Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025198.D
Acq On : 15 Dec 2016 5:28
Operator : UM/SJ
Sample : H5970-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847

Quant Time: Dec 15 07:11:15 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	90424	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	378866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	305077	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.61	188	605324	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	768033	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	782797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	4292	2.45	ng/uL	0.00
5) Phenol-d5	7.39	99	103617	13.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	72652	15.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	77308	14.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	91450	14.03	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	45912	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	51392	15.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	95068	14.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	403093	63.77	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	320228	15.26	ng/ul	0.02
46) Acenaphthylene-d8	14.56	160	376220	16.37	ng/ul	0.01
51) 4-Nitrophenol-d4	15.09	143	82915	22.99	ng/ul	0.03
57) Fluorene-d10	15.85	176	353891	17.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	60409	16.14	ng/ul	0.02
70) Anthracene-d10	17.70	188	430832	16.86	ng/ul	0.00
76) Pyrene-d10	19.98	212	515255	16.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	520326	16.40	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	19826	3.38	ng/ul#	1
6) Phenol	7.41	94	39599	4.95	ng/ul#	87
17) Hexachloroethane	9.34	117	43818	18.04	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	109053	14.06	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.48	93	24674	3.10	ng/ul#	64
27) 2,4-Dichlorophenol	10.69	162	124170	19.88	ng/ul#	29
28) Naphthalene	11.12	128	1526835	86.69	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	3159329	227.32	ng/ul	93
40) 1,1'-Biphenyl	13.70	154	772772	41.78	ng/ul	99
42) 2-Nitroaniline	13.96	65	18887	3.28	ng/ul#	46
44) Dimethylphthalate	14.31	163	226087	10.96	ng/ul	99
45) 2,6-Dinitrotoluene	14.48	165	7395	1.67	ng/ul#	1
47) Acenaphthylene	14.59	152	76795	3.44	ng/ul#	1
49) Acenaphthene	14.93	153	197036	12.87	ng/ul#	85
52) 4-Nitrophenol	15.08	109	9824	2.26	ng/ul#	1
53) Dibenzofuran	15.26	168	487108	20.12	ng/ul	95
54) 2,4-Dinitrotoluene	15.25	165	27884	4.18	ng/ul#	1
58) Fluorene	15.91	166	516686	26.21	ng/ul#	95
64) N-Nitrosodiphenylamine	16.11	169	105163	6.75	ng/ul#	58
67) Atrazine	17.01	200	14430	1.95	ng/ul#	1
69) Phenanthrene	17.65	178	236560	8.19	ng/ul#	95
71) Anthracene	17.74	178	52199	1.76	ng/ul#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025198.D
Acq On : 15 Dec 2016 5:28
Operator : UM/SJ
Sample : H5970-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA847

Quant Time: Dec 15 07:11:15 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025198.D
Acq On : 15 Dec 2016 5:28
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
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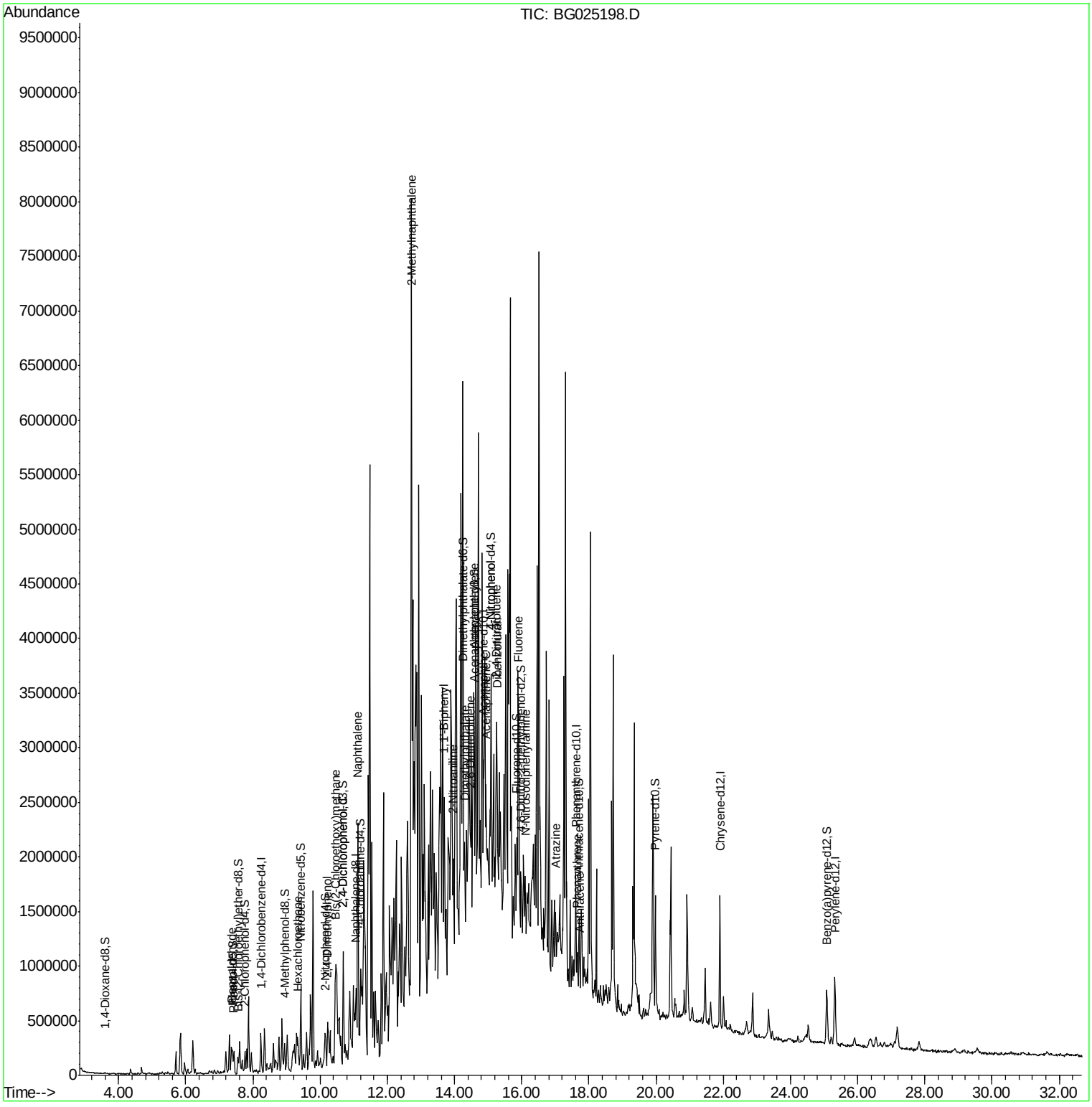
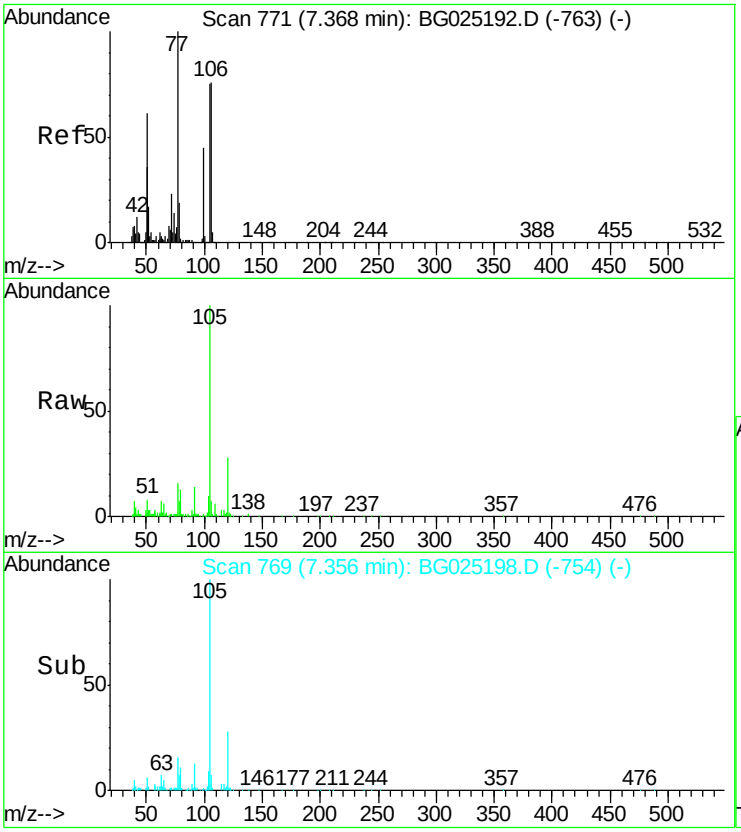


