Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025266.D
Acq On : 17 Dec 2016 9:06
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Time: Dec 18 00:43:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	57671	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	244003	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	180708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	414948	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	542407	20.00	ng/ul	-0.01
83) Perylene-d12	25.32	264	549765	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	316	0.28	ng/uL	0.01
5) Phenol-d5	7.40	99	6631	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	5679	1.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	4844	1.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	5781	1.39	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	3231	1.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3370	1.56	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.70	165	6207	1.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	14039	3.45	ng/ul	-0.01
43) Dimethylphthalate-d6	14.25	166	23841	1.92	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	25948	1.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	3972	1.86	ng/ul	0.01
57) Fluorene-d10	15.84	176	25954	2.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	741	0.29	ng/ul	0.00
70) Anthracene-d10	17.70	188	34094	1.95	ng/ul	0.00
76) Pyrene-d10	19.97	212	40778	1.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	38631	1.73	ng/ul	-0.02
Target Compounds						Qvalue
17) Hexachloroethane	9.34	117	5141	3.32	ng/ul#	1
28) Naphthalene	11.11	128	136189	12.01	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	234807	26.23	ng/ul	87
40) 1,1'-Biphenyl	13.69	154	53187	4.85	ng/ul	99
44) Dimethylphthalate	14.29	163	22875	1.87	ng/ul	99
49) Acenaphthene	14.93	153	12951	1.43	ng/ul#	63
53) Dibenzofuran	15.26	168	39050	2.72	ng/ul	93
58) Fluorene	15.90	166	40538	3.47	ng/ul#	96
69) Phenanthrene	17.65	178	25861	1.31	ng/ul#	85

