Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021985.D
Acq On : 21 May 2016 20:36
Operator : UM/SJ
Sample : H3146-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BD3G1

Quant Time: May 22 06:44:20 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	34225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	186618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	105691	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	214508	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	195425	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	179181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1171	1.78	ng/uL	0.00
5) Phenol-d5	7.31	99	23468	7.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	48118	29.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	69544	26.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	48110	18.34	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	43488	31.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	47372	31.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	73834	27.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	1120	0.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	274991	34.64	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	371996	33.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	1560	1.14	ng/ul	0.00
58) Fluorene-d10	15.77	176	242423	32.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	30831	27.50	ng/ul	0.00
71) Anthracene-d10	17.63	188	354524	34.34	ng/ul	0.00
77) Pyrene-d10	19.91	212	377877	34.29	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	290724	34.97	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	60	0.05	ng/uL#	30
4) Benzaldehyde	7.68	77	824	0.48	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.57	93	321	0.14	ng/ul#	23
15) N-Nitroso-di-n-propylamine	8.86	70	777	0.41	ng/ul#	1
21) Isophorone	9.82	82	80	0.01	ng/ul#	64
28) Naphthalene	10.60	128	216	0.02	ng/ul#	1
43) 2-Nitroaniline	14.18	65	688	0.47	ng/ul#	1
46) 2,6-Dinitrotoluene	14.78	165	13995	8.18	ng/ul#	34
49) 3-Nitroaniline	14.23	138	521	0.33	ng/ul#	6
55) 2,4-Dinitrotoluene	14.78	165	13995	6.07	ng/ul#	50
57) Diethylphthalate	15.58	149	380	0.05	ng/ul#	59
59) Fluorene	15.78	166	613	0.08	ng/ul#	1
65) N-Nitrosodiphenylamine	15.90	169	68	0.01	ng/ul#	21
74) Di-n-butylphthalate	18.47	149	1126	0.08	ng/ul#	79
75) Fluoranthene	19.91	202	416	0.03	ng/ul#	1
78) Pyrene	19.91	202	416	0.03	ng/ul#	1
79) Butylbenzylphthalate	20.80	149	122	0.02	ng/ul#	25
81) Benzo(a)anthracene	21.80	228	188	0.02	ng/ul#	51
82) Bis(2-ethylhexyl)phthalate	21.68	149	959	0.10	ng/ul#	52
83) Chrysene	21.81	228	203	0.02	ng/ul#	50
85) Di-n-octyl phthalate	22.92	149	263	0.02	ng/ul	100
89) Benzo(a)pyrene	24.90	252	565	0.06	ng/ul#	19

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021985.D
Acq On : 21 May 2016 20:36
Operator : UM/SJ
Sample : H3146-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD3G1

Quant Time: May 22 06:44:20 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021985.D
Acq On : 21 May 2016 20:36
Operator : UM/SJ
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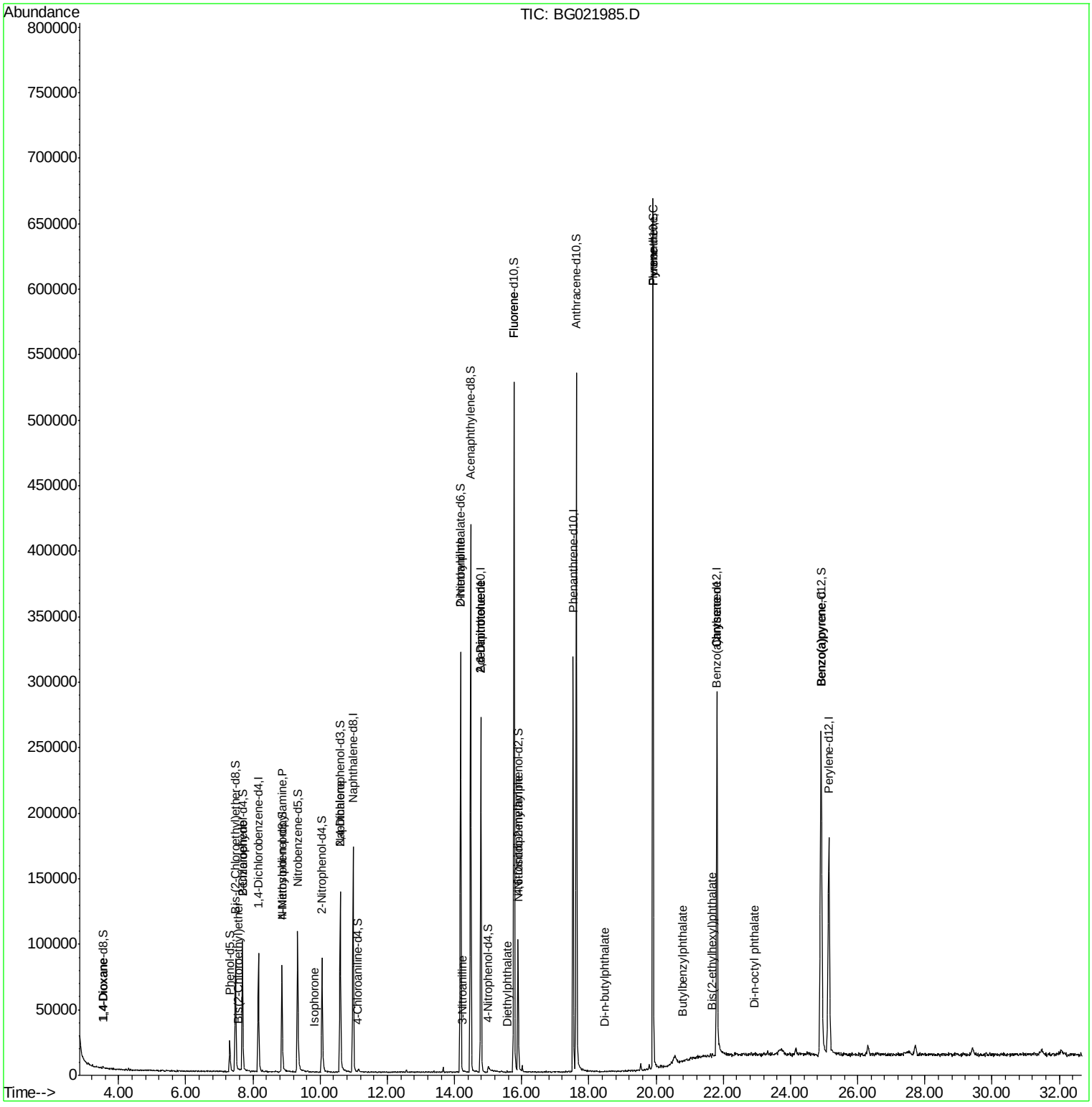
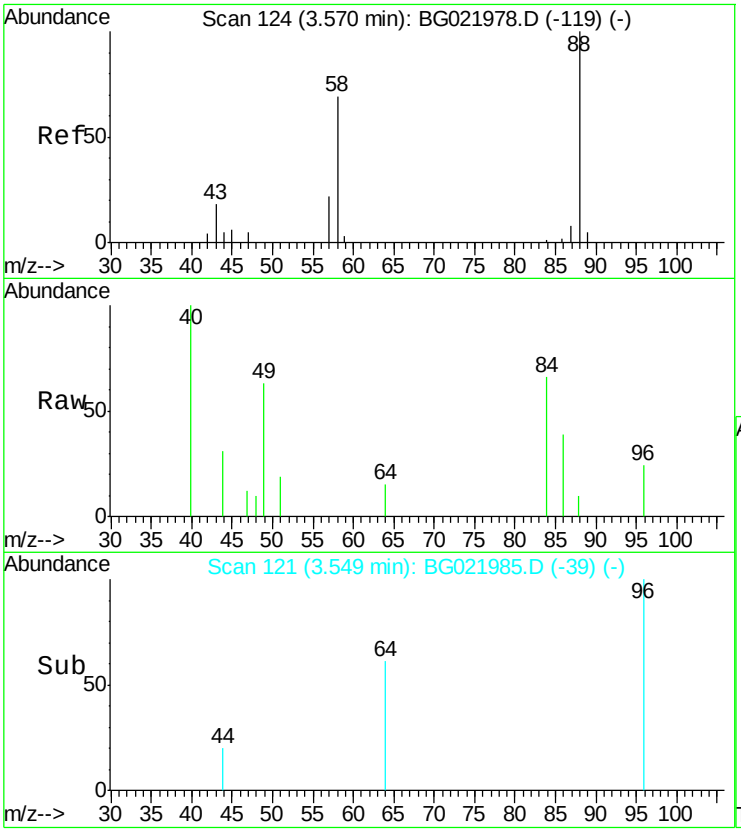
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 06:41:14 2016
Response via : Initial Calibration



