Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 06:38:27 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	104904	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	512538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	372708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	751428	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	914457	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	932595	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	10511	5.18	ng/uL	0.00
5) Phenol-d5	7.38	99	256614	28.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	155825	27.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	180745	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	219751	29.06	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	104594	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	119469	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	232348	26.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	127687	14.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	689684	26.90	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	800538	28.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	116228	26.38	ng/ul	0.02
57) Fluorene-d10	15.84	176	648310	26.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	138130	29.73	ng/ul	0.00
70) Anthracene-d10	17.70	188	923772	29.13	ng/ul	0.00
76) Pyrene-d10	19.97	212	1068072	28.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1114642	29.50	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.41	94	50044	5.39	ng/ul#	89
11) 2-Methylphenol	8.68	108	13764	2.01	ng/ul#	79
14) Acetophenone	9.06	105	12812	1.11	ng/ul	91
16) 4-Methylphenol	9.00	108	21557	2.83	ng/ul	98
17) Hexachloroethane	9.34	117	4468	1.59	ng/ul#	1
24) 2,4-Dimethylphenol	10.24	107	13428	1.28	ng/ul	89
28) Naphthalene	11.12	128	185138	7.77	ng/ul	95
34) 2-Methylnaphthalene	12.70	142	198778	10.57	ng/ul	91
40) 1,1'-Biphenyl	13.69	154	26883	1.19	ng/ul	91
44) Dimethylphthalate	14.30	163	203772	8.09	ng/ul	99
49) Acenaphthene	14.92	153	20103	1.07	ng/ul#	81
53) Dibenzofuran	15.25	168	86198	2.91	ng/ul	96
58) Fluorene	15.90	166	44016	1.83	ng/ul#	95
64) N-Nitrosodiphenylamine	16.10	169	33914	1.75	ng/ul#	53
69) Phenanthrene	17.64	178	248579	6.93	ng/ul	97
74) Fluoranthene	19.64	202	80753	1.89	ng/ul#	89
77) Pyrene	20.00	202	146479	3.33	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	56220	1.18	ng/ul#	58
82) Chrysene	21.95	228	59541	1.34	ng/ul#	46

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 06:38:27 2016
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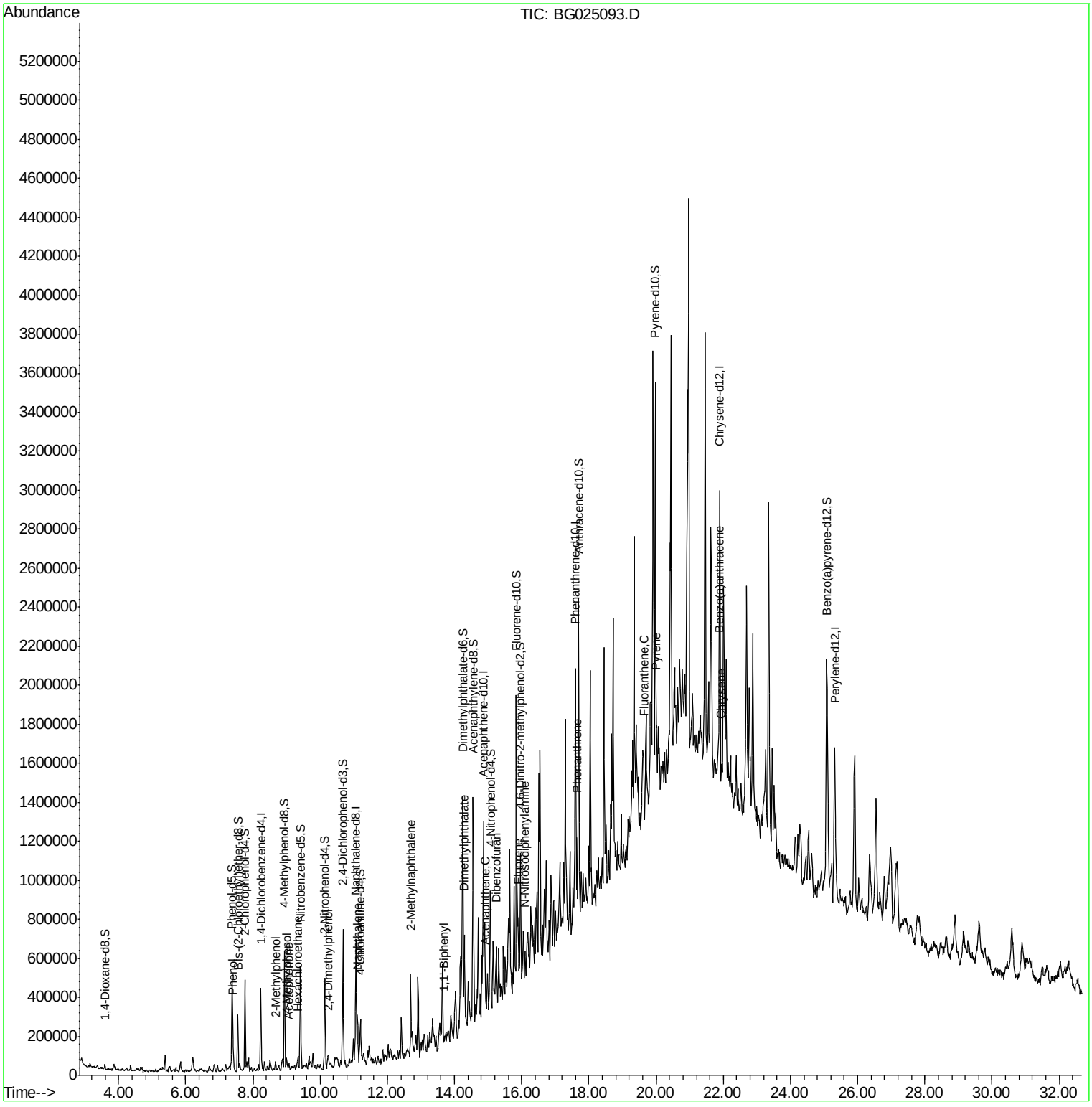
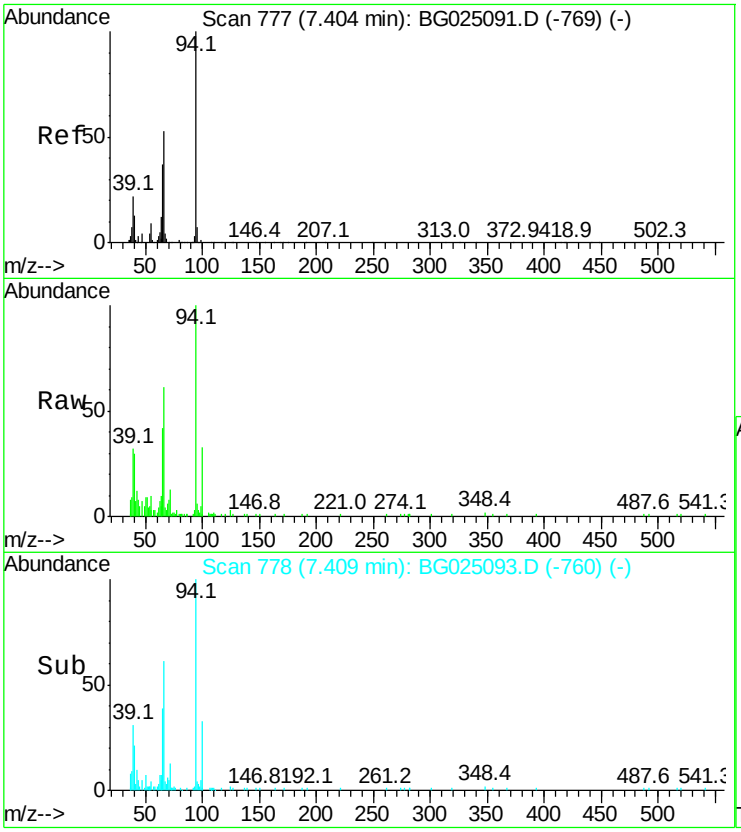
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration



