Quantitation Report (LSC 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 05:05:41 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
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
49) Acenaphthene	14.92	153	86173	6.04	ng/ul#	87
53) Dibenzofuran	15.25	168	240275	10.64	ng/ul	99
58) Fluorene	15.91	166	268362	14.60	ng/ul#	95
69) Phenanthrene	17.64	178	156023	5.67	ng/ul#	94
77) Pyrene	20.00	202	35694	1.04	ng/ul	97

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

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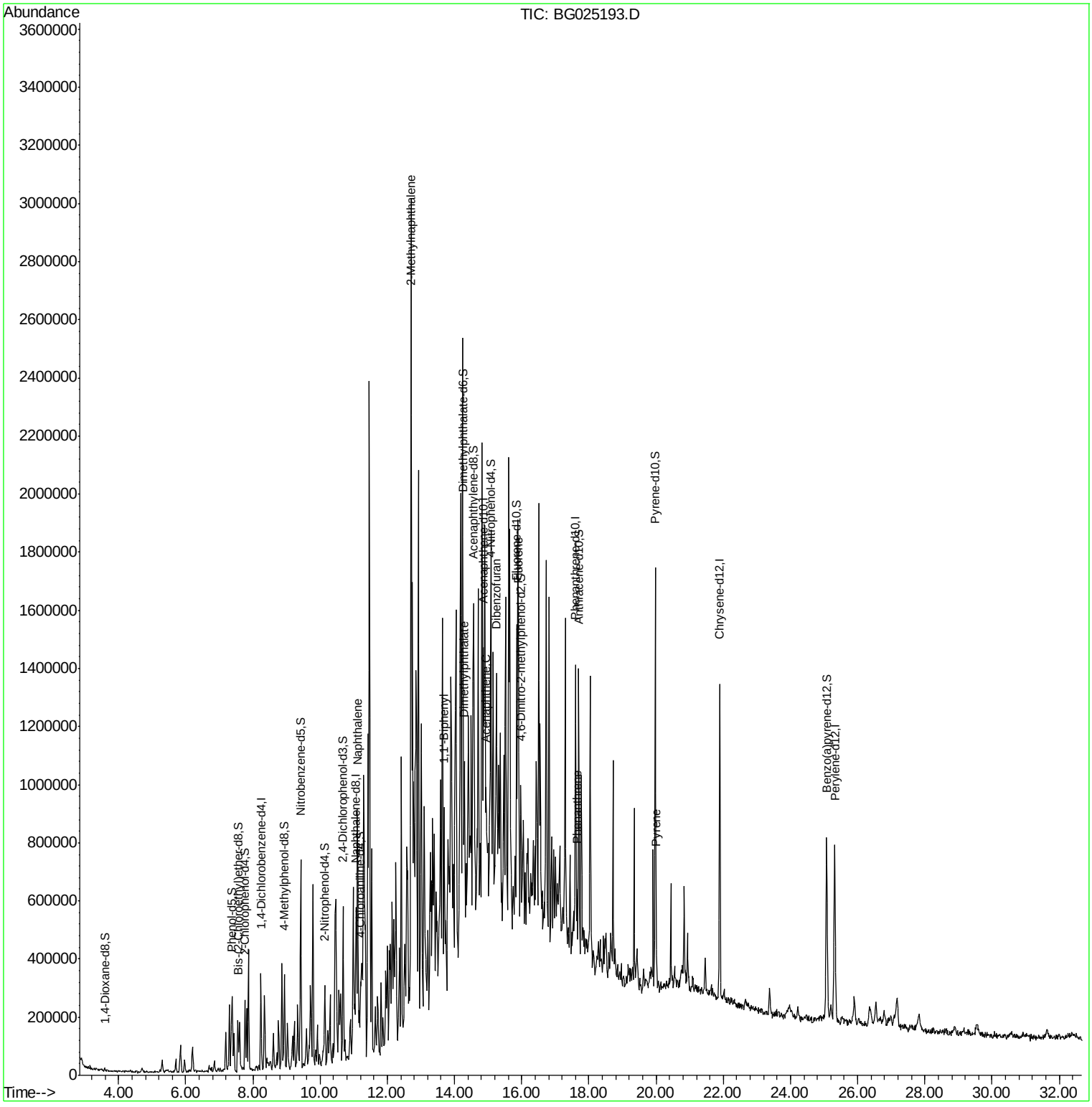
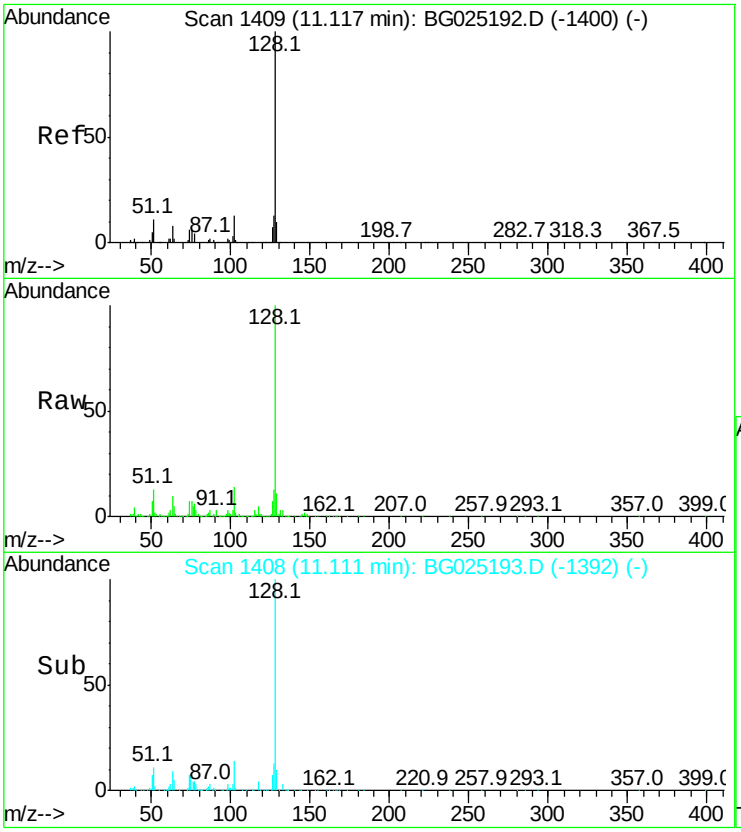