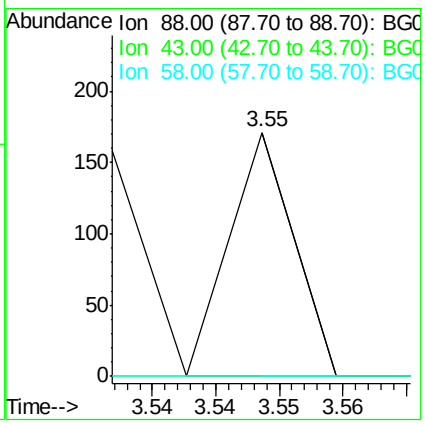


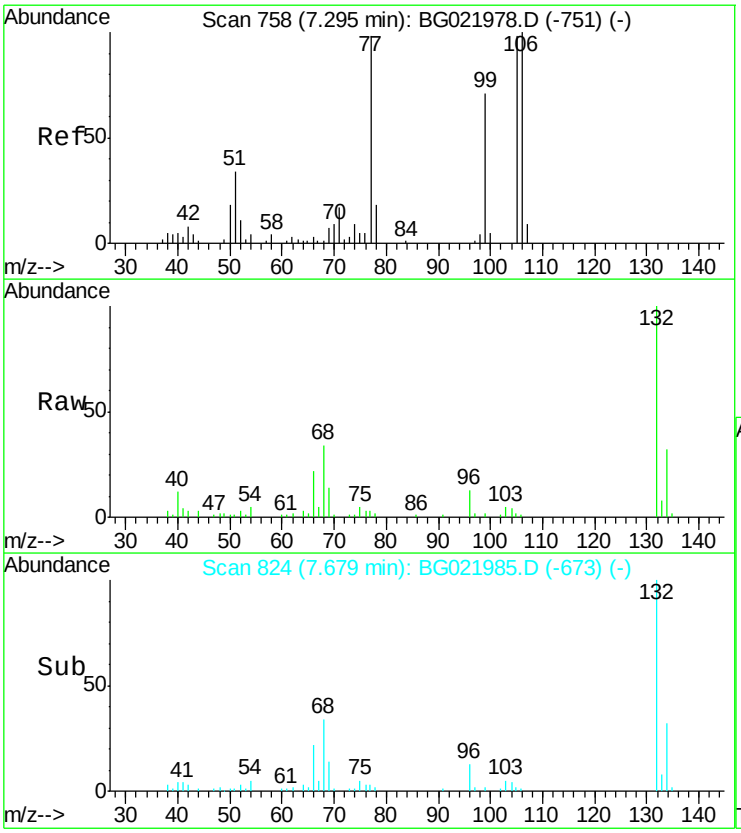
#2
1,4-Dioxane
Concen: 0.05 ng/uL
RT: 3.55 min Scan# 121
Delta R.T. -0.02 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion: 88 Resp: 60

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

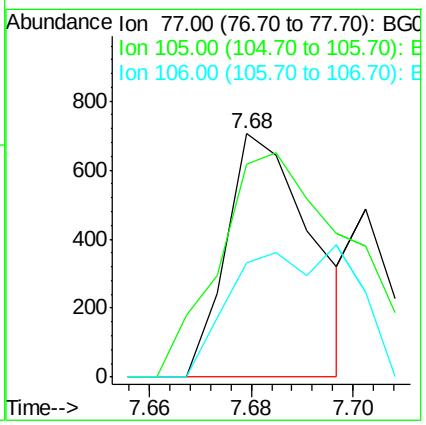


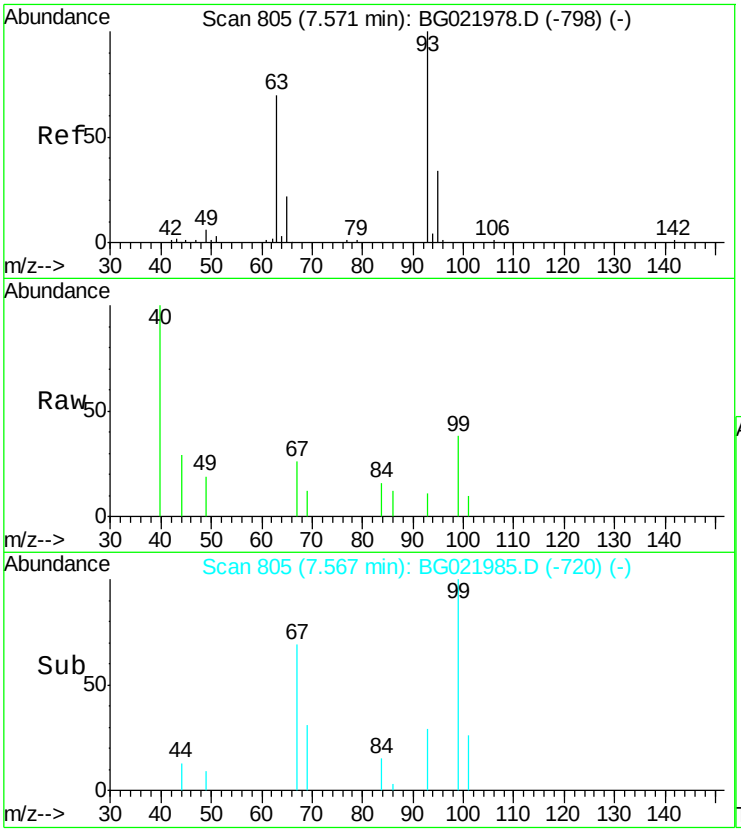


#4
Benzaldehyde
Concen: 0.48 ng/ul
RT: 7.68 min Scan# 824
Delta R.T. 0.38 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion: 77 Resp: 824

Ion	Ratio	Lower	Upper
77	100		
105	87.3	83.8	125.8
106	47.2	77.9	116.9#



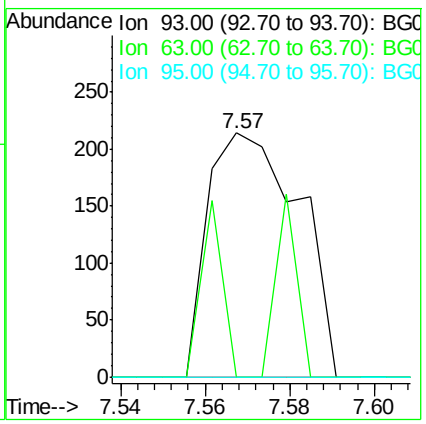


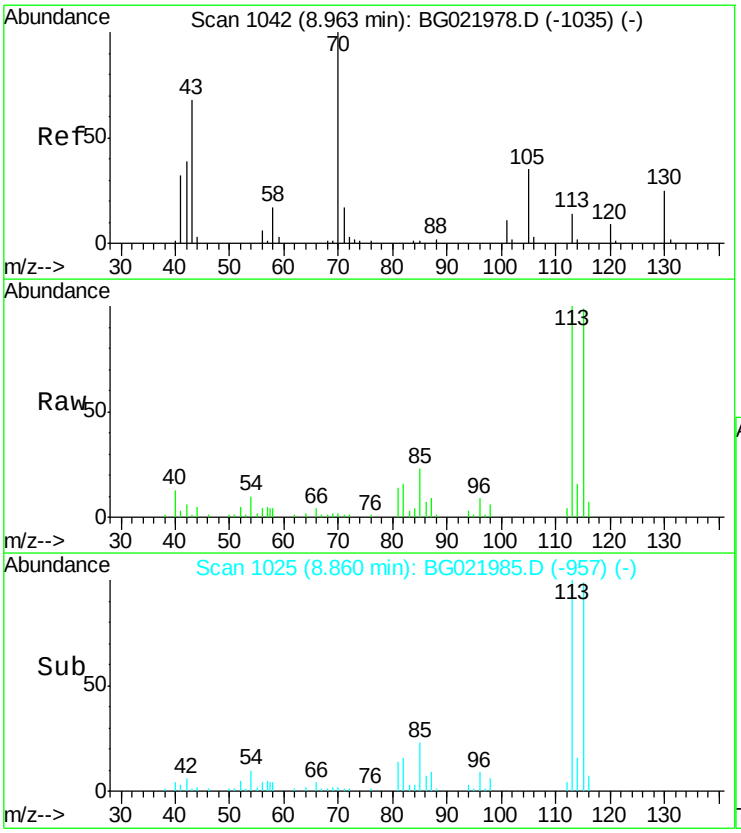
#8
Bis(2-Chloroethyl)ether
Concen: 0.14 ng/ul
RT: 7.57 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion: 93 Resp: 321