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

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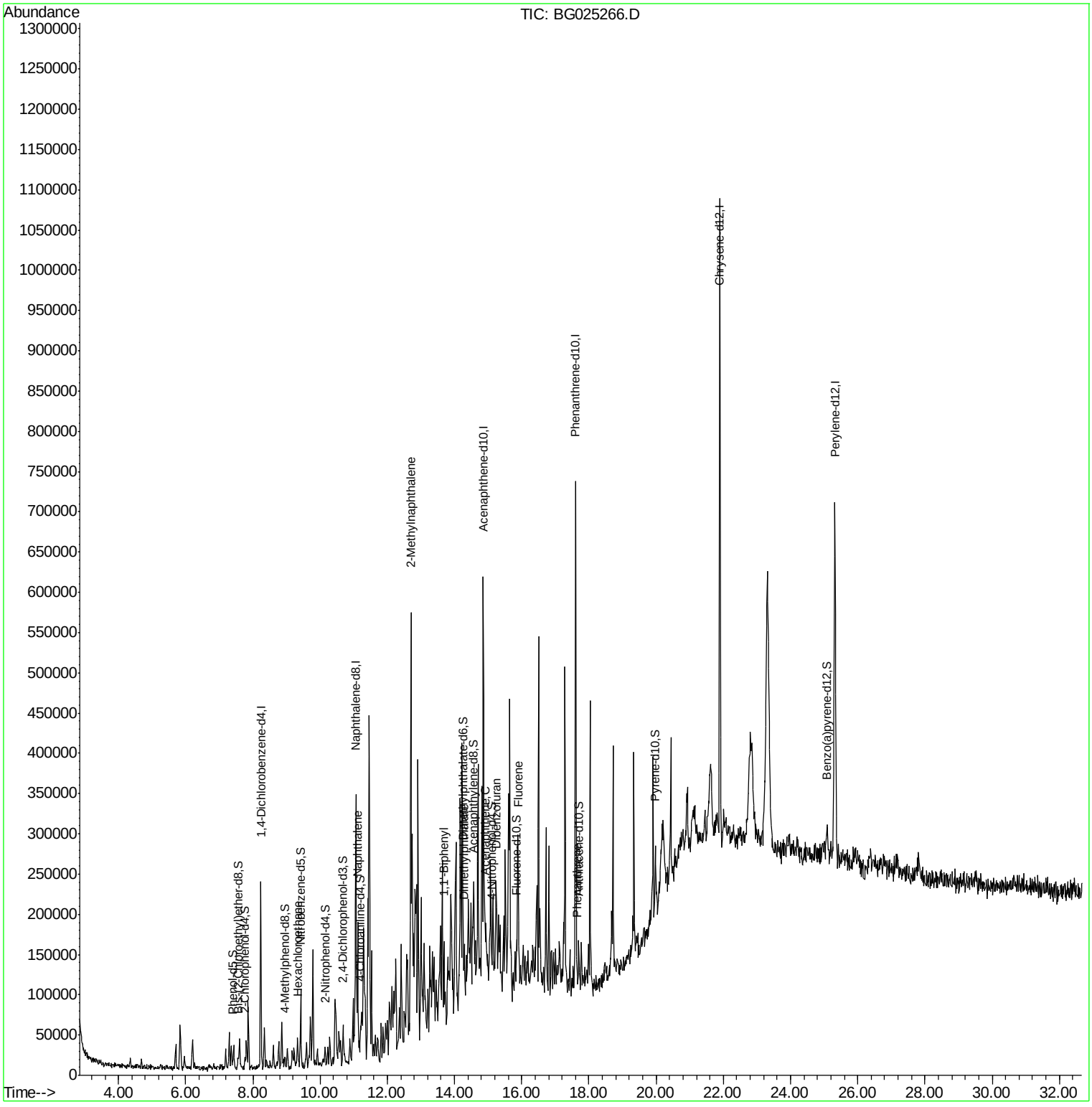
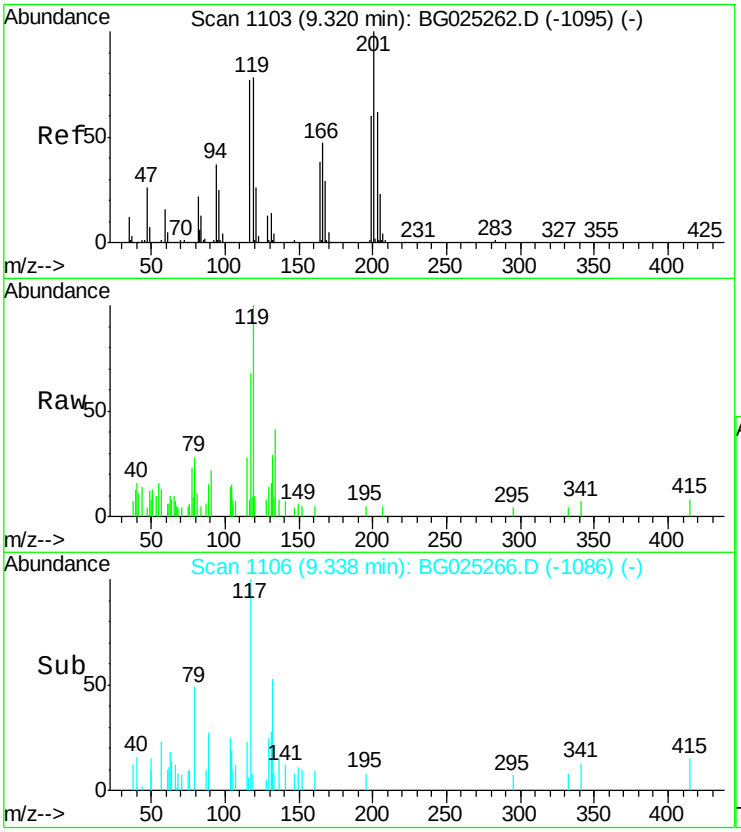


