Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025248.D
Acq On : 16 Dec 2016 21:16
Operator : UM/SJ
Sample : H6040-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T7

Quant Time: Dec 17 00:25:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	69045	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	271299	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	204074	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	426024	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	580922	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	593067	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	3860	2.89	ng/uL	0.00
5) Phenol-d5	7.39	99	91996	15.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	57962	15.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	65142	15.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	69747	14.01	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	32296	16.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	39715	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	76896	16.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	22024	4.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	234266	16.69	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	274319	17.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	40743	16.89	ng/ul	0.01
57) Fluorene-d10	15.84	176	212154	16.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	47564	18.06	ng/ul	0.00
70) Anthracene-d10	17.70	188	340557	18.94	ng/ul	0.00
76) Pyrene-d10	19.97	212	424549	17.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	448755	18.67	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	23481	3.84	ng/ul	94
11) 2-Methylphenol	8.68	108	5230	1.16	ng/ul#	73
16) 4-Methylphenol	9.00	108	10253	2.05	ng/ul#	67
24) 2,4-Dimethylphenol	10.22	107	9089	1.64	ng/ul#	72
28) Naphthalene	11.11	128	24202	1.92	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	48031	4.83	ng/ul	86
40) 1,1'-Biphenyl	13.69	154	13082	1.06	ng/ul#	89
44) Dimethylphthalate	14.29	163	76375	5.54	ng/ul	97
53) Dibenzofuran	15.25	168	31290	1.93	ng/ul	96
58) Fluorene	15.89	166	23549	1.79	ng/ul#	91
64) N-Nitrosodiphenylamine	16.10	169	14700	1.34	ng/ul#	60
69) Phenanthrene	17.64	178	111689	5.49	ng/ul	97
74) Fluoranthene	19.64	202	68295	2.83	ng/ul#	94
77) Pyrene	20.00	202	108570	3.89	ng/ul#	89
80) Benzo(a)anthracene	21.87	228	42840	1.42	ng/ul#	64
81) Bis(2-ethylhexyl)phthalate	21.72	149	116913	7.77	ng/ul	95
82) Chrysene	21.94	228	49515	1.75	ng/ul#	88
85) Benzo(b)fluoranthene	24.22	252	91244	3.10	ng/ul#	83
86) Benzo(k)fluoranthene	24.28	252	28767	1.03	ng/ul#	70
88) Benzo(a)pyrene	25.15	252	56990	2.02	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	29.29	276	44566	1.27	ng/ul#	71

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025248.D
Acq On : 16 Dec 2016 21:16
Operator : UM/SJ
Sample : H6040-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8T7

Quant Time: Dec 17 00:25:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

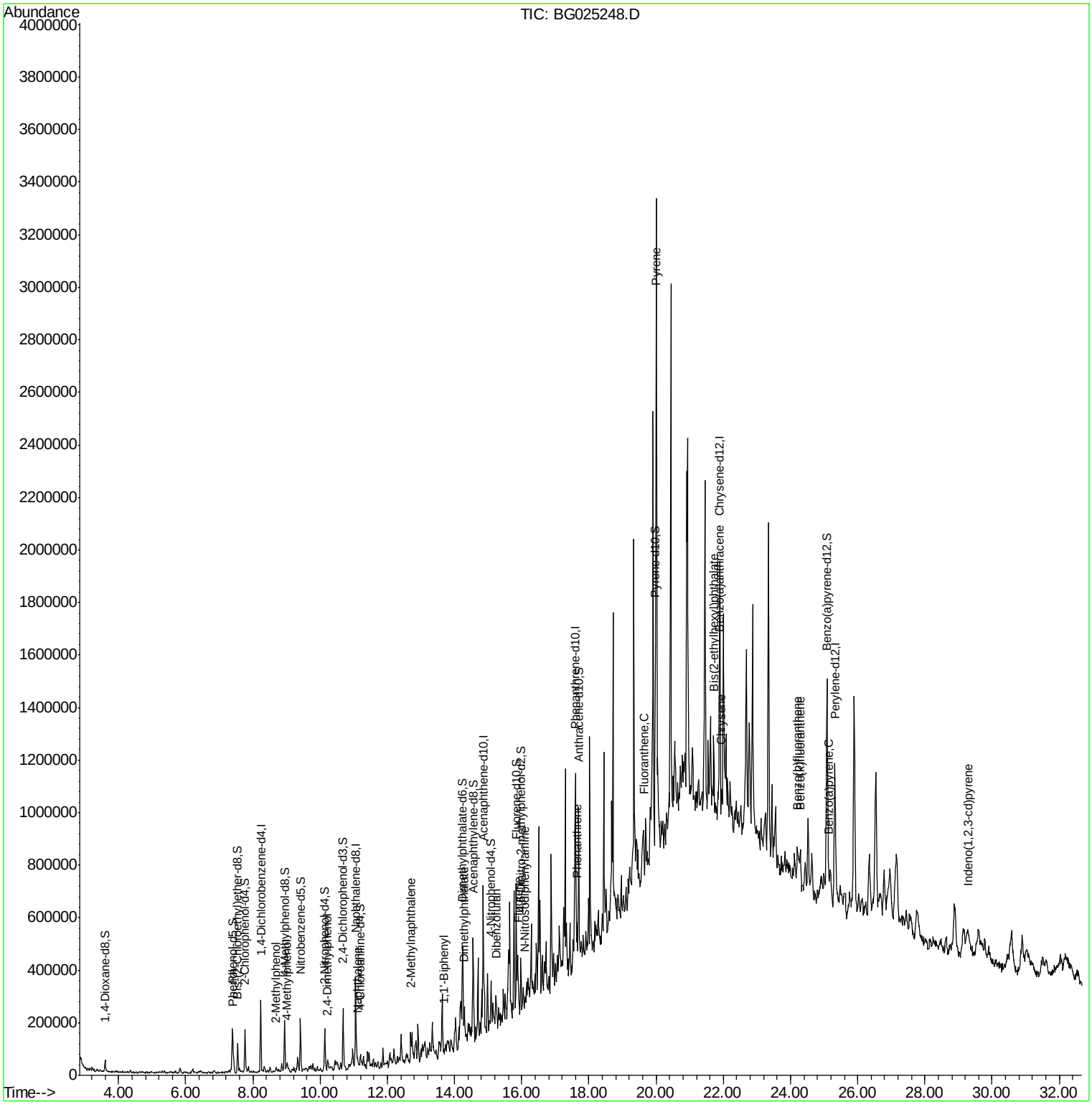
(#) = qualifier out of range (m) = manual integration (+) = signals summed

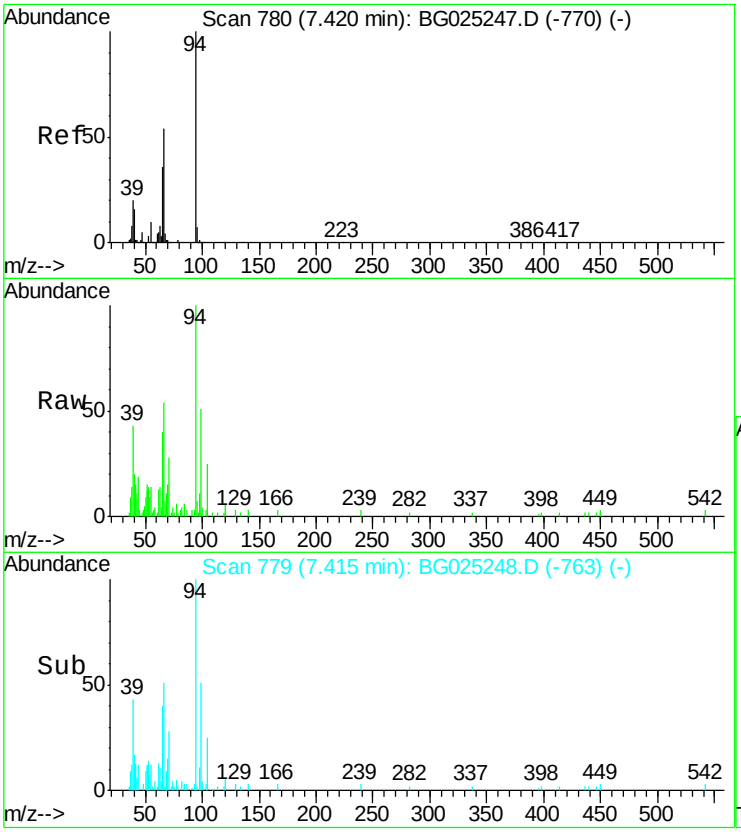
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025248.D
Acq On : 16 Dec 2016 21:16
Operator : UM/SJ
Sample : H6040-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T7

