Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 06:40:10 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	8.23	152	102452	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	467434	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	333667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	699907	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	876115	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	915881	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	12452	6.28	ng/uL	0.00
5) Phenol-d5	7.38	99	212123	24.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	136774	25.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	149447	24.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	192300	26.03	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	92252	27.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	101223	24.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	186906	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	518539	66.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	561605	24.47	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	660351	26.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	104613	26.52	ng/ul	0.02
57) Fluorene-d10	15.85	176	690663	31.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	119205	27.55	ng/ul	0.00
70) Anthracene-d10	17.70	188	785789	26.60	ng/ul	0.00
76) Pyrene-d10	19.97	212	931577	25.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	974466	26.26	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	18460	2.77	ng/ul#	1
6) Phenol	7.41	94	16154	1.78	ng/ul#	93
11) 2-Methylphenol	8.67	108	19022	2.85	ng/ul	87
14) Acetophenone	9.03	105	103796	9.23	ng/ul#	30
16) 4-Methylphenol	9.00	108	54639	7.35	ng/ul	94
17) Hexachloroethane	9.34	117	33358	12.12	ng/ul#	1
24) 2,4-Dimethylphenol	10.21	107	135679	14.17	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.48	93	16234	1.65	ng/ul#	35
27) 2,4-Dichlorophenol	10.69	162	125601	16.30	ng/ul#	31
28) Naphthalene	11.12	128	1237769	56.96	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	2146828	125.20	ng/ul	93
40) 1,1'-Biphenyl	13.70	154	478311	23.64	ng/ul	98
44) Dimethylphthalate	14.30	163	405328	17.97	ng/ul#	98
47) Acenaphthylene	14.58	152	48106	1.97	ng/ul#	1
49) Acenaphthene	14.93	153	117407	7.01	ng/ul#	89
50) 2,4-Dinitrophenol	14.96	184	3213	1.02	ng/ul#	1
53) Dibenzofuran	15.26	168	307801	11.62	ng/ul	94
58) Fluorene	15.90	166	324870	15.07	ng/ul#	98
64) N-Nitrosodiphenylamine	16.11	169	62806	3.49	ng/ul#	64
69) Phenanthrene	17.65	178	140921	4.22	ng/ul#	91
71) Anthracene	17.74	178	37200	1.08	ng/ul#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 06:40:10 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
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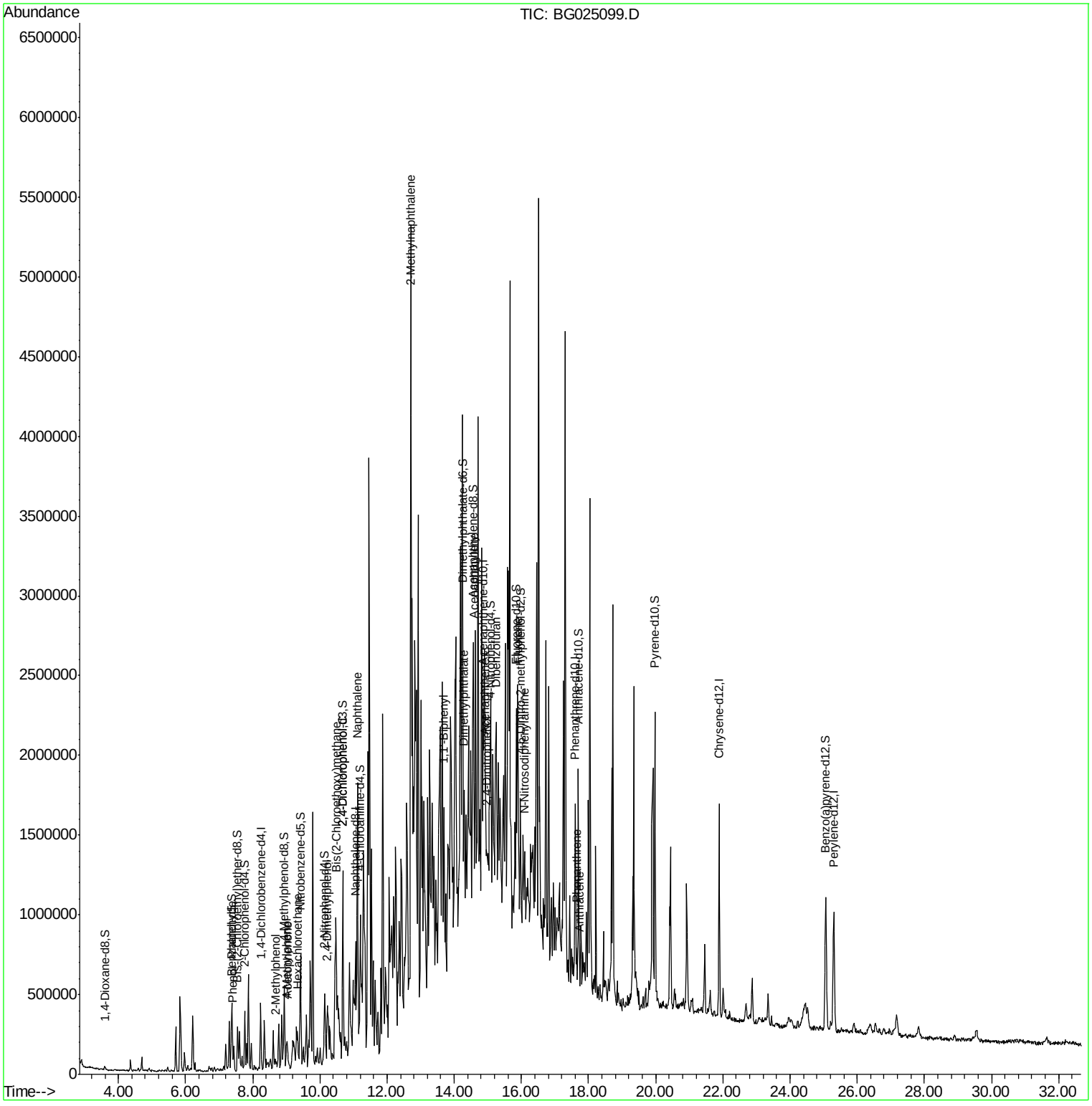
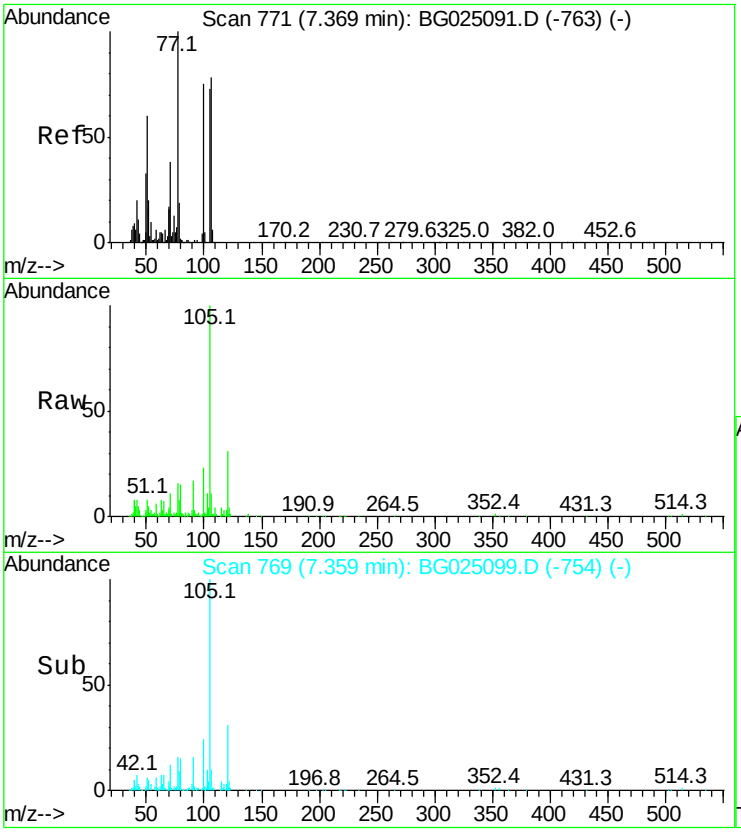
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration