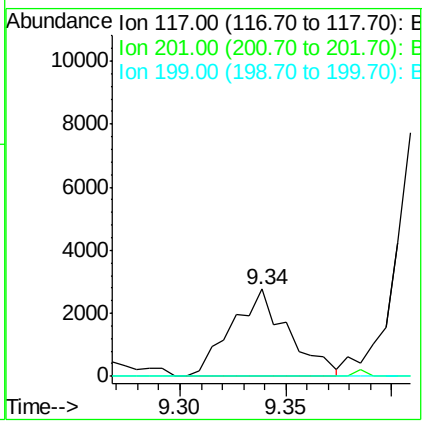


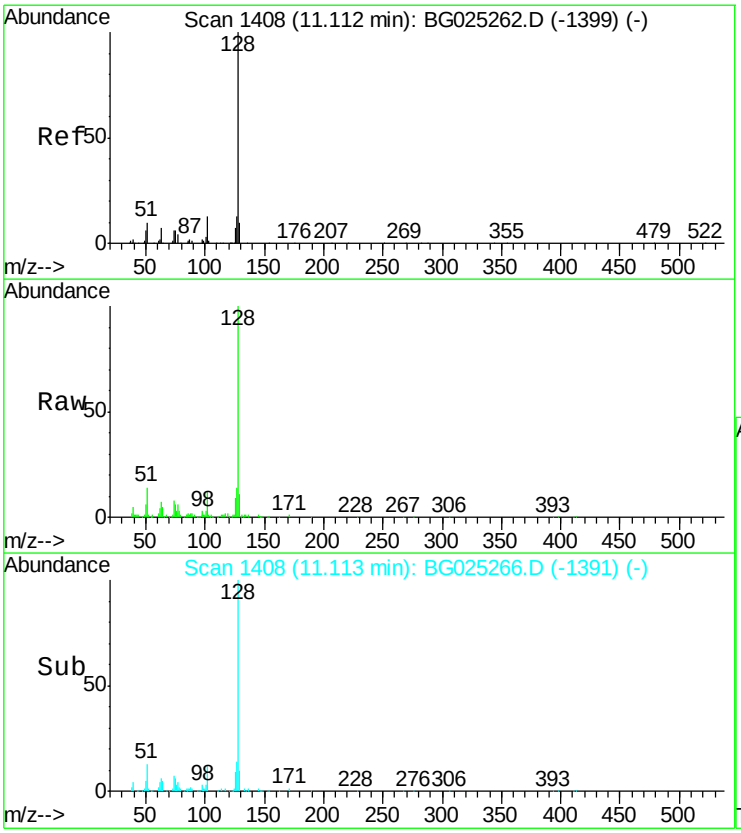
#17
Hexachloroethane
Concen: 3.32 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:117 Resp: 5141

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

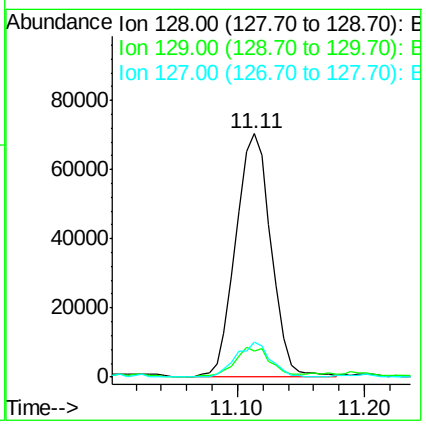


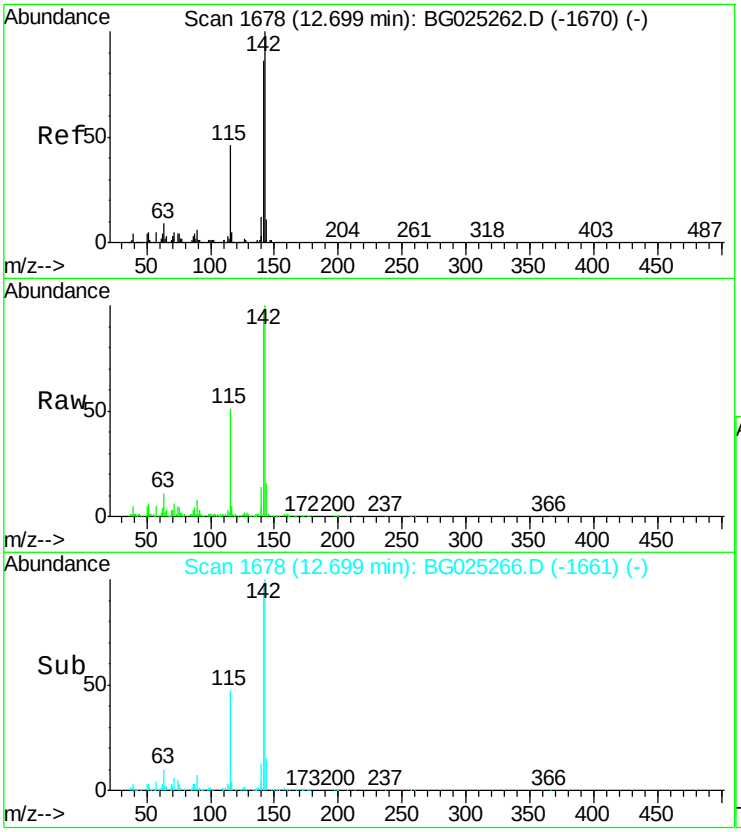


#28
Naphthalene
Concen: 12.01 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Tgt Ion:128 Resp: 136189

