Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021982.D
Acq On : 21 May 2016 18:35
Operator : UM/SJ
Sample : H3146-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK65

Quant Time: May 22 06:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 06:41:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	199147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	113652	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	236486	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	205483	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	189557	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1410	1.86	ng/uL	0.00
5) Phenol-d5	7.31	99	27495	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	55102	29.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	75915	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	51200	16.90	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	46927	31.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	49579	31.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	76918	26.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	930	0.30	ng/ul	0.01
44) Dimethylphthalate-d6	14.18	166	289156	33.87	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	383082	32.14	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	4183	2.85	ng/ul	0.01
58) Fluorene-d10	15.78	176	260970	32.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	32504	26.29	ng/ul	0.00
71) Anthracene-d10	17.63	188	377021	33.12	ng/ul	0.00
77) Pyrene-d10	19.91	212	402427	34.73	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	306051	34.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	183	0.13	ng/uL#	30
4) Benzaldehyde	7.58	77	1321	0.67	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.57	93	129	0.05	ng/ul#	8
14) Acetophenone	9.00	105	742	0.18	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.87	70	714	0.33	ng/ul#	1
20) Nitrobenzene	9.34	77	120	0.04	ng/ul#	36
21) Isophorone	9.87	82	66	0.01	ng/ul#	64
28) Naphthalene	11.02	128	216	0.02	ng/ul#	67
43) 2-Nitroaniline	14.18	65	633	0.40	ng/ul#	1
45) Dimethylphthalate	14.19	163	66	0.01	ng/ul#	1
46) 2,6-Dinitrotoluene	14.20	165	327	0.18	ng/ul#	34
49) 3-Nitroaniline	14.22	138	134	0.08	ng/ul#	6
55) 2,4-Dinitrotoluene	14.79	165	14645	5.90	ng/ul#	46
57) Diethylphthalate	15.58	149	244	0.03	ng/ul#	59
59) Fluorene	15.79	166	55	0.01	ng/ul#	8
65) N-Nitrosodiphenylamine	15.89	169	121	0.02	ng/ul#	21
74) Di-n-butylphthalate	18.48	149	1308	0.08	ng/ul#	79
75) Fluoranthene	19.91	202	635	0.05	ng/ul#	1
78) Pyrene	19.91	202	635	0.04	ng/ul#	1
79) Butylbenzylphthalate	20.81	149	176	0.03	ng/ul#	25
81) Benzo(a)anthracene	21.80	228	425	0.04	ng/ul#	45
82) Bis(2-ethylhexyl)phthalate	21.67	149	1146	0.12	ng/ul#	52
83) Chrysene	21.83	228	60	0.01	ng/ul#	50

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021982.D
Acq On : 21 May 2016 18:35
Operator : UM/SJ
Sample : H3146-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK65

Quant Time: May 22 06:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 06:41:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.92	149	479	0.03	ng/ul	100
86) Benzo(b)fluoranthene	24.08	252	106	0.01	ng/ul#	1
87) Benzo(k)fluoranthene	24.10	252	124	0.01	ng/ul#	61
89) Benzo(a)pyrene	24.99	252	115	0.01	ng/ul#	56

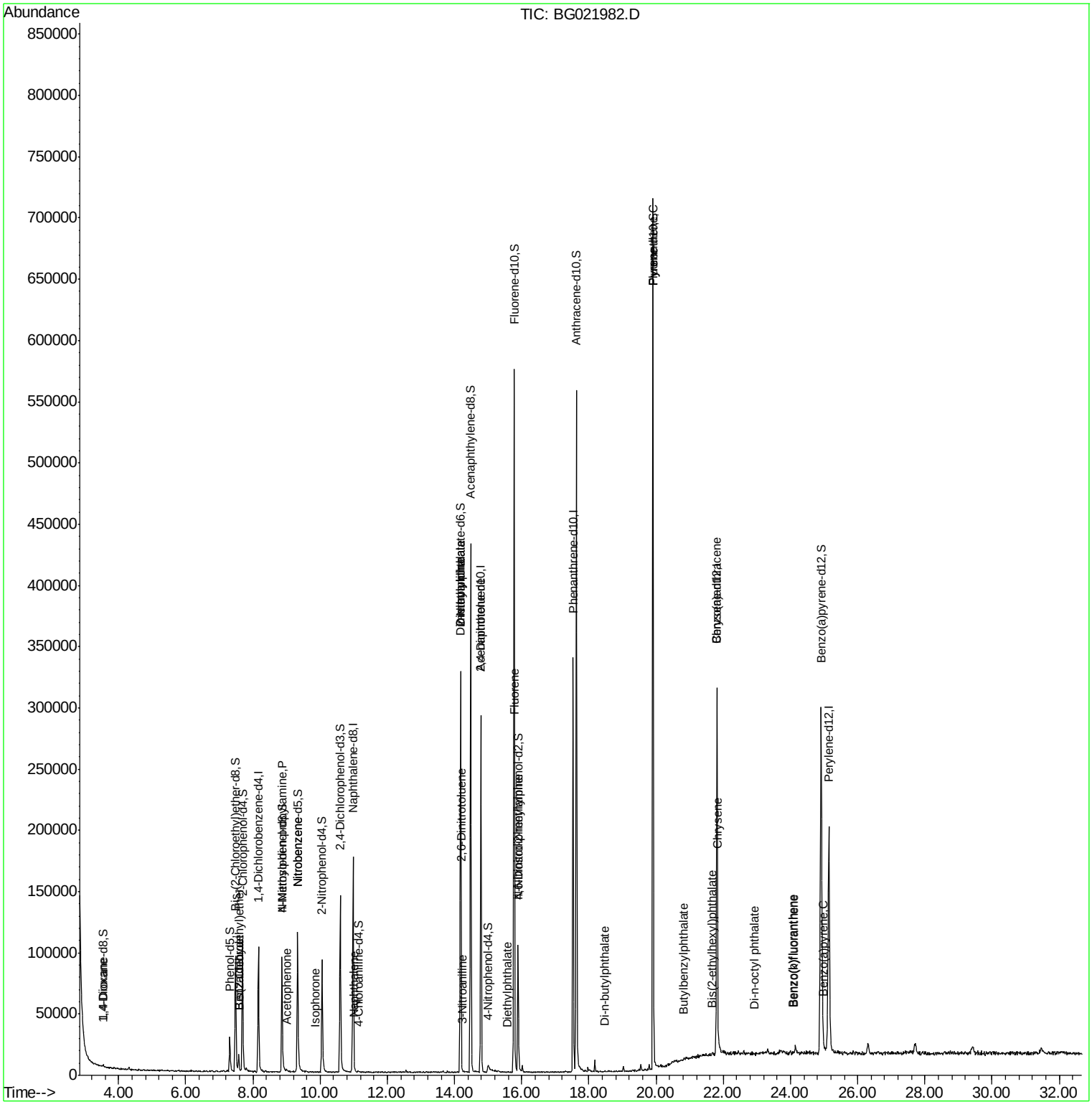
(#) = qualifier out of range (m) = manual integration (+) = signals summed

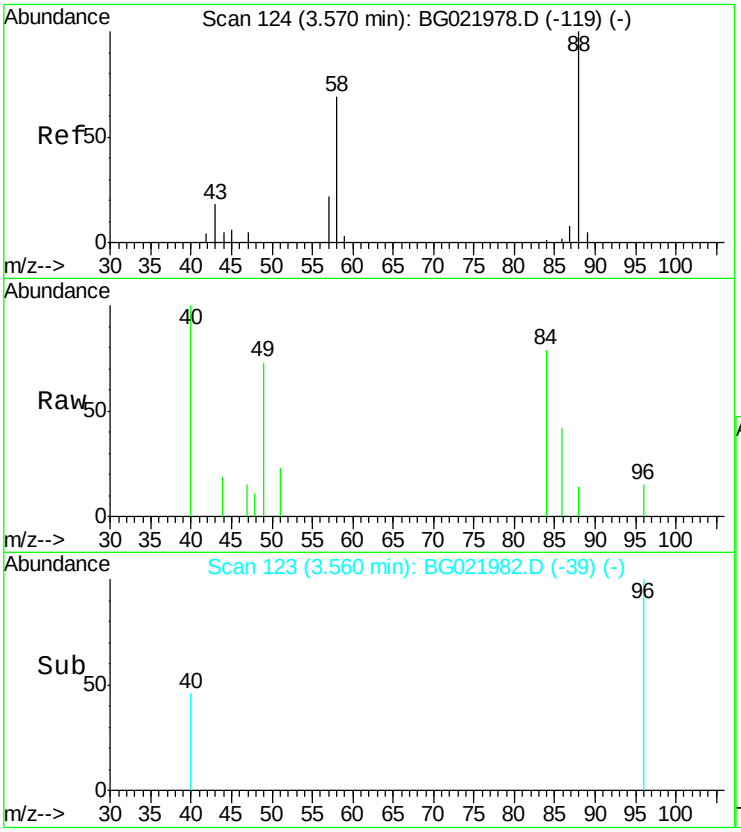
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021982.D
Acq On : 21 May 2016 18:35
Operator : UM/SJ
Sample : H3146-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK65

Quant Time: May 22 06:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 06:41:14 2016
Response via : Initial Calibration