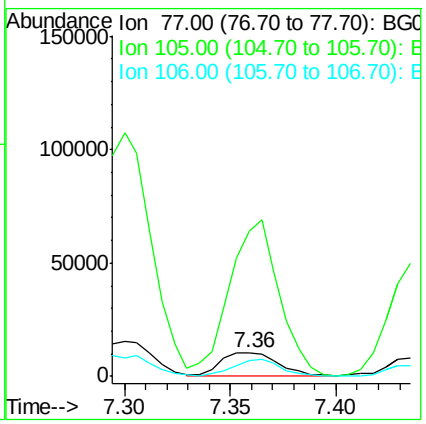


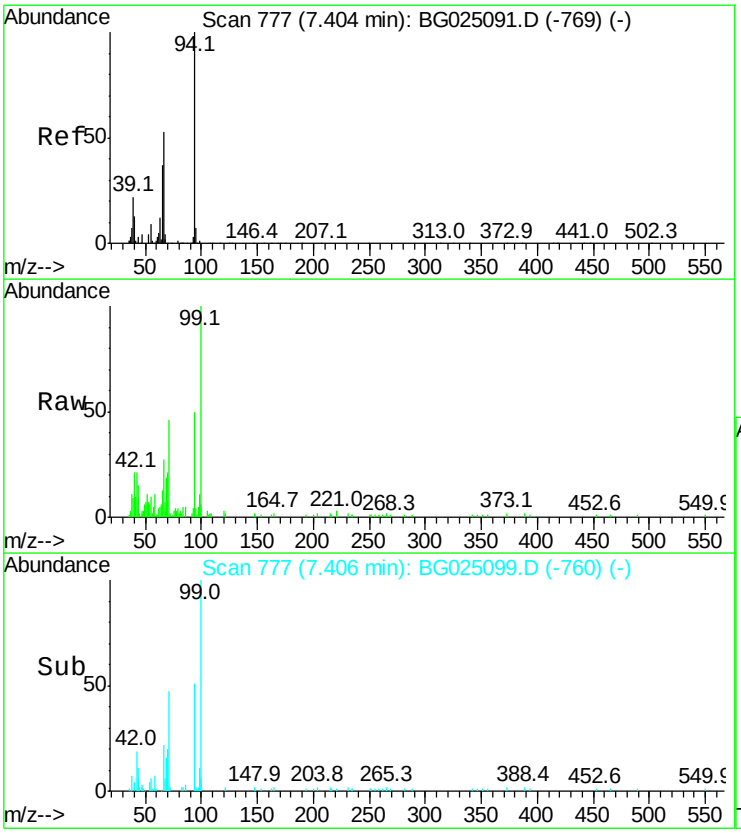
#4
Benzaldehyde
Concen: 2.77 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 18460

Ion	Ratio	Lower	Upper
77	100		
105	607.9	62.0	93.0#
106	64.2	60.2	90.4

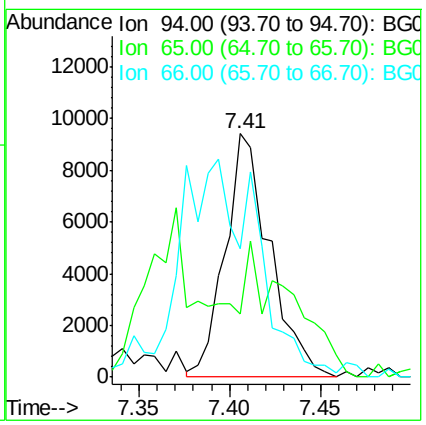


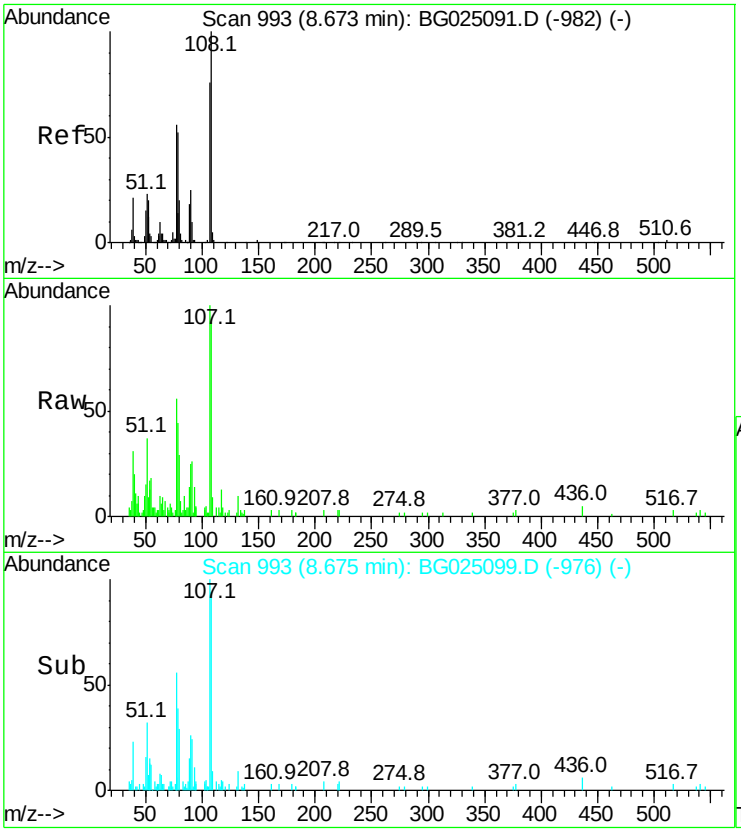


#6
Phenol
Concen: 1.78 ng/ul
RT: 7.41 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion: 94 Resp: 16154

Ion	Ratio	Lower	Upper
94	100		
65	26.1	26.8	40.2#
66	52.8	44.4	66.6



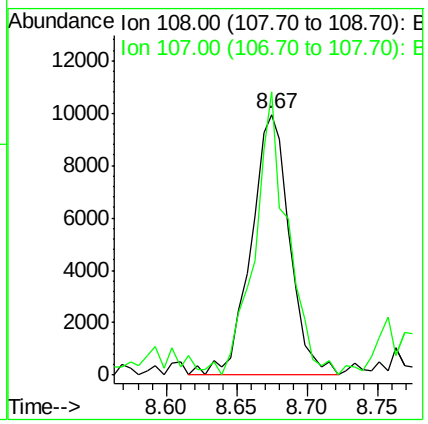


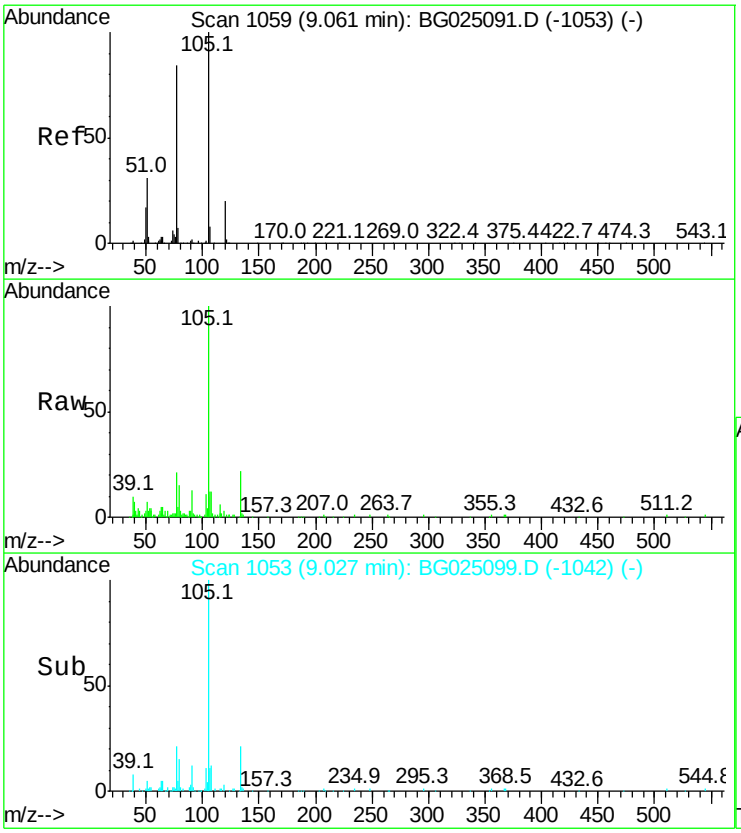
#11
2-Methylphenol
Concen: 2.85 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 19022