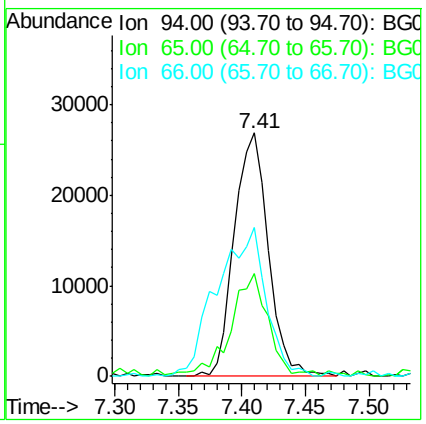


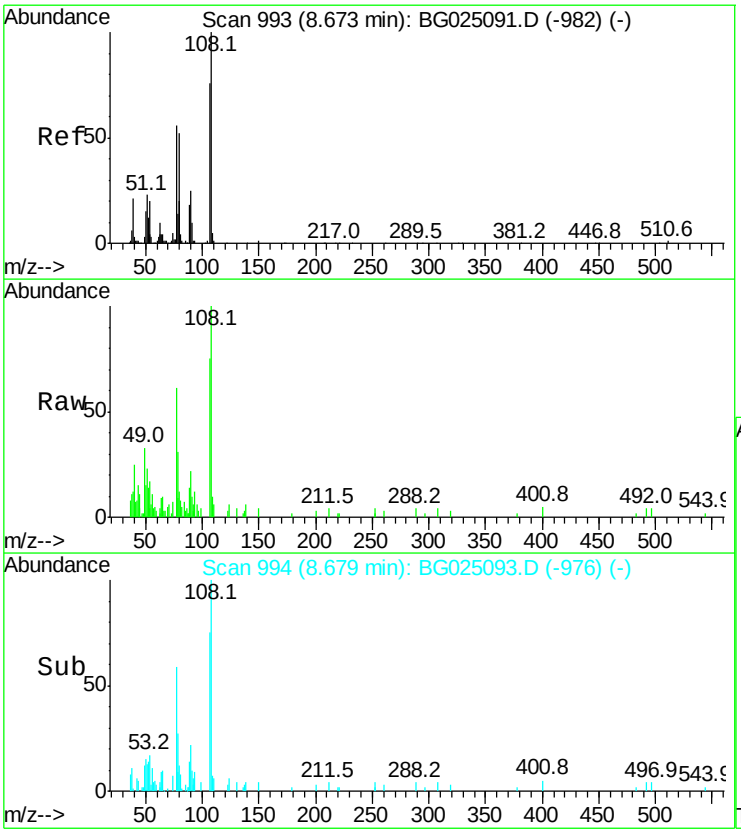
#6
Phenol
Concen: 5.39 ng/ul
RT: 7.41 min Scan# 778
Delta R.T. 0.01 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 50044

Ion	Ratio	Lower	Upper
94	100		
65	42.4	26.8	40.2#
66	61.1	44.4	66.6

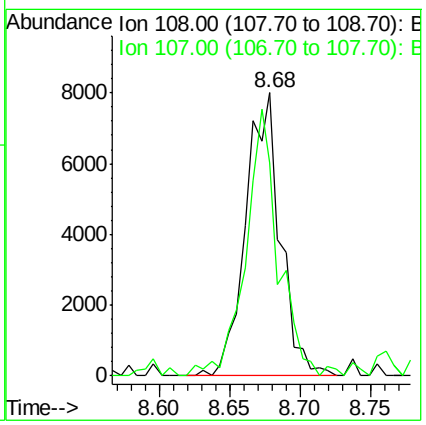


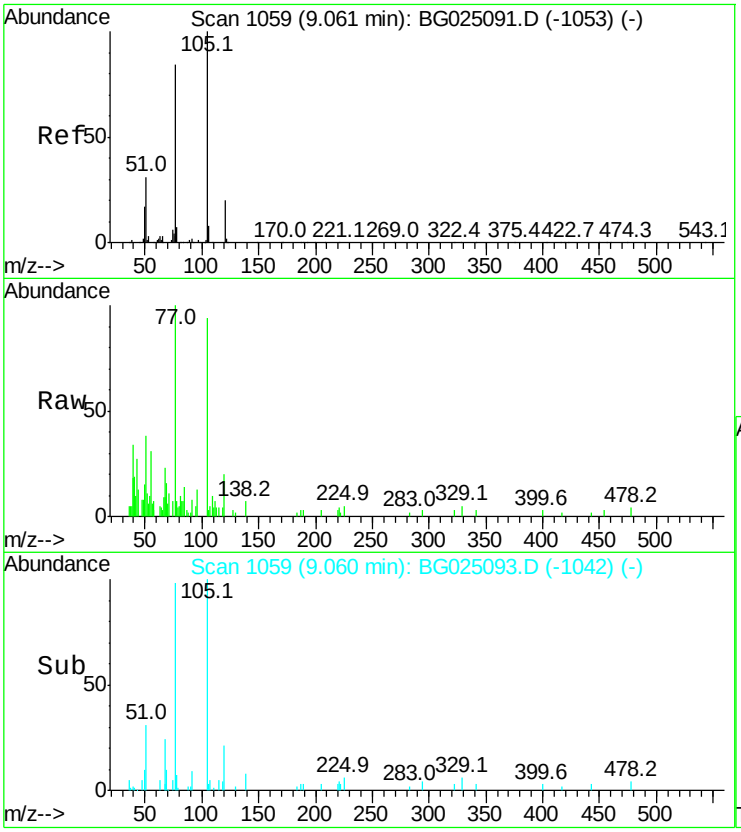


#11
2-Methylphenol
Concen: 2.01 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:108 Resp: 13764