Quant Time: Dec 17 00:25:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration



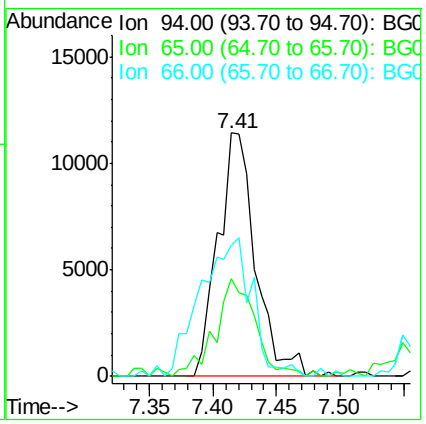


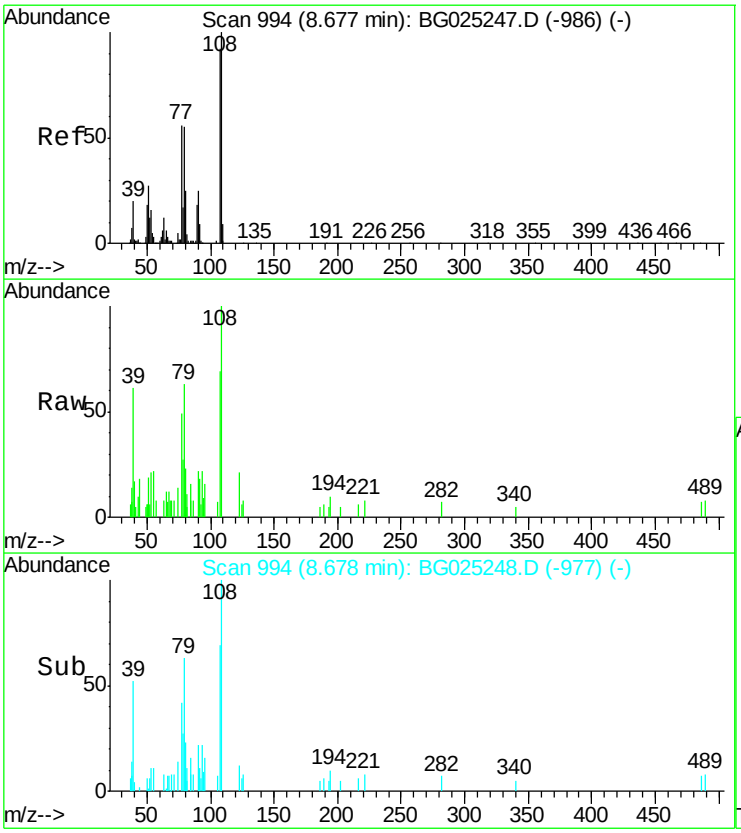
#6
Phenol
Concen: 3.84 ng/ul
RT: 7.41 min Scan# 779
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion: 94 Resp: 23481

Ion	Ratio	Lower	Upper
94	100		
65	40.2	26.8	40.2
66	53.5	44.4	66.6

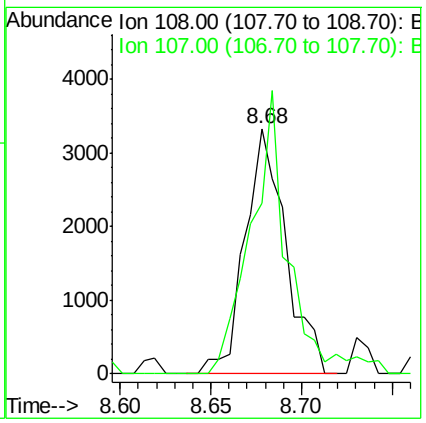


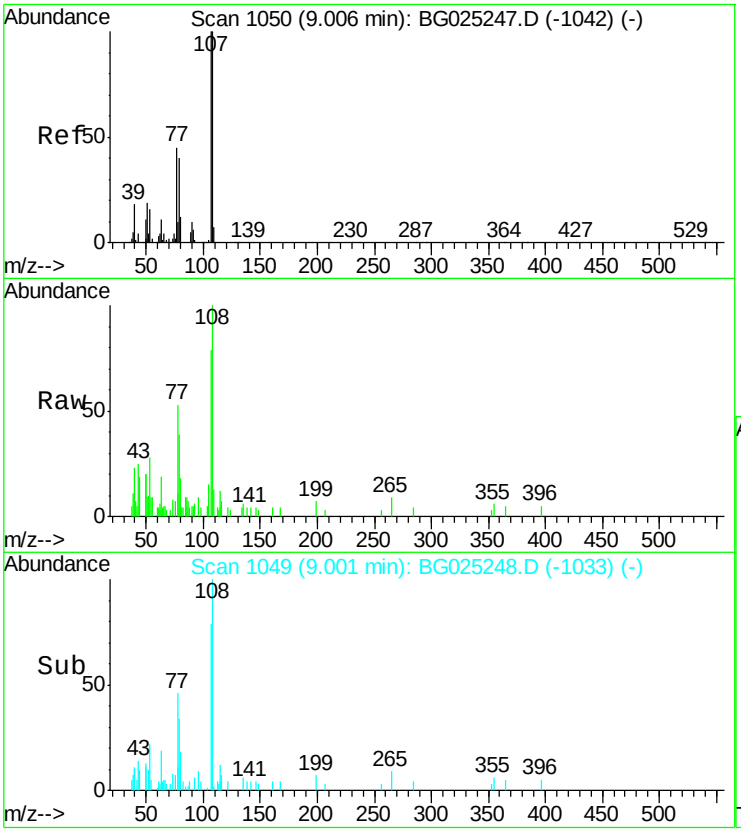


#11
2-Methylphenol
Concen: 1.16 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:108 Resp: 5230

Ion	Ratio	Lower	Upper
108	100		
107	69.3	76.7	115.1#



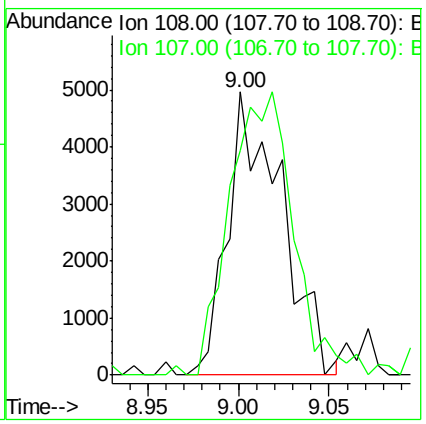


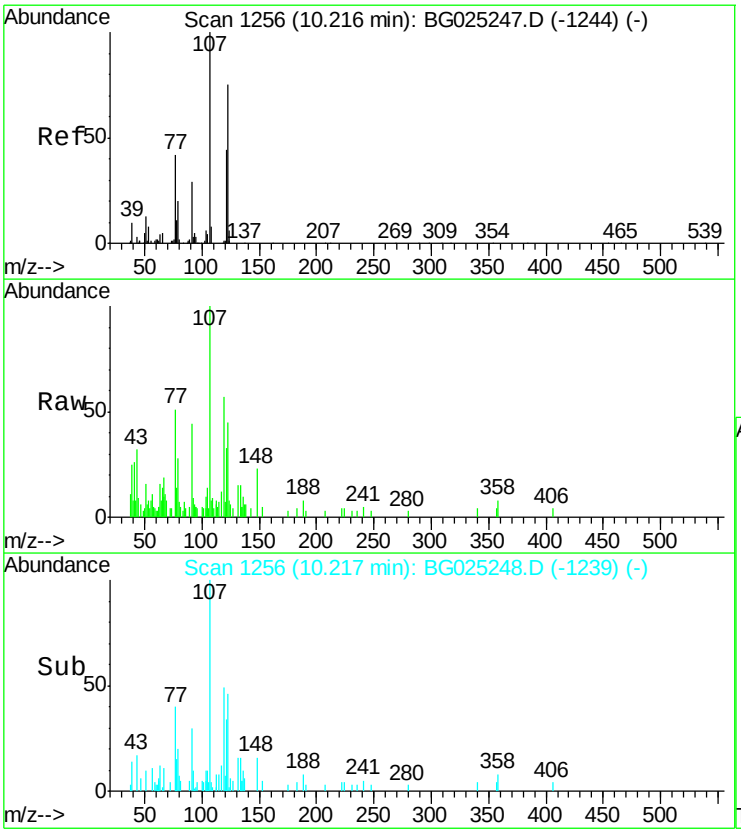
#16
4-Methylphenol
Concen: 2.05 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:108 Resp: 10253

