Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
Data File : BG017812.D
Acq On : 10 Jul 2015 15:27
Operator : TP/UM
Sample : G2928-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1Y17

Quant Time: Jul 10 23:33:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 23:32:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	63084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	292745	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	181940	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	398734	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	433888	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	405561	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	2564	1.64	ng/uL	0.00
5) Phenol-d5	6.77	99	63088	10.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	123007	34.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	141160	28.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	109530	21.72	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	79887	32.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	79889	32.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	136486	31.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	12397	2.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	504783	36.47	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	606746	36.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	28351	9.61	ng/ul	-0.01
57) Fluorene-d10	15.25	176	459188	37.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	72660	30.17	ng/ul	0.00
70) Anthracene-d10	17.10	188	699529	37.51	ng/ul	0.00
78) Pyrene-d10	19.41	212	791699	37.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	734507	36.30	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.16	128	149874	31.03	ng/ul	97
14) Acetophenone	8.41	105	7685	1.04	ng/ul	89
17) Hexachloroethane	8.67	117	78587	39.37	ng/ul	92
20) Nitrobenzene	8.79	77	218364	37.18	ng/ul	98
28) Naphthalene	10.43	128	286219	18.65	ng/ul	99
30) 4-Chloroaniline	10.54	127	10153	1.71	ng/ul#	86
31) Hexachlorobutadiene	10.72	225	98272	42.62	ng/ul	96
44) Dimethylphthalate	13.72	163	281953	19.84	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	64520	21.80	ng/ul	94
47) Acenaphthylene	13.97	152	365062	20.08	ng/ul	98
53) Dibenzofuran	14.65	168	403034	24.39	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	156939	39.36	ng/ul	92
66) Hexachlorobenzene	16.31	284	81508	19.05	ng/ul#	85
69) Phenanthrene	17.05	178	442571	19.84	ng/ul	97
71) Anthracene	17.05	178	442571	19.32	ng/ul	99
82) Benzo(a)anthracene	21.24	228	947553	38.65	ng/ul	95
84) Chrysene	21.24	228	947553	41.22	ng/ul	95
87) Benzo(b)fluoranthene	22.80	252	441886	18.84	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	462232	20.70	ng/ul	99

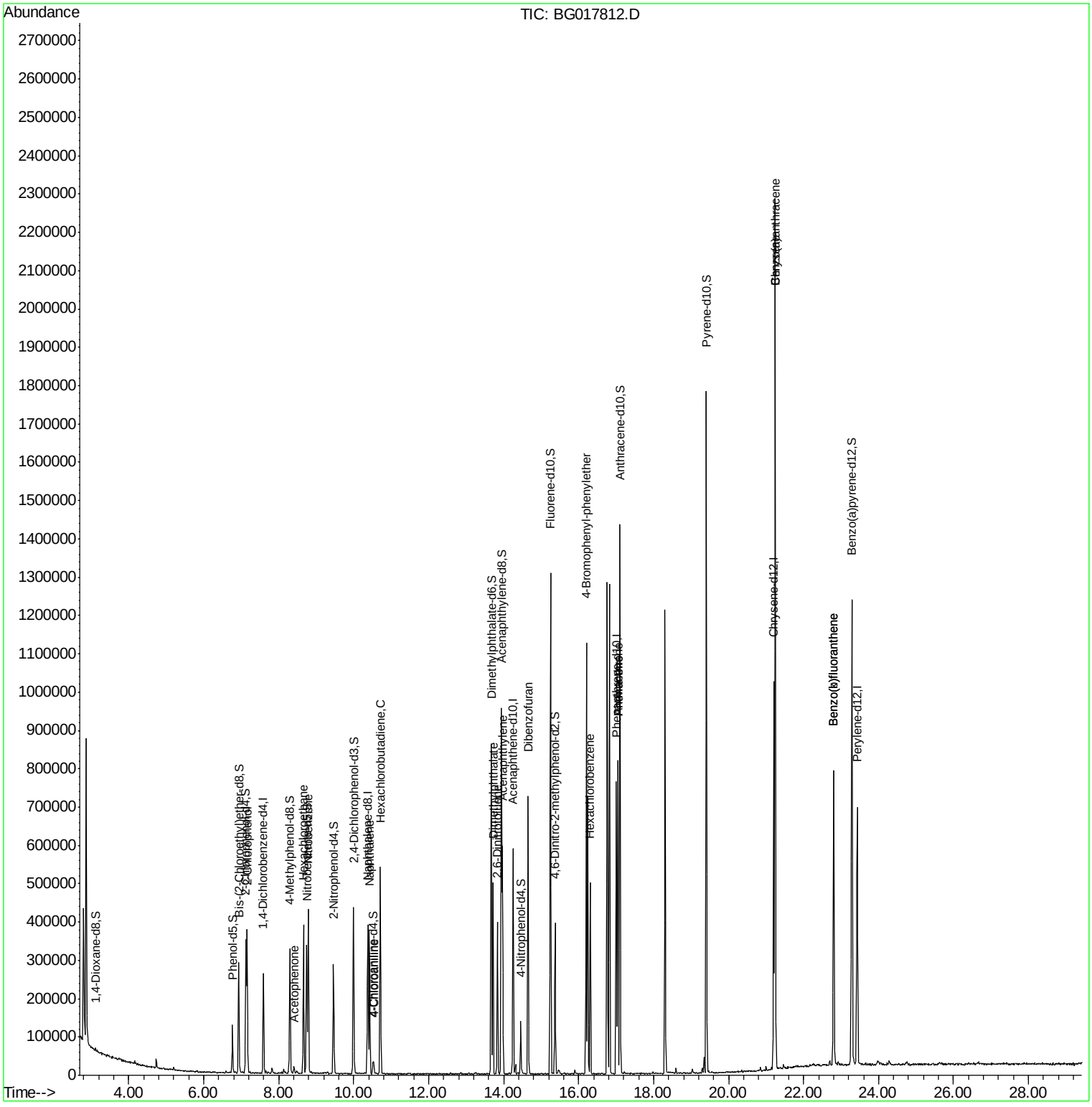
(#) = qualifier out of range (m) = manual integration (+) = signals summed

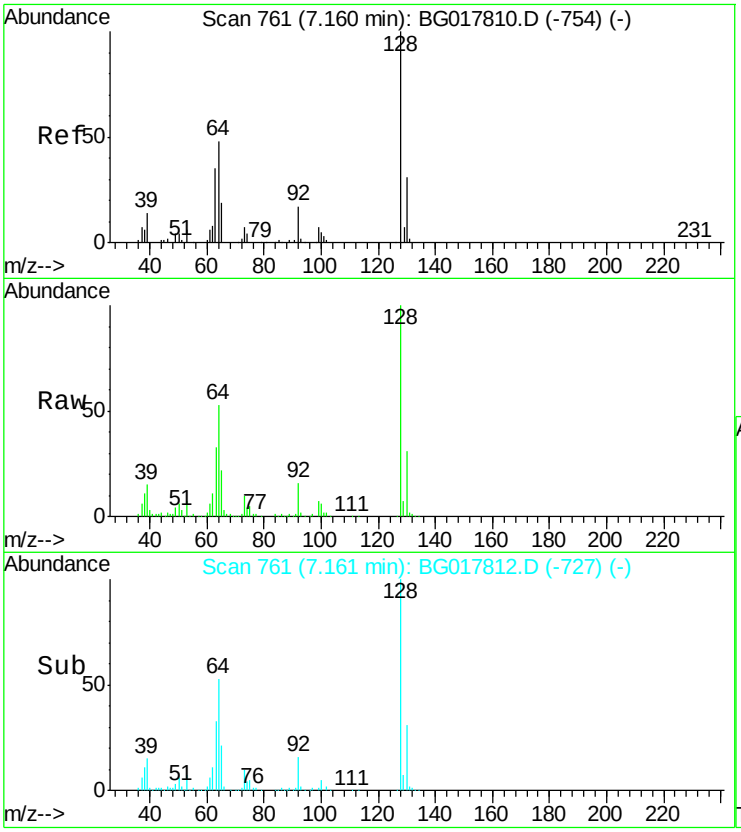
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
Data File : BG017812.D
Acq On : 10 Jul 2015 15:27
Operator : TP/UM
Sample : G2928-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1Y17

