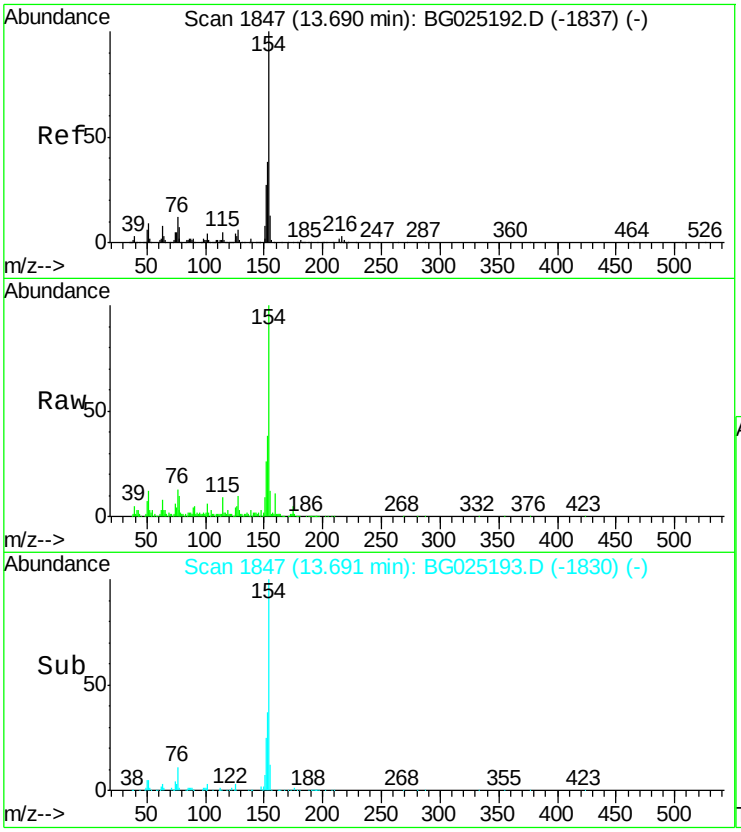


#34
2-Methylnaphthalene
Concen: 95.74 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:142 Resp: 1253115

Ion	Ratio	Lower	Upper
142	100		
141	89.8	68.6	102.8



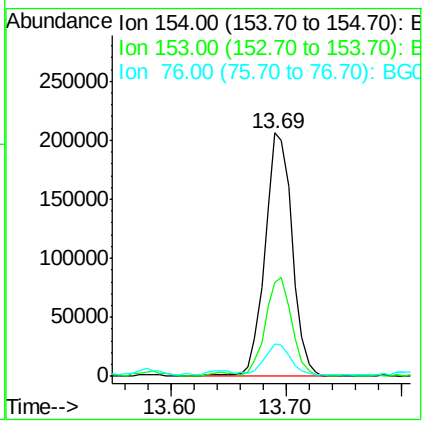


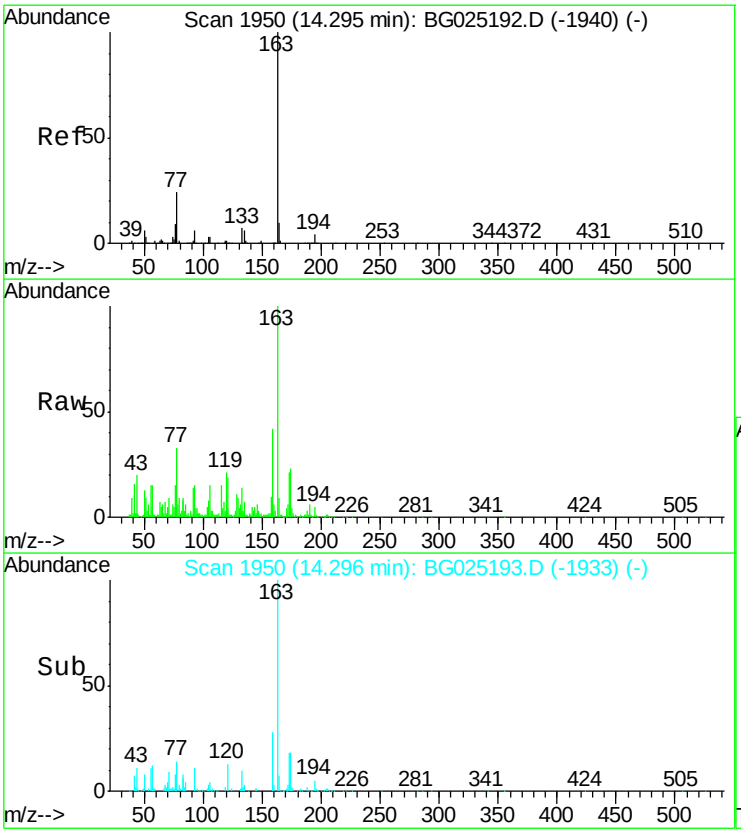
#40
1,1'-Biphenyl
Concen: 19.56 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:154 Resp: 337318