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

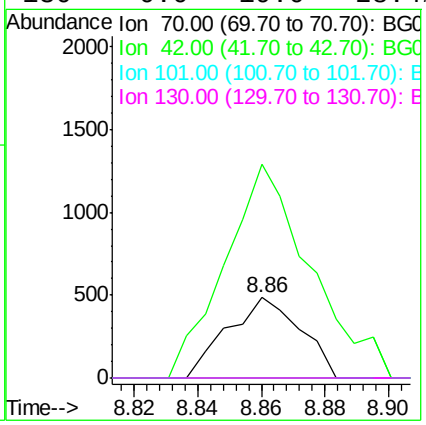


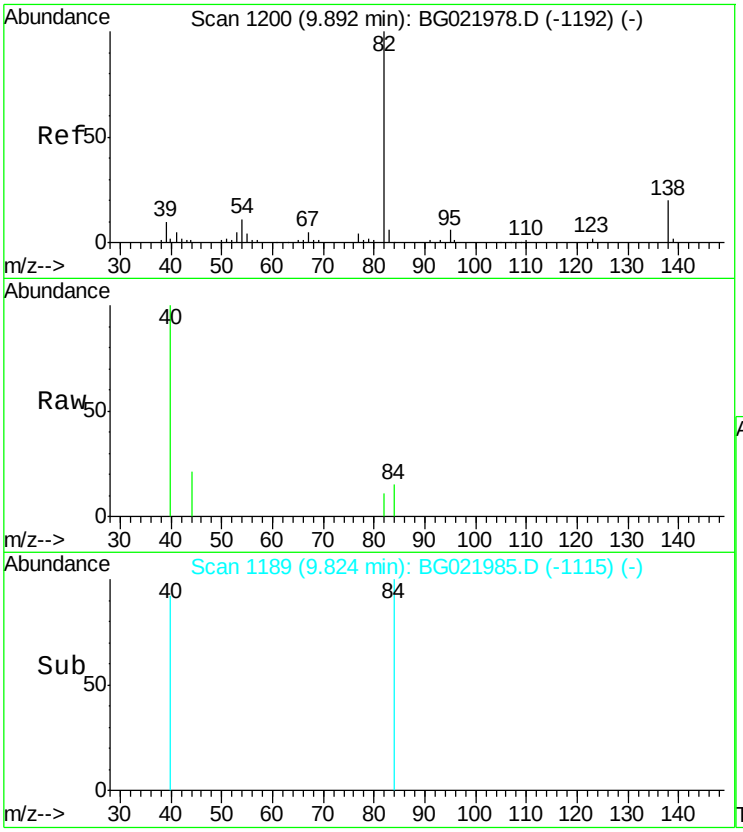


#15
N-Nitroso-di-n-propylamine
Concen: 0.41 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. -0.10 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion: 70 Resp: 777

Ion	Ratio	Lower	Upper
70	100		
42	265.4	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#



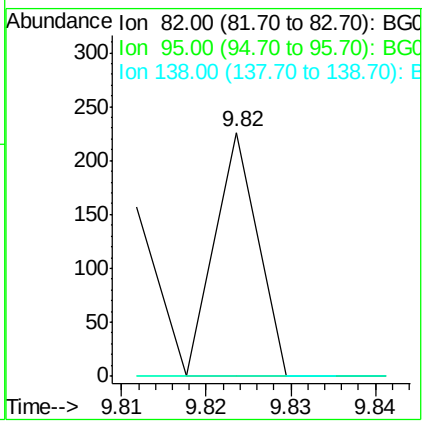


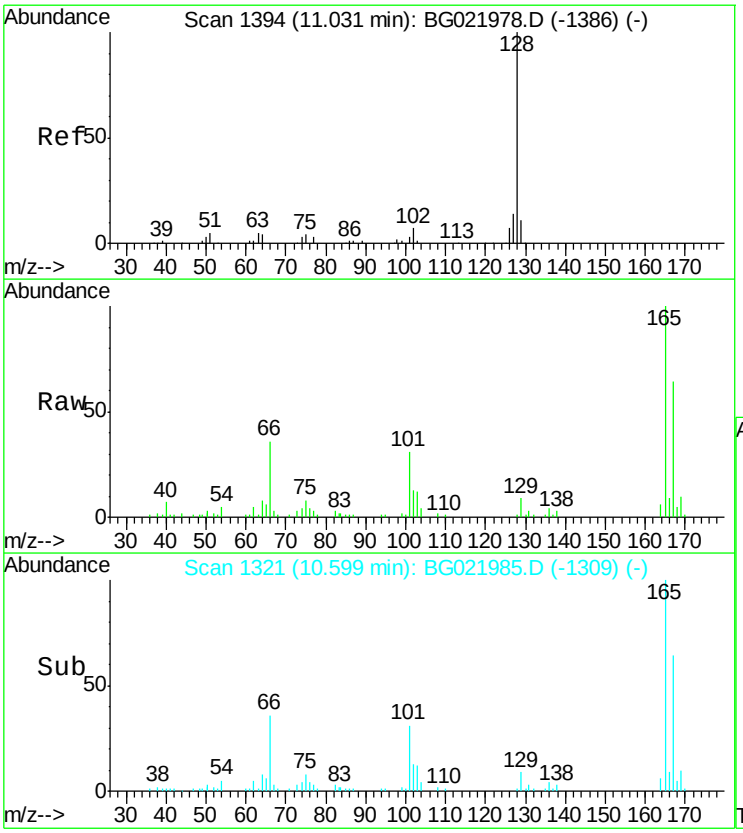
#21
Isophorone
Concen: 0.01 ng/ul
RT: 9.82 min Scan# 1189
Delta R.T. -0.07 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion: 82 Resp: 80

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

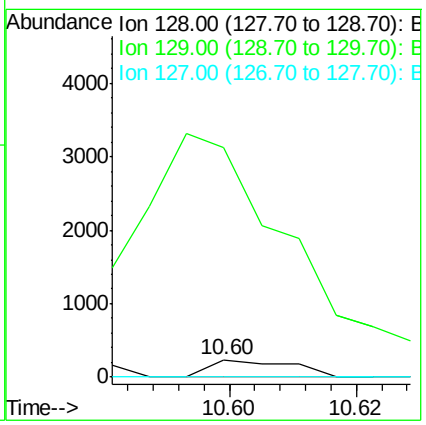


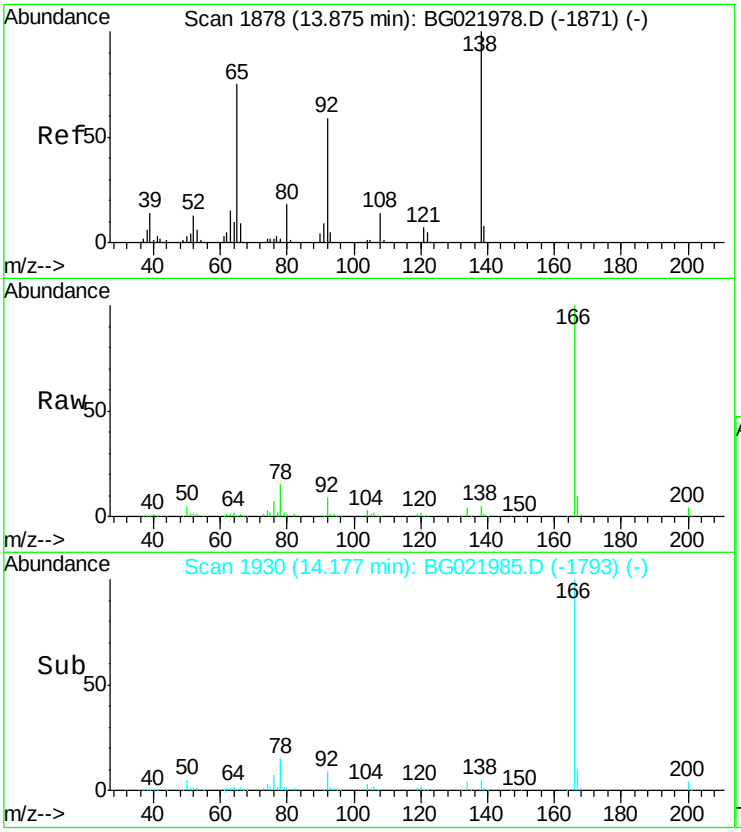


#28
Naphthalene
Concen: 0.02 ng/ul
RT: 10.60 min Scan# 1321
Delta R.T. -0.43 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:128 Resp: 216