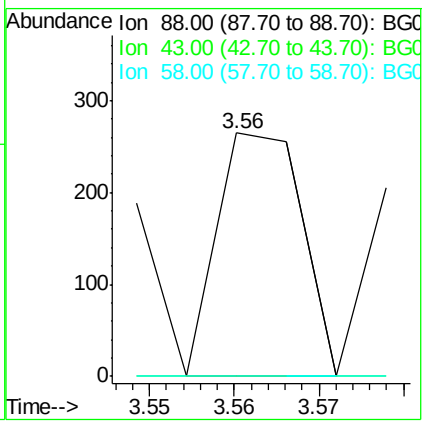


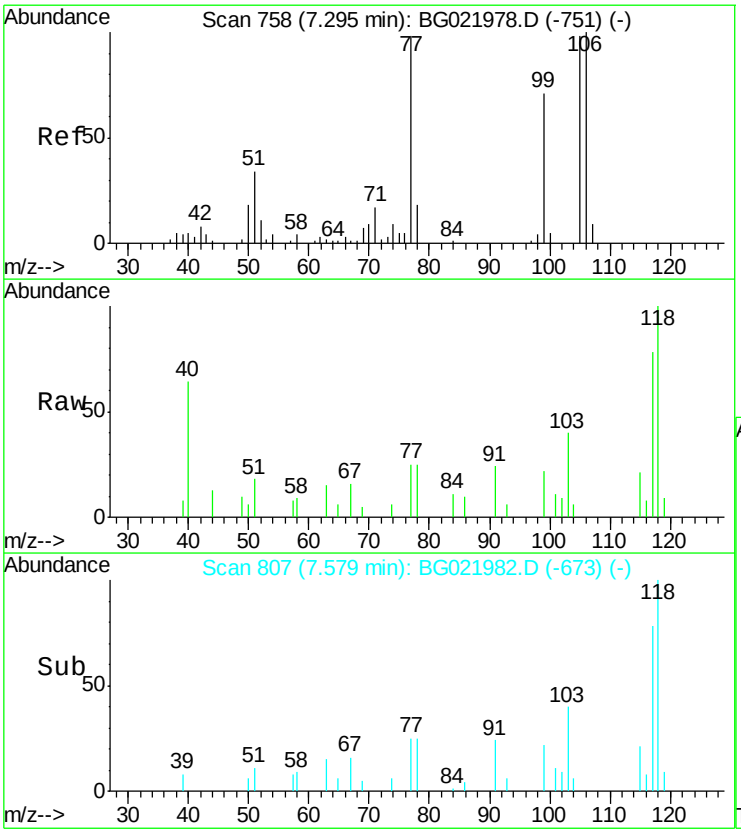
#2
1,4-Dioxane
Concen: 0.13 ng/uL
RT: 3.56 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion: 88 Resp: 183

Ion	Ratio	Lower	Upper
88	100		
43	0.0	16.6	24.8#
58	0.0	47.2	70.8#

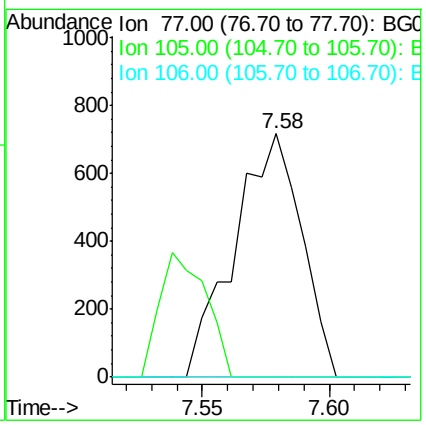


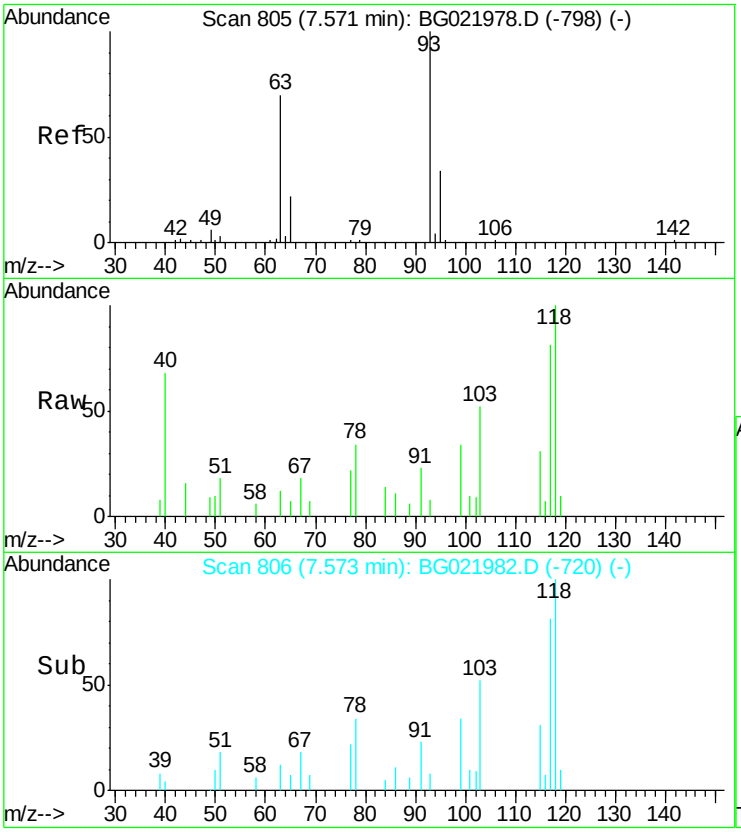


#4
Benzaldehyde
Concen: 0.67 ng/ul
RT: 7.58 min Scan# 807
Delta R.T. 0.28 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion: 77 Resp: 1321

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.8	125.8#
106	0.0	77.9	116.9#



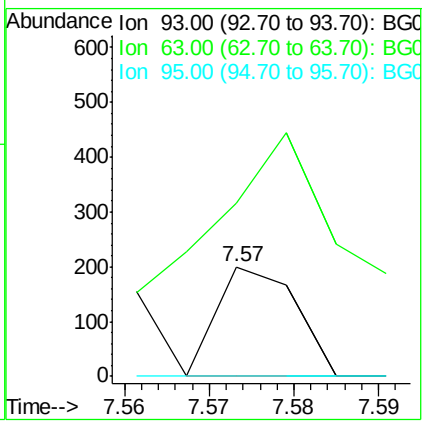


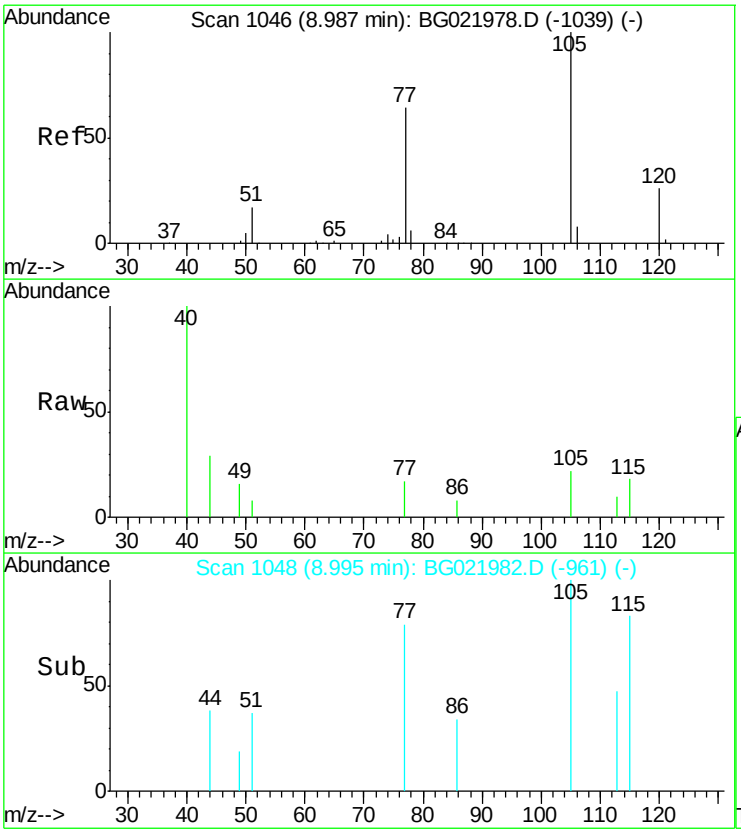
#8
Bis(2-Chloroethyl)ether
Concen: 0.05 ng/ul
RT: 7.57 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion: 93 Resp: 129

Ion	Ratio	Lower	Upper
93	100		
63	158.5	56.0	84.0#
95	0.0	27.7	41.5#

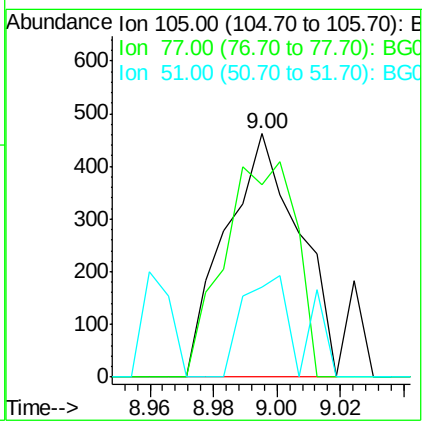


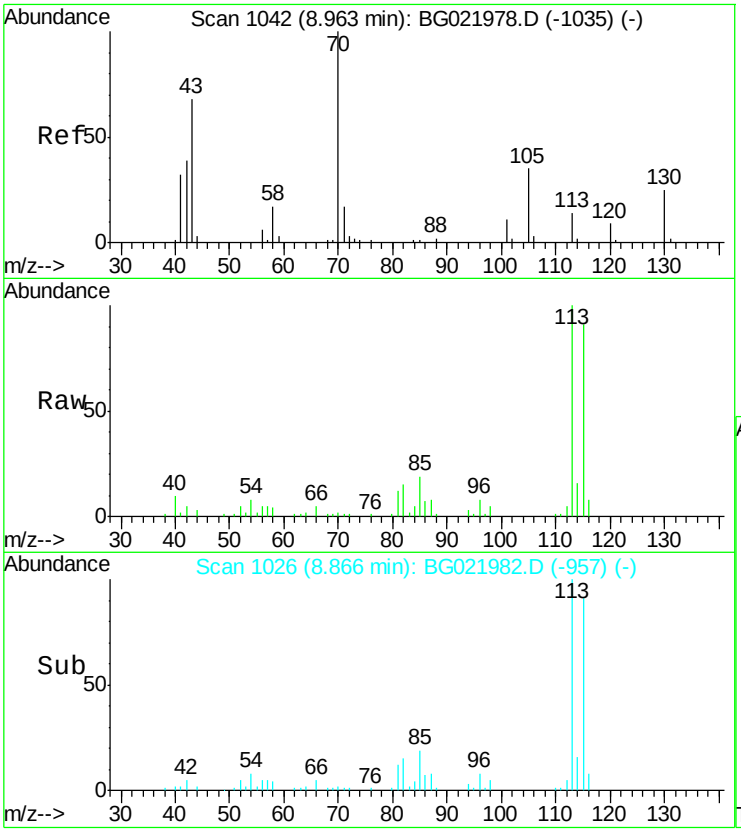


#14
Acetophenone
Concen: 0.18 ng/ul
RT: 9.00 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:105 Resp: 742