Ion	Ratio	Lower	Upper
154	100		
153	38.4	32.2	48.2
76	13.4	9.6	14.4

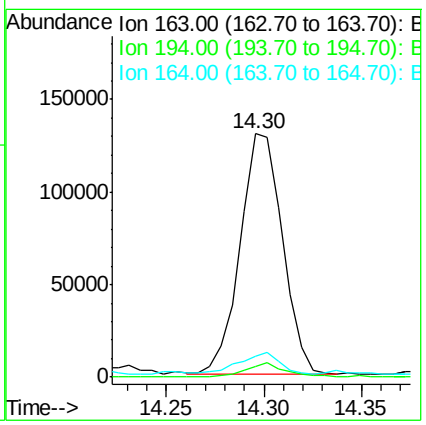


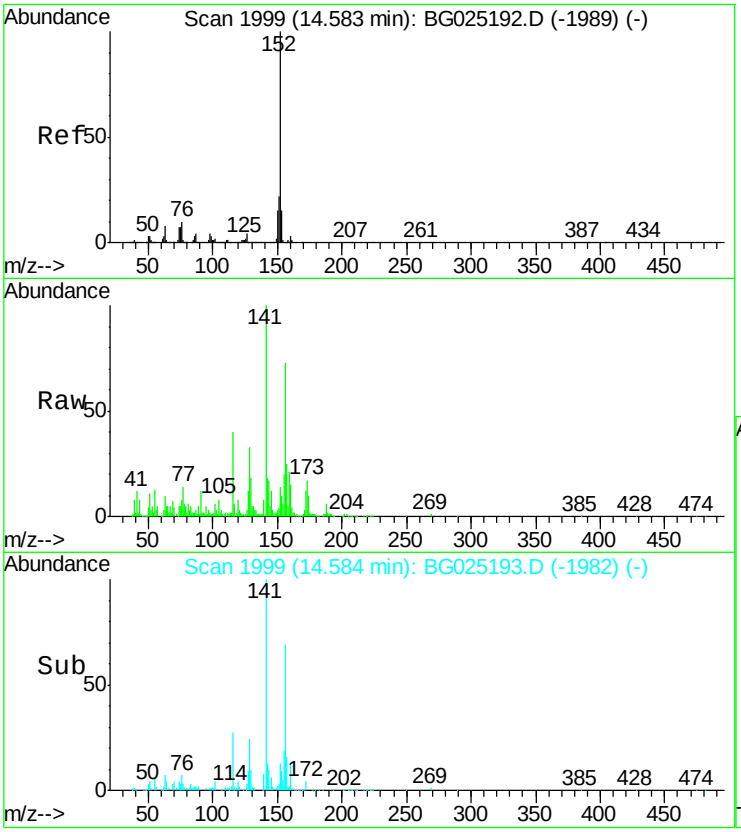


#44
Dimethylphthalate
Concen: 10.13 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:163 Resp: 194883