Ion	Ratio	Lower	Upper
108	100		
107	75.4	76.7	115.1#



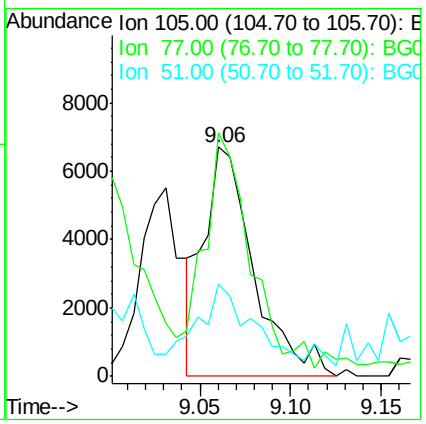


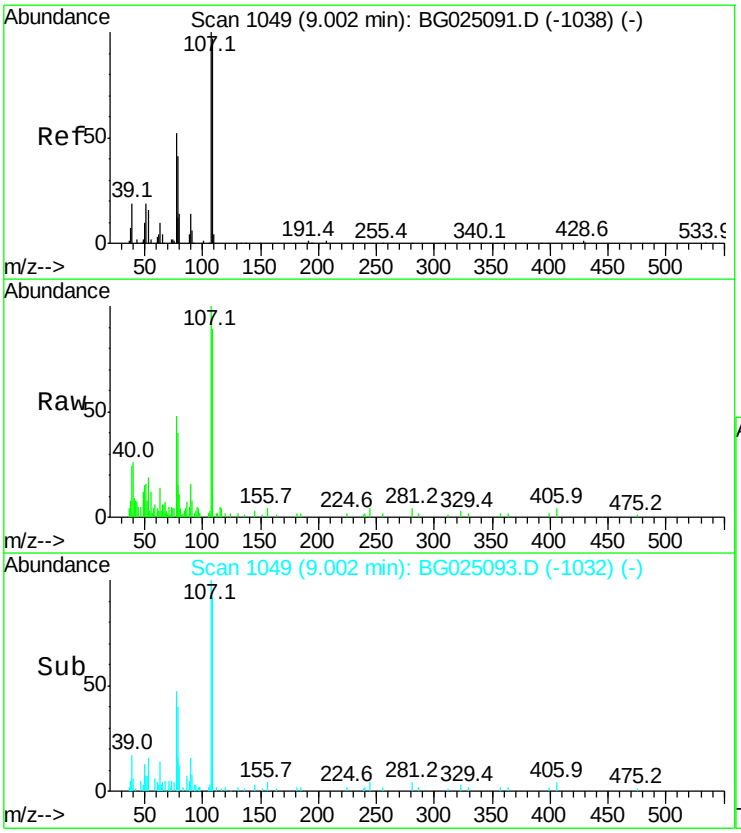
#14
Acetophenone
Concen: 1.11 ng/ul
RT: 9.06 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 12812

Ion	Ratio	Lower	Upper
105	100		
77	106.1	76.0	114.0
51	40.2	34.8	52.2

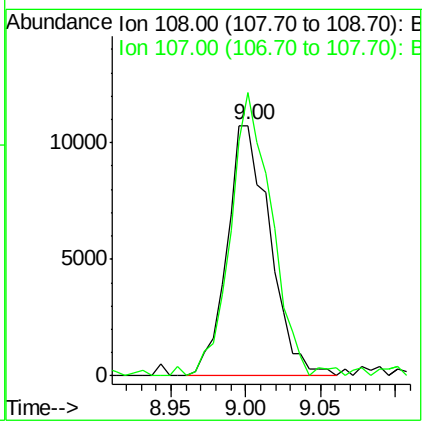


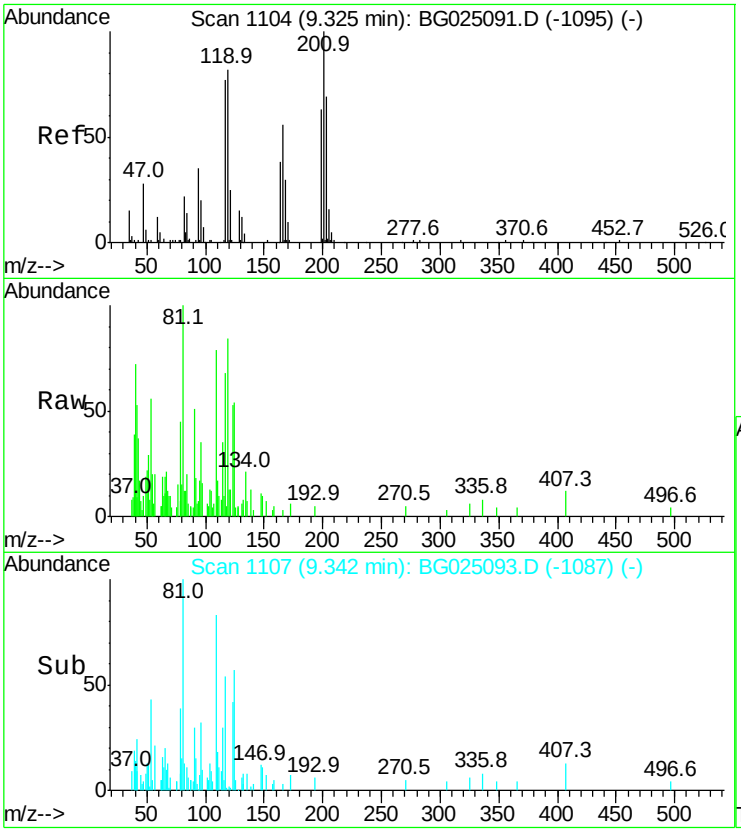


#16
4-Methylphenol
Concen: 2.83 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:108 Resp: 21557

Ion	Ratio	Lower	Upper
108	100		
107	112.9	91.7	137.5



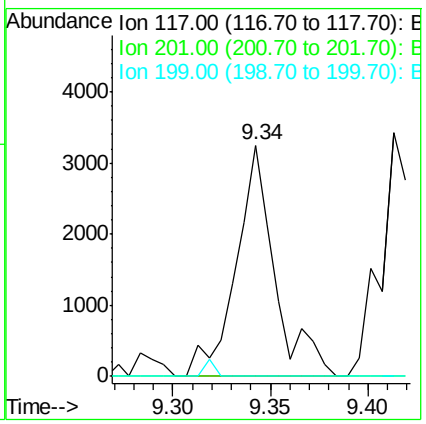


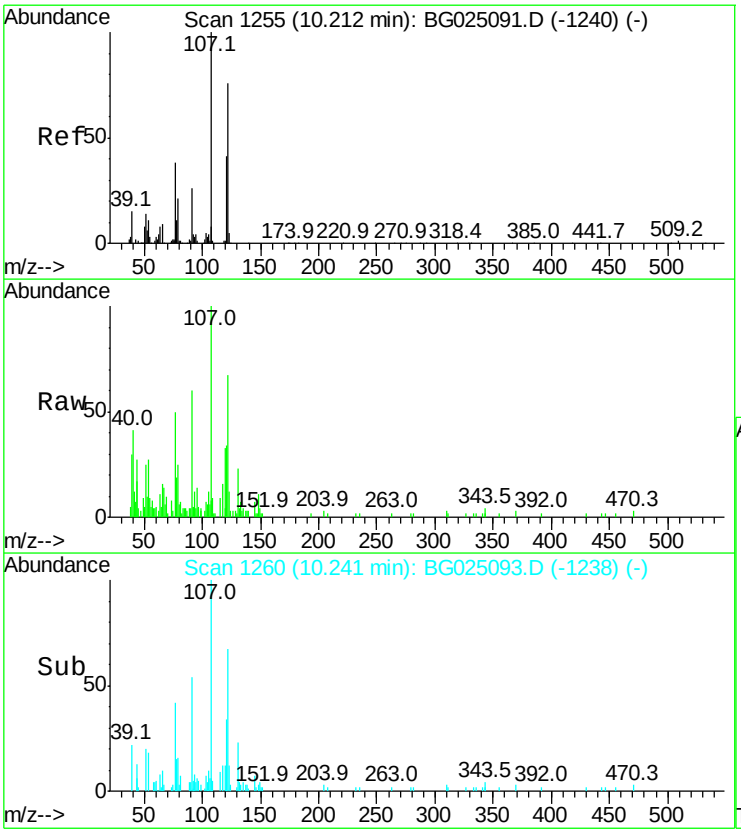
#17
Hexachloroethane
Concen: 1.59 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 4468

