Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021987.D
Acq On : 21 May 2016 21:56
Operator : UM/SJ
Sample : H3146-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BD3G4

Quant Time: May 22 06:44:39 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	41064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	216603	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	123088	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	251908	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	224083	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	212147	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	1662	2.11	ng/uL	0.00
5) Phenol-d5	7.31	99	32420	8.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	66416	34.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	91033	29.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	63919	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	55441	34.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	60958	35.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	95707	30.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	7386	2.22	ng/ul	0.02
44) Dimethylphthalate-d6	14.18	166	351075	37.97	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	470926	36.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	2822	1.77	ng/ul	0.00
58) Fluorene-d10	15.77	176	313711	36.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	39620	30.09	ng/ul	0.00
71) Anthracene-d10	17.63	188	452002	37.28	ng/ul	0.00
77) Pyrene-d10	19.90	212	474953	37.59	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	381490	38.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	88	0.06	ng/uL#	30
4) Benzaldehyde	7.69	77	1552	0.76	ng/ul#	64
8) Bis(2-Chloroethyl)ether	7.57	93	346	0.13	ng/ul#	71
12) 2,2'-oxybis(1-Chloropropan	8.86	45	196	0.06	ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.86	70	982	0.43	ng/ul#	1
20) Nitrobenzene	9.33	77	58	0.02	ng/ul#	36
21) Isophorone	9.89	82	146	0.02	ng/ul#	64
28) Naphthalene	10.61	128	135	0.01	ng/ul#	1
43) 2-Nitroaniline	14.18	65	888	0.52	ng/ul#	1
46) 2,6-Dinitrotoluene	14.78	165	15681	7.87	ng/ul#	34
49) 3-Nitroaniline	14.22	138	556	0.30	ng/ul#	53
55) 2,4-Dinitrotoluene	14.78	165	15681	5.84	ng/ul#	46
57) Diethylphthalate	15.58	149	595	0.06	ng/ul#	59
59) Fluorene	15.77	166	838	0.09	ng/ul#	8
65) N-Nitrosodiphenylamine	15.90	169	202	0.03	ng/ul#	26
74) Di-n-butylphthalate	18.48	149	774	0.05	ng/ul#	79
75) Fluoranthene	19.91	202	729	0.05	ng/ul#	1
78) Pyrene	19.91	202	729	0.05	ng/ul#	1
79) Butylbenzylphthalate	20.88	149	118	0.02	ng/ul#	25
81) Benzo(a)anthracene	21.81	228	566	0.04	ng/ul#	51
82) Bis(2-ethylhexyl)phthalate	21.67	149	994	0.09	ng/ul#	98
83) Chrysene	21.81	228	566	0.04	ng/ul#	50
85) Di-n-octyl phthalate	22.92	149	647	0.04	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021987.D
Acq On : 21 May 2016 21:56
Operator : UM/SJ
Sample : H3146-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BD3G4

Quant Time: May 22 06:44:39 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	24.90	252	399	0.03	ng/ul#	42

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021987.D
Acq On : 21 May 2016 21:56
Operator : UM/SJ
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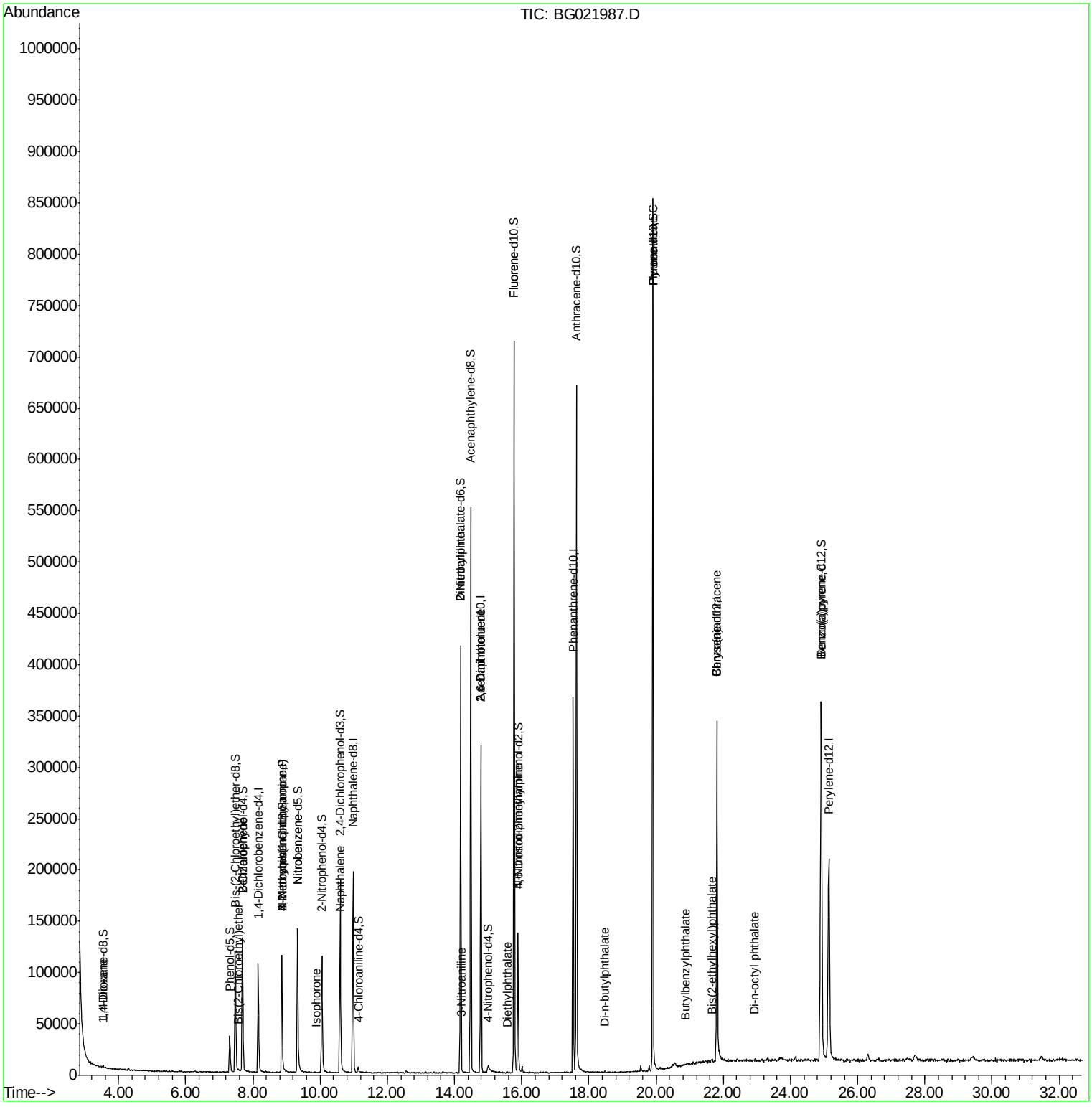
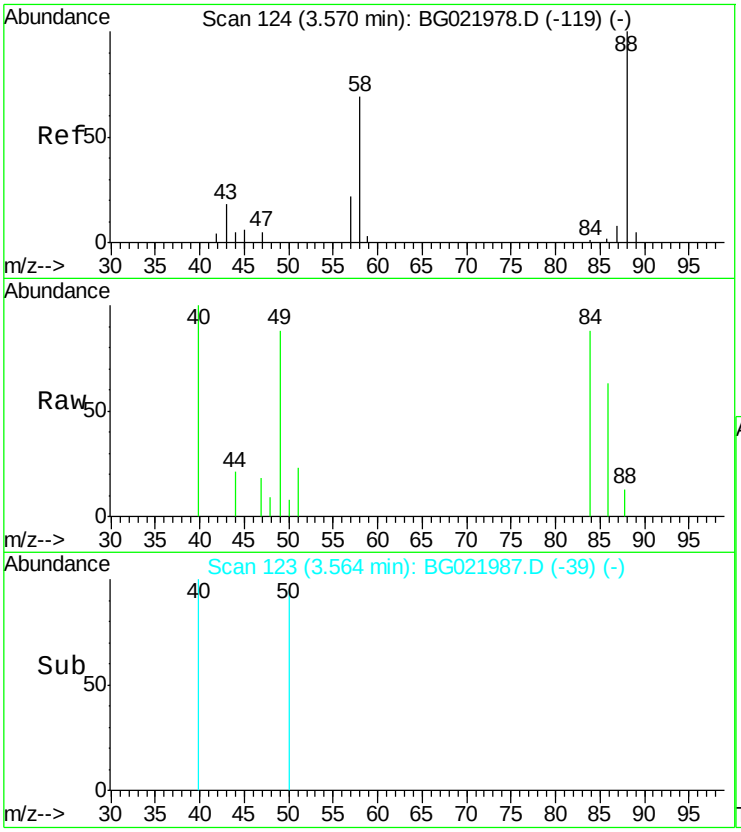
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 06:41:14 2016
Response via : Initial Calibration