Quant Time: Jul 10 23:33:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 23:32:40 2015
Response via : Initial Calibration



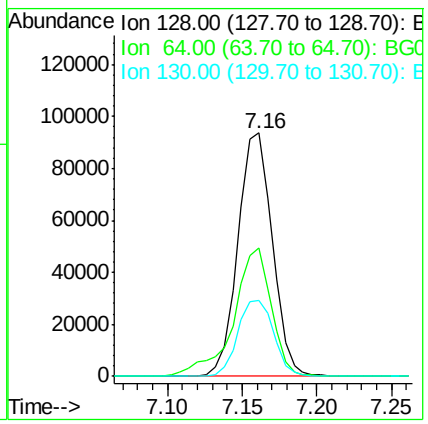


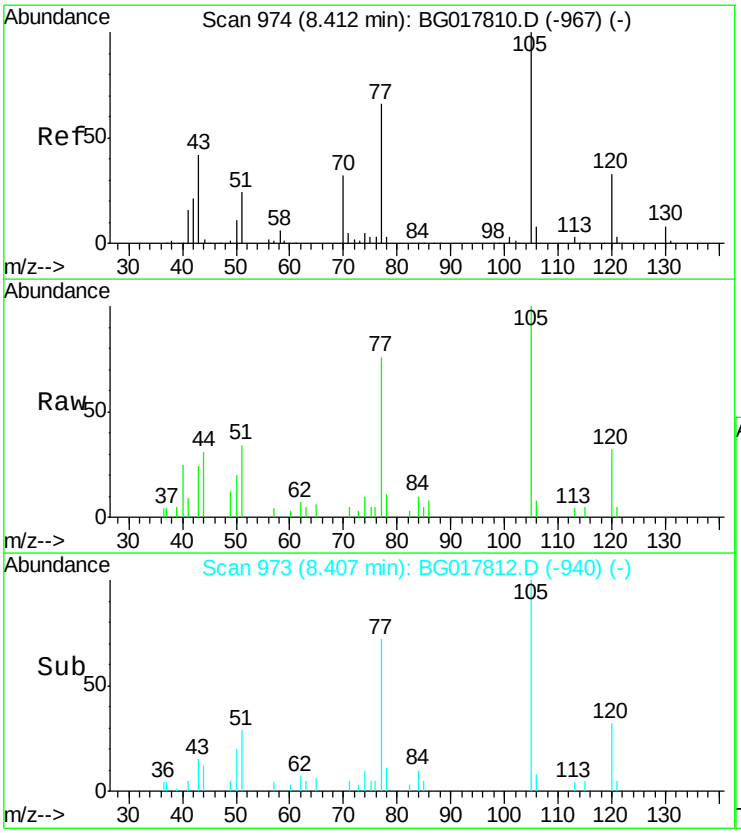
#10
2-Chlorophenol
Concen: 31.03 ng/ul
RT: 7.16 min Scan# 761
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:128 Resp: 149874

Ion	Ratio	Lower	Upper
128	100		
64	52.7	40.9	61.3
130	31.2	26.7	40.1

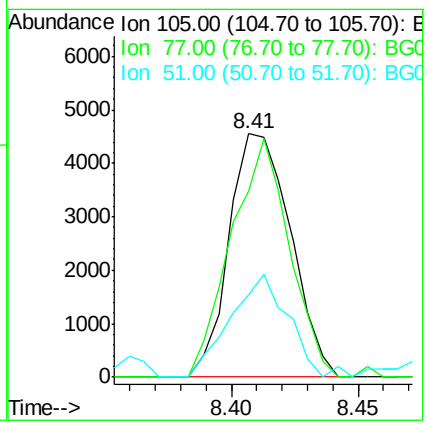


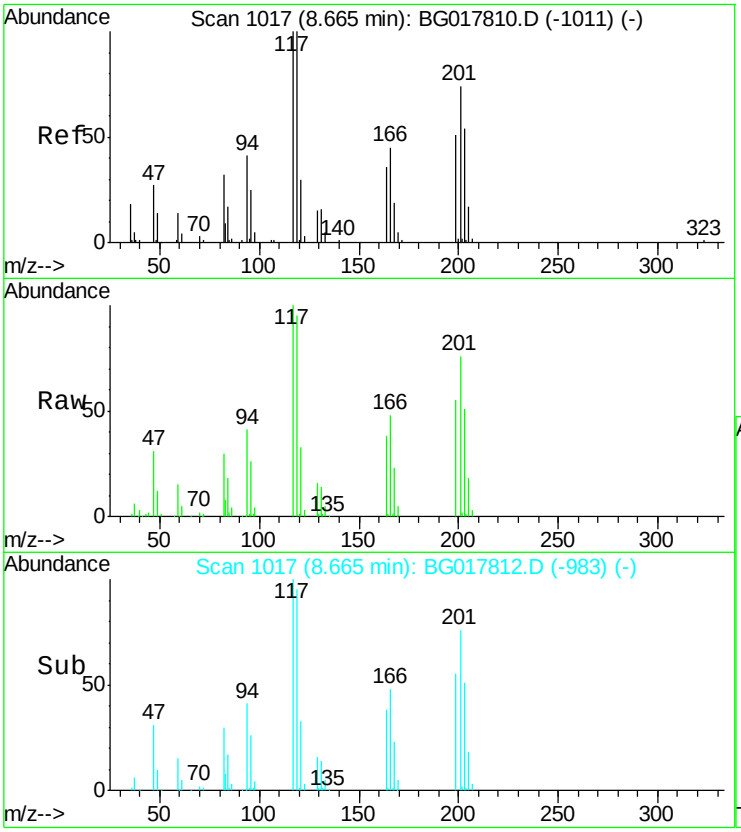


#14
Acetophenone
Concen: 1.04 ng/ul
RT: 8.41 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:105 Resp: 7685

