Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 04:47:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	82908	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	312192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	243850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	506921	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	666417	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	689295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	223	0.14	ng/uL	-0.02
5) Phenol-d5	7.40	99	10823	1.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	8342	1.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	8971	1.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	8090	1.35	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	5113	2.31	ng/ul	0.01
22) 2-Nitrophenol-d4	10.14	143	5212	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	9786	1.85	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	4176	0.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	34581	2.06	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	43940	2.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	3566	1.24	ng/ul	0.02
57) Fluorene-d10	15.84	176	39735	2.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	4227	1.35	ng/ul	0.00
70) Anthracene-d10	17.70	188	52846	2.47	ng/ul	0.00
76) Pyrene-d10	19.97	212	63052	2.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	61208	2.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	8775	1.20	ng/ul#	84
11) 2-Methylphenol	8.67	108	15028	2.78	ng/ul	88
16) 4-Methylphenol	9.02	108	42006	6.99	ng/ul	92
17) Hexachloroethane	9.34	117	2511	1.13	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	267236	41.80	ng/ul	97
28) Naphthalene	11.11	128	43546	3.00	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	80819	7.06	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	23012	1.56	ng/ul	99
53) Dibenzofuran	15.25	168	35759	1.85	ng/ul	99
58) Fluorene	15.90	166	50806	3.22	ng/ul	94
69) Phenanthrene	17.64	178	80433	3.32	ng/ul#	62
77) Pyrene	20.00	202	34240	1.07	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.71	149	34179	1.98	ng/ul#	96

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

Quantitation Report (Not Reviewed)

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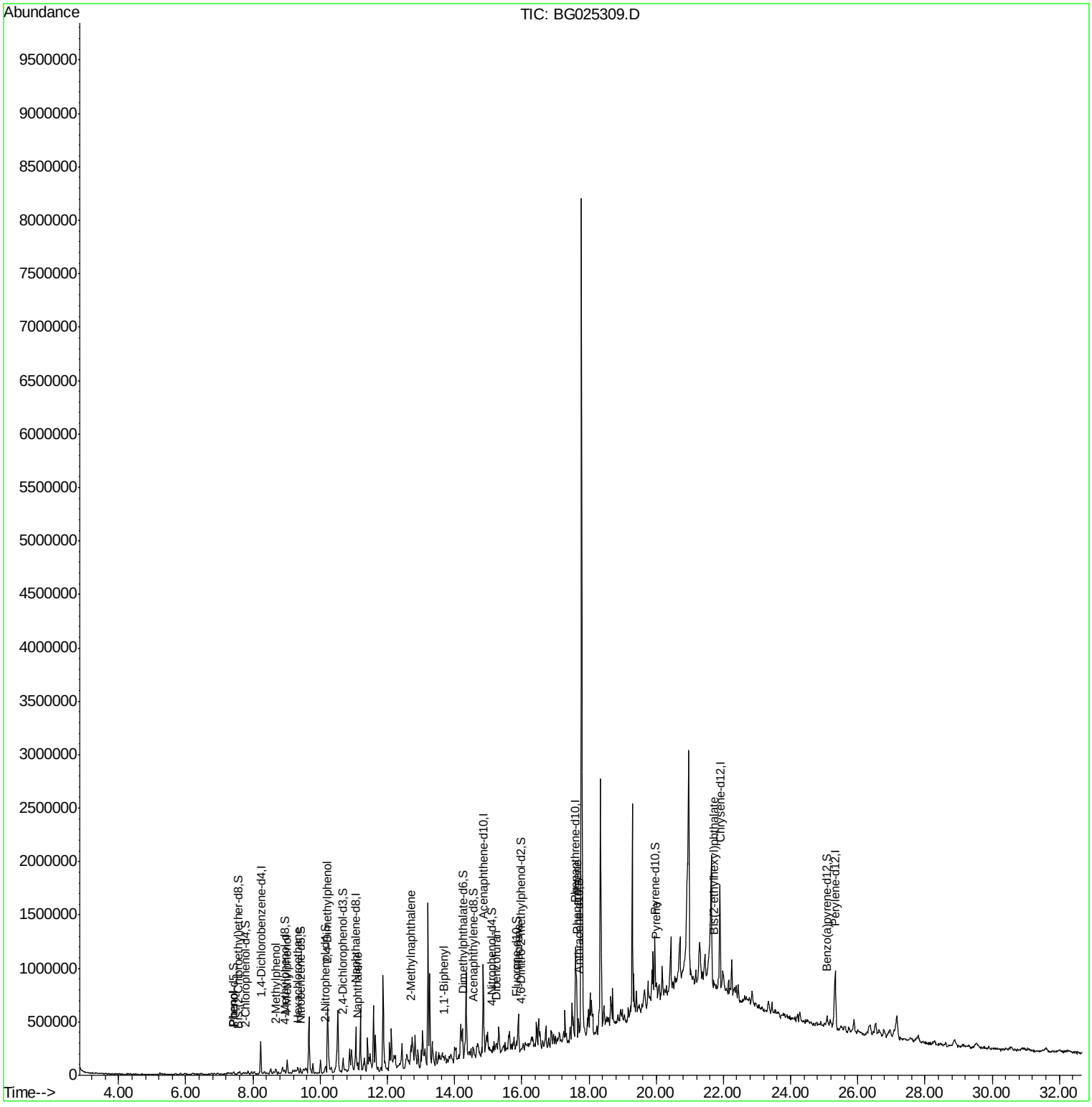
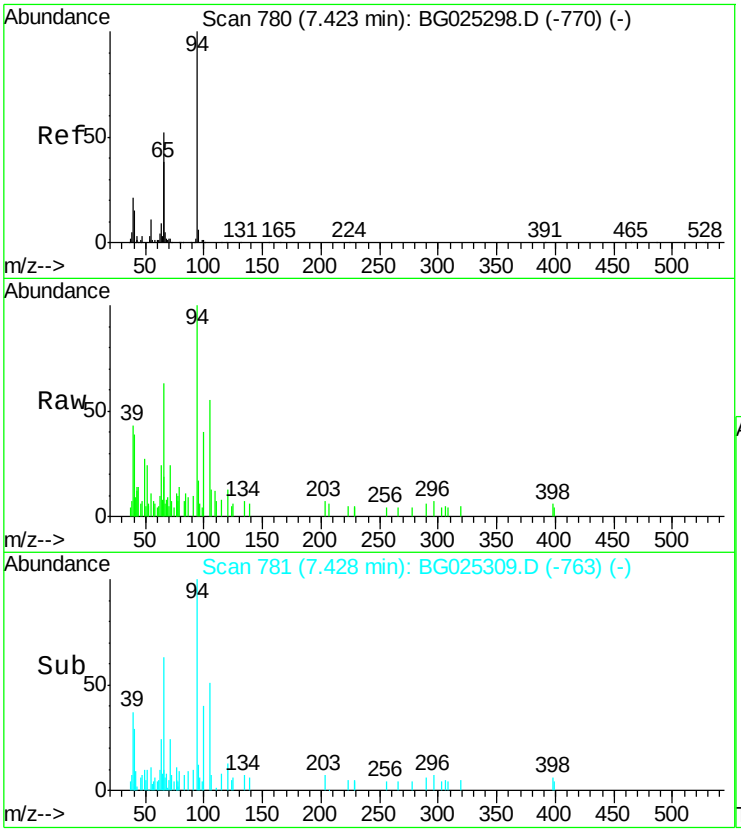
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 19 04:47:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration



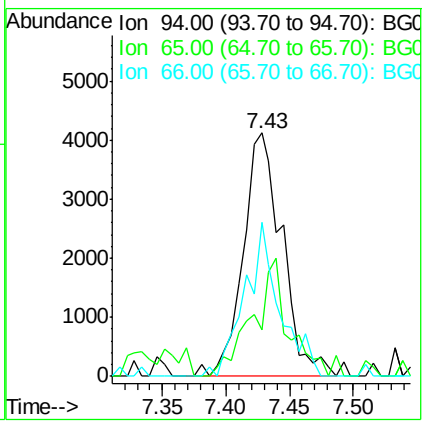


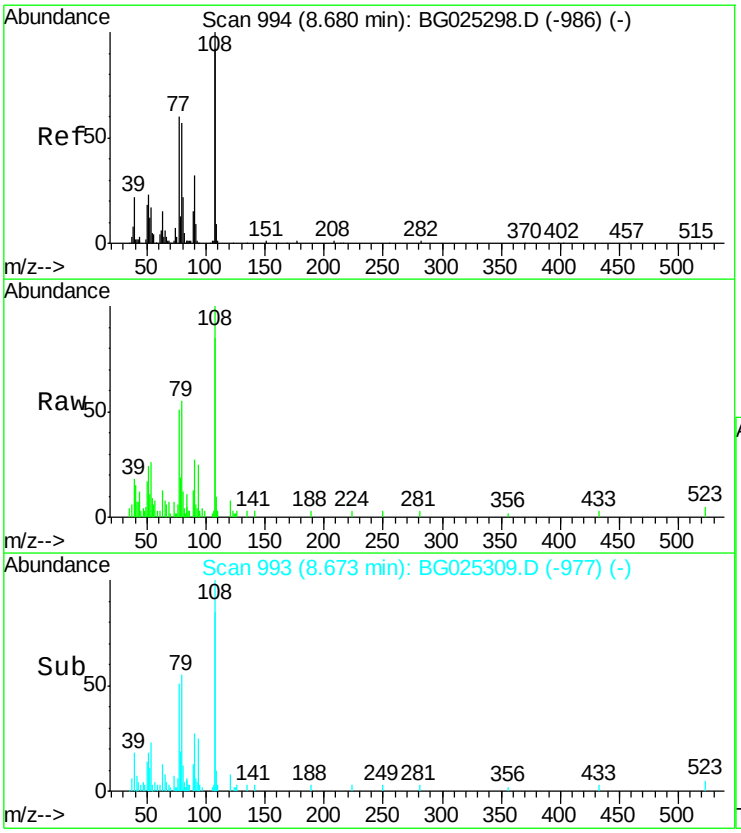
#6
Phenol
Concen: 1.20 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 8775