Ion	Ratio	Lower	Upper
108	100		
107	79.1	91.7	137.5#

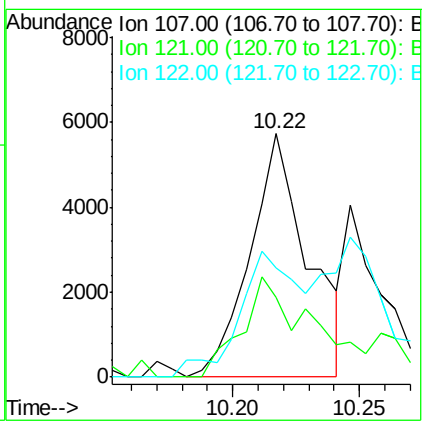


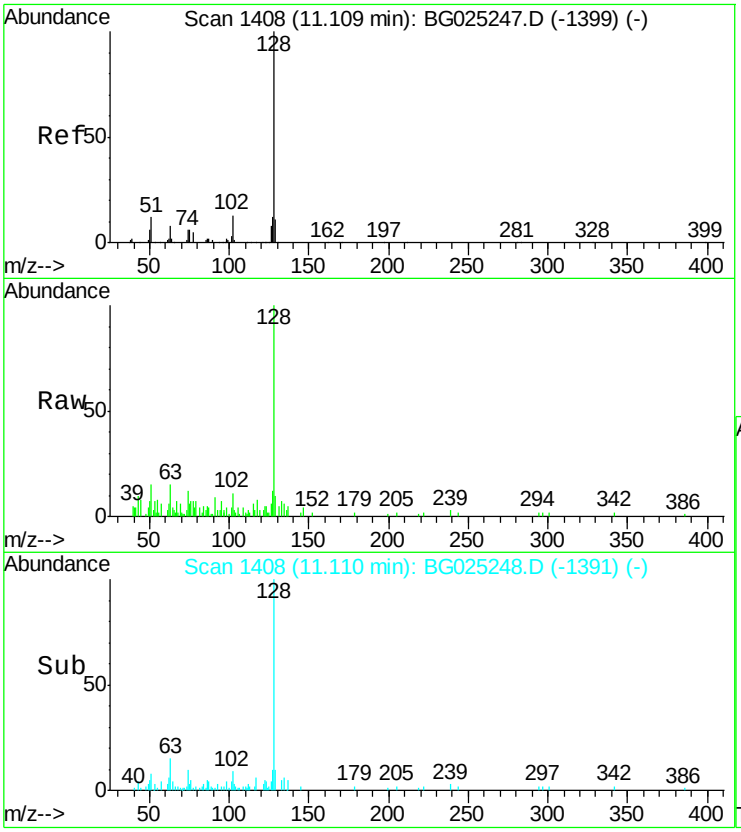


#24
2,4-Dimethylphenol
Concen: 1.64 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:107 Resp: 9089

Ion	Ratio	Lower	Upper
107	100		
121	33.0	32.3	48.5
122	44.8	61.2	91.8#



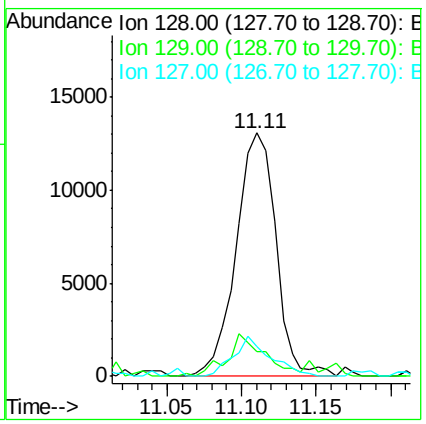


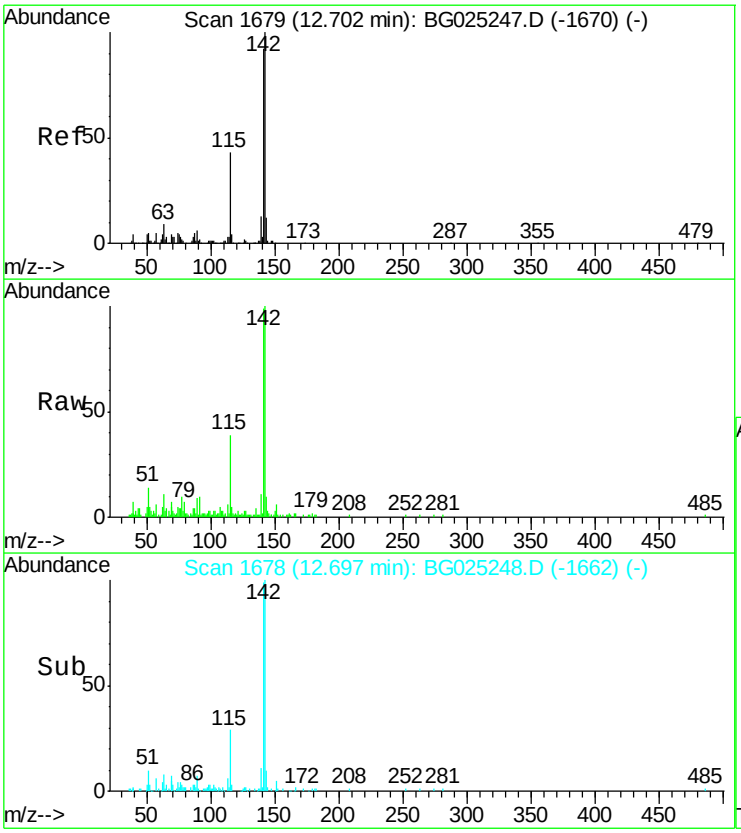
#28
Naphthalene
Concen: 1.92 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:128 Resp: 24202

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.2
127	12.3	10.3	15.5

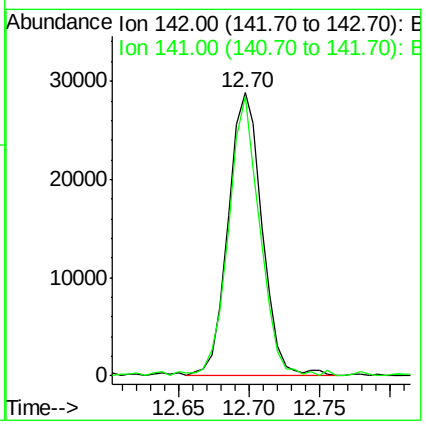


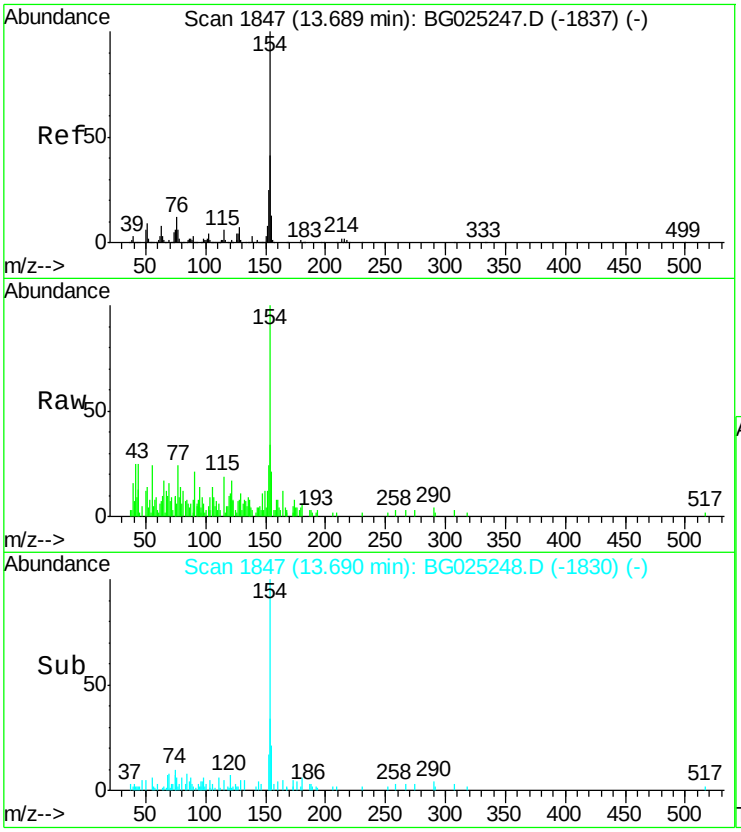


#34
2-Methylnaphthalene
Concen: 4.83 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:142 Resp: 48031