Ion	Ratio	Lower	Upper
105	100		
77	76.4	71.4	107.2
51	34.0	25.2	37.8



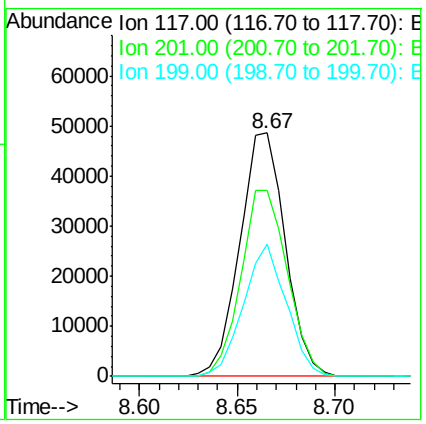


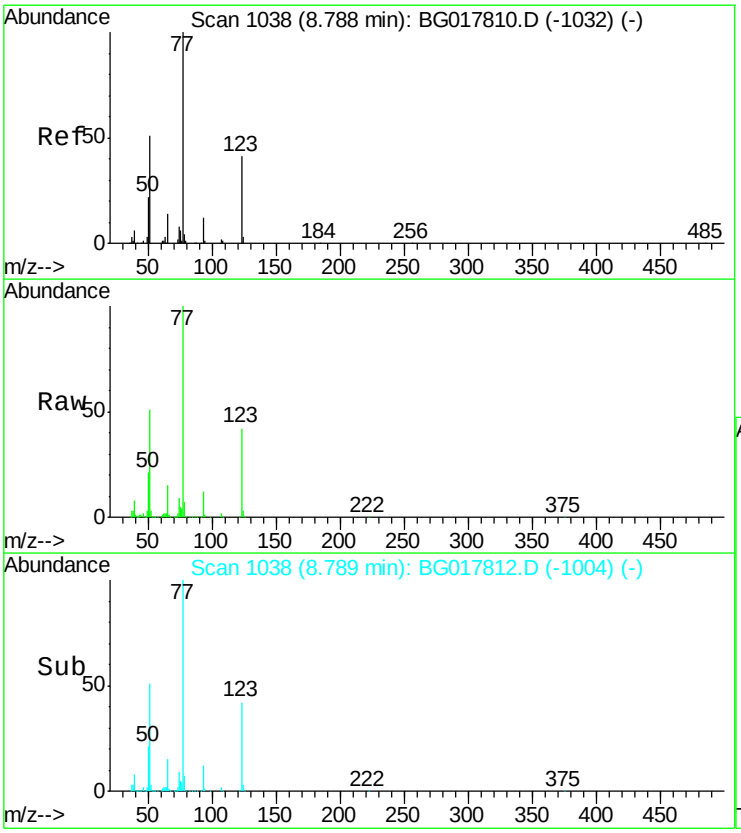
#17
Hexachloroethane
Concen: 39.37 ng/ul
RT: 8.67 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:117 Resp: 78587

Ion	Ratio	Lower	Upper
117	100		
201	76.4	65.9	98.9
199	54.5	38.6	57.8

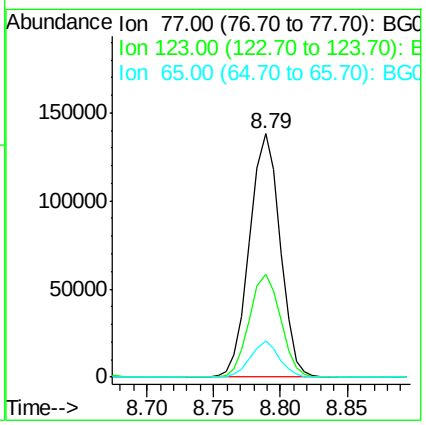


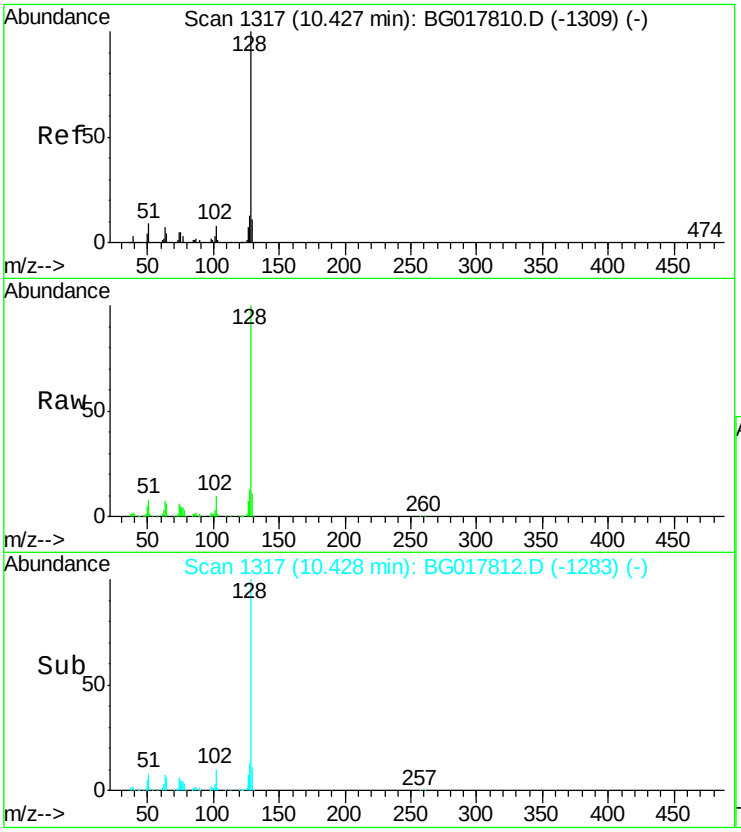


#20
Nitrobenzene
Concen: 37.18 ng/ul
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion: 77 Resp: 218364

Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.2	51.4
65	14.9	10.2	15.2



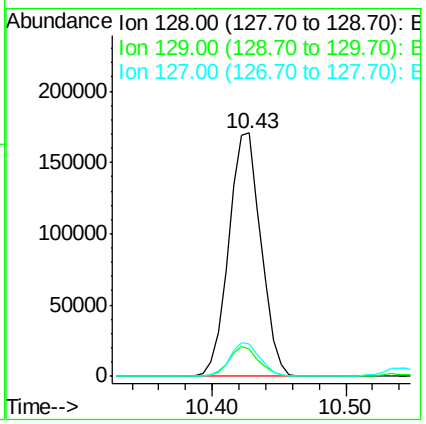


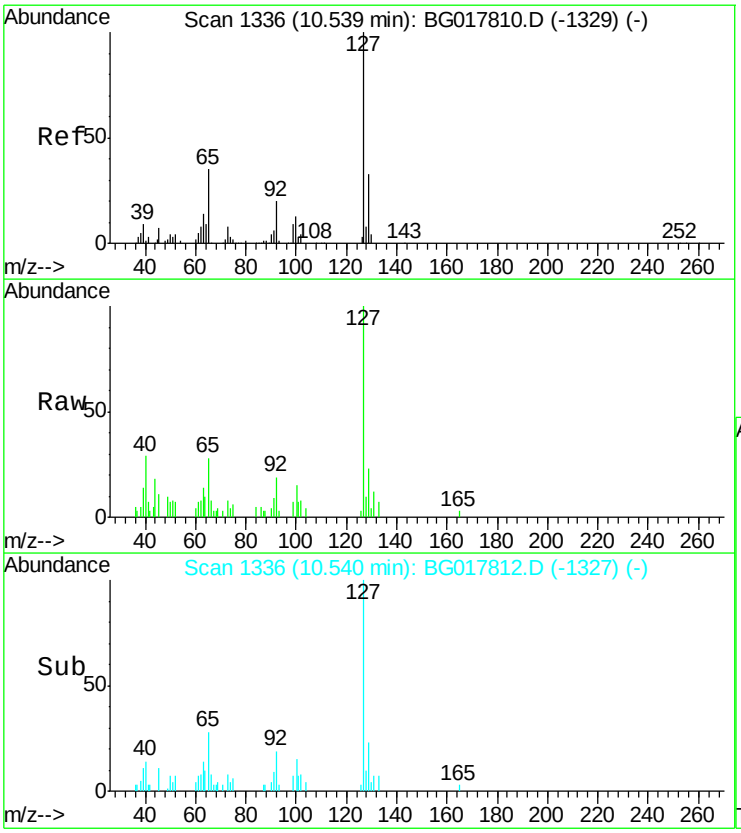
#28
Naphthalene
Concen: 18.65 ng/ul
RT: 10.43 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:128 Resp: 286219

