Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021981.D
Acq On : 21 May 2016 17:55
Operator : UM/SJ
Sample : PB90676BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK60

Quant Time: May 22 06:43:36 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	35971	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	189346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	105937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	220977	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	202927	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	182847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5353	7.75	ng/uL	0.00
5) Phenol-d5	7.31	99	109955	33.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	59222	34.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	94210	34.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	93548	33.94	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	48059	34.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	51851	34.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	86604	31.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	75125	25.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	291864	36.68	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	392862	35.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	38130	27.83	ng/ul	0.00
58) Fluorene-d10	15.78	176	264526	35.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	32388	28.04	ng/ul	0.00
71) Anthracene-d10	17.63	188	382054	35.92	ng/ul	0.00
77) Pyrene-d10	19.91	212	420844	36.78	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	326157	38.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	170	0.14	ng/uL#	30
4) Benzaldehyde	7.69	77	1732	0.97	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.57	93	169	0.07	ng/ul#	23
12) 2,2'-oxybis(1-Chloropropan	8.86	45	336	0.12	ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.86	70	1739	0.87	ng/ul#	1
17) Hexachloroethane	8.86	117	281	0.26	ng/ul#	10
21) Isophorone	9.86	82	91	0.02	ng/ul#	64
28) Naphthalene	10.62	128	63	0.01	ng/ul#	1
43) 2-Nitroaniline	14.18	65	834	0.57	ng/ul#	1
46) 2,6-Dinitrotoluene	14.20	165	266	0.16	ng/ul#	34
49) 3-Nitroaniline	14.22	138	577	0.36	ng/ul#	6
55) 2,4-Dinitrotoluene	14.78	165	14329	6.20	ng/ul#	46
59) Fluorene	15.78	166	519	0.06	ng/ul#	1
65) N-Nitrosodiphenylamine	15.90	169	213	0.03	ng/ul#	21
74) Di-n-butylphthalate	18.47	149	307	0.02	ng/ul#	79
75) Fluoranthene	19.91	202	820	0.07	ng/ul#	1
78) Pyrene	19.91	202	820	0.06	ng/ul#	1
79) Butylbenzylphthalate	20.80	149	82	0.01	ng/ul#	25
81) Benzo(a)anthracene	21.82	228	571	0.05	ng/ul#	51
82) Bis(2-ethylhexyl)phthalate	21.67	149	498	0.05	ng/ul#	52
83) Chrysene	21.82	228	571	0.05	ng/ul#	50
85) Di-n-octyl phthalate	22.93	149	308	0.02	ng/ul	100
89) Benzo(a)pyrene	25.01	252	126	0.01	ng/ul#	5

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021981.D
Acq On : 21 May 2016 17:55
Operator : UM/SJ
Sample : PB90676BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK60

Quant Time: May 22 06:43:36 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)

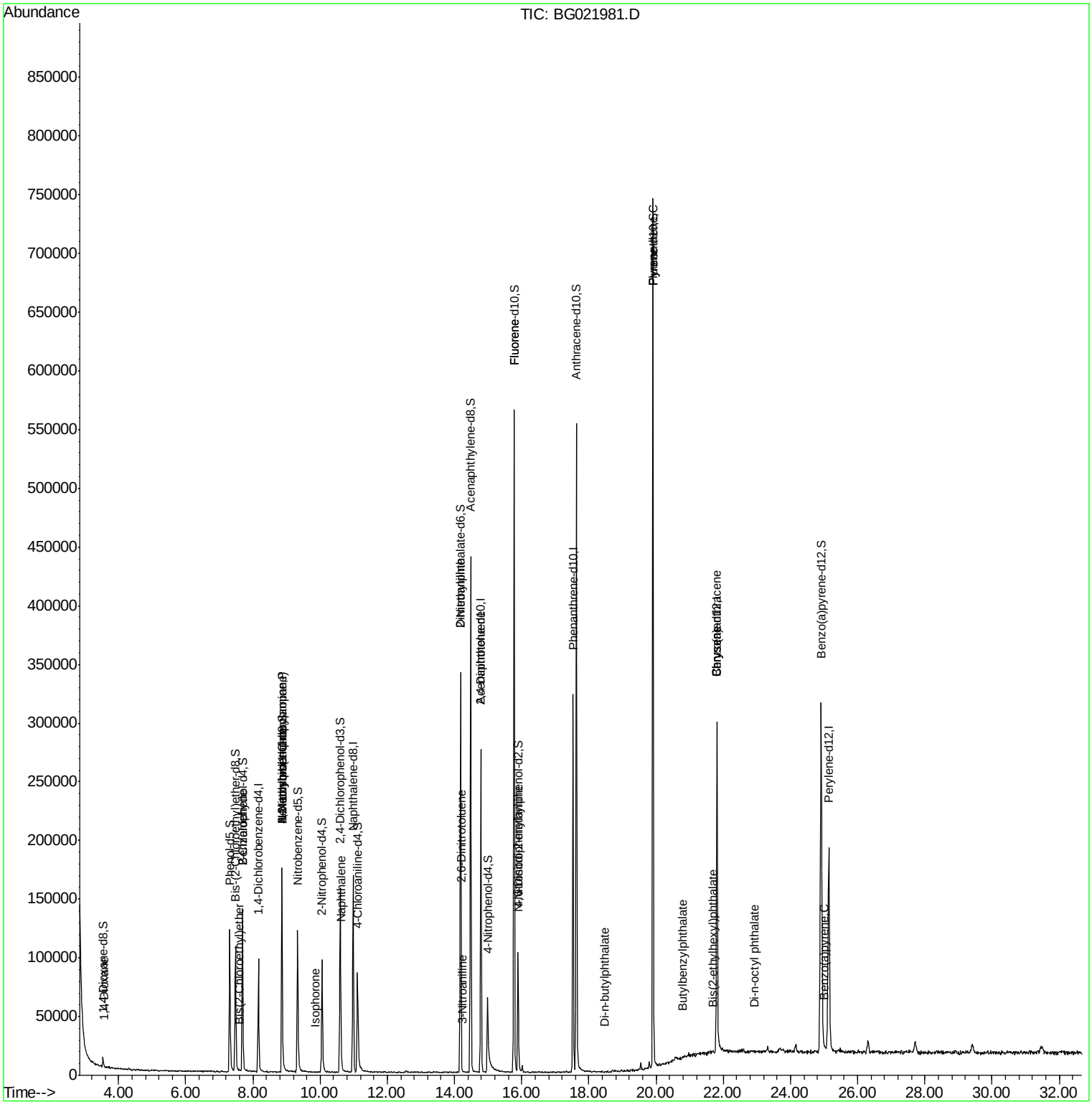
(#) = qualifier out of range (m) = manual integration (+) = signals summed