Ion	Ratio	Lower	Upper
94	100		
65	18.9	26.8	40.2#
66	63.4	44.4	66.6

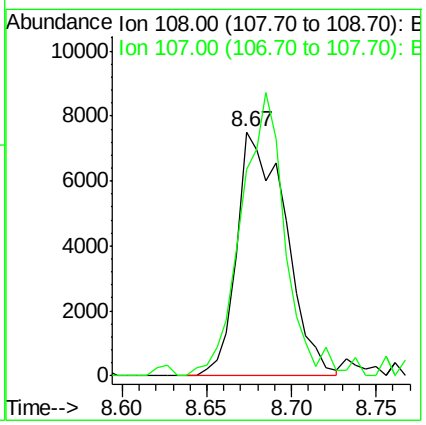


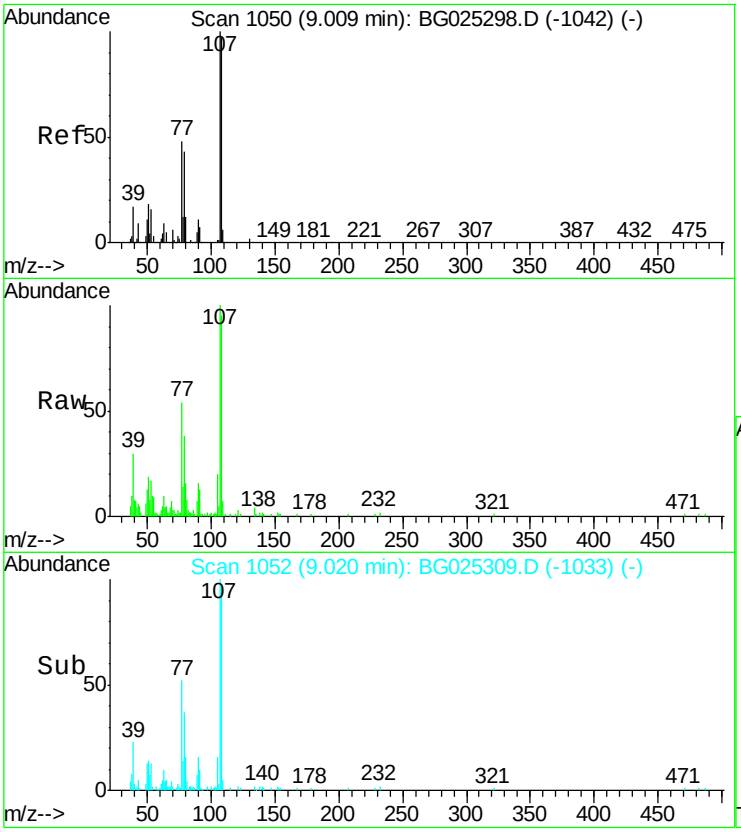


#11
2-Methylphenol
Concen: 2.78 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Tgt Ion:108 Resp: 15028

Ion	Ratio	Lower	Upper
108	100		
107	84.6	76.7	115.1



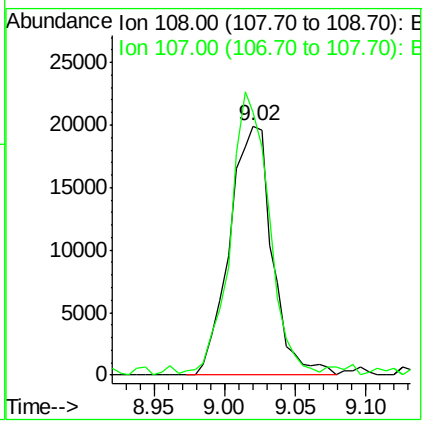


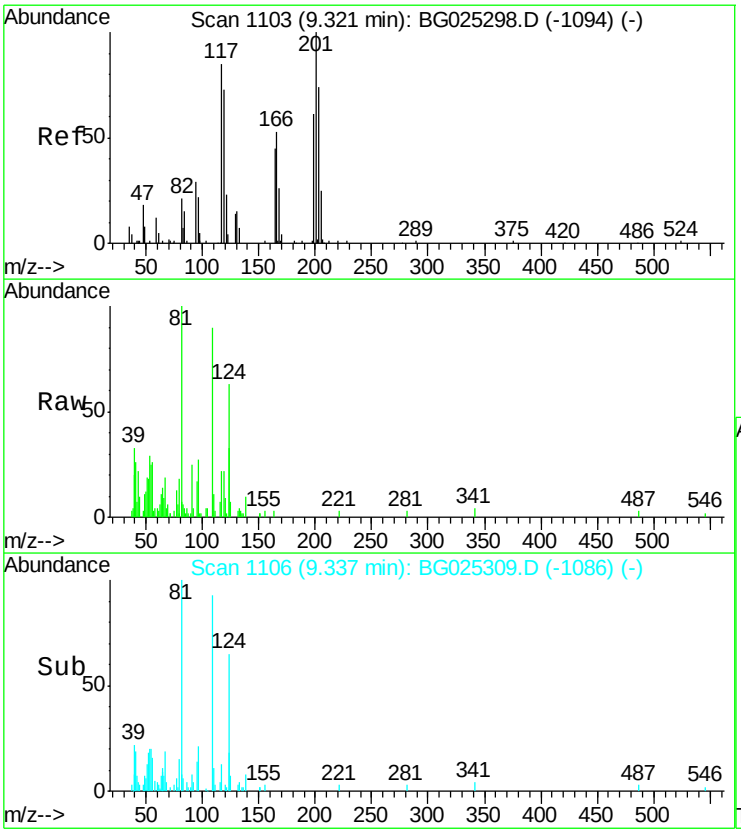
#16
4-Methylphenol
Concen: 6.99 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 42006