Ion	Ratio	Lower	Upper
108	100		
107	108.7	76.7	115.1

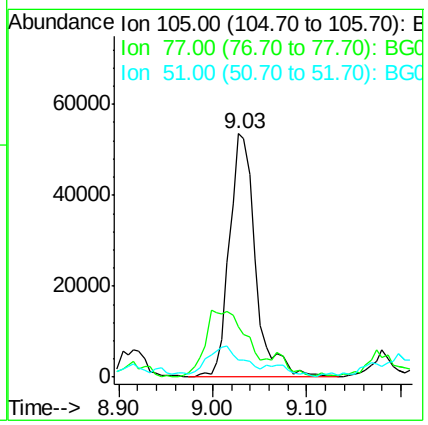


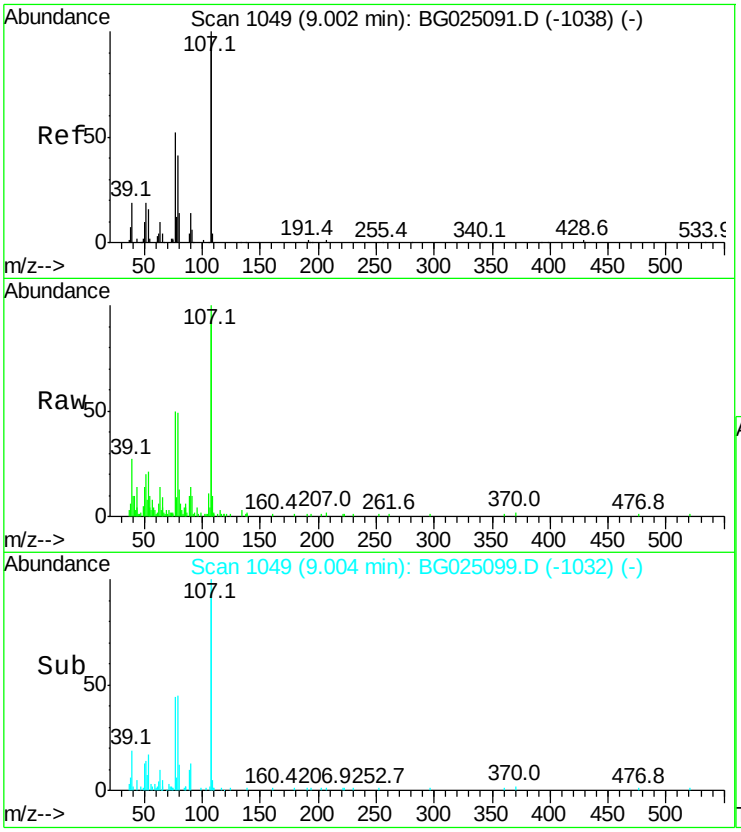


#14
Acetophenone
Concen: 9.23 ng/ul
RT: 9.03 min Scan# 1053
Delta R.T. -0.03 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:105 Resp: 103796

Ion	Ratio	Lower	Upper
105	100		
77	20.9	76.0	114.0#
51	6.9	34.8	52.2#



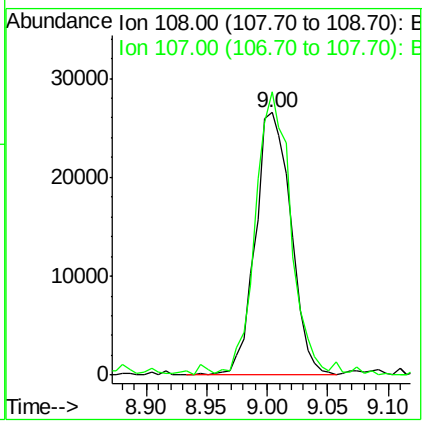


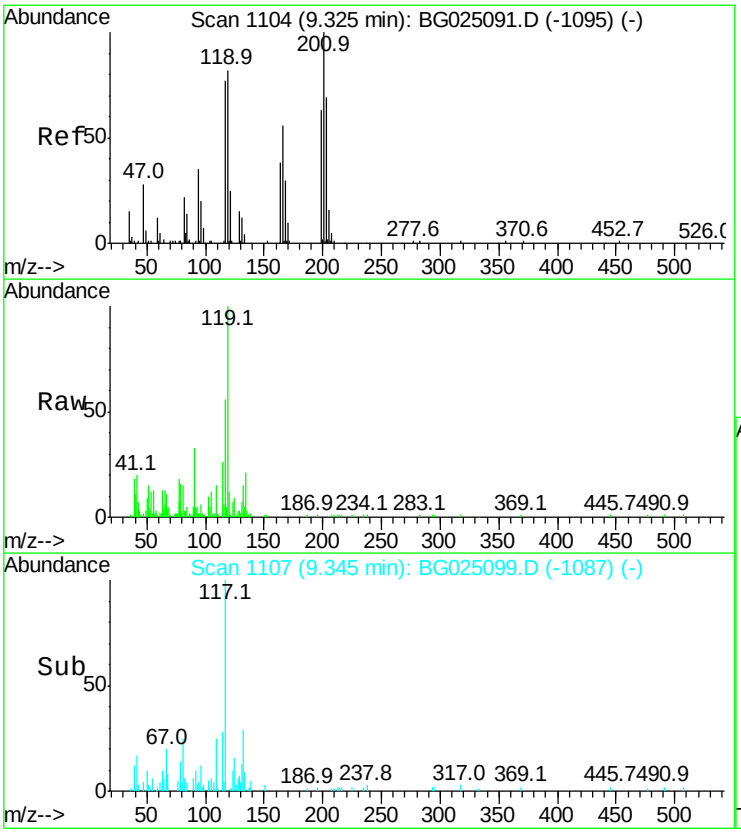
#16
4-Methylphenol
Concen: 7.35 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 54639

Ion	Ratio	Lower	Upper
108	100		
107	107.8	91.7	137.5

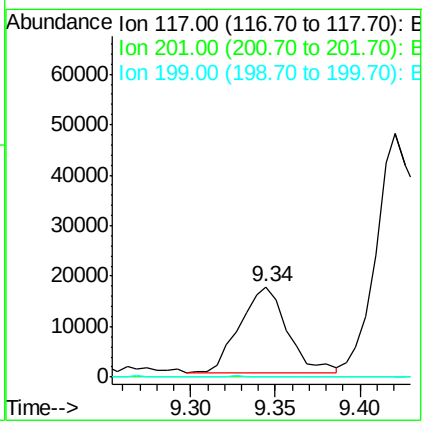


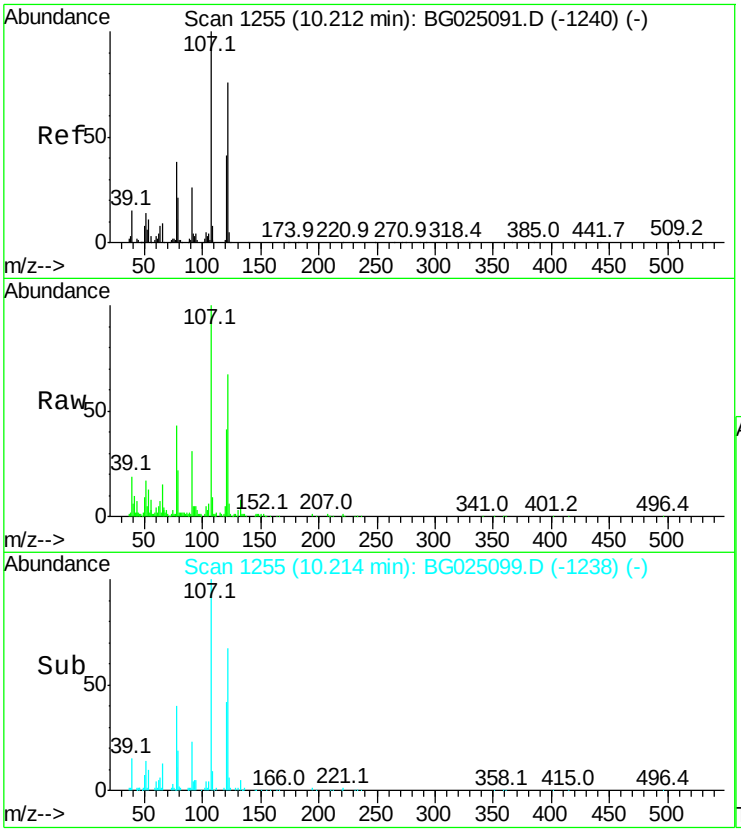


#17
Hexachloroethane
Concen: 12.12 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:117 Resp: 33358