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	8.8	9.0	13.4#



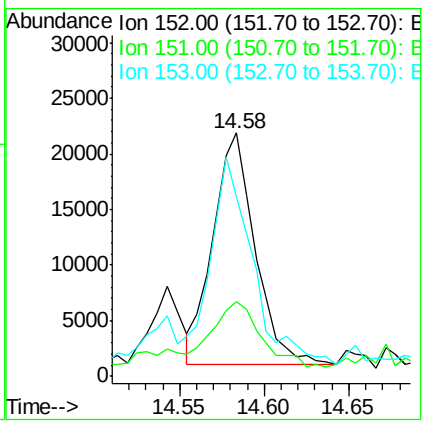


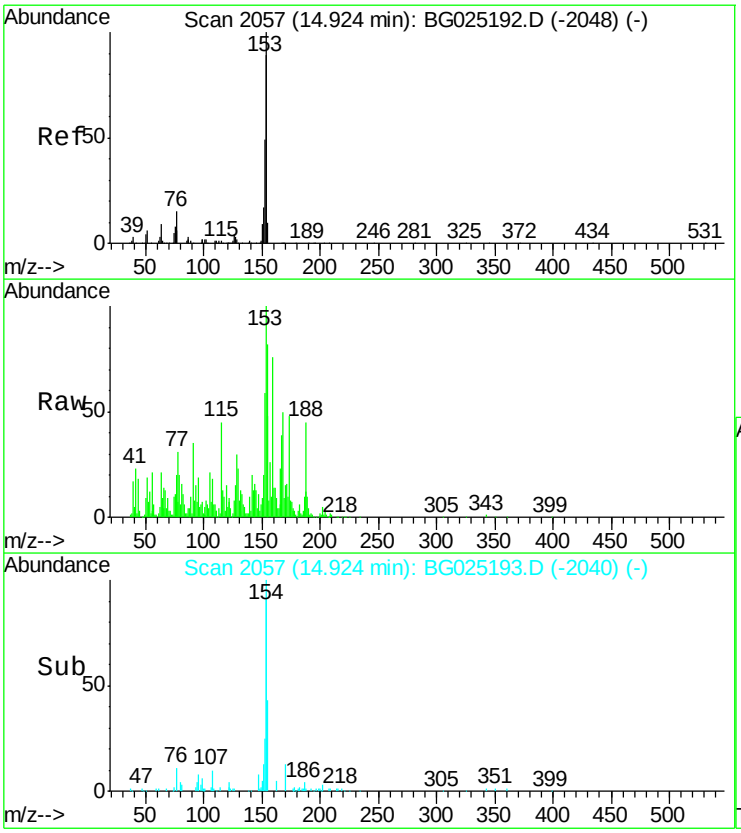
#47
Acenaphthylene
Concen: 1.75 ng/ul
RT: 14.58 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:152 Resp: 36390