Ion	Ratio	Lower	Upper
108	100		
107	105.5	91.7	137.5

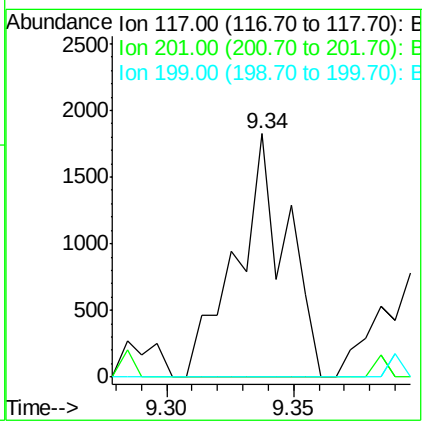


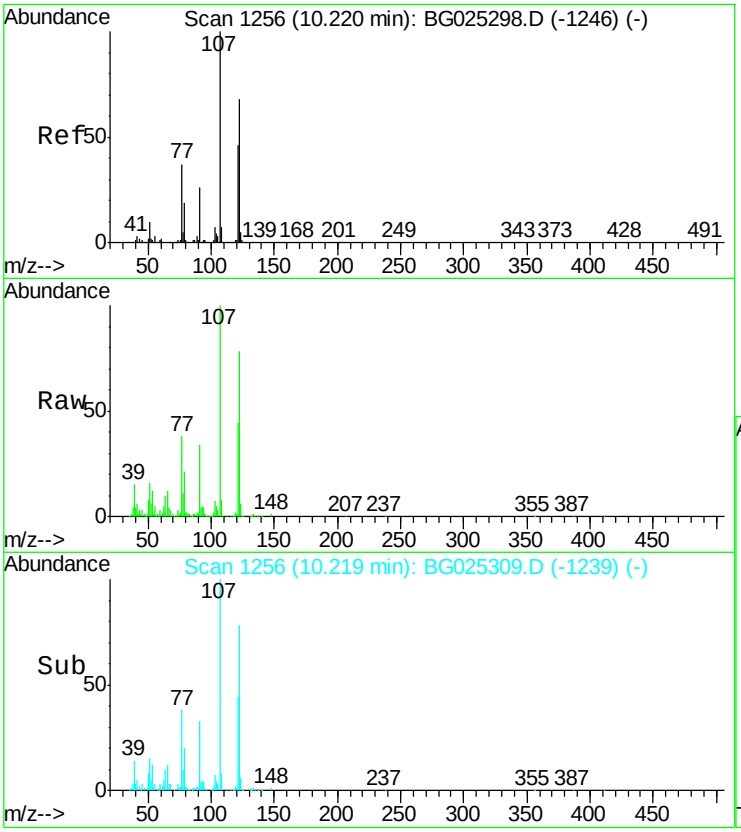


#17
Hexachloroethane
Concen: 1.13 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Tgt Ion:117 Resp: 2511

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



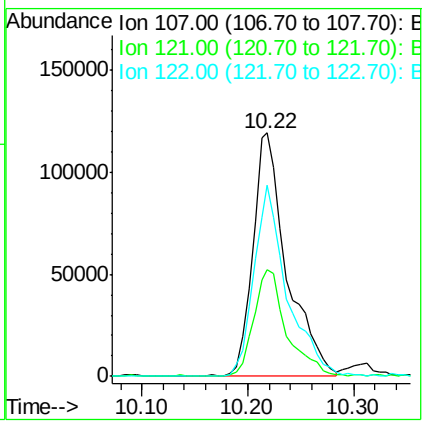


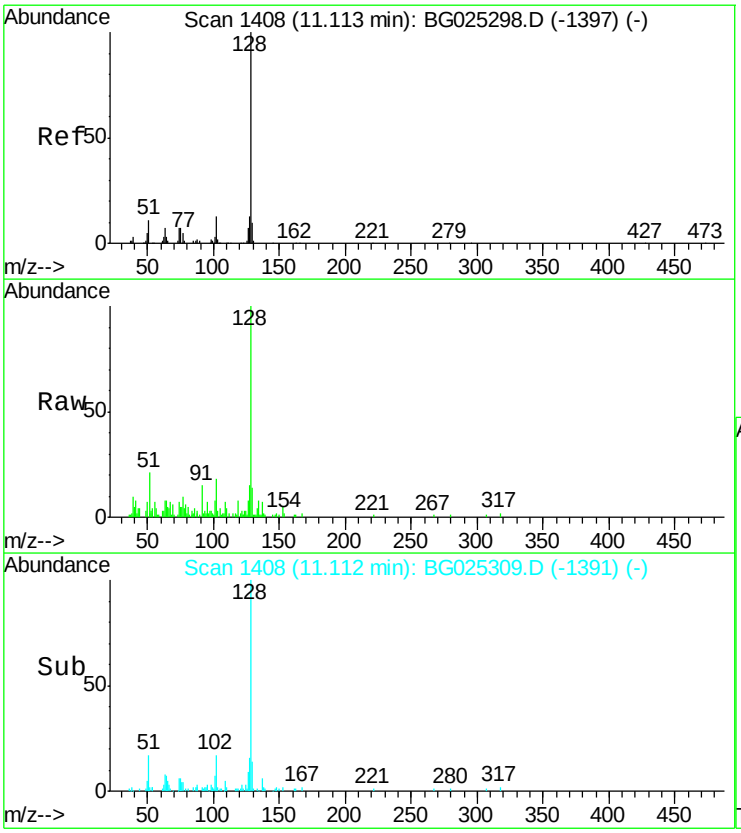
#24
2,4-Dimethylphenol
Concen: 41.80 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 267236

