Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

Quant Time: Dec 17 00:26:45 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	70396	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	283656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	202903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	409438	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	588654	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	617451	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5680	4.17	ng/uL	0.00
5) Phenol-d5	7.39	99	121784	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	77286	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	86998	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	102347	20.17	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	48061	23.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	52923	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	106292	22.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	101484	21.44	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	332190	23.80	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	370285	24.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	67518	28.15	ng/ul	0.02
57) Fluorene-d10	15.85	176	341541	26.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	85136	33.63	ng/ul	0.01
70) Anthracene-d10	17.70	188	450845	26.09	ng/ul	0.00
76) Pyrene-d10	19.98	212	597424	24.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	627210	25.07	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	8153	1.78	ng/ul#	1
6) Phenol	7.42	94	15420	2.47	ng/ul#	82
17) Hexachloroethane	9.34	117	17707	9.36	ng/ul#	1
20) Nitrobenzene	9.42	77	7828	1.27	ng/ul#	33
25) Bis(2-Chloroethoxy)methane	10.47	93	9464	1.59	ng/ul	95
27) 2,4-Dichlorophenol	10.69	162	20600	4.41	ng/ul#	47
28) Naphthalene	11.11	128	282136	21.40	ng/ul	99
34) 2-Methylnaphthalene	12.70	142	420717	40.43	ng/ul	96
40) 1,1'-Biphenyl	13.69	154	144592	11.75	ng/ul	97
44) Dimethylphthalate	14.29	163	49560	3.61	ng/ul	96
47) Acenaphthylene	14.58	152	20967	1.41	ng/ul#	27
49) Acenaphthene	14.92	153	52596	5.17	ng/ul#	89
53) Dibenzofuran	15.25	168	167258	10.39	ng/ul	97
54) 2,4-Dinitrotoluene	15.24	165	9331	2.10	ng/ul#	1
58) Fluorene	15.90	166	254757	19.43	ng/ul#	99
64) N-Nitrosodiphenylamine	16.10	169	42042	3.99	ng/ul#	69
67) Atrazine	17.02	200	18980	3.79	ng/ul#	1
69) Phenanthrene	17.64	178	290907	14.89	ng/ul	97
71) Anthracene	17.74	178	89642	4.46	ng/ul#	85
72) Carbazole	18.01	167	34545	2.06	ng/ul#	67
74) Fluoranthene	19.64	202	95156	4.10	ng/ul#	93
77) Pyrene	20.01	202	140459	4.96	ng/ul#	91
80) Benzo(a)anthracene	21.87	228	38793	1.27	ng/ul#	35

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

Quant Time: Dec 17 00:26:45 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)
82) Chrysene	21.94	228	41904	1.46	ng/ul#	31
88) Benzo(a)pyrene	25.16	252	29916	1.02	ng/ul#	44

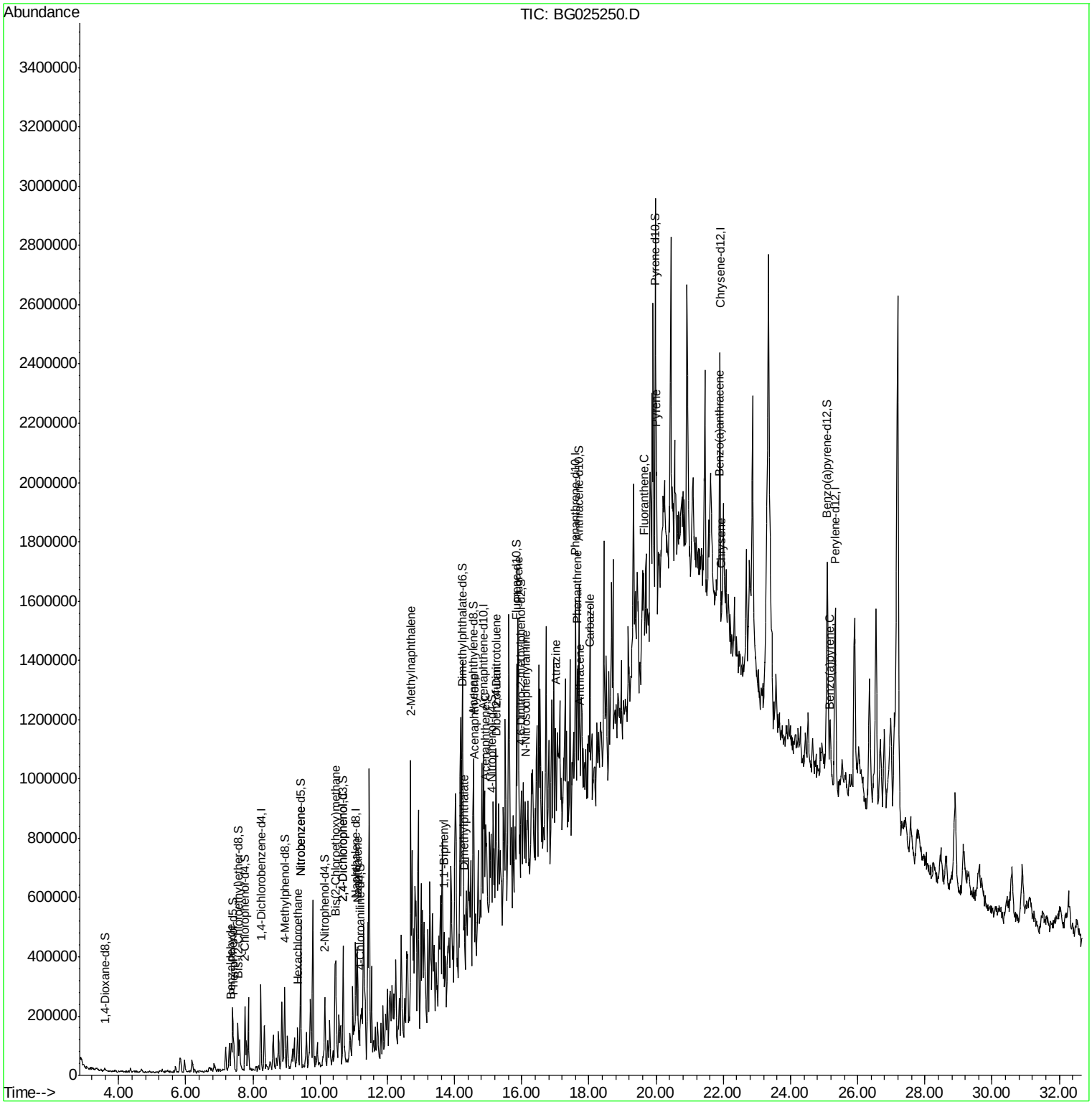
(#) = qualifier out of range (m) = manual integration (+) = signals summed

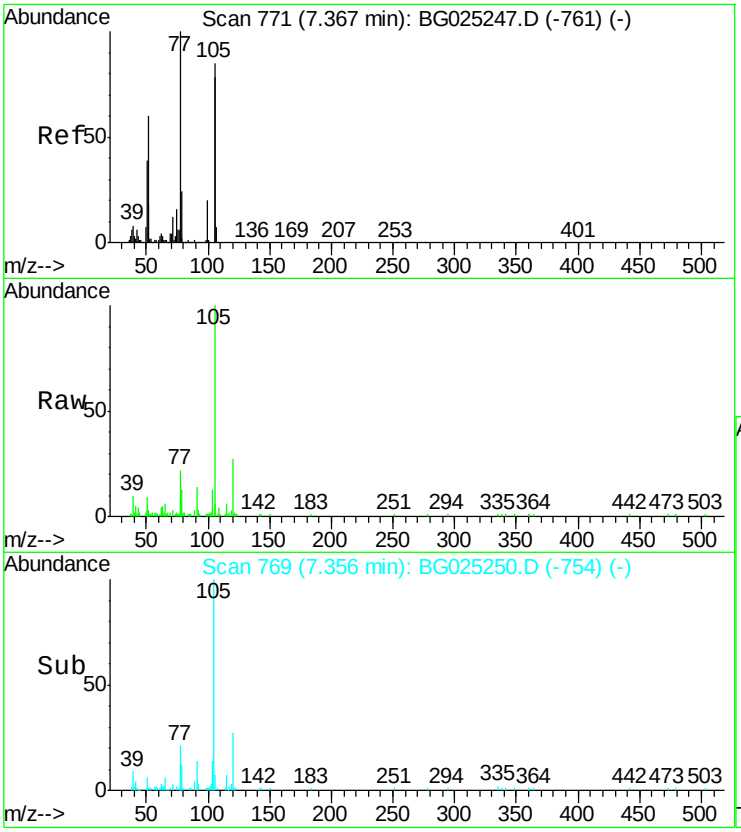
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8W0

Quant Time: Dec 17 00:26:45 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