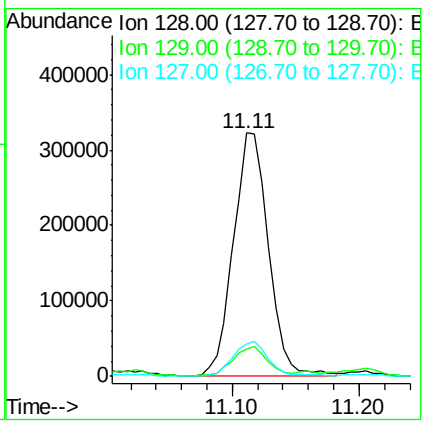


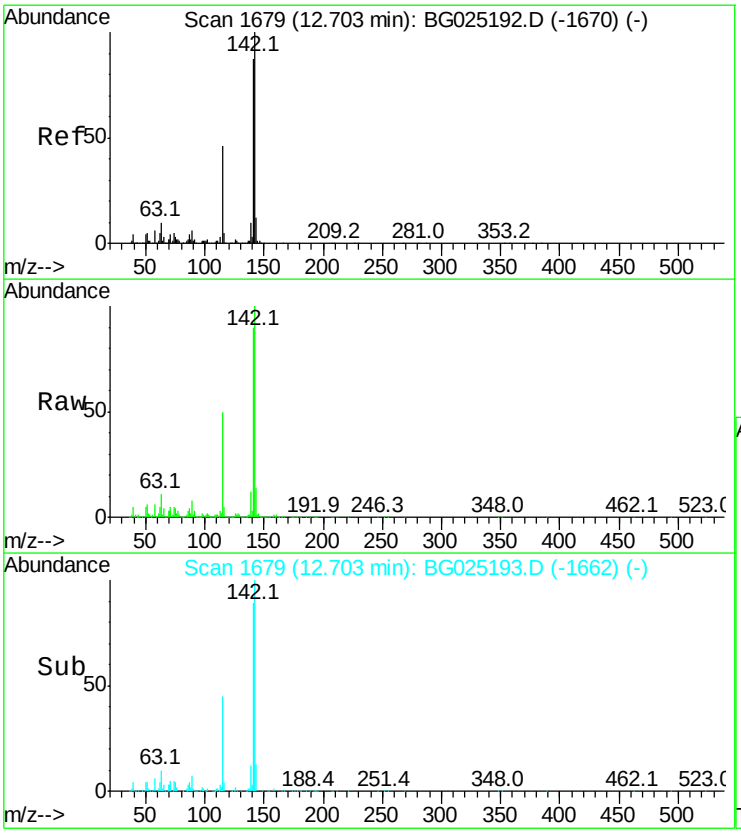
#28
Naphthalene
Concen: 37.05 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