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



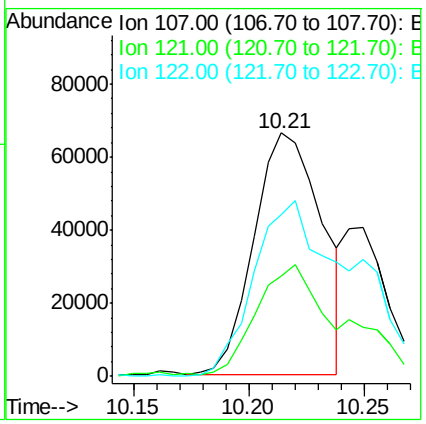


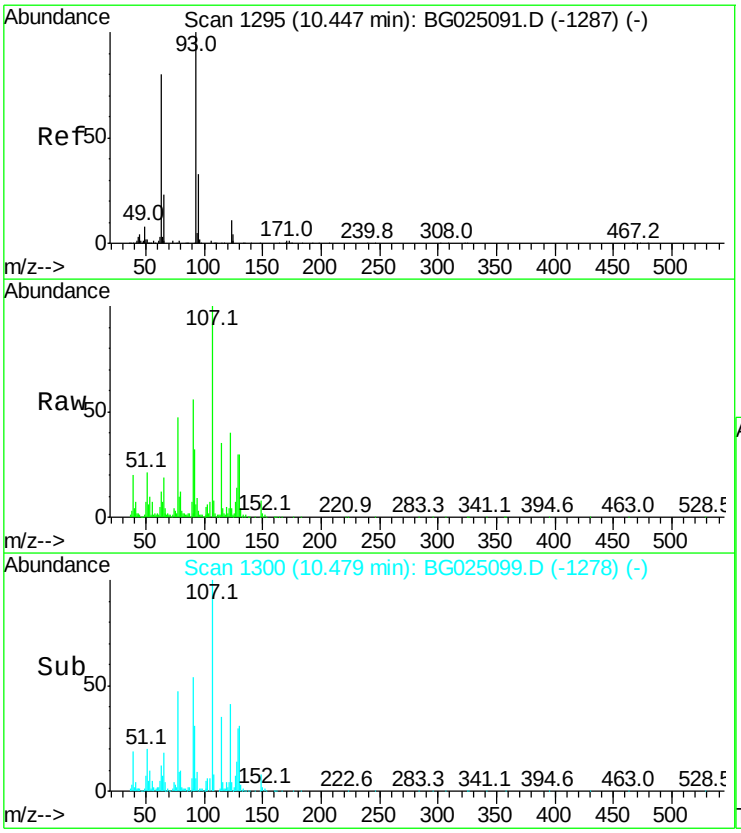
#24
2,4-Dimethylphenol
Concen: 14.17 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 135679

Ion	Ratio	Lower	Upper
107	100		
121	41.0	32.3	48.5
122	66.7	61.2	91.8

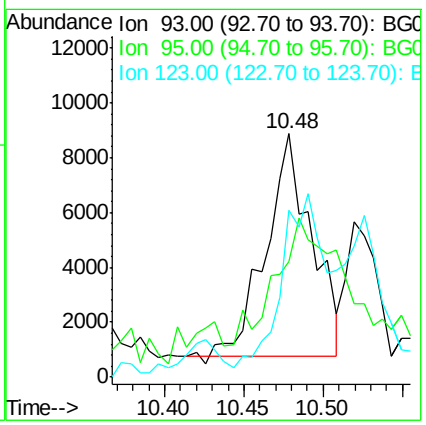


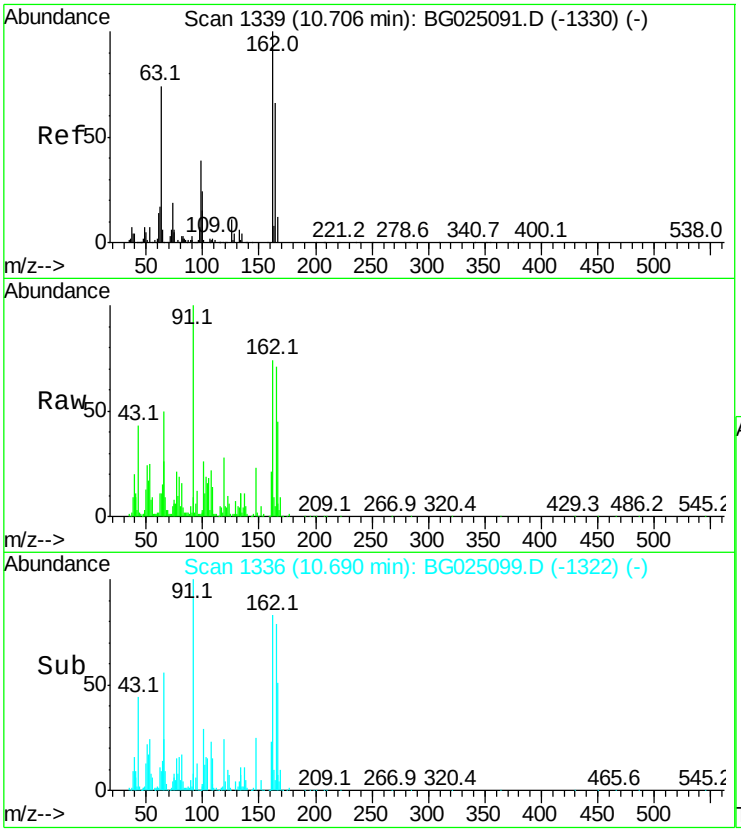


#25
Bis(2-Chloroethoxy)methane
Concen: 1.65 ng/ul
RT: 10.48 min Scan# 1300
Delta R.T. 0.03 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion: 93 Resp: 16234

Ion	Ratio	Lower	Upper
93	100		
95	47.3	23.4	35.0#
123	68.3	7.8	11.6#



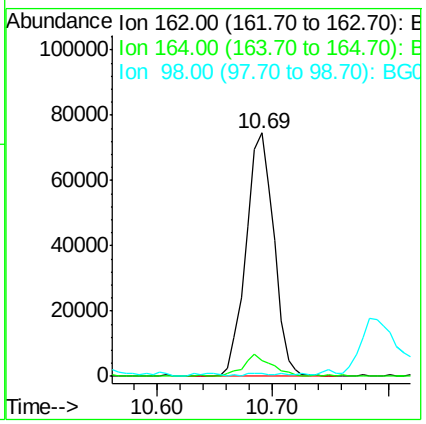


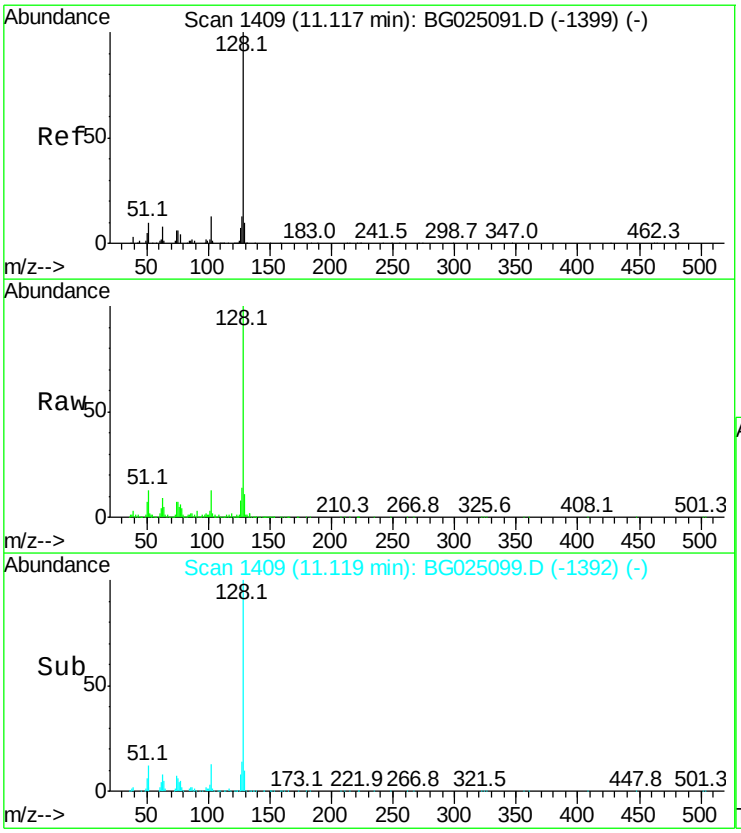
#27
2,4-Dichlorophenol
Concen: 16.30 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 125601