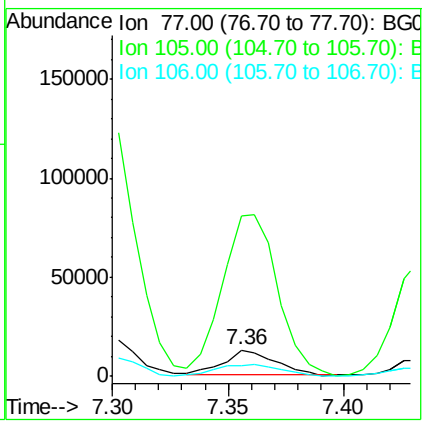


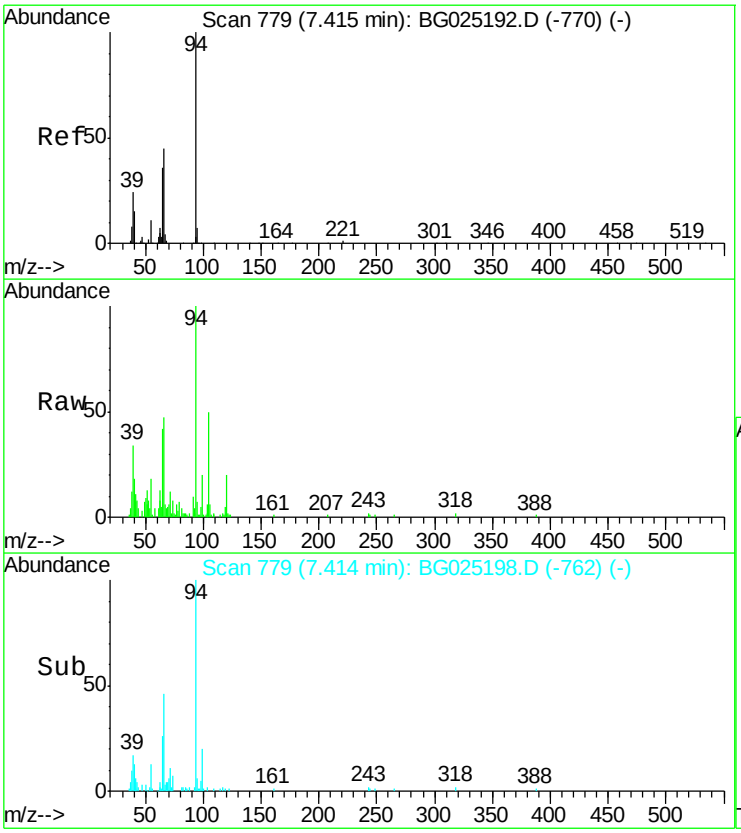
#4
Benzaldehyde
Concen: 3.38 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion: 77 Resp: 19826

Ion	Ratio	Lower	Upper
77	100		
105	608.0	62.0	93.0#
106	40.8	60.2	90.4#

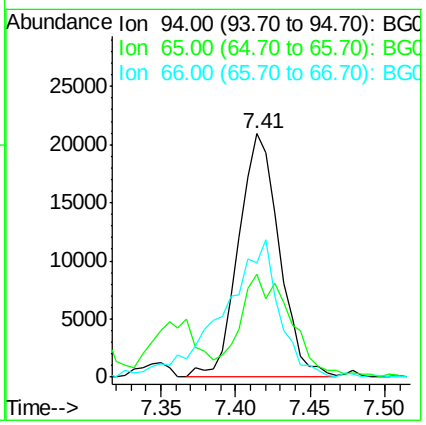


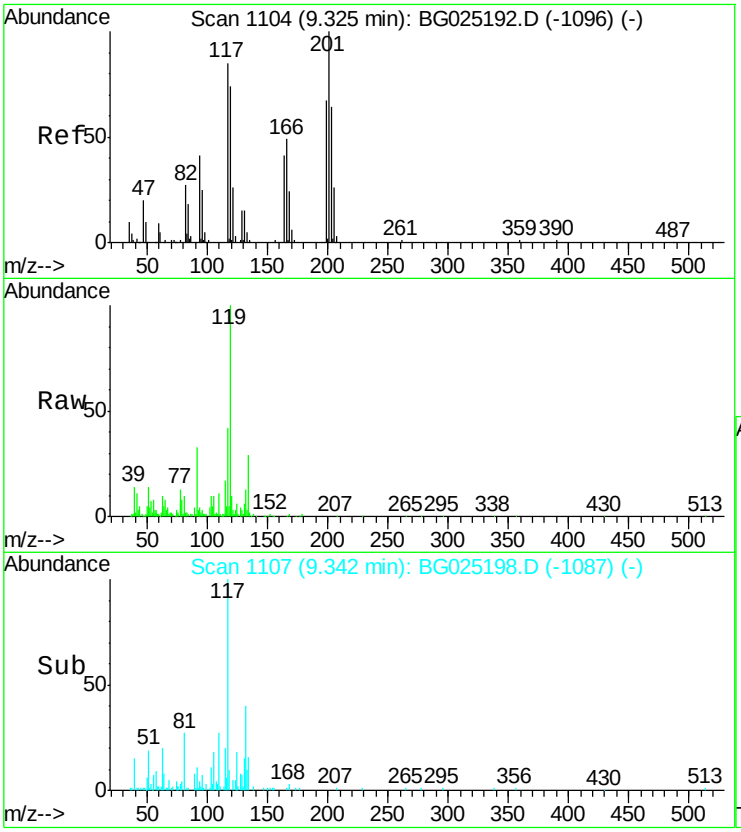


#6
Phenol
Concen: 4.95 ng/ul
RT: 7.41 min Scan# 779
Delta R.T. -0.00 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion: 94 Resp: 39599

Ion	Ratio	Lower	Upper
94	100		
65	42.1	26.8	40.2#
66	47.1	44.4	66.6



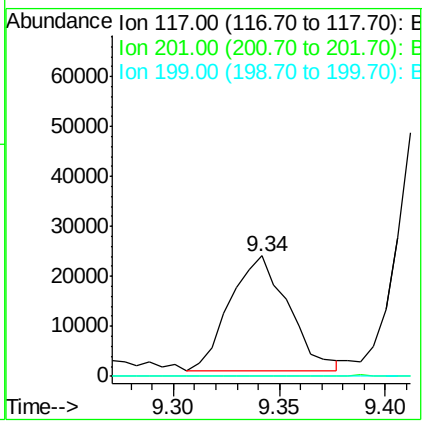


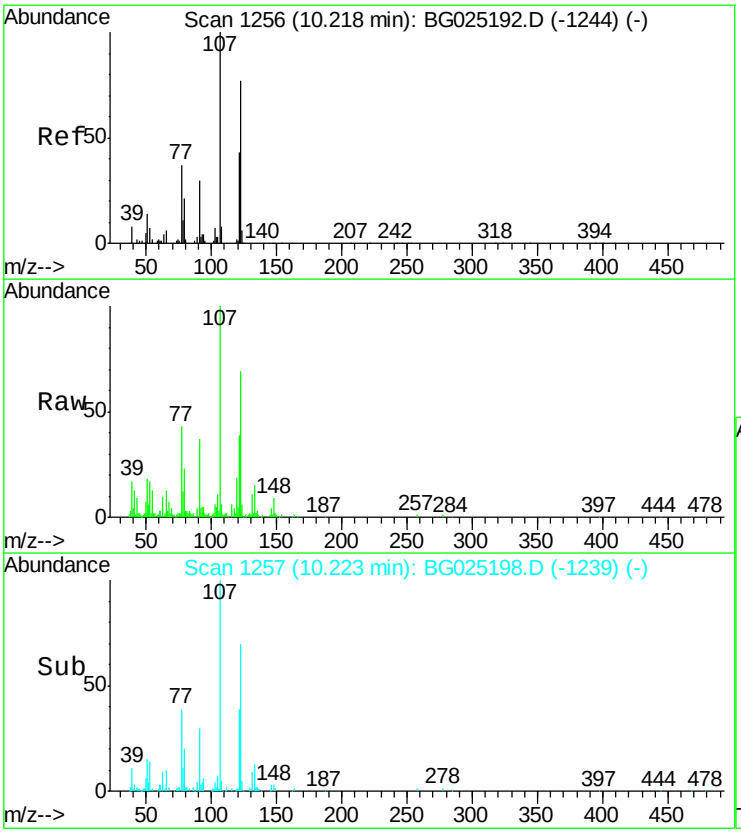
#17
Hexachloroethane
Concen: 18.04 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:117 Resp: 43818