Ion	Ratio	Lower	Upper
128	100		
129	1304.6	9.4	14.2#
127	0.0	11.2	16.8#



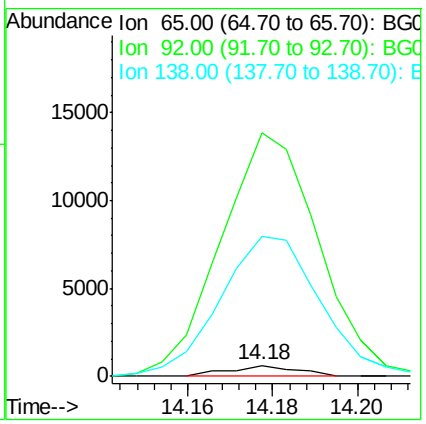


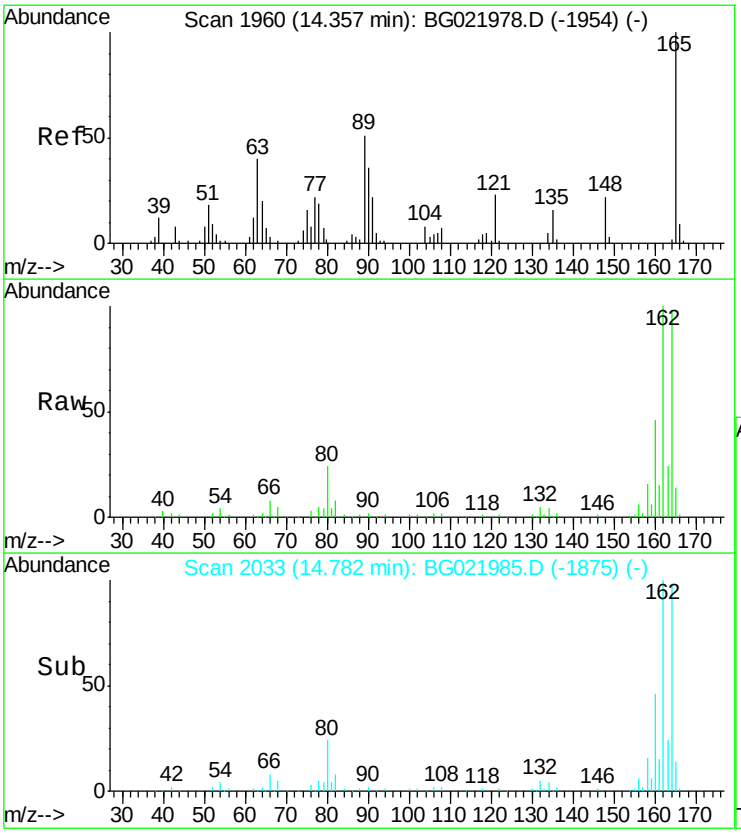
#43
2-Nitroaniline
Concen: 0.47 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.30 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion: 65 Resp: 688

Ion	Ratio	Lower	Upper
65	100		
92	2223.9	67.1	100.7#
138	1281.2	109.6	164.4#

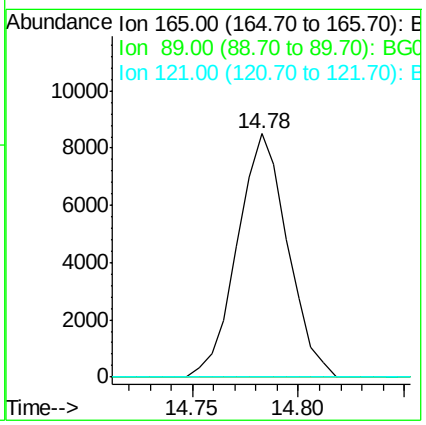


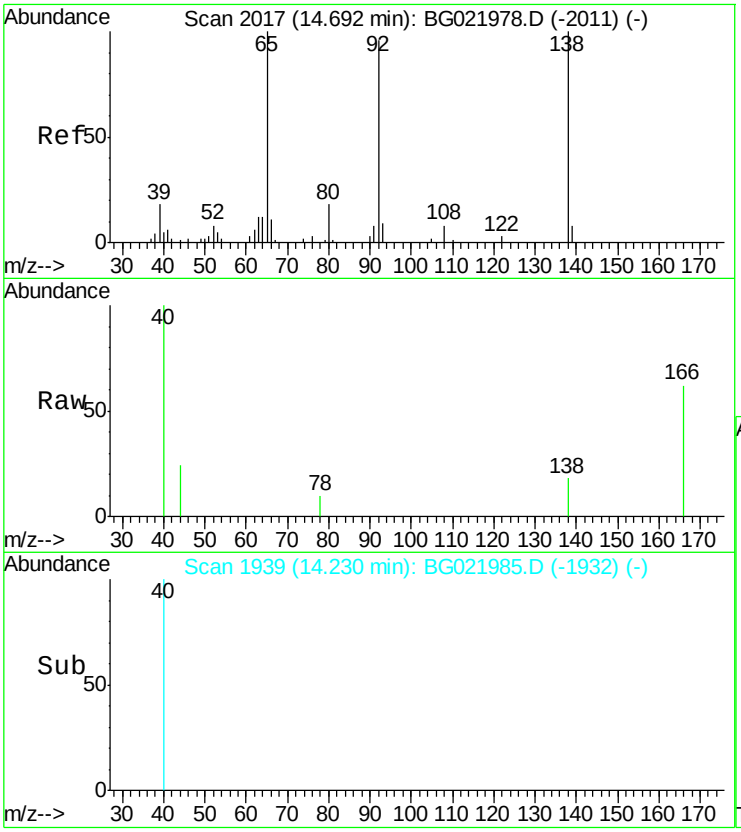


#46
2,6-Dinitrotoluene
Concen: 8.18 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. 0.43 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:165 Resp: 13995

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



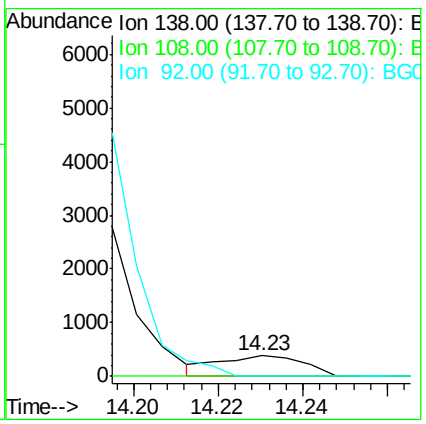


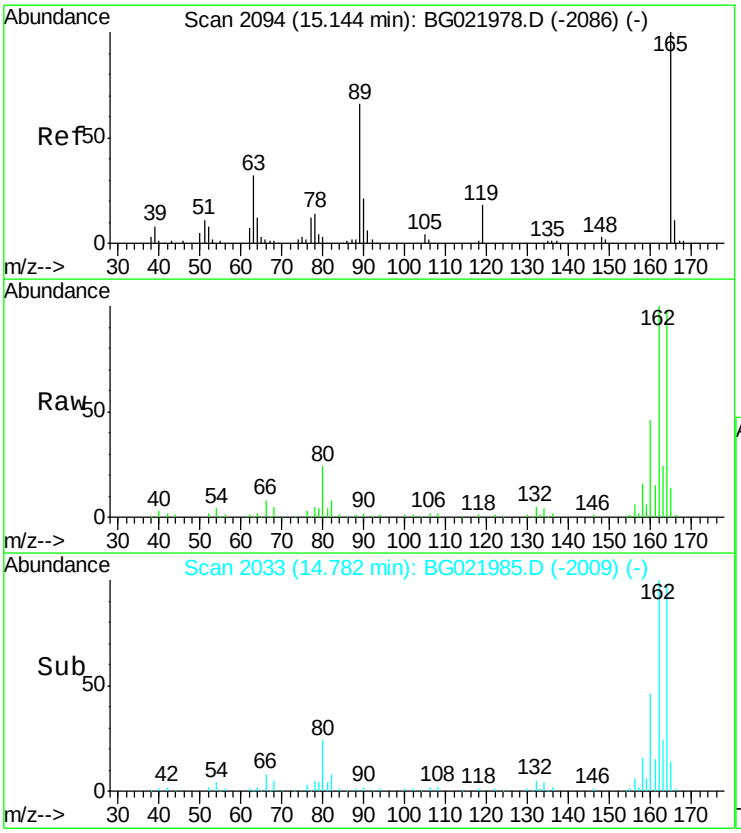
#49
3-Nitroaniline
Concen: 0.33 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.46 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion:138 Resp: 521