Ion	Ratio	Lower	Upper
152	100		
151	30.5	16.7	25.1#
153	73.6	11.4	17.2#

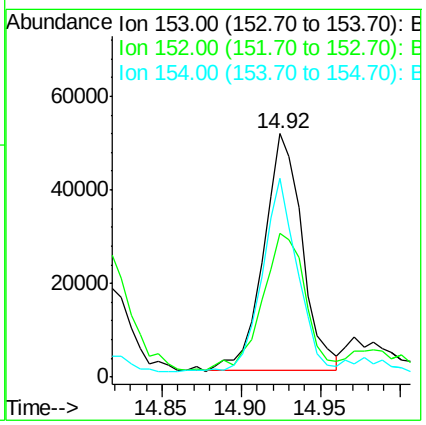


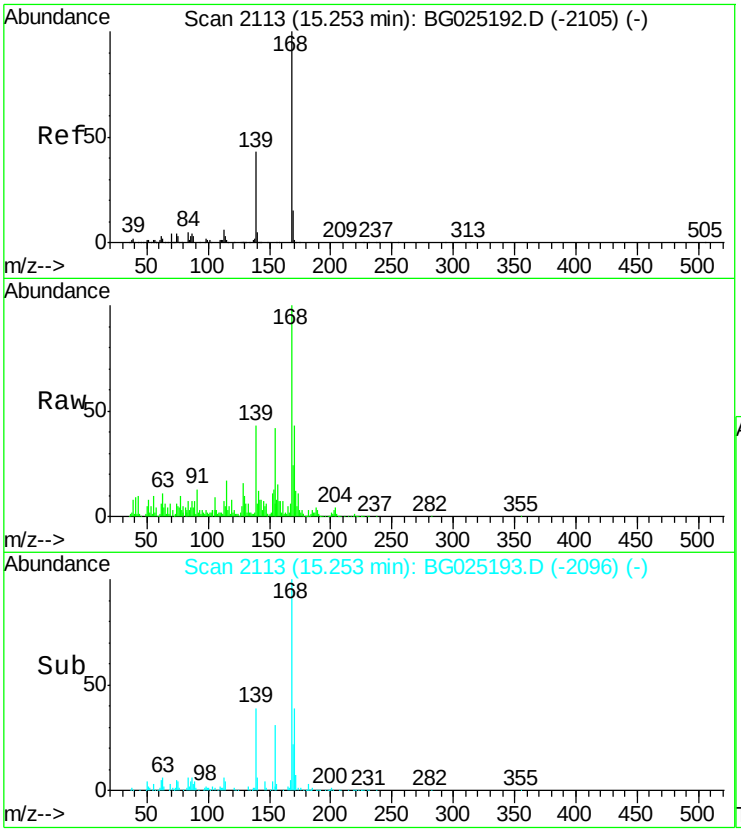


#49
Acenaphthene
Concen: 6.04 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:153 Resp: 86173

Ion	Ratio	Lower	Upper
153	100		
152	58.9	36.5	54.7#
154	81.9	72.3	108.5



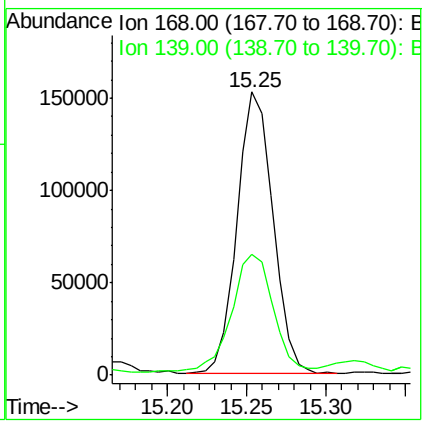


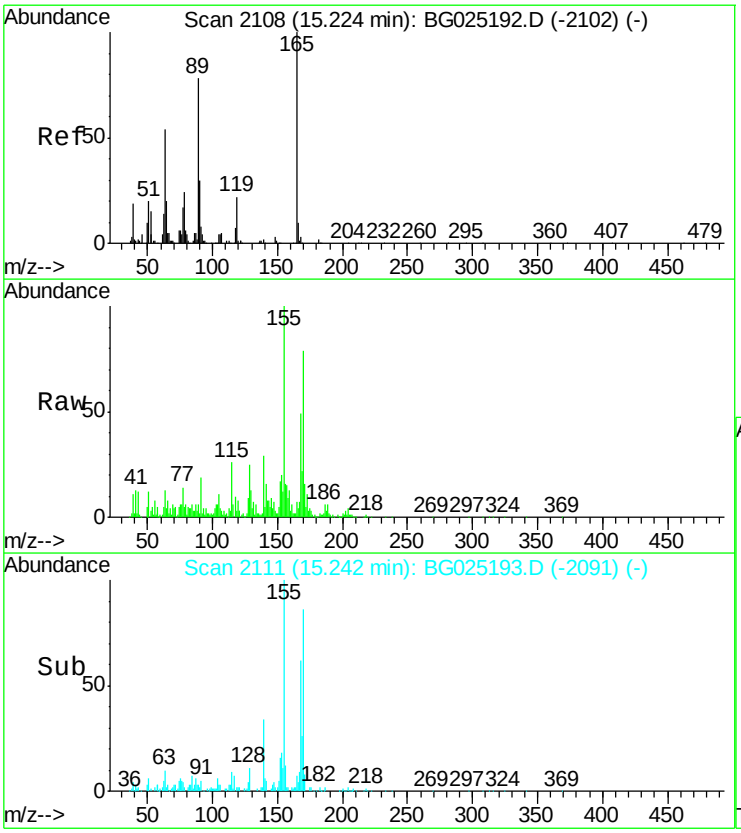
#53
Dibenzofuran
Concen: 10.64 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:168 Resp: 240275

