Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021986.D
Acq On : 21 May 2016 21:16
Operator : UM/SJ
Sample : H3146-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BD3G2

Quant Time: May 22 06:44:29 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	34450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	183754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	104319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	216566	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	204505	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	186739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1254	1.90	ng/uL	0.00
5) Phenol-d5	7.31	99	24455	7.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	52823	32.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	71924	27.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	48795	18.48	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	45191	33.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	49554	33.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	74612	28.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	2631	0.93	ng/ul	0.02
44) Dimethylphthalate-d6	14.18	166	289667	36.97	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	387613	35.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	2683	1.99	ng/ul	0.01
58) Fluorene-d10	15.77	176	263205	35.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	34734	30.68	ng/ul	-0.01
71) Anthracene-d10	17.62	188	387369	37.16	ng/ul	0.00
77) Pyrene-d10	19.90	212	426685	37.00	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	333791	38.52	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	422	0.35	ng/uL#	30
4) Benzaldehyde	7.69	77	1135	0.66	ng/ul#	63
8) Bis(2-Chloroethyl)ether	7.57	93	159	0.07	ng/ul#	23
15) N-Nitroso-di-n-propylamine	8.86	70	979	0.51	ng/ul#	1
21) Isophorone	9.88	82	176	0.03	ng/ul#	64
25) Bis(2-Chloroethoxy)methane	10.60	93	115	0.03	ng/ul#	49
28) Naphthalene	10.60	128	248	0.03	ng/ul#	1
43) 2-Nitroaniline	14.18	65	703	0.49	ng/ul#	1
45) Dimethylphthalate	14.18	163	119	0.02	ng/ul#	1
46) 2,6-Dinitrotoluene	14.78	165	13685	8.10	ng/ul#	36
49) 3-Nitroaniline	14.23	138	316	0.20	ng/ul#	6
55) 2,4-Dinitrotoluene	14.78	165	13685	6.01	ng/ul#	46
57) Diethylphthalate	15.59	149	269	0.03	ng/ul#	59
59) Fluorene	15.77	166	544	0.07	ng/ul#	8
65) N-Nitrosodiphenylamine	15.90	169	54	0.01	ng/ul#	21
74) Di-n-butylphthalate	18.47	149	1480	0.10	ng/ul#	79
75) Fluoranthene	19.90	202	582	0.05	ng/ul#	1
78) Pyrene	19.90	202	582	0.04	ng/ul#	1
79) Butylbenzylphthalate	20.80	149	113	0.02	ng/ul#	25
81) Benzo(a)anthracene	21.81	228	438	0.04	ng/ul#	29
82) Bis(2-ethylhexyl)phthalate	21.67	149	997	0.10	ng/ul#	52
83) Chrysene	21.81	228	438	0.04	ng/ul#	28
85) Di-n-octyl phthalate	22.92	149	227	0.01	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021986.D
Acq On : 21 May 2016 21:16
Operator : UM/SJ
Sample : H3146-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BD3G2

Quant Time: May 22 06:44:29 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)
89) Benzo(a)pyrene	24.95	252	121	0.01	ng/ul#	1

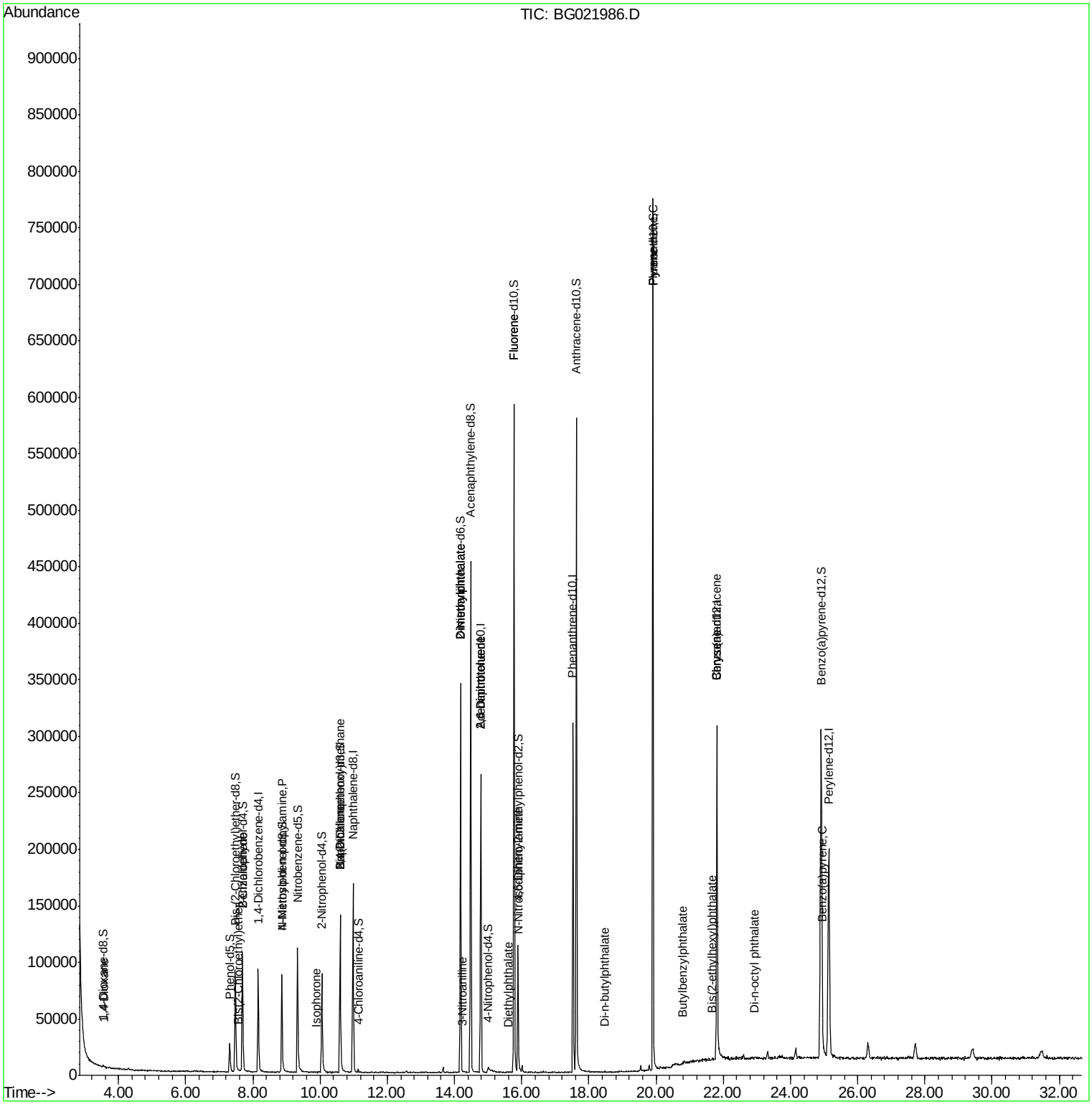
(#) = qualifier out of range (m) = manual integration (+) = signals summed

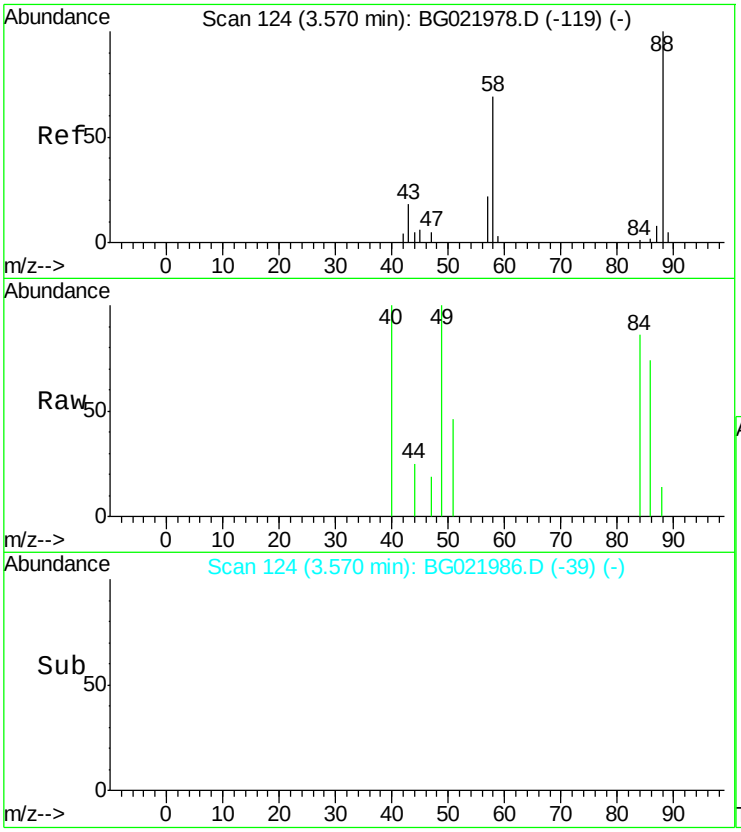
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021986.D
Acq On : 21 May 2016 21:16
Operator : UM/SJ
Sample : H3146-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD3G2

Quant Time: May 22 06:44:29 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