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

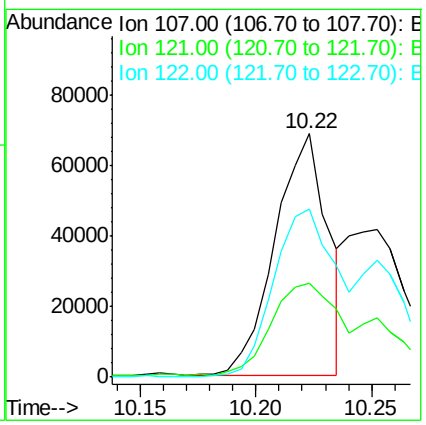


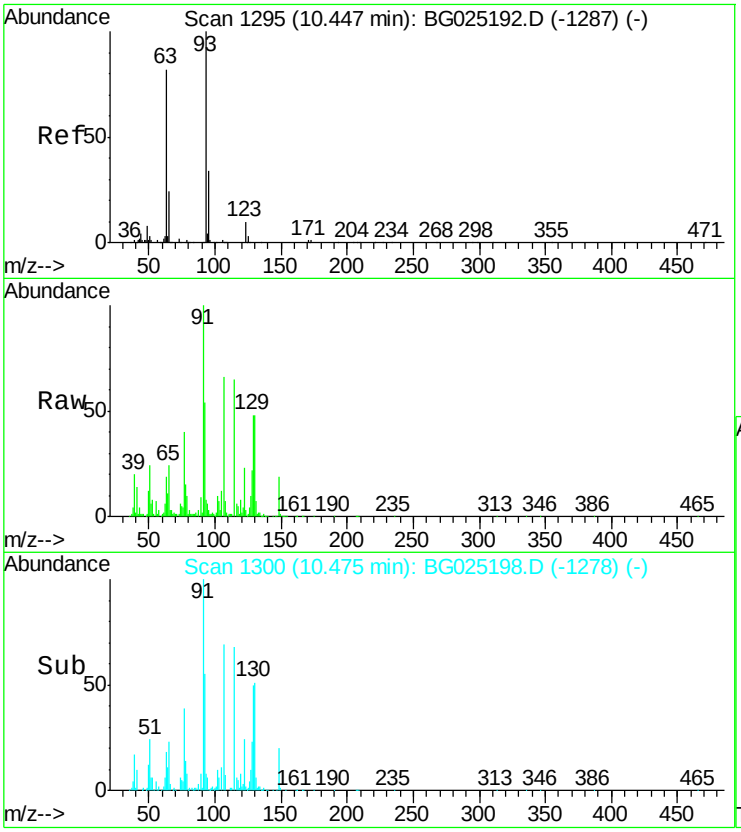


#24
2,4-Dimethylphenol
Concen: 14.06 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:107 Resp: 109053

Ion	Ratio	Lower	Upper
107	100		
121	38.8	32.3	48.5
122	69.3	61.2	91.8



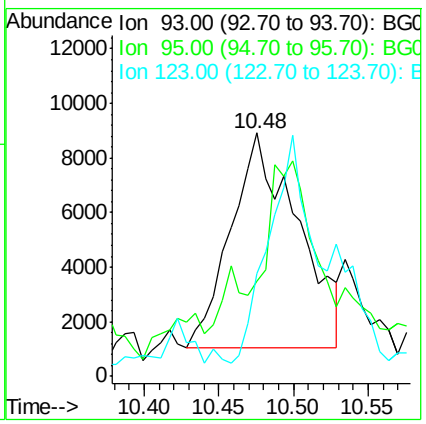


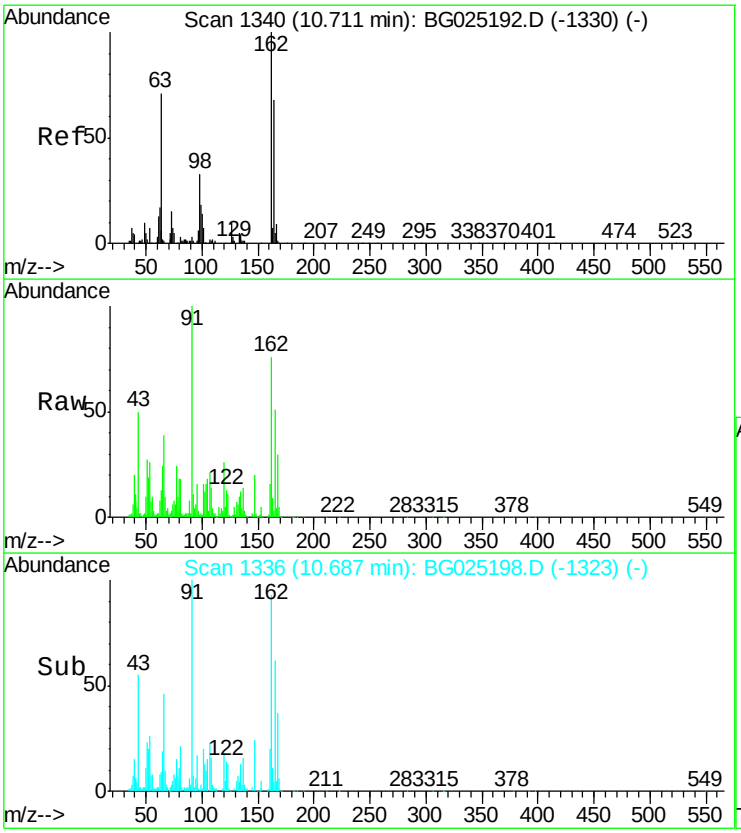
#25
Bis(2-Chloroethoxy)methane
Concen: 3.10 ng/ul
RT: 10.48 min Scan# 1300
Delta R.T. 0.03 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument : BNA_G
ClientSampleId : DA847

Tgt Ion: 93 Resp: 24674

Ion	Ratio	Lower	Upper
93	100		
95	39.1	23.4	35.0#
123	42.4	7.8	11.6#

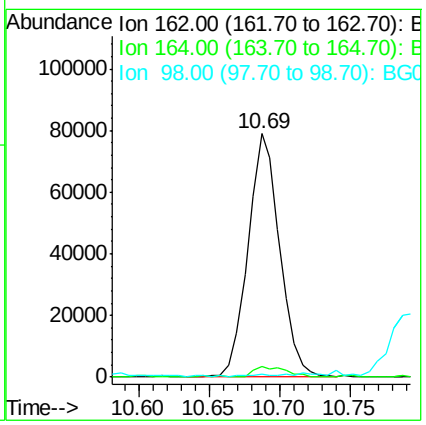


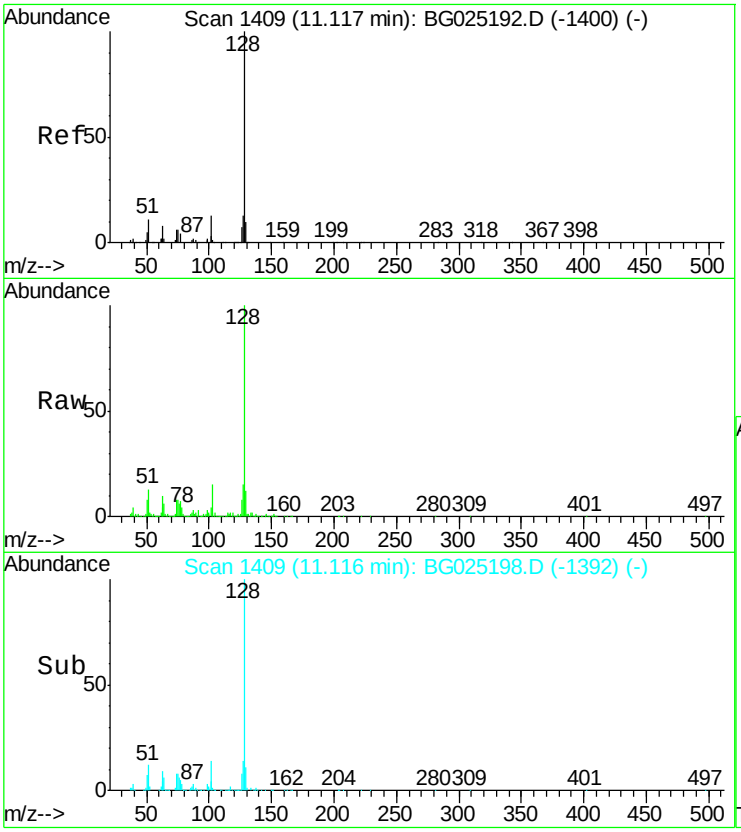


#27
2,4-Dichlorophenol
Concen: 19.88 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:162 Resp: 124170