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

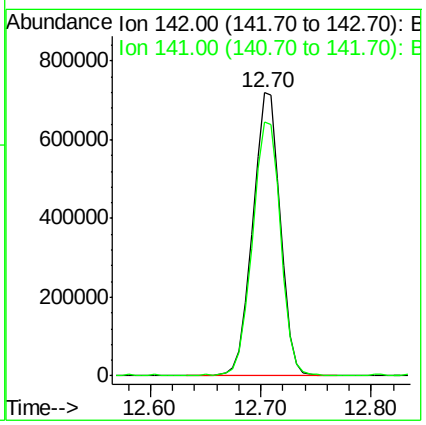


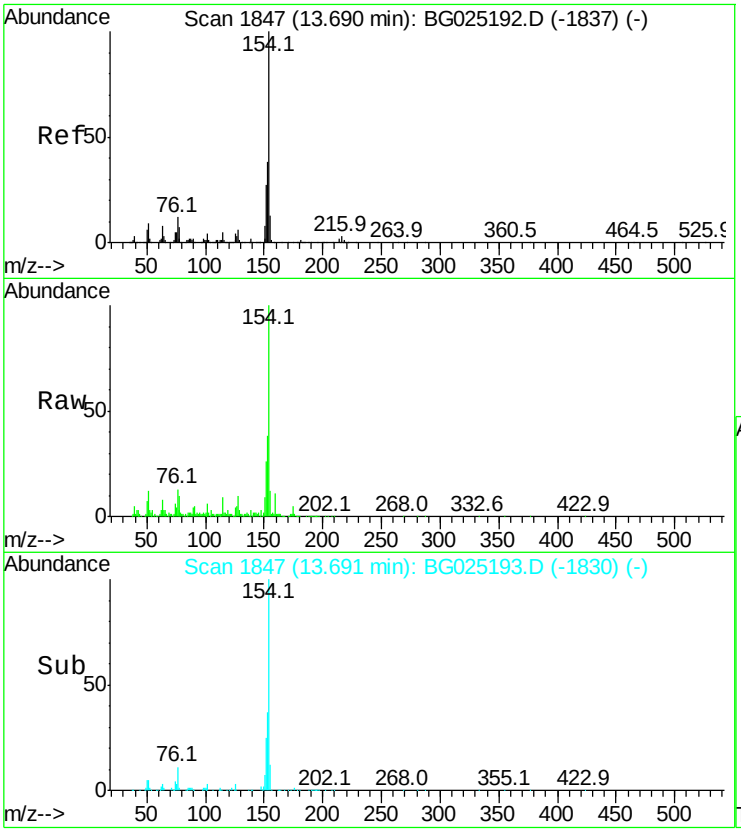


#34
2-Methylnaphthalene
Concen: 95.74 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:142 Resp: 1253115