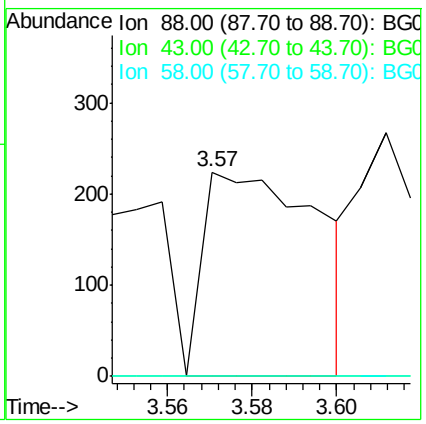


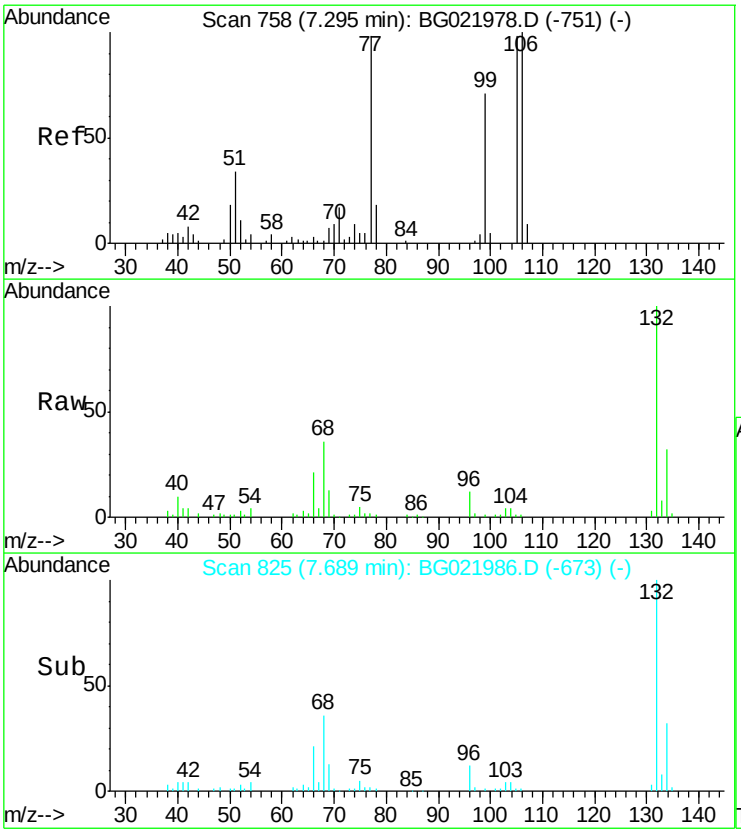
#2
1,4-Dioxane
Concen: 0.35 ng/uL
RT: 3.57 min Scan# 124
Delta R.T. 0.00 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion: 88 Resp: 422

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

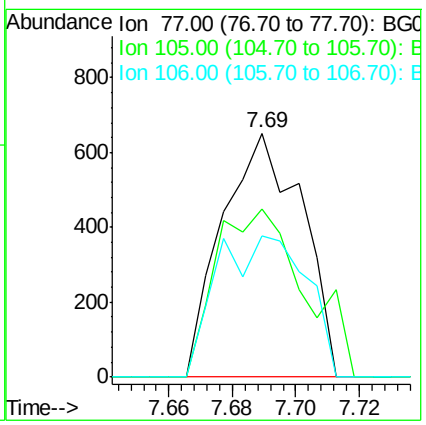


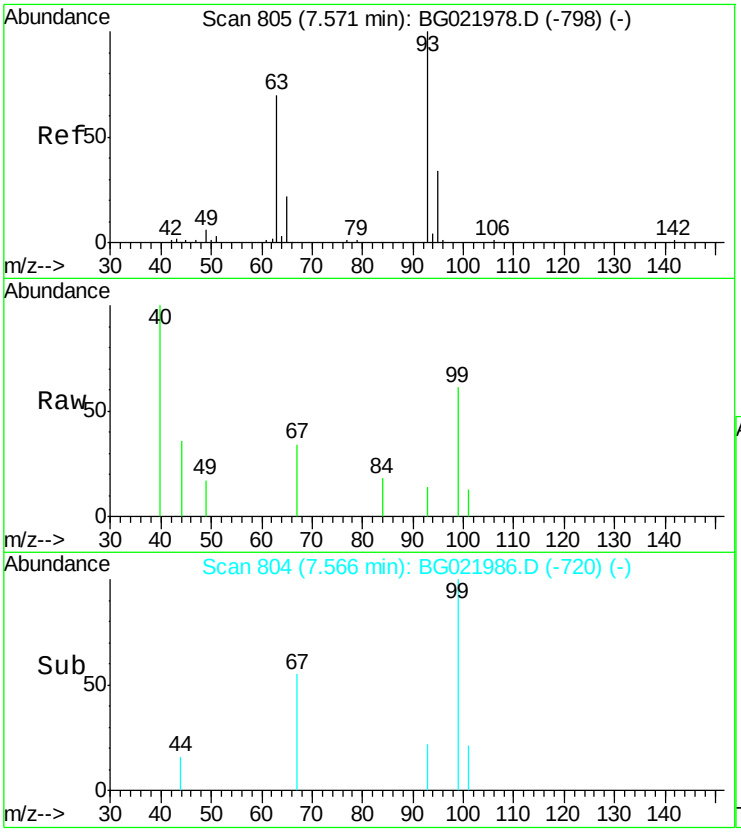


#4
Benzaldehyde
Concen: 0.66 ng/ul
RT: 7.69 min Scan# 825
Delta R.T. 0.39 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion: 77 Resp: 1135

Ion	Ratio	Lower	Upper
77	100		
105	69.0	83.8	125.8#
106	58.1	77.9	116.9#



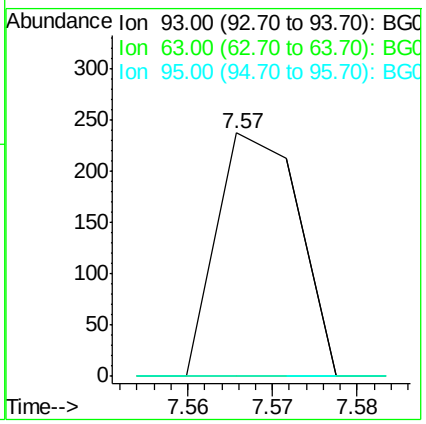


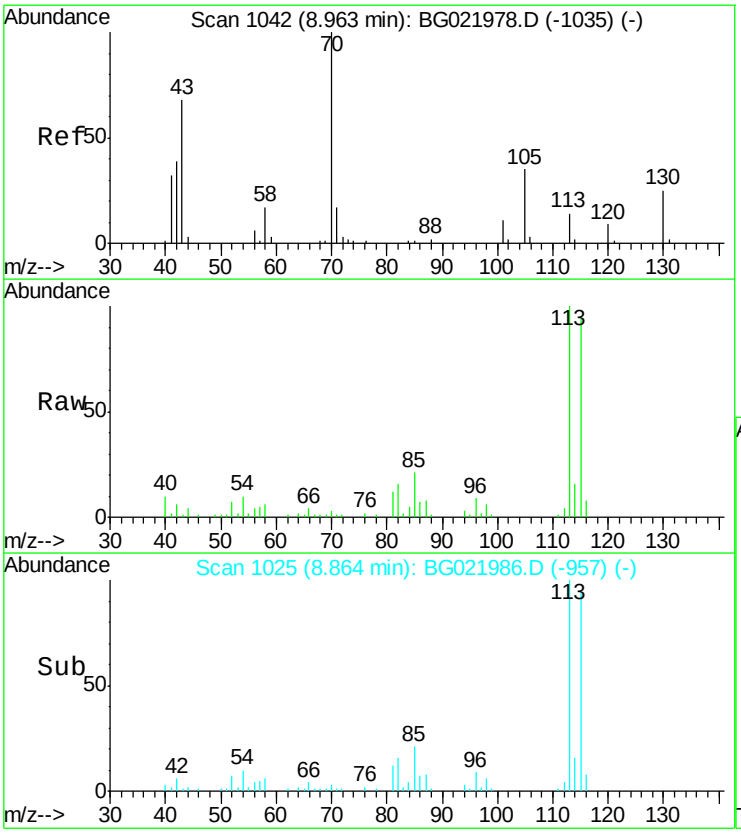
#8
Bis(2-Chloroethyl)ether
Concen: 0.07 ng/ul
RT: 7.57 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion: 93 Resp: 159