Ion	Ratio	Lower	Upper
142	100		
141	98.9	68.6	102.8



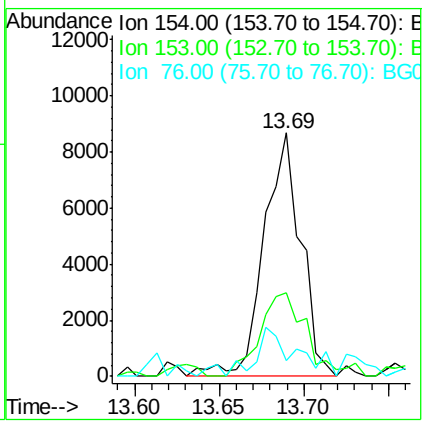


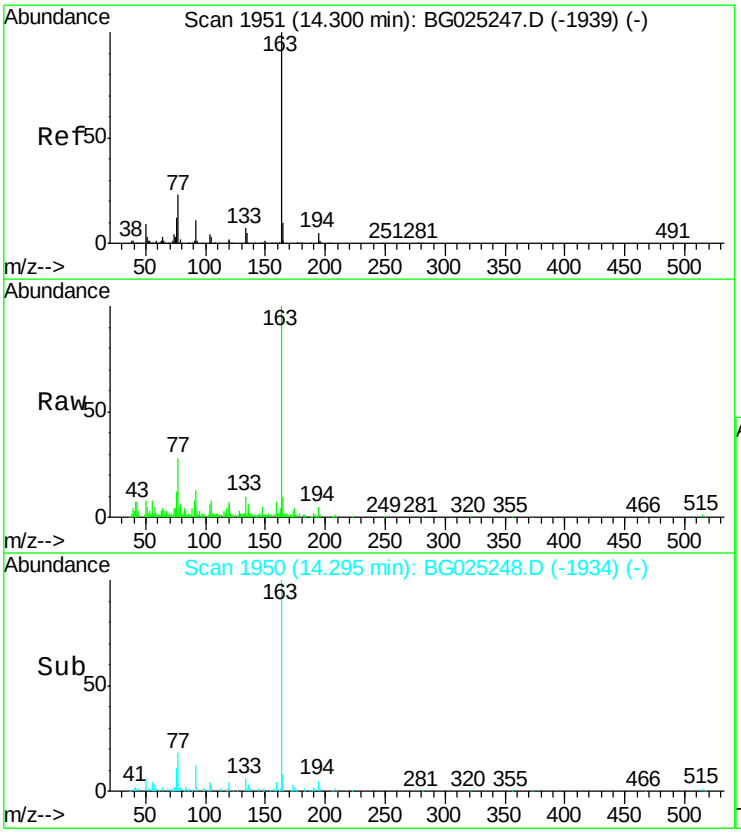
#40
1,1'-Biphenyl
Concen: 1.06 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:154 Resp: 13082

Ion	Ratio	Lower	Upper
154	100		
153	34.3	32.2	48.2
76	6.5	9.6	14.4#

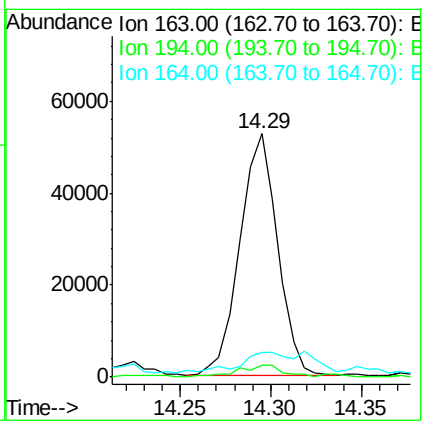


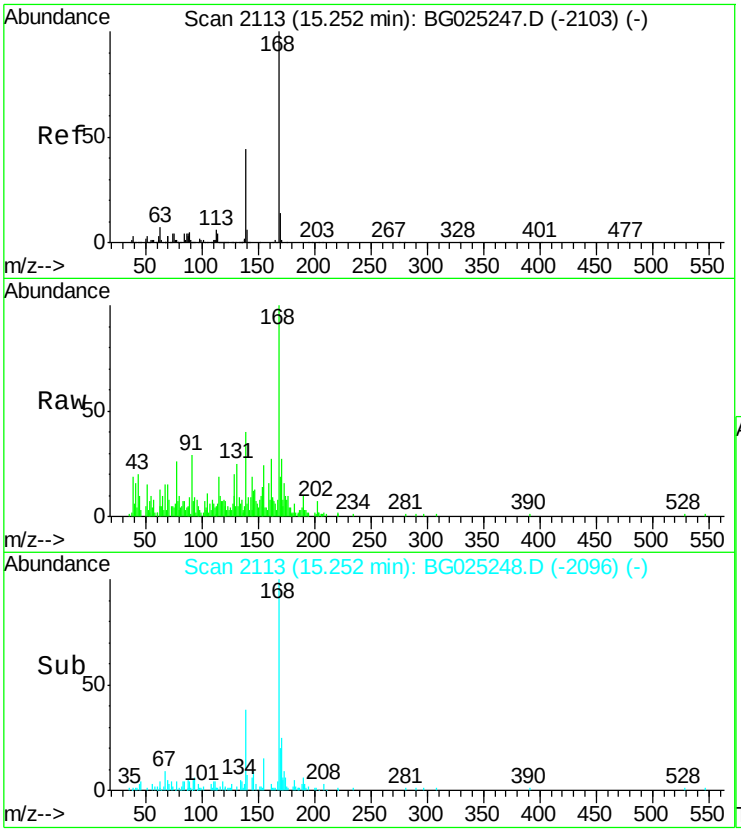


#44
Dimethylphthalate
Concen: 5.54 ng/ul
RT: 14.29 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:163 Resp: 76375

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.1	9.0	13.4



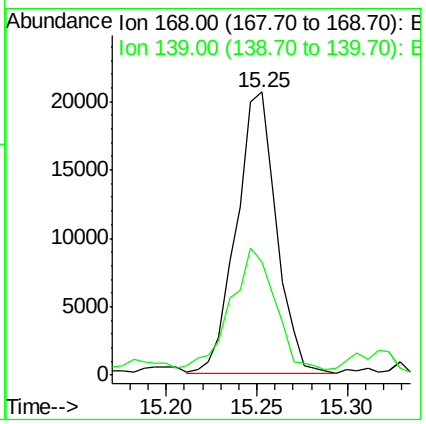


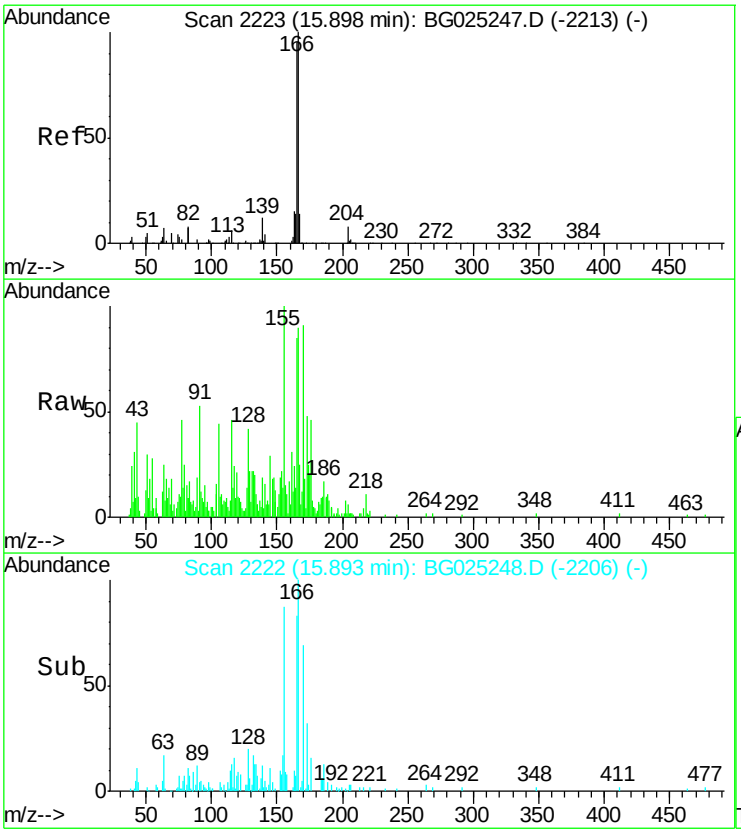
#53
Dibenzofuran
Concen: 1.93 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:168 Resp: 31290