Ion	Ratio	Lower	Upper
142	100		
141	89.8	68.6	102.8



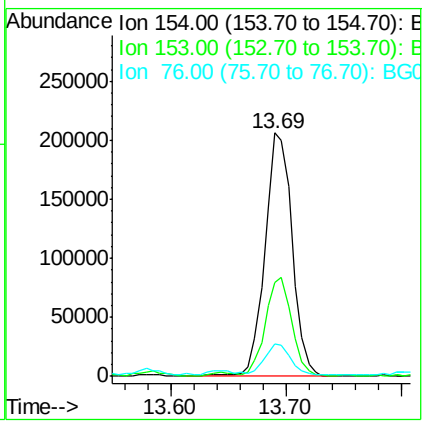


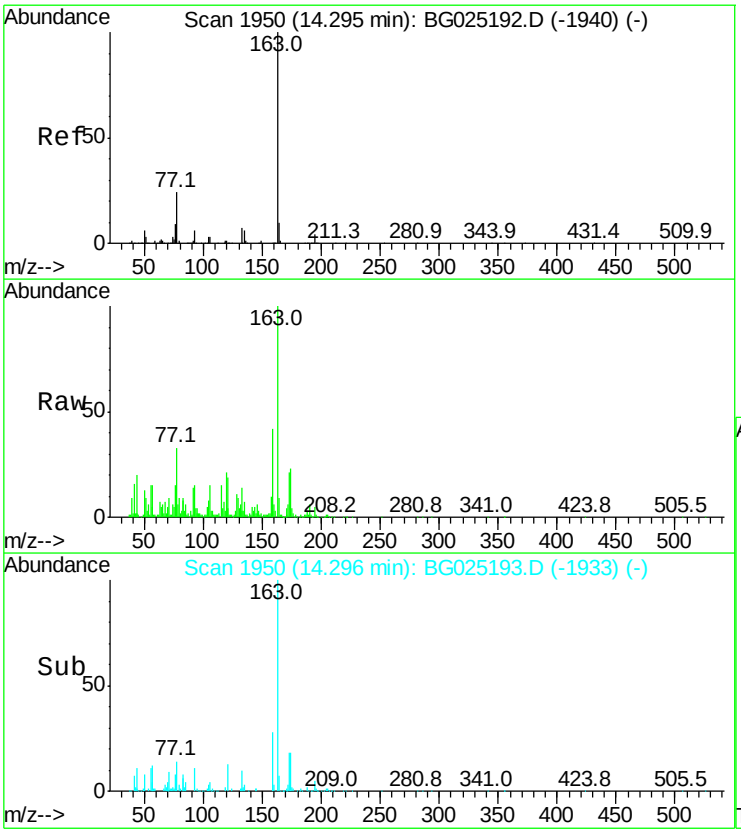
#40
1,1'-Biphenyl
Concen: 19.56 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