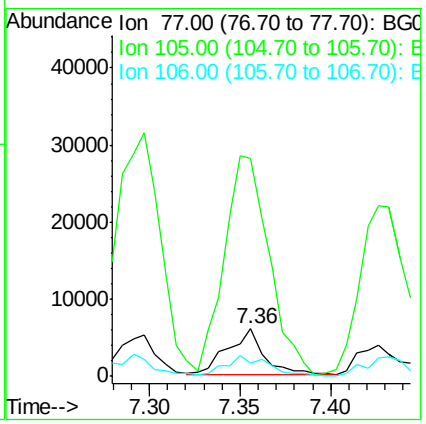


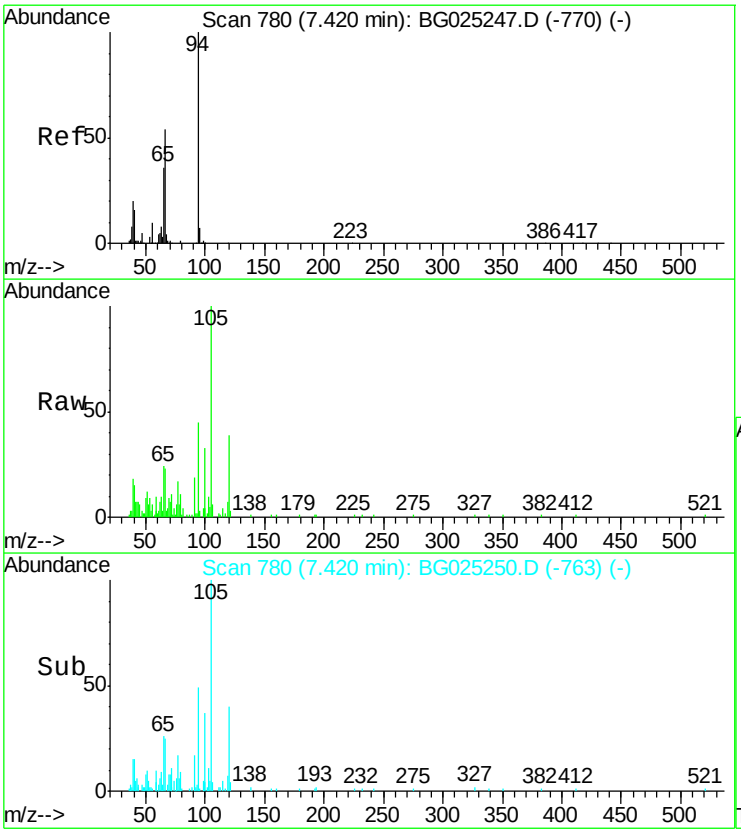
#4
Benzaldehyde
Concen: 1.78 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion: 77 Resp: 8153

Ion	Ratio	Lower	Upper
77	100		
105	458.6	62.0	93.0#
106	28.4	60.2	90.4#

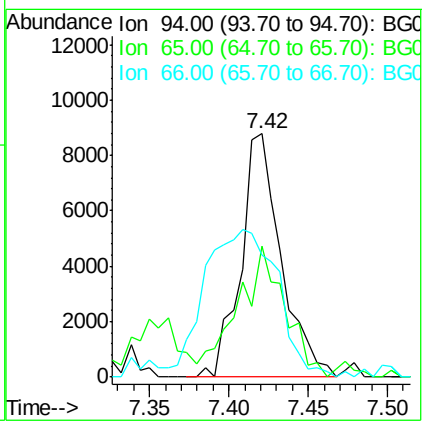


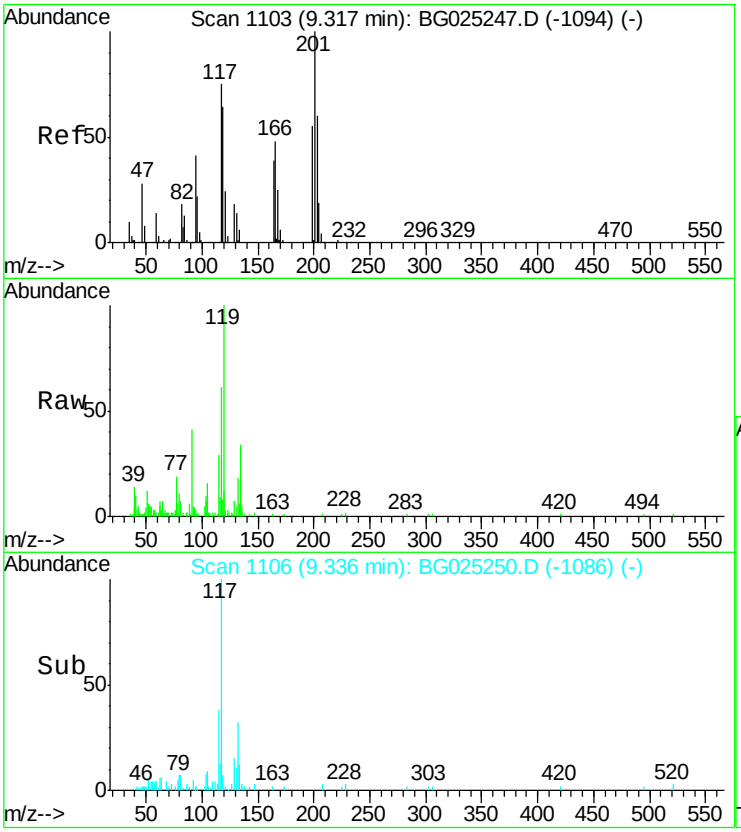


#6
Phenol
Concen: 2.47 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion: 94 Resp: 15420

Ion	Ratio	Lower	Upper
94	100		
65	53.6	26.8	40.2#
66	50.0	44.4	66.6



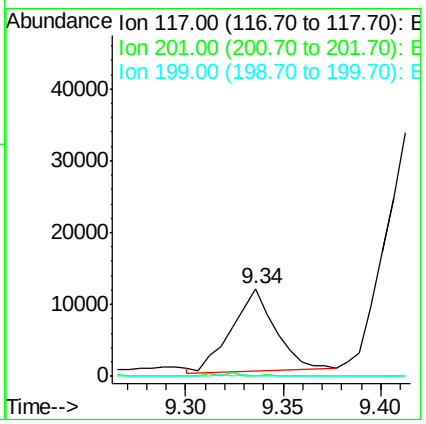


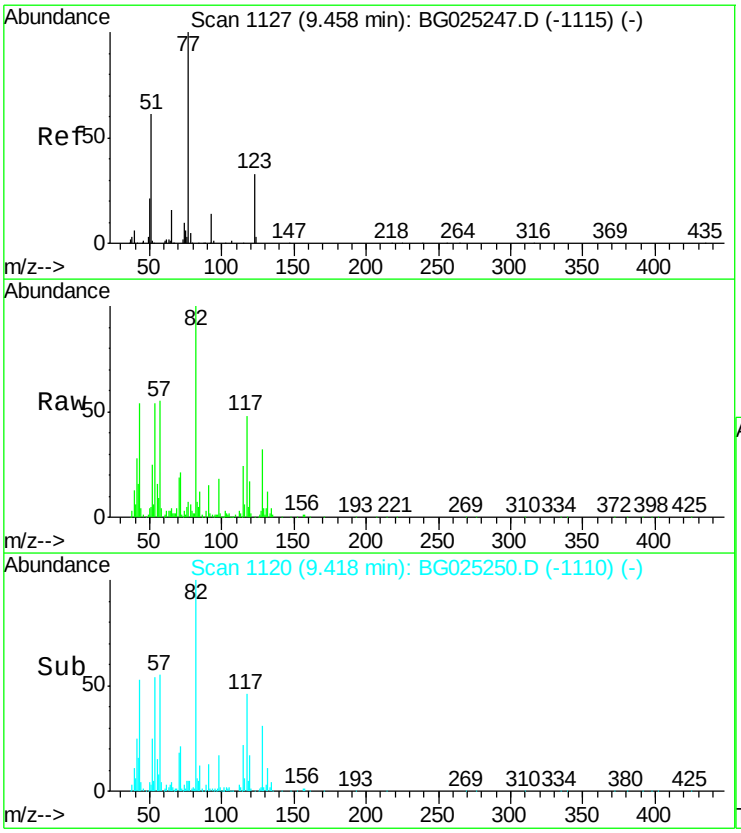
#17
Hexachloroethane
Concen: 9.36 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:117 Resp: 17707

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

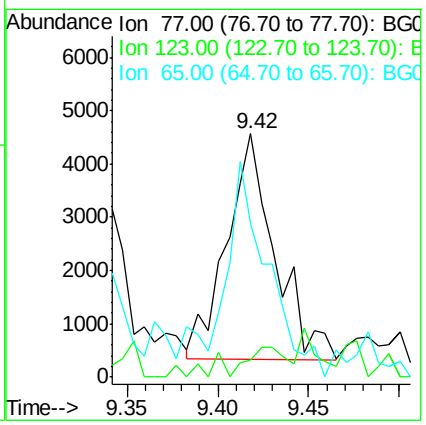


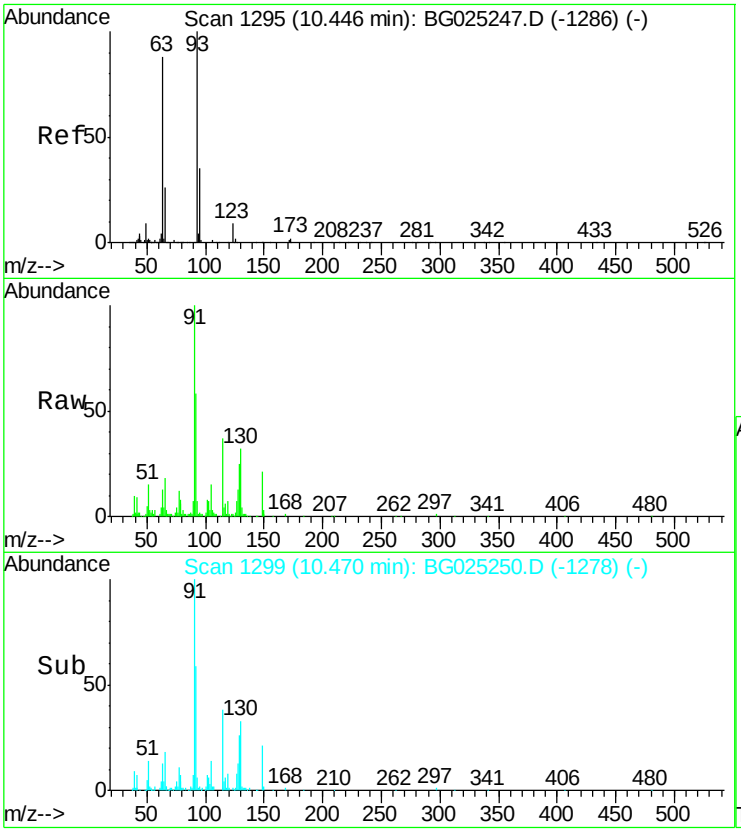


#20
Nitrobenzene
Concen: 1.27 ng/ul
RT: 9.42 min Scan# 1120
Delta R.T. -0.04 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion: 77 Resp: 7828