Ion	Ratio	Lower	Upper
162	100		
164	6.2	50.8	76.2#
98	1.4	32.1	48.1#

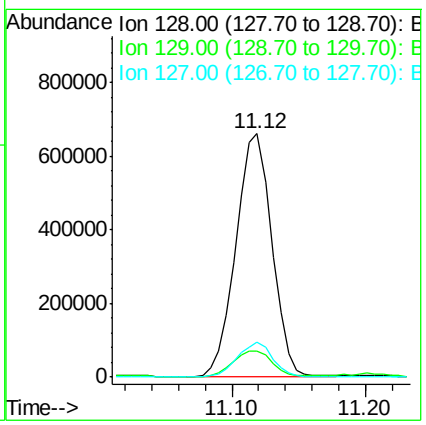


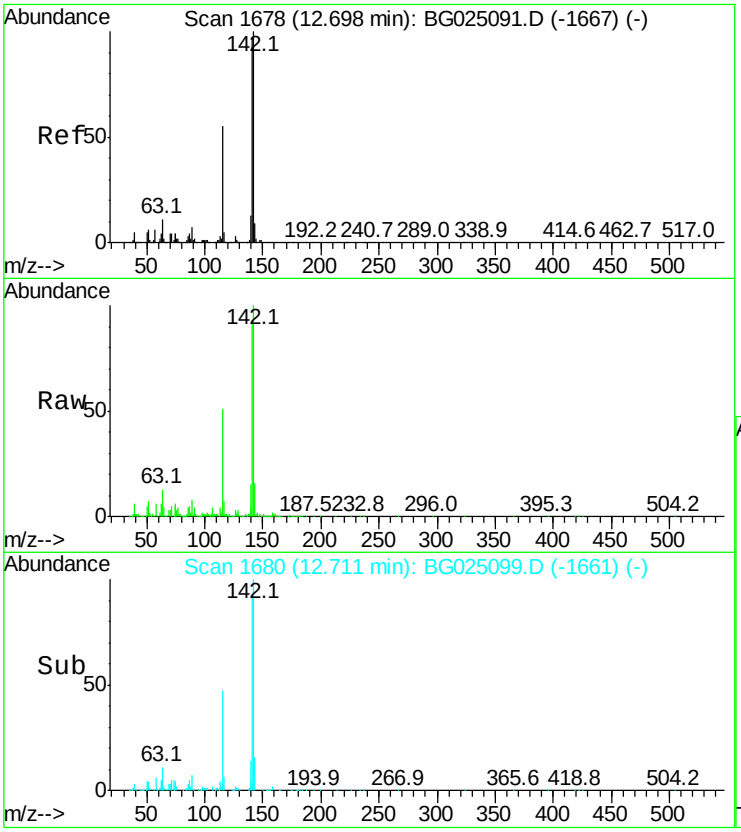


#28
Naphthalene
Concen: 56.96 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:128 Resp: 1237769

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	14.4	10.3	15.5



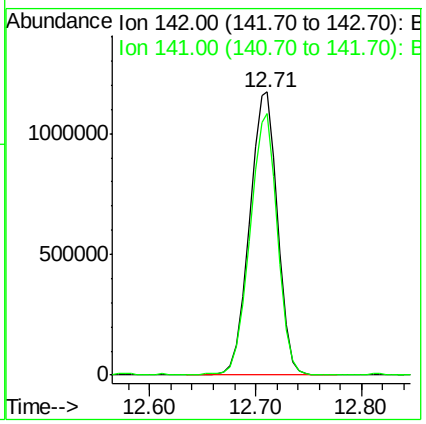


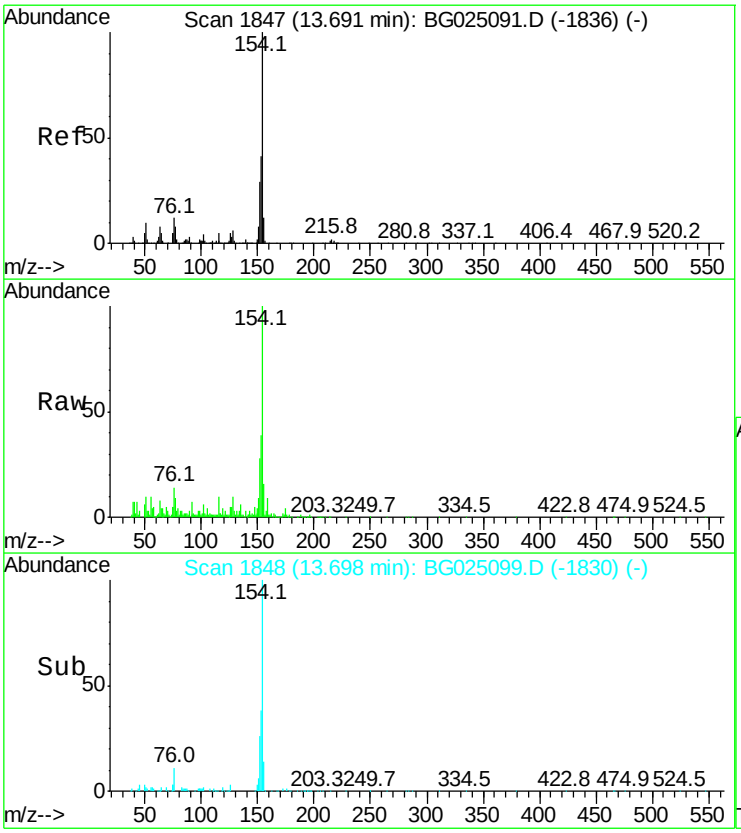
#34
2-Methylnaphthalene
Concen: 125.20 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 2146828