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

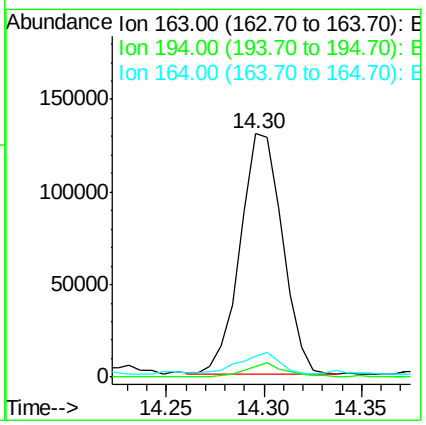


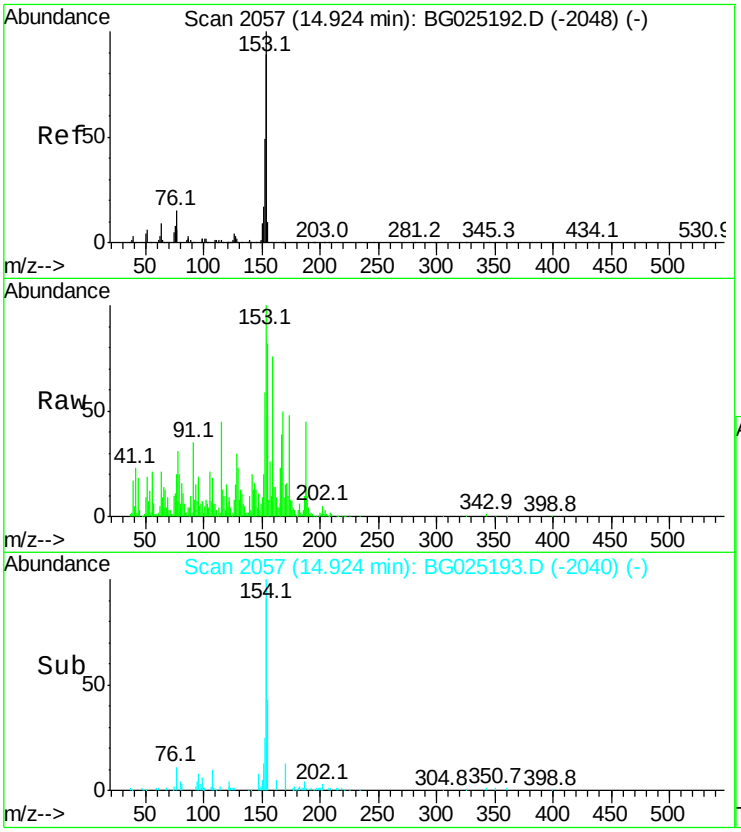


#44
Dimethylphthalate
Concen: 10.13 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

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#



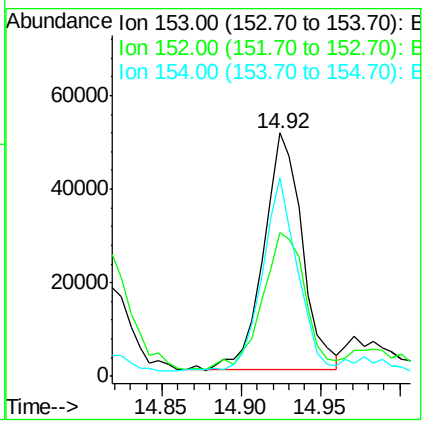


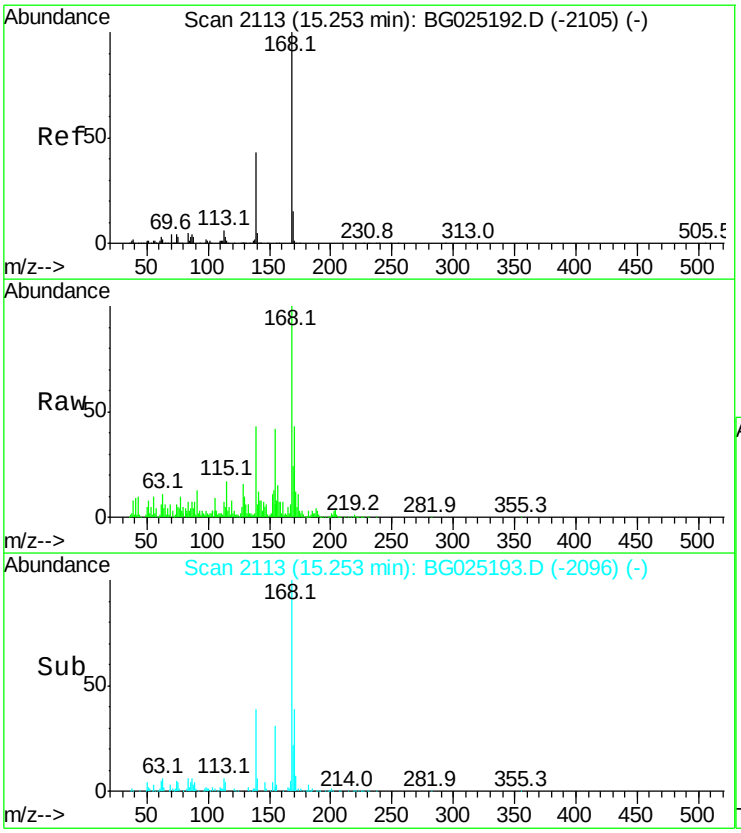
#49
Acenaphthene
Concen: 6.04 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Instrument :
BNA_G
ClientSampleId :
DA840