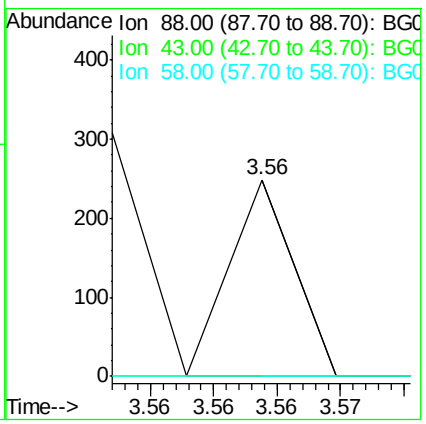


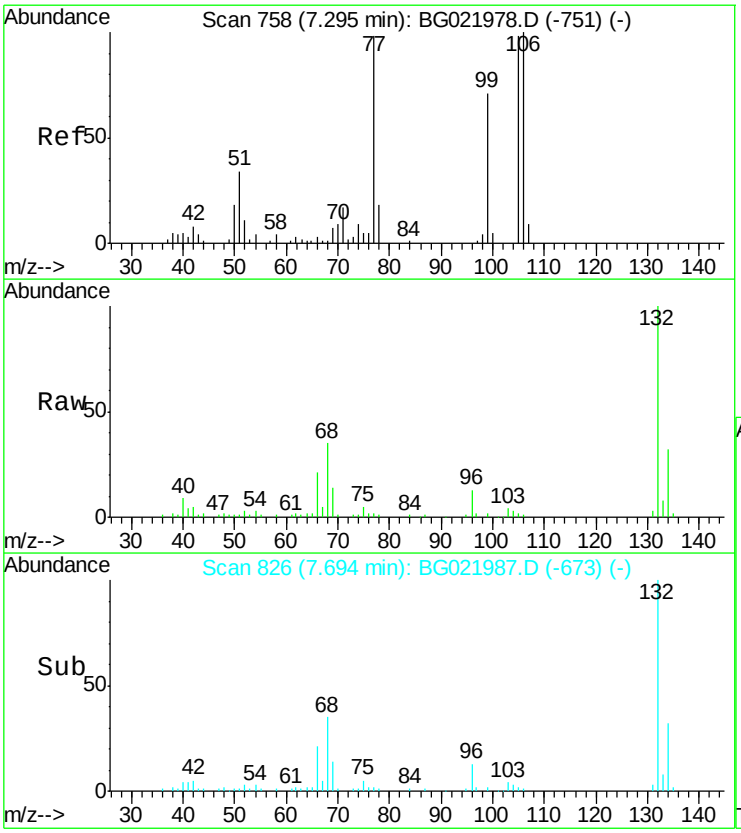
#2
1,4-Dioxane
Concen: 0.06 ng/uL
RT: 3.56 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion: 88 Resp: 88

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

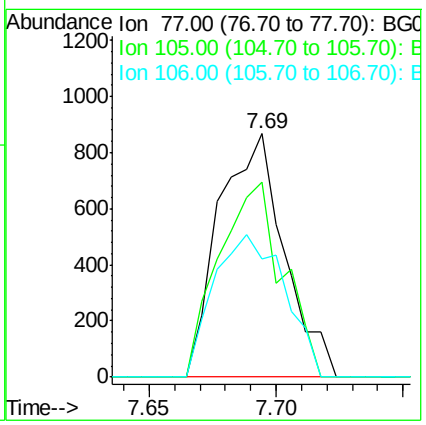


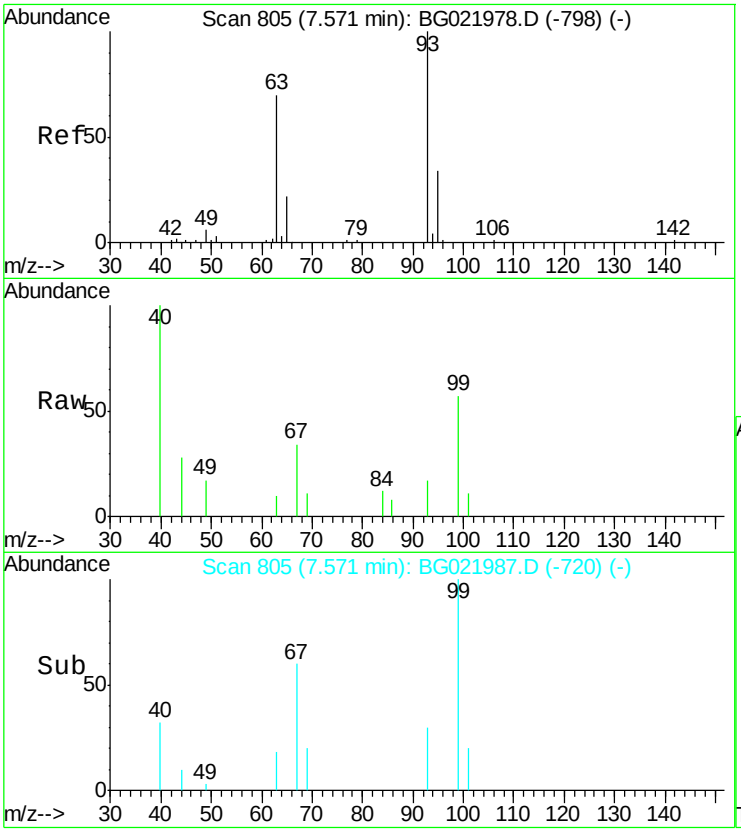


#4
Benzaldehyde
Concen: 0.76 ng/ul
RT: 7.69 min Scan# 826
Delta R.T. 0.40 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion: 77 Resp: 1552

Ion	Ratio	Lower	Upper
77	100		
105	80.3	83.8	125.8#
106	48.3	77.9	116.9#



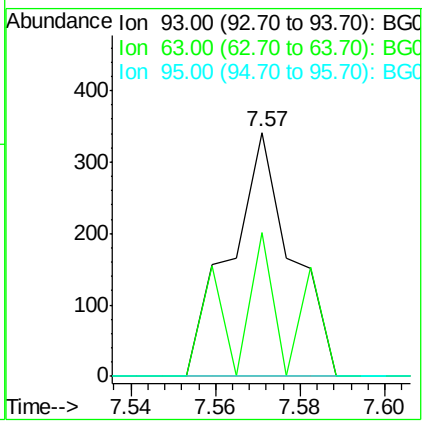


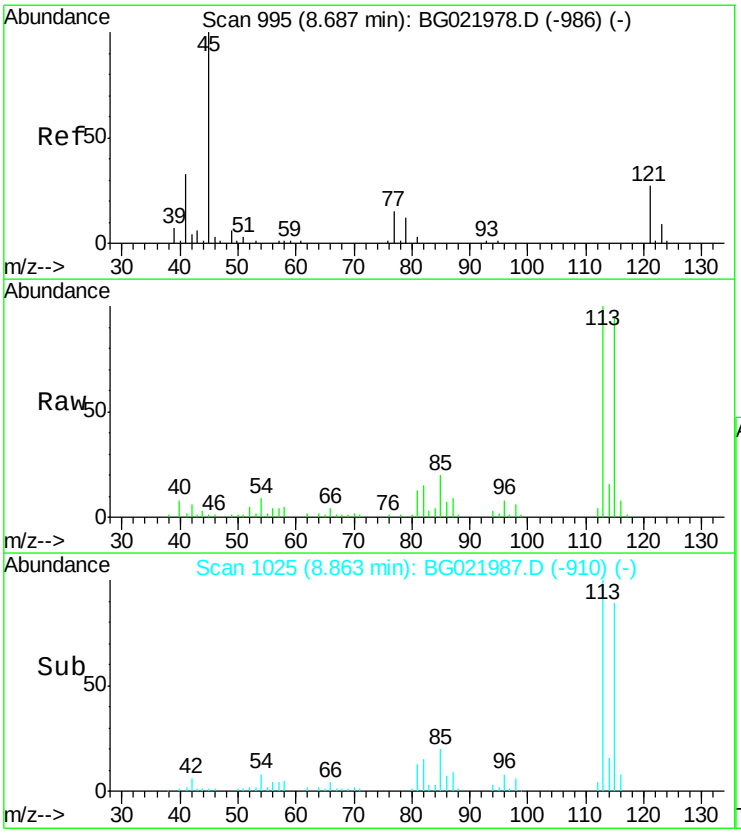
#8
Bis(2-Chloroethyl)ether
Concen: 0.13 ng/ul
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion: 93 Resp: 346