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

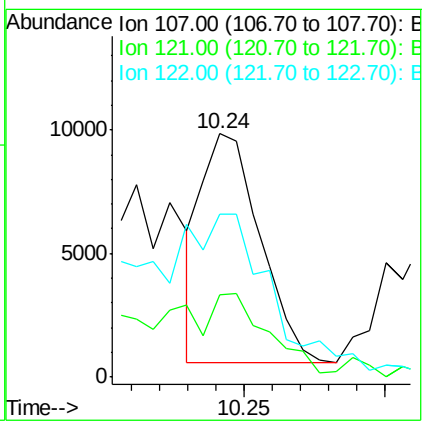


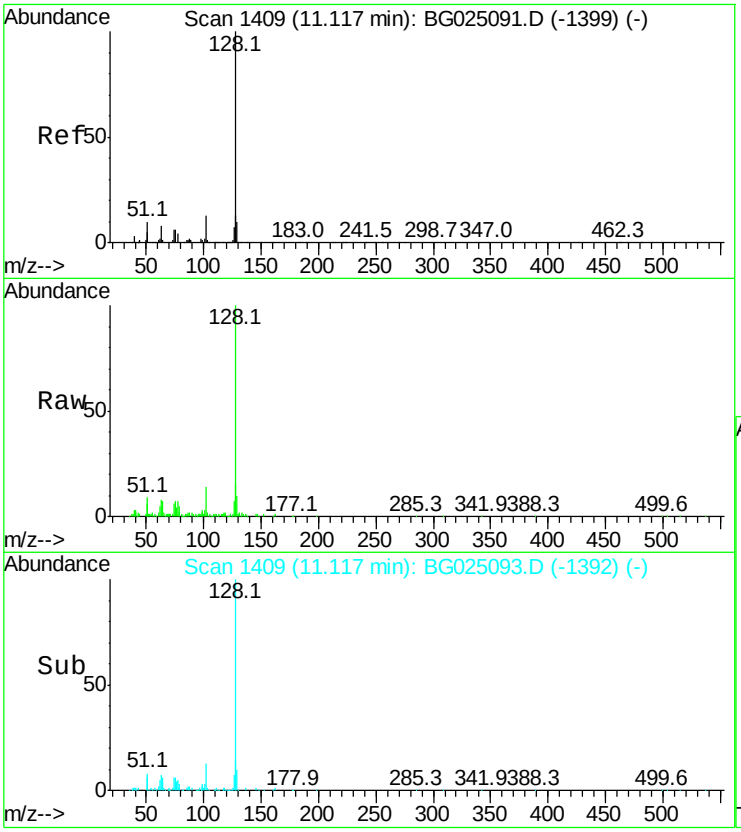


#24
2,4-Dimethylphenol
Concen: 1.28 ng/ul
RT: 10.24 min Scan# 1260
Delta R.T. 0.03 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:107 Resp: 13428

Ion	Ratio	Lower	Upper
107	100		
121	34.0	32.3	48.5
122	67.0	61.2	91.8



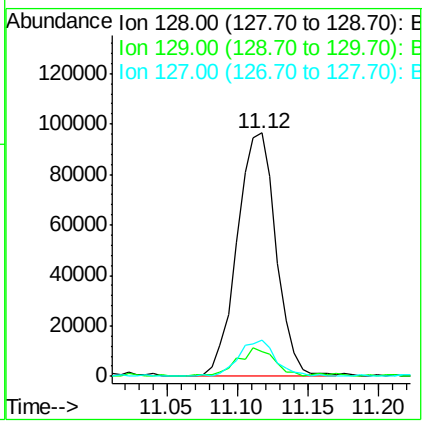


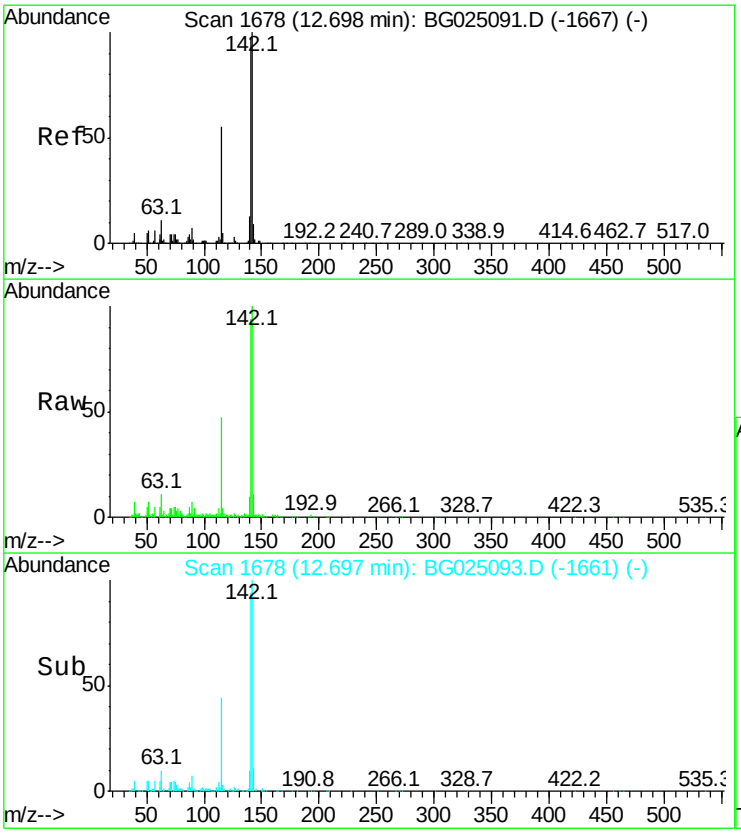
#28
Naphthalene
Concen: 7.77 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 185138

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.2
127	15.1	10.3	15.5

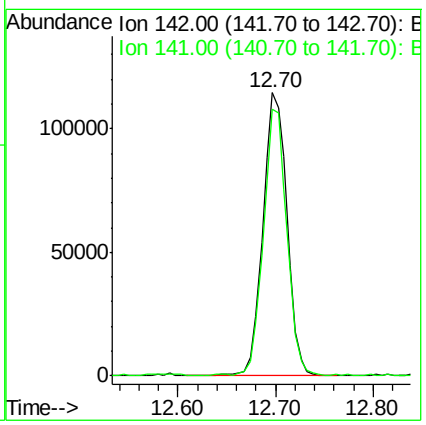


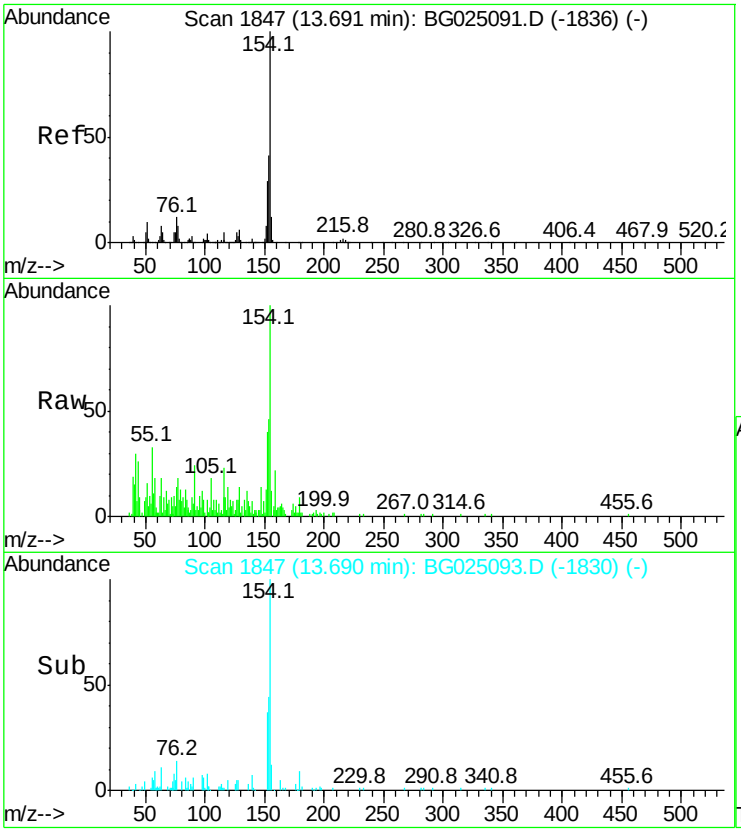


#34
2-Methylnaphthalene
Concen: 10.57 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:142 Resp: 198778