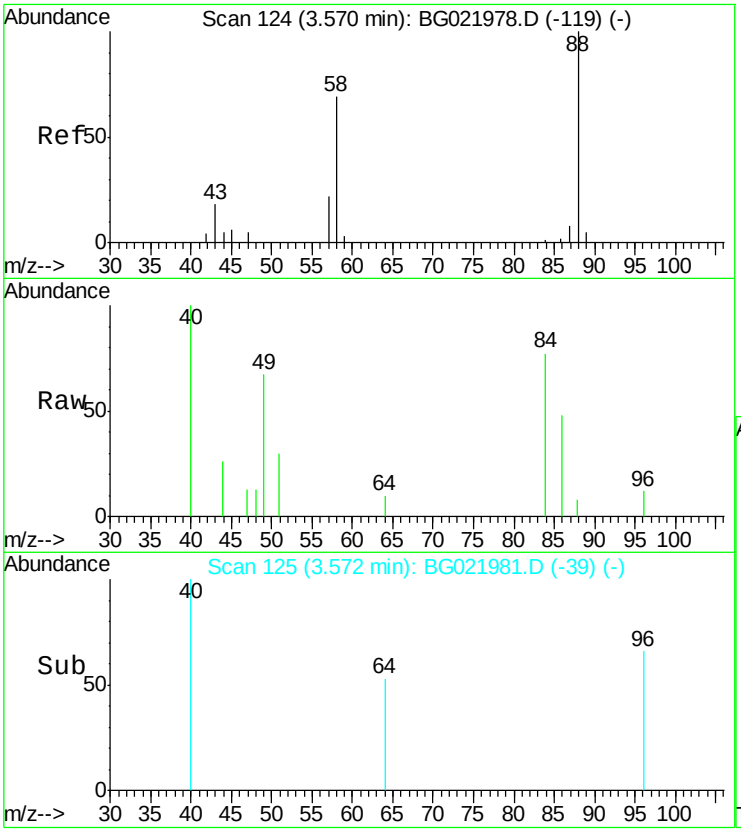
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021981.D
Acq On : 21 May 2016 17:55
Operator : UM/SJ
Sample : PB90676BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK60

Quant Time: May 22 06:43:36 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



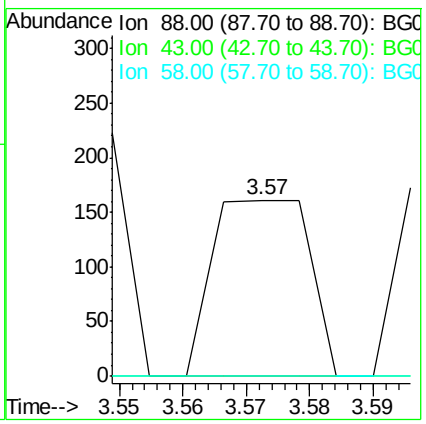


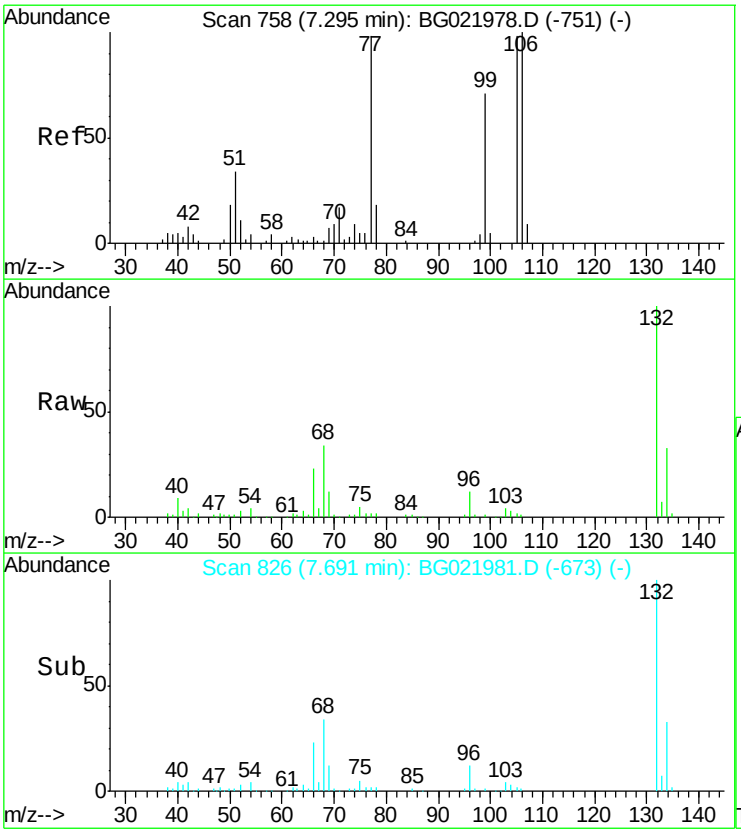
#2
1,4-Dioxane
Concen: 0.14 ng/uL
RT: 3.57 min Scan# 125
Delta R.T. 0.00 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion: 88 Resp: 170