Ion	Ratio	Lower	Upper
93	100		
63	58.9	56.0	84.0
95	0.0	27.7	41.5#

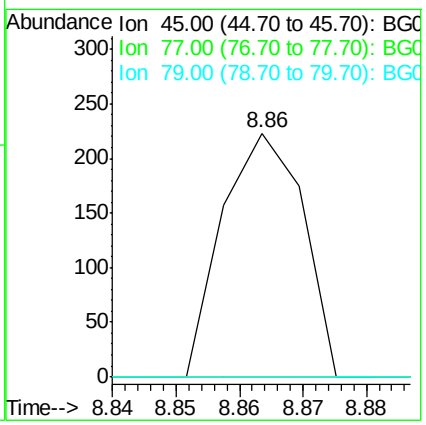


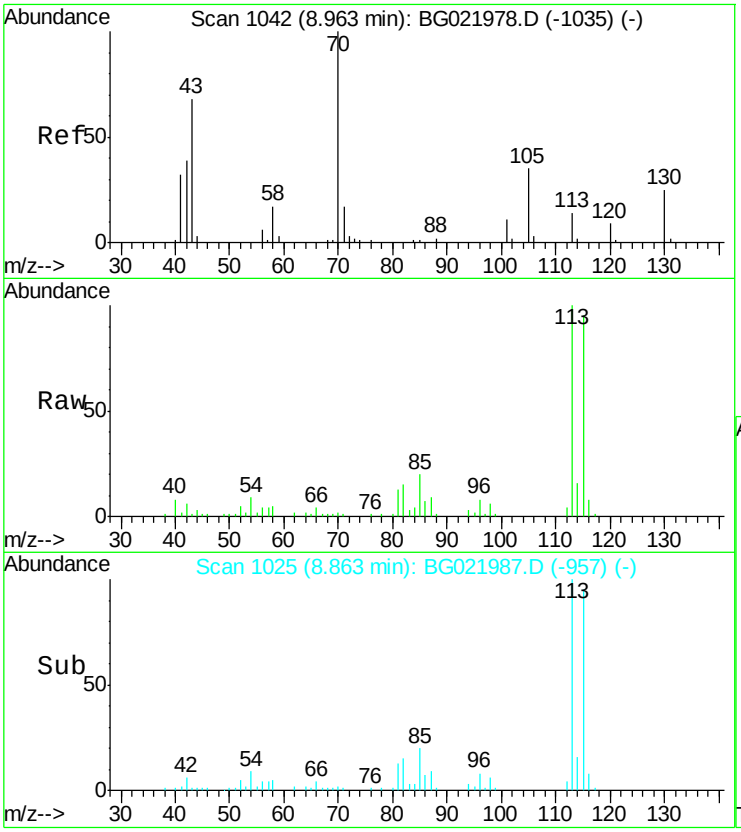


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.06 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.18 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion: 45 Resp: 196

Ion	Ratio	Lower	Upper
45	100		
77	0.0	13.4	20.2#
79	0.0	10.2	15.4#



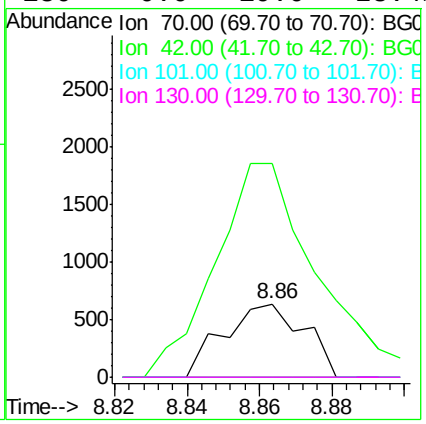


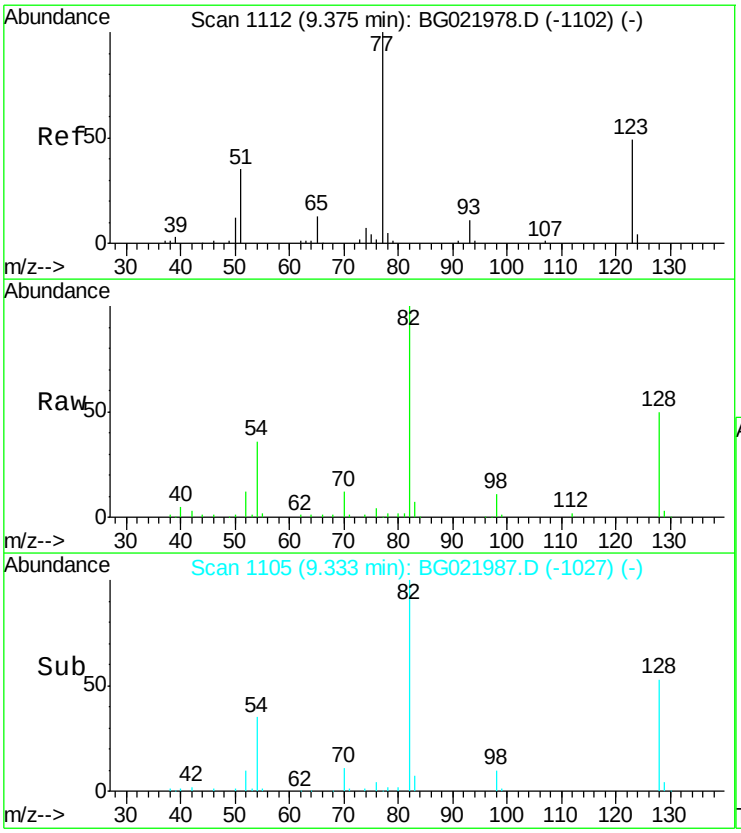
#15
N-Nitroso-di-n-propylamine
Concen: 0.43 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. -0.10 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion: 70 Resp: 982

Ion	Ratio	Lower	Upper
70	100		
42	291.5	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#

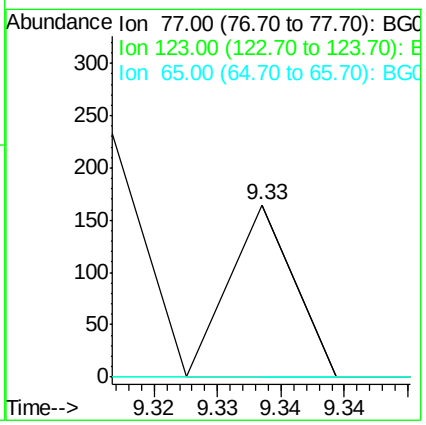


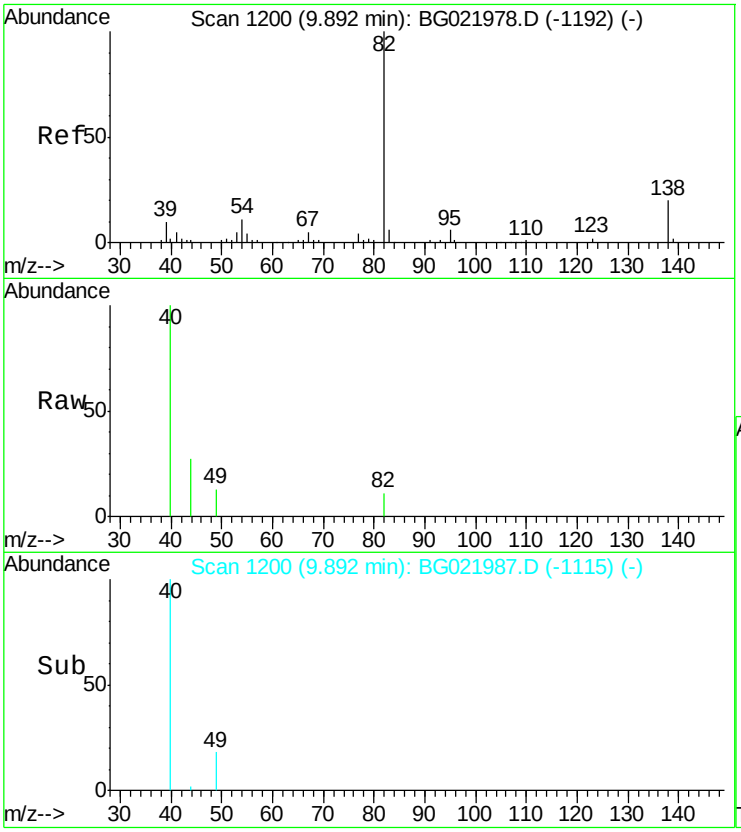


#20
Nitrobenzene
Concen: 0.02 ng/ul
RT: 9.33 min Scan# 1105
Delta R.T. -0.04 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion: 77 Resp: 58

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



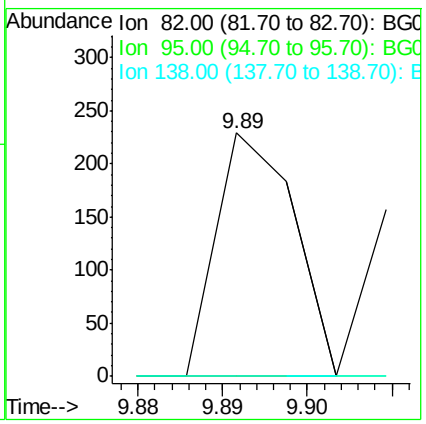


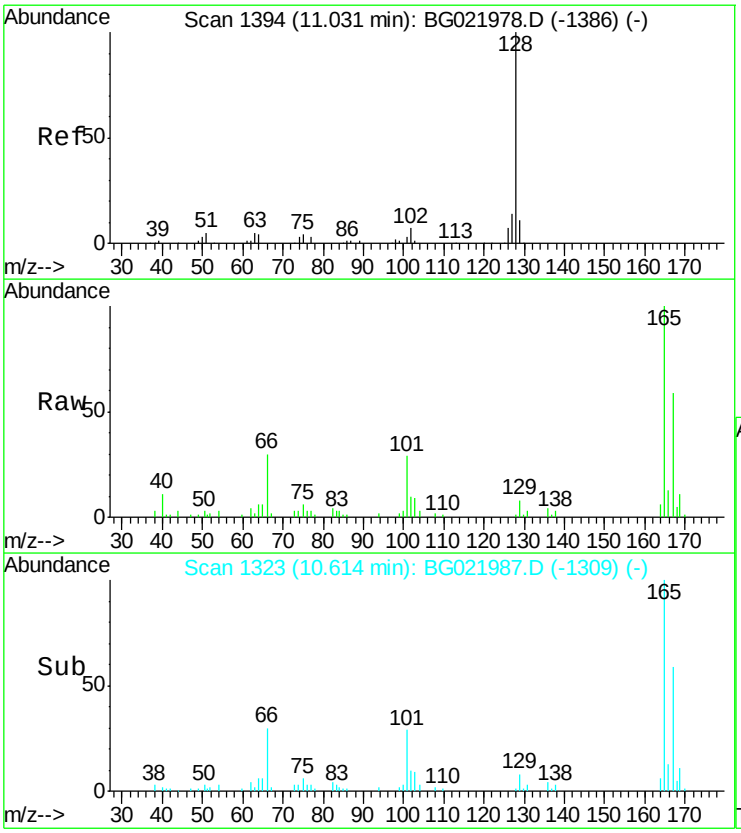
#21
Isophorone
Concen: 0.02 ng/ul
RT: 9.89 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion: 82 Resp: 146