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

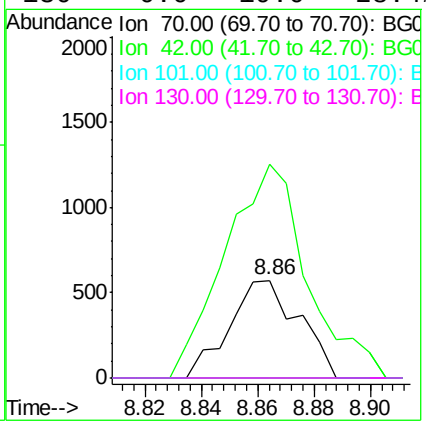


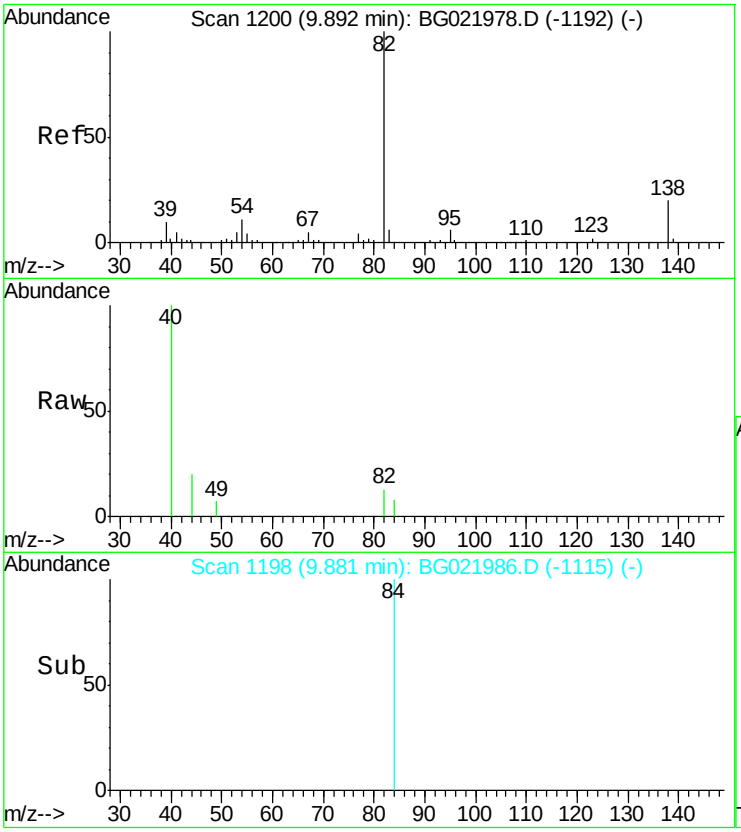


#15
N-Nitroso-di-n-propylamine
Concen: 0.51 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. -0.10 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion: 70 Resp: 979

Ion	Ratio	Lower	Upper
70	100		
42	219.4	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#



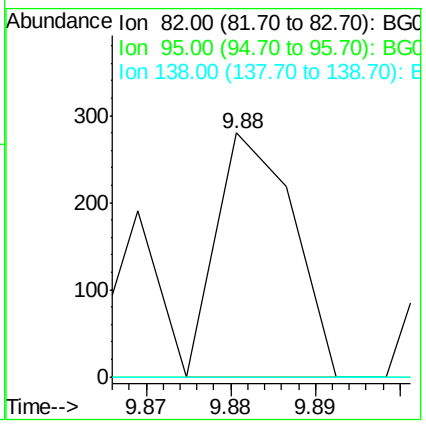


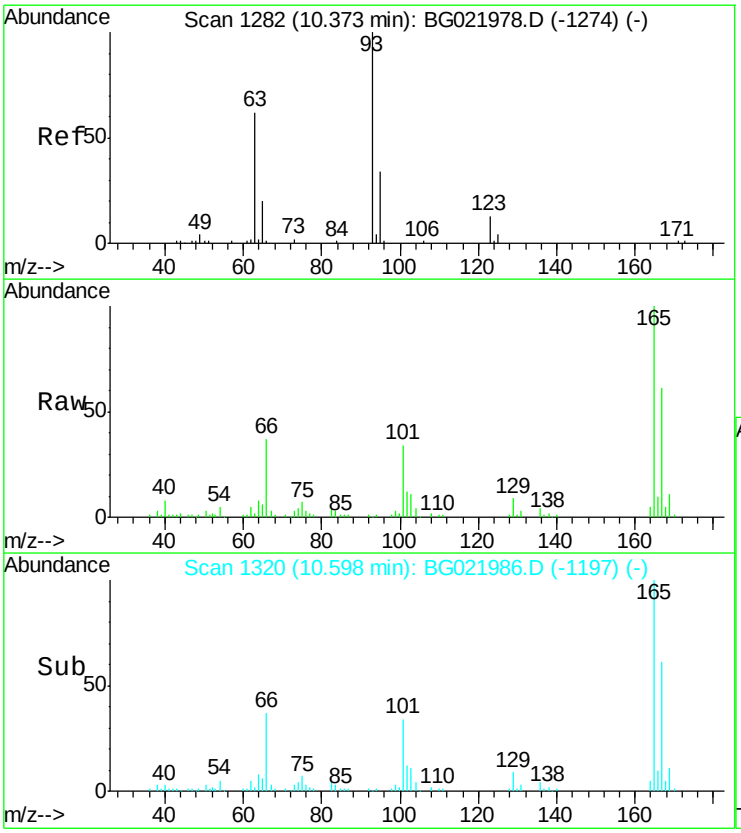
#21
Isophorone
Concen: 0.03 ng/ul
RT: 9.88 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion: 82 Resp: 176

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

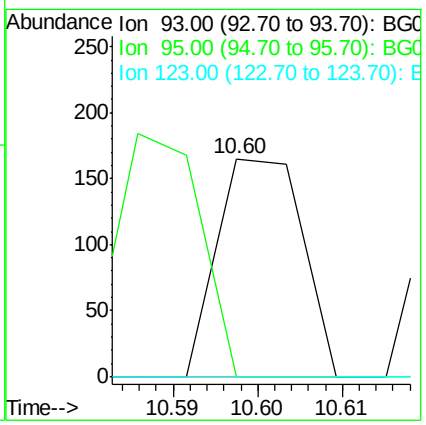


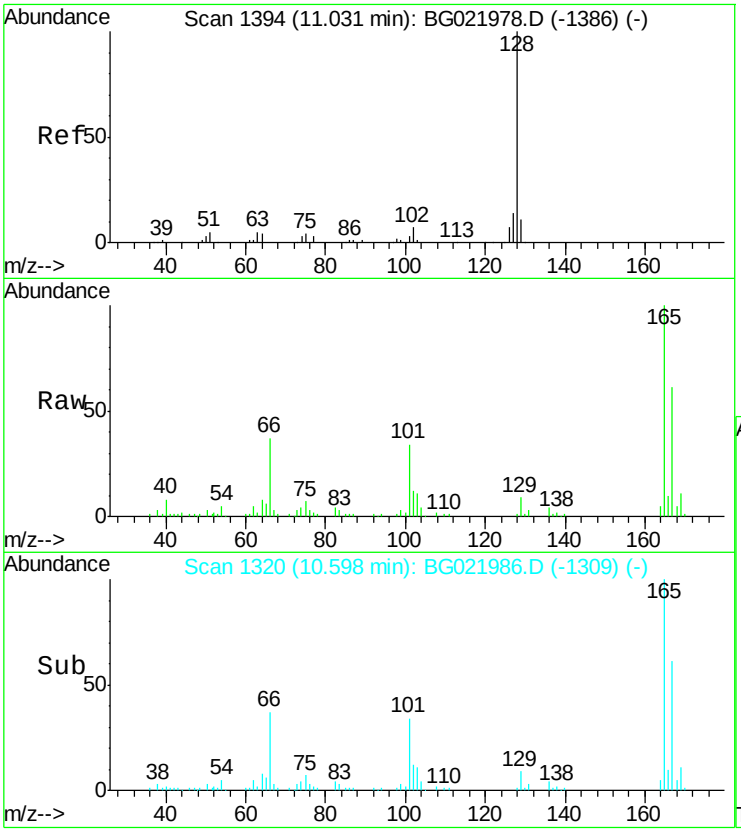


#25
Bis(2-Chloroethoxy)methane
Concen: 0.03 ng/ul
RT: 10.60 min Scan# 1320
Delta R.T. 0.22 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion: 93 Resp: 115

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.0	39.0#
123	0.0	10.1	15.1#



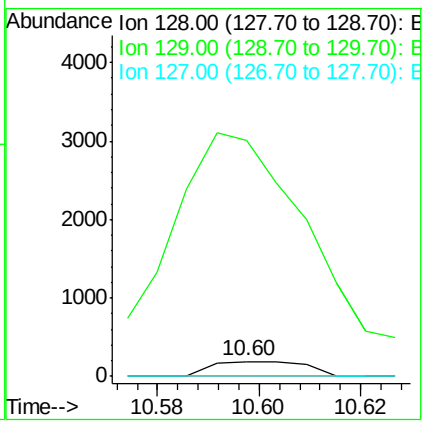


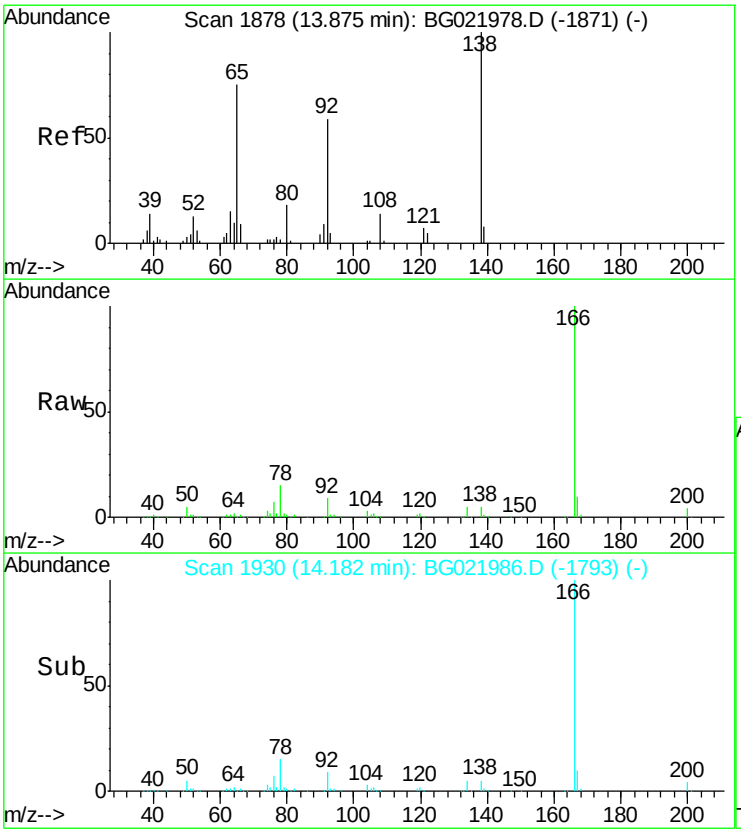
#28
Naphthalene
Concen: 0.03 ng/ul
RT: 10.60 min Scan# 1320
Delta R.T. -0.43 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:128 Resp: 248