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.1	10.8	16.2

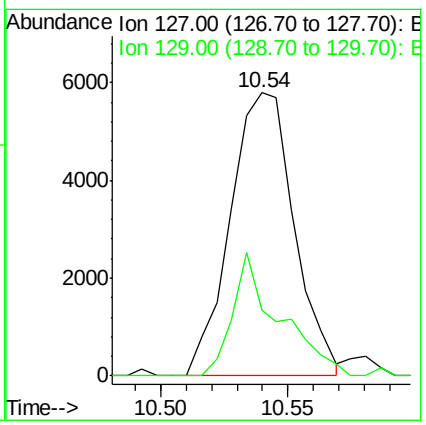


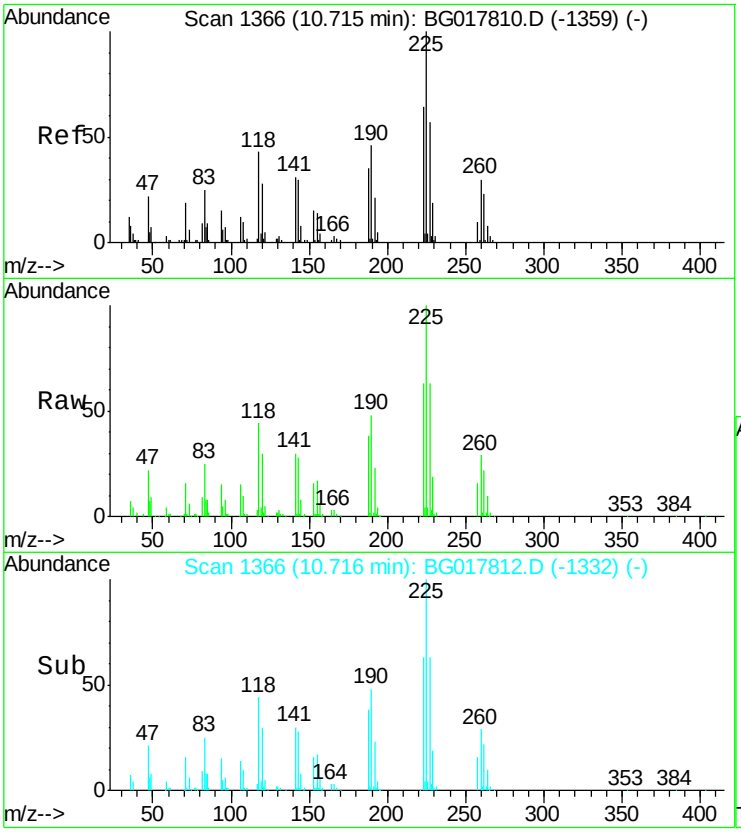


#30
4-Chloroaniline
Concen: 1.71 ng/ul
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:127 Resp: 10153

Ion	Ratio	Lower	Upper
127	100		
129	23.2	24.6	37.0#



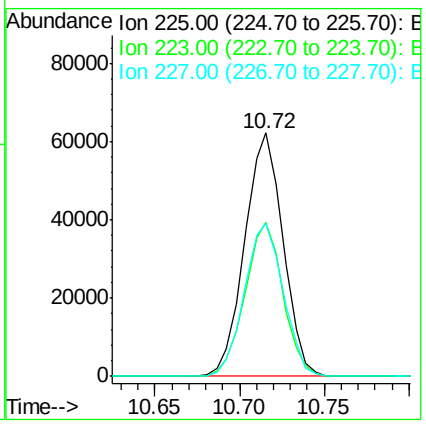


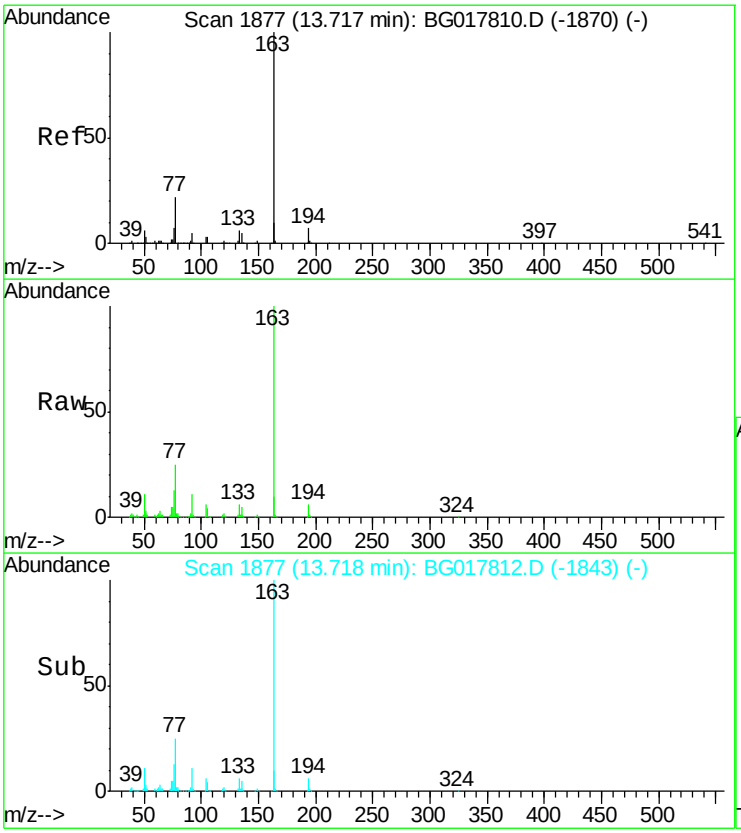
#31
Hexachlorobutadiene
Concen: 42.62 ng/ul
RT: 10.72 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:225 Resp: 98272