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

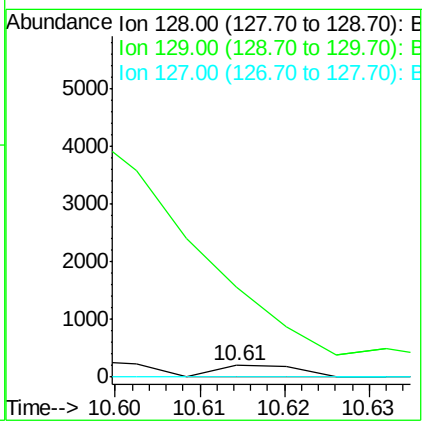


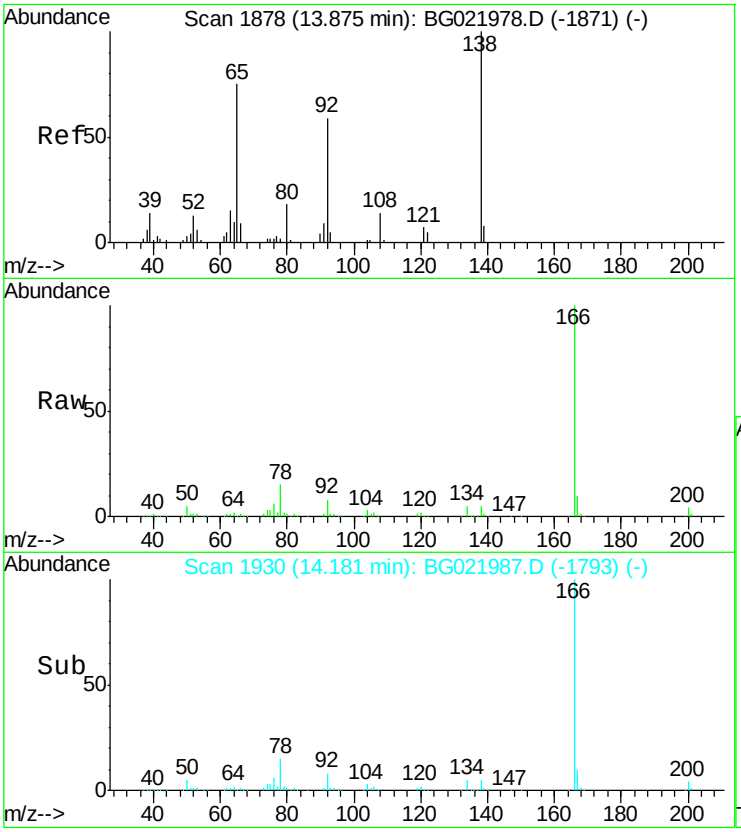


#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.61 min Scan# 1323
Delta R.T. -0.42 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:128 Resp: 135

Ion	Ratio	Lower	Upper
128	100		
129	775.7	9.4	14.2#
127	0.0	11.2	16.8#



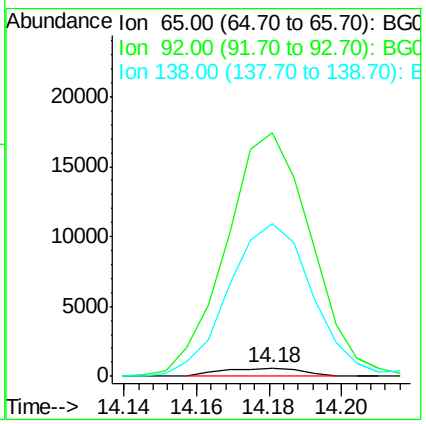


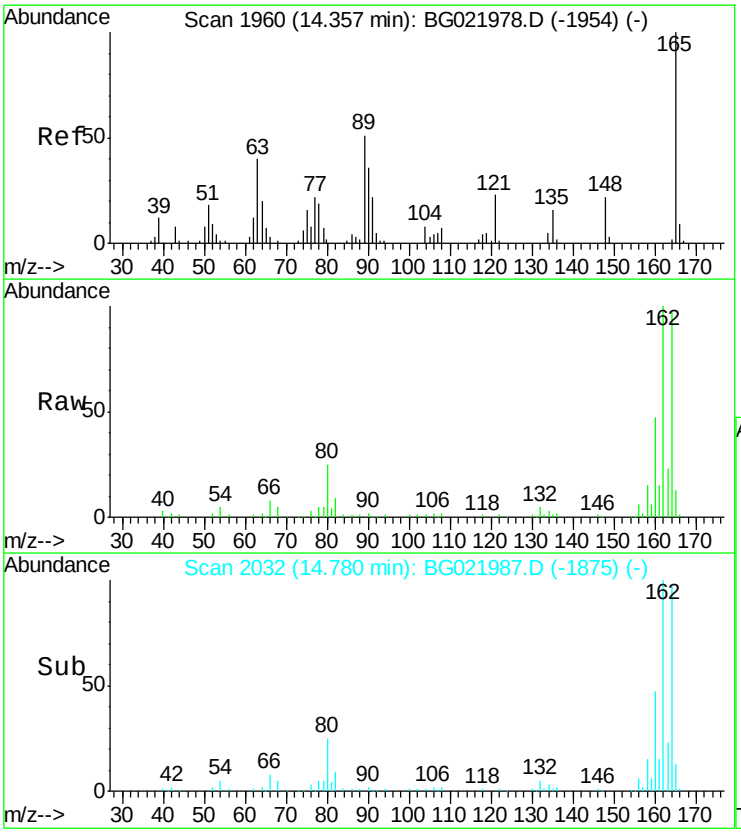
#43
2-Nitroaniline
Concen: 0.52 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.31 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion: 65 Resp: 888

Ion	Ratio	Lower	Upper
65	100		
92	2967.0	67.1	100.7#
138	1864.2	109.6	164.4#

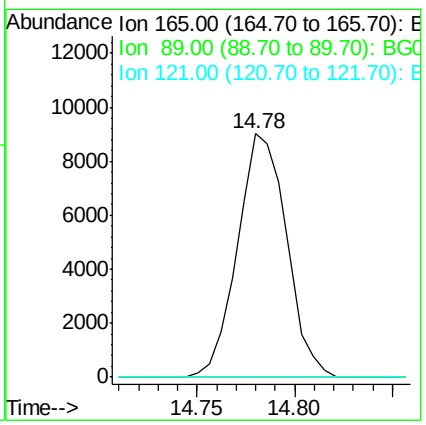


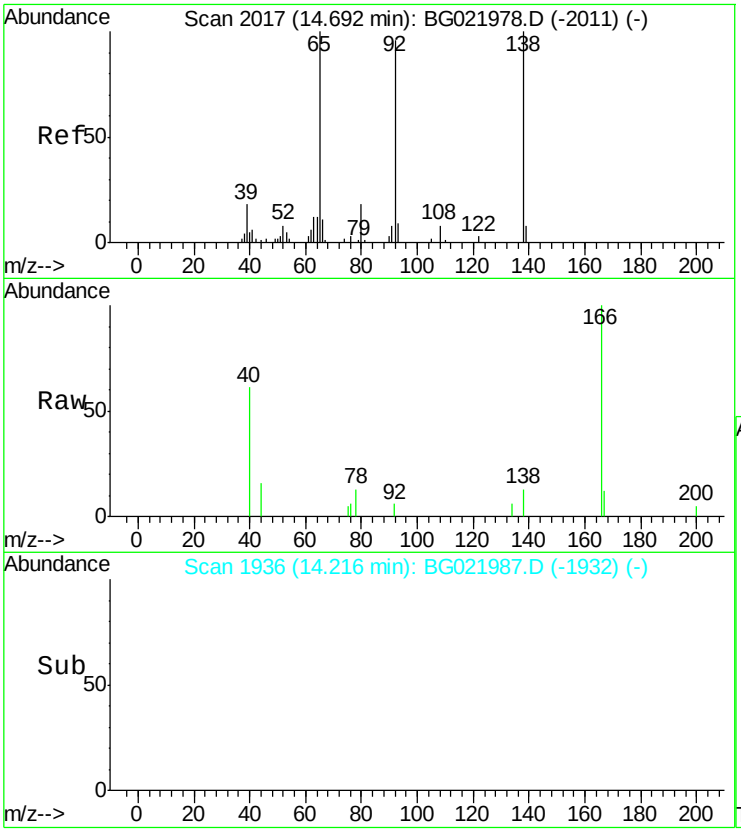


#46
2,6-Dinitrotoluene
Concen: 7.87 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. 0.42 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:165 Resp: 15681