Ion	Ratio	Lower	Upper
128	100		
129	1559.1	9.4	14.2#
127	0.0	11.2	16.8#

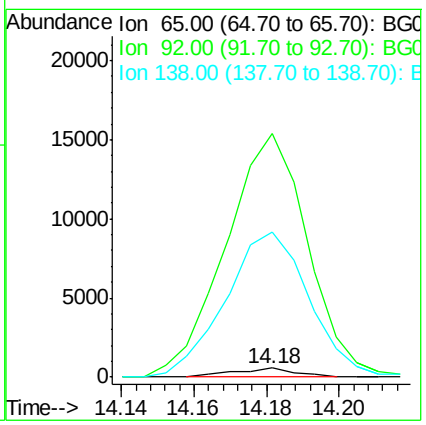


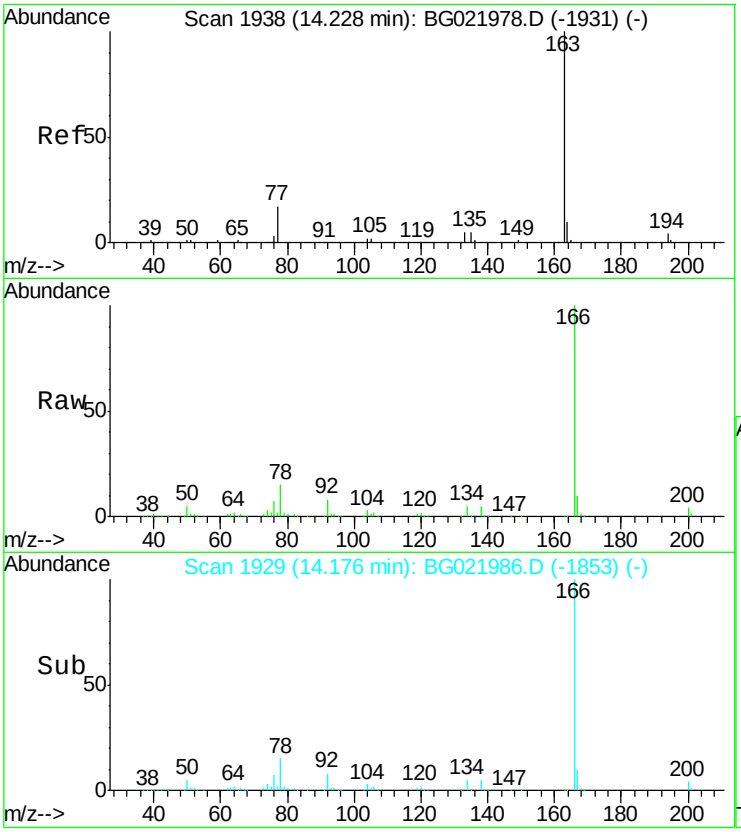


#43
2-Nitroaniline
Concen: 0.49 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.31 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion: 65 Resp: 703

Ion	Ratio	Lower	Upper
65	100		
92	2714.3	67.1	100.7#
138	1619.0	109.6	164.4#



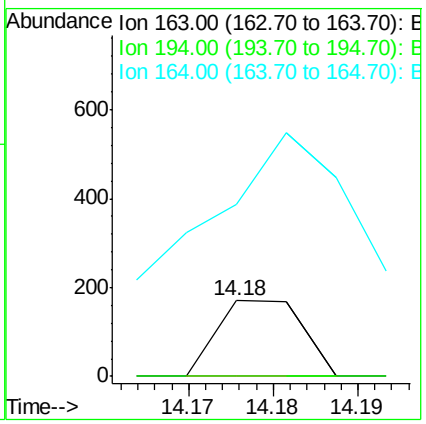


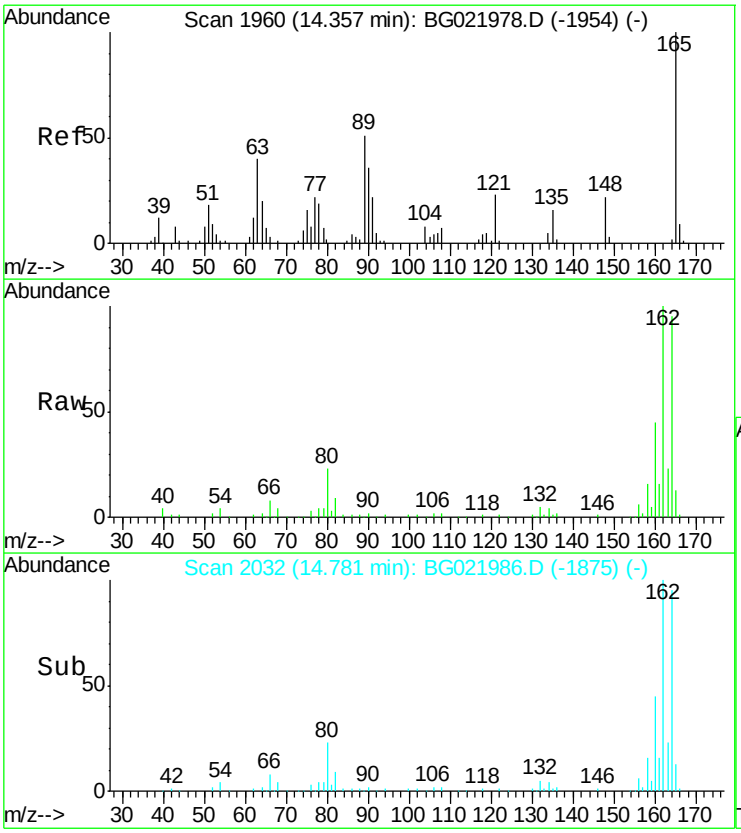
#45
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 14.18 min Scan# 1929
Delta R.T. -0.05 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:163 Resp: 119

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	227.6	8.8	13.2#

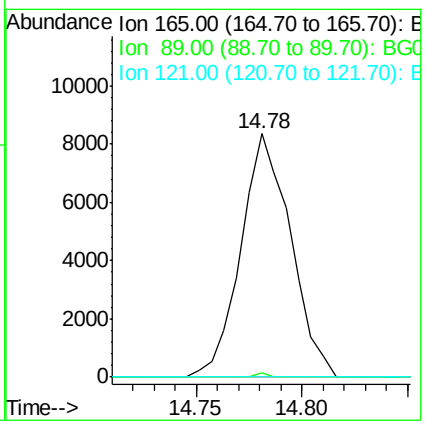


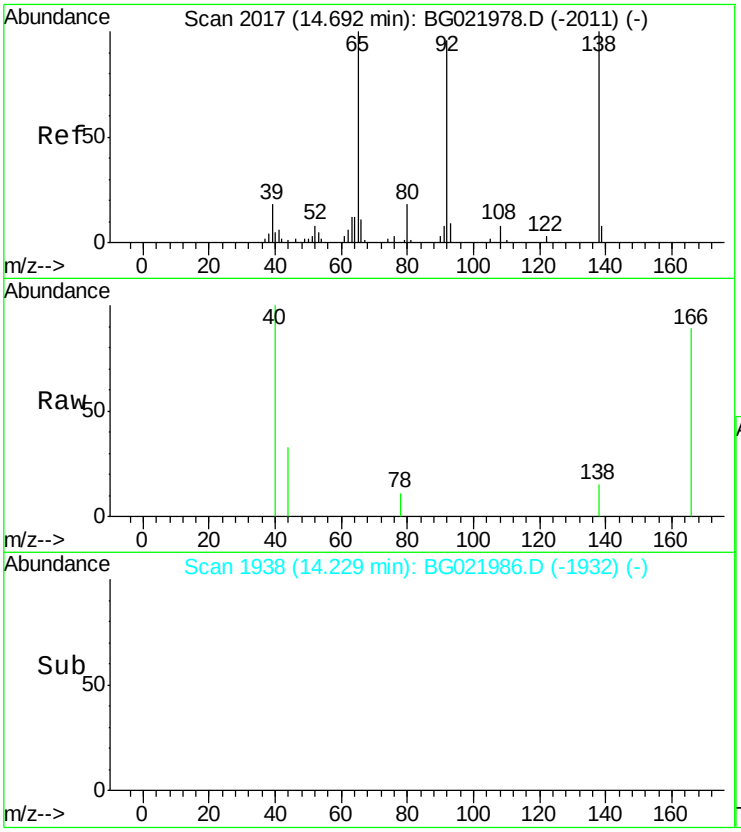


#46
2,6-Dinitrotoluene
Concen: 8.10 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. 0.42 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:165 Resp: 13685