Ion	Ratio	Lower	Upper
142	100		
141	94.4	68.6	102.8



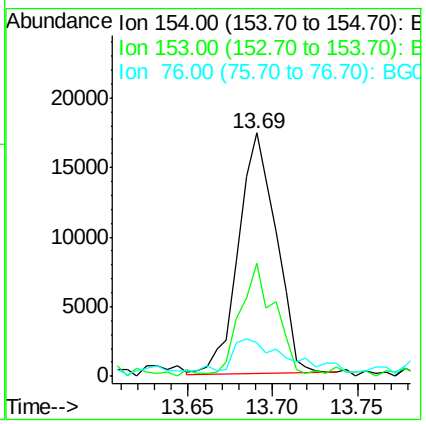


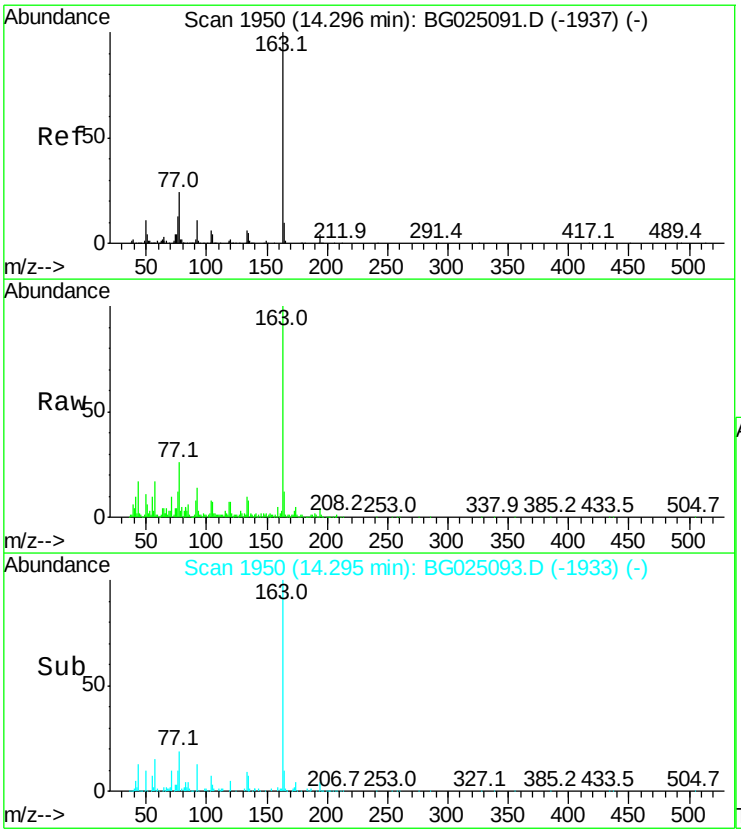
#40
1,1'-Biphenyl
Concen: 1.19 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 26883

Ion	Ratio	Lower	Upper
154	100		
153	46.3	32.2	48.2
76	13.8	9.6	14.4

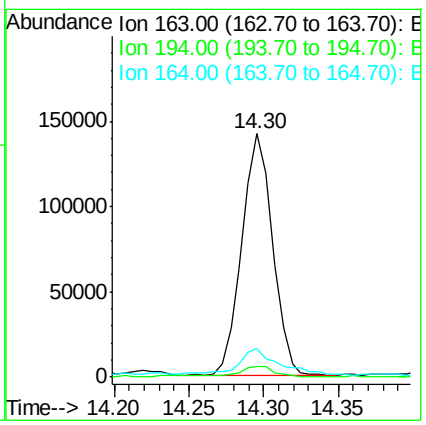


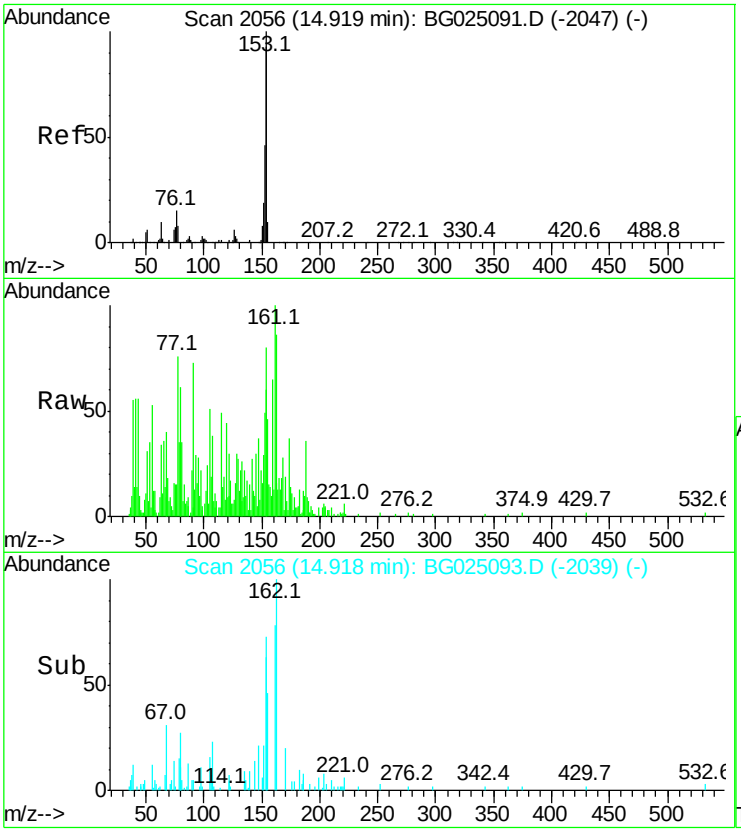


#44
Dimethylphthalate
Concen: 8.09 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:163 Resp: 203772