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



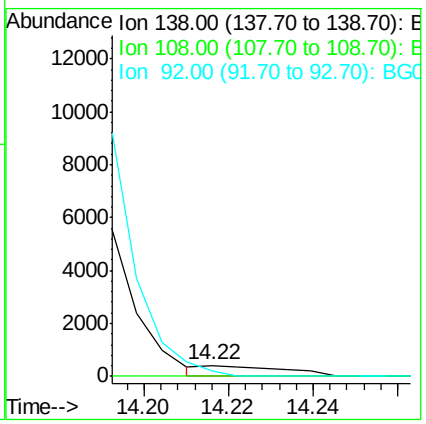


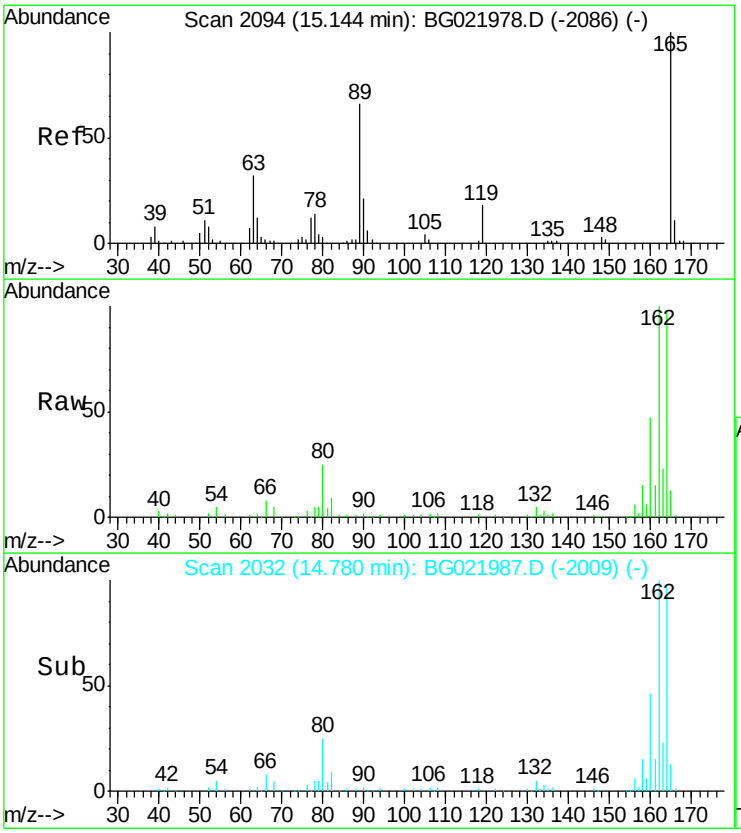
#49
3-Nitroaniline
Concen: 0.30 ng/ul
RT: 14.22 min Scan# 1936
Delta R.T. -0.48 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:138 Resp: 556

Ion	Ratio	Lower	Upper
138	100		
108	0.0	6.2	9.2#
92	50.1	79.3	118.9#

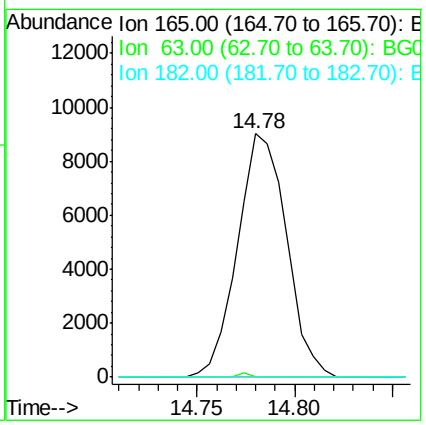


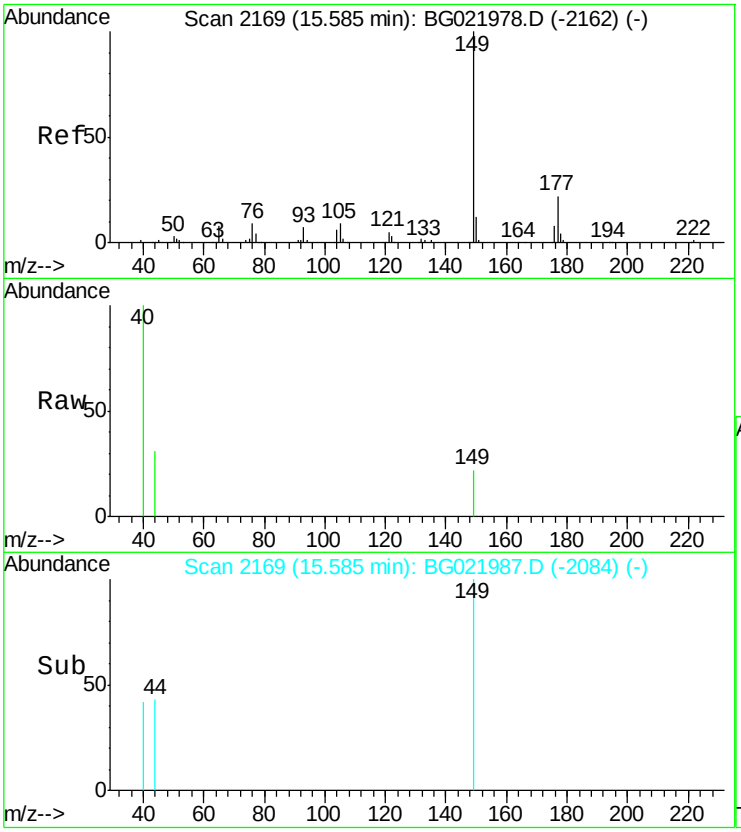


#55
2,4-Dinitrotoluene
Concen: 5.84 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.36 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:165 Resp: 15681

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



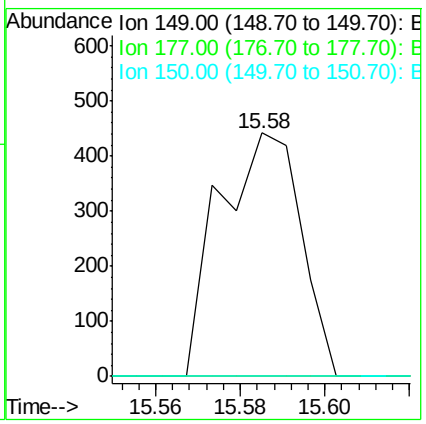


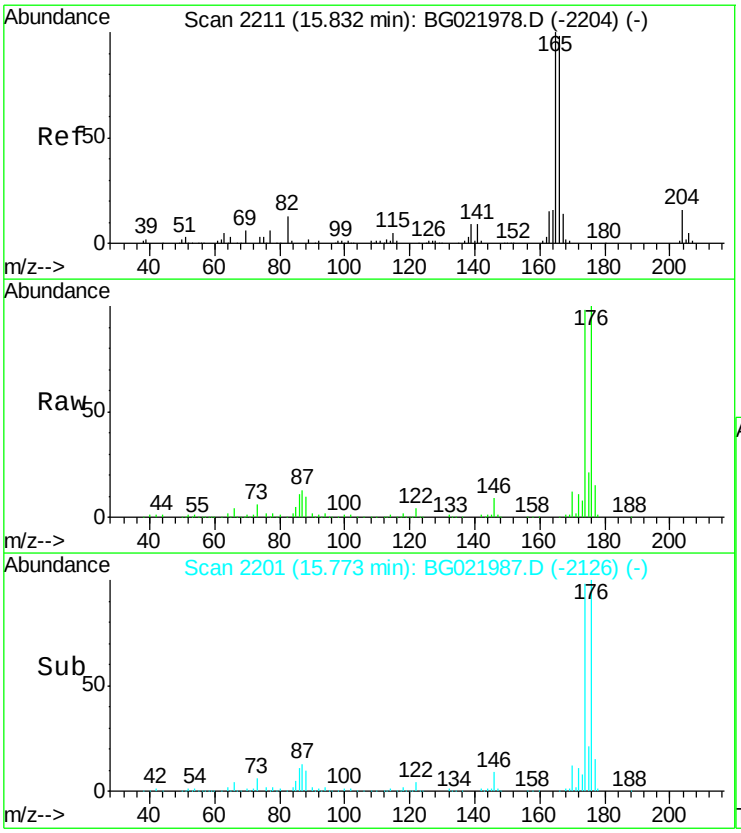
#57
Diethylphthalate
Concen: 0.06 ng/ul
RT: 15.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:149 Resp: 595