Ion	Ratio	Lower	Upper
105	100		
77	79.2	56.1	84.1
51	36.8	14.6	22.0#



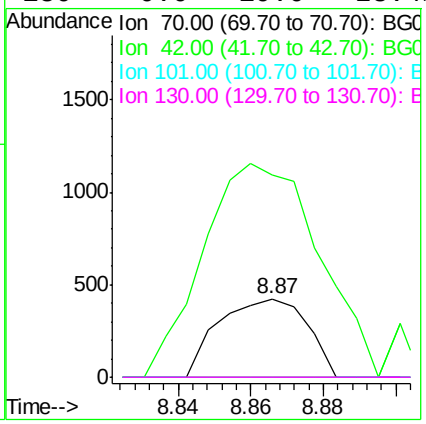


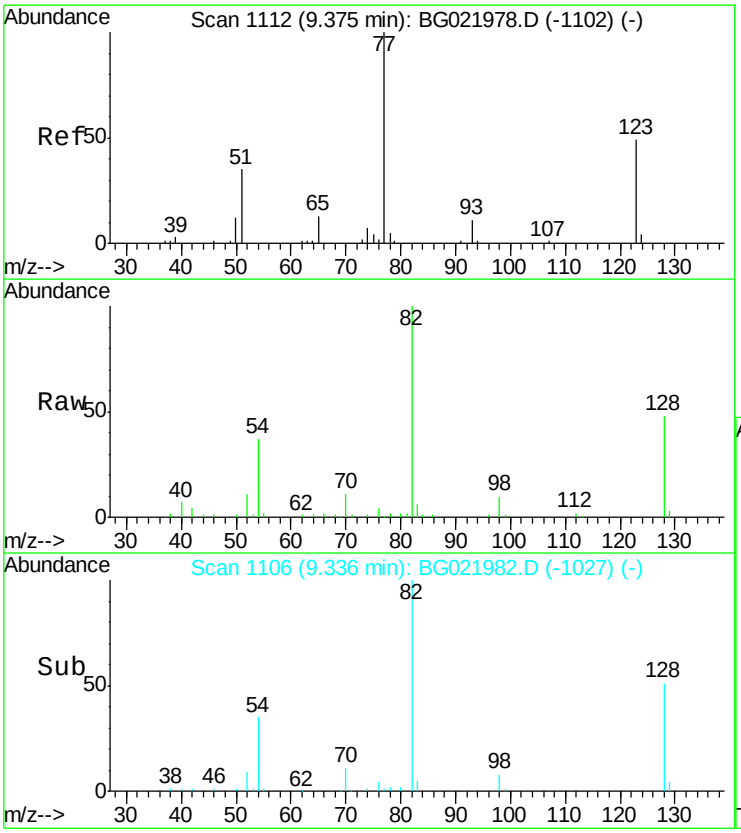
#15
N-Nitroso-di-n-propylamine
Concen: 0.33 ng/ul
RT: 8.87 min Scan# 1026
Delta R.T. -0.10 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion: 70 Resp: 714

Ion	Ratio	Lower	Upper
70	100		
42	258.8	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#

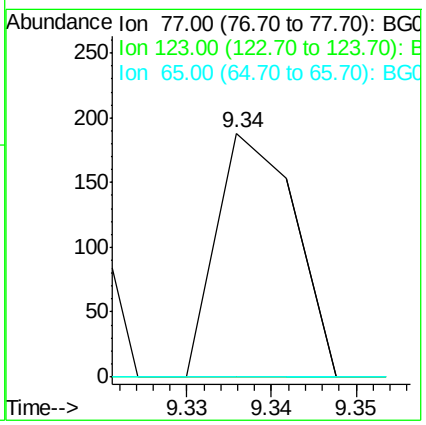


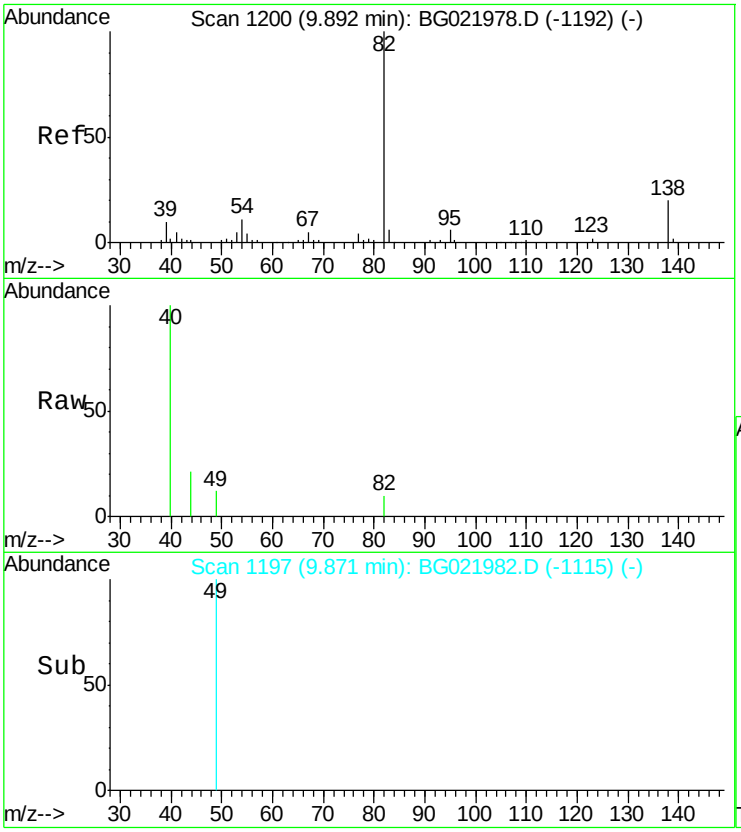


#20
Nitrobenzene
Concen: 0.04 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion: 77 Resp: 120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.5	59.3#
65	0.0	9.0	13.4#



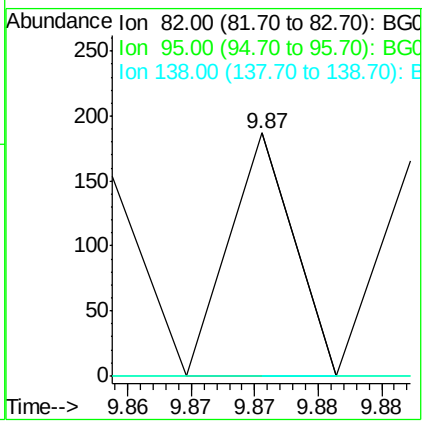


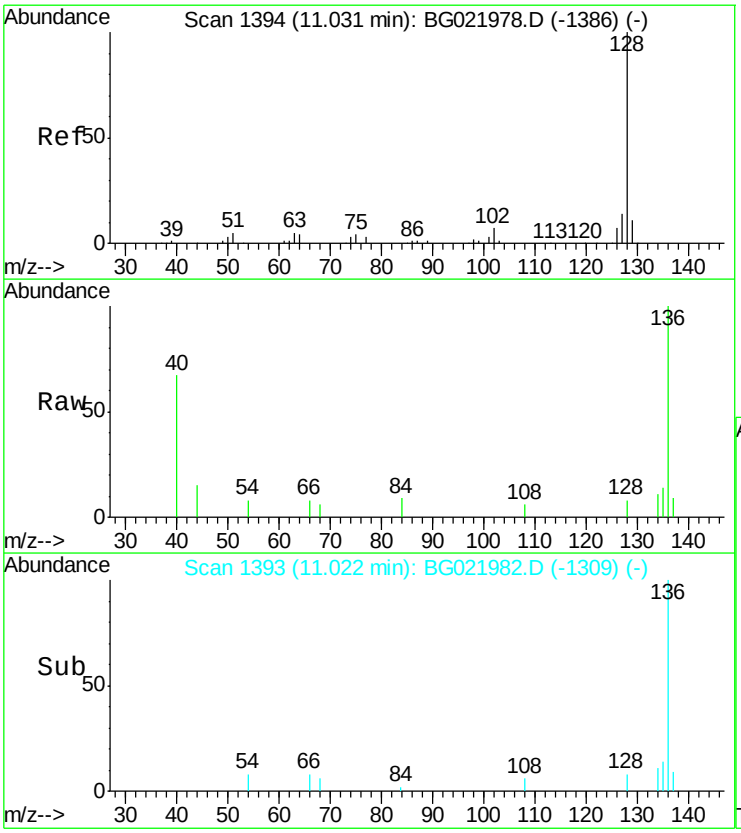
#21
Isophorone
Concen: 0.01 ng/ul
RT: 9.87 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion: 82 Resp: 66

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	15.0	22.6#

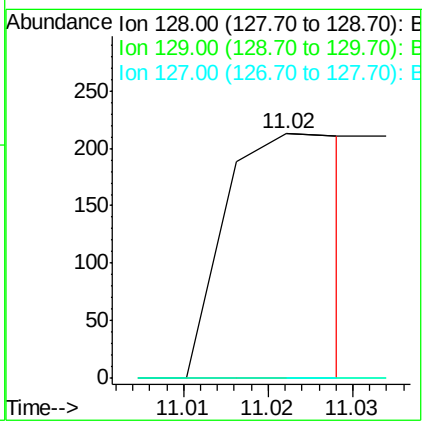


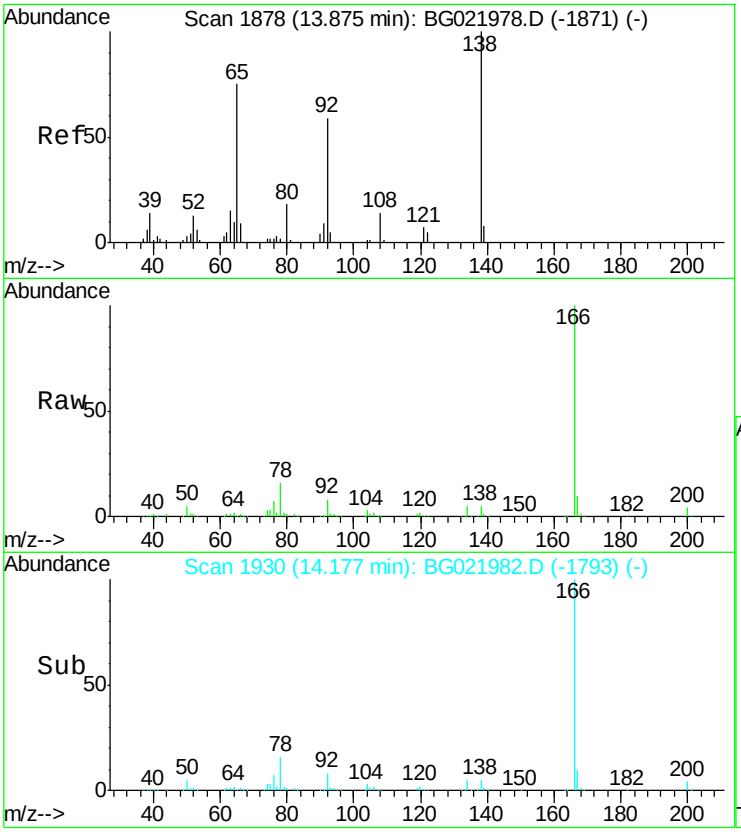


#28
Naphthalene
Concen: 0.02 ng/ul
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:128 Resp: 216