Ion	Ratio	Lower	Upper
77	100		
123	7.2	27.4	41.0#
65	63.0	13.3	19.9#



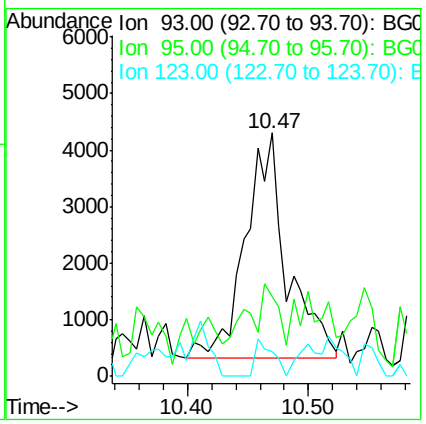


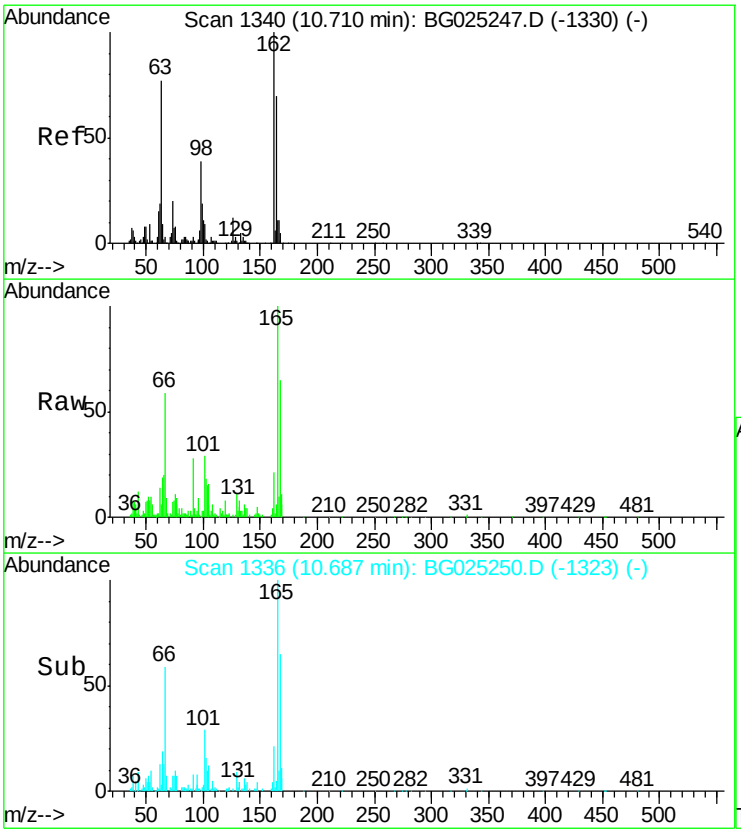
#25
Bis(2-Chloroethoxy)methane
Concen: 1.59 ng/ul
RT: 10.47 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion: 93 Resp: 9464

Ion	Ratio	Lower	Upper
93	100		
95	32.8	23.4	35.0
123	9.9	7.8	11.6

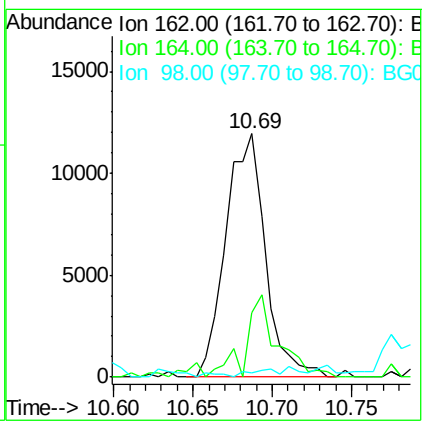


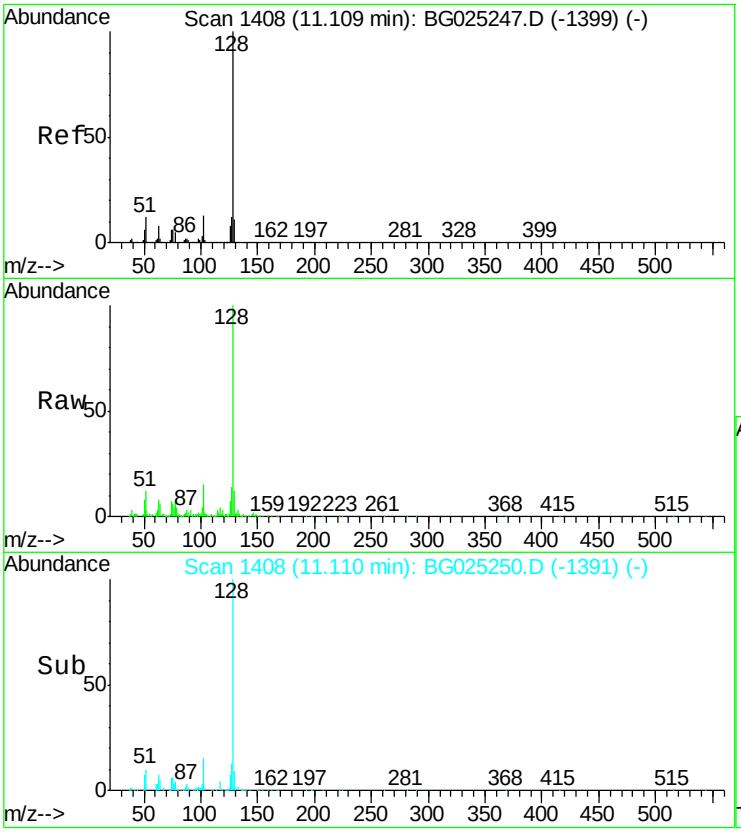


#27
2,4-Dichlorophenol
Concen: 4.41 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:162 Resp: 20600

Ion	Ratio	Lower	Upper
162	100		
164	26.5	50.8	76.2#
98	1.7	32.1	48.1#



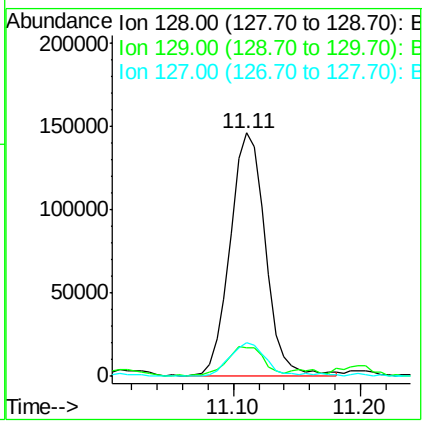


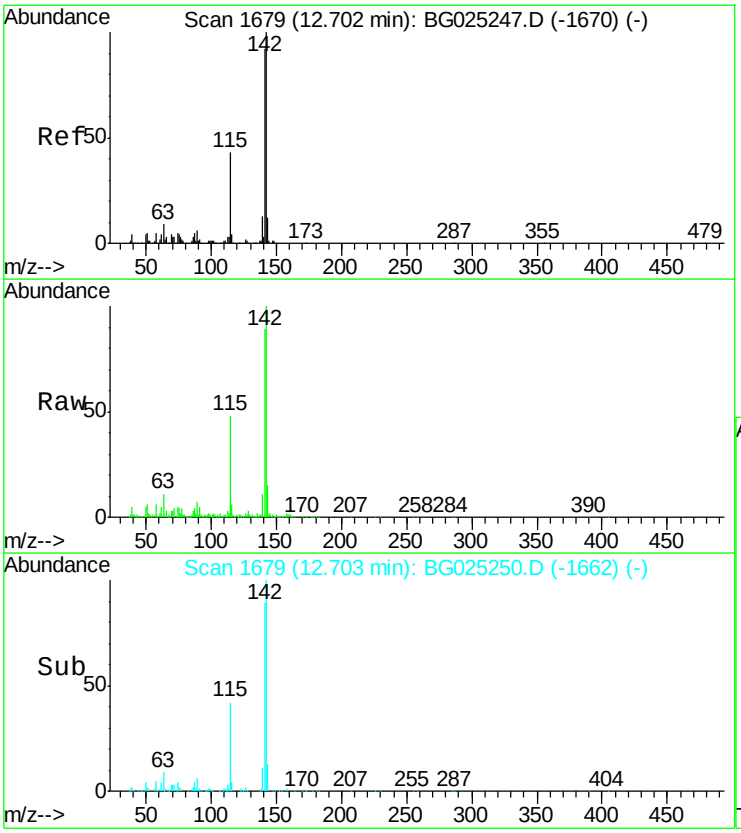
#28
Naphthalene
Concen: 21.40 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:128 Resp: 282136