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

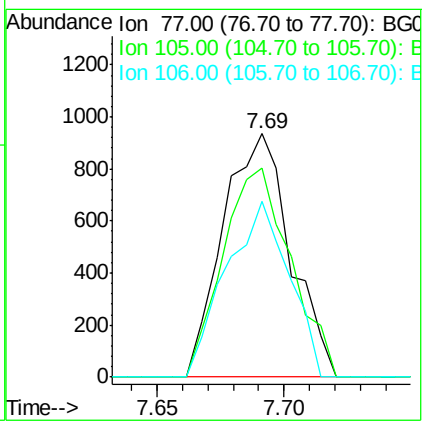


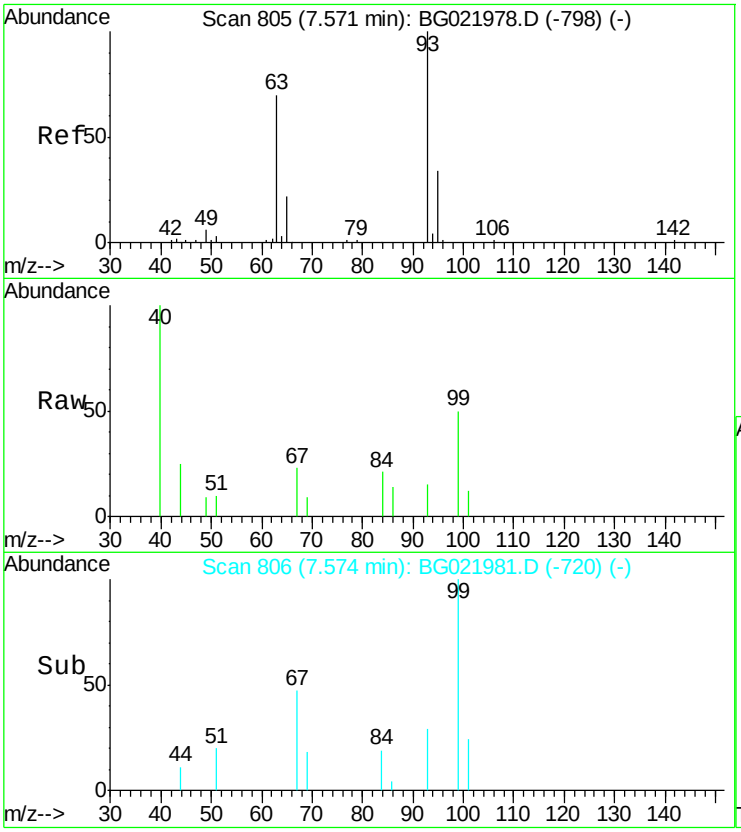


#4
Benzaldehyde
Concen: 0.97 ng/ul
RT: 7.69 min Scan# 826
Delta R.T. 0.40 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion: 77 Resp: 1732