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.2#
127	0.0	11.2	16.8#



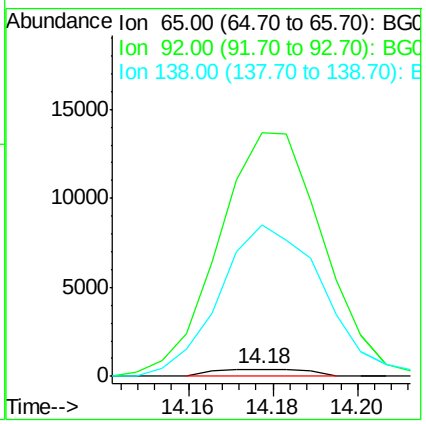


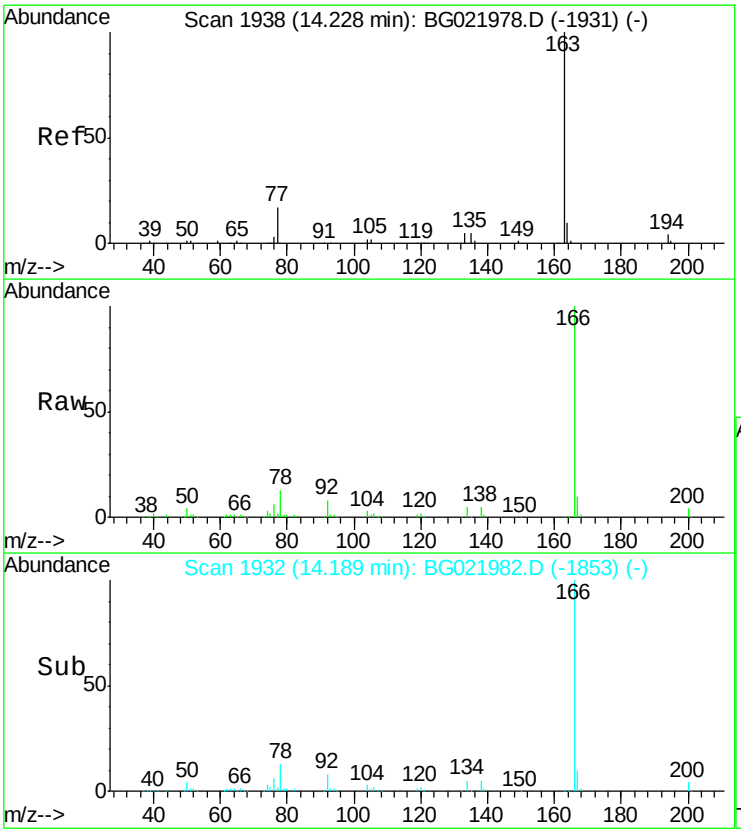
#43
2-Nitroaniline
Concen: 0.40 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.30 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion: 65 Resp: 633

Ion	Ratio	Lower	Upper
65	100		
92	3328.0	67.1	100.7#
138	2072.3	109.6	164.4#

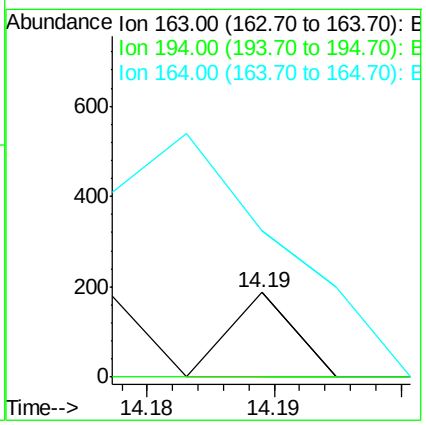


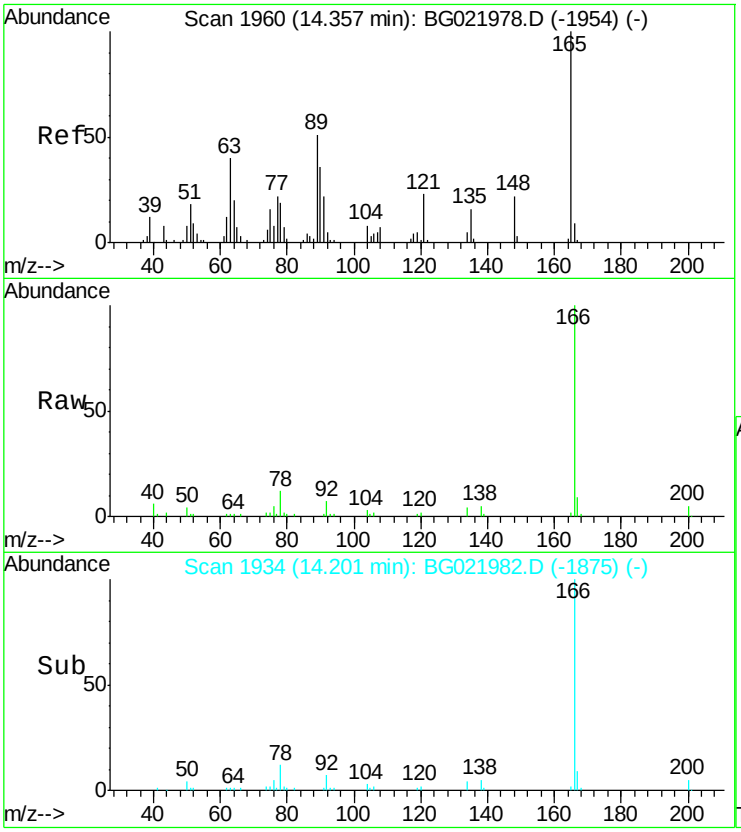


#45
Dimethylphthalate
Concen: 0.01 ng/ul
RT: 14.19 min Scan# 1932
Delta R.T. -0.04 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:163 Resp: 66

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	173.3	8.8	13.2#



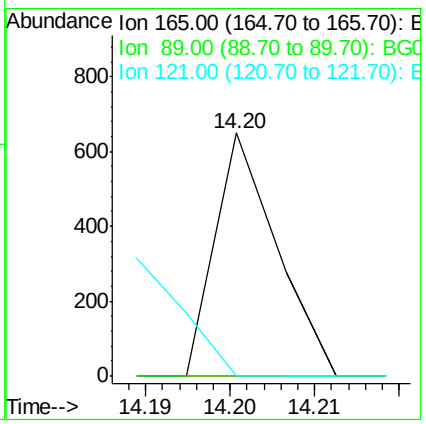


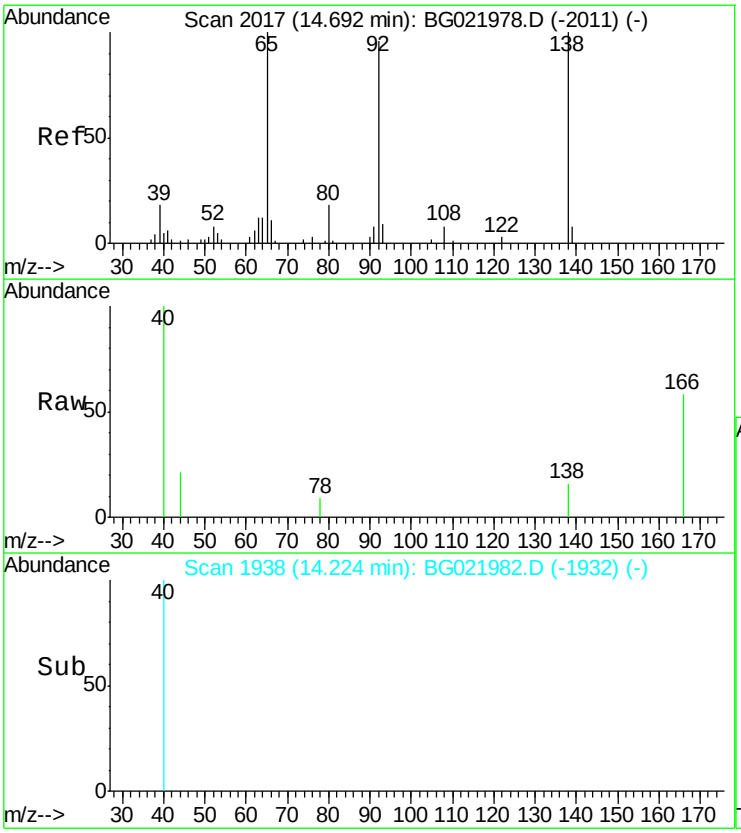
#46
2,6-Dinitrotoluene
Concen: 0.18 ng/ul
RT: 14.20 min Scan# 1934
Delta R.T. -0.16 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:165 Resp: 327