Ion	Ratio	Lower	Upper
225	100		
223	63.3	47.9	71.9
227	62.9	48.6	72.8

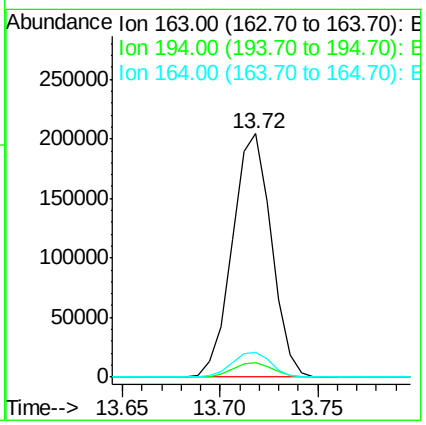


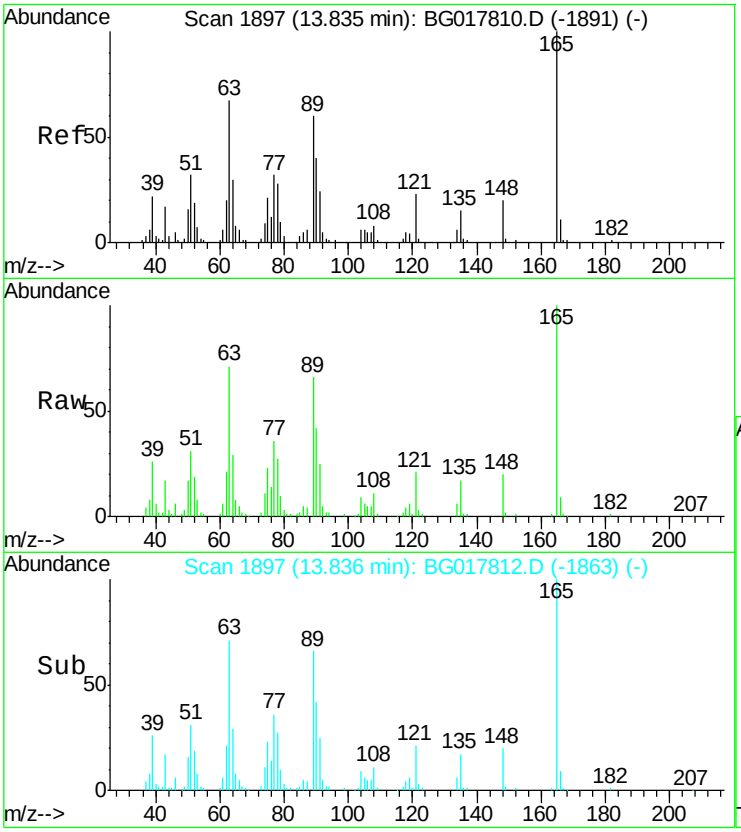


#44
Dimethylphthalate
Concen: 19.84 ng/ul
RT: 13.72 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:163 Resp: 281953

Ion	Ratio	Lower	Upper
163	100		
194	6.1	5.3	7.9
164	10.3	8.0	12.0



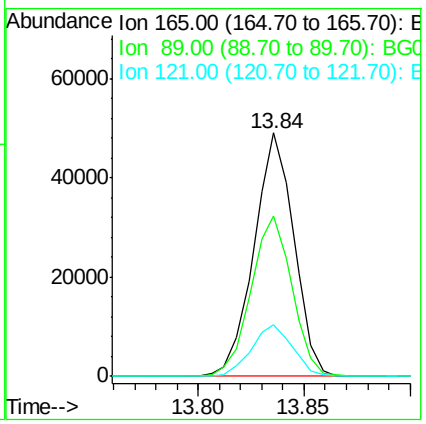


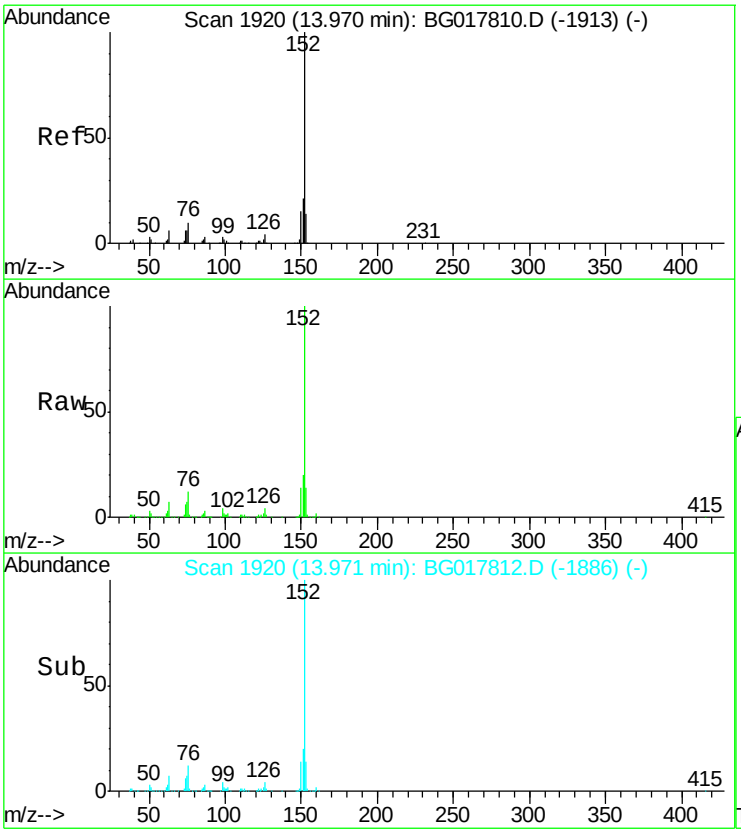
#45
2,6-Dinitrotoluene
Concen: 21.80 ng/ul
RT: 13.84 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:165 Resp: 64520

Ion	Ratio	Lower	Upper
165	100		
89	65.8	47.8	71.8
121	21.2	17.2	25.8

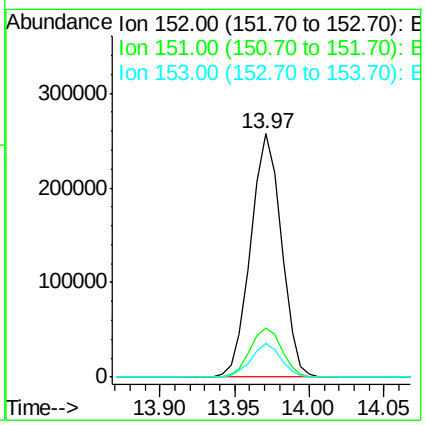


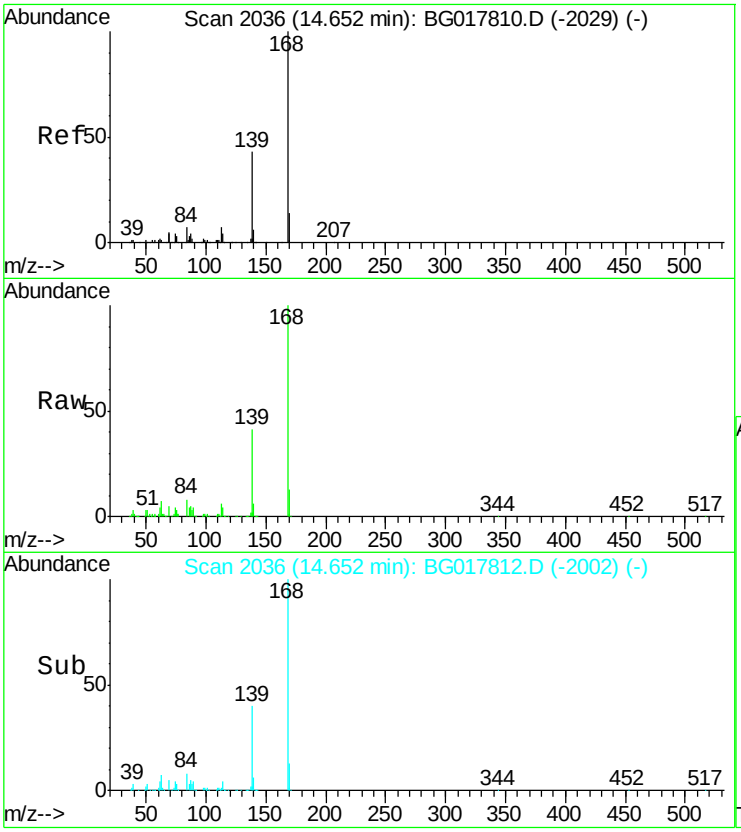


#47
Acenaphthylene
Concen: 20.08 ng/ul
RT: 13.97 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:152 Resp: 365062