Ion	Ratio	Lower	Upper
162	100		
164	4.2	50.8	76.2#
98	1.1	32.1	48.1#



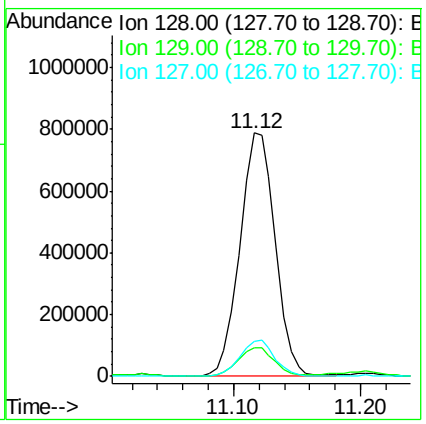


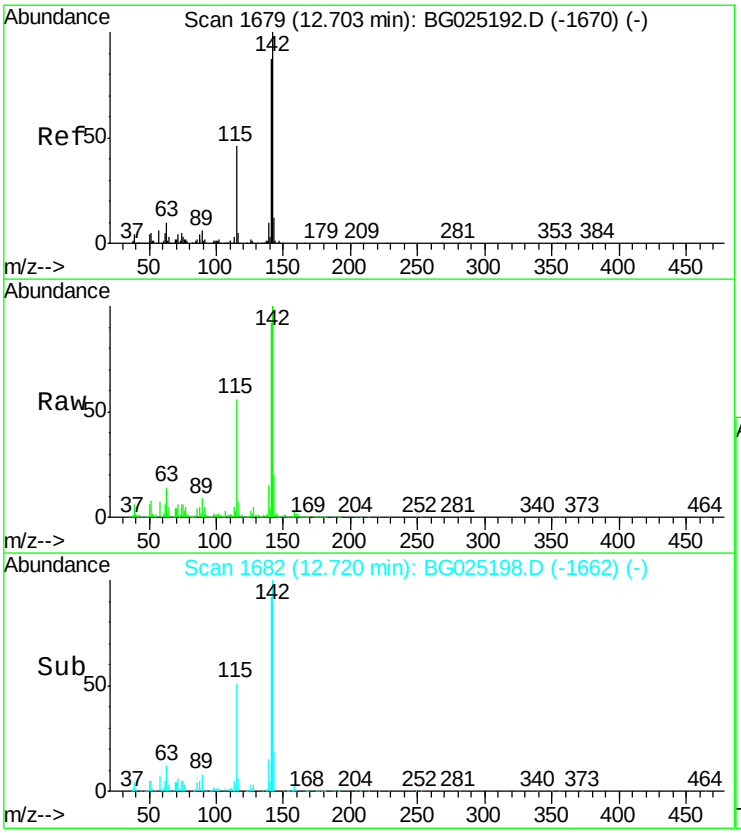
#28
Naphthalene
Concen: 86.69 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:128 Resp: 1526835

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.5	10.3	15.5

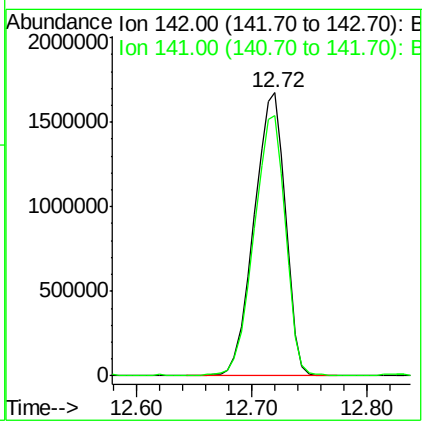


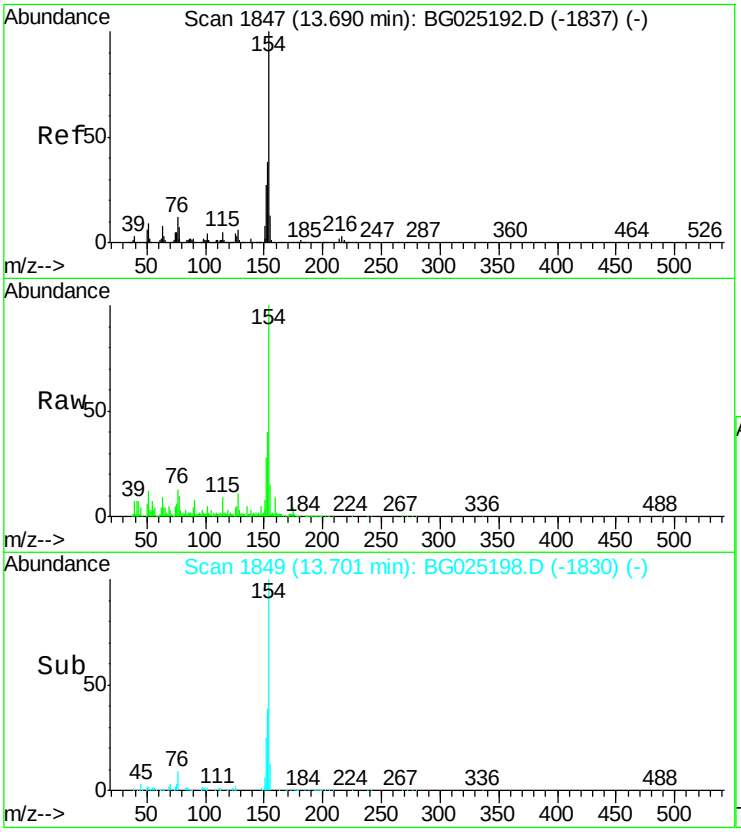


#34
2-Methylnaphthalene
Concen: 227.32 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.02 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:142 Resp: 3159329

Ion	Ratio	Lower	Upper
142	100		
141	91.8	68.6	102.8



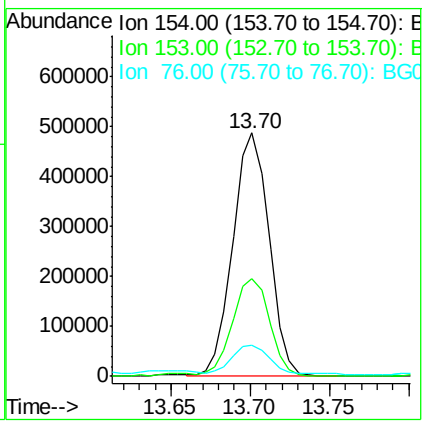


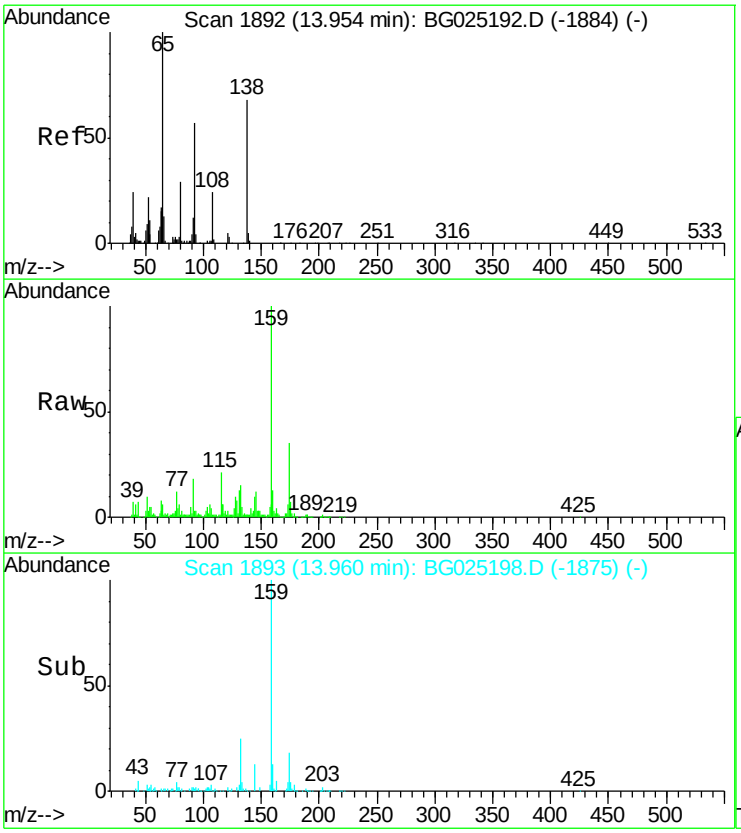
#40
1,1'-Biphenyl
Concen: 41.78 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:154 Resp: 772772