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	14.1	10.3	15.5



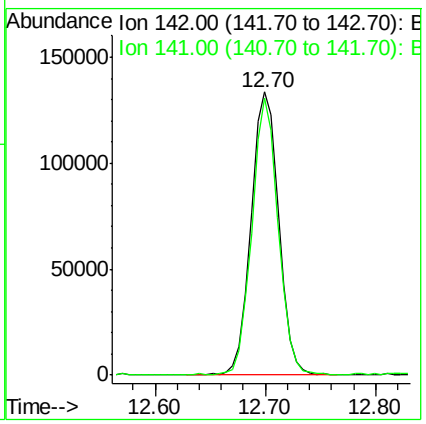


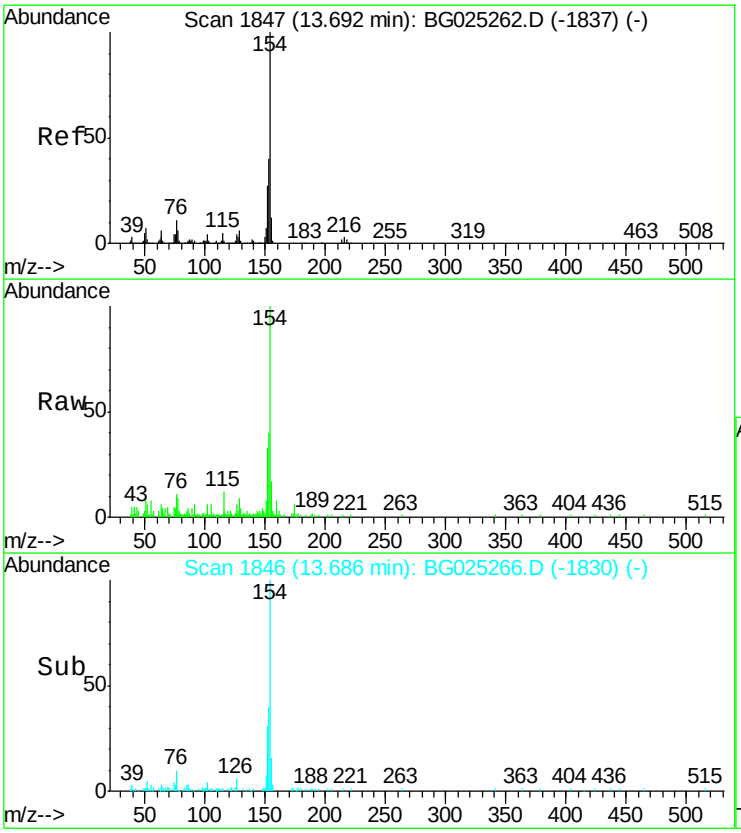
#34
2-Methylnaphthalene
Concen: 26.23 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:142 Resp: 234807