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	11.6	9.0	13.4



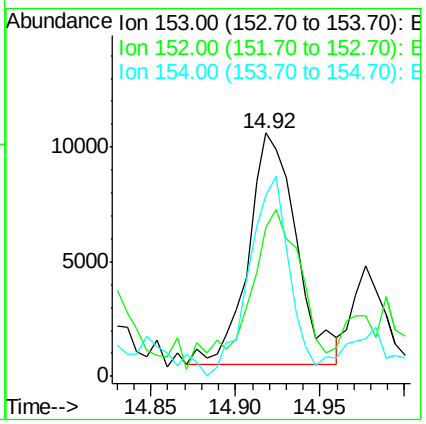


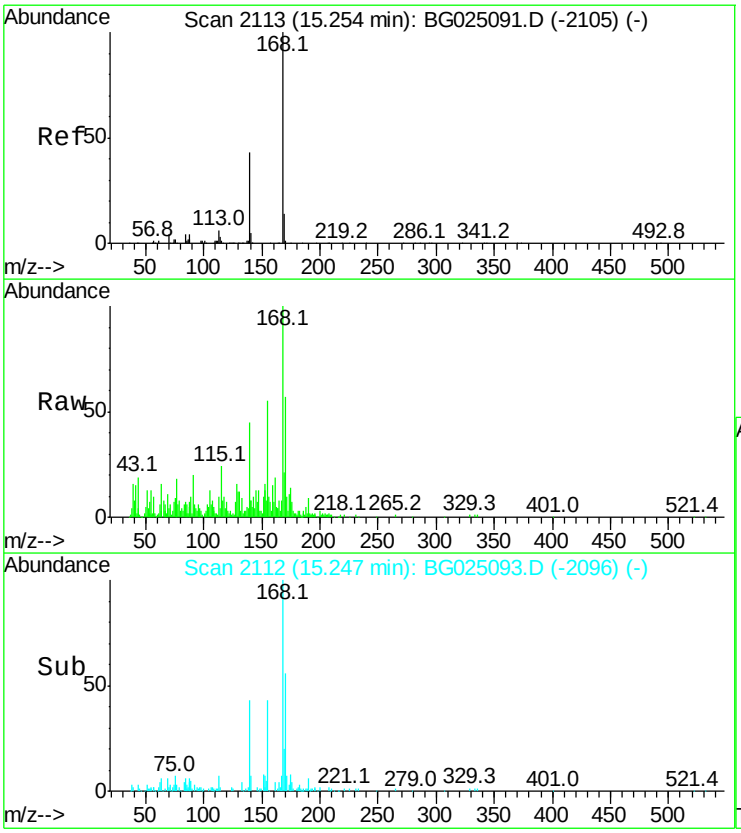
#49
Acenaphthene
Concen: 1.07 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 20103

Ion	Ratio	Lower	Upper
153	100		
152	60.9	36.5	54.7#
154	74.5	72.3	108.5

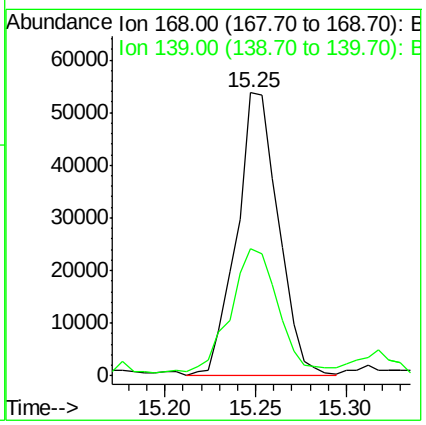


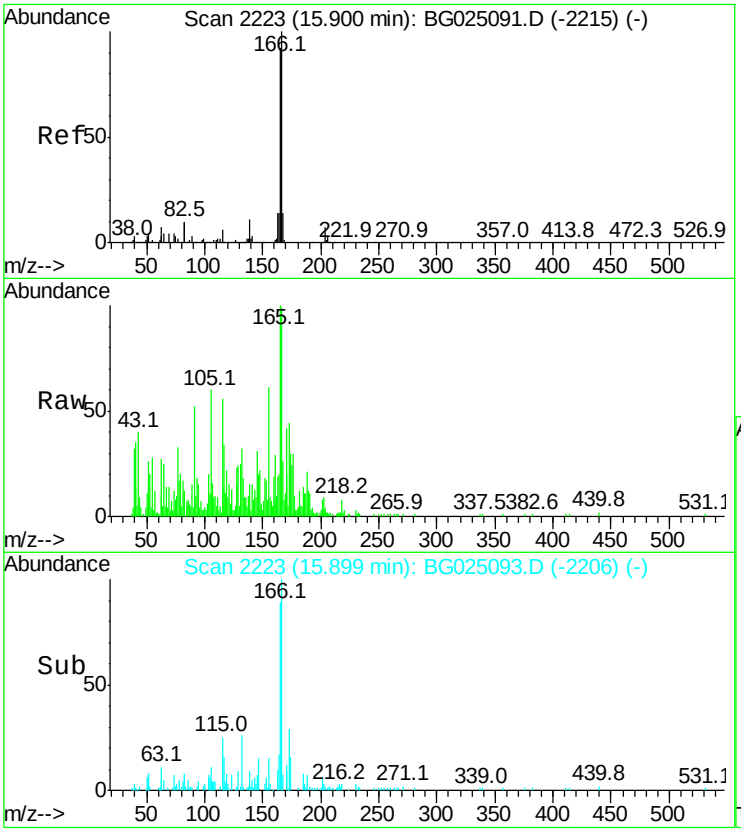


#53
Dibenzofuran
Concen: 2.91 ng/ul
RT: 15.25 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:168 Resp: 86198

Ion	Ratio	Lower	Upper
168	100		
139	44.8	33.8	50.8



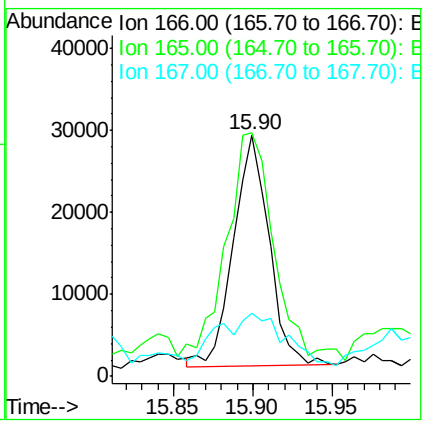


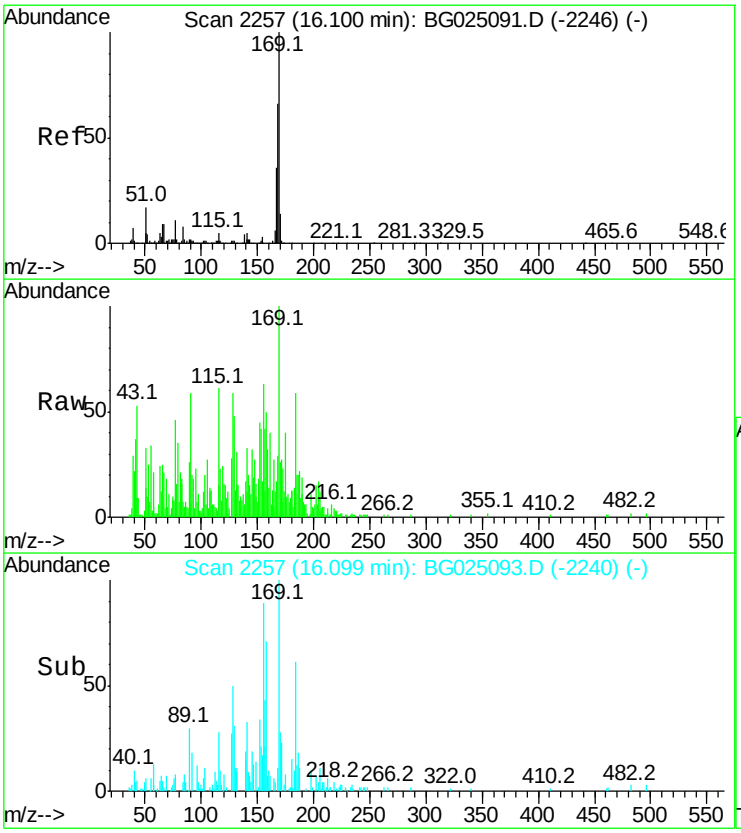
#58
Fluorene
Concen: 1.83 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 44016