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.2	48.2
76	12.7	9.6	14.4

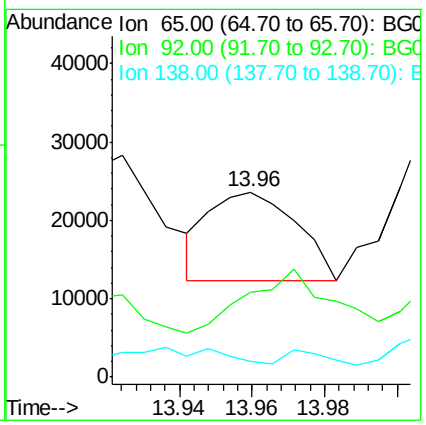


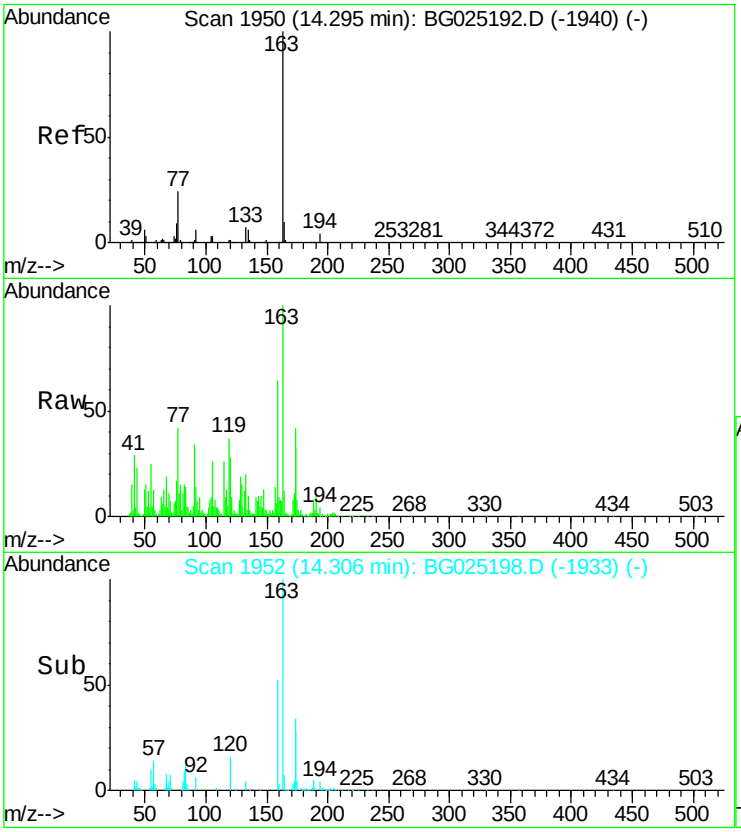


#42
2-Nitroaniline
Concen: 3.28 ng/ul
RT: 13.96 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion: 65 Resp: 18887

Ion	Ratio	Lower	Upper
65	100		
92	45.9	50.9	76.3#
138	8.3	61.8	92.6#



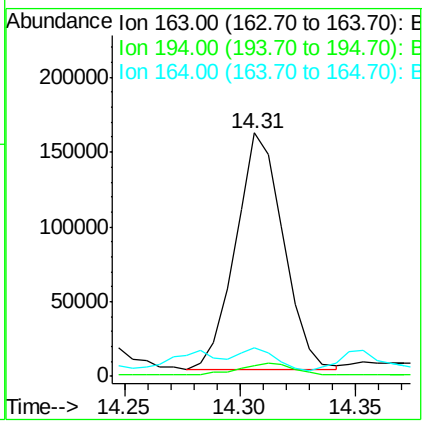


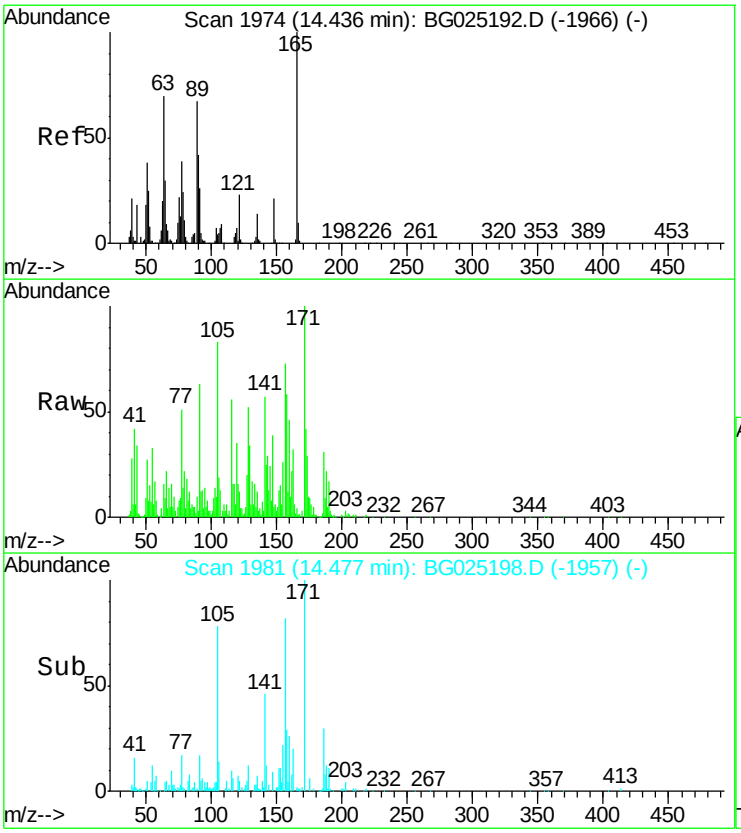
#44
Dimethylphthalate
Concen: 10.96 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:163 Resp: 226087

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.5	9.0	13.4

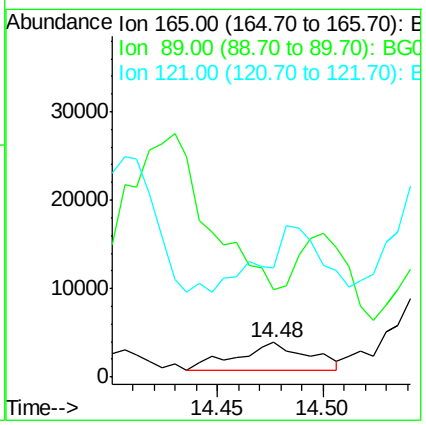


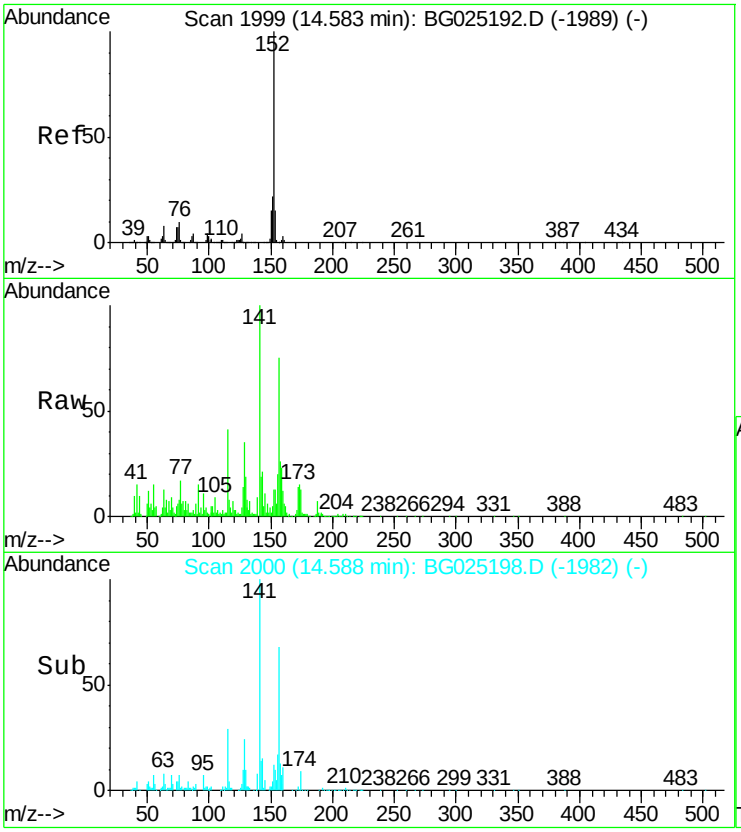


#45
2,6-Dinitrotoluene
Concen: 1.67 ng/ul
RT: 14.48 min Scan# 1981
Delta R.T. 0.04 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:165 Resp: 7395