Ion	Ratio	Lower	Upper
142	100		
141	97.9	68.6	102.8

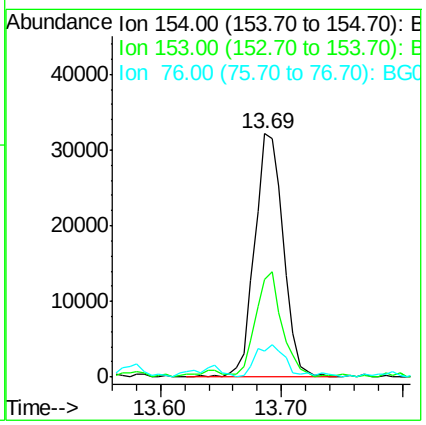


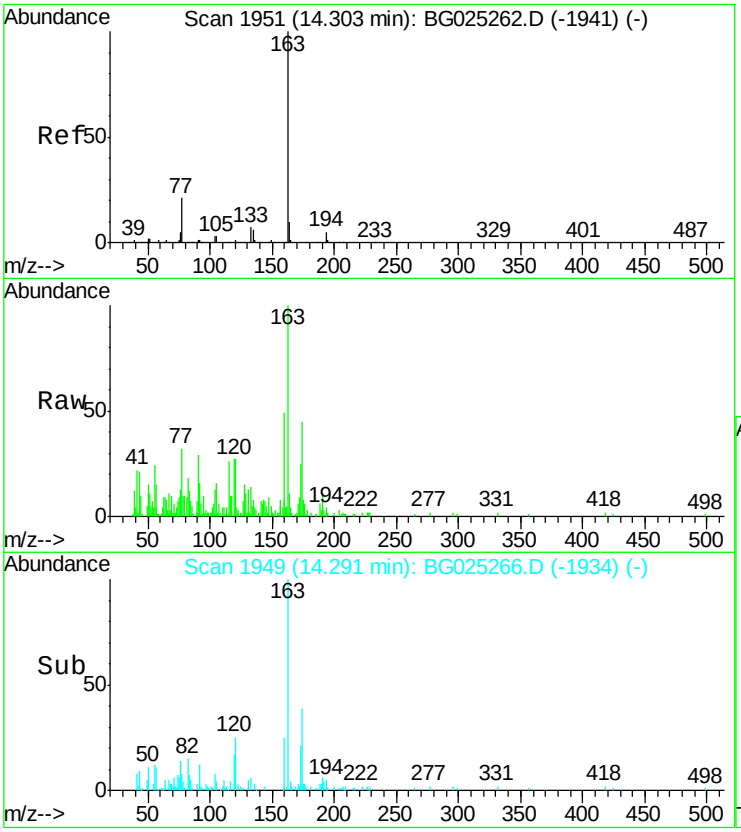


#40
1,1'-Biphenyl
Concen: 4.85 ng/ul
RT: 13.69 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Tgt Ion:154 Resp: 53187

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.2	48.2
76	10.9	9.6	14.4



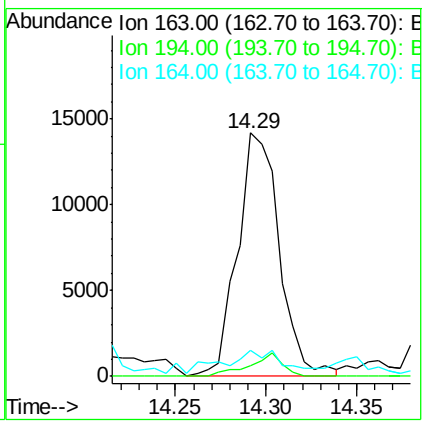


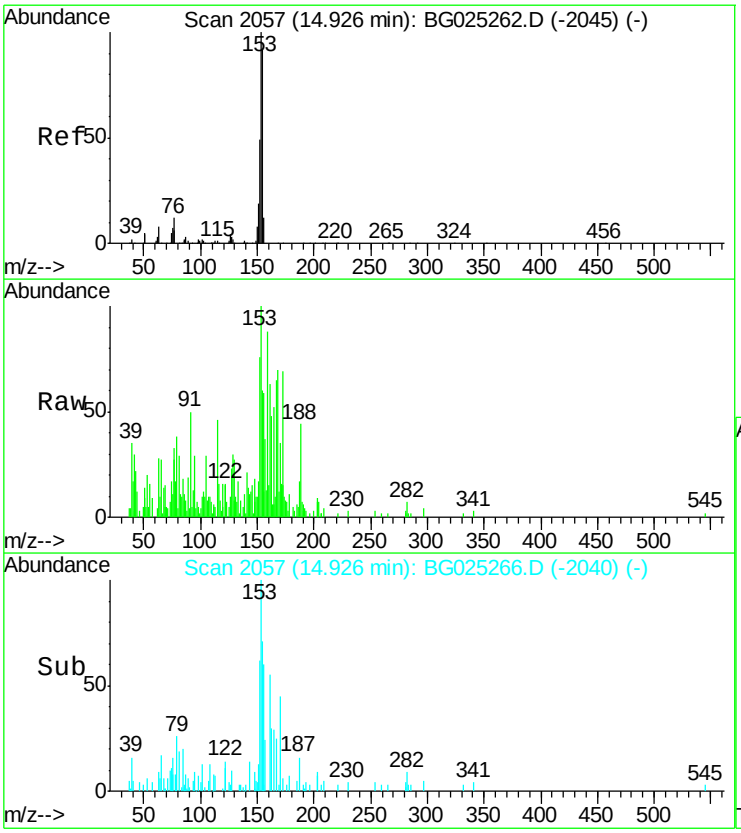
#44
Dimethylphthalate
Concen: 1.87 ng/ul
RT: 14.29 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:163 Resp: 22875