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.7	10.3	15.5

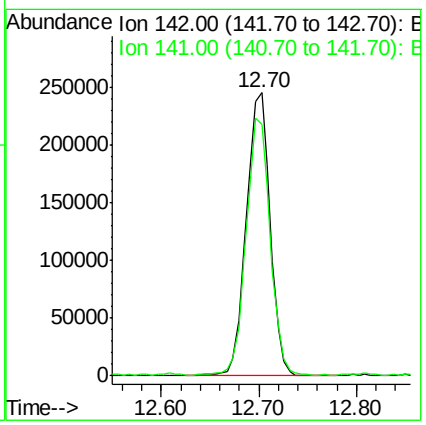


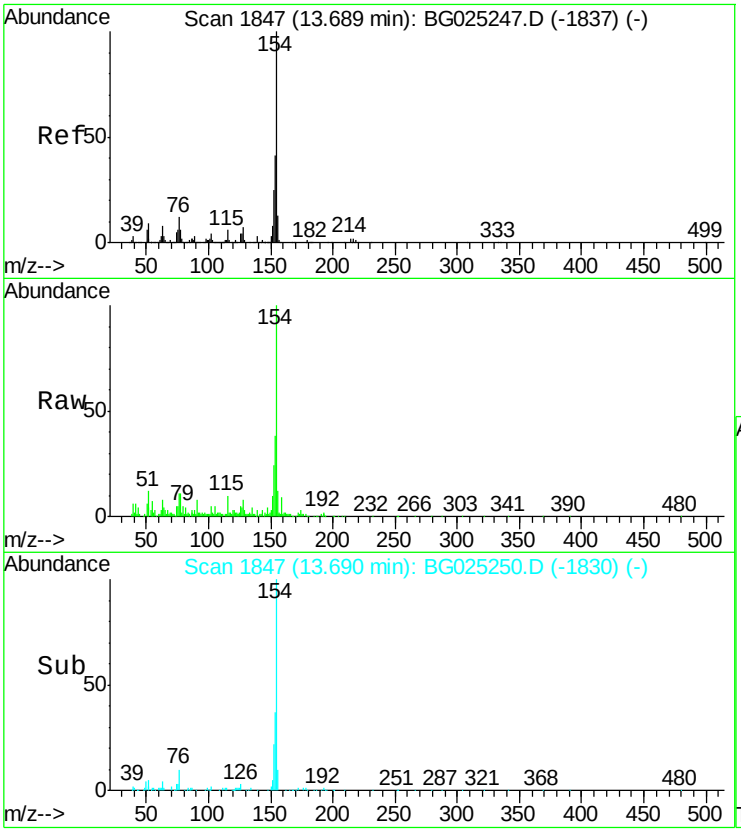


#34
2-Methylnaphthalene
Concen: 40.43 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:142 Resp: 420717

Ion	Ratio	Lower	Upper
142	100		
141	89.0	68.6	102.8



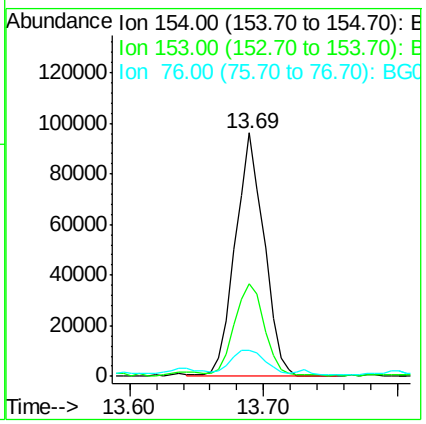


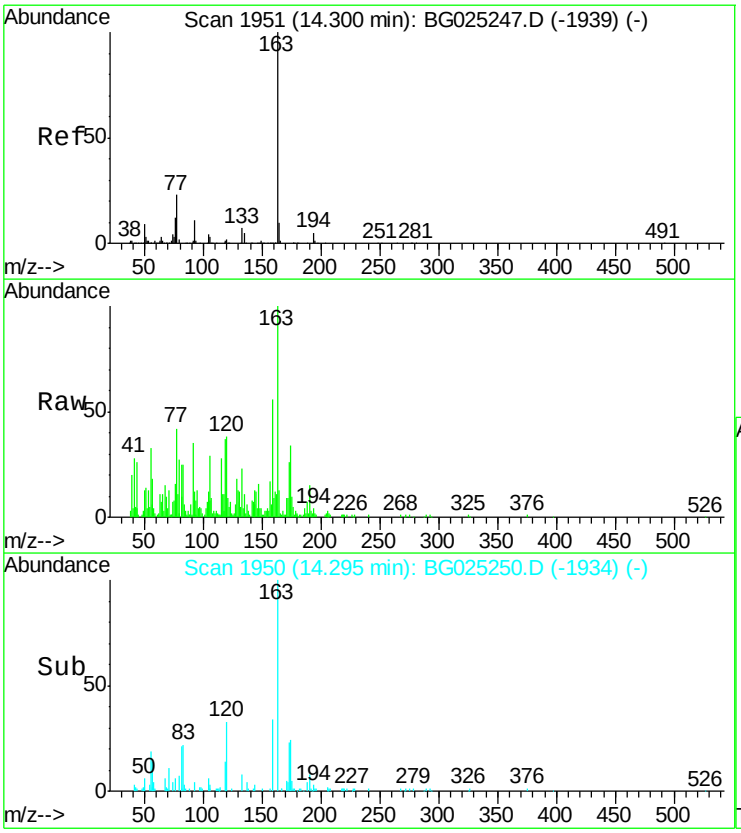
#40
1,1'-Biphenyl
Concen: 11.75 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:154 Resp: 144592

Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.2	48.2
76	10.9	9.6	14.4

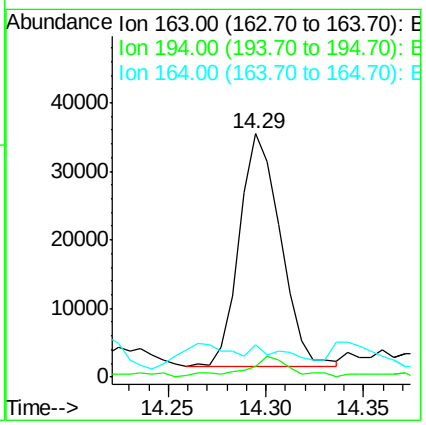


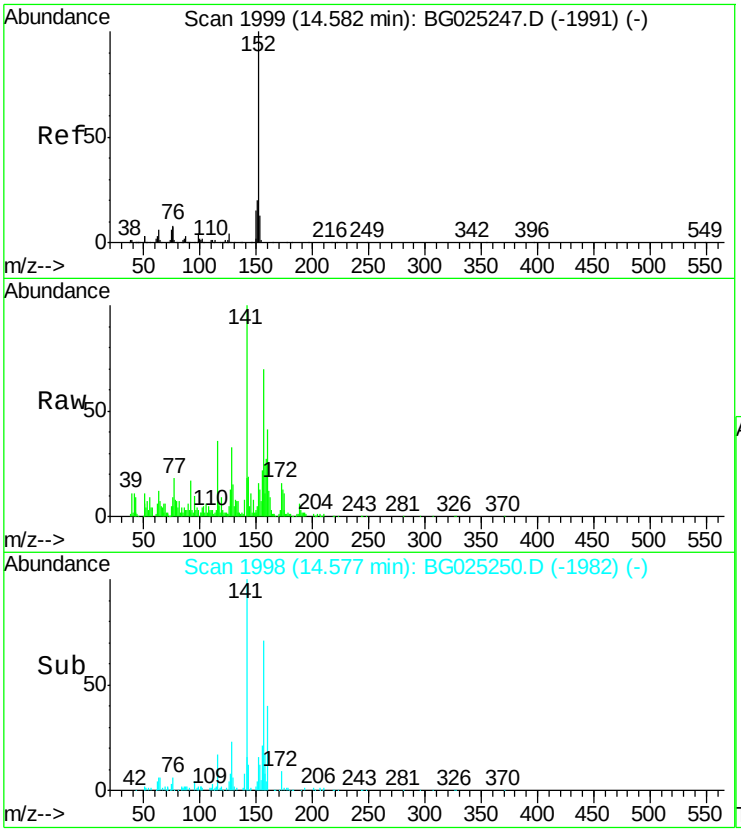


#44
Dimethylphthalate
Concen: 3.61 ng/ul
RT: 14.29 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:163 Resp: 49560

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	13.3	9.0	13.4



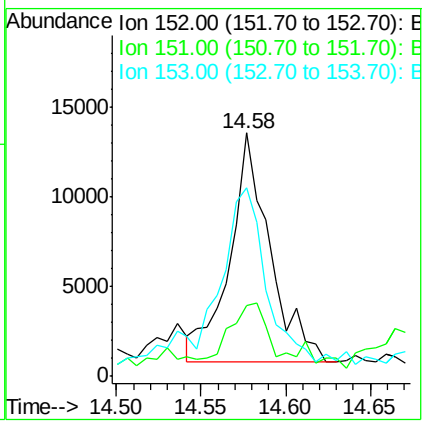


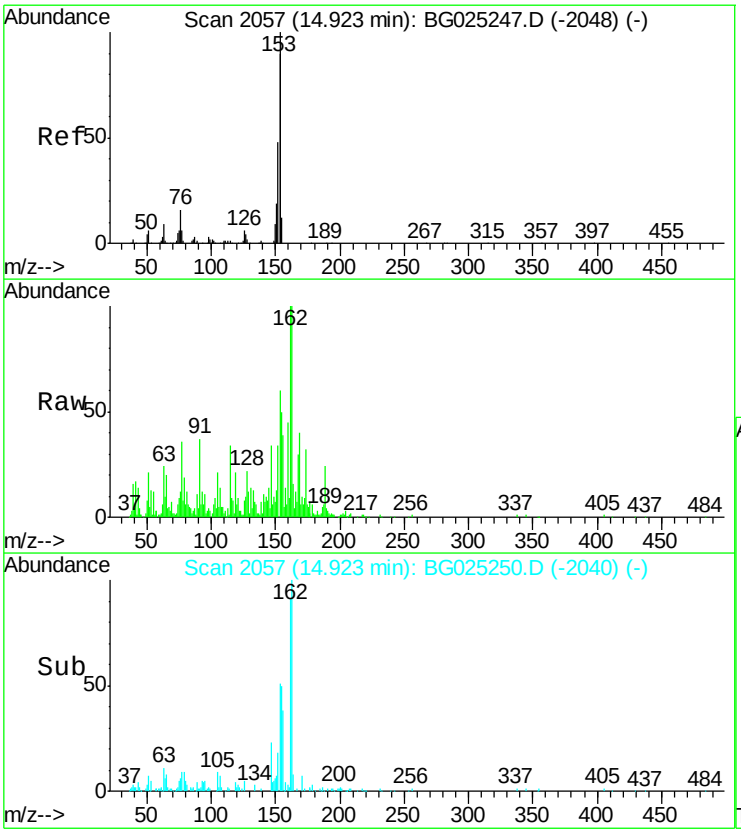
#47
Acenaphthylene
Concen: 1.41 ng/ul
RT: 14.58 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:152 Resp: 20967