Ion	Ratio	Lower	Upper
77	100		
105	85.8	83.8	125.8
106	72.4	77.9	116.9#



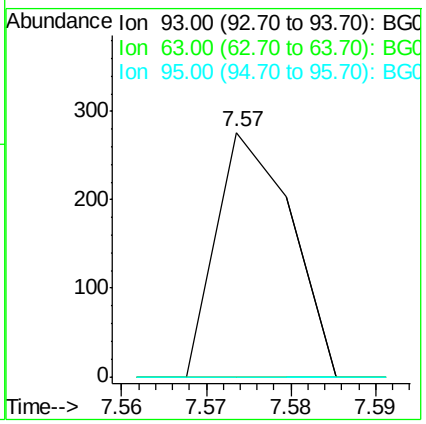


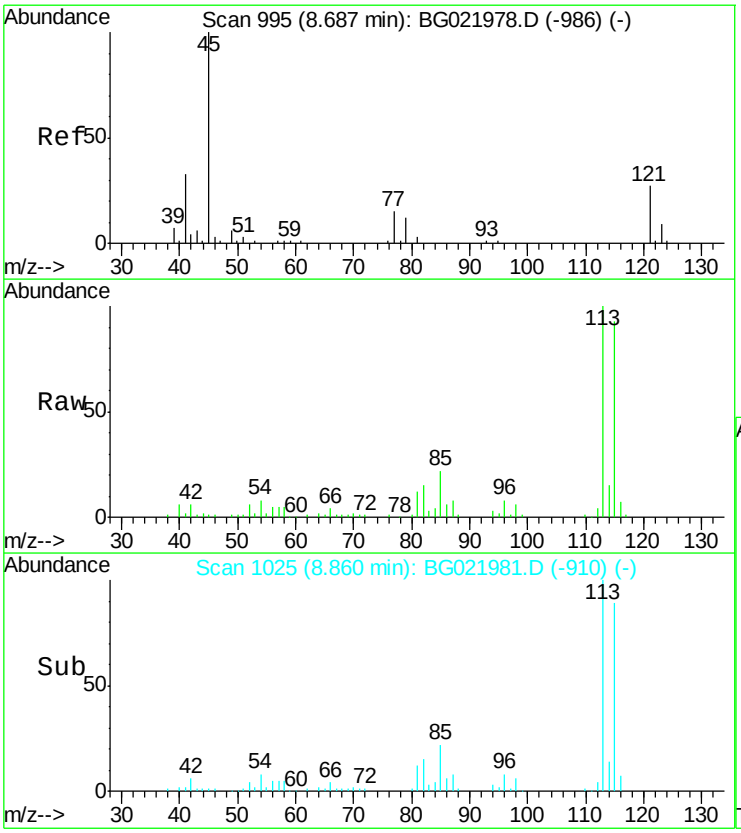
#8
Bis(2-Chloroethyl)ether
Concen: 0.07 ng/ul
RT: 7.57 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion: 93 Resp: 169

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

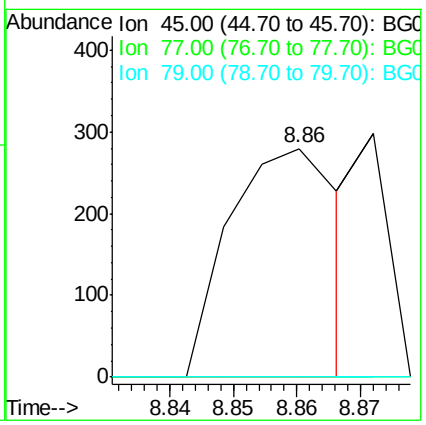


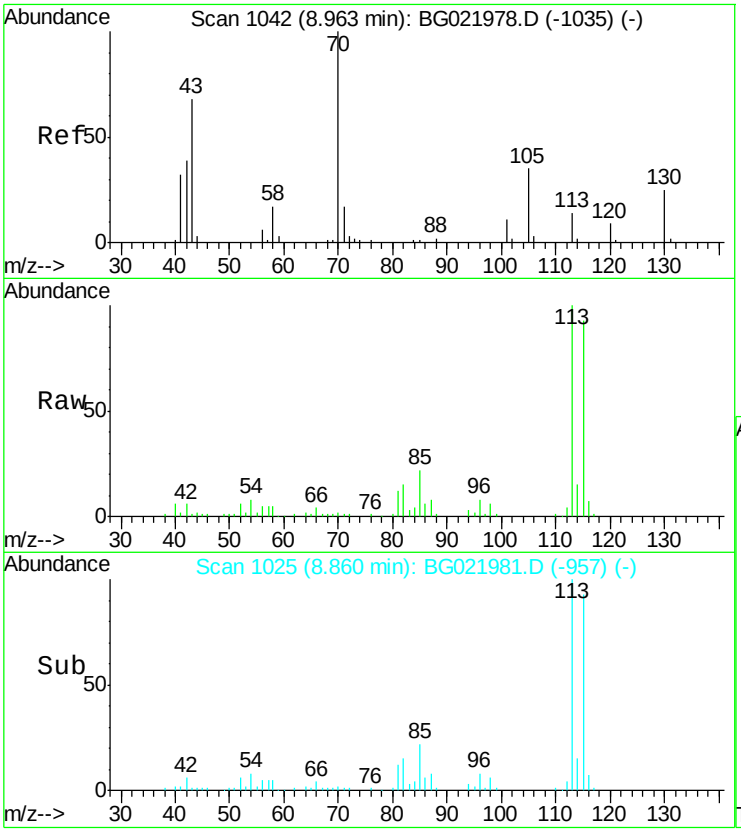


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.12 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.17 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion: 45 Resp: 336