Ion	Ratio	Lower	Upper
107	100		
121	44.0	32.3	48.5
122	78.3	61.2	91.8

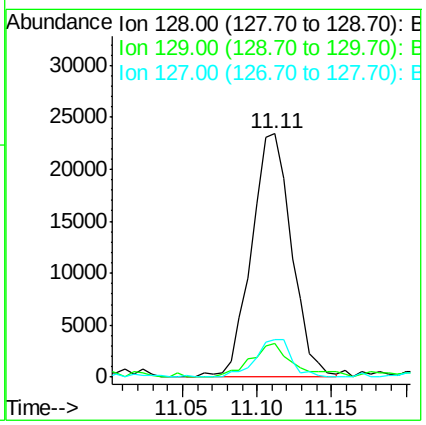


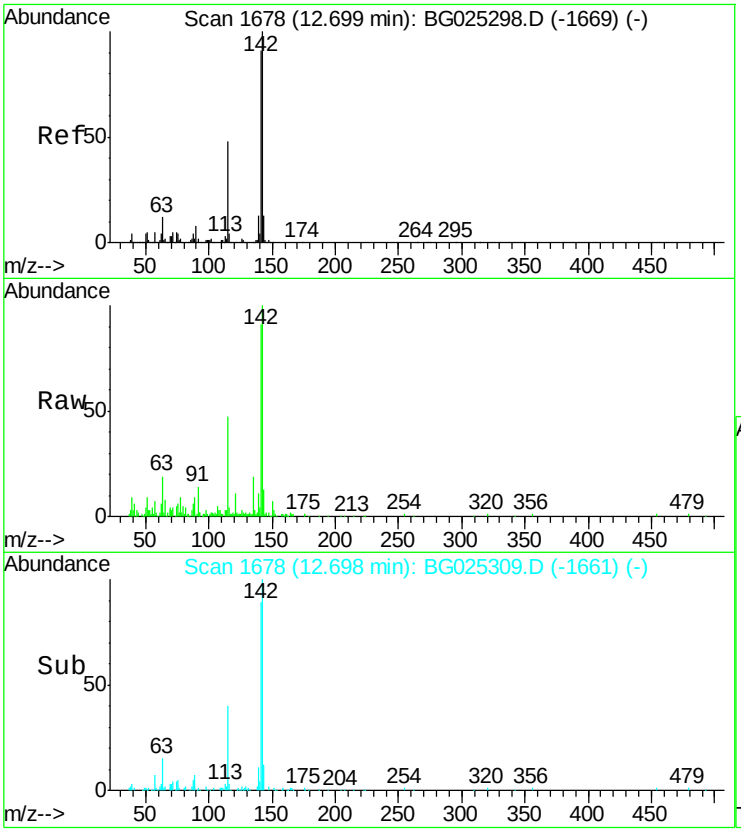


#28
Naphthalene
Concen: 3.00 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Tgt Ion:128 Resp: 43546