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.7	119.5
167	26.0	11.4	17.2#

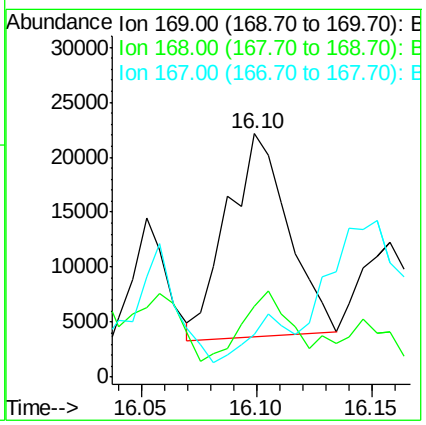


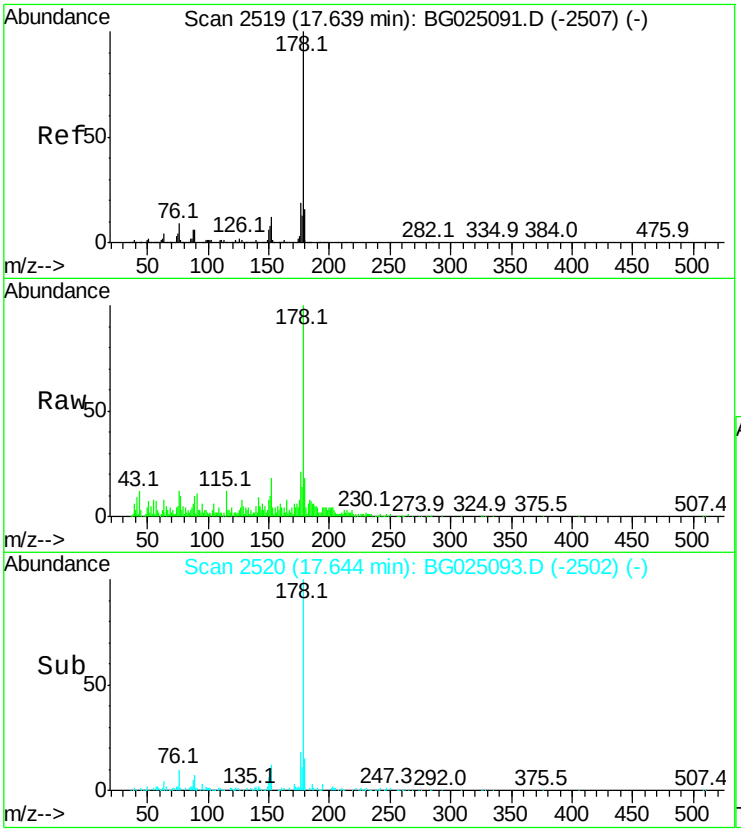


#64
N-Nitrosodiphenylamine
Concen: 1.75 ng/ul
RT: 16.10 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:169 Resp: 33914

Ion	Ratio	Lower	Upper
169	100		
168	28.8	59.1	88.7#
167	17.4	29.7	44.5#



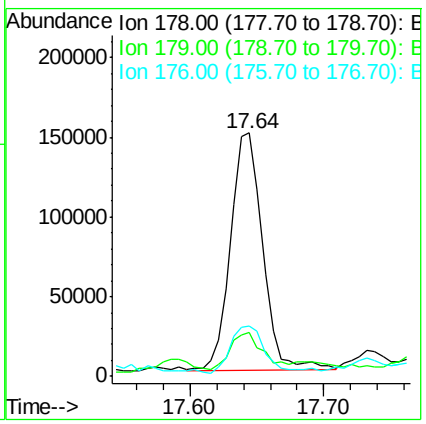


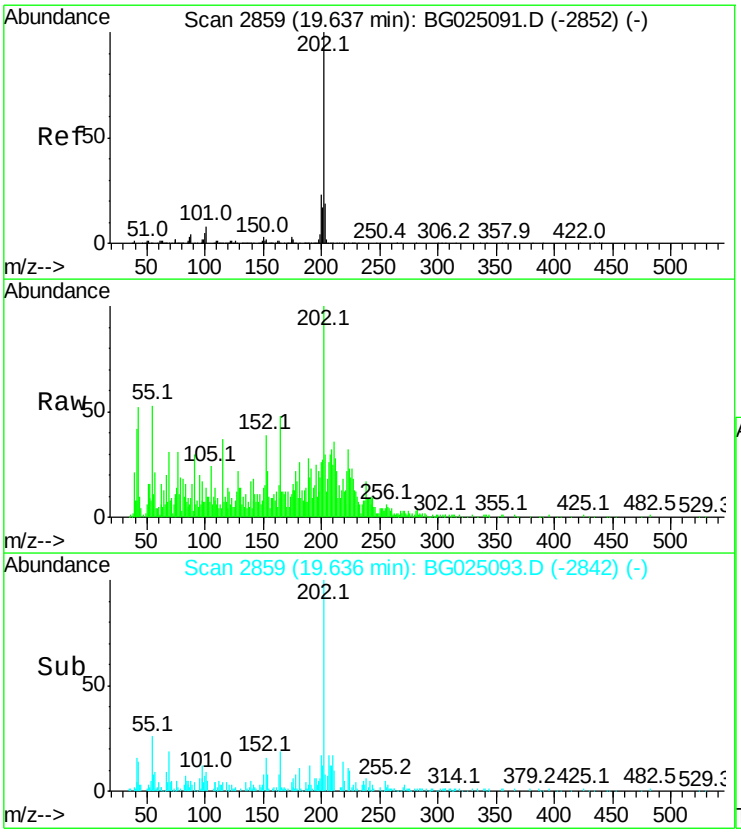
#69
Phenanthrene
Concen: 6.93 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 248579