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



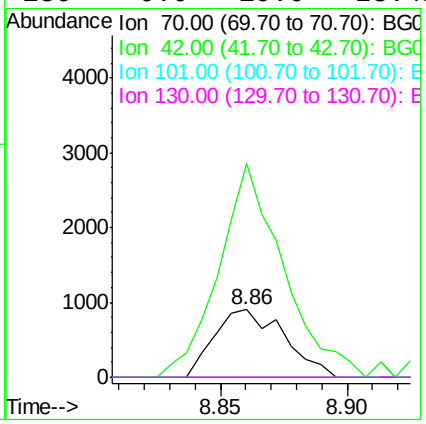


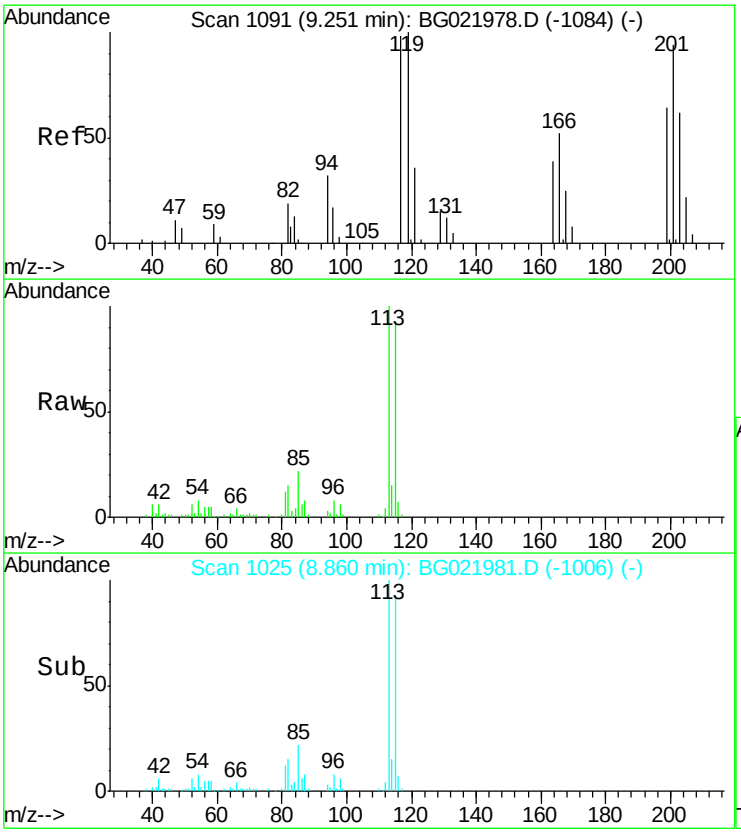
#15
N-Nitroso-di-n-propylamine
Concen: 0.87 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. -0.10 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion: 70 Resp: 1739

Ion	Ratio	Lower	Upper
70	100		
42	316.5	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#

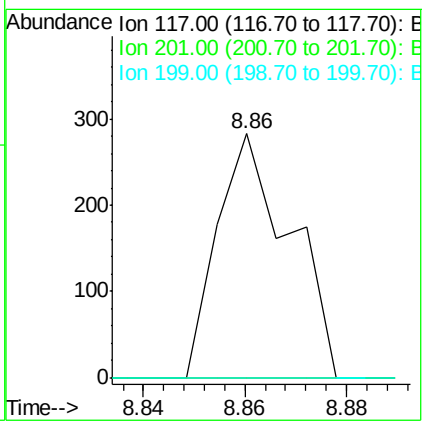


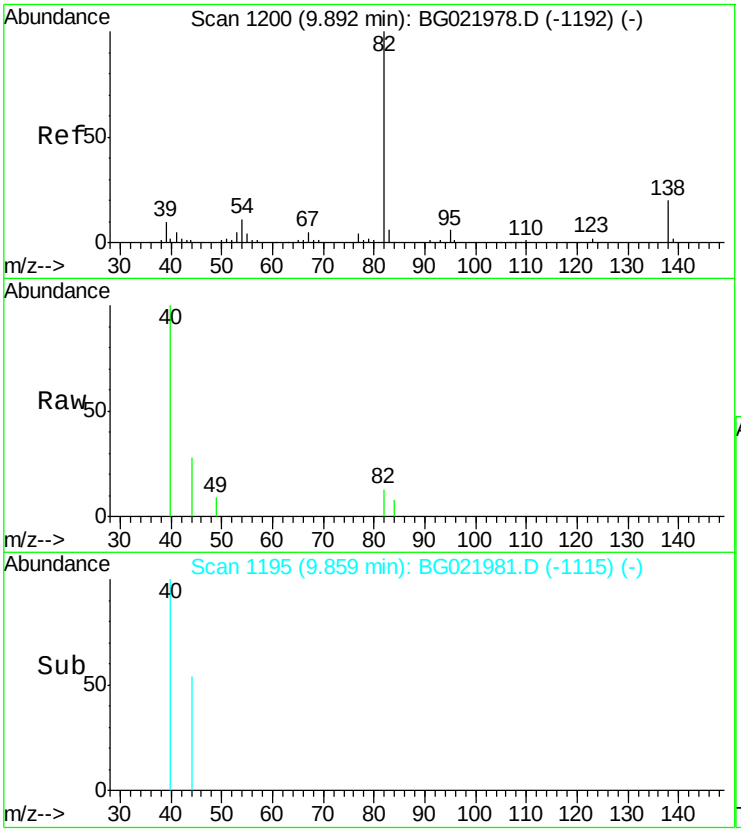


#17
Hexachloroethane
Concen: 0.26 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. -0.39 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:117 Resp: 281