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

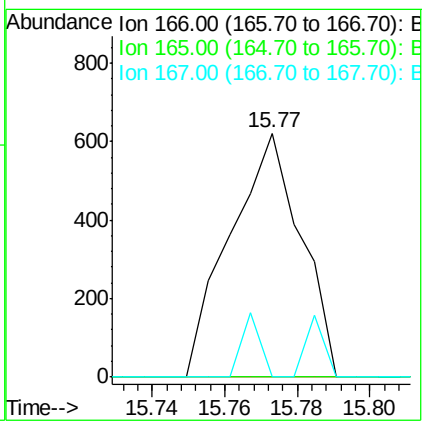


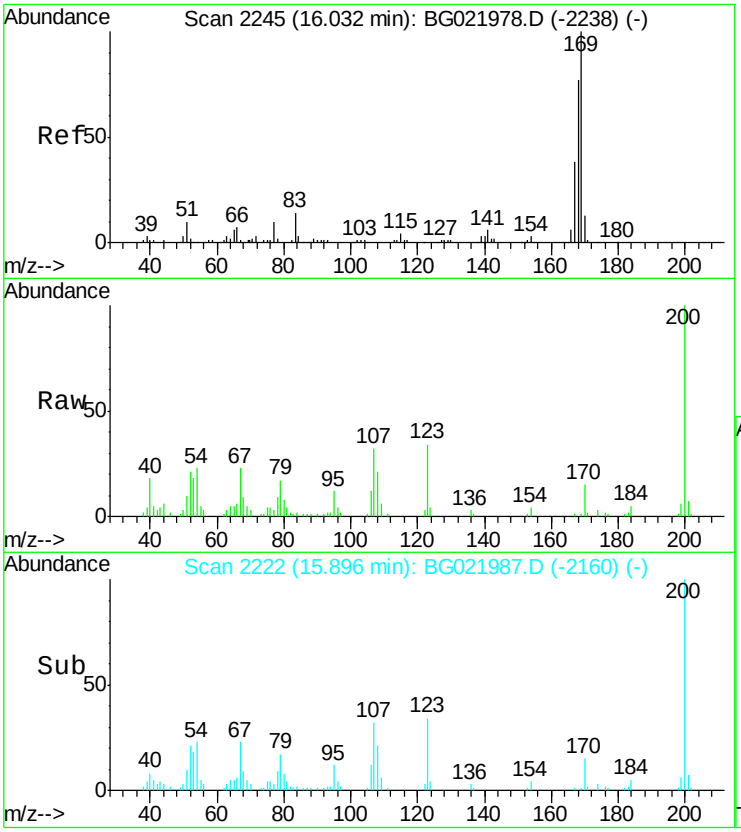


#59
Fluorene
Concen: 0.09 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.06 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:166 Resp: 838

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



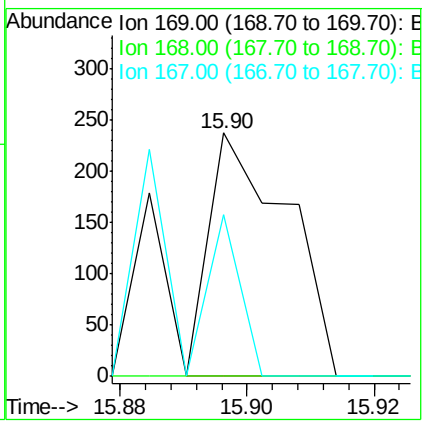


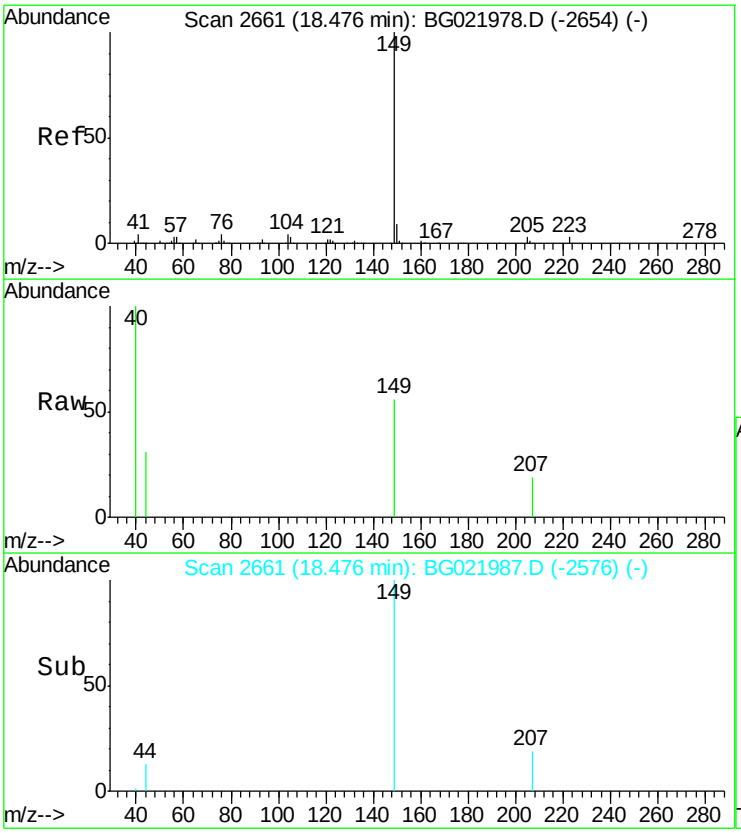
#65
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.90 min Scan# 2222
Delta R.T. -0.14 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:169 Resp: 202

Ion	Ratio	Lower	Upper
169	100		
168	0.0	59.0	88.6#
167	66.7	30.6	46.0#

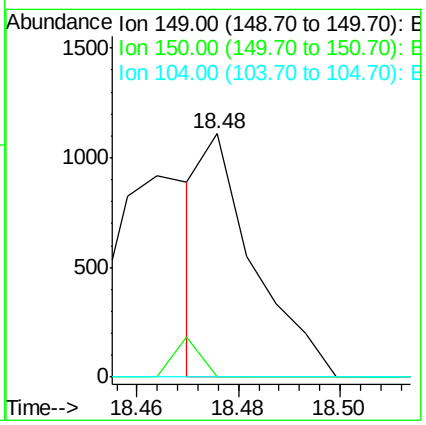


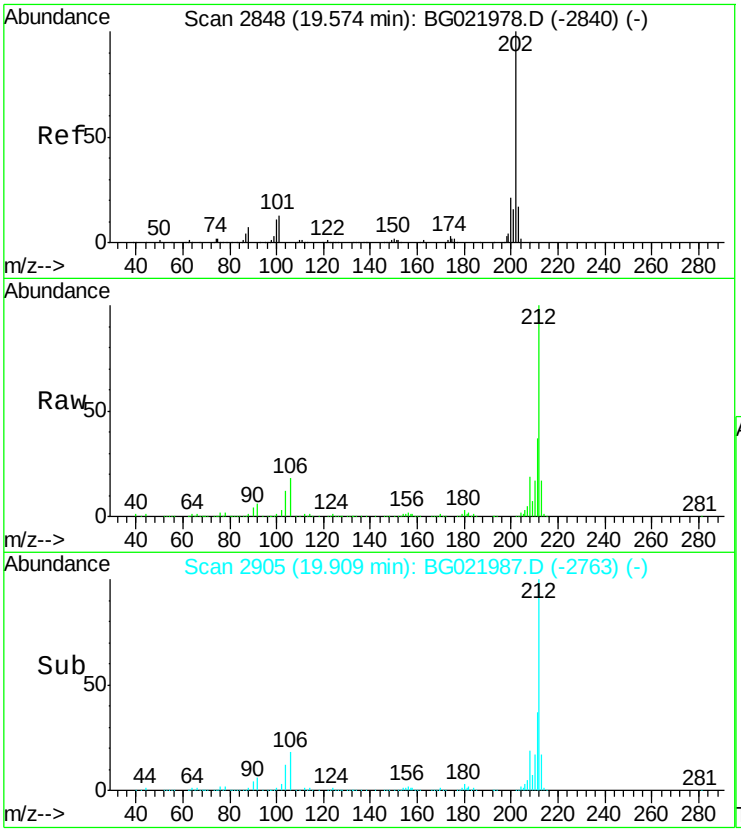


#74
Di-n-butylphthalate
Concen: 0.05 ng/ul
RT: 18.48 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:149 Resp: 774