Ion	Ratio	Lower	Upper
168	100		
139	40.0	33.8	50.8

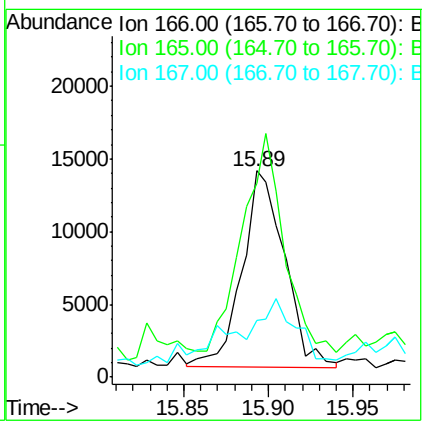


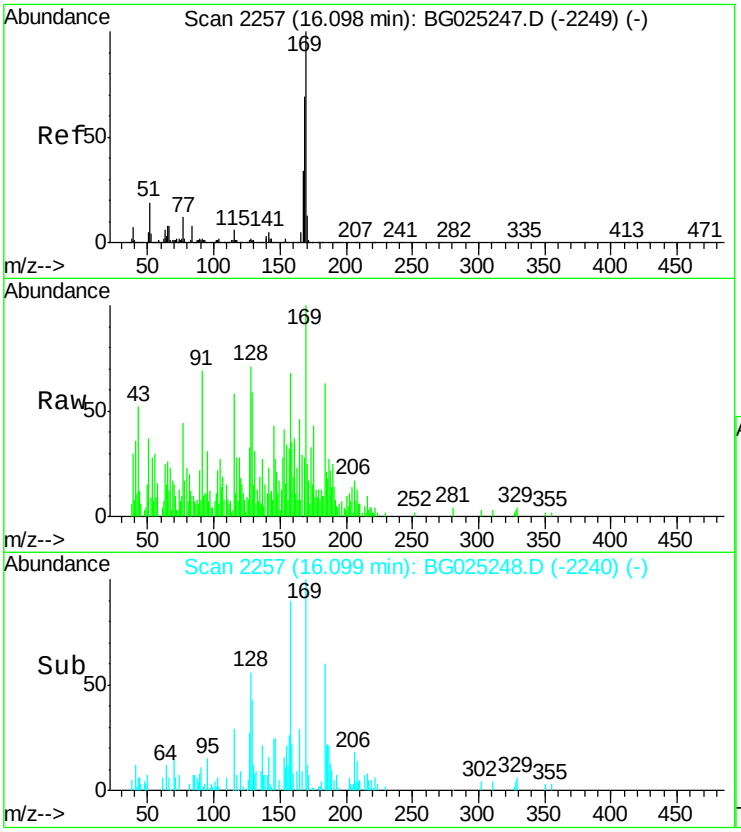


#58
Fluorene
Concen: 1.79 ng/ul
RT: 15.89 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:166 Resp: 23549

Ion	Ratio	Lower	Upper
166	100		
165	93.8	79.7	119.5
167	27.2	11.4	17.2#



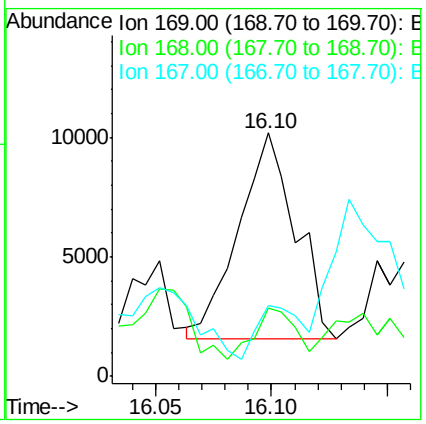


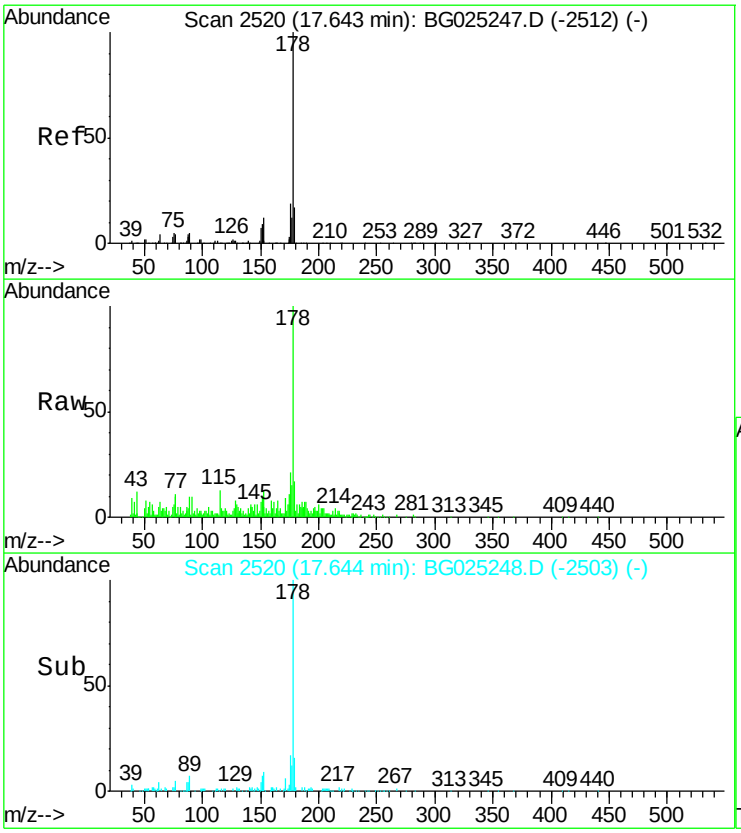
#64
N-Nitrosodiphenylamine
Concen: 1.34 ng/ul
RT: 16.10 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:169 Resp: 14700