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

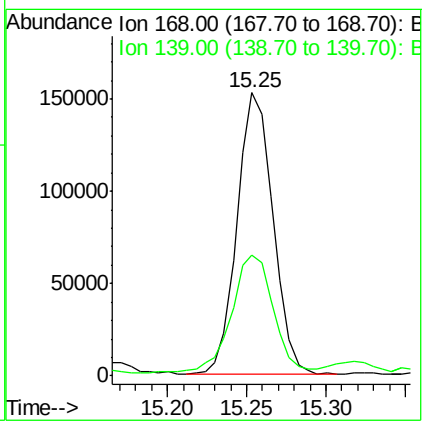


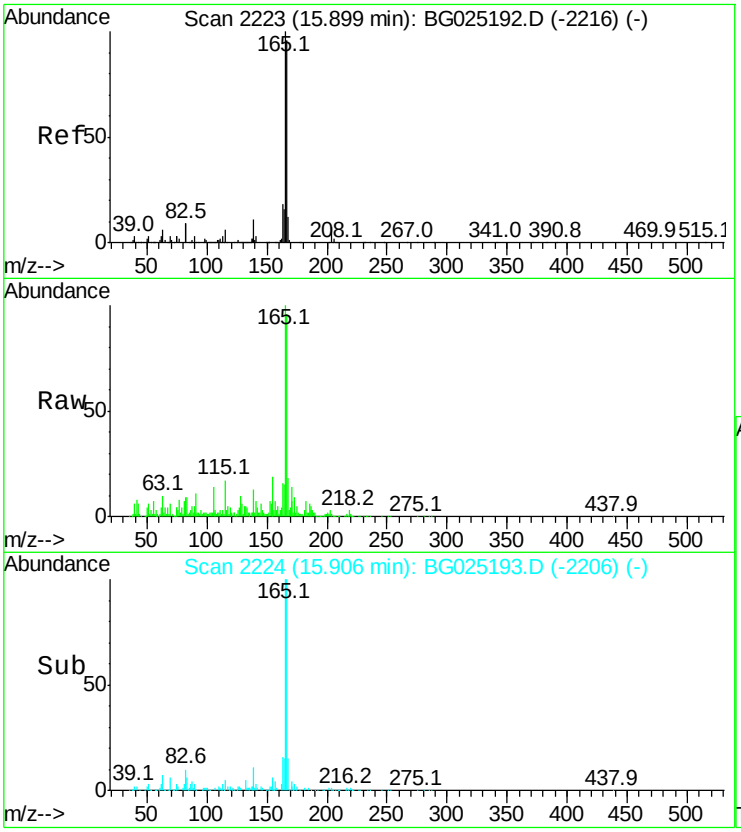


#53
Dibenzofuran
Concen: 10.64 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