Ion	Ratio	Lower	Upper
168	100		
139	42.8	33.8	50.8

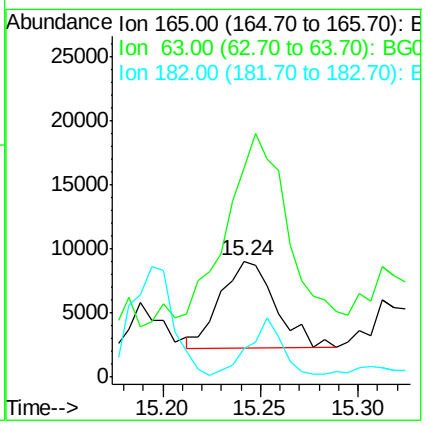


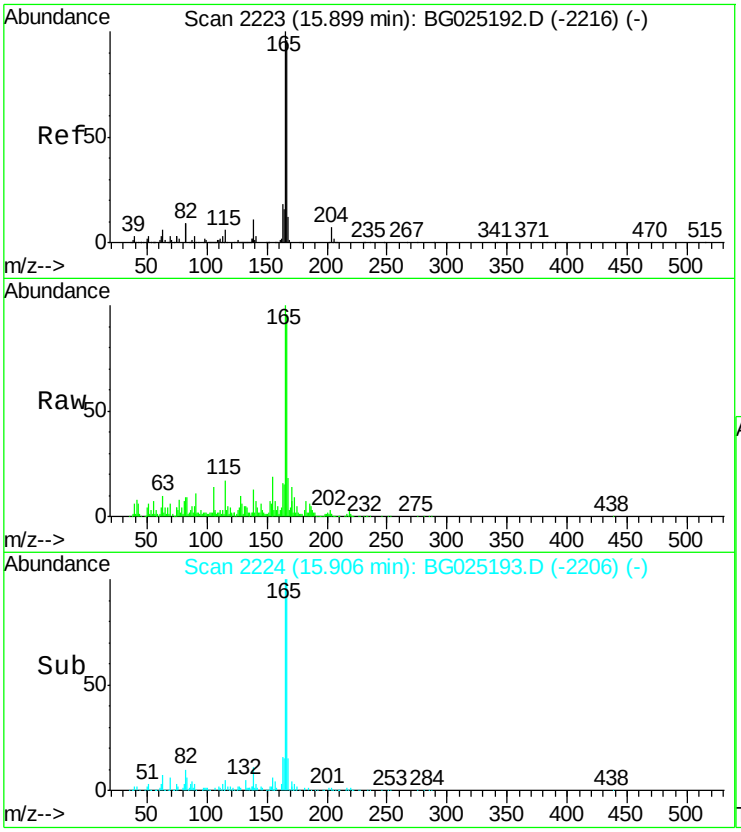


#54
2,4-Dinitrotoluene
Concen: 2.08 ng/ul
RT: 15.24 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:165 Resp: 12986

Ion	Ratio	Lower	Upper
165	100		
63	179.8	46.8	70.2#
182	24.4	1.8	2.6#



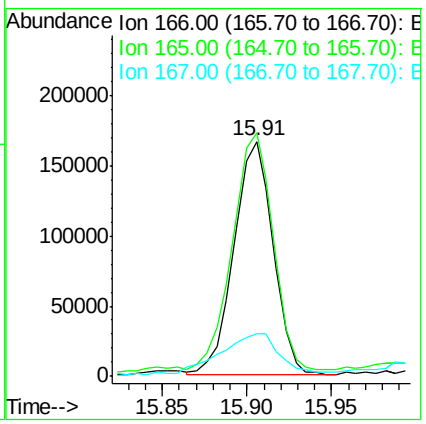


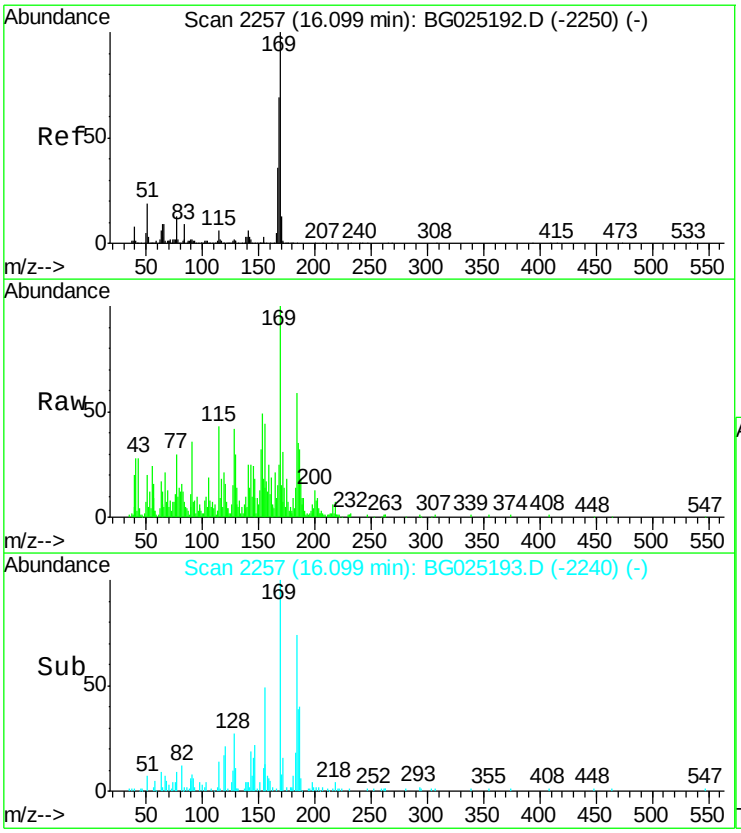
#58
Fluorene
Concen: 14.60 ng/ul
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:166 Resp: 268362