Ion	Ratio	Lower	Upper
142	100		
141	92.5	68.6	102.8

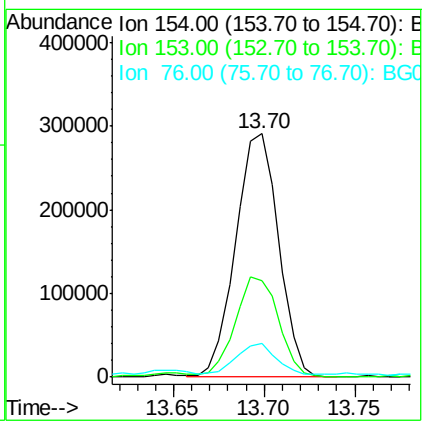


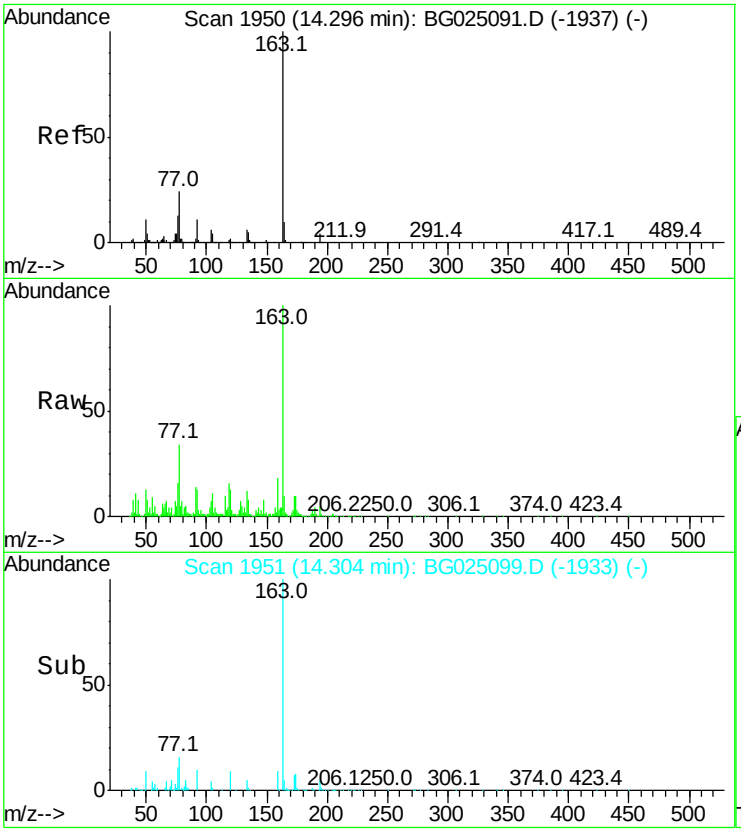


#40
1,1'-Biphenyl
Concen: 23.64 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:154 Resp: 478311

Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.2	48.2
76	13.9	9.6	14.4



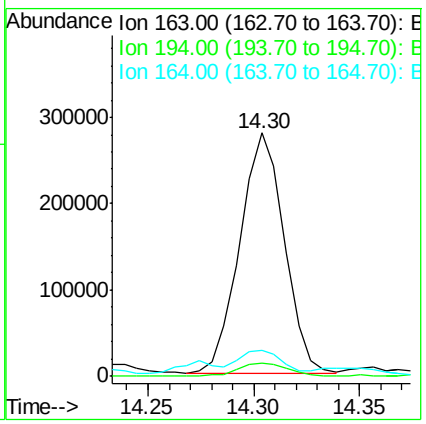


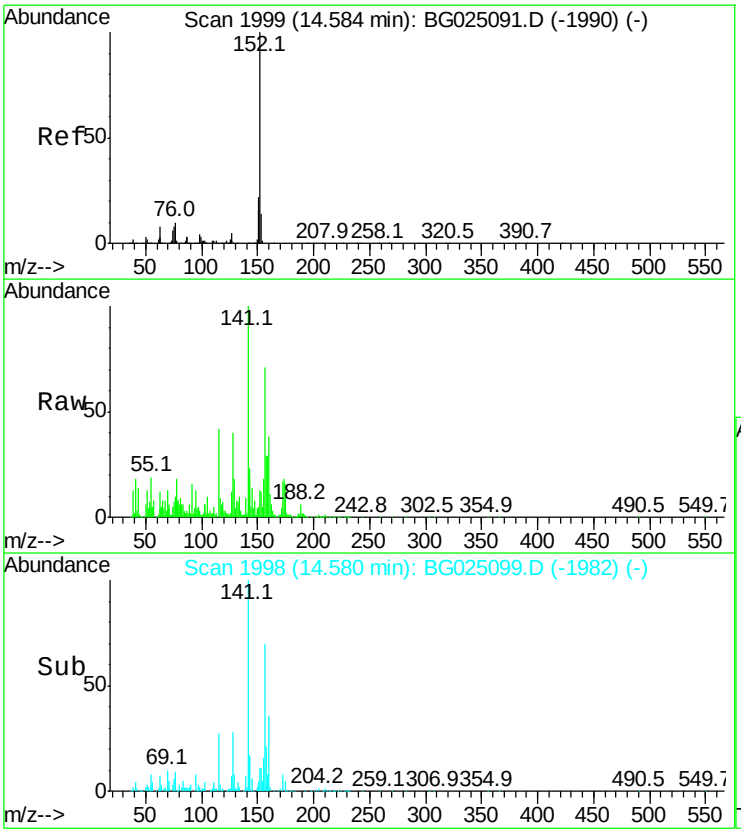
#44
Dimethylphthalate
Concen: 17.97 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 405328

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.0#
164	10.4	9.0	13.4

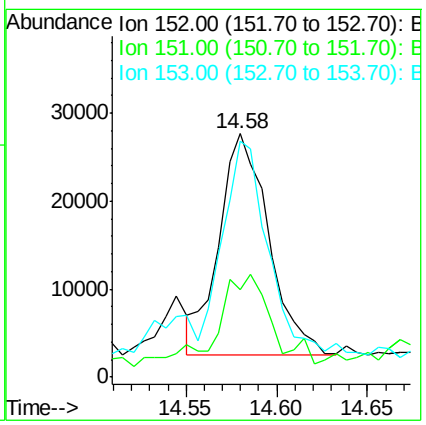


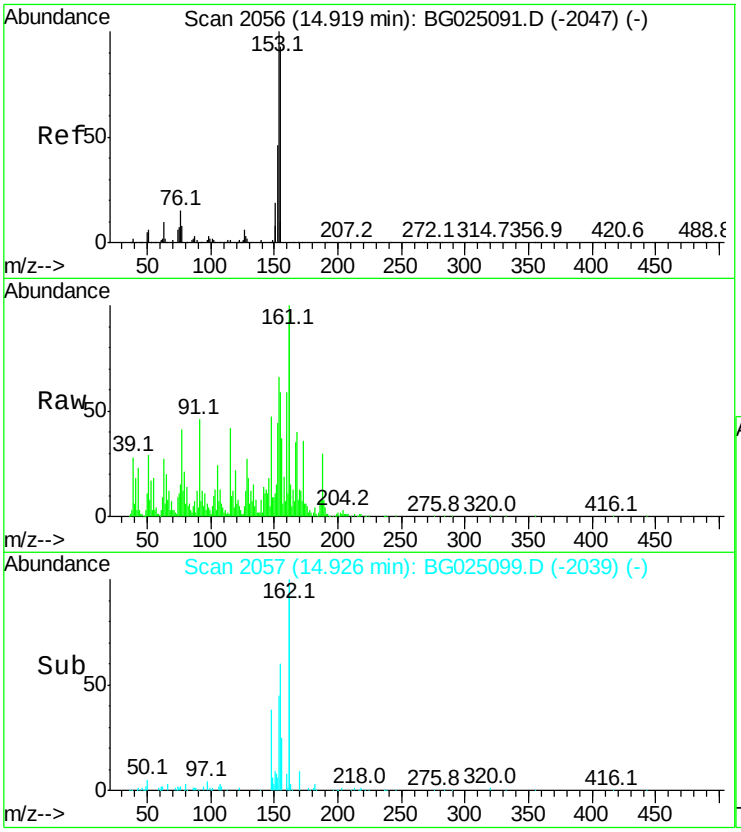


#47
Acenaphthylene
Concen: 1.97 ng/ul
RT: 14.58 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:152 Resp: 48106