Ion	Ratio	Lower	Upper
165	100		
89	1.8	41.5	62.3#
121	0.0	17.0	25.4#



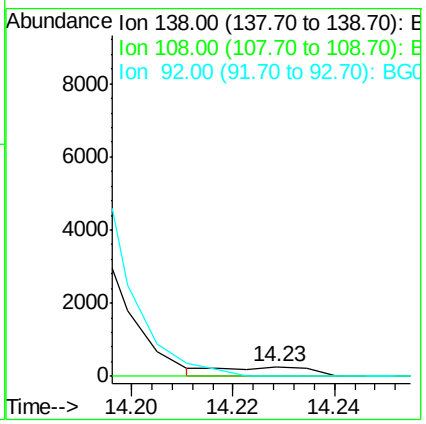


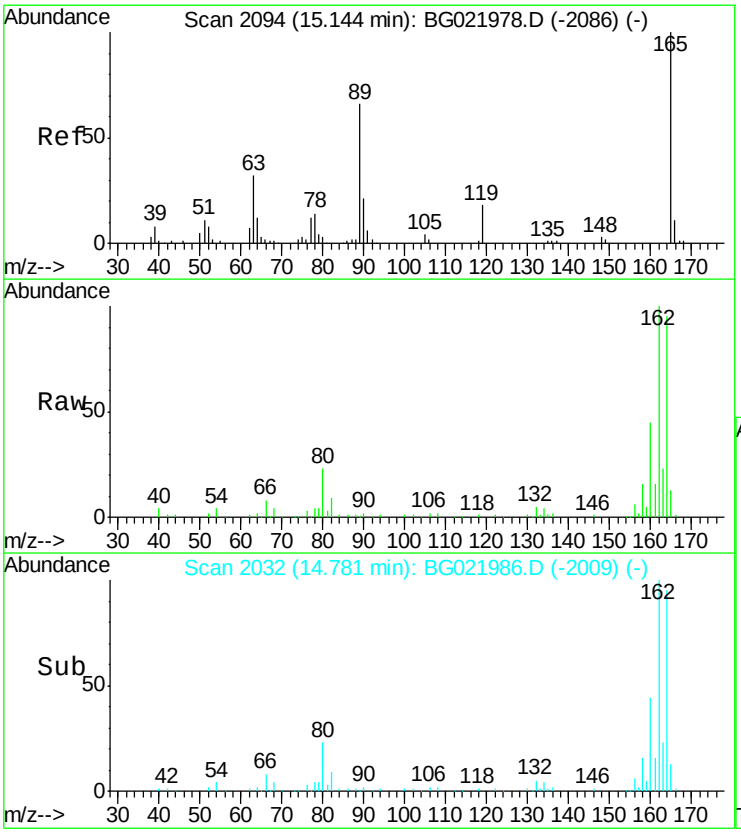
#49
3-Nitroaniline
Concen: 0.20 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.46 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:138 Resp: 316

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

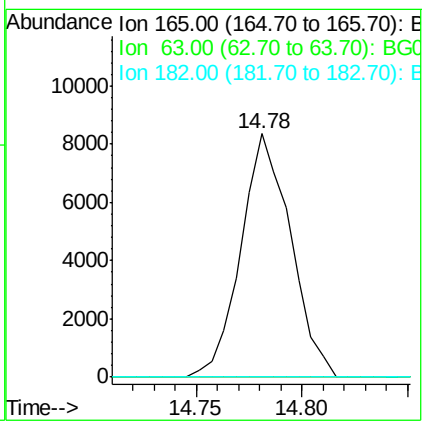


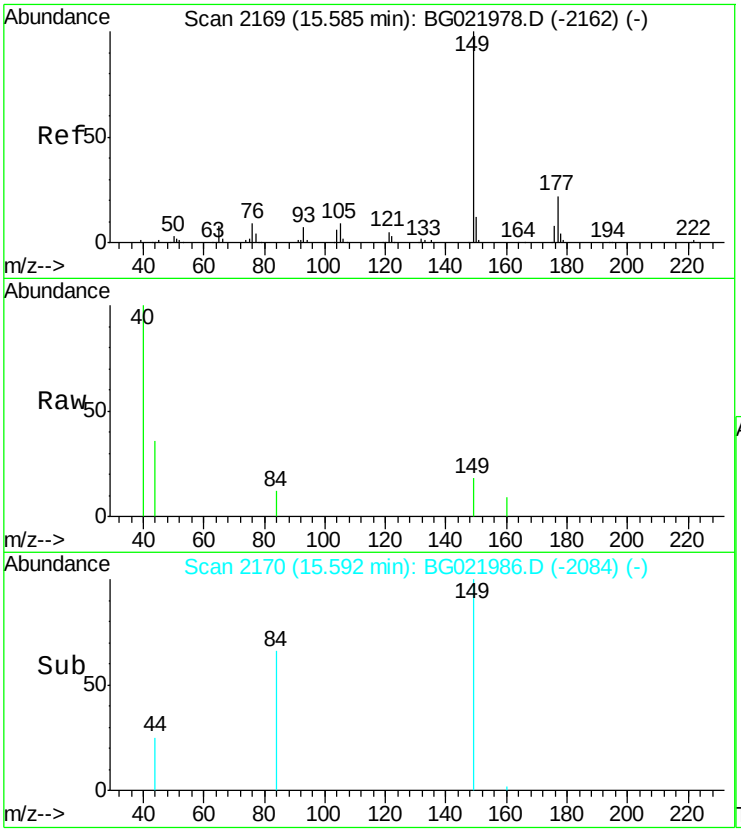


#55
2,4-Dinitrotoluene
Concen: 6.01 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.36 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:165 Resp: 13685

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



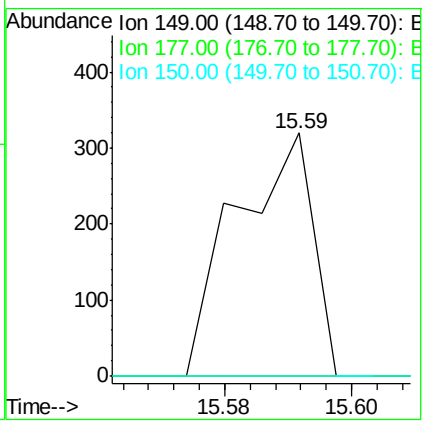


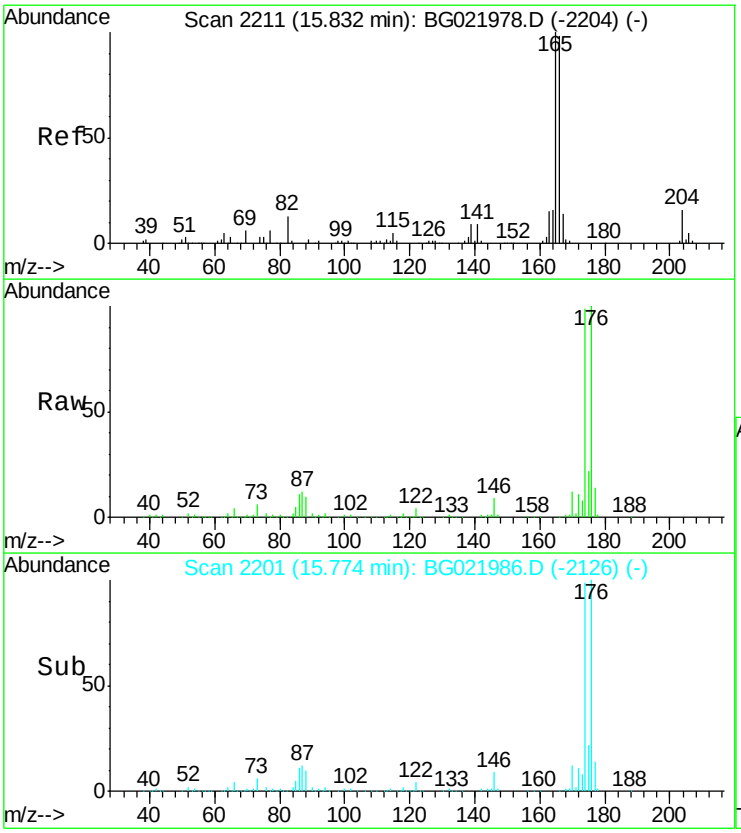
#57
Diethylphthalate
Concen: 0.03 ng/ul
RT: 15.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:149 Resp: 269