Ion	Ratio	Lower	Upper
165	100		
89	252.1	52.9	79.3#
121	314.5	22.2	33.4#



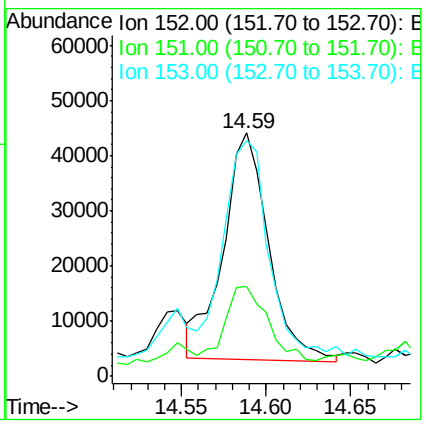


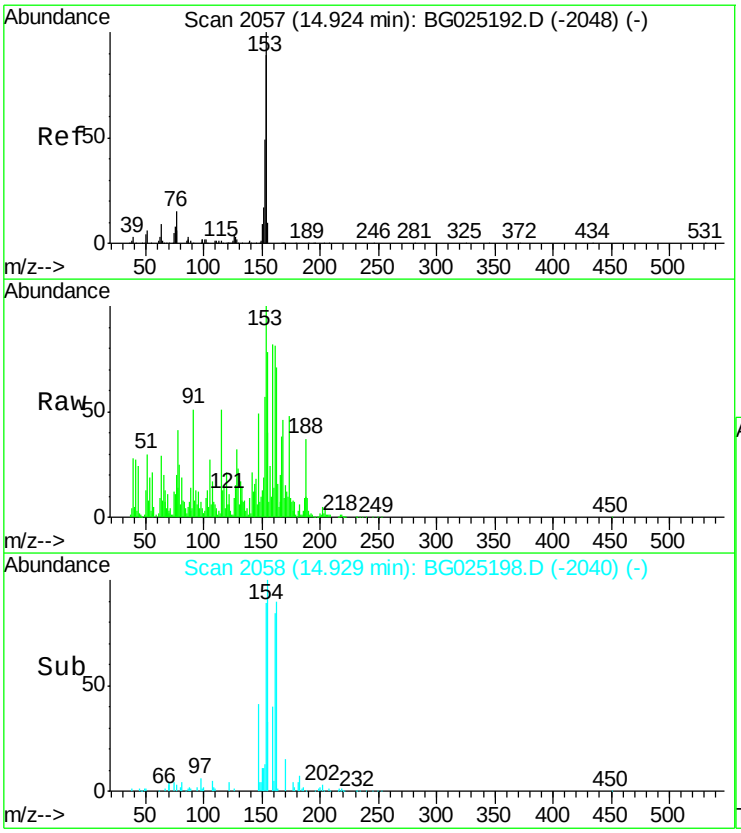
#47
Acenaphthylene
Concen: 3.44 ng/ul
RT: 14.59 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:152 Resp: 76795

Ion	Ratio	Lower	Upper
152	100		
151	37.2	16.7	25.1#
153	96.9	11.4	17.2#

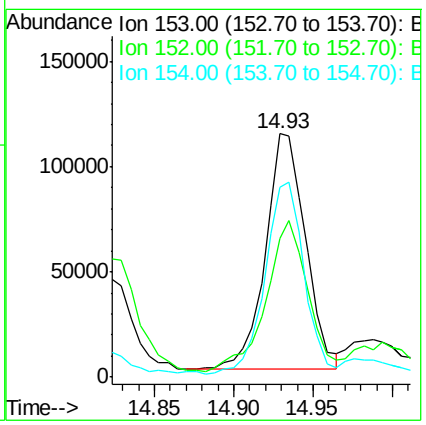


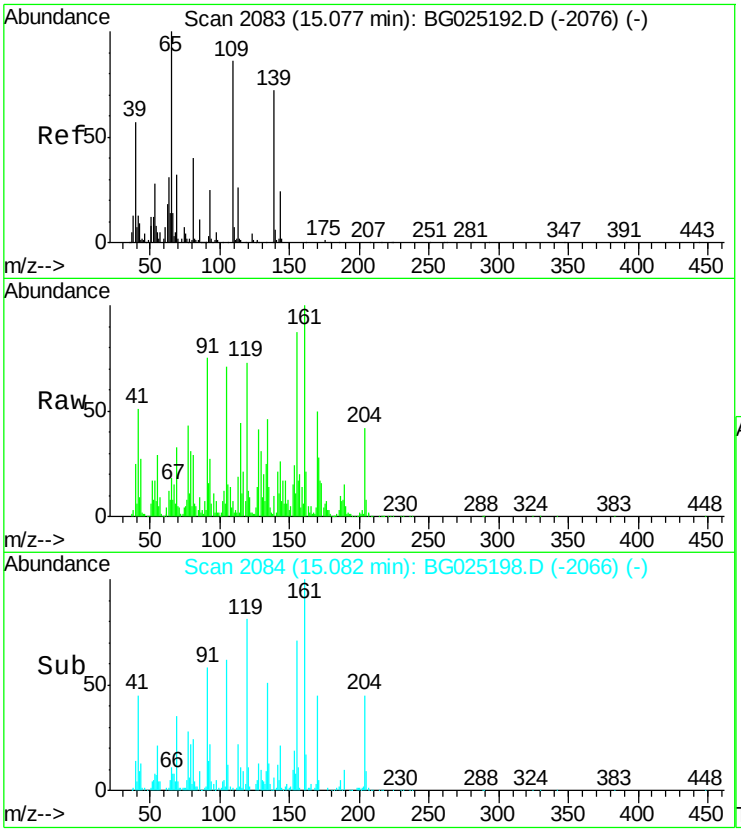


#49
Acenaphthene
Concen: 12.87 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:153 Resp: 197036

Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.5	54.7#
154	77.8	72.3	108.5



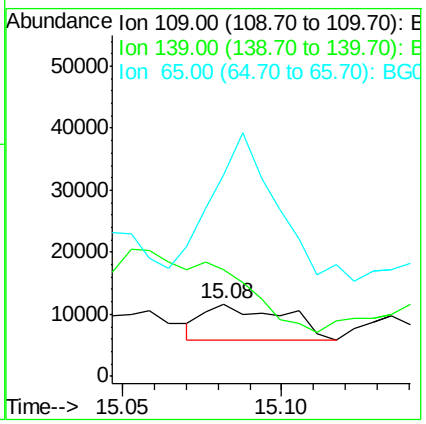


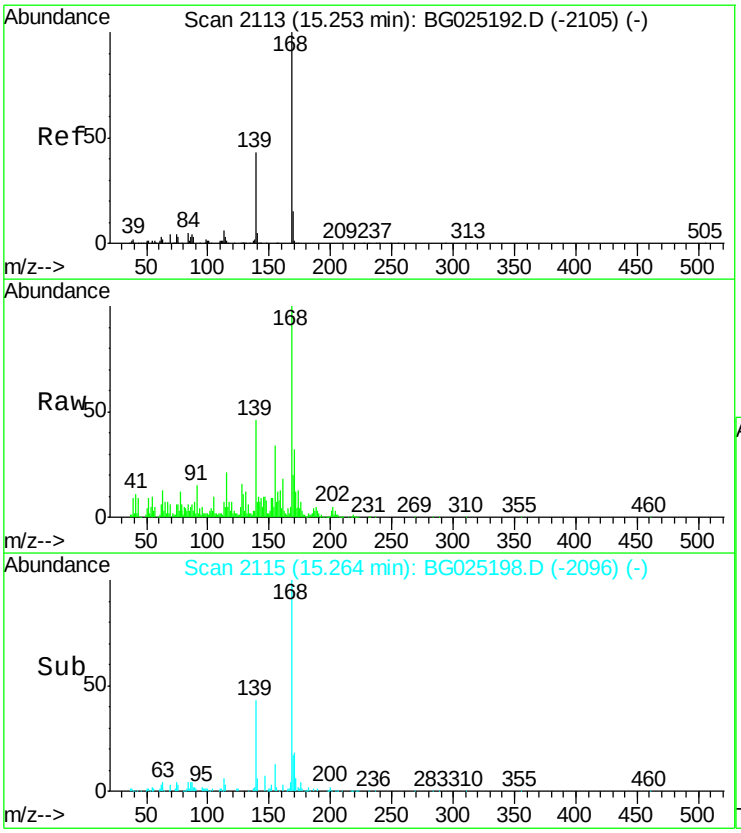
#52
4-Nitrophenol
Concen: 2.26 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:109 Resp: 9824