Tgt Ion:168 Resp: 240275

Ion	Ratio	Lower	Upper
168	100		
139	42.8	33.8	50.8



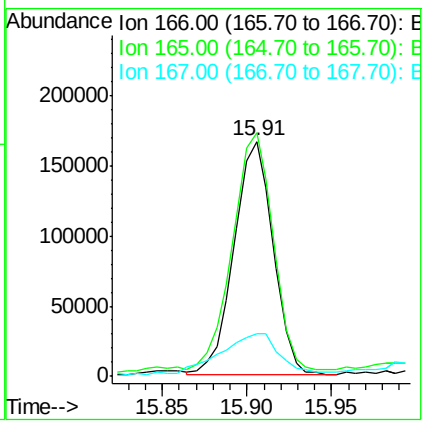


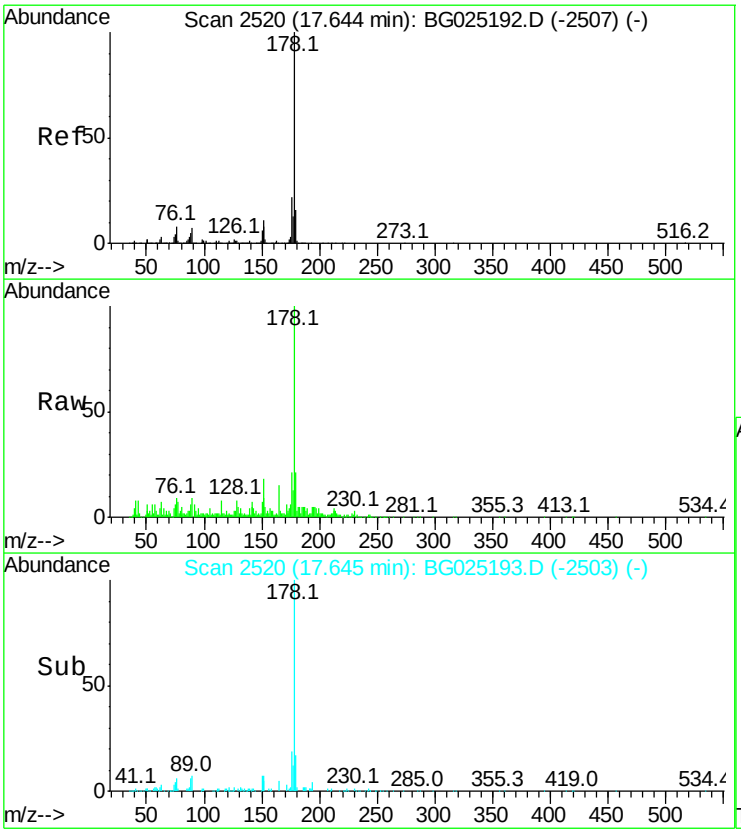
#58
Fluorene
Concen: 14.60 ng/ul
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

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#

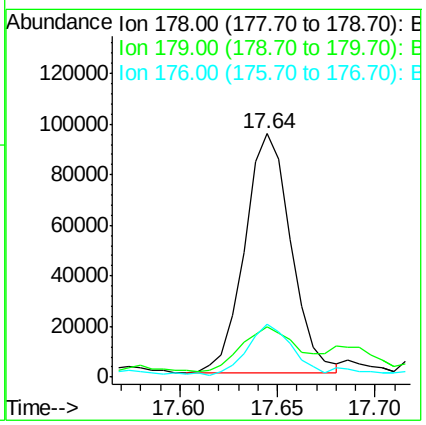


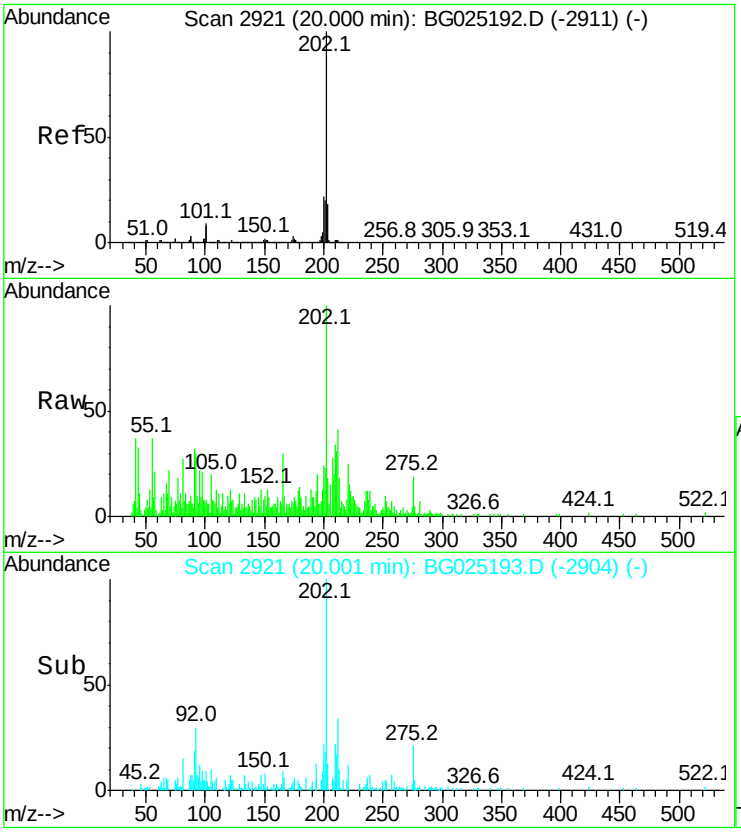


#69
Phenanthrene
Concen: 5.67 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025193.D
Acq: 15 Dec 2016 2:12

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





#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

Instrument :
BNA_G
ClientSampleId :
DA840

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