Ion	Ratio	Lower	Upper
165	100		
89	0.0	41.5	62.3#
121	0.0	17.0	25.4#

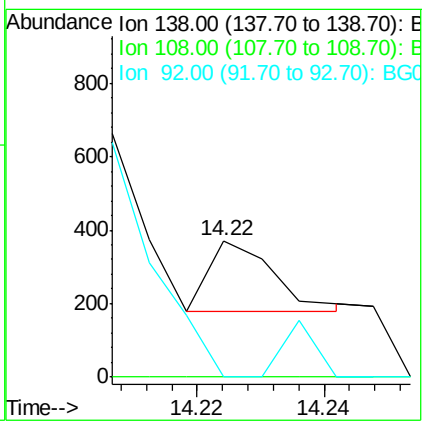


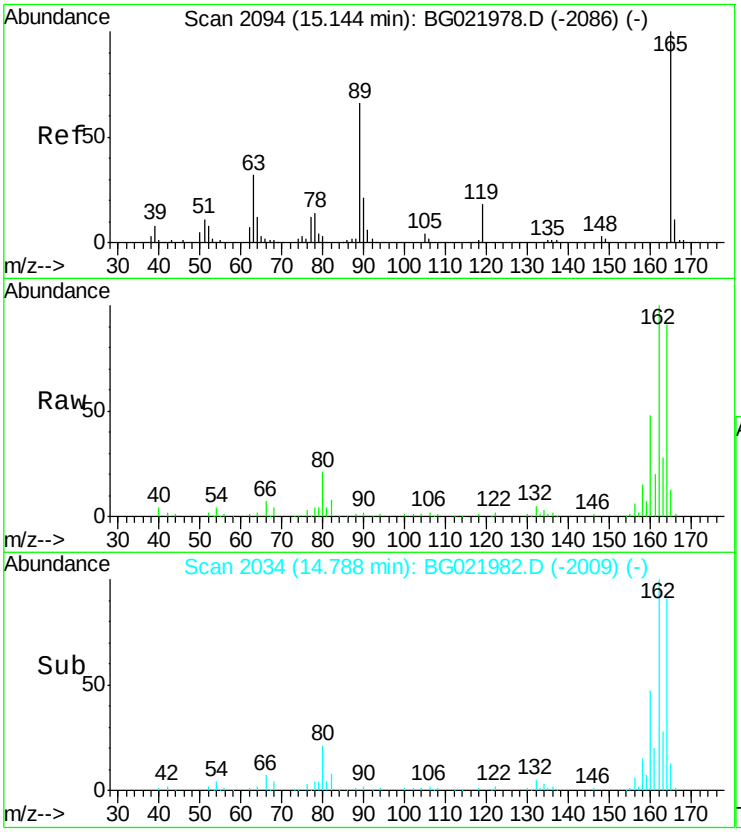


#49
3-Nitroaniline
Concen: 0.08 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.47 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:138 Resp: 134

Ion	Ratio	Lower	Upper
138	100		
108	0.0	6.2	9.2#
92	0.0	79.3	118.9#



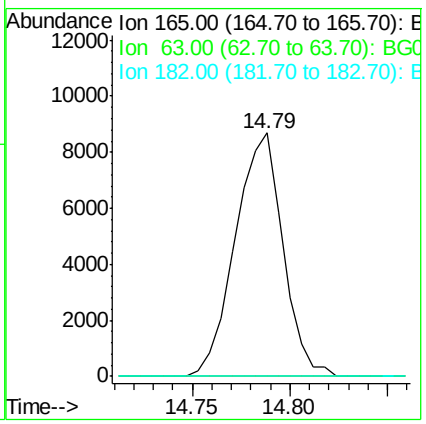


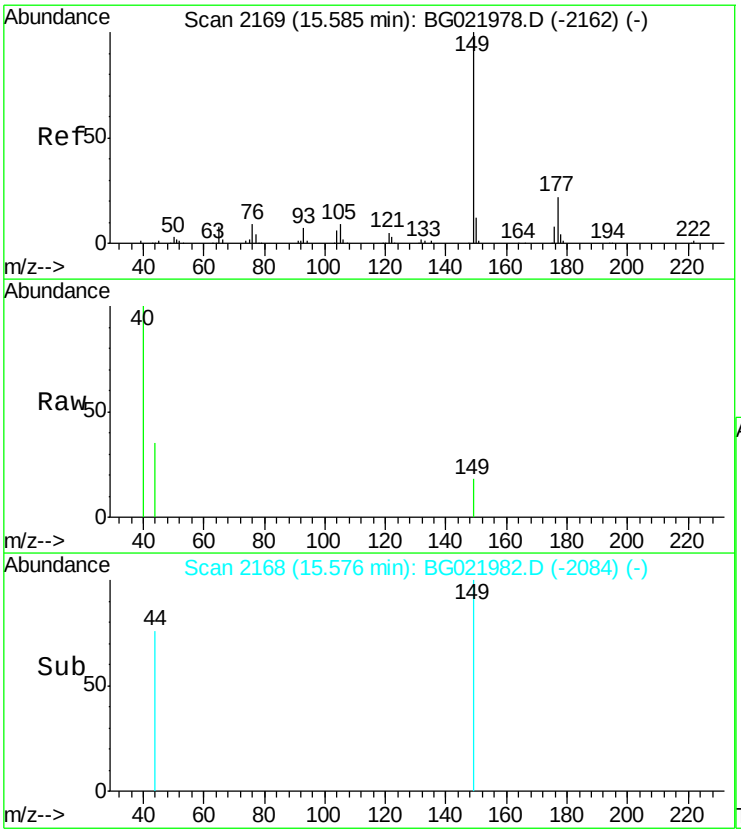
#55
2,4-Dinitrotoluene
Concen: 5.90 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.36 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:165 Resp: 14645

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.7	38.5#
182	0.0	2.1	3.1#

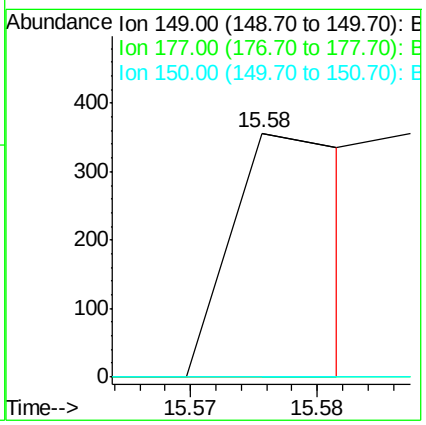


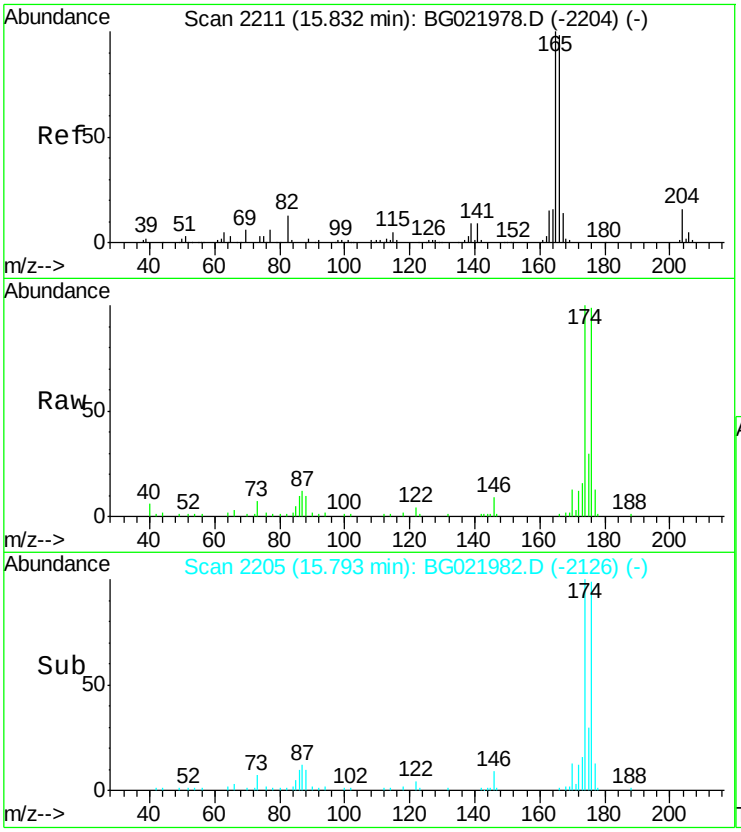


#57
Diethylphthalate
Concen: 0.03 ng/ul
RT: 15.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:149 Resp: 244

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.2#
150	0.0	9.6	14.4#



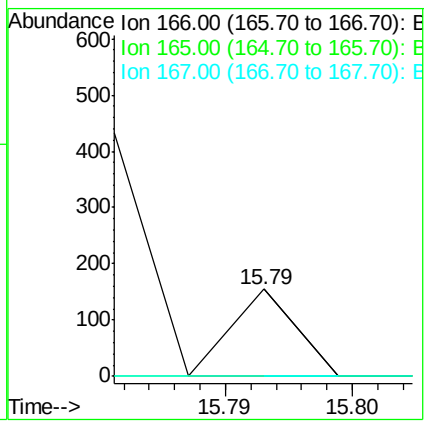


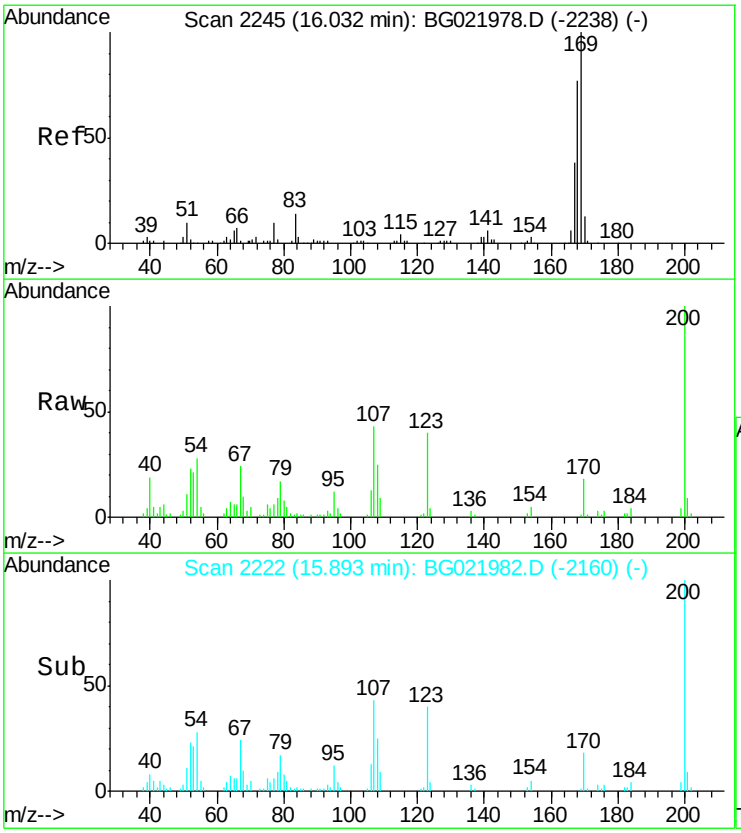
#59
Fluorene
Concen: 0.01 ng/ul
RT: 15.79 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:166 Resp: 55

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.3	120.5#
167	0.0	10.3	15.5#