Ion	Ratio	Lower	Upper
152	100		
151	29.0	16.7	25.1#
153	77.6	11.4	17.2#

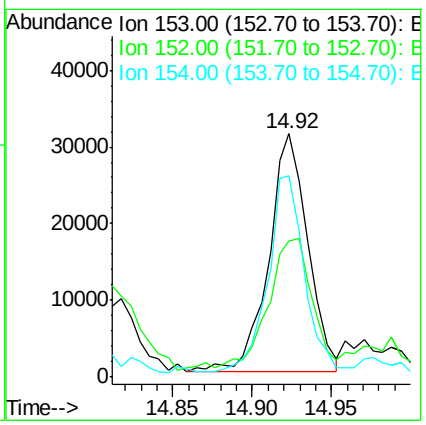


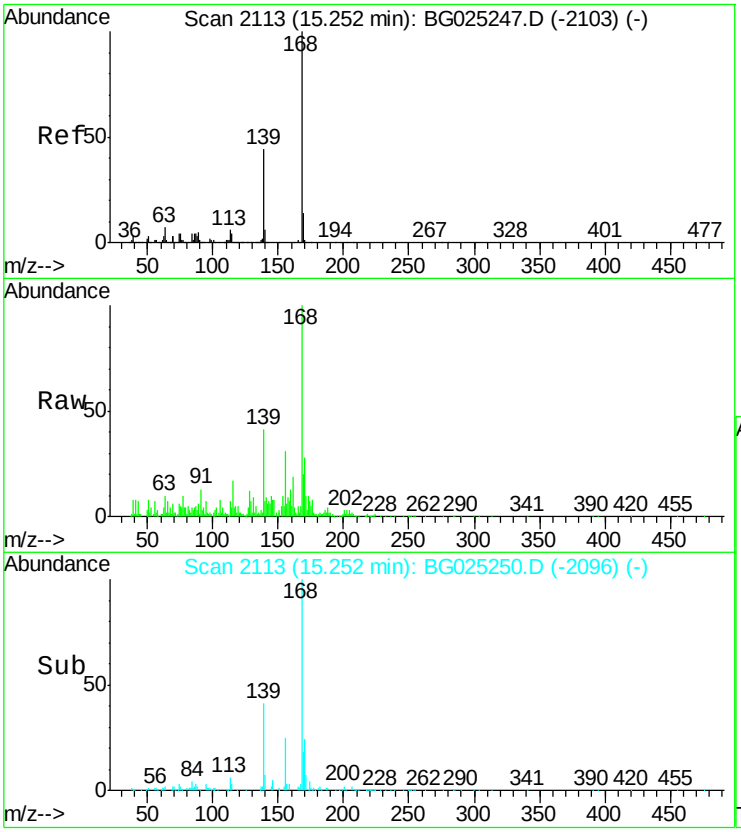


#49
Acenaphthene
Concen: 5.17 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:153 Resp: 52596

Ion	Ratio	Lower	Upper
153	100		
152	56.1	36.5	54.7#
154	82.7	72.3	108.5



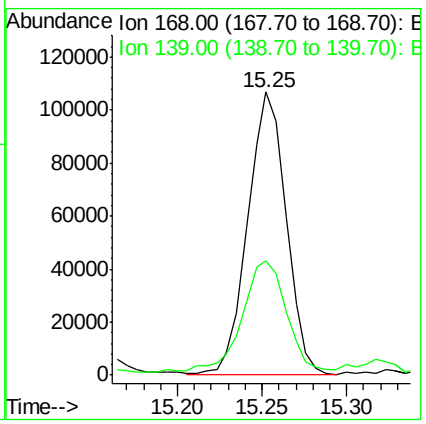


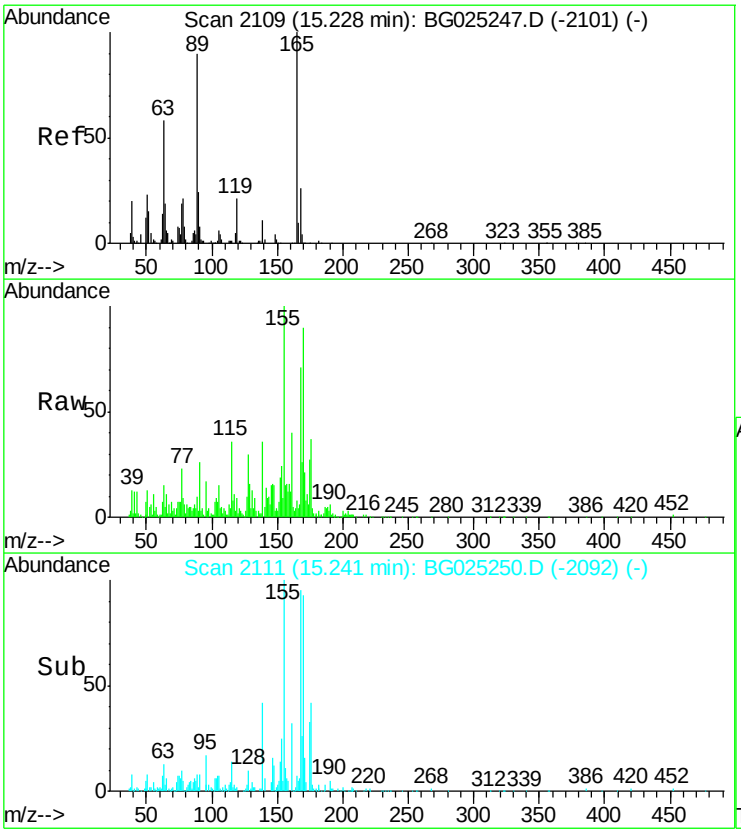
#53
Dibenzofuran
Concen: 10.39 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:168 Resp: 167258

Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.8	50.8

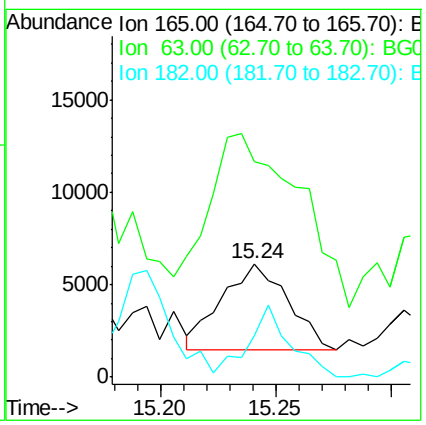


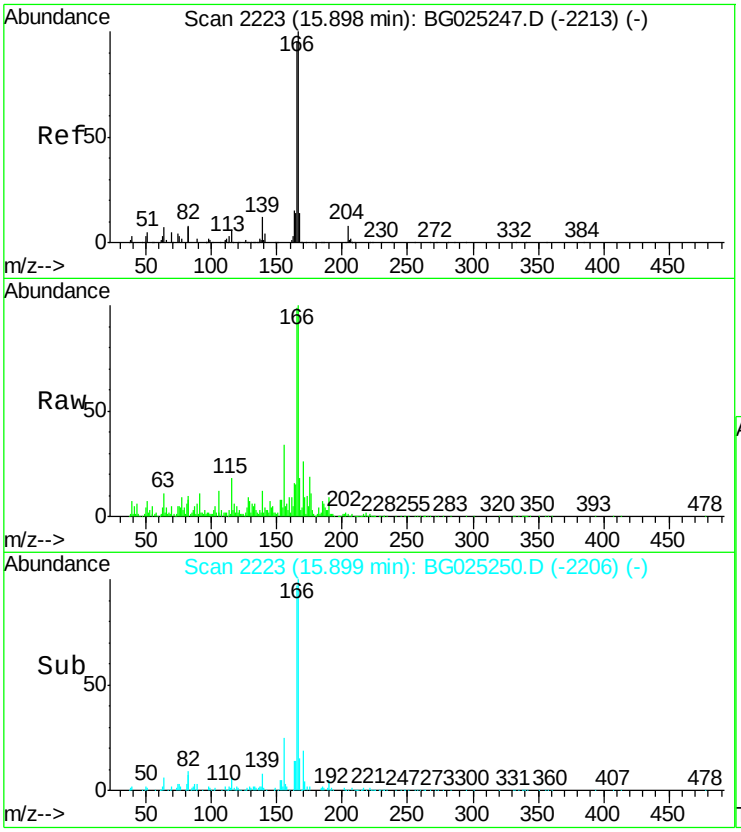


#54
2,4-Dinitrotoluene
Concen: 2.10 ng/ul
RT: 15.24 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:165 Resp: 9331