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



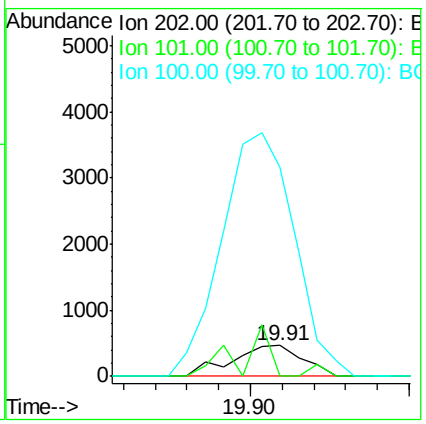


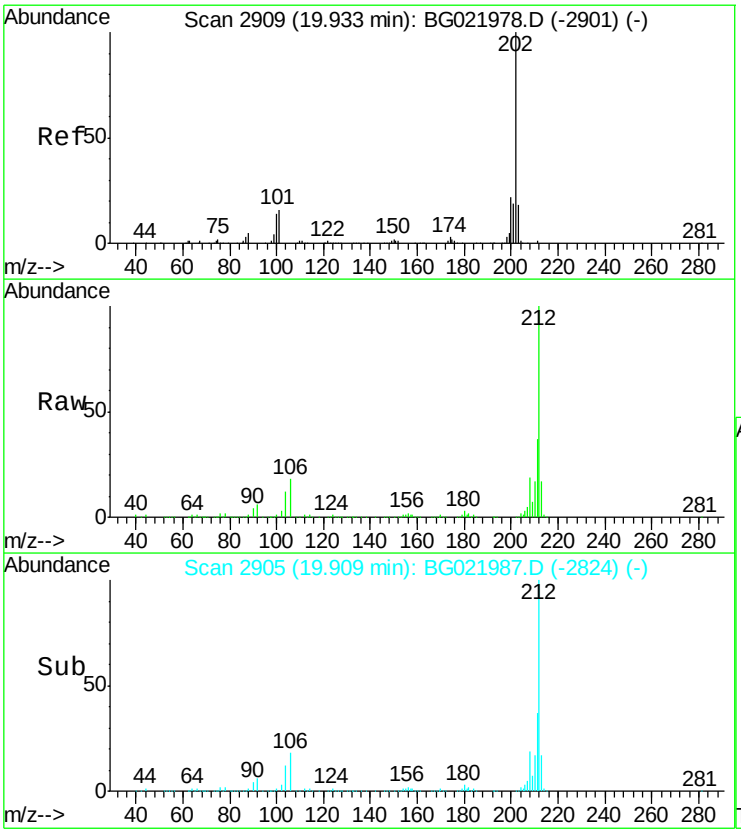
#75
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. 0.33 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:202 Resp: 729

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	674.0	8.7	13.1#

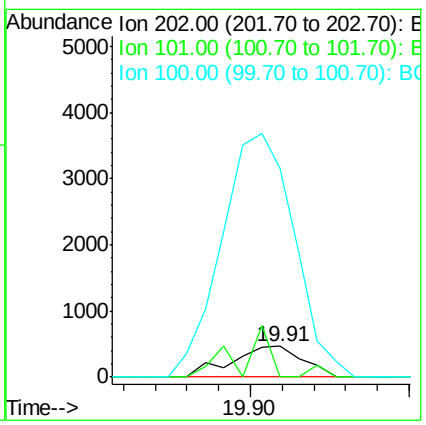


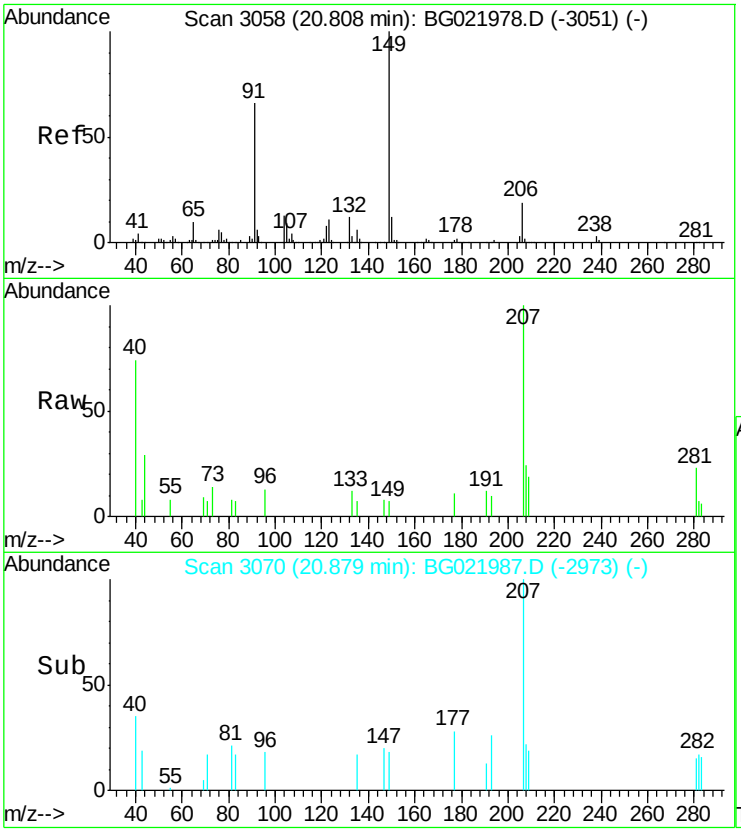


#78
Pyrene
Concen: 0.05 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. -0.02 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:202 Resp: 729

Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	674.0	10.2	15.4#



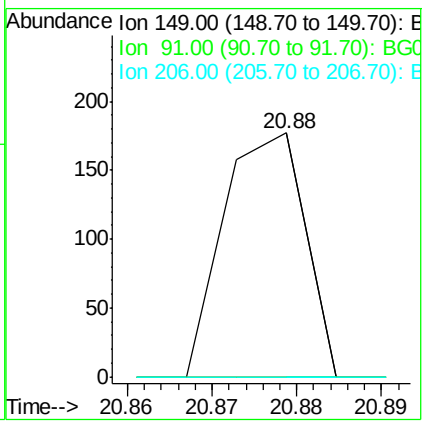


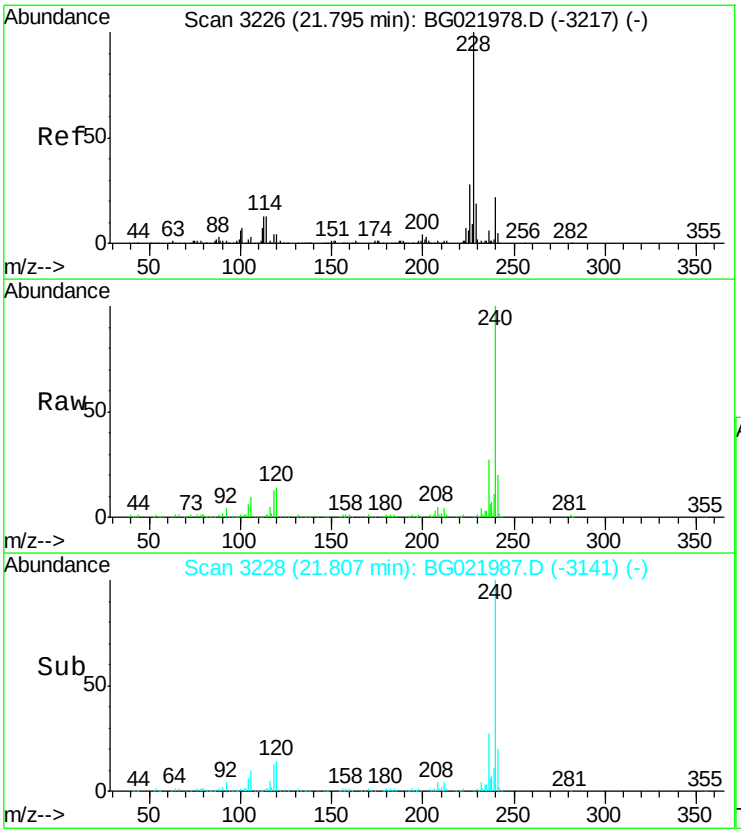
#79
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.88 min Scan# 3070
Delta R.T. 0.07 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:149 Resp: 118