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

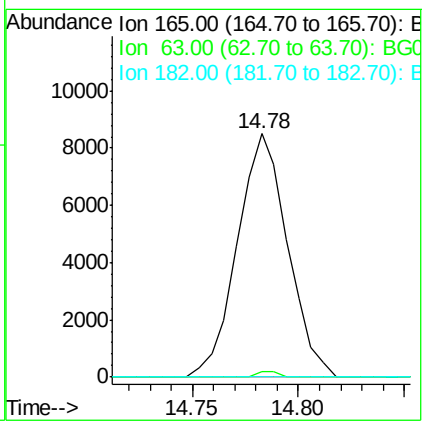


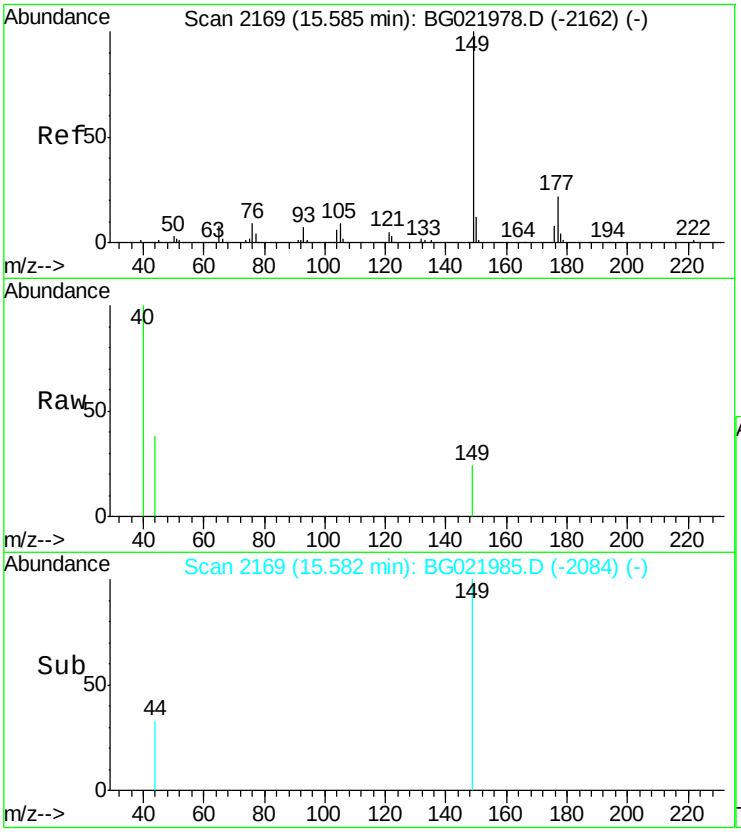


#55
2,4-Dinitrotoluene
Concen: 6.07 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.36 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:165 Resp: 13995

Ion	Ratio	Lower	Upper
165	100		
63	2.2	25.7	38.5#
182	0.0	2.1	3.1#



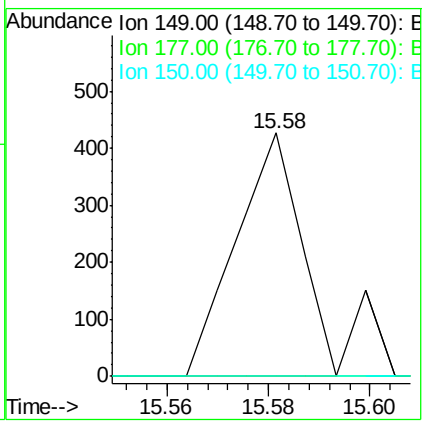


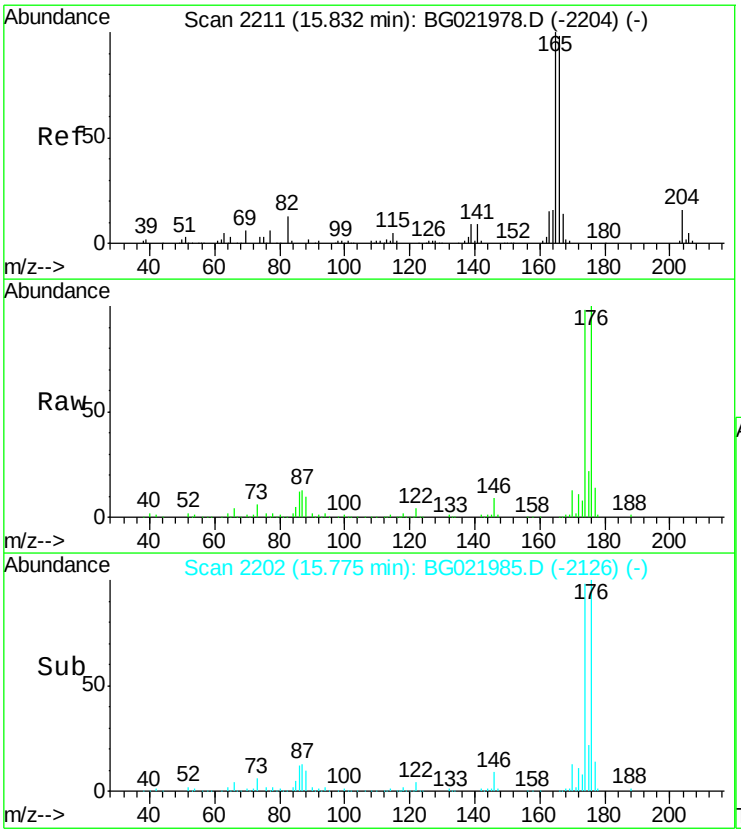
#57
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.58 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument : BNA_G
ClientSampleId : BD3G1

Tgt Ion:149 Resp: 380

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

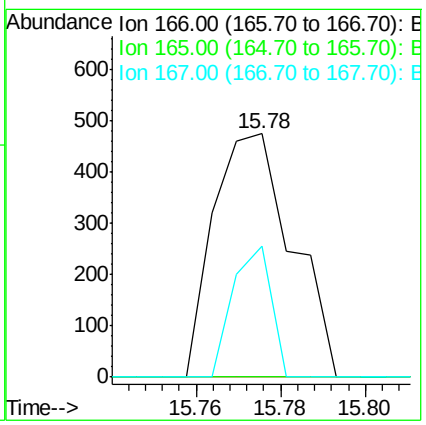


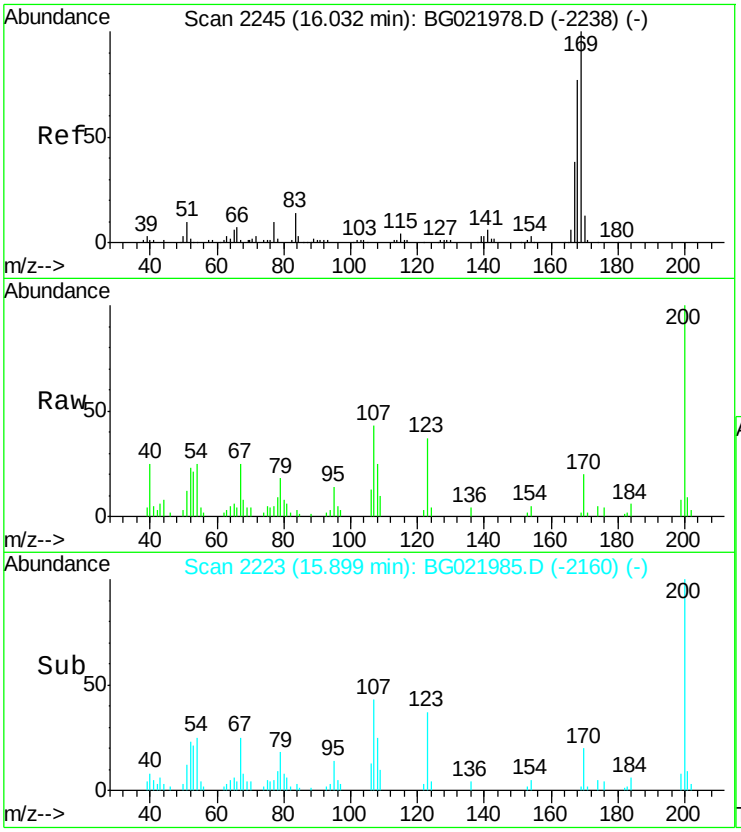


#59
Fluorene
Concen: 0.08 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. -0.06 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:166 Resp: 613