Ion	Ratio	Lower	Upper
165	100		
63	189.9	46.8	70.2#
182	36.9	1.8	2.6#



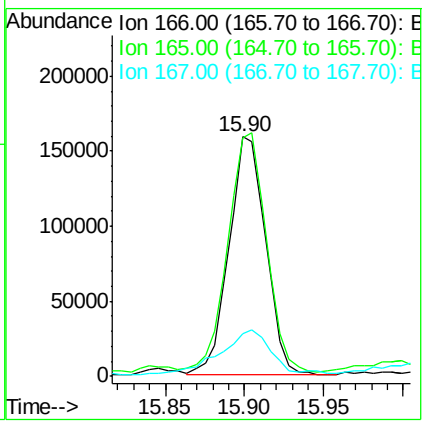


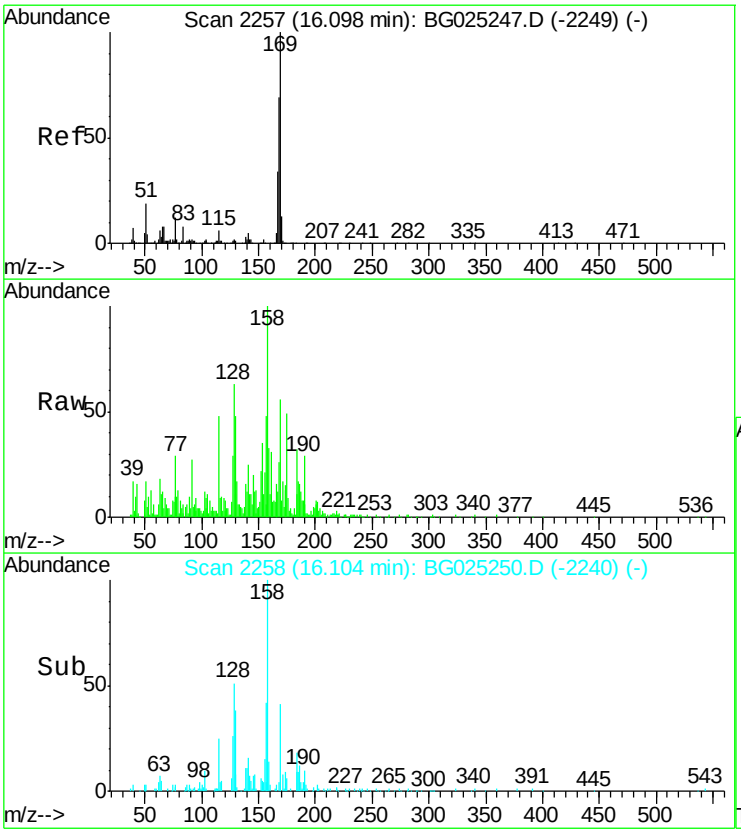
#58
Fluorene
Concen: 19.43 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:166 Resp: 254757

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.7	119.5
167	18.0	11.4	17.2#

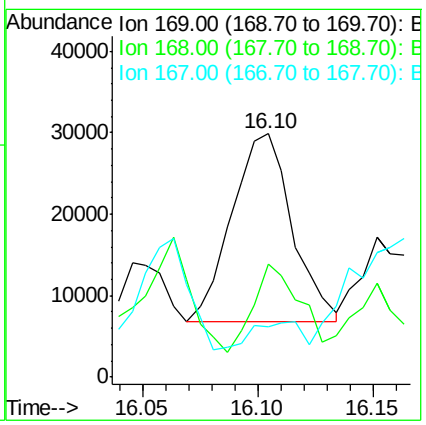


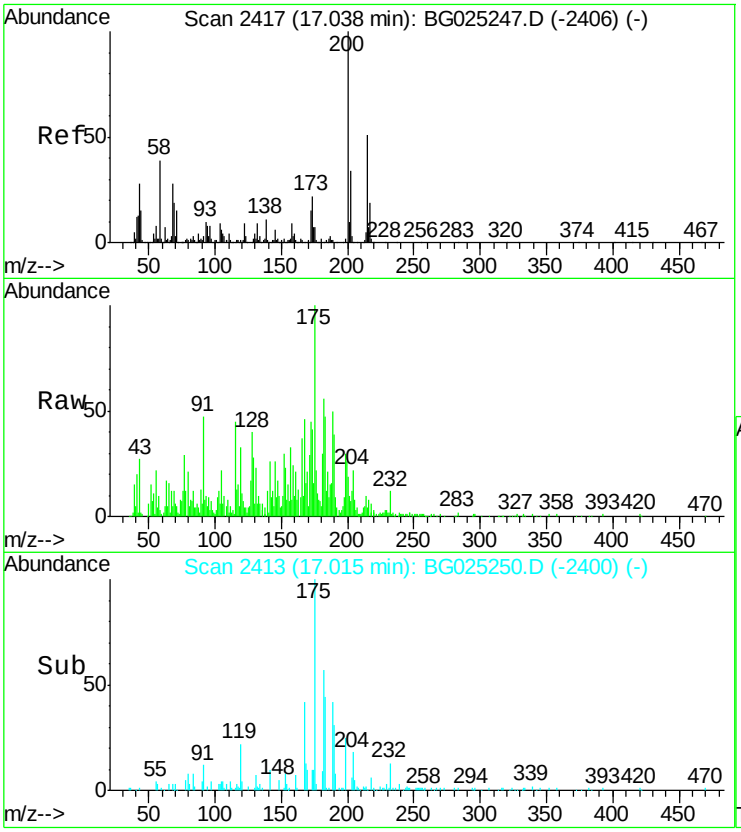


#64
N-Nitrosodiphenylamine
Concen: 3.99 ng/ul
RT: 16.10 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:169 Resp: 42042

Ion	Ratio	Lower	Upper
169	100		
168	46.5	59.1	88.7#
167	20.8	29.7	44.5#



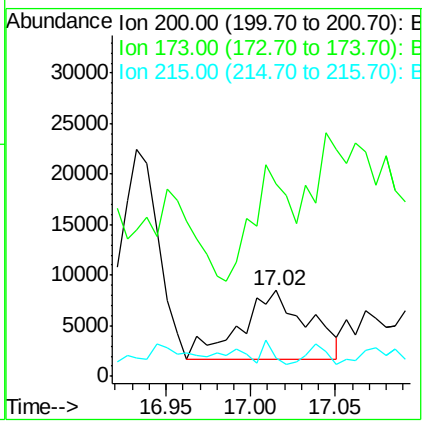


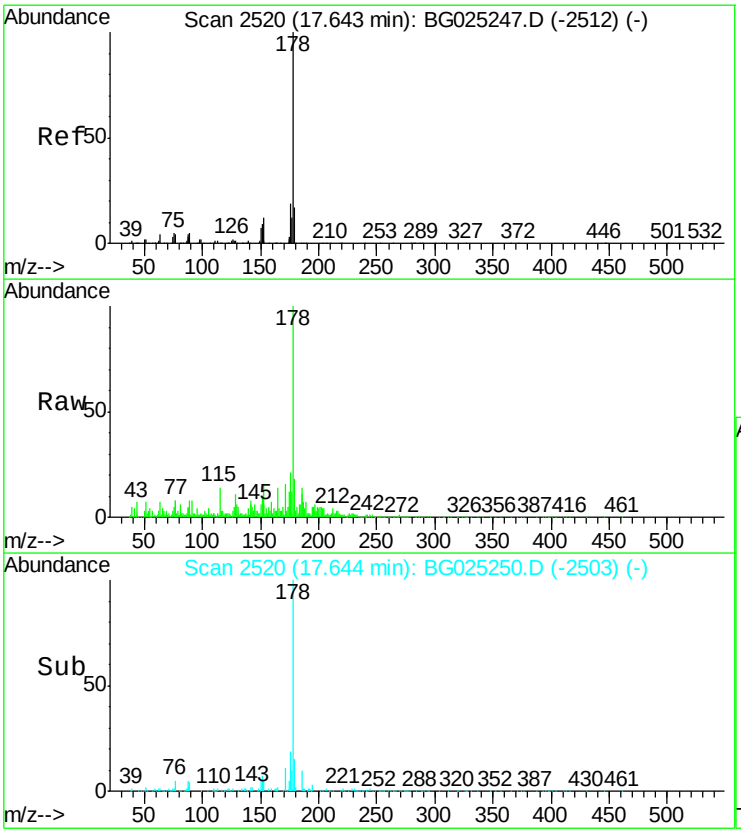
#67
Atrazine
Concen: 3.79 ng/ul
RT: 17.02 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:200 Resp: 18980