Ion	Ratio	Lower	Upper
117	100		
201	0.0	76.8	115.2#
199	0.0	43.5	65.3#



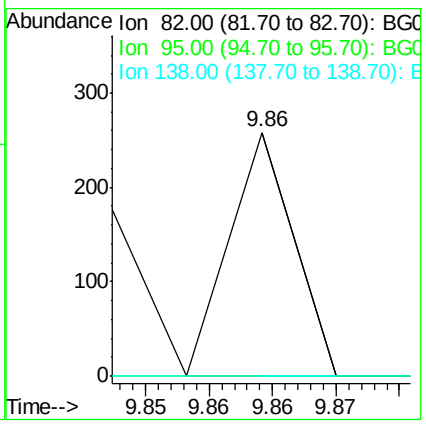


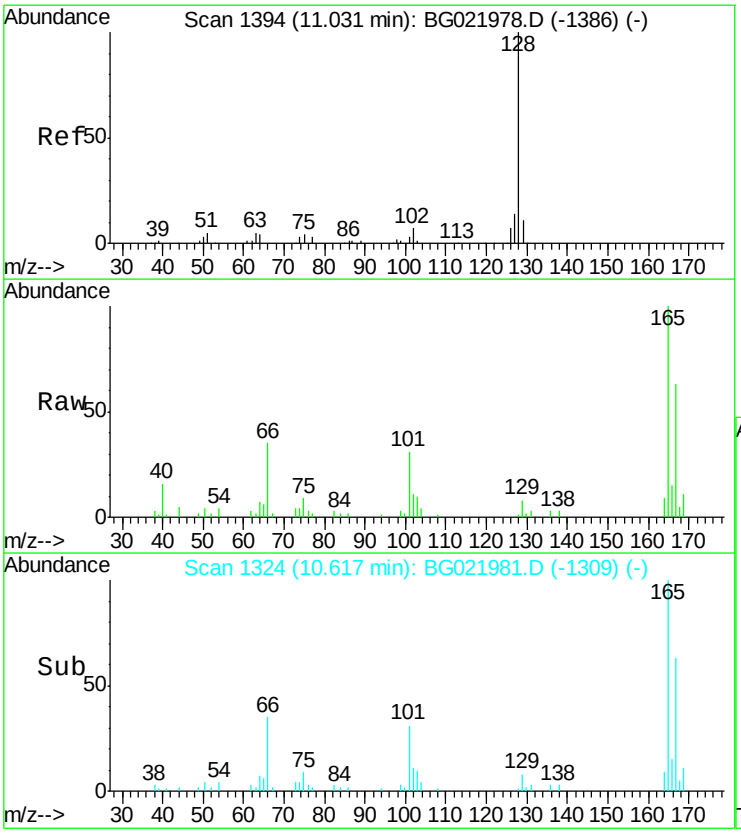
#21
Isophorone
Concen: 0.02 ng/ul
RT: 9.86 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion: 82 Resp: 91

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

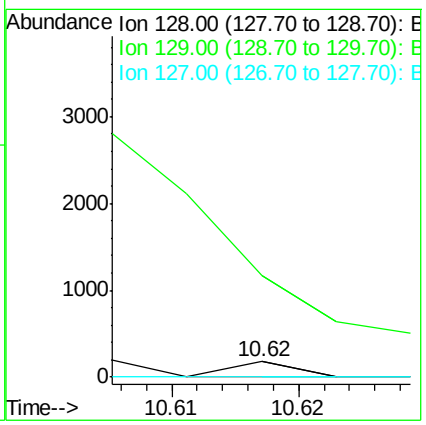


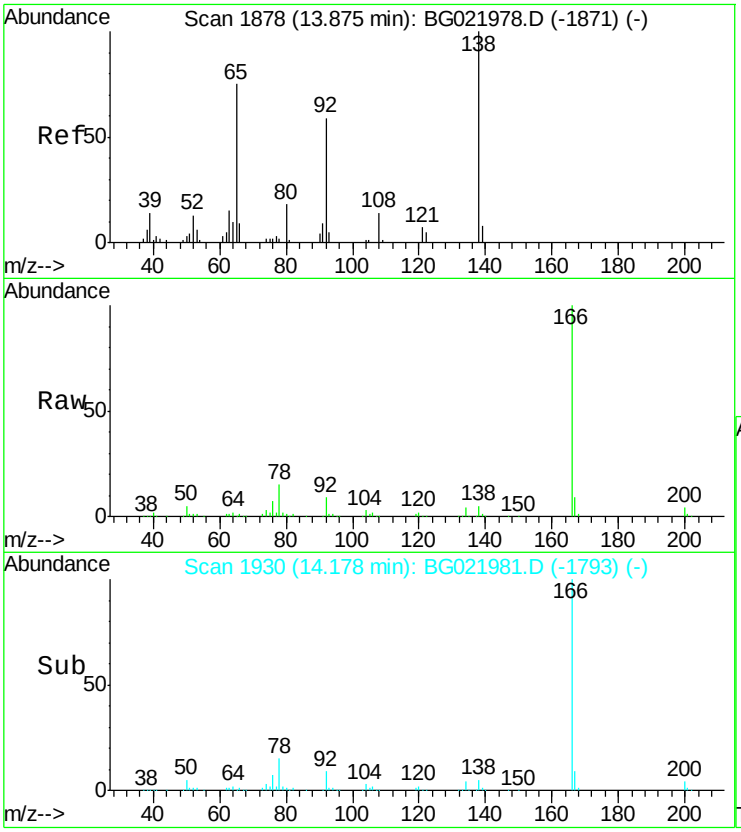


#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.62 min Scan# 1324
Delta R.T. -0.41 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:128 Resp: 63