Ion	Ratio	Lower	Upper
152	100		
151	36.0	16.7	25.1#
153	97.1	11.4	17.2#



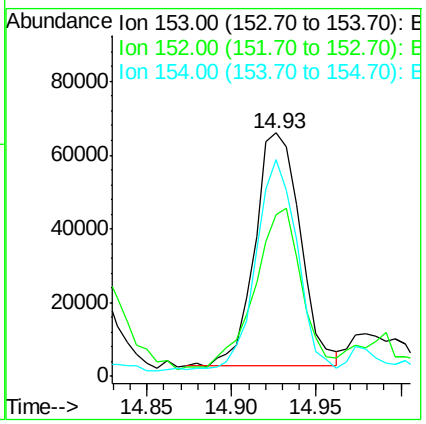


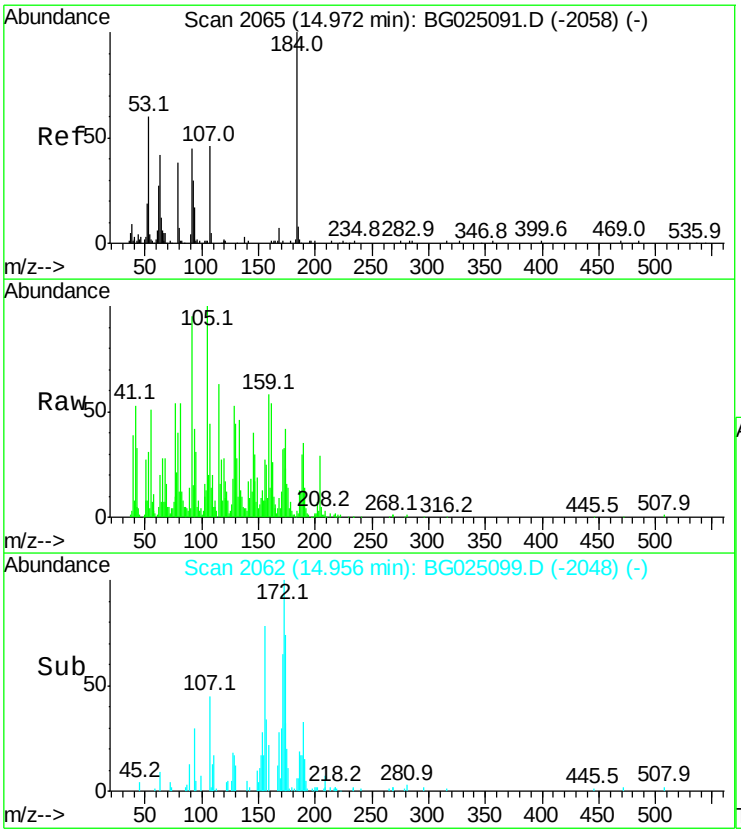
#49
Acenaphthene
Concen: 7.01 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 117407

Ion	Ratio	Lower	Upper
153	100		
152	66.6	36.5	54.7#
154	89.3	72.3	108.5

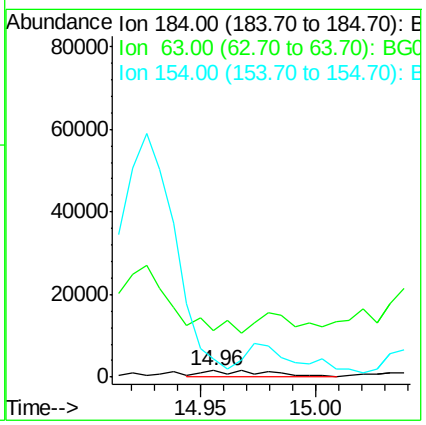


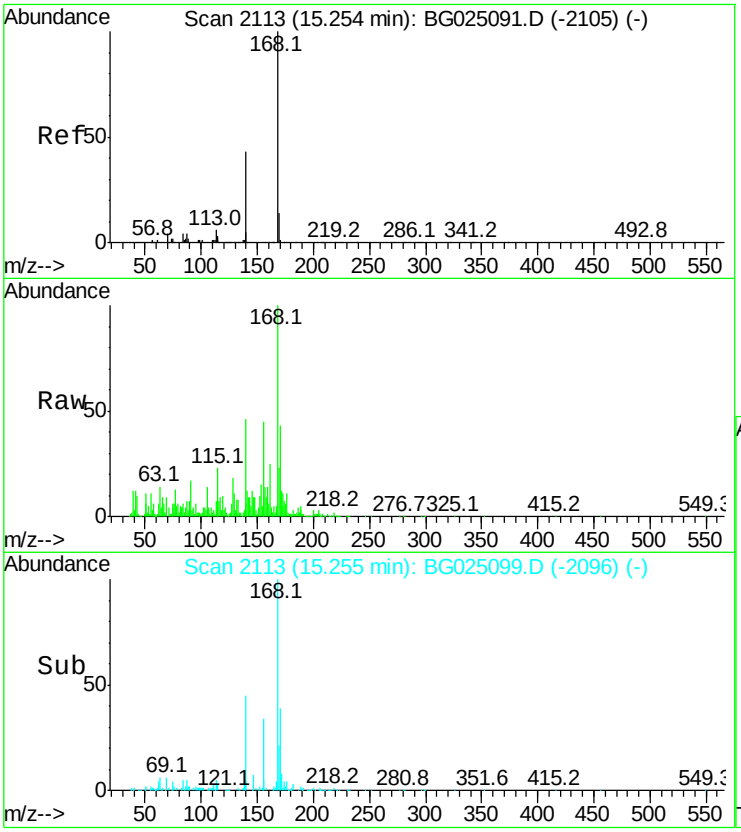


#50
2,4-Dinitrophenol
Concen: 1.02 ng/ul
RT: 14.96 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:184 Resp: 3213

Ion	Ratio	Lower	Upper
184	100		
63	695.8	65.1	97.7#
154	277.8	68.2	102.4#



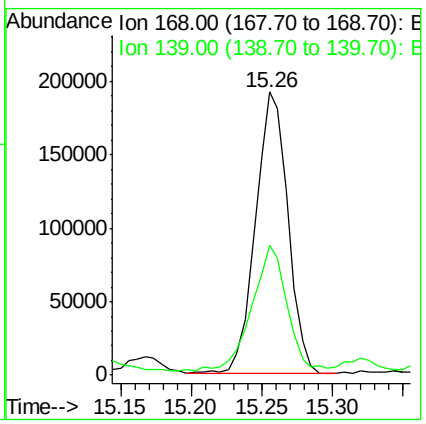


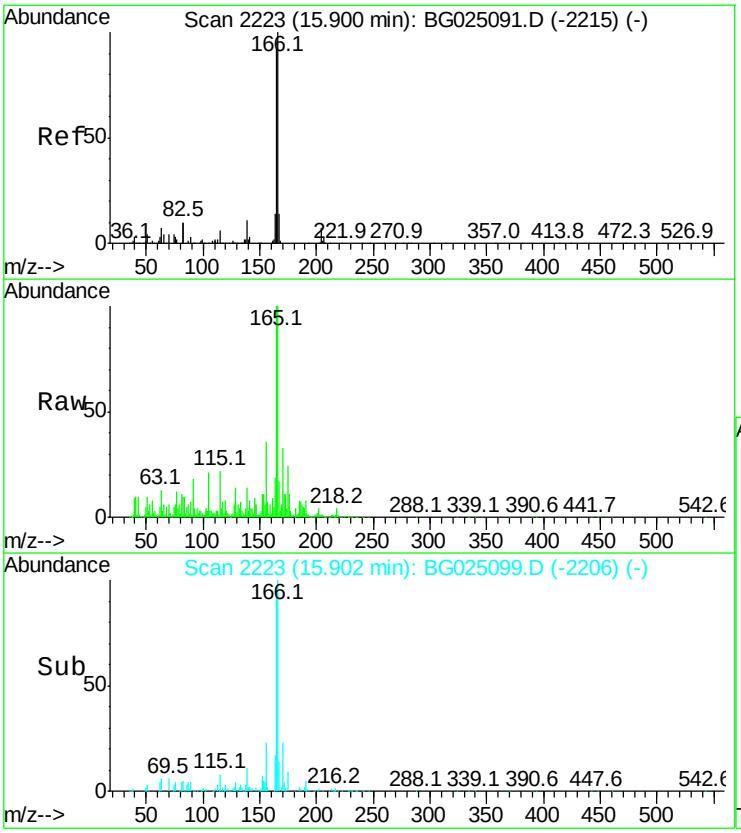
#53
Dibenzofuran
Concen: 11.62 ng/ul
RT: 15.26 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 307801