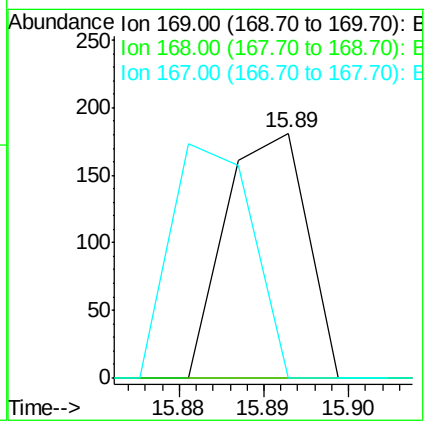


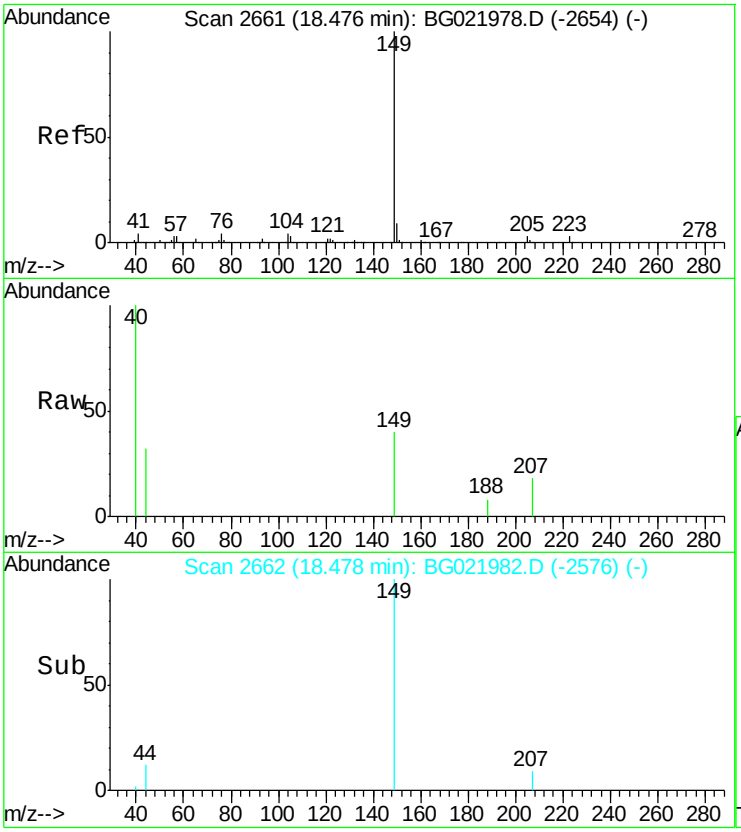


#65
N-Nitrosodiphenylamine
Concen: 0.02 ng/ul
RT: 15.89 min Scan# 2222
Delta R.T. -0.14 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:169 Resp: 121

Ion	Ratio	Lower	Upper
169	100		
168	0.0	59.0	88.6#
167	0.0	30.6	46.0#



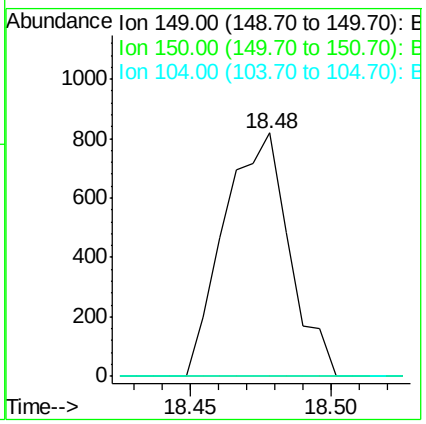


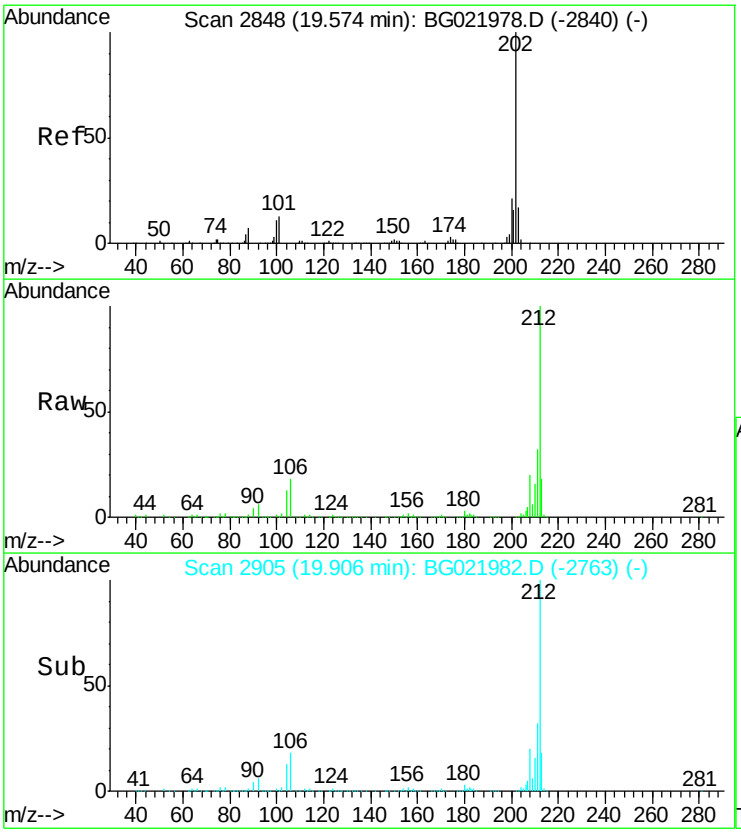
#74
Di-n-butylphthalate
Concen: 0.08 ng/ul
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:149 Resp: 1308

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	3.3	4.9#

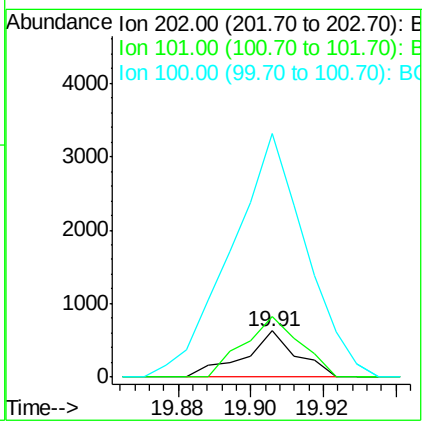


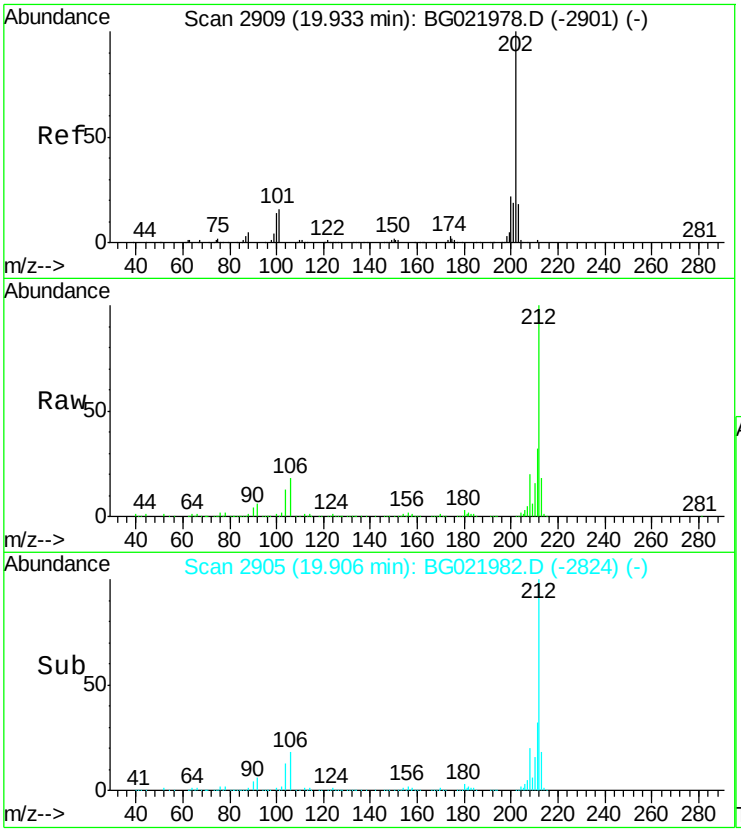


#75
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. 0.33 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:202 Resp: 635

Ion	Ratio	Lower	Upper
202	100		
101	131.4	10.6	16.0#
100	528.4	8.7	13.1#



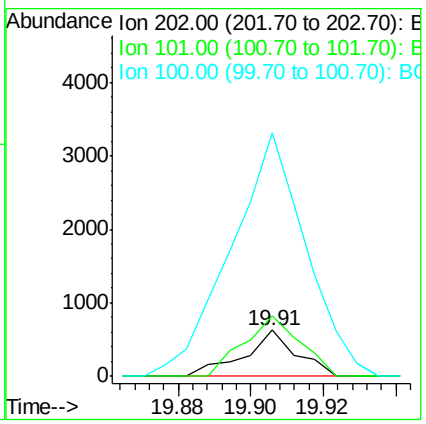


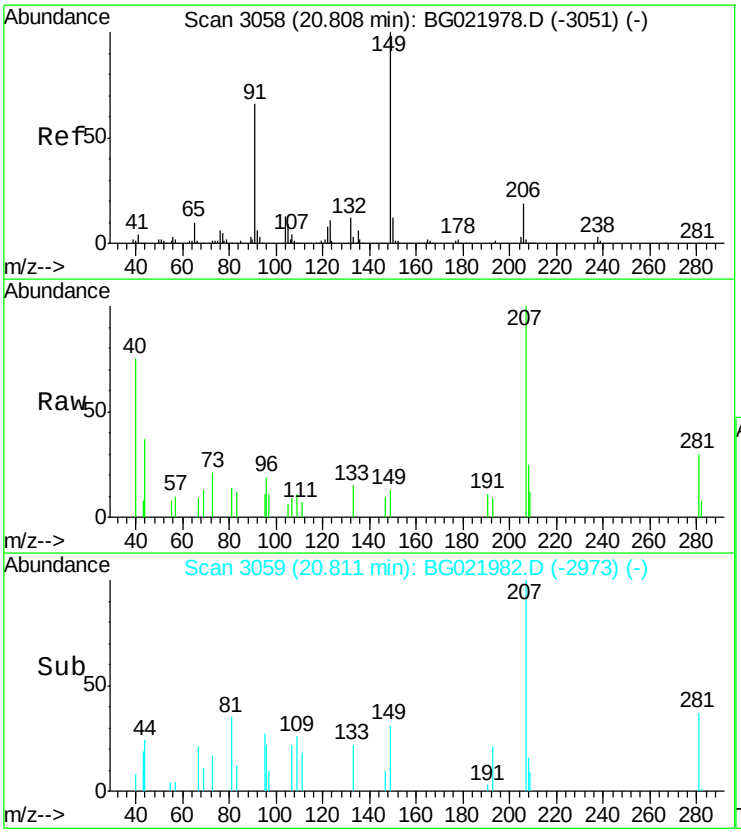
#78
Pyrene
Concen: 0.04 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. -0.03 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:202 Resp: 635