Ion	Ratio	Lower	Upper
128	100		
129	652.2	9.4	14.2#
127	0.0	11.2	16.8#



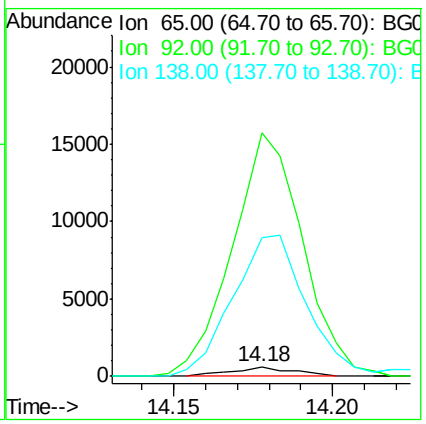


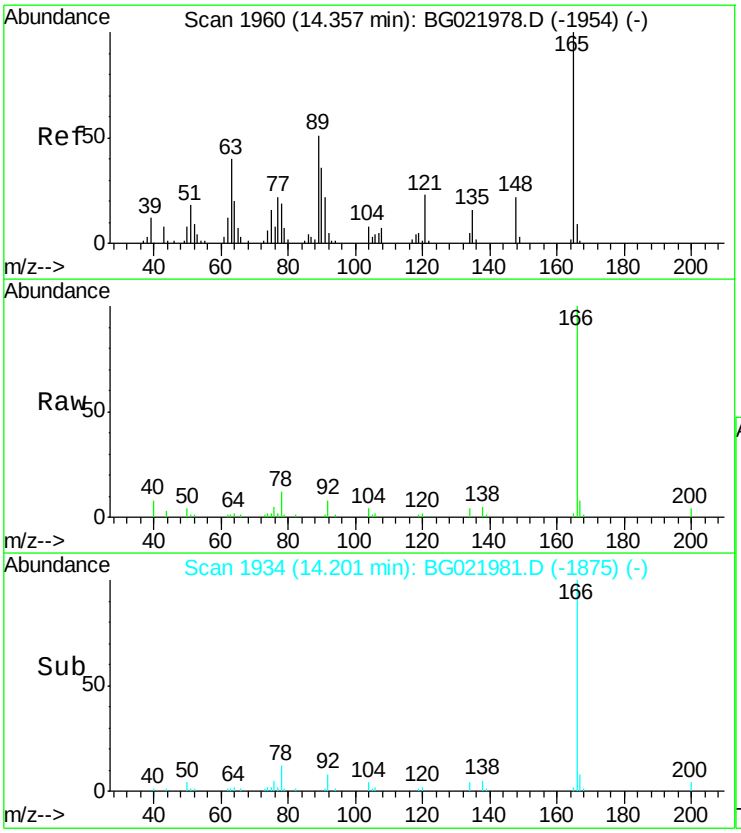
#43
2-Nitroaniline
Concen: 0.57 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.30 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion: 65 Resp: 834

Ion	Ratio	Lower	Upper
65	100		
92	2546.1	67.1	100.7#
138	1443.4	109.6	164.4#

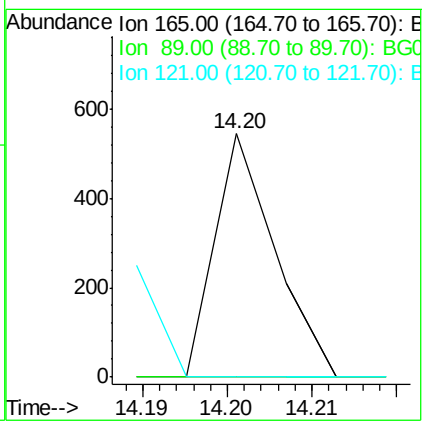


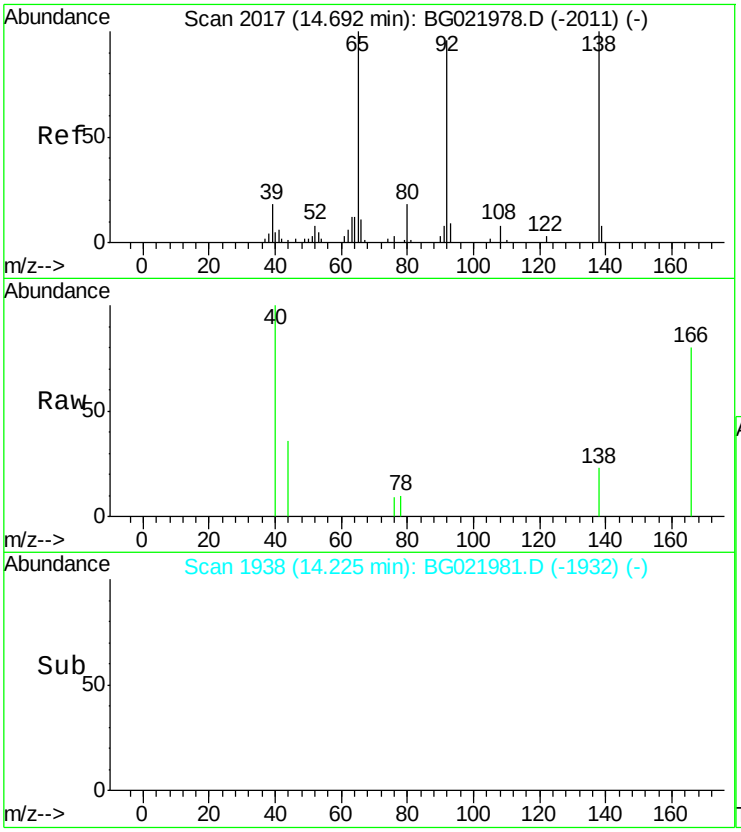


#46
2,6-Dinitrotoluene
Concen: 0.16 ng/ul
RT: 14.20 min Scan# 1934
Delta R.T. -0.16 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:165 Resp: 266