Ion	Ratio	Lower	Upper
168	100		
139	45.8	33.8	50.8

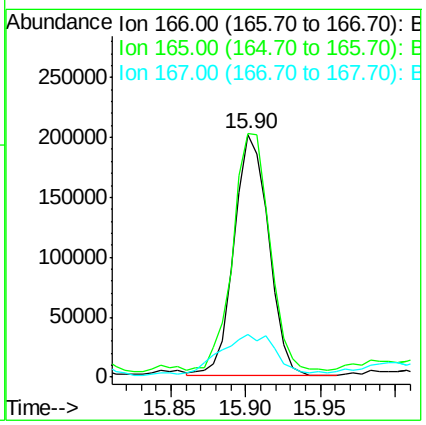


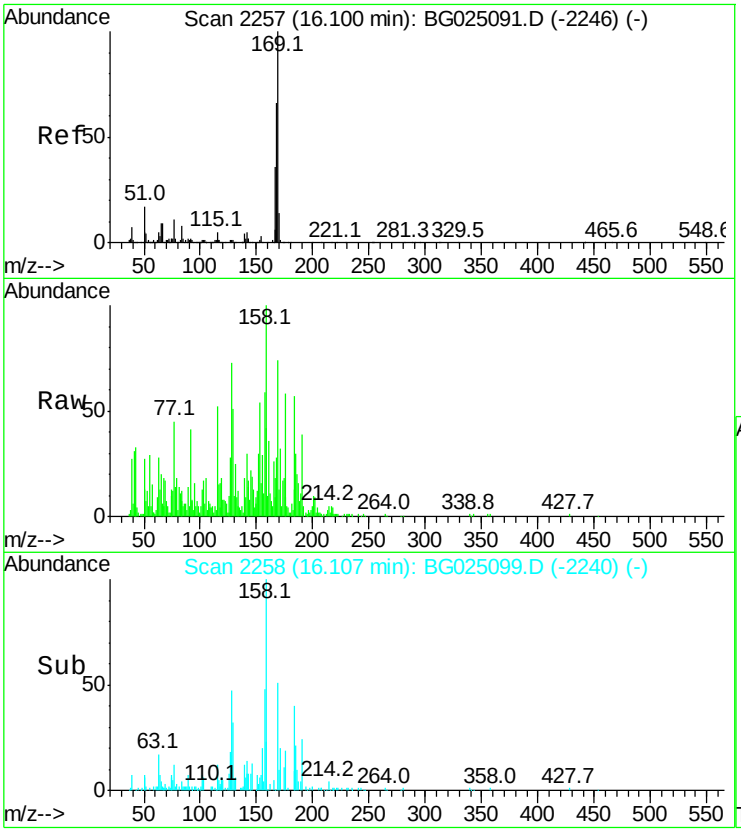


#58
Fluorene
Concen: 15.07 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:166 Resp: 324870

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.7	119.5
167	17.5	11.4	17.2#



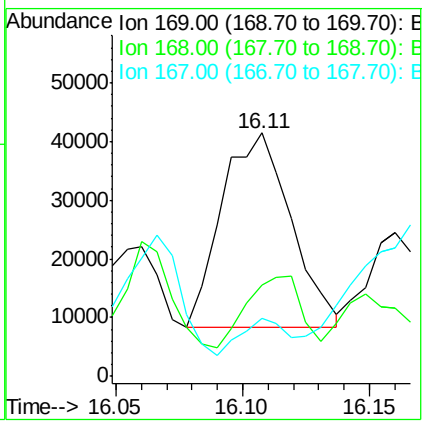


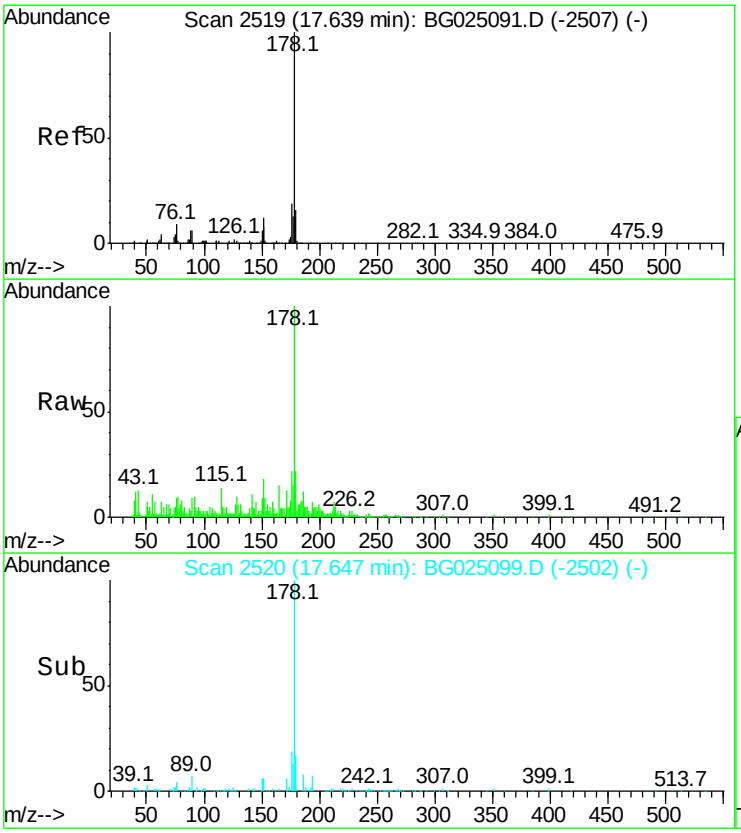
#64
N-Nitrosodiphenylamine
Concen: 3.49 ng/ul
RT: 16.11 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 62806

Ion	Ratio	Lower	Upper
169	100		
168	37.8	59.1	88.7#
167	23.9	29.7	44.5#

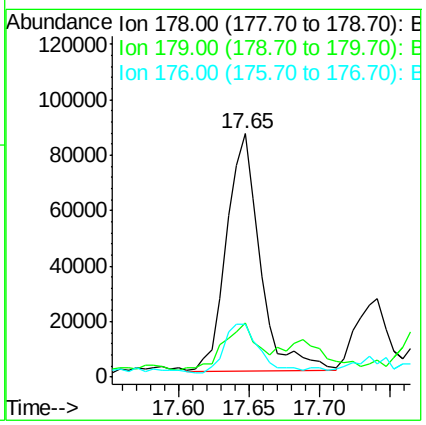


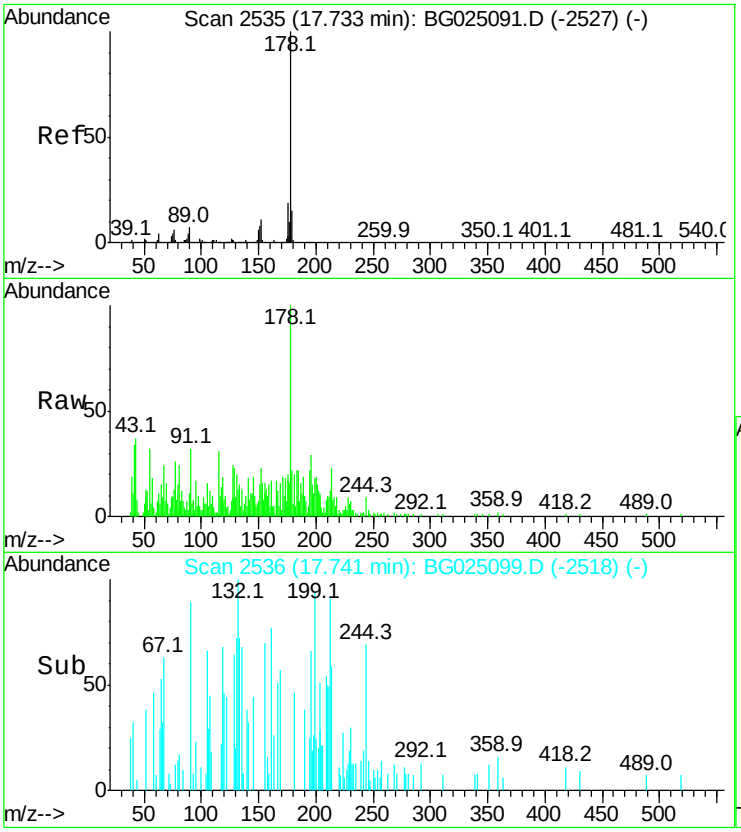


#69
Phenanthrene
Concen: 4.22 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Tgt Ion:178 Resp: 140921

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.4	18.6#
176	21.8	16.5	24.7





#71
Anthracene
Concen: 1.08 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BG025099.D
Acq: 11 Dec 2016 11:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 37200

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.6	19.0#
176	17.3	15.9	23.9