Ion	Ratio	Lower	Upper
202	100		
101	131.4	12.5	18.7#
100	528.4	10.2	15.4#

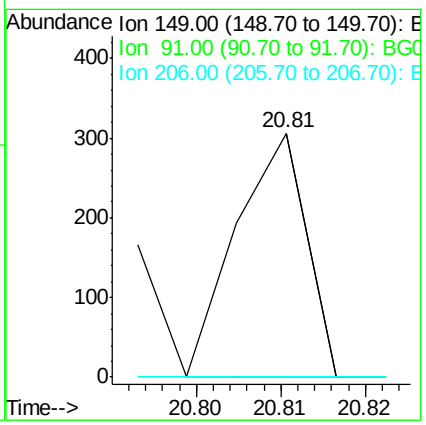


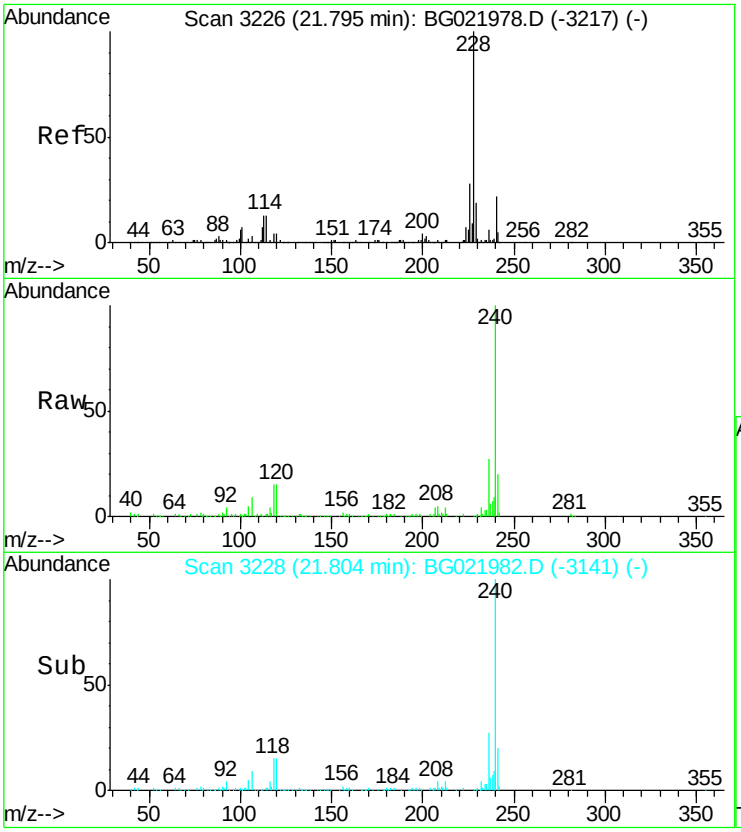


#79
Butylbenzylphthalate
Concen: 0.03 ng/ul
RT: 20.81 min Scan# 3059
Delta R.T. 0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:149 Resp: 176

Ion	Ratio	Lower	Upper
149	100		
91	0.0	54.2	81.4#
206	0.0	14.1	21.1#



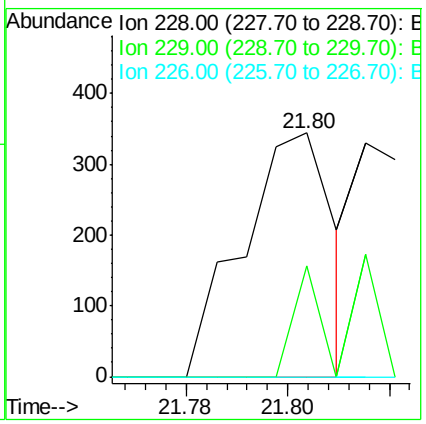


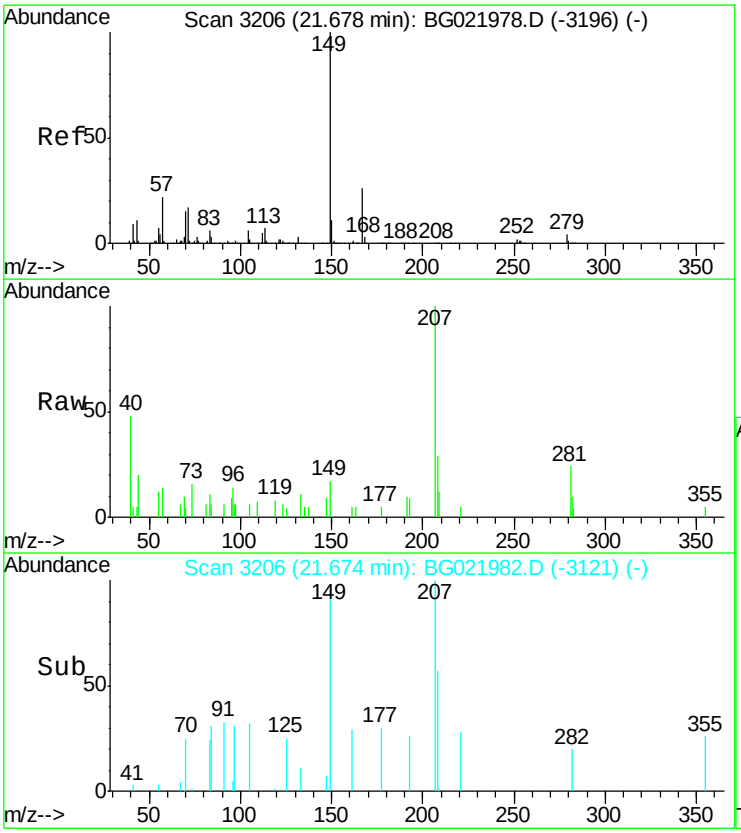
#81
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:228 Resp: 425

Ion	Ratio	Lower	Upper
228	100		
229	45.3	15.4	23.2#
226	0.0	22.8	34.2#

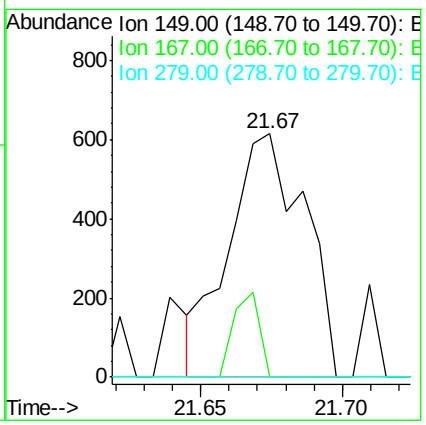


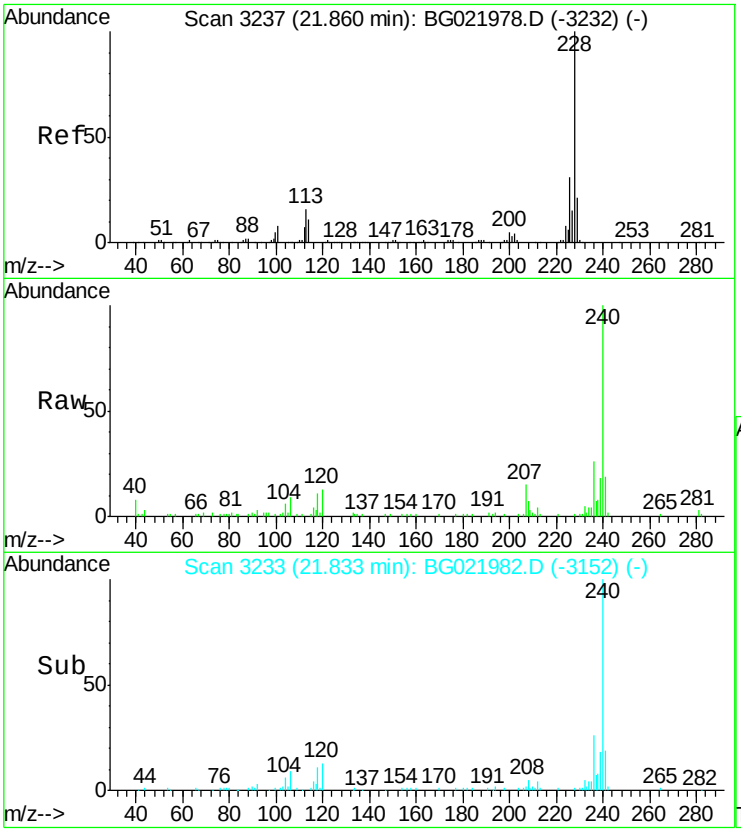


#82
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng/ul
RT: 21.67 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:149 Resp: 1146