Ion	Ratio	Lower	Upper
169	100		
168	28.3	59.1	88.7#
167	29.1	29.7	44.5#

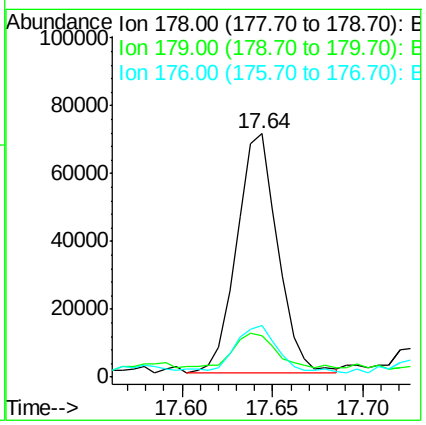


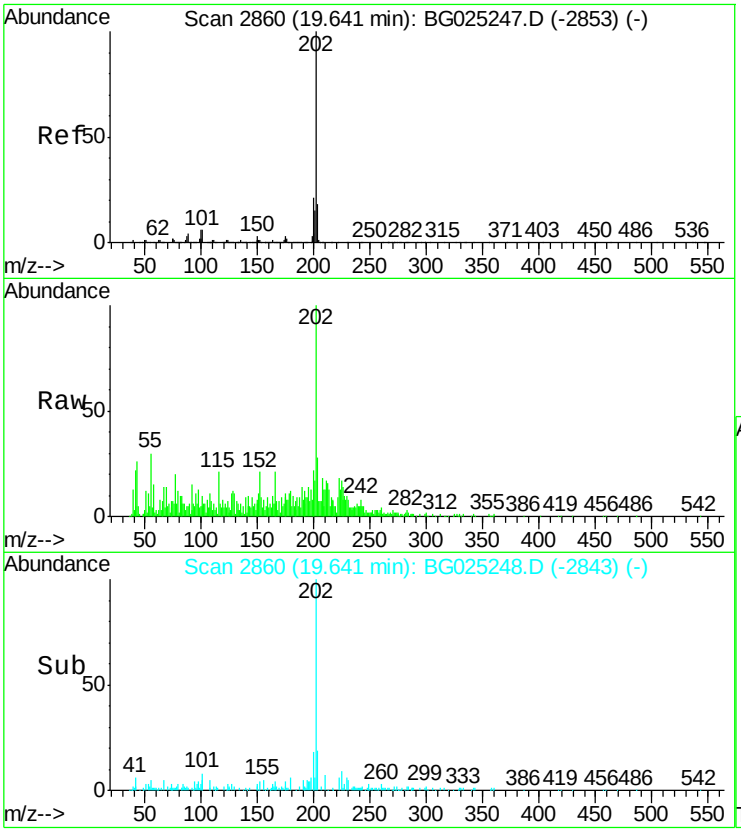


#69
Phenanthrene
Concen: 5.49 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:178 Resp: 111689

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.4	18.6
176	21.4	16.5	24.7



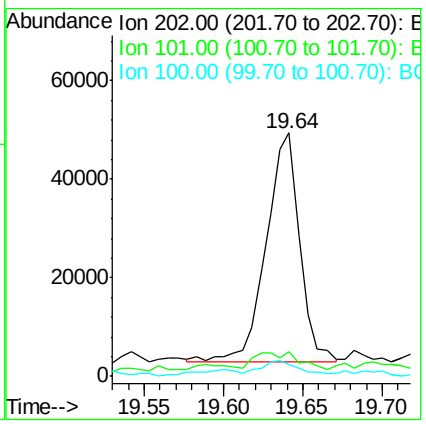


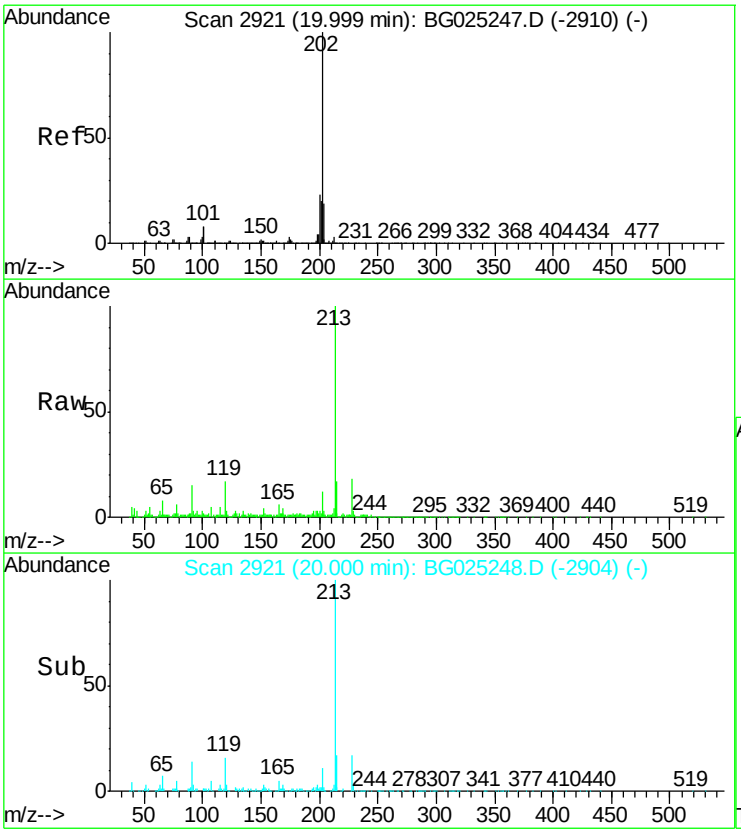
#74
Fluoranthene
Concen: 2.83 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:202 Resp: 68295

Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.2	9.2#
100	4.8	5.2	7.8#

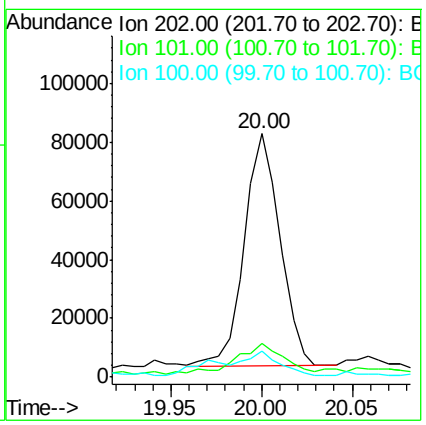


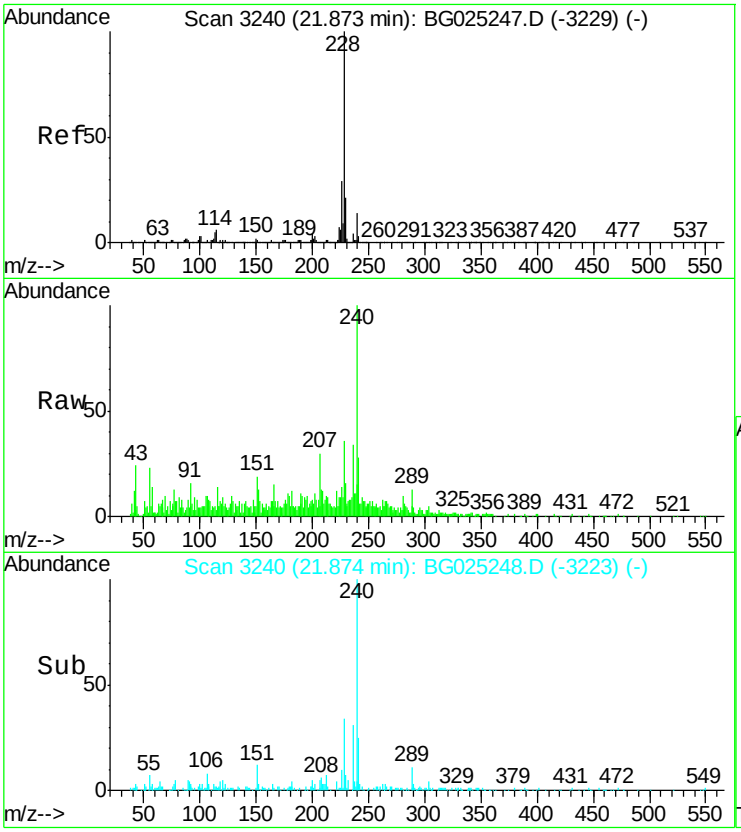


#77
Pyrene
Concen: 3.89 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:202 Resp: 108570

Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.9	10.3#
100	10.9	6.6	10.0#



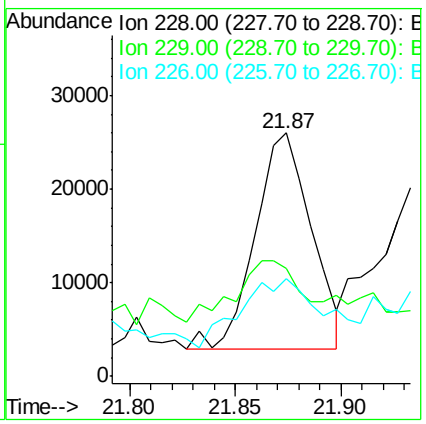


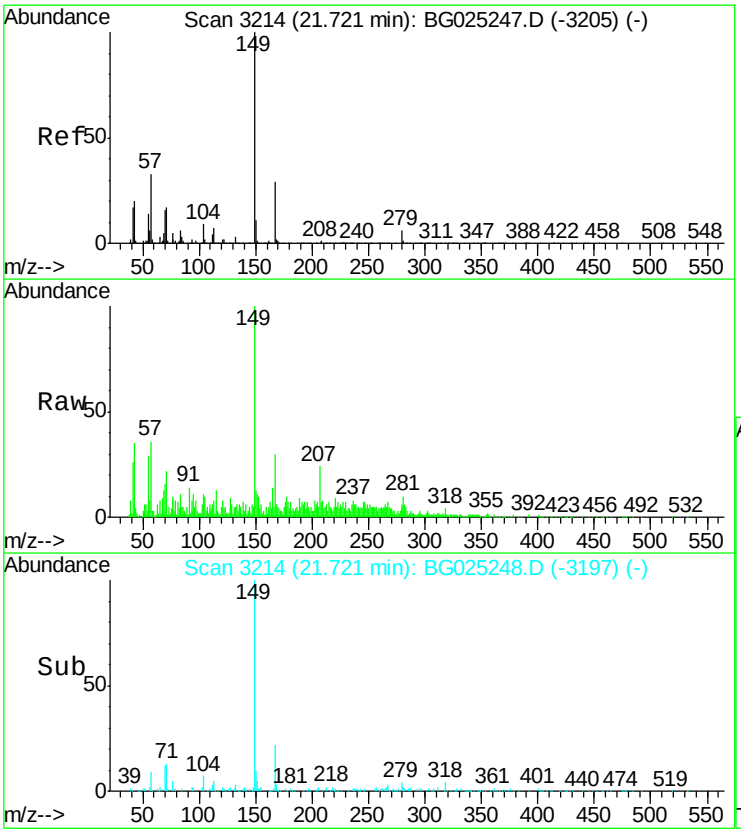
#80
Benzo(a)anthracene
Concen: 1.42 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:228 Resp: 42840

Ion	Ratio	Lower	Upper
228	100		
229	44.2	16.3	24.5#
226	40.3	21.9	32.9#

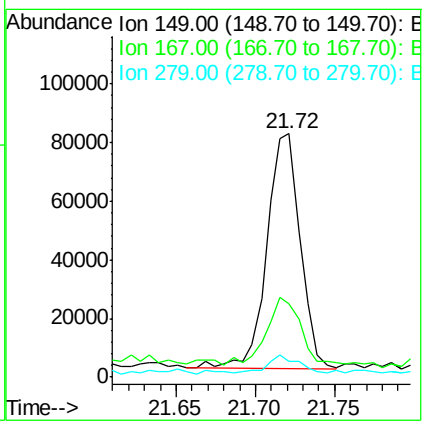


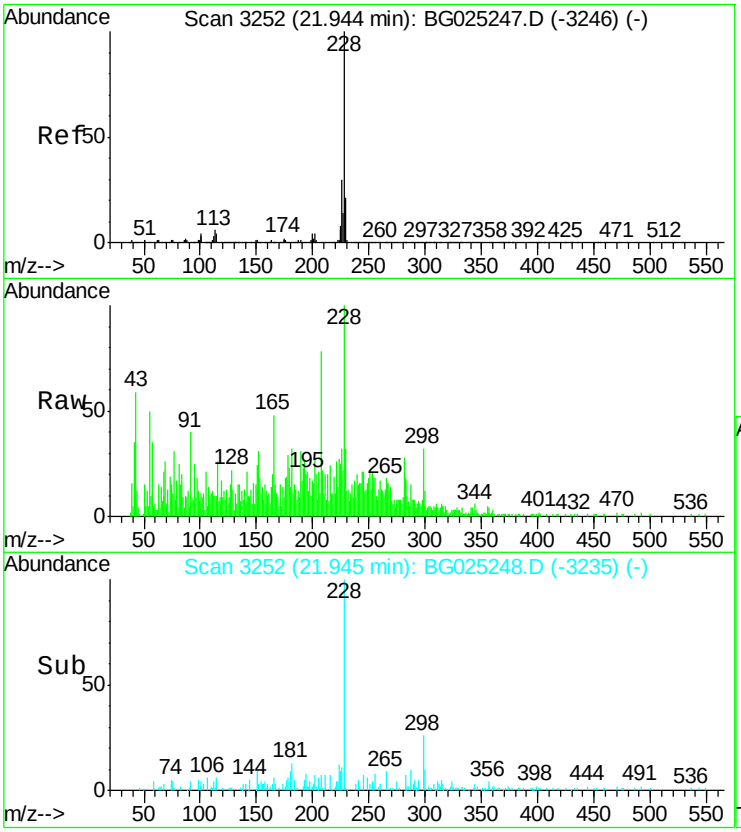


#81
Bis(2-ethylhexyl)phthalate
Concen: 7.77 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:149 Resp: 116913

Ion	Ratio	Lower	Upper
149	100		
167	30.3	21.8	32.8
279	6.4	4.5	6.7



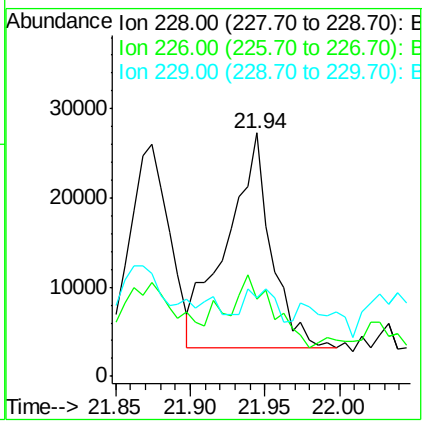


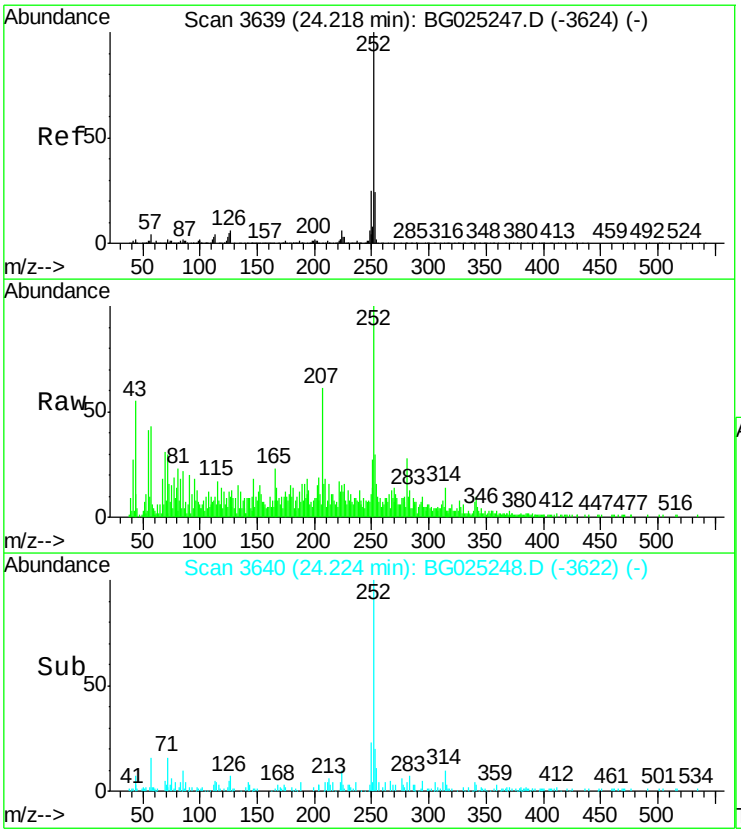
#82
Chrysene
Concen: 1.75 ng/ul
RT: 21.94 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:228 Resp: 49515