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.7	119.5
167	18.3	11.4	17.2#

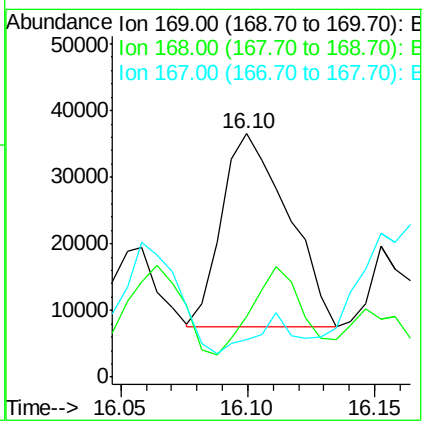


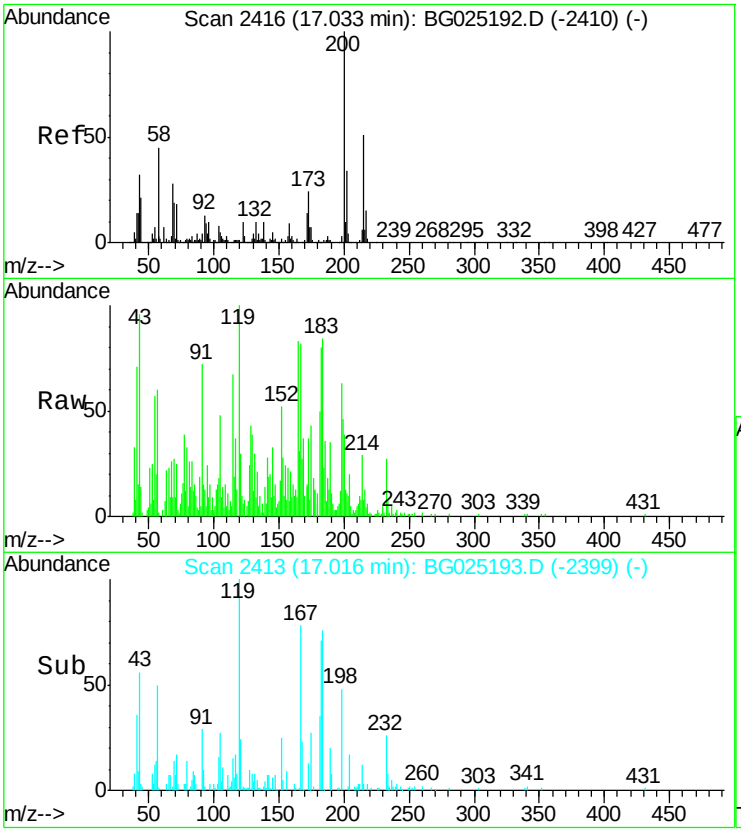


#64
N-Nitrosodiphenylamine
Concen: 3.54 ng/ul
RT: 16.10 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:169 Resp: 52430