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.3	120.5#
167	54.0	10.3	15.5#



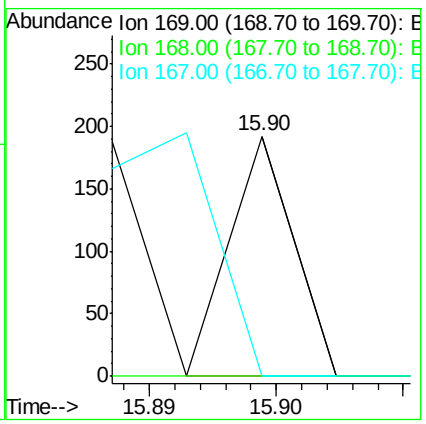


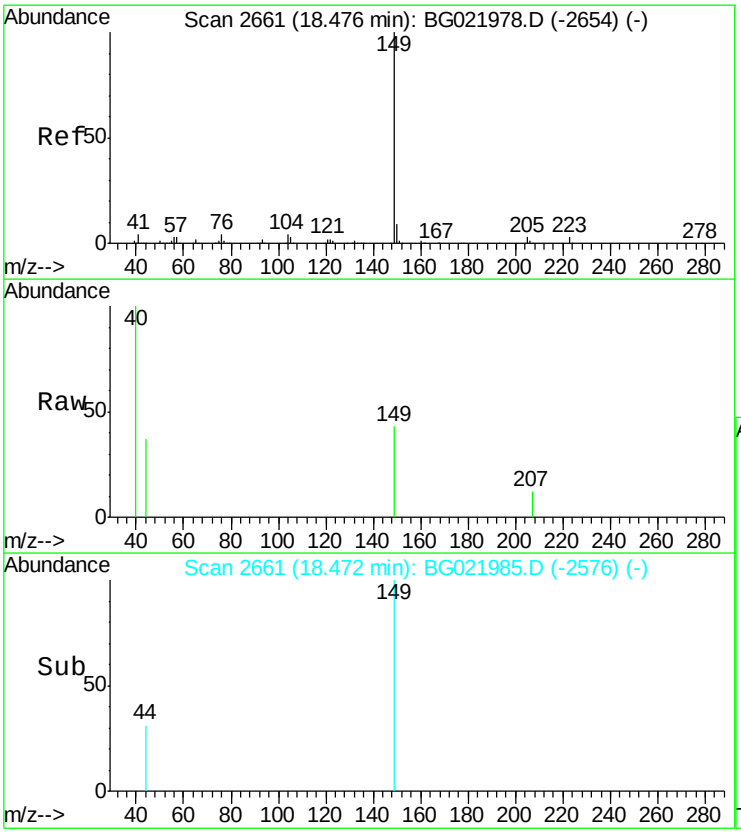
#65
N-Nitrosodiphenylamine
Concen: 0.01 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.13 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion:169 Resp: 68

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

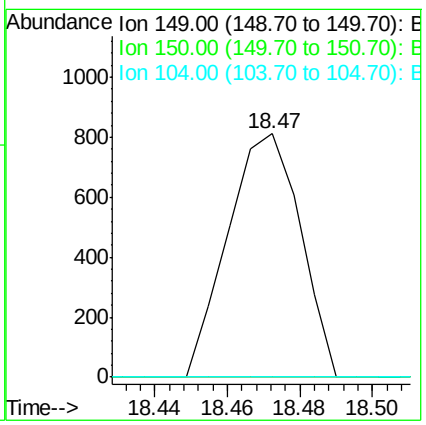


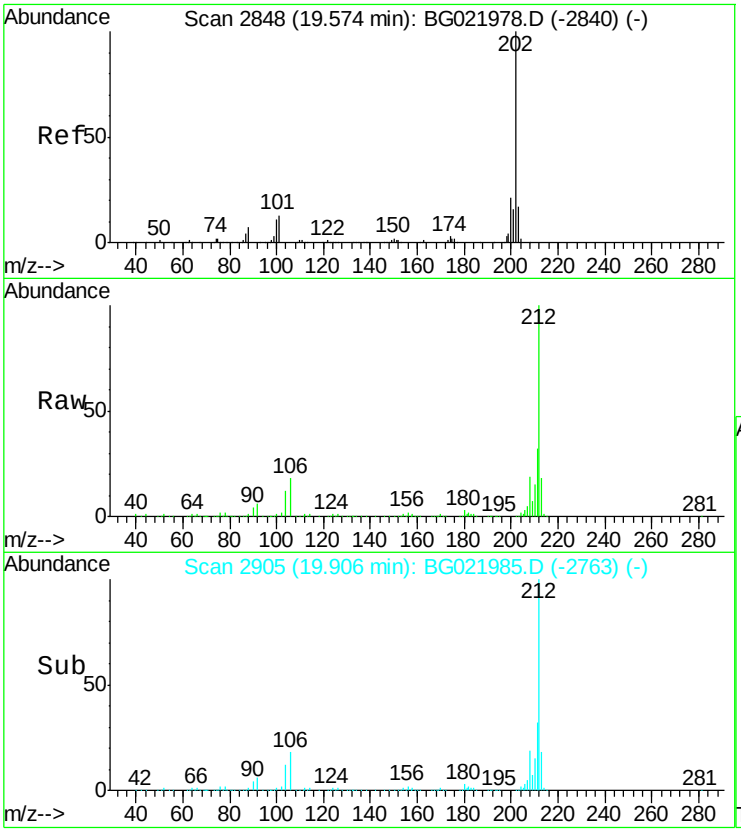


#74
Di-n-butylphthalate
Concen: 0.08 ng/ul
RT: 18.47 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:149 Resp: 1126

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



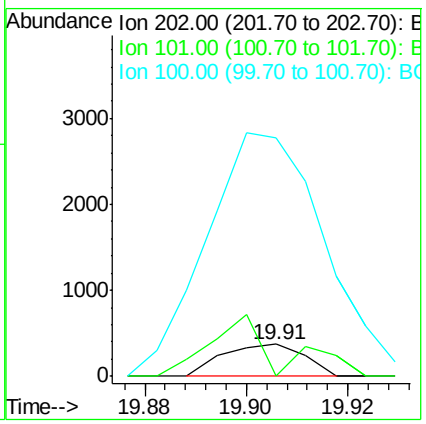


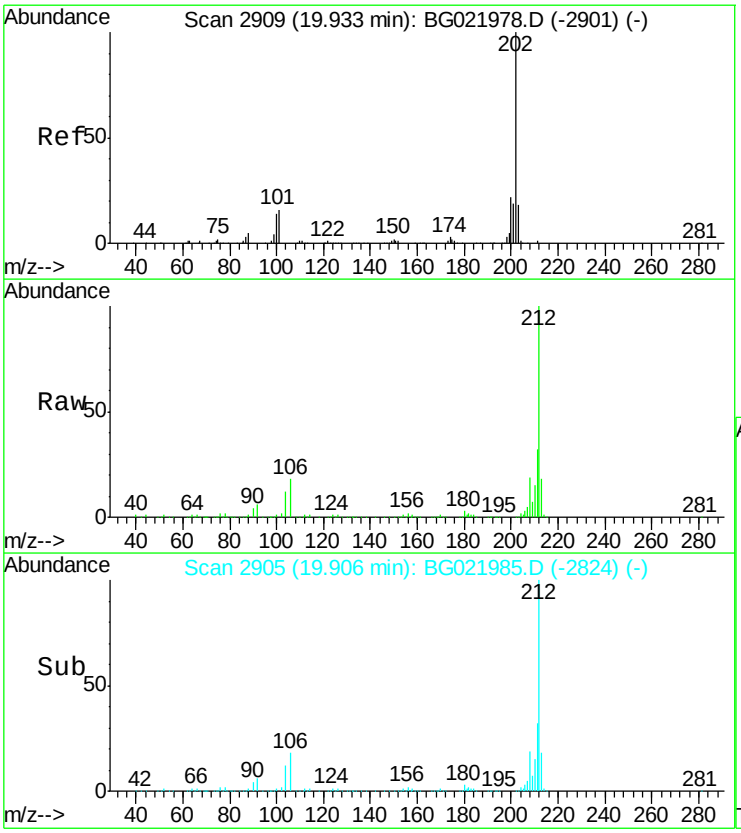
#75
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. 0.33 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion:202 Resp: 416