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	32.3	16.9	25.3#

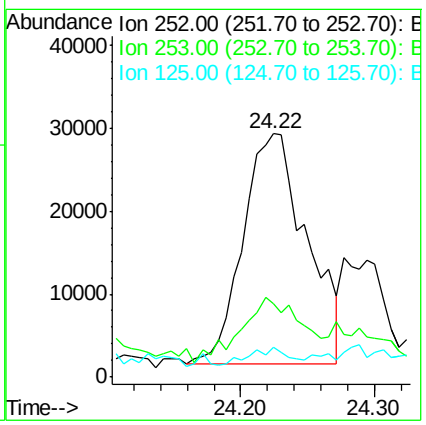


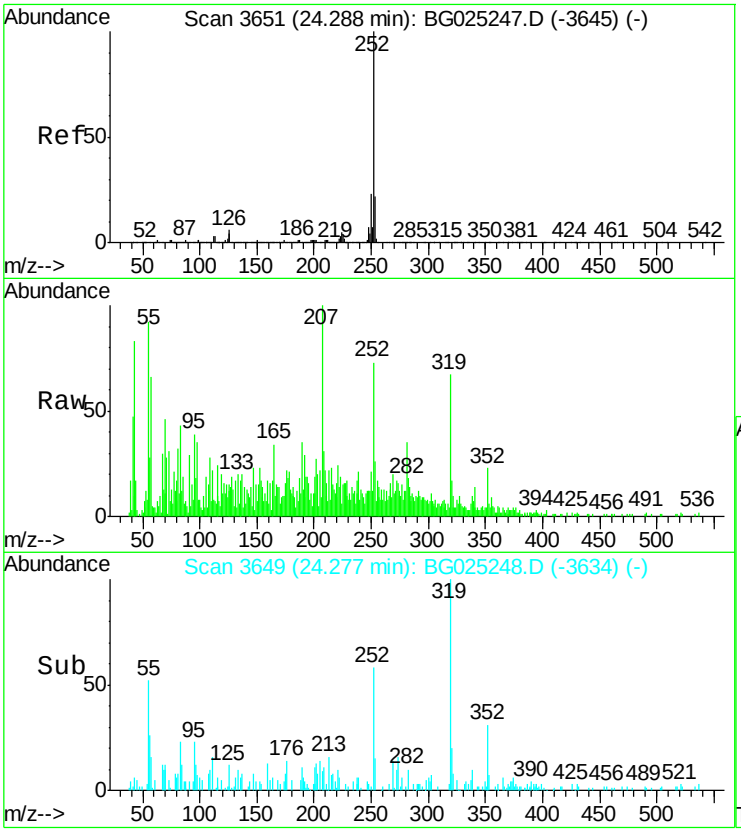


#85
Benzo(b)fluoranthene
Concen: 3.10 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:252 Resp: 91244

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.7	26.5#
125	12.2	4.0	6.0#



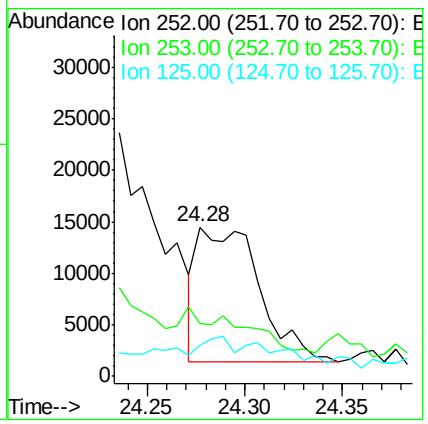


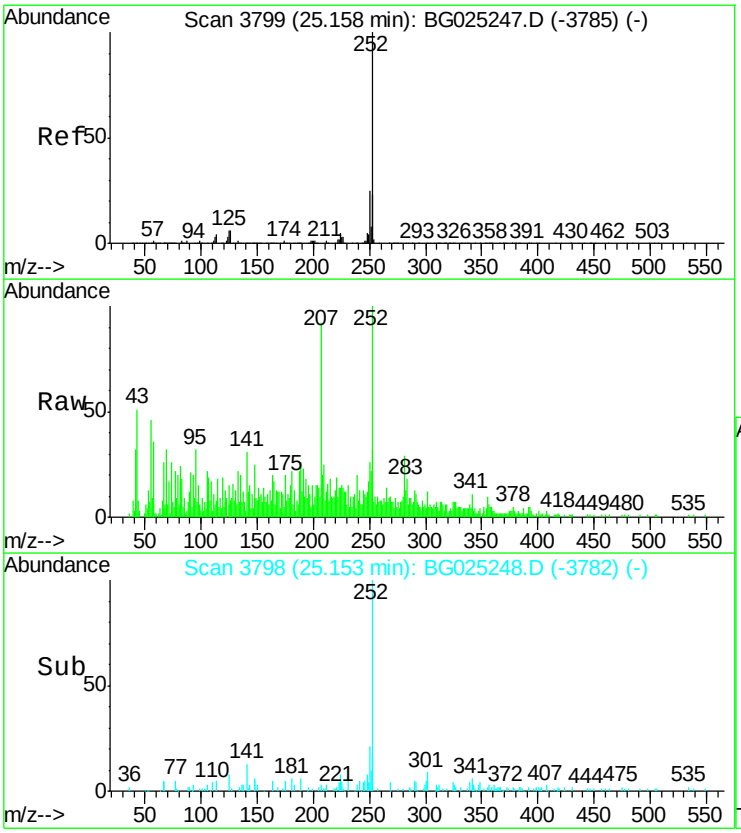
#86
Benzo(k)fluoranthene
Concen: 1.03 ng/ul
RT: 24.28 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:252 Resp: 28767

Ion	Ratio	Lower	Upper
252	100		
253	35.5	18.5	27.7#
125	21.0	4.1	6.1#

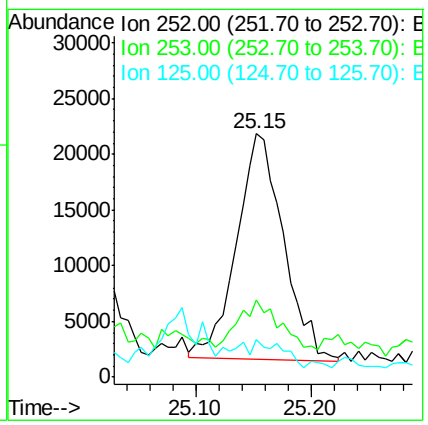


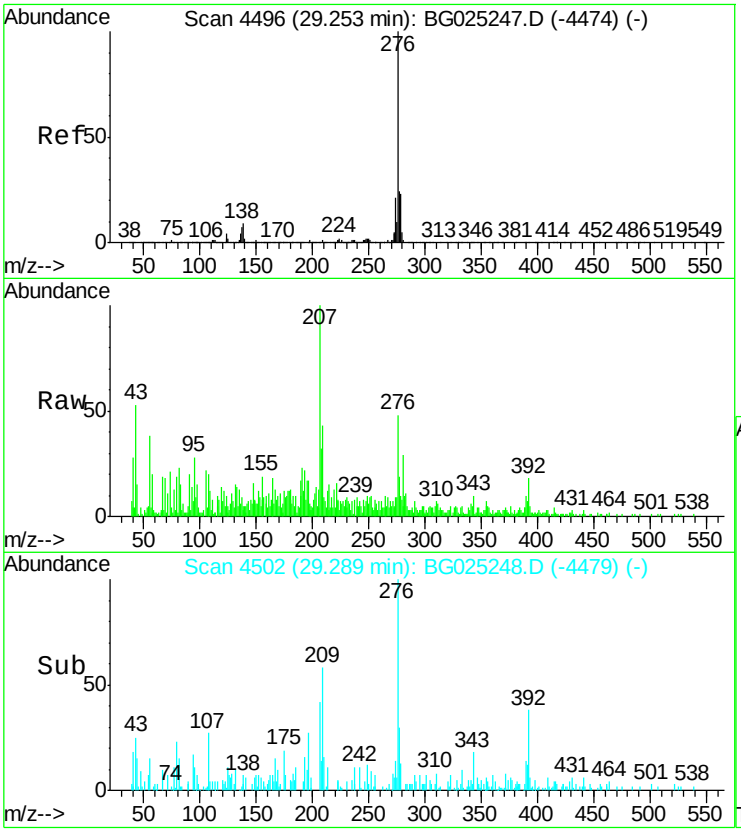


#88
Benzo(a)pyrene
Concen: 2.02 ng/ul
RT: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Tgt Ion:252 Resp: 56990

Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.8	26.6#
125	15.3	5.4	8.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.27 ng/ul
RT: 29.29 min Scan# 4502
Delta R.T. 0.04 min
Lab File: BG025248.D
Acq: 16 Dec 2016 21:16

Instrument :
BNA_G
ClientSampleId :
DA8T7

Tgt Ion:276 Resp: 44566

Ion	Ratio	Lower	Upper
276	100		
138	15.9	8.2	12.4#
277	40.1	18.6	28.0#