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.4	14.2
127	15.5	10.3	15.5



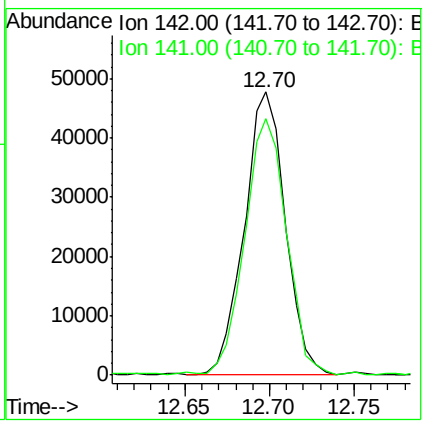


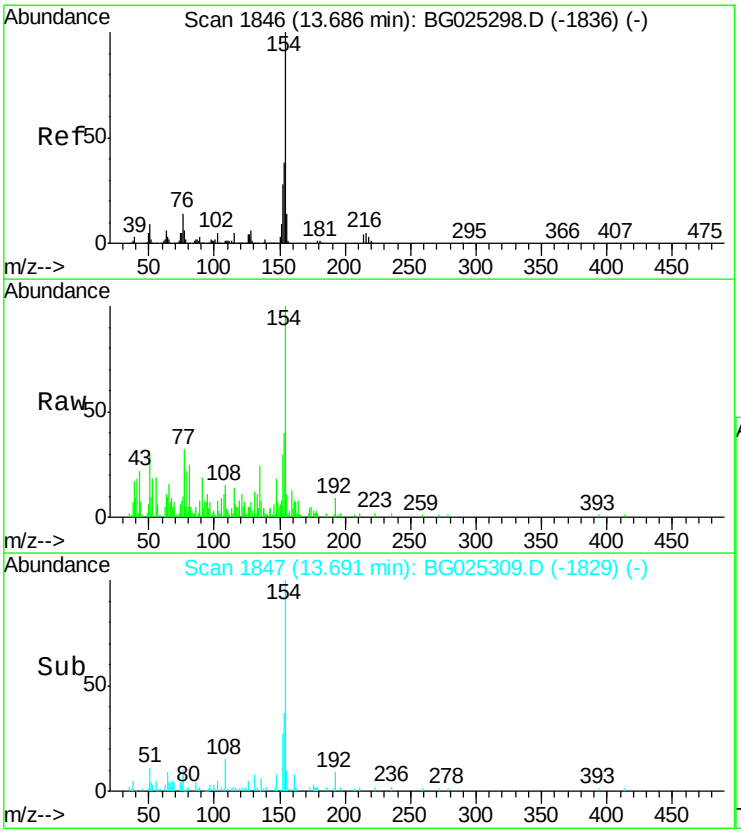
#34
2-Methylnaphthalene
Concen: 7.06 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 80819

Ion	Ratio	Lower	Upper
142	100		
141	90.7	68.6	102.8

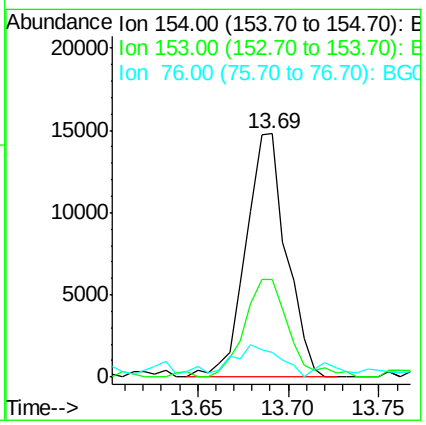


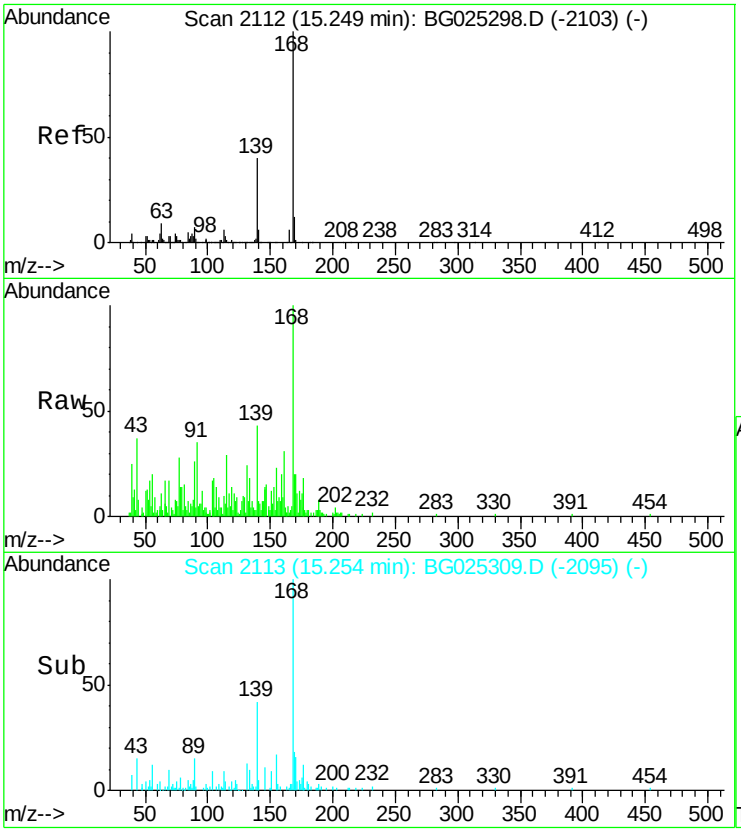


#40
1,1'-Biphenyl
Concen: 1.56 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Tgt Ion:154 Resp: 23012