Ion	Ratio	Lower	Upper
109	100		
139	147.1	62.6	93.8#
65	278.7	90.4	135.6#

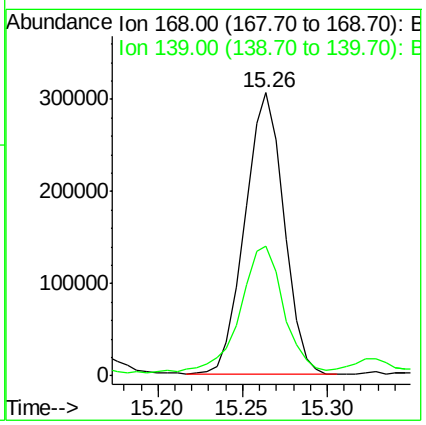


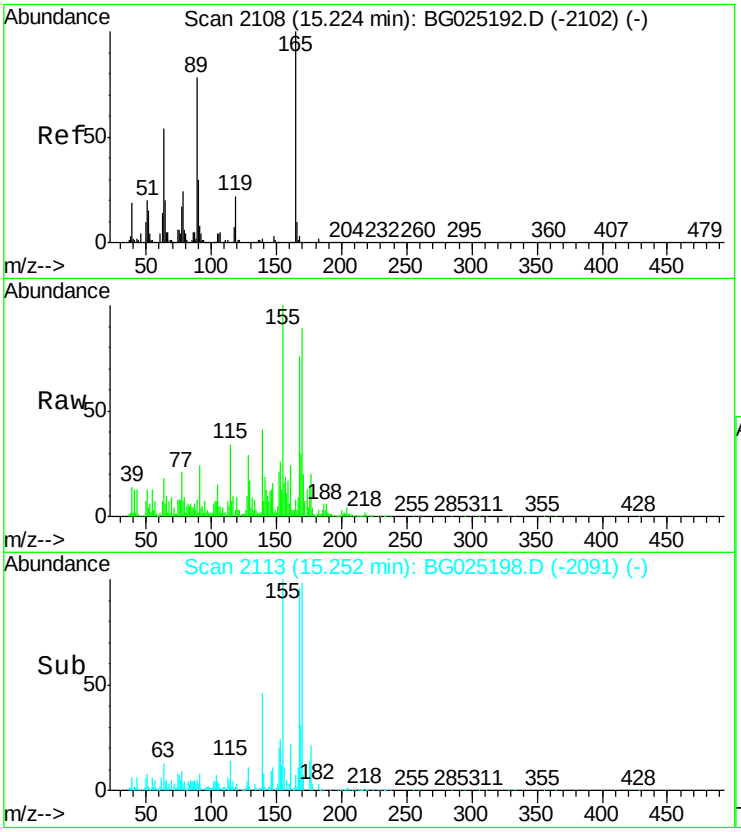


#53
Dibenzofuran
Concen: 20.12 ng/ul
RT: 15.26 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:168 Resp: 487108

Ion	Ratio	Lower	Upper
168	100		
139	45.7	33.8	50.8



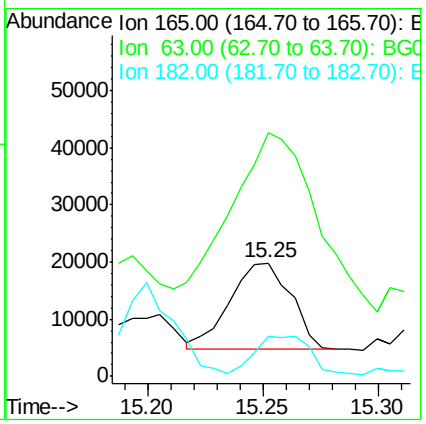


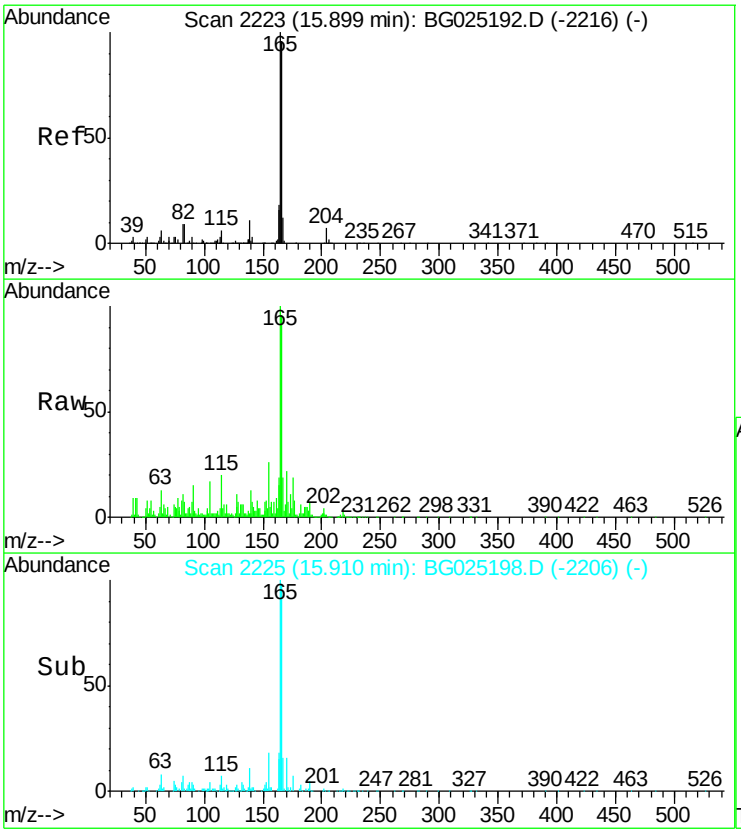
#54
2,4-Dinitrotoluene
Concen: 4.18 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.03 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:165 Resp: 27884

Ion	Ratio	Lower	Upper
165	100		
63	214.8	46.8	70.2#
182	35.8	1.8	2.6#

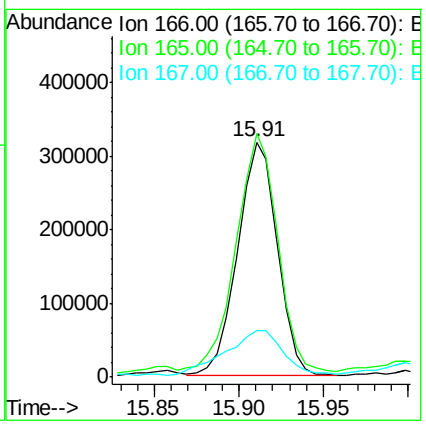


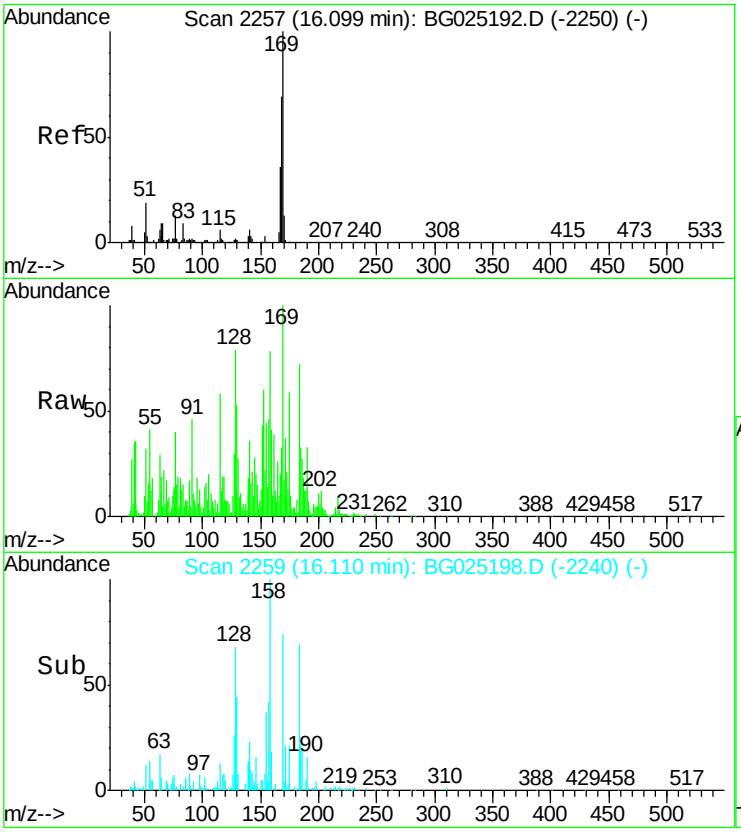


#58
Fluorene
Concen: 26.21 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:166 Resp: 516686

Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.7	119.5
167	19.8	11.4	17.2#