Ion	Ratio	Lower	Upper
169	100		
168	24.9	59.1	88.7#
167	15.3	29.7	44.5#



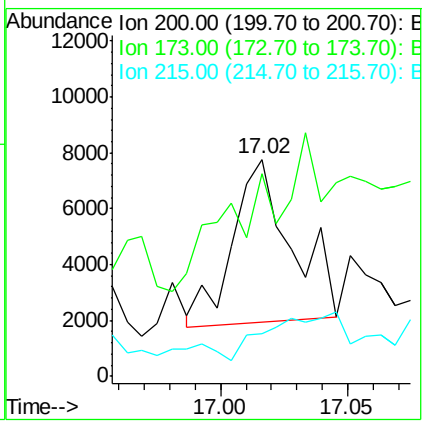


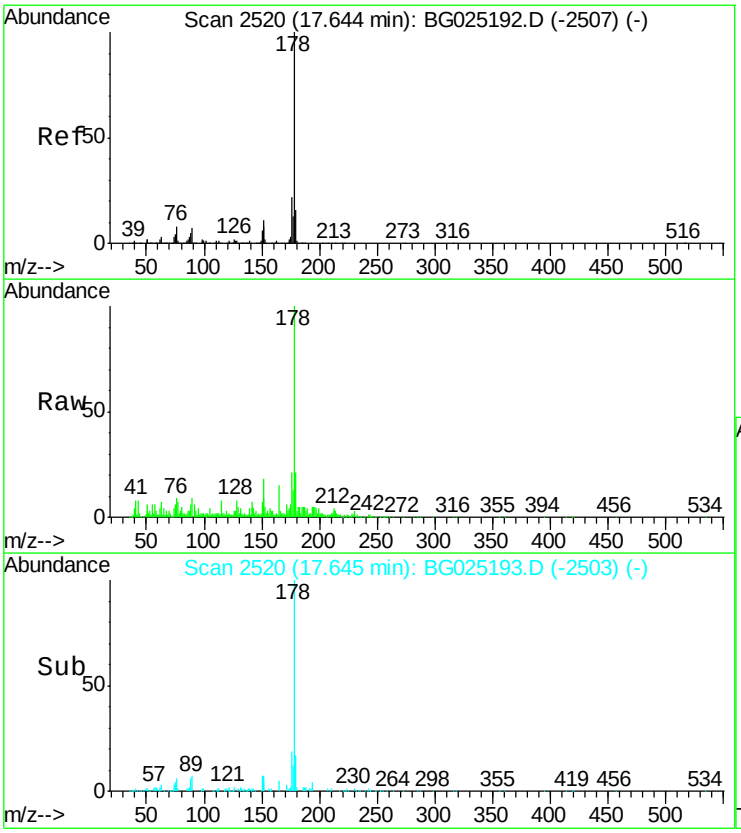
#67
Atrazine
Concen: 1.33 ng/ul
RT: 17.02 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:200 Resp: 9395