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

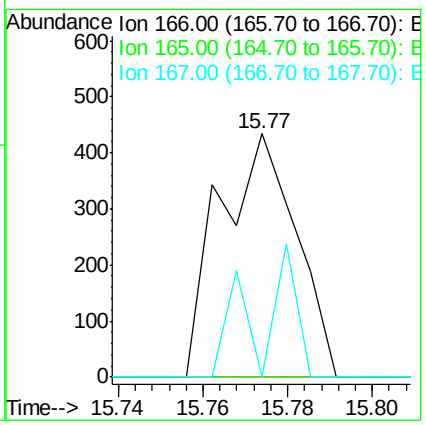


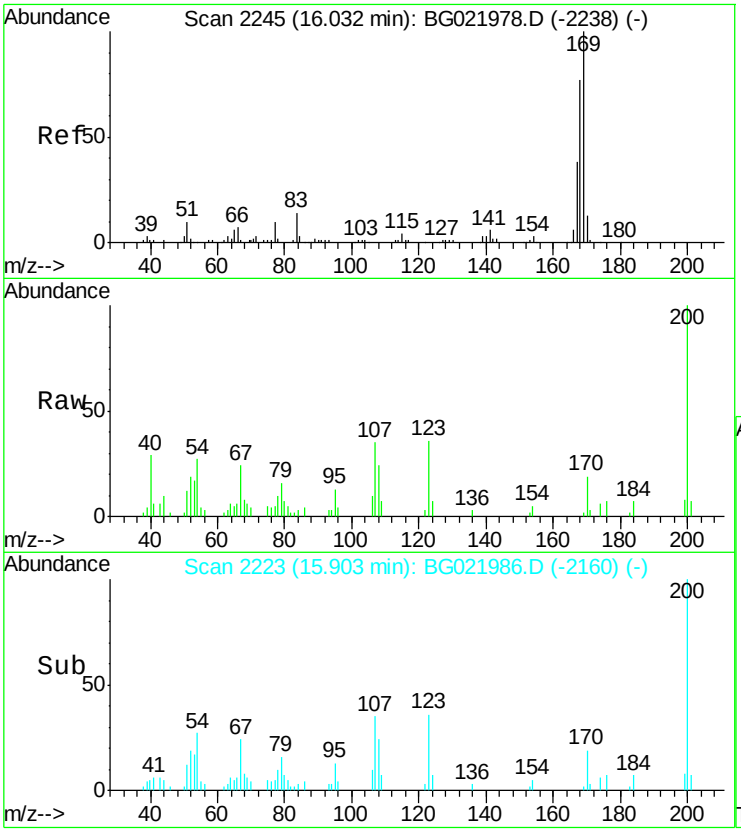


#59
Fluorene
Concen: 0.07 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.06 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:166 Resp: 544

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



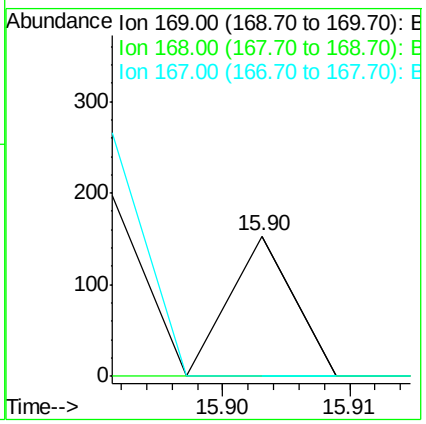


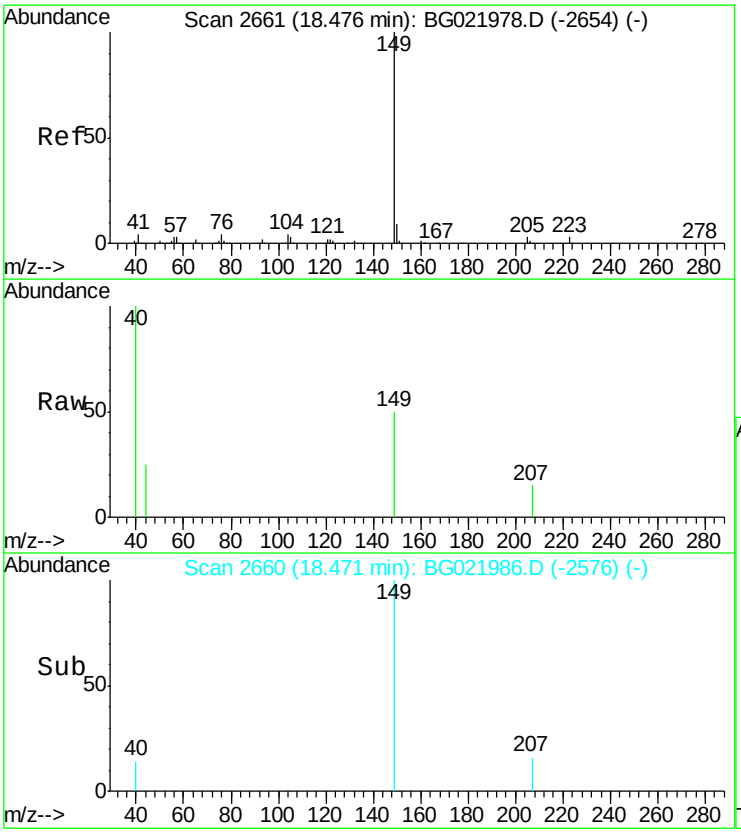
#65
N-Nitrosodiphenylamine
Concen: 0.01 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.13 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:169 Resp: 54

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

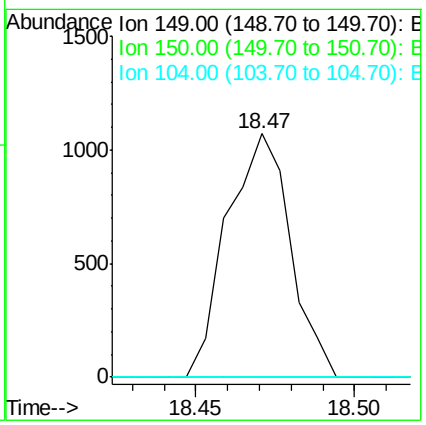


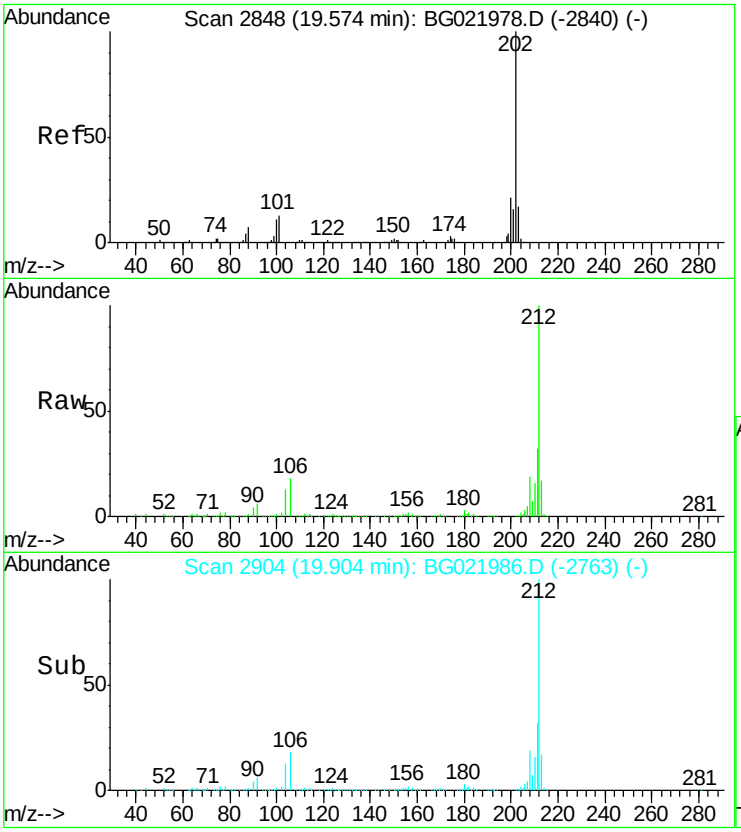


#74
Di-n-butylphthalate
Concen: 0.10 ng/ul
RT: 18.47 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:149 Resp: 1480