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.4	18.6
176	20.8	16.5	24.7

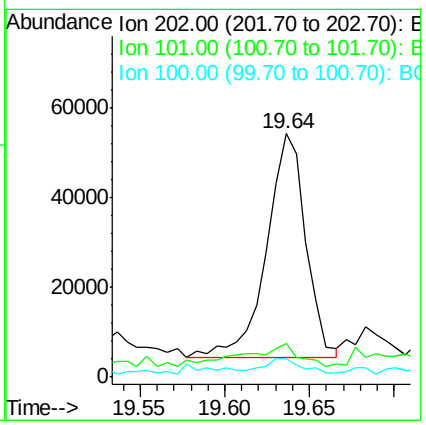


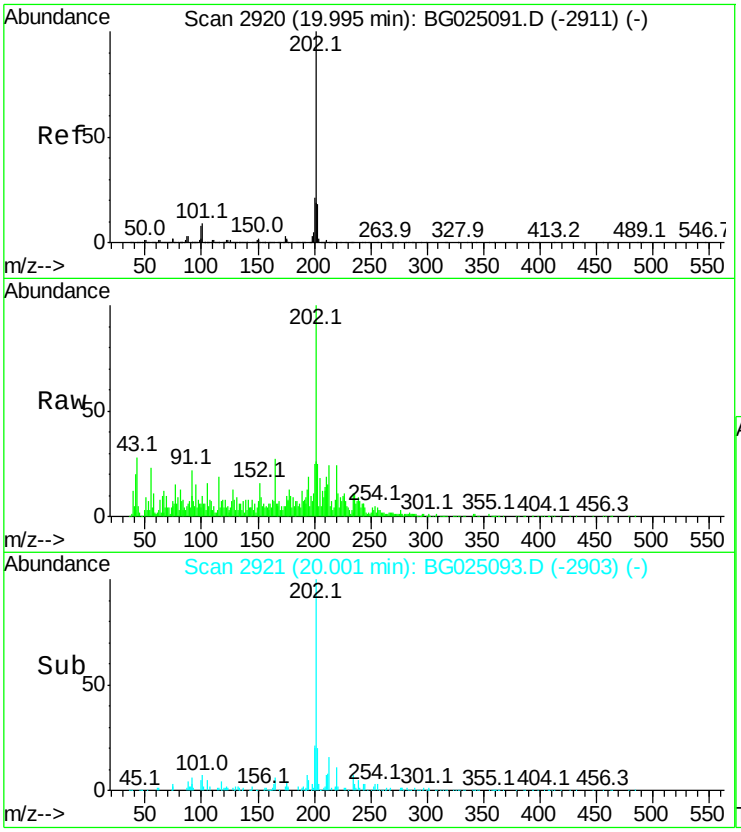


#74
Fluoranthene
Concen: 1.89 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:202 Resp: 80753

Ion	Ratio	Lower	Upper
202	100		
101	13.8	6.2	9.2#
100	7.5	5.2	7.8



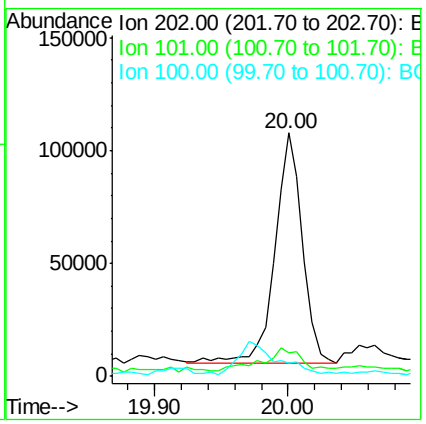


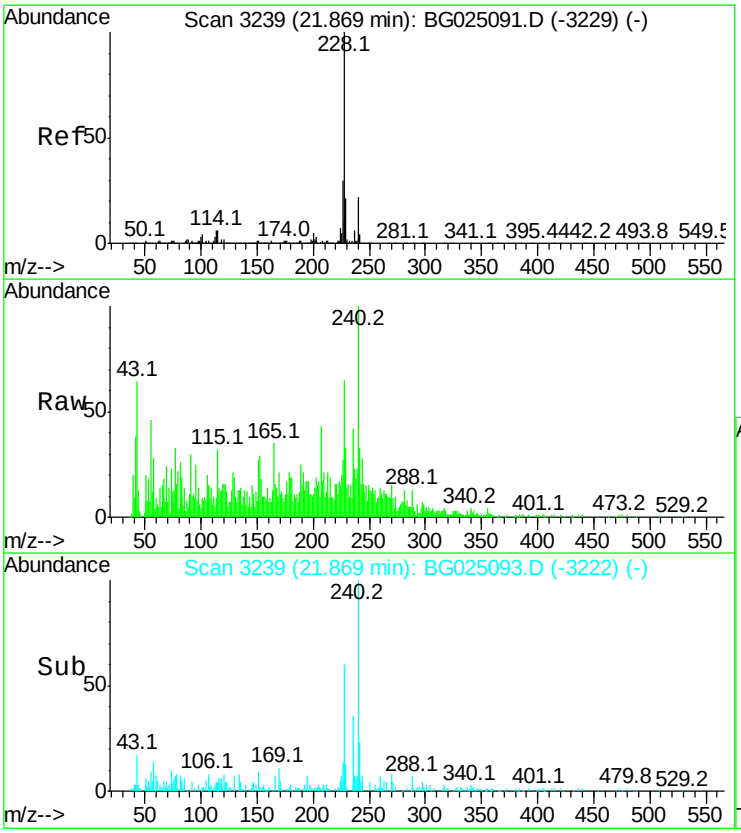
#77
Pyrene
Concen: 3.33 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 146479

Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.9	10.3
100	5.6	6.6	10.0#

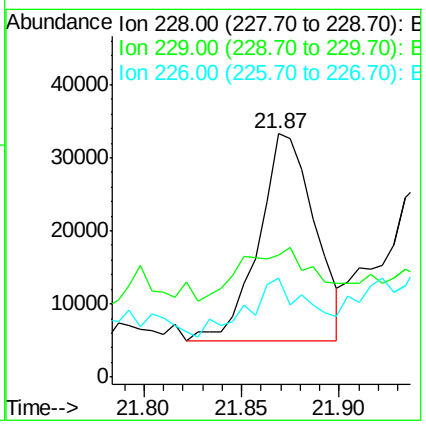


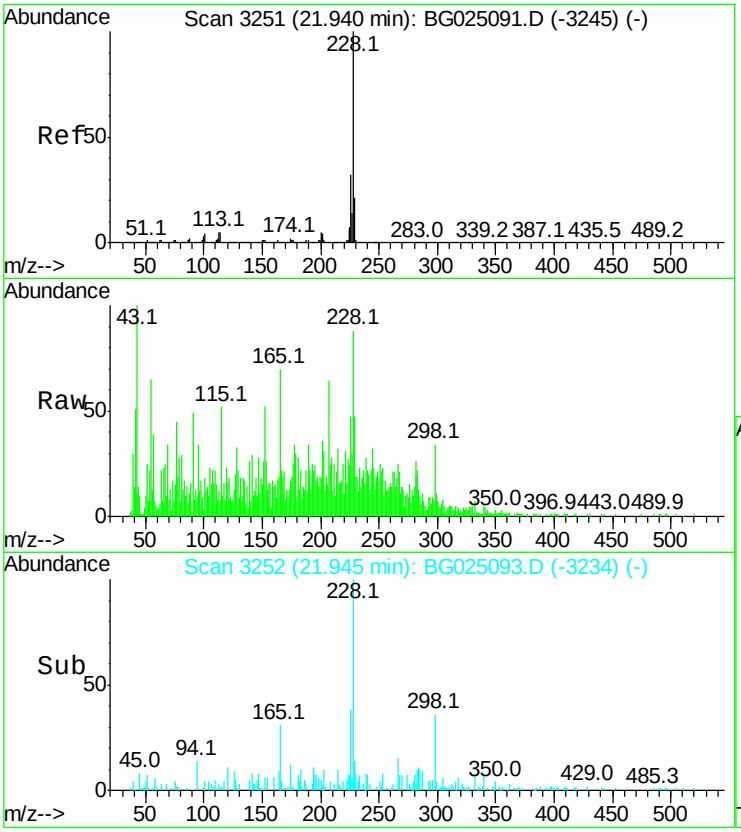


#80
Benzo(a)anthracene
Concen: 1.18 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Tgt Ion:228 Resp: 56220

Ion	Ratio	Lower	Upper
228	100		
229	50.3	16.3	24.5#
226	40.6	21.9	32.9#





#82
Chrysene
Concen: 1.34 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BG025093.D
Acq: 11 Dec 2016 7:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 59541

Ion	Ratio	Lower	Upper
228	100		
226	53.8	24.0	36.0#
229	53.1	16.9	25.3#