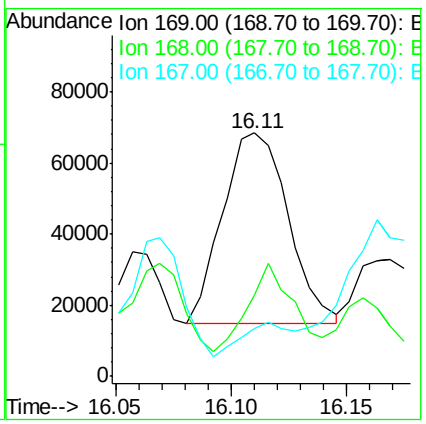


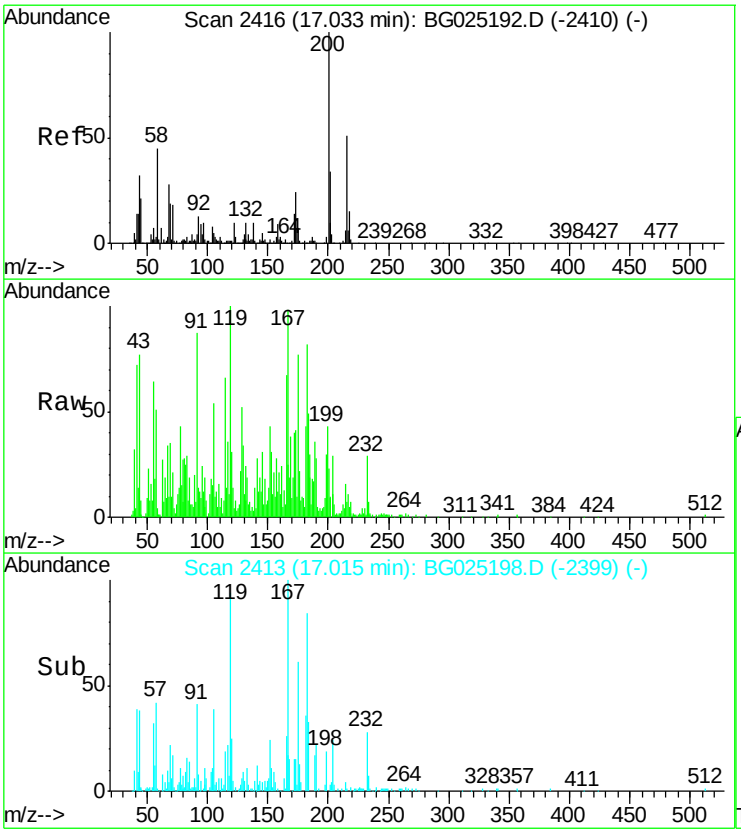
#64
N-Nitrosodiphenylamine
Concen: 6.75 ng/ul
RT: 16.11 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:169 Resp: 105163

Ion	Ratio	Lower	Upper
169	100		
168	33.4	59.1	88.7#
167	19.8	29.7	44.5#

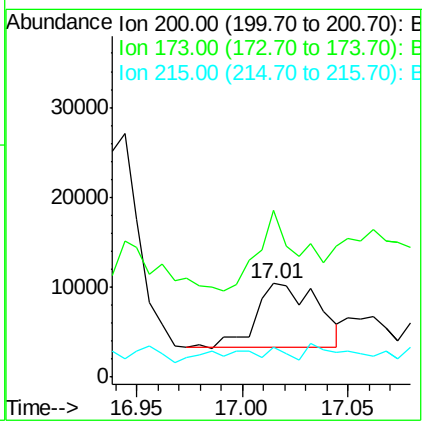


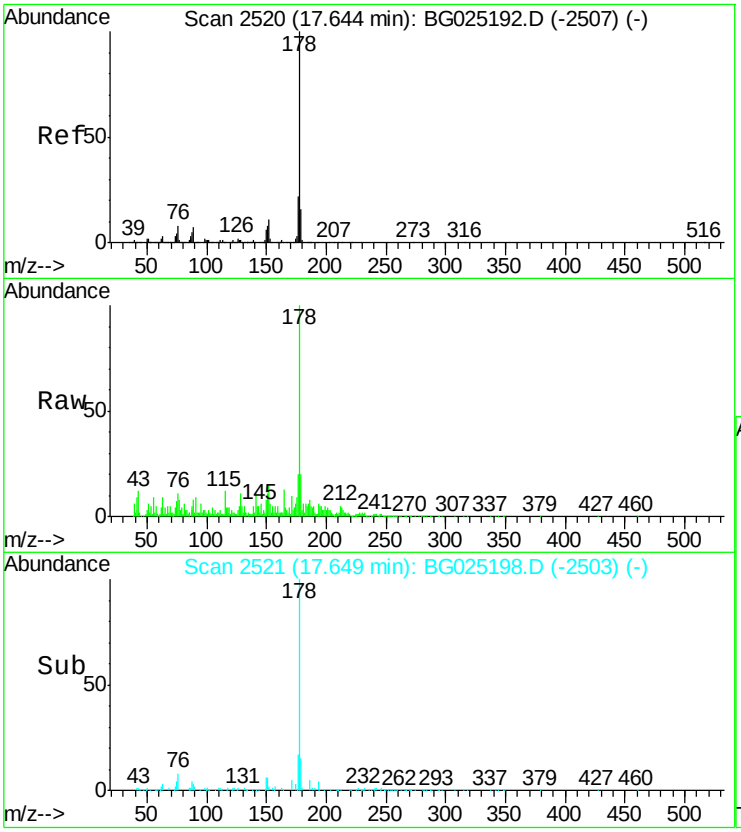


#67
Atrazine
Concen: 1.95 ng/ul
RT: 17.01 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:200 Resp: 14430

Ion	Ratio	Lower	Upper
200	100		
173	179.3	19.2	28.8#
215	32.3	40.3	60.5#



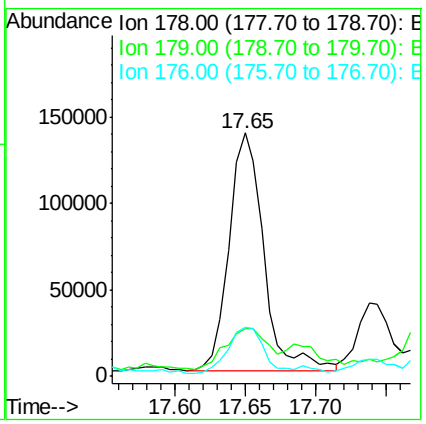


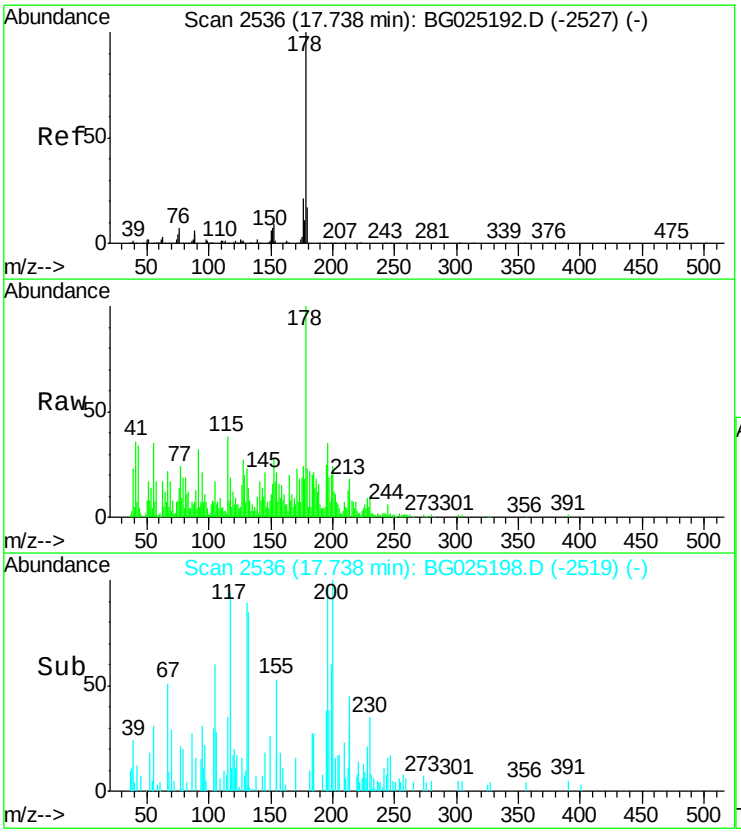
#69
Phenanthrene
Concen: 8.19 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Instrument :
BNA_G
ClientSampleId :
DA847

Tgt Ion:178 Resp: 236560

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.4	18.6#
176	20.0	16.5	24.7





#71
Anthracene
Concen: 1.76 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BG025198.D
Acq: 15 Dec 2016 5:28

Tgt Ion:178 Resp: 52199

Ion	Ratio	Lower	Upper
178	100		
179	23.2	12.6	19.0#
176	23.9	15.9	23.9#