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.6	9.0	13.4

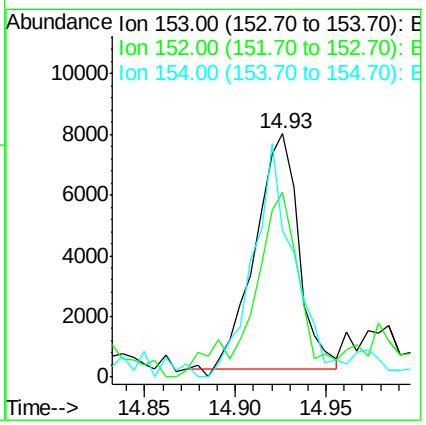


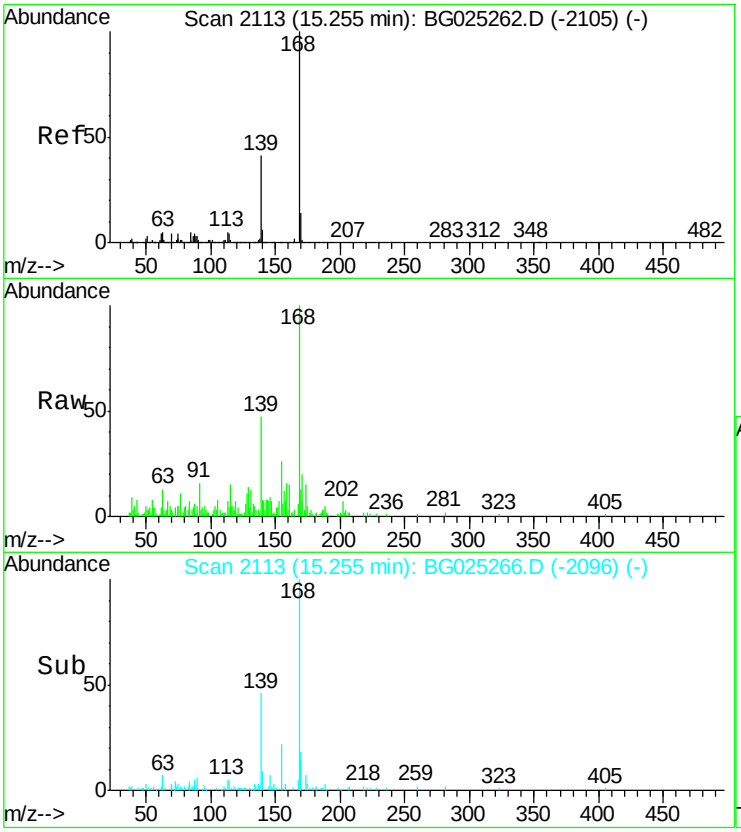


#49
Acenaphthene
Concen: 1.43 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Tgt Ion:153 Resp: 12951