Ion	Ratio	Lower	Upper
200	100		
173	223.9	19.2	28.8#
215	21.1	40.3	60.5#

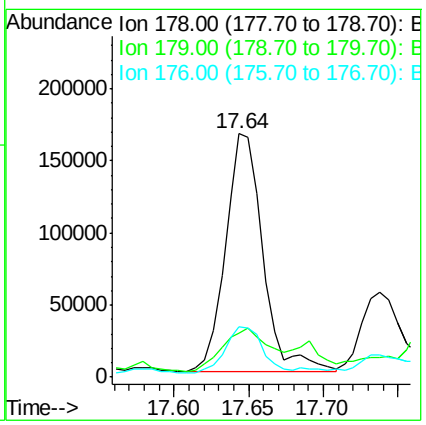


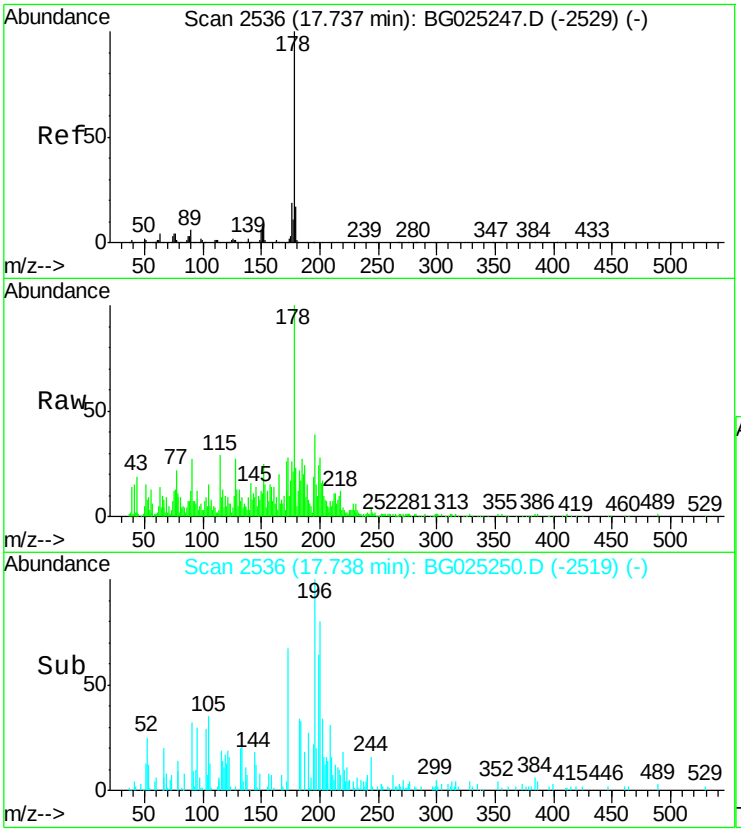


#69
Phenanthrene
Concen: 14.89 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:178 Resp: 290907

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.4	18.6
176	20.8	16.5	24.7



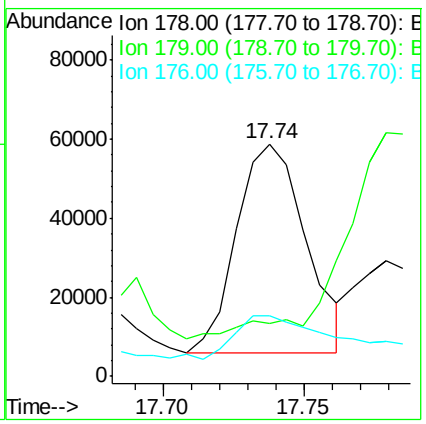


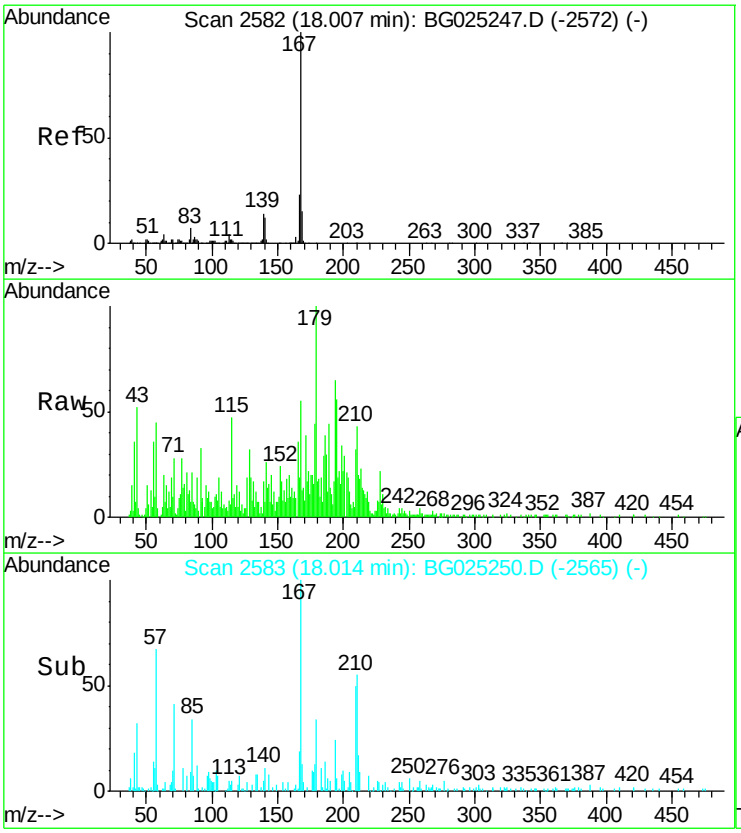
#71
Anthracene
Concen: 4.46 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:178 Resp: 89642

Ion	Ratio	Lower	Upper
178	100		
179	22.6	12.6	19.0#
176	26.1	15.9	23.9#

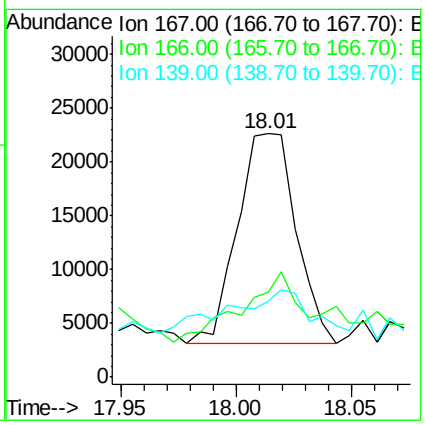


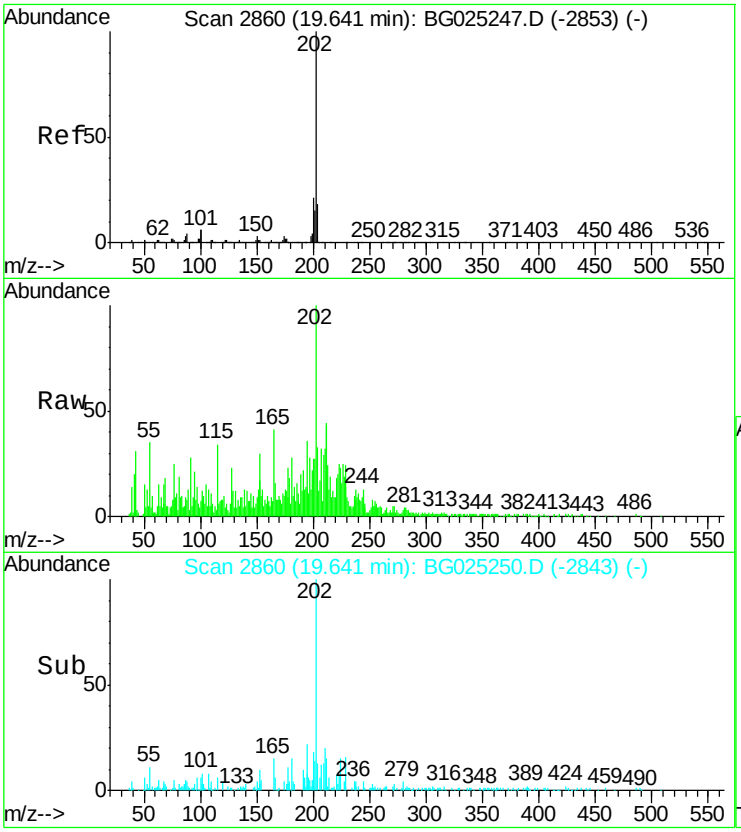


#72
Carbazole
Concen: 2.06 ng/ul
RT: 18.01 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:167 Resp: 34545

Ion	Ratio	Lower	Upper
167	100		
166	34.7	17.9	26.9#
139	31.1	10.5	15.7#



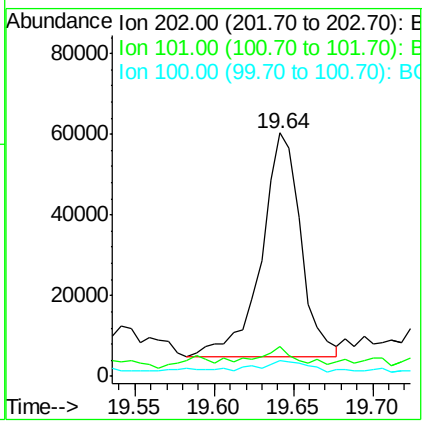


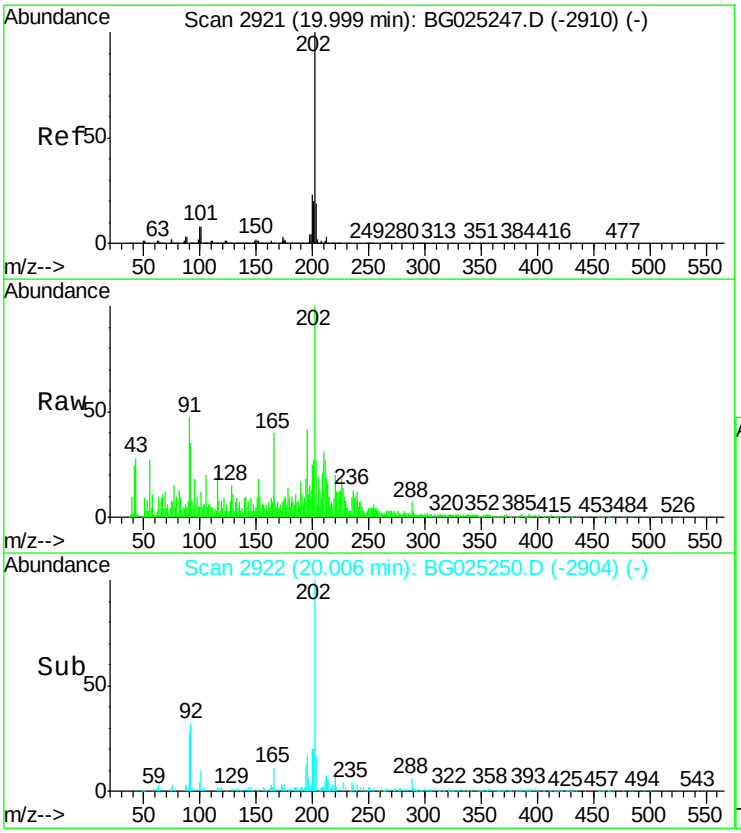
#74
Fluoranthene
Concen: 4.10 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:202 Resp: 95156