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



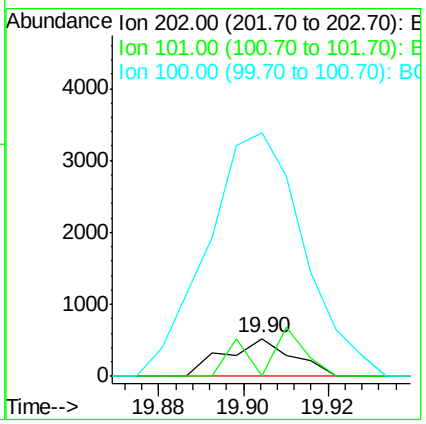


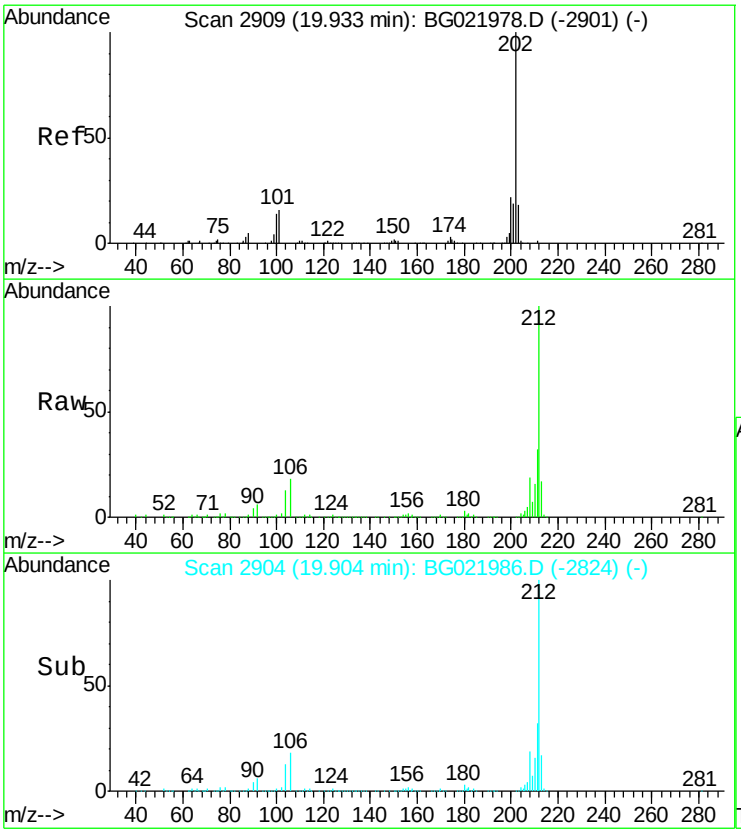
#75
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. 0.33 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:202 Resp: 582

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	644.6	8.7	13.1#

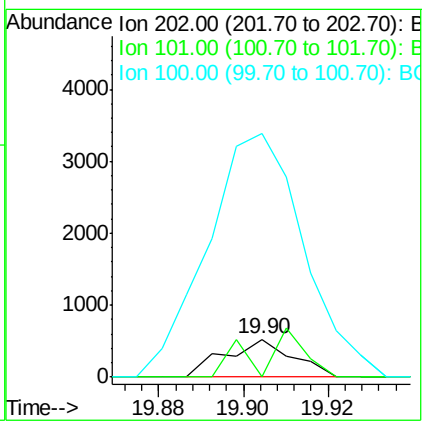


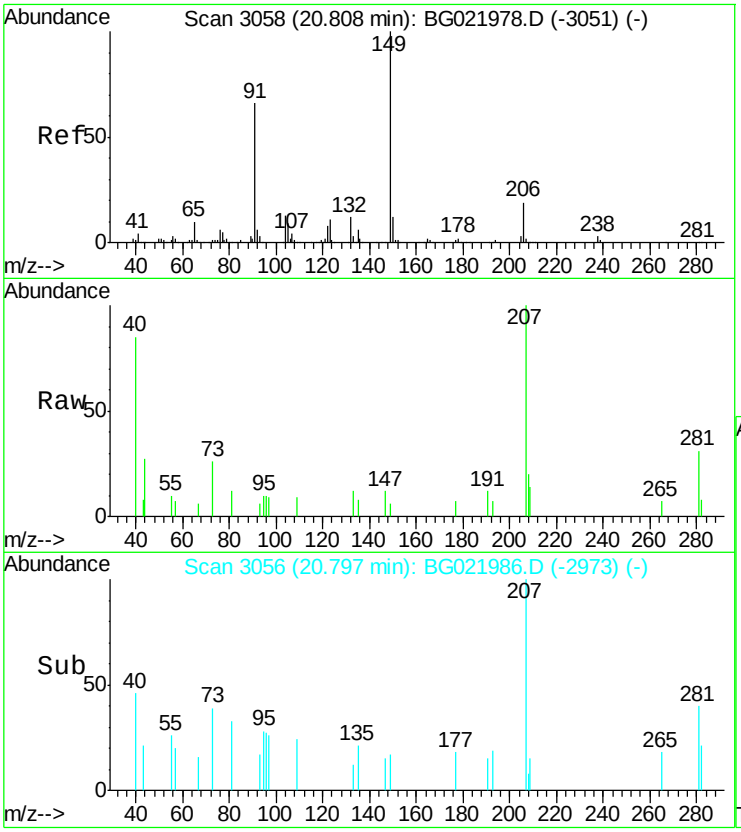


#78
Pyrene
Concen: 0.04 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. -0.03 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:202 Resp: 582

Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	644.6	10.2	15.4#



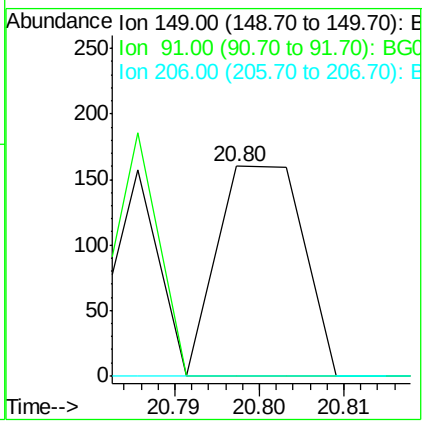


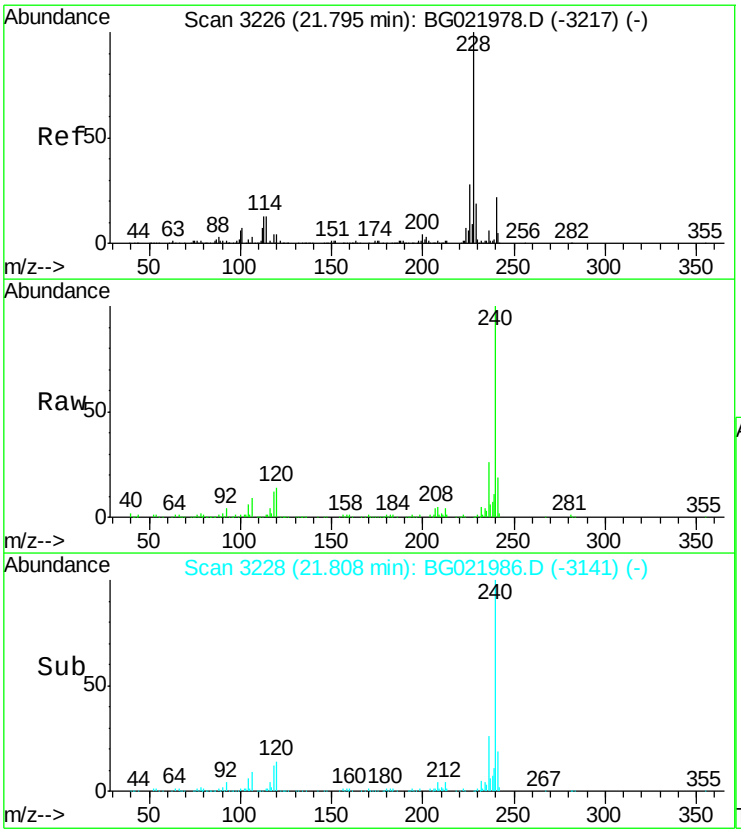
#79
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.80 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:149 Resp: 113