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.2	48.2
76	10.4	9.6	14.4



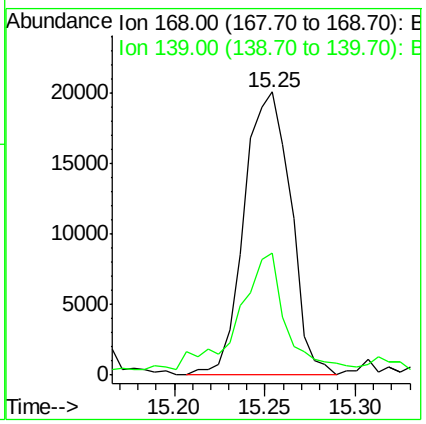


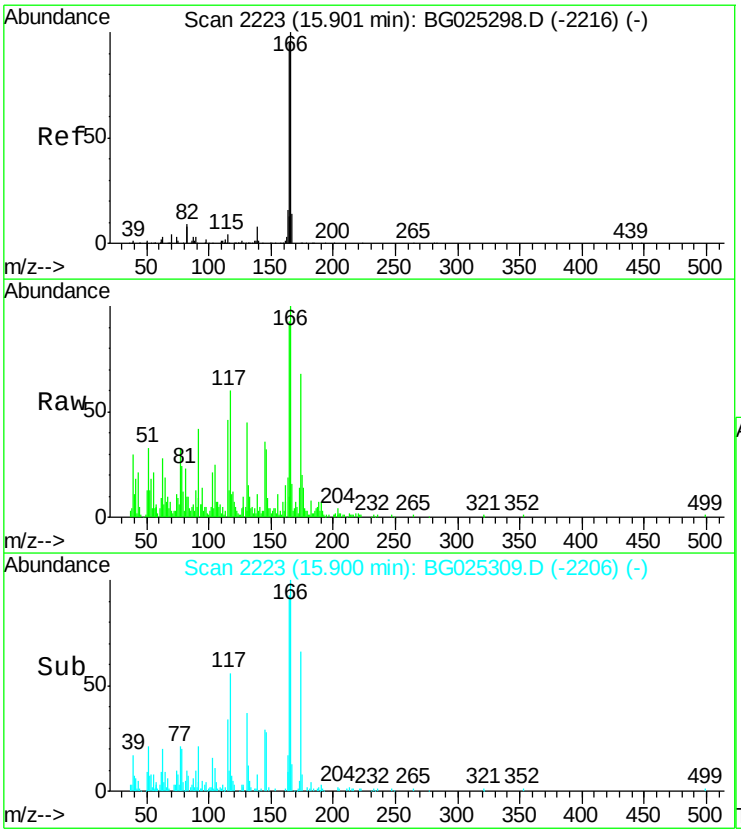
#53
Dibenzofuran
Concen: 1.85 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 35759

Ion	Ratio	Lower	Upper
168	100		
139	43.1	33.8	50.8

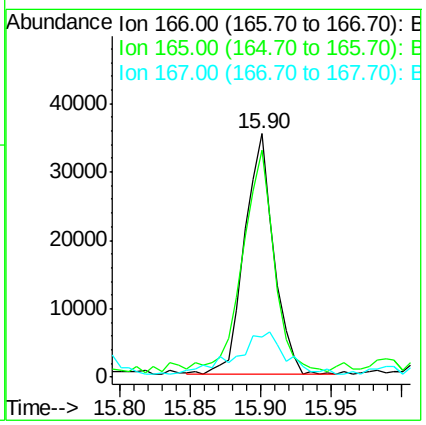


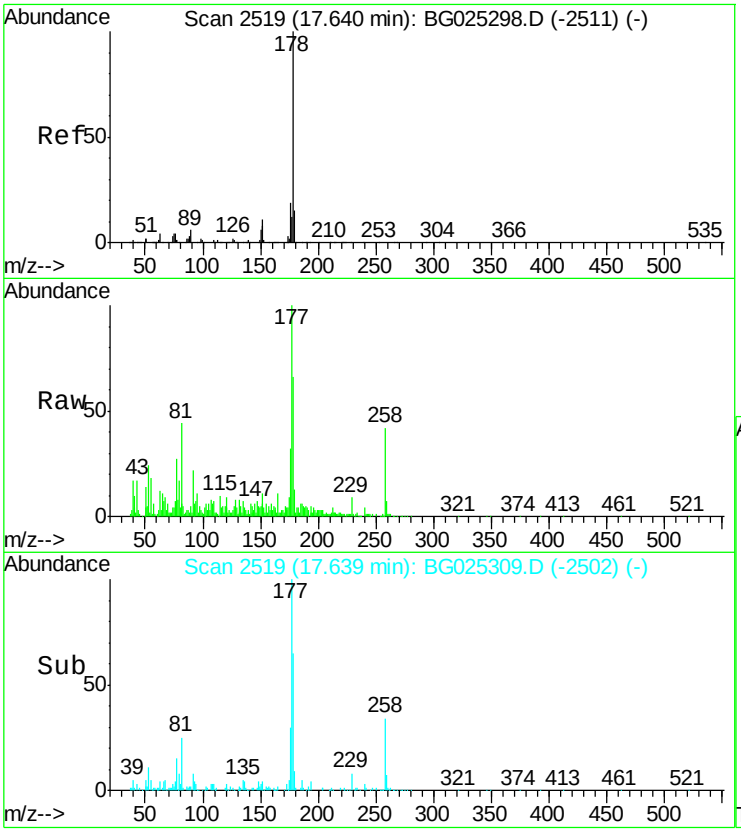


#58
Fluorene
Concen: 3.22 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Tgt Ion:166 Resp: 50806