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	746.4	8.7	13.1#

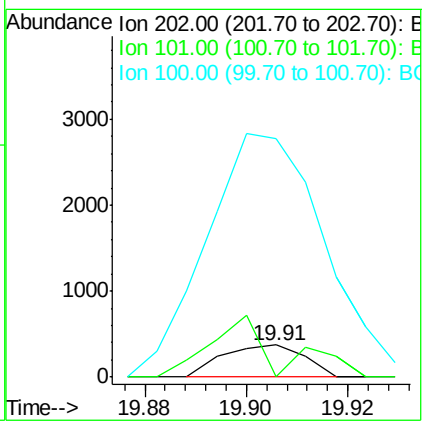


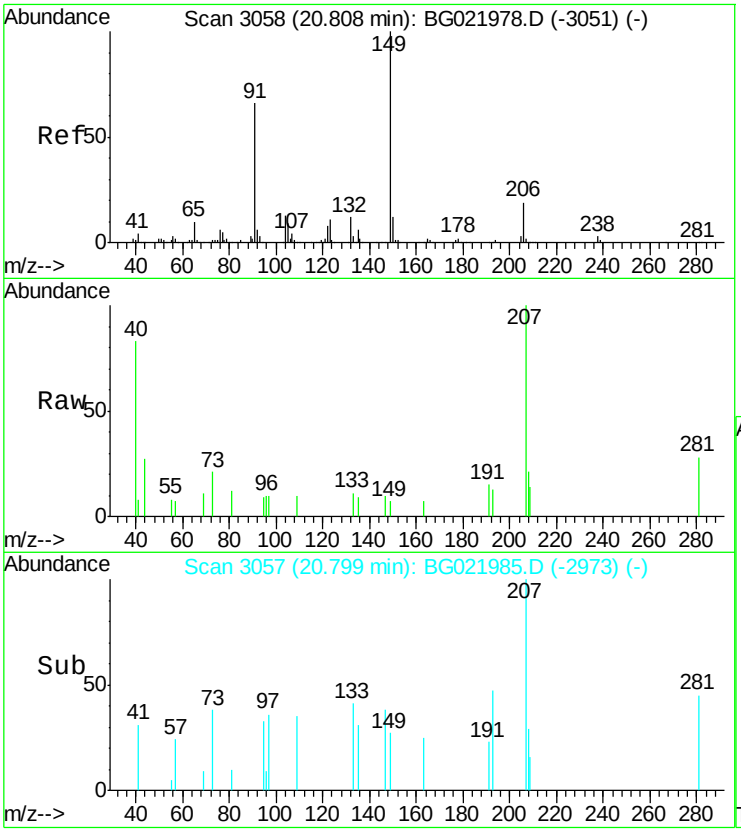


#78
Pyrene
Concen: 0.03 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. -0.03 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:202 Resp: 416

Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	746.4	10.2	15.4#



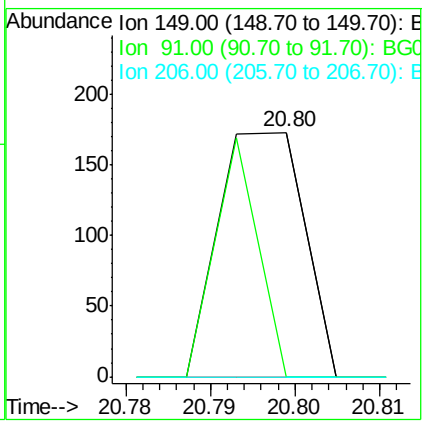


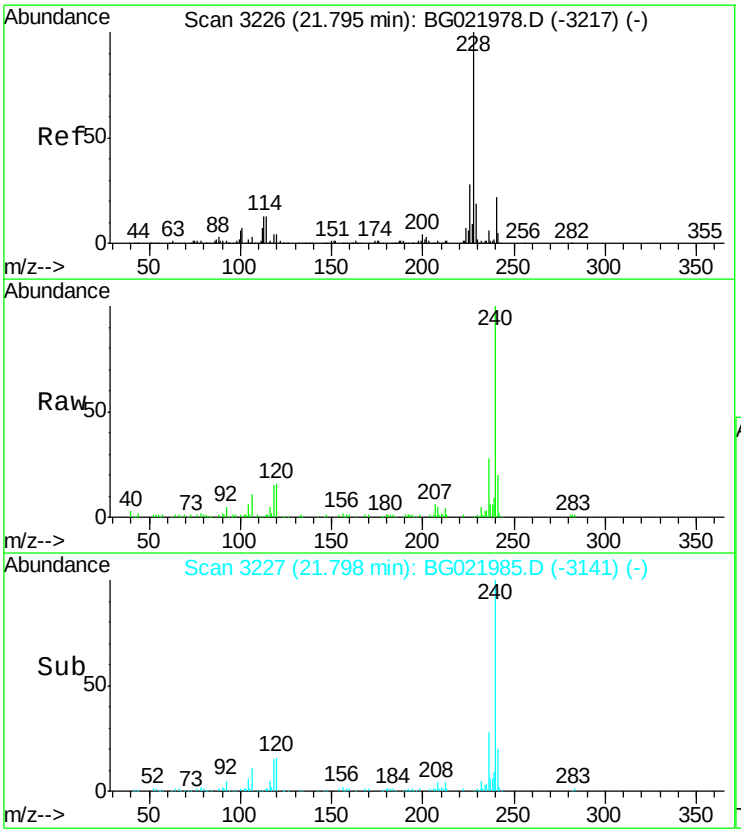
#79
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.80 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion:149 Resp: 122

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

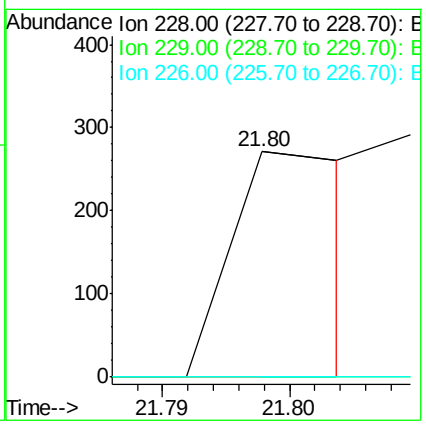


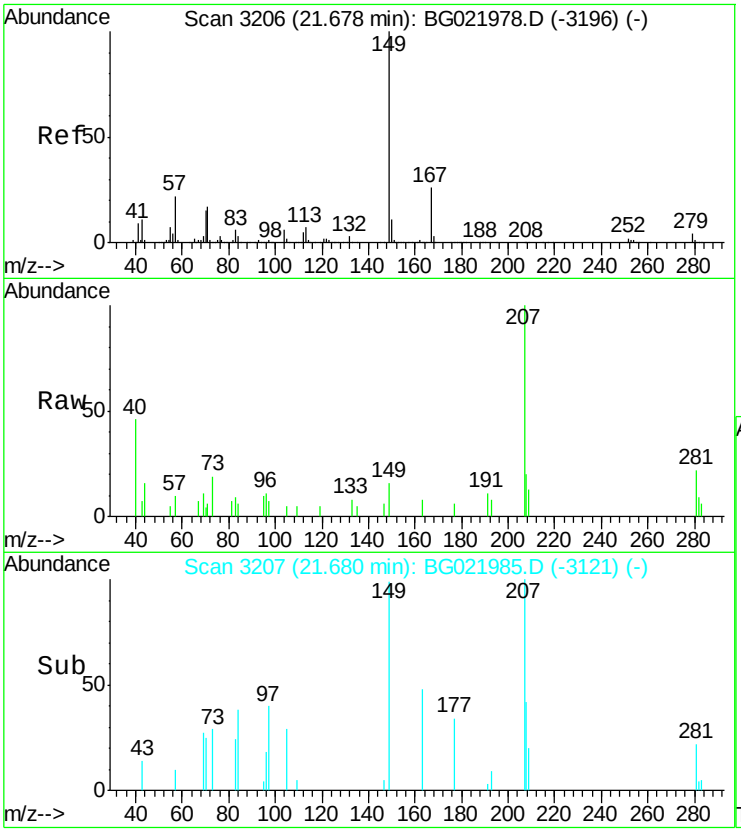


#81
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.80 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:228 Resp: 188