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



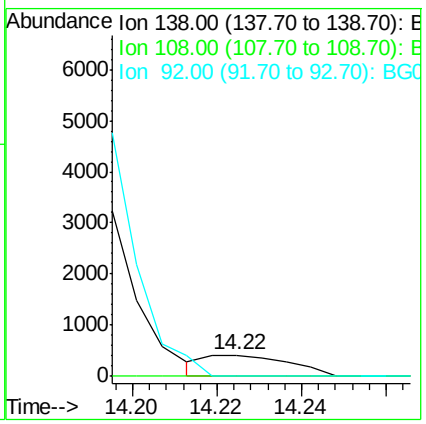


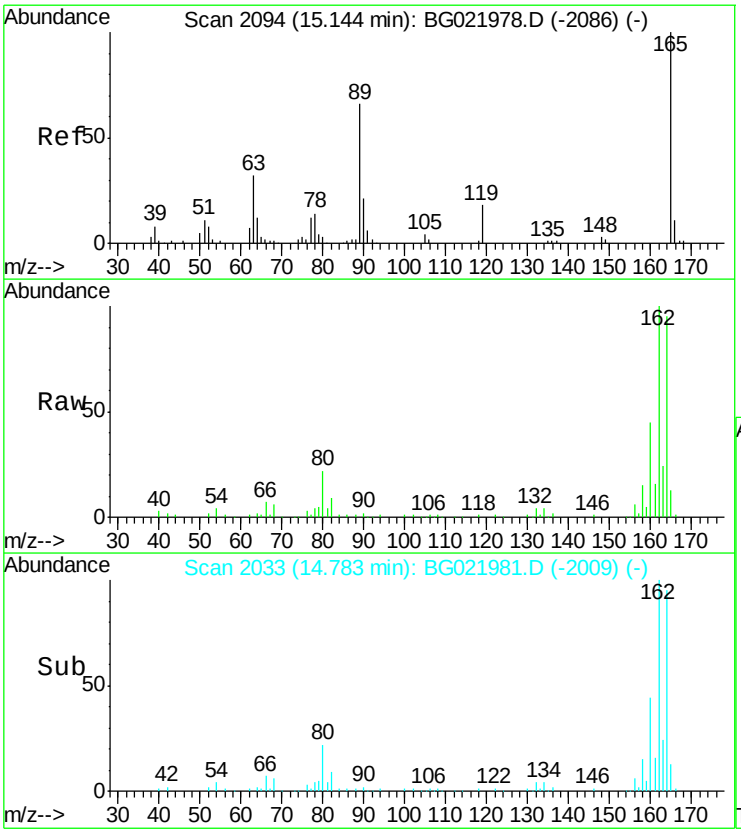
#49
3-Nitroaniline
Concen: 0.36 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.47 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:138 Resp: 577

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

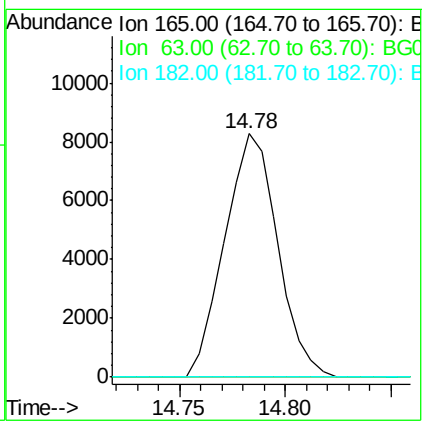


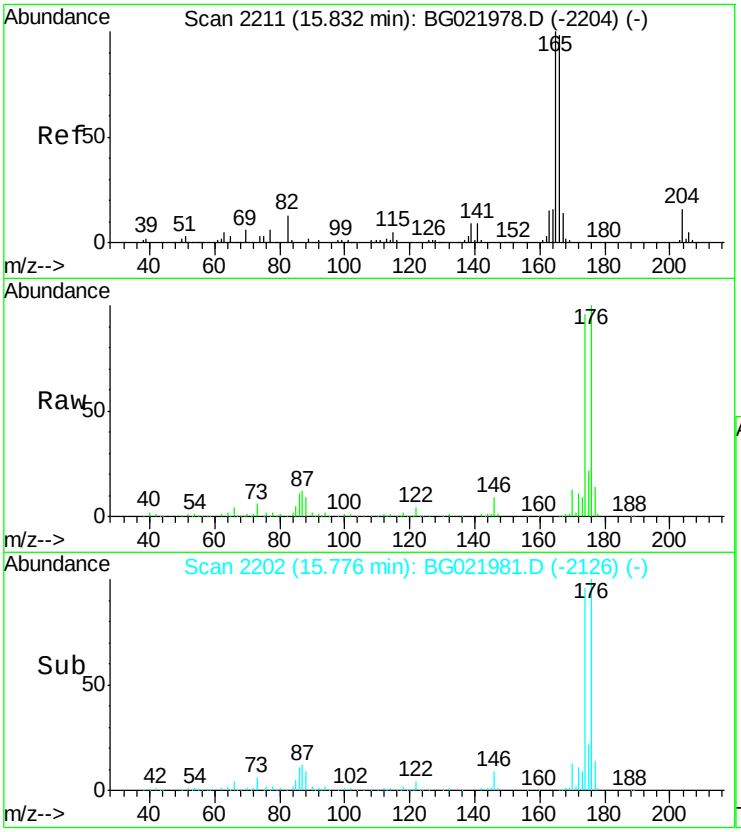


#55
2,4-Dinitrotoluene
Concen: 6.20 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.36 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:165 Resp: 14329

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



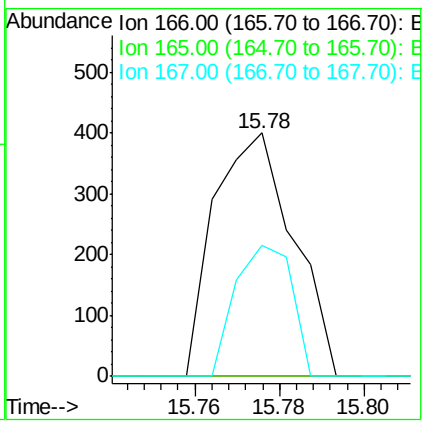