Ion	Ratio	Lower	Upper
200	100		
173	93.4	19.2	28.8#
215	19.6	40.3	60.5#

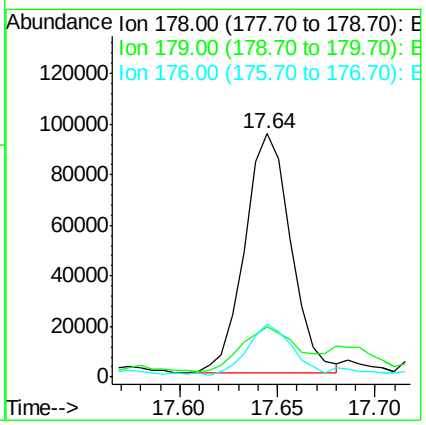


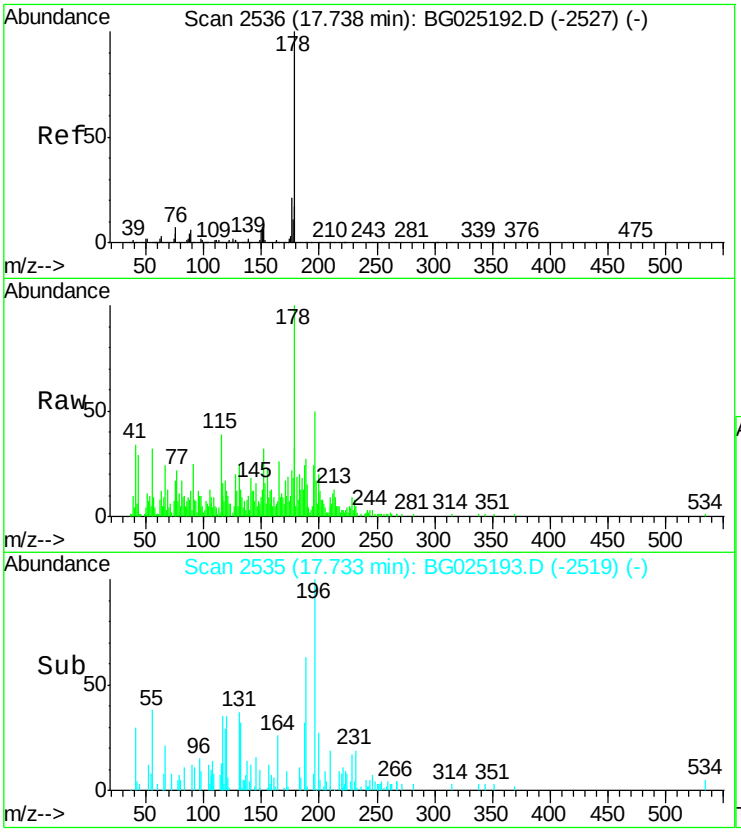


#69
Phenanthrene
Concen: 5.67 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:178 Resp: 156023

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.4	18.6#
176	21.5	16.5	24.7



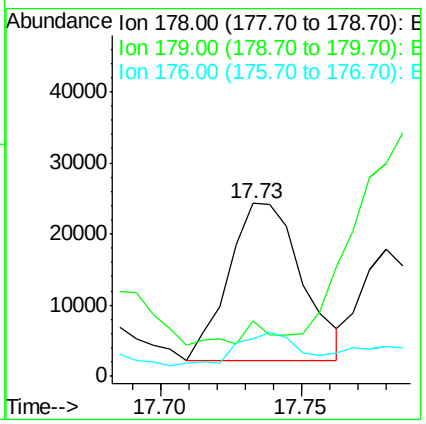


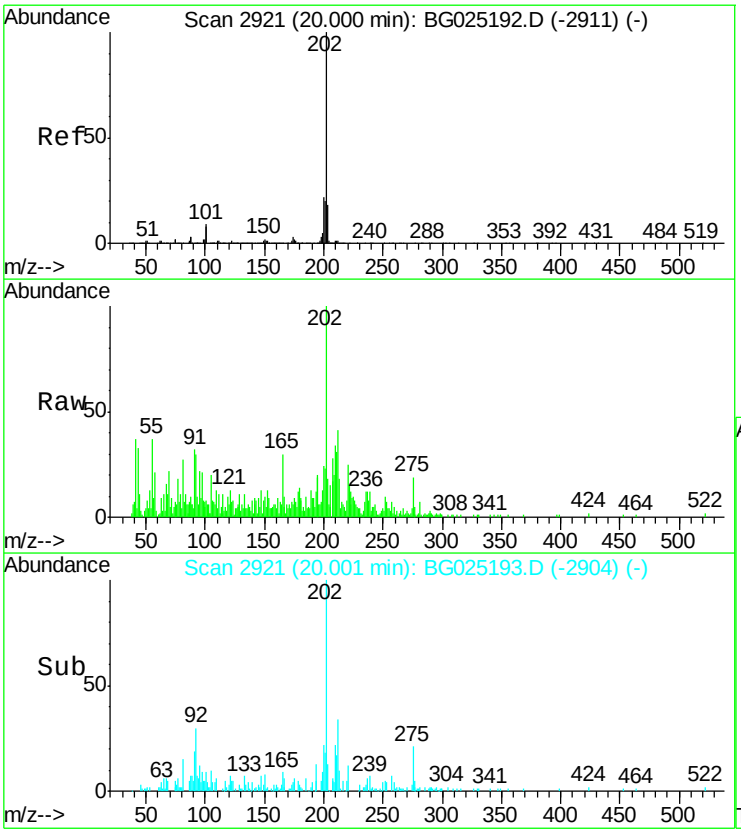
#71
Anthracene
Concen: 1.40 ng/ul
RT: 17.73 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

Tgt Ion:178 Resp: 39630

Ion	Ratio	Lower	Upper
178	100		
179	32.2	12.6	19.0#
176	21.7	15.9	23.9





#77
Pyrene
Concen: 1.04 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:202 Resp: 35694

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	6.7	6.6	10.0