Ion	Ratio	Lower	Upper
202	100		
101	12.3	6.2	9.2#
100	6.6	5.2	7.8

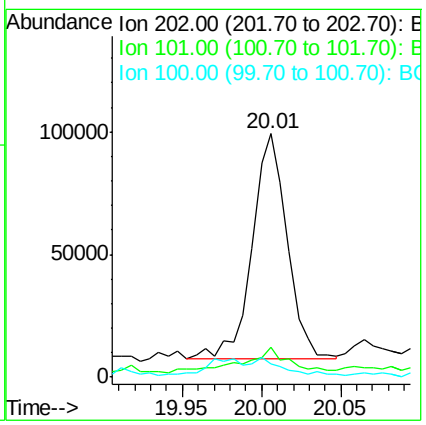


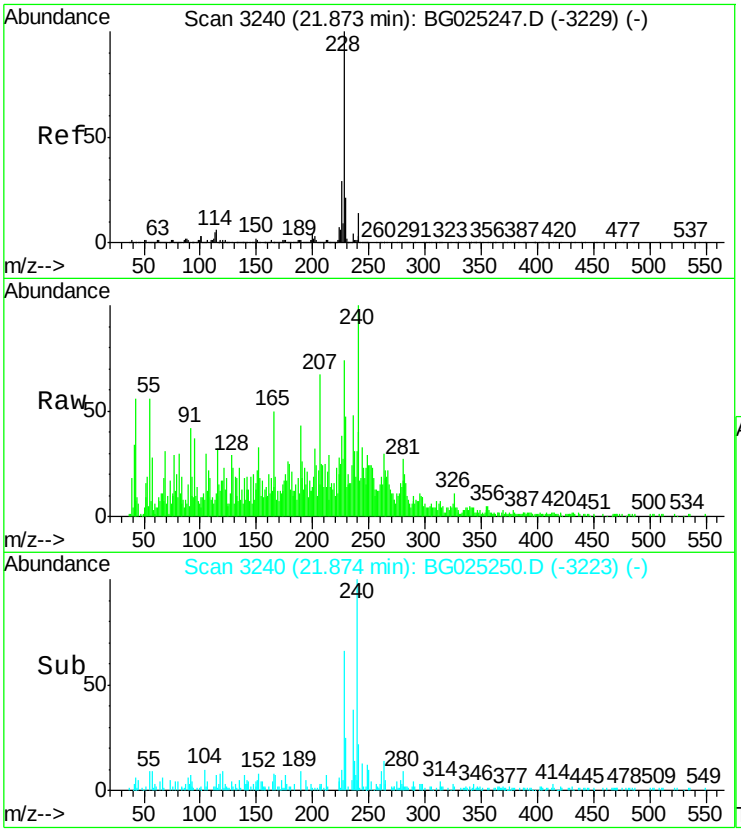


#77
Pyrene
Concen: 4.96 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:202 Resp: 140459

Ion	Ratio	Lower	Upper
202	100		
101	12.5	6.9	10.3#
100	5.5	6.6	10.0#



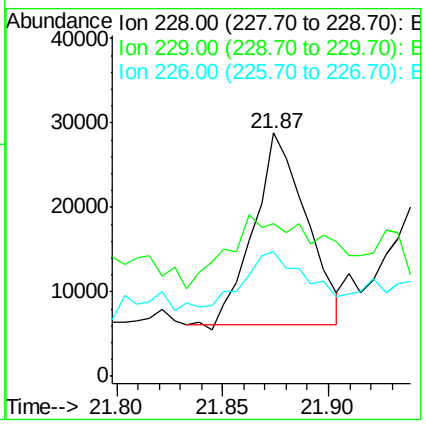


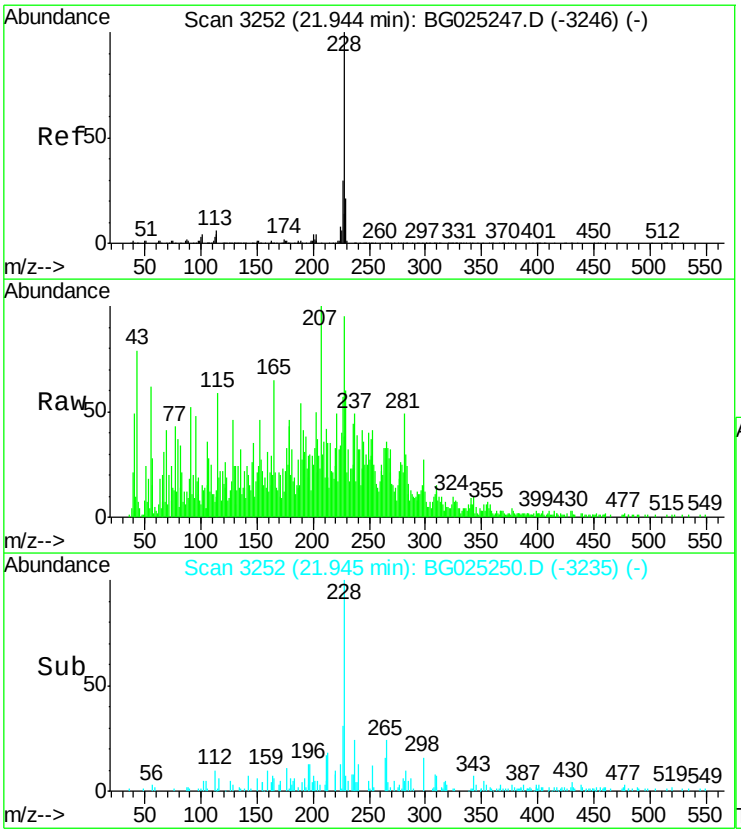
#80
Benzo(a)anthracene
Concen: 1.27 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:228 Resp: 38793

Ion	Ratio	Lower	Upper
228	100		
229	62.9	16.3	24.5#
226	51.3	21.9	32.9#

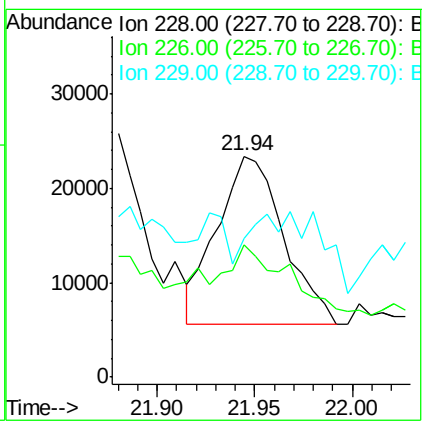


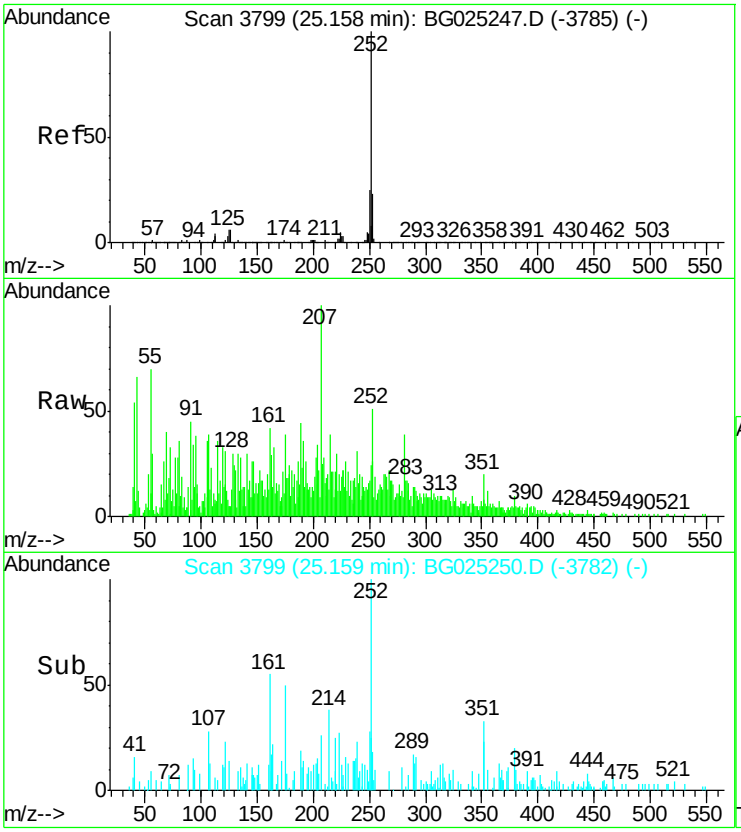


#82
Chrysene
Concen: 1.46 ng/ul
RT: 21.94 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Tgt Ion:228 Resp: 41904

Ion	Ratio	Lower	Upper
228	100		
226	59.8	24.0	36.0#
229	63.0	16.9	25.3#





#88
Benzo(a)pyrene
Concen: 1.02 ng/ul
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG025250.D
Acq: 16 Dec 2016 22:35

Instrument :
BNA_G
ClientSampleId :
DA8W0

Tgt Ion:252 Resp: 29916

Ion	Ratio	Lower	Upper
252	100		
253	51.6	17.8	26.6#
125	19.7	5.4	8.0#