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.3	25.9
153	13.9	11.2	16.8



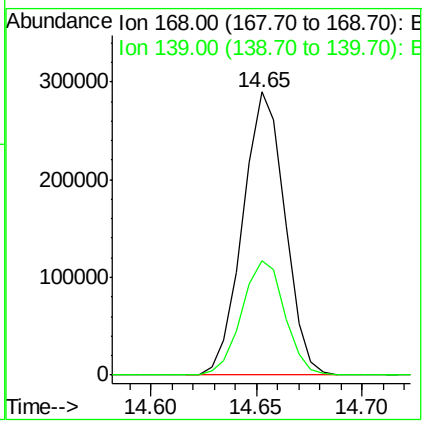


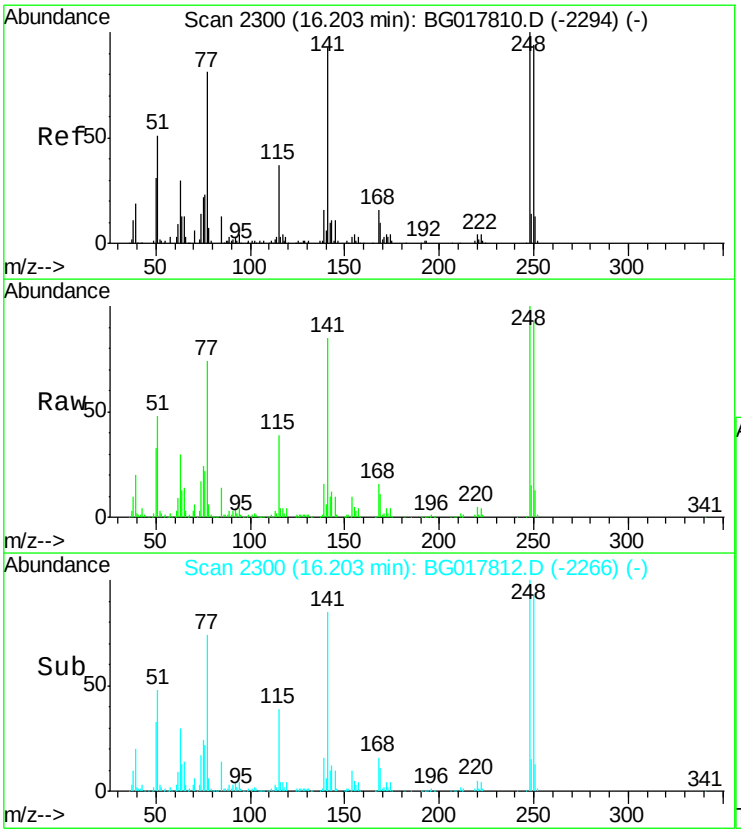
#53
Dibenzofuran
Concen: 24.39 ng/ul
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:168 Resp: 403034

Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.4	48.6

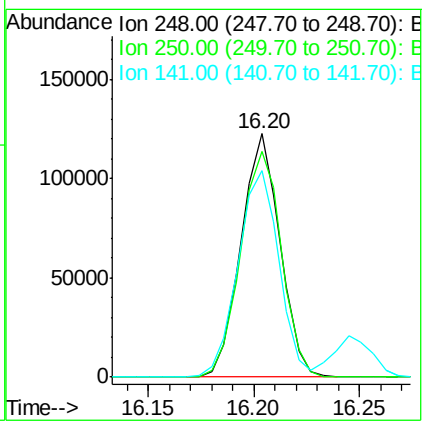


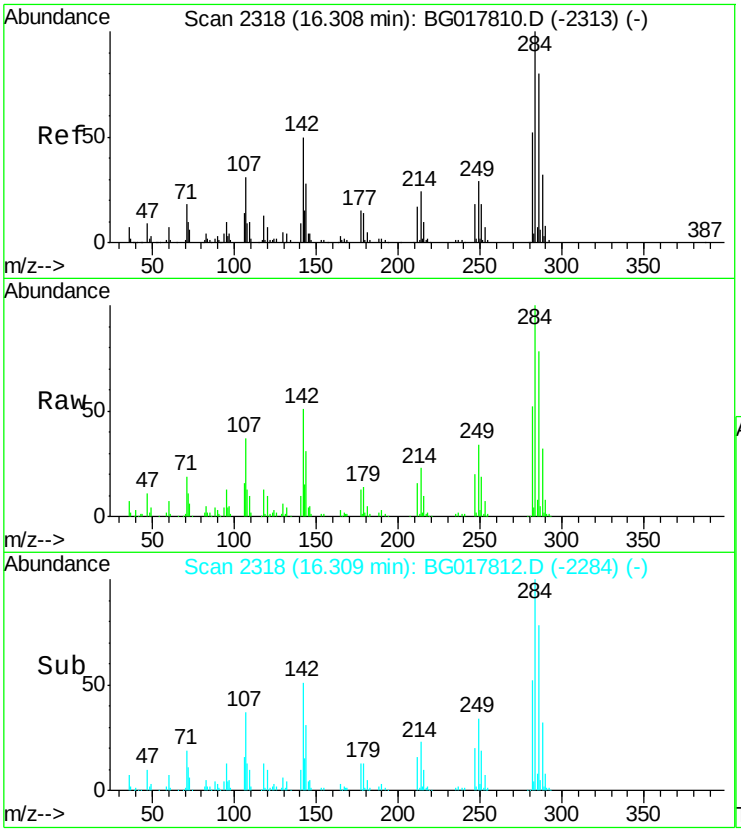


#65
4-Bromophenyl-phenylether
Concen: 39.36 ng/ul
RT: 16.20 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:248 Resp: 156939

Ion	Ratio	Lower	Upper
248	100		
250	92.7	81.0	121.4
141	84.8	73.6	110.4



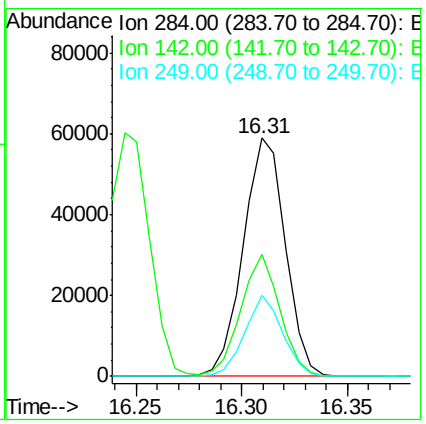


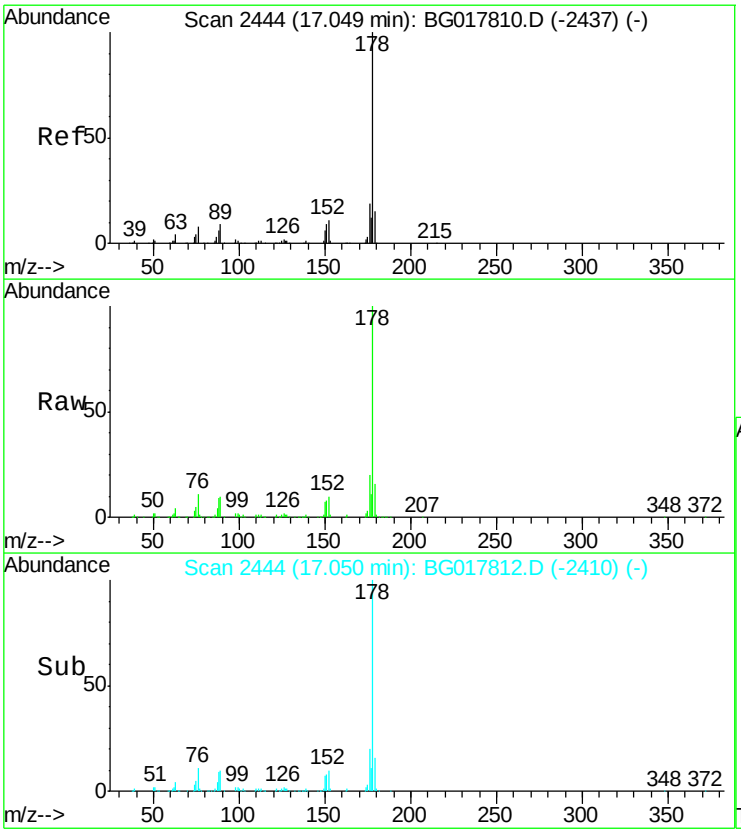
#66
Hexachlorobenzene
Concen: 19.05 ng/ul
RT: 16.31 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:284 Resp: 81508