Ion	Ratio	Lower	Upper
166	100		
165	93.4	79.7	119.5
167	16.4	11.4	17.2



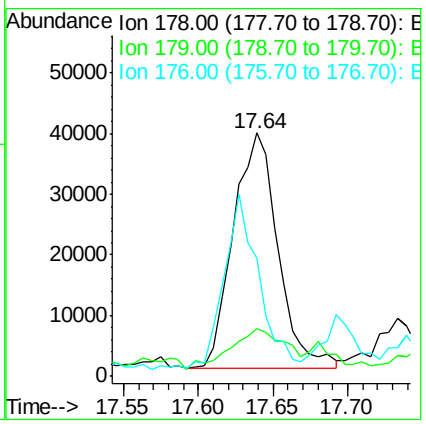


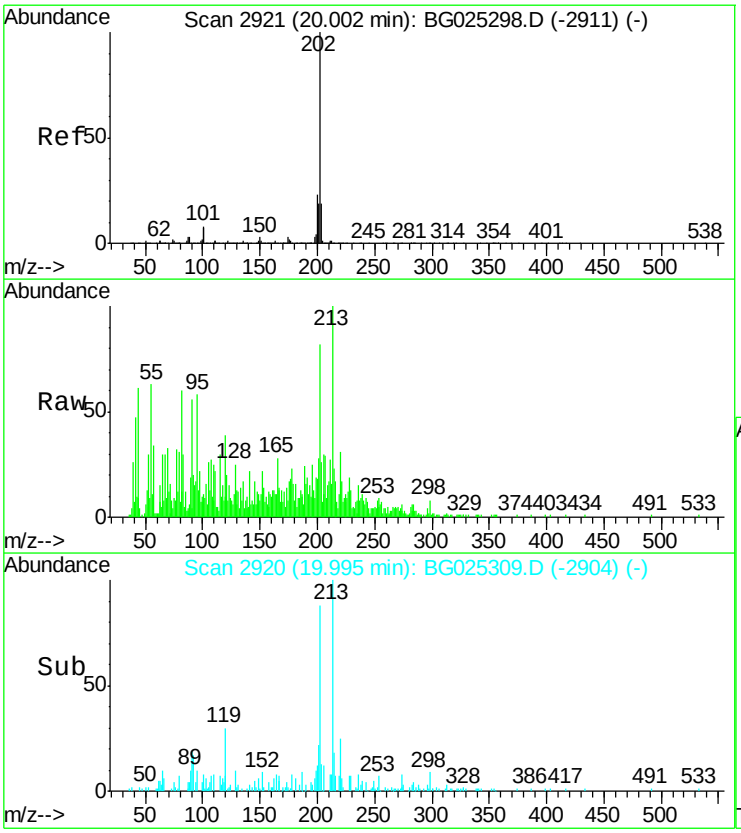
#69
Phenanthrene
Concen: 3.32 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 80433

Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.4	18.6#
176	48.6	16.5	24.7#

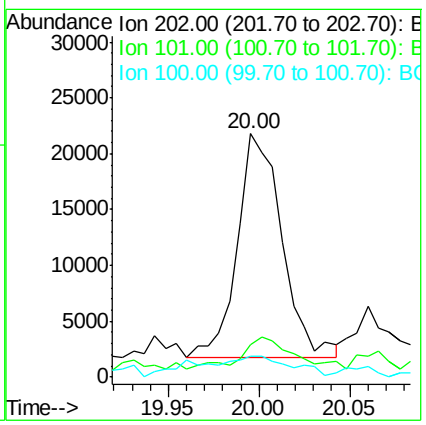


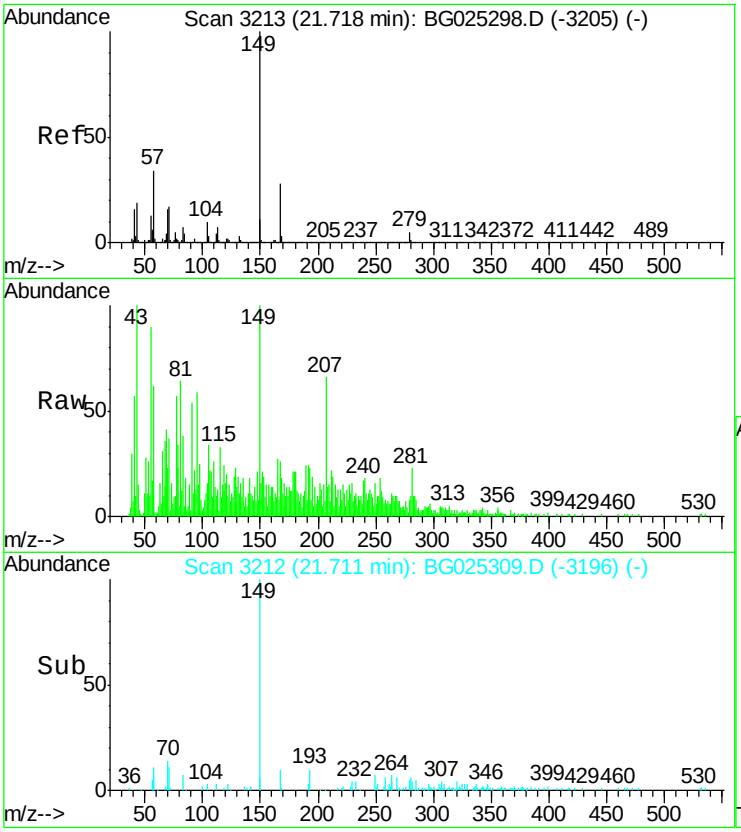


#77
Pyrene
Concen: 1.07 ng/ul
RT: 20.00 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Tgt Ion:202 Resp: 34240

Ion	Ratio	Lower	Upper
202	100		
101	13.1	6.9	10.3#
100	8.3	6.6	10.0





#81
Bis(2-ethylhexyl)phthalate
Concen: 1.98 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. -0.01 min
Lab File: BG025309.D
Acq: 18 Dec 2016 13:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 34179

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	8.1	4.5	6.7#