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



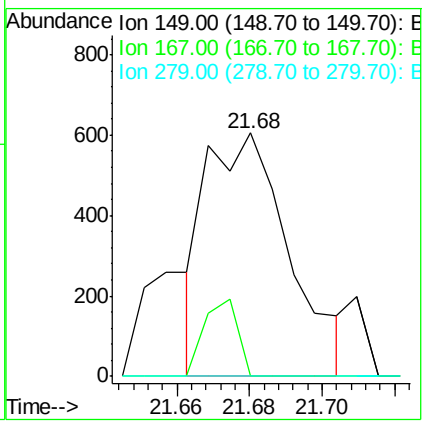


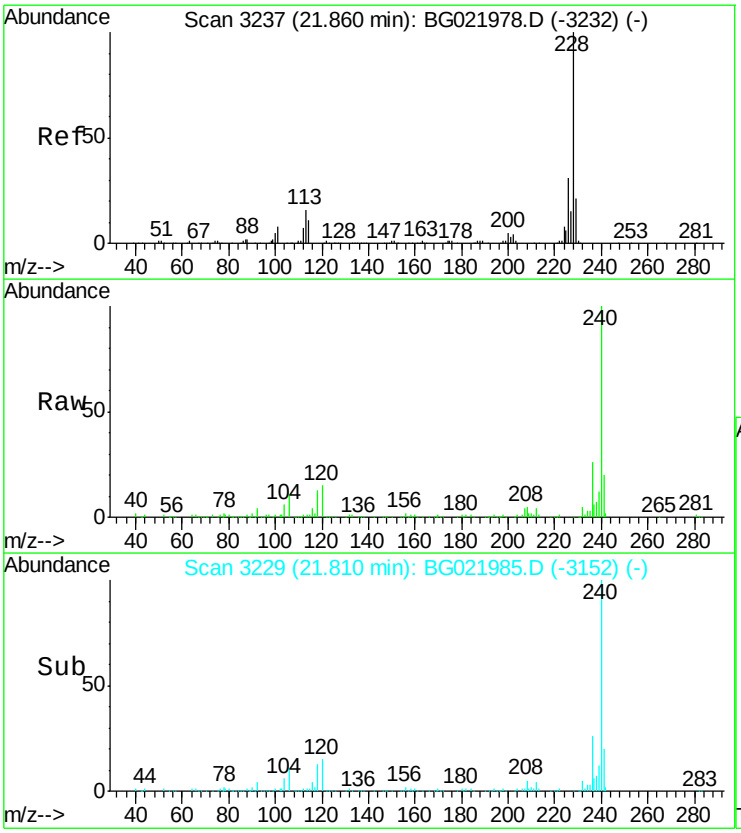
#82
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion:149 Resp: 959

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

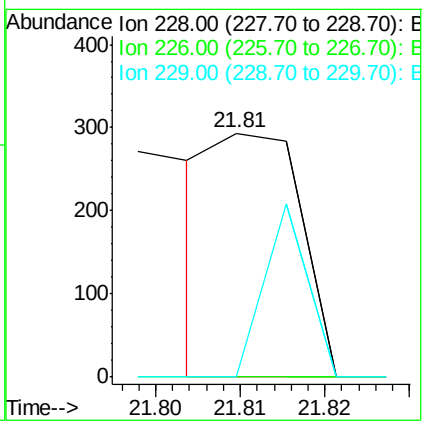


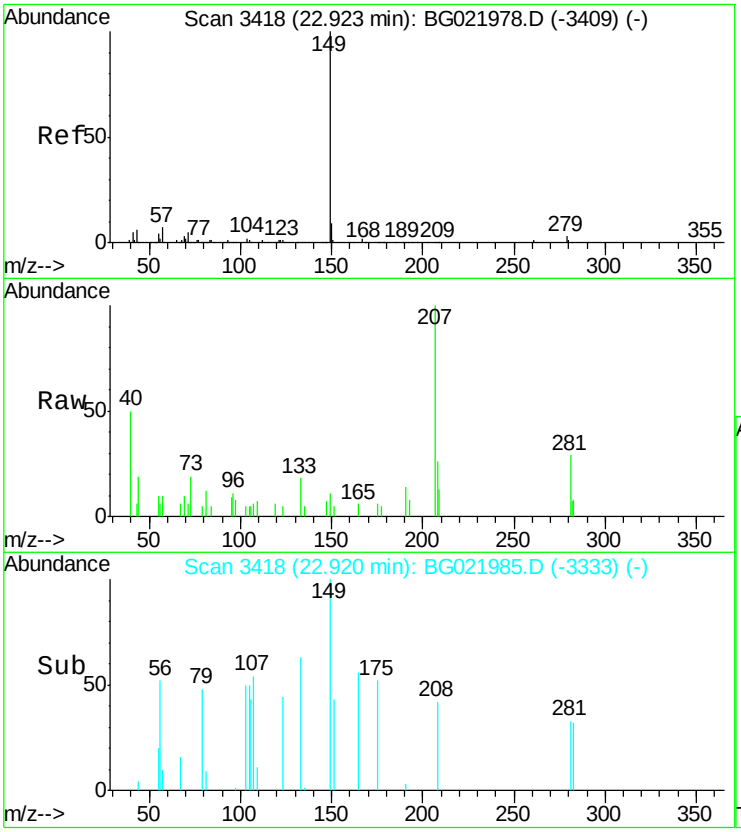


#83
Chrysene
Concen: 0.02 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.05 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:228 Resp: 203

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

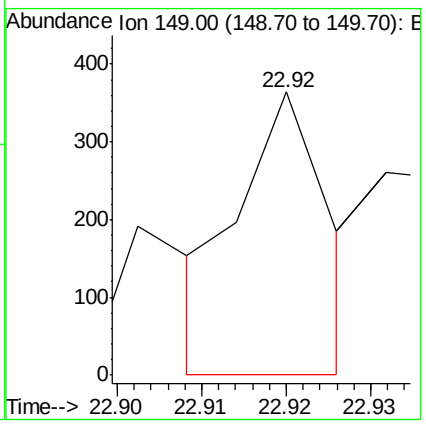


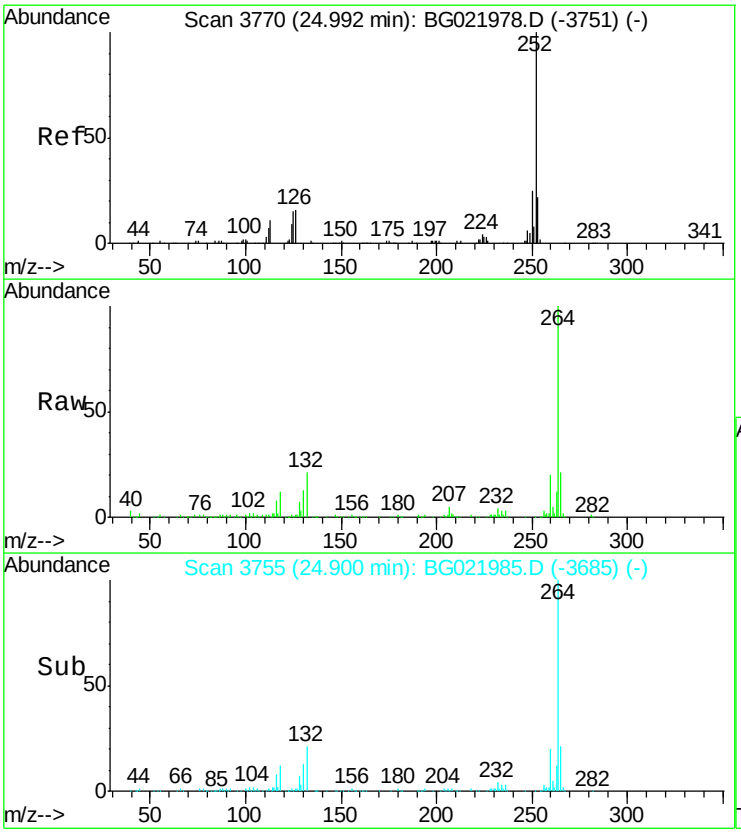


#85
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.92 min Scan# 3418
Delta R.T. -0.00 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
BD3G1

Tgt Ion:149 Resp: 263





#89
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 24.90 min Scan# 3755
Delta R.T. -0.09 min
Lab File: BG021985.D
Acq: 21 May 2016 20:36

Tgt Ion:252 Resp: 565

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	70.2	12.0	18.0#