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	2.9	4.3#



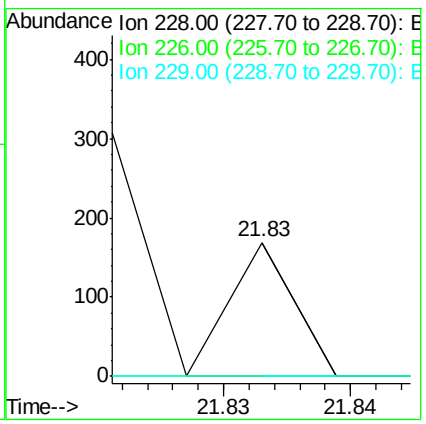


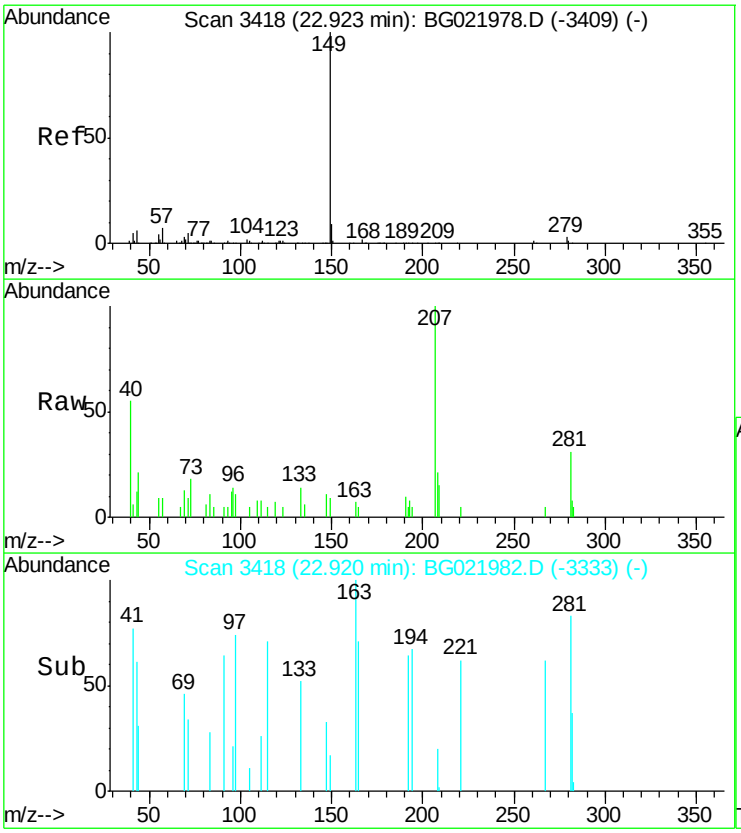
#83
Chrysene
Concen: 0.01 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. -0.03 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:228 Resp: 60

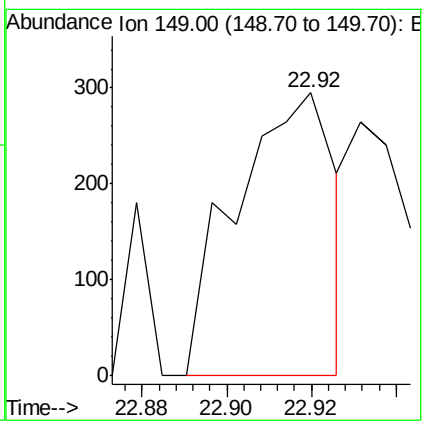
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.4#
229	0.0	15.0	22.6#

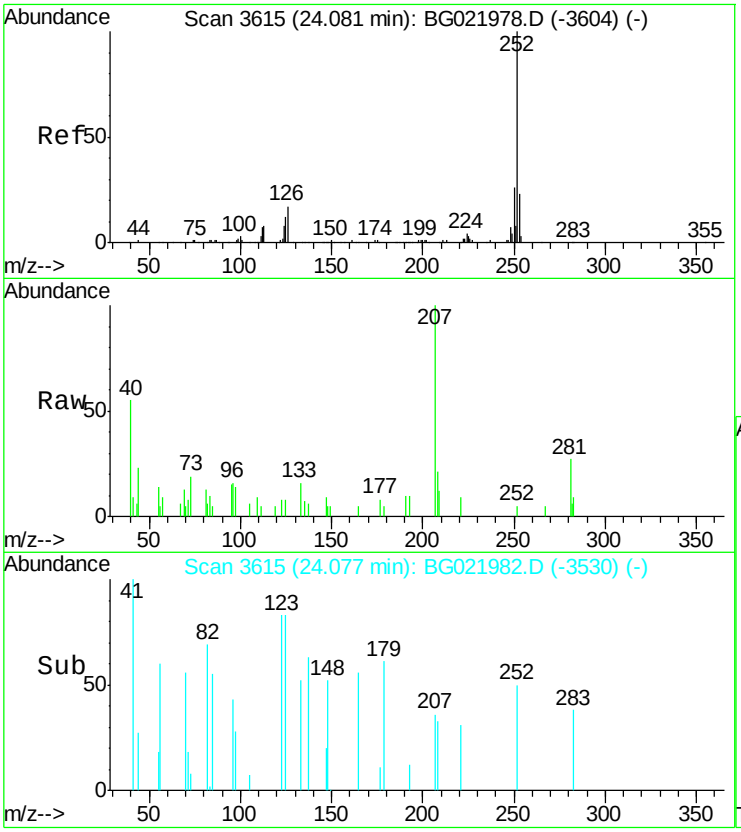




#85
Di-n-octyl phthalate
Concen: 0.03 ng/ul
RT: 22.92 min Scan# 3418
Delta R.T. -0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:149 Resp: 479



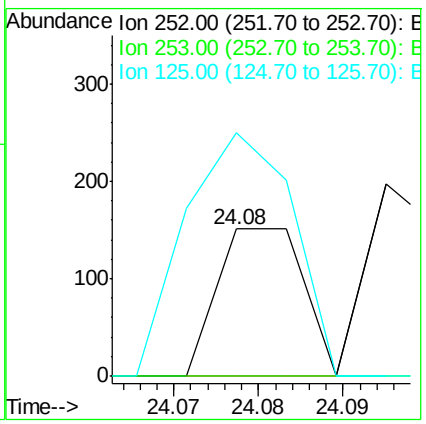


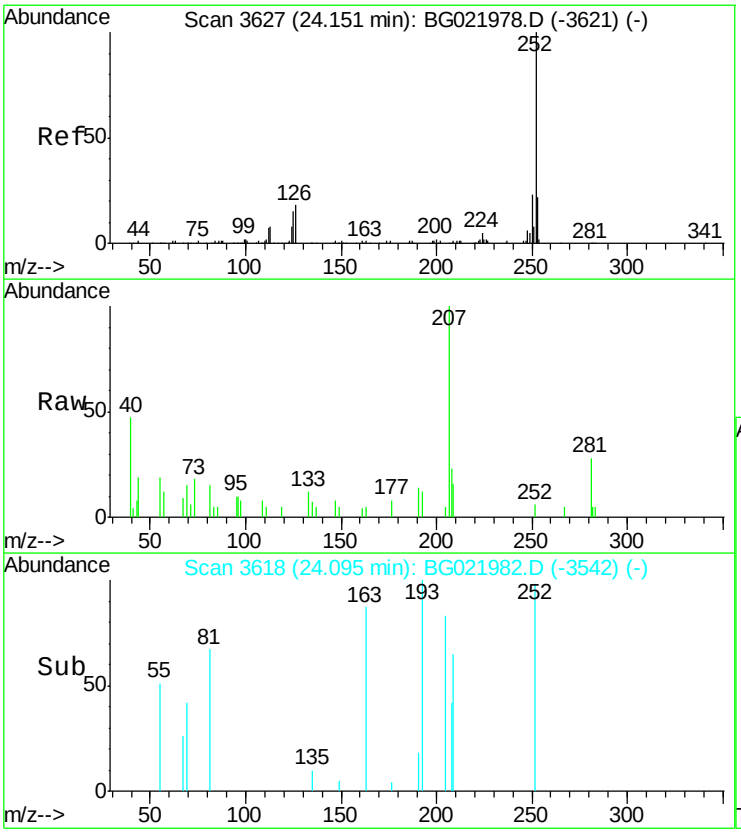
#86
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	165.6	10.8	16.2#

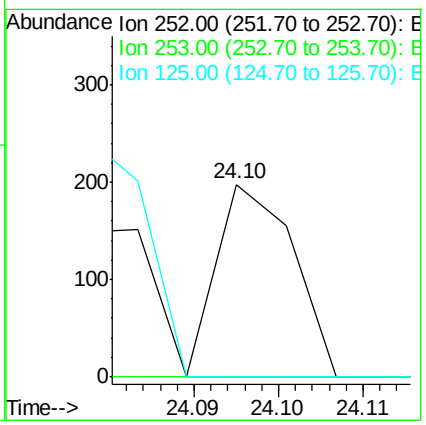


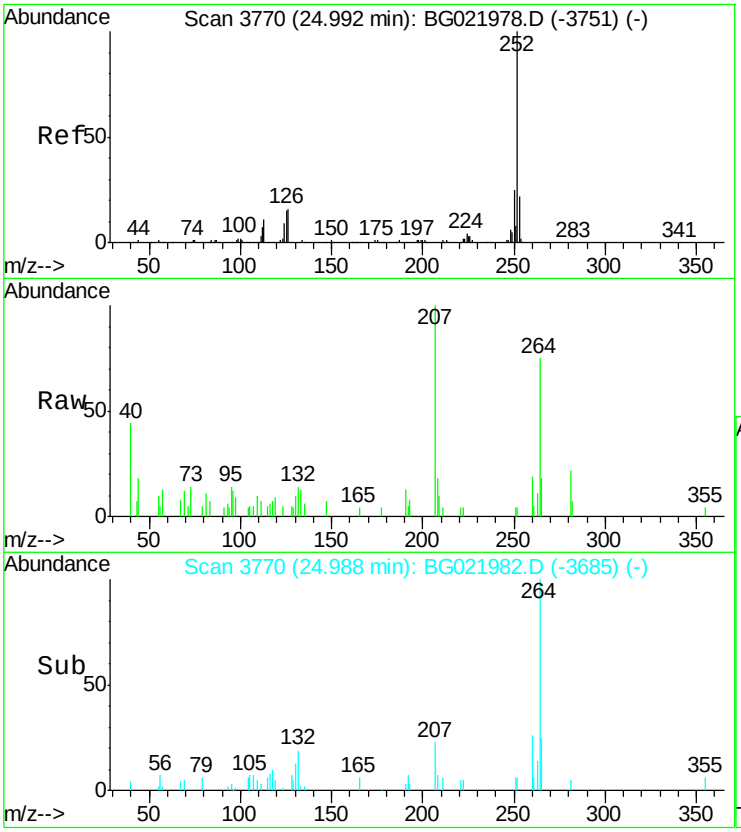


#87
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. -0.06 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Tgt Ion:252 Resp: 124

Ion	Ratio	Lower	Upper
252	100		
253	0.0	15.8	23.6#
125	0.0	10.6	16.0#





#89
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. -0.00 min
Lab File: BG021982.D
Acq: 21 May 2016 18:35

Instrument :
BNA_G
ClientSampleId :
SBLK65

Tgt Ion:252 Resp: 115

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	0.0	12.0	18.0#