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

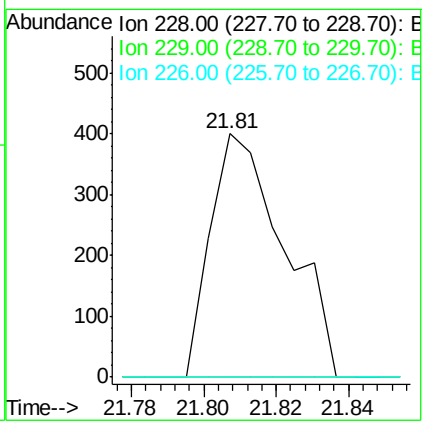


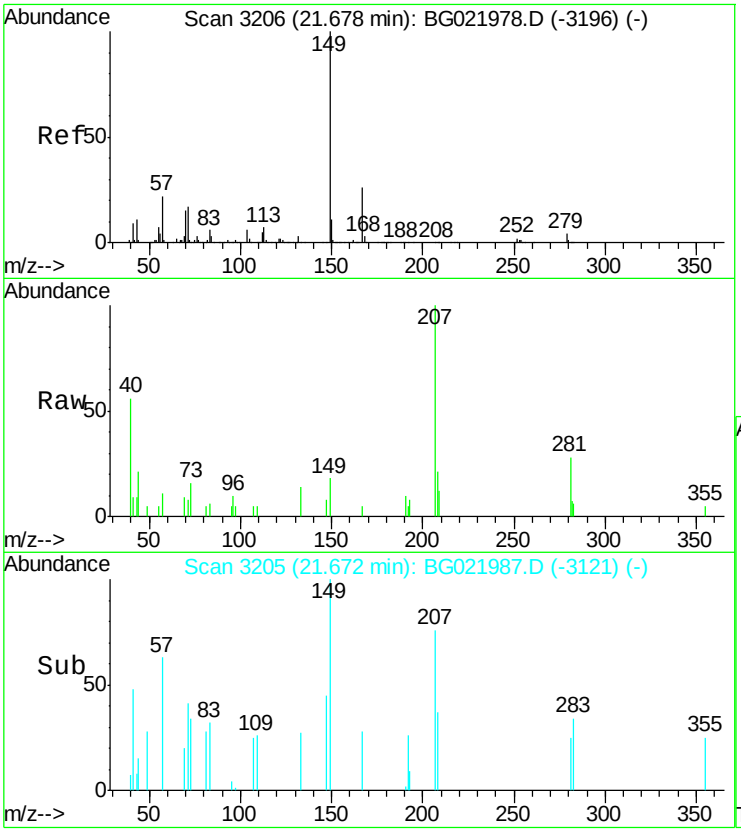


#81
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:228 Resp: 566

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



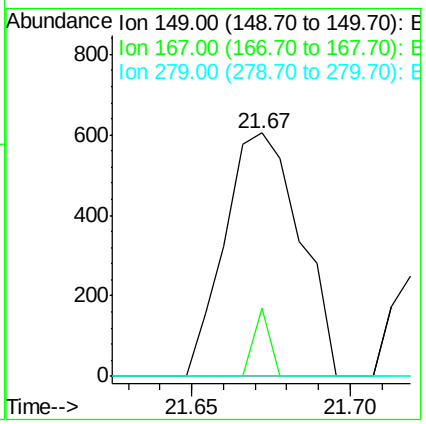


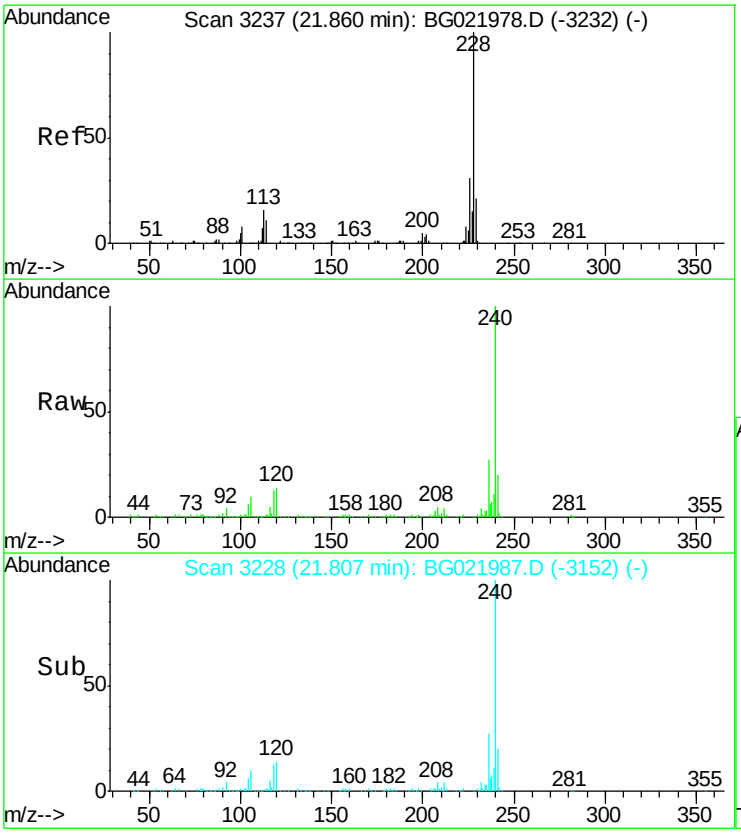
#82
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng/ul
RT: 21.67 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:149 Resp: 994

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	0.0	2.9	4.3#

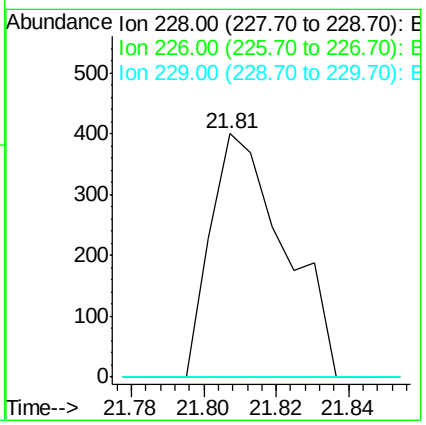


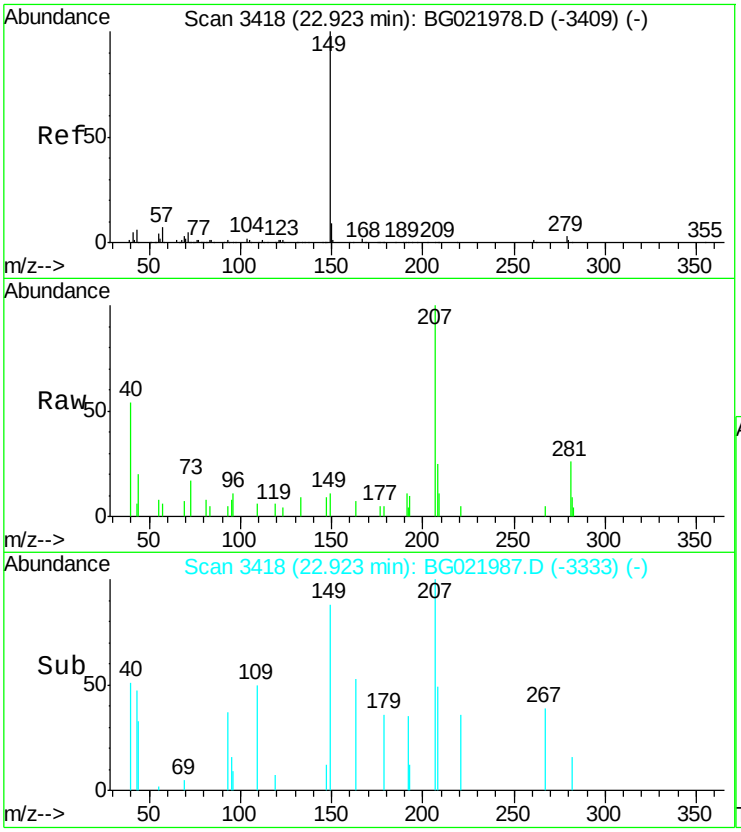


#83
Chrysene
Concen: 0.04 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. -0.05 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:228 Resp: 566

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

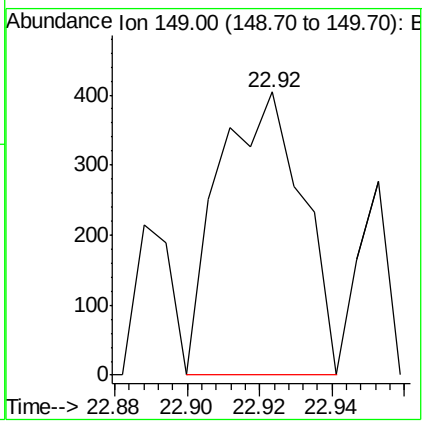


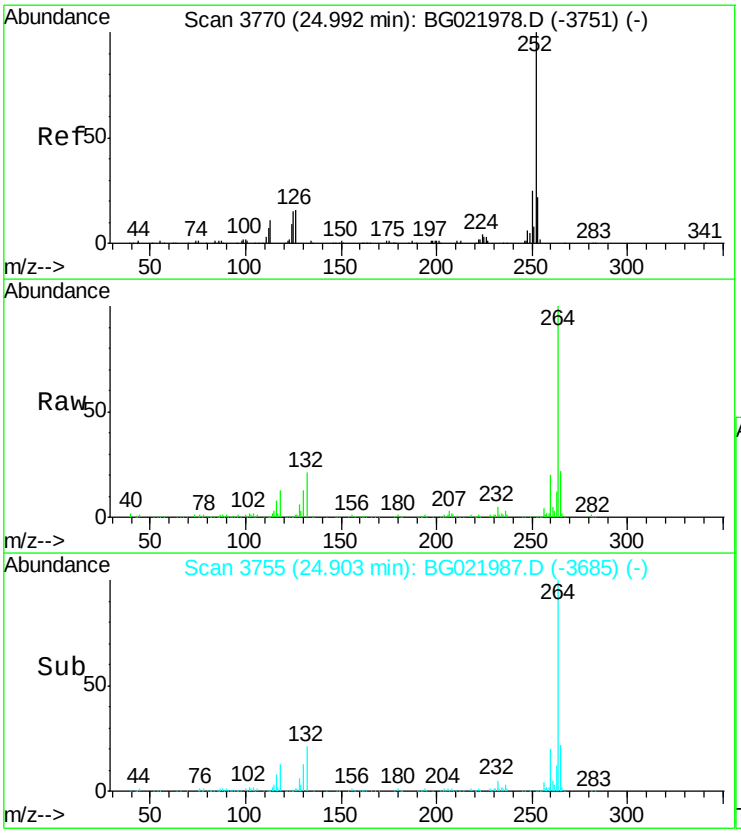


#85
Di-n-octyl phthalate
Concen: 0.04 ng/ul
RT: 22.92 min Scan# 3418
Delta R.T. 0.00 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
BD3G4

Tgt Ion:149 Resp: 647





#89
Benzo(a)pyrene
Concen: 0.03 ng/ul
RT: 24.90 min Scan# 3755
Delta R.T. -0.09 min
Lab File: BG021987.D
Acq: 21 May 2016 21:56

Tgt Ion:252 Resp: 399

Ion	Ratio	Lower	Upper
252	100		
253	41.4	19.0	28.4#
125	53.6	12.0	18.0#