Ion	Ratio	Lower	Upper
284	100		
142	51.3	31.8	47.6#
249	34.2	23.0	34.6

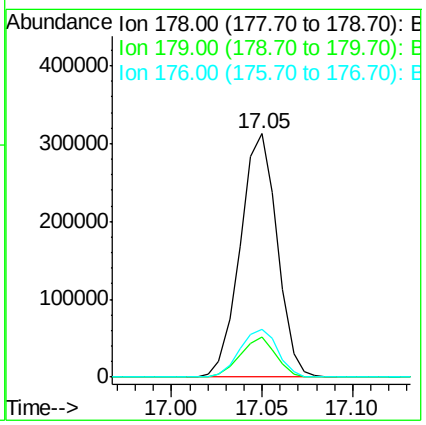


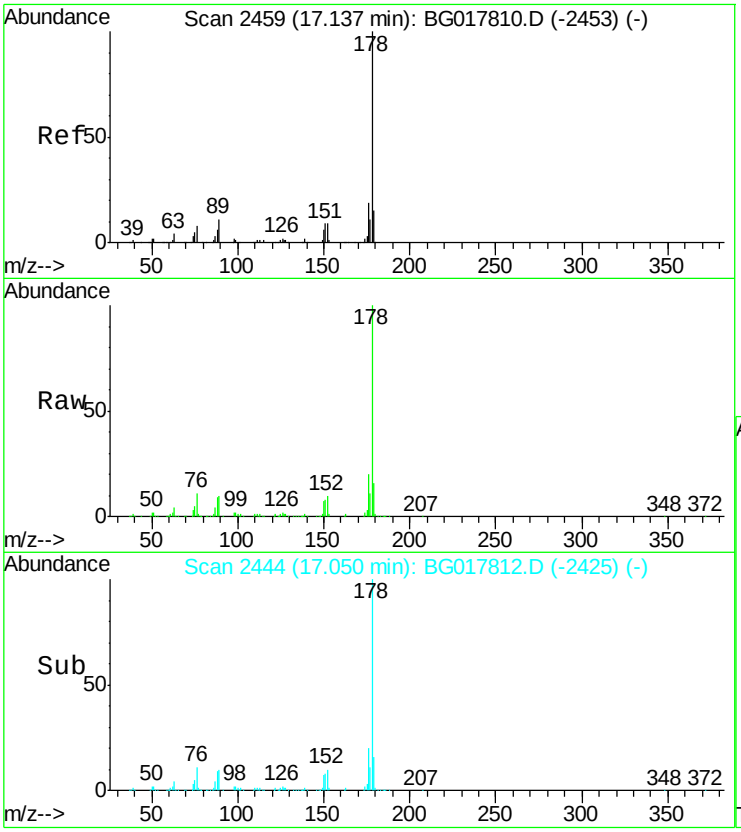


#69
Phenanthrene
Concen: 19.84 ng/ul
RT: 17.05 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:178 Resp: 442571

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.3	16.9
176	19.7	15.5	23.3



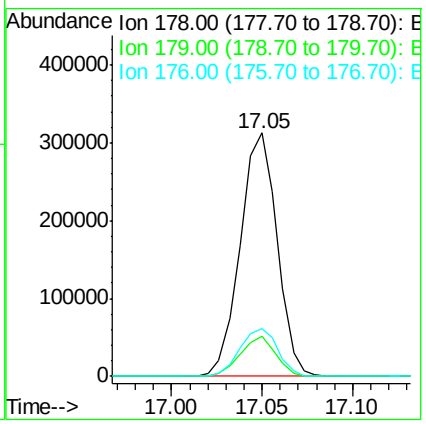


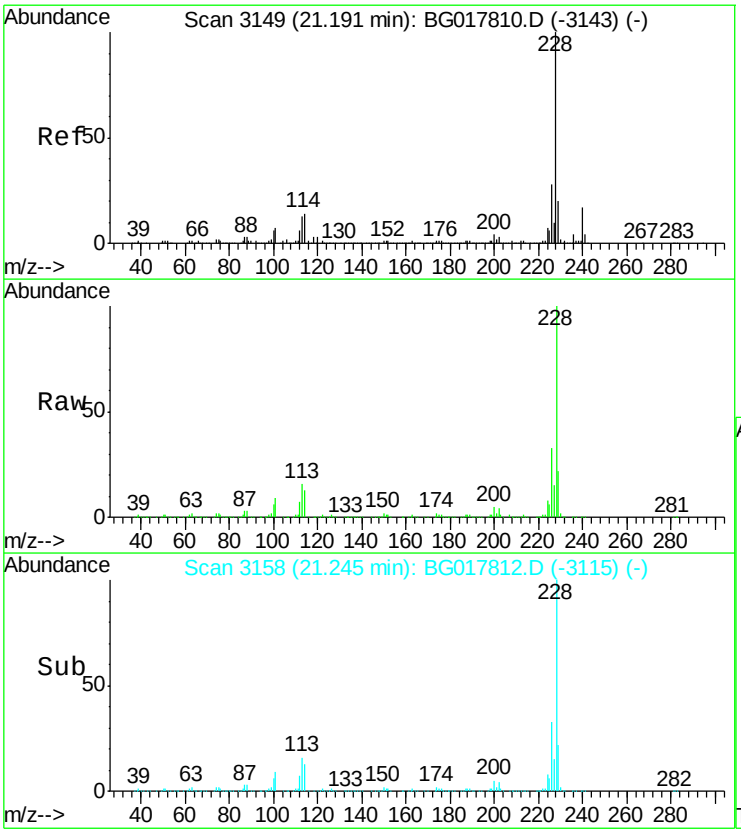
#71
Anthracene
Concen: 19.32 ng/ul
RT: 17.05 min Scan# 2444
Delta R.T. -0.09 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:178 Resp: 442571