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

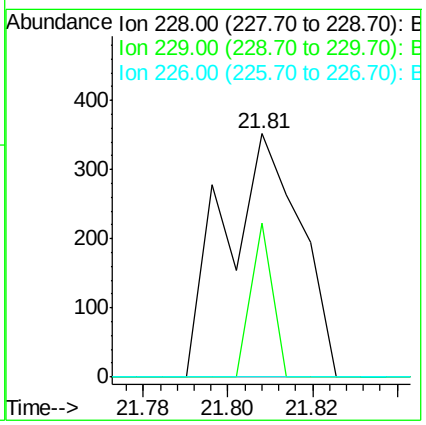


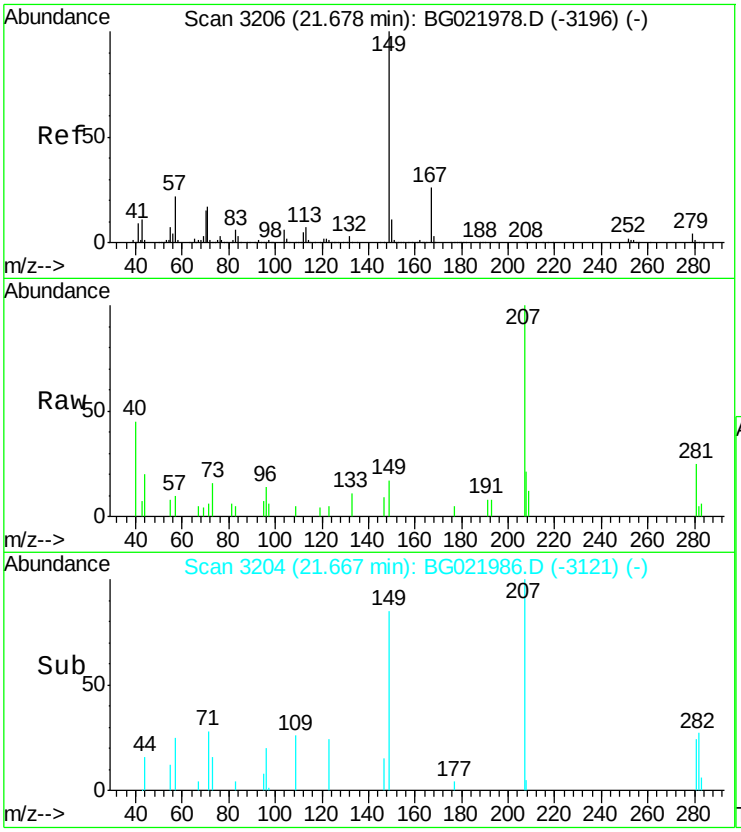


#81
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:228 Resp: 438

Ion	Ratio	Lower	Upper
228	100		
229	63.4	15.4	23.2#
226	0.0	22.8	34.2#



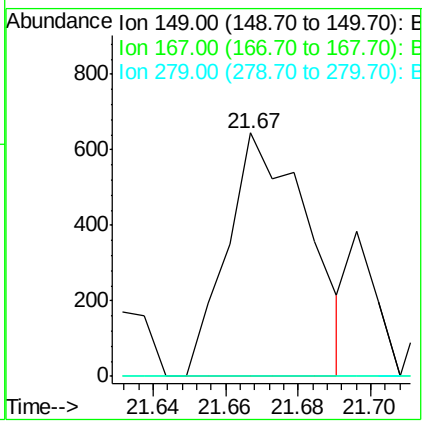


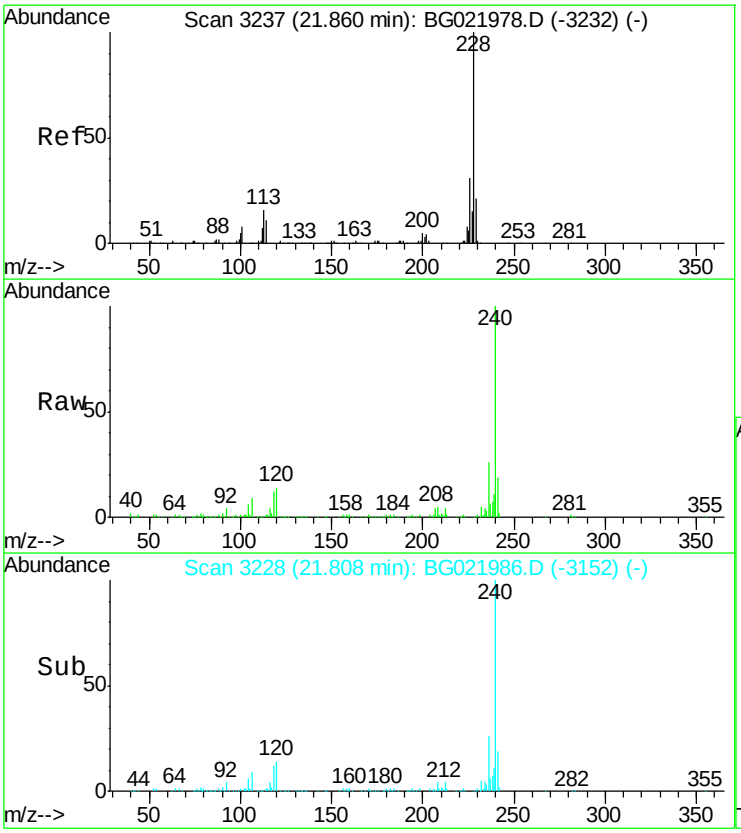
#82
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng/ul
RT: 21.67 min Scan# 3204
Delta R.T. -0.01 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:149 Resp: 997

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

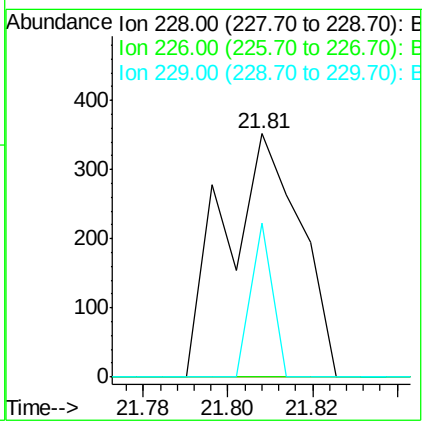


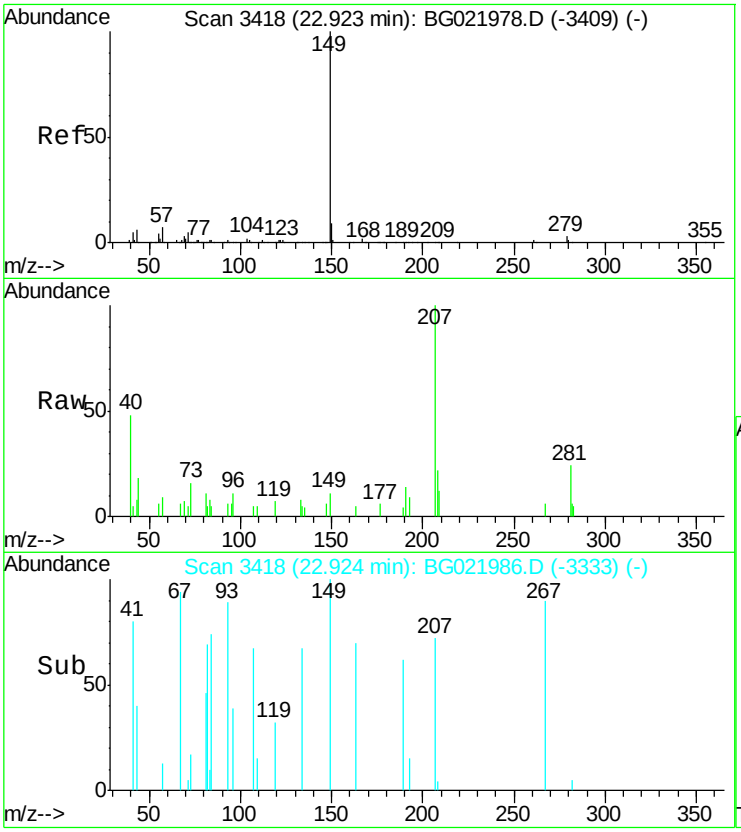


#83
Chrysene
Concen: 0.04 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. -0.05 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:228 Resp: 438

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.4#
229	63.4	15.0	22.6#

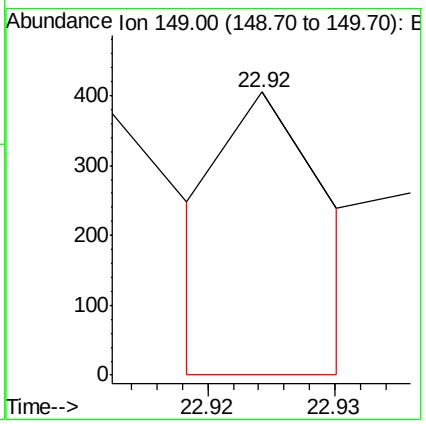


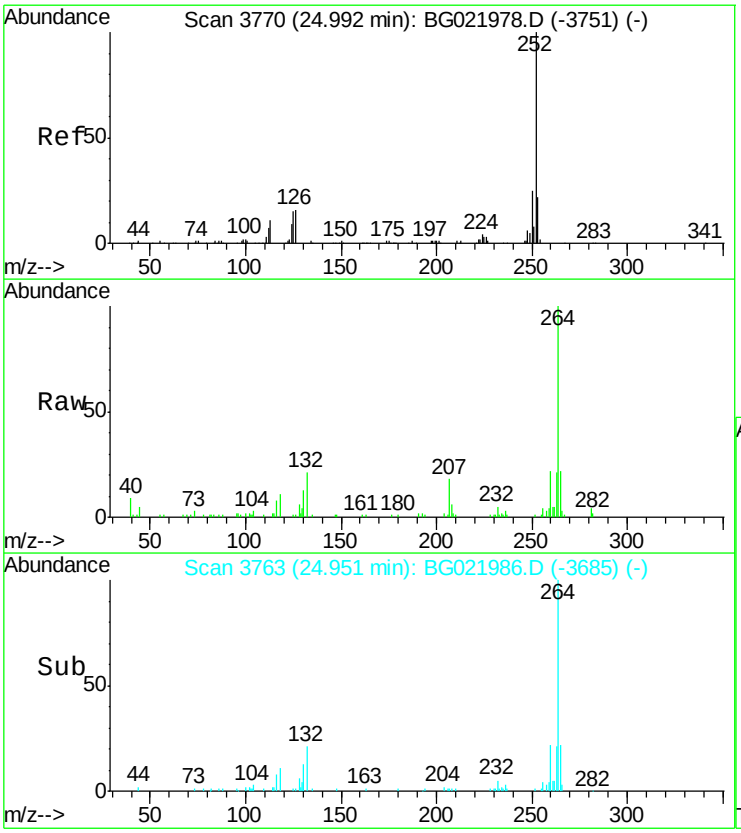


#85
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.92 min Scan# 3418
Delta R.T. 0.00 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Instrument :
BNA_G
ClientSampleId :
BD3G2

Tgt Ion:149 Resp: 227





#89
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. -0.04 min
Lab File: BG021986.D
Acq: 21 May 2016 21:16

Tgt Ion:252 Resp: 121

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	137.2	12.0	18.0#