Ion	Ratio	Lower	Upper
153	100		
152	75.7	36.5	54.7#
154	60.2	72.3	108.5#



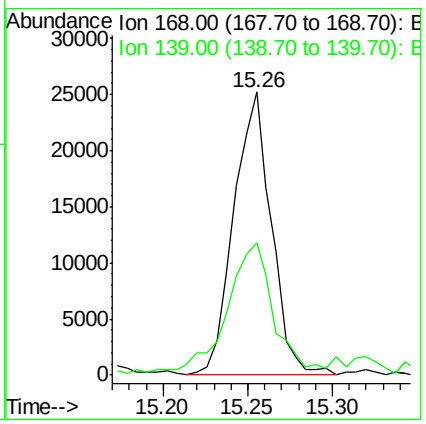


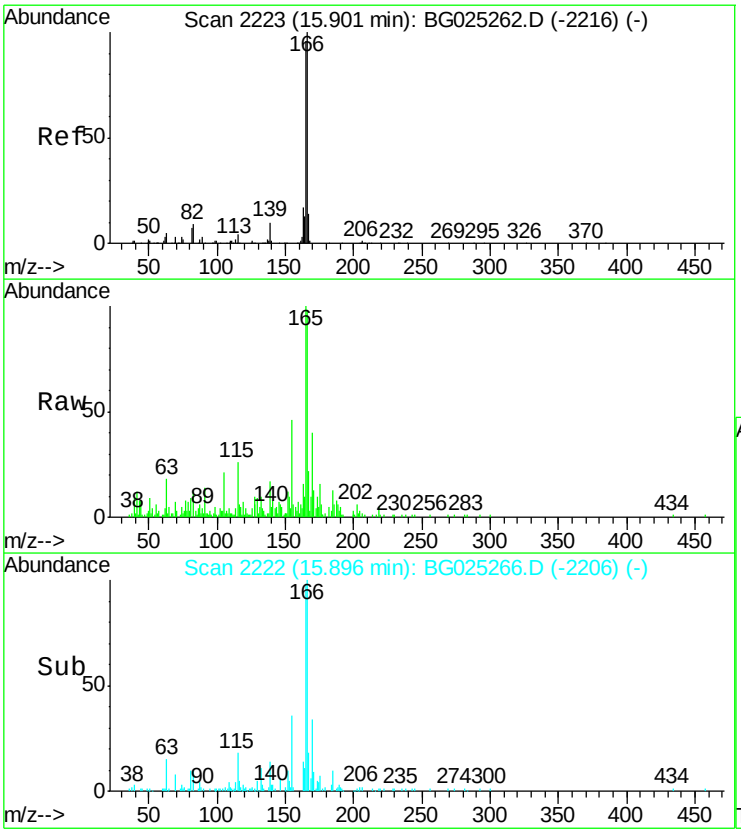
#53
Dibenzofuran
Concen: 2.72 ng/ul
RT: 15.26 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:168 Resp: 39050

Ion	Ratio	Lower	Upper
168	100		
139	46.7	33.8	50.8

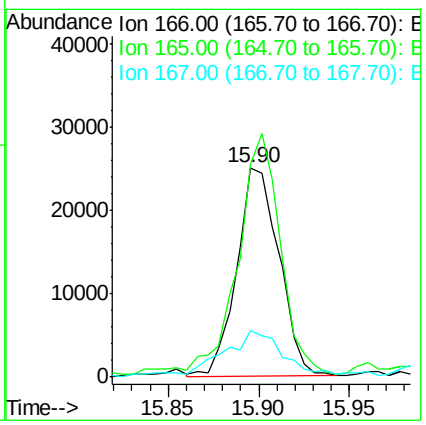


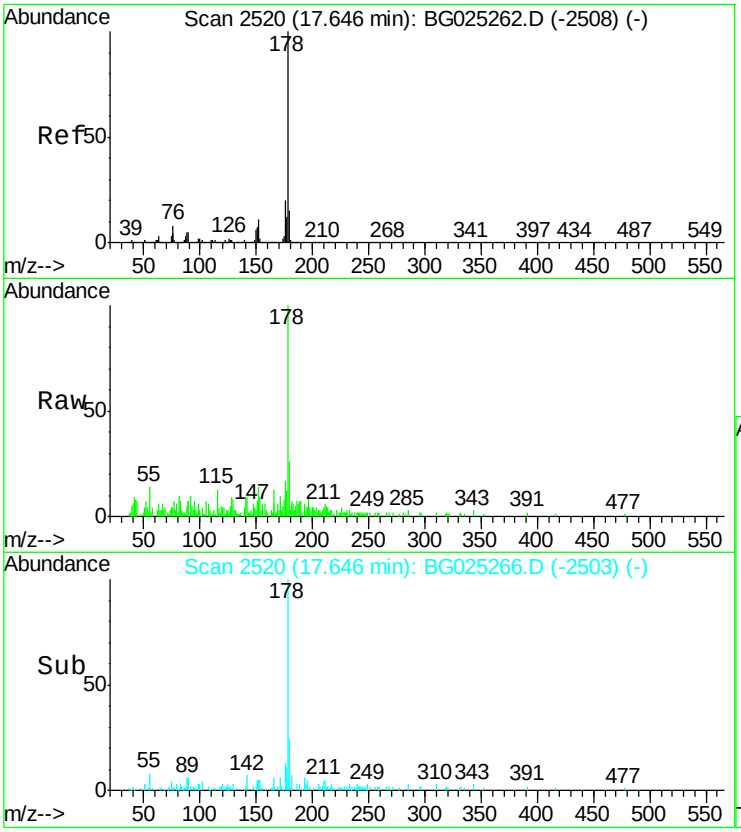


#58
Fluorene
Concen: 3.47 ng/ul
RT: 15.90 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Tgt Ion:166 Resp: 40538

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.7	119.5
167	22.2	11.4	17.2#





#69
Phenanthrene
Concen: 1.31 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Instrument :
BNA_G
ClientSampleId :
DA824DL

Tgt Ion:178 Resp: 25861

Ion	Ratio	Lower	Upper
178	100		
179	25.9	12.4	18.6#
176	17.1	16.5	24.7