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	19.7	15.0	22.6

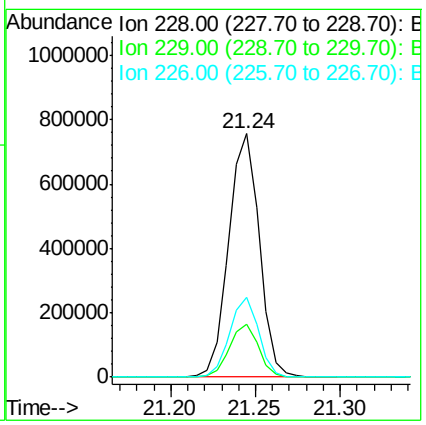


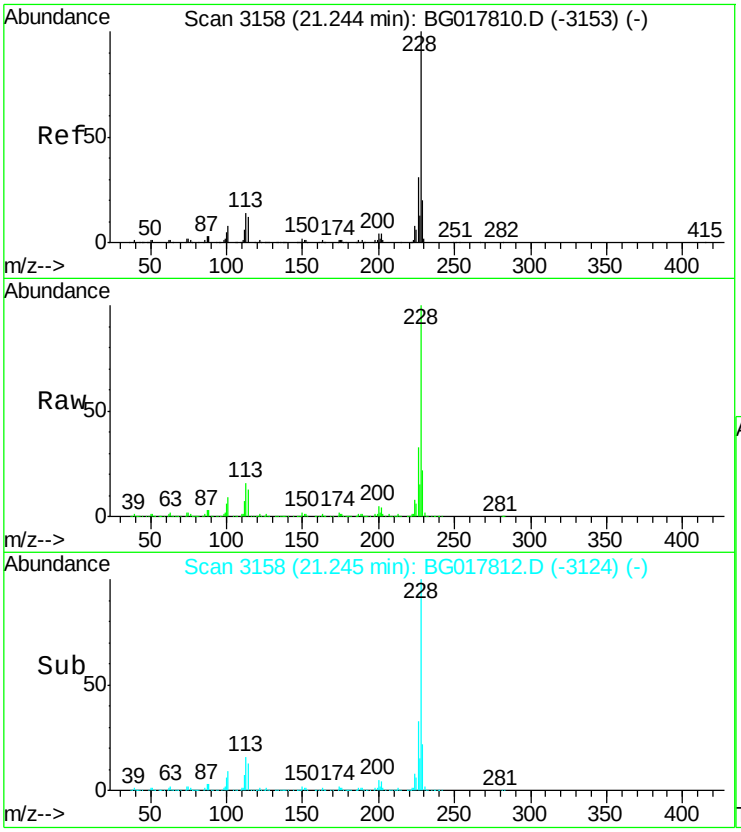


#82
Benzo(a)anthracene
Concen: 38.65 ng/ul
RT: 21.24 min Scan# 3158
Delta R.T. 0.05 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:228 Resp: 947553

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.9	25.3
226	32.6	22.9	34.3



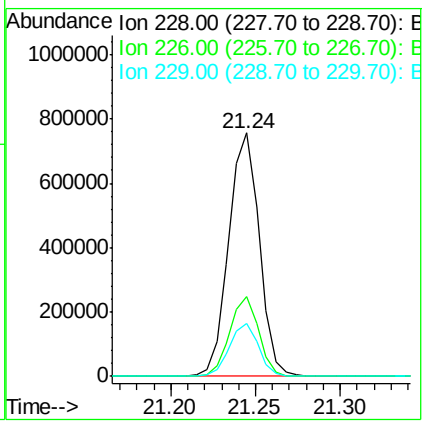


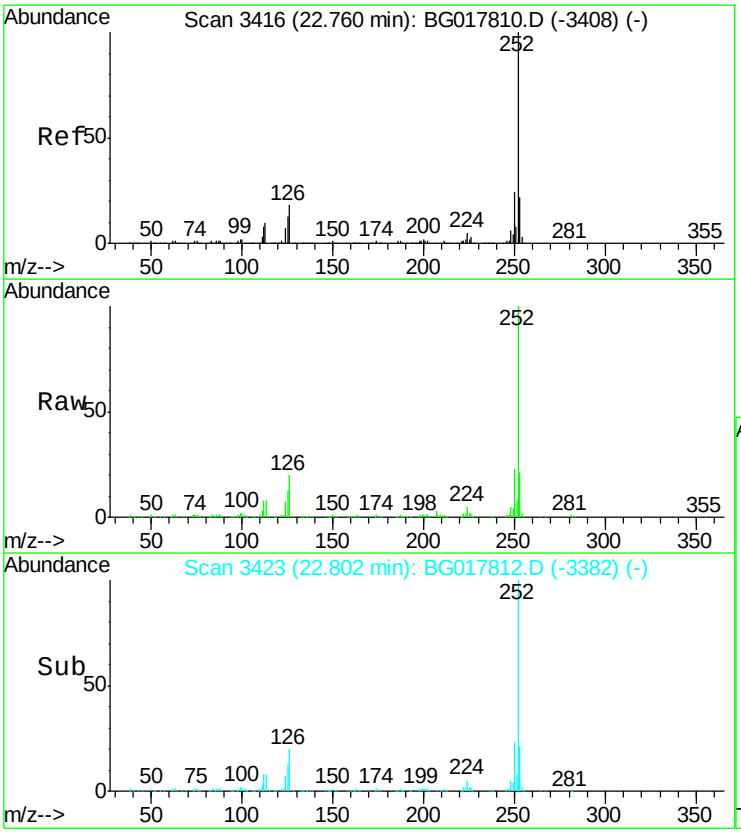
#84
Chrysene
Concen: 41.22 ng/ul
RT: 21.24 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:228 Resp: 947553

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	22.0	16.5	24.7

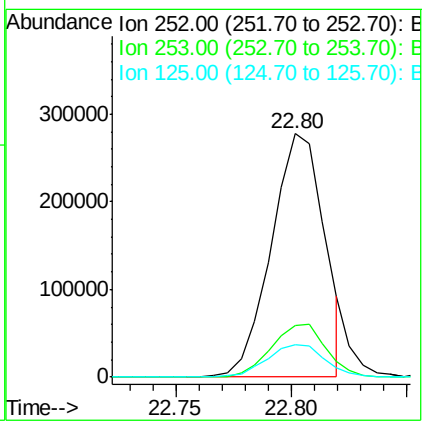


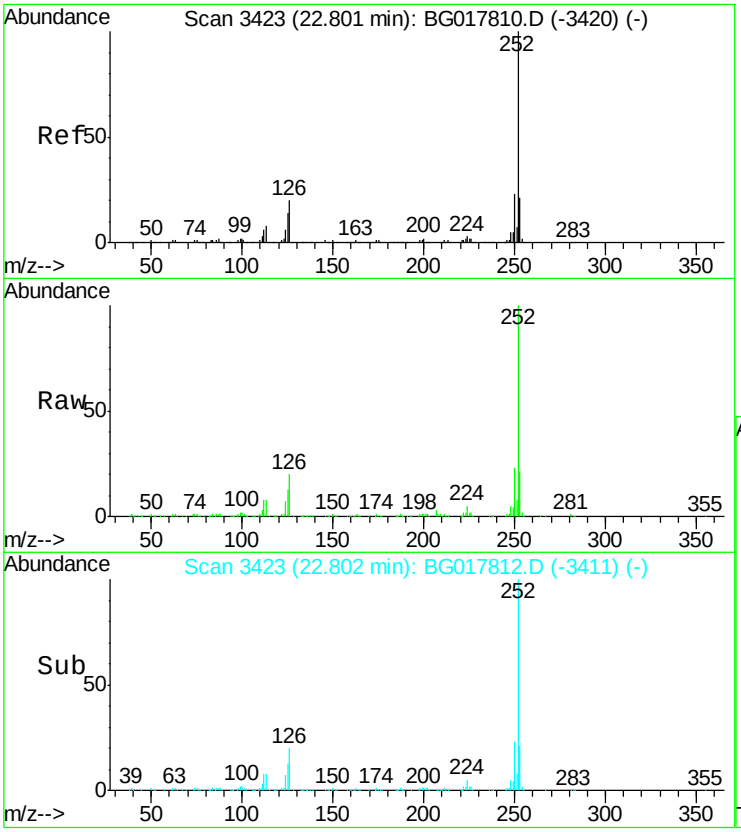


#87
Benzo(b)fluoranthene
Concen: 18.84 ng/ul
RT: 22.80 min Scan# 3423
Delta R.T. 0.04 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:252 Resp: 441886

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	13.3	11.4	17.0





#88
Benzo(k)fluoranthene
Concen: 20.70 ng/ul
RT: 22.80 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:252 Resp: 462232

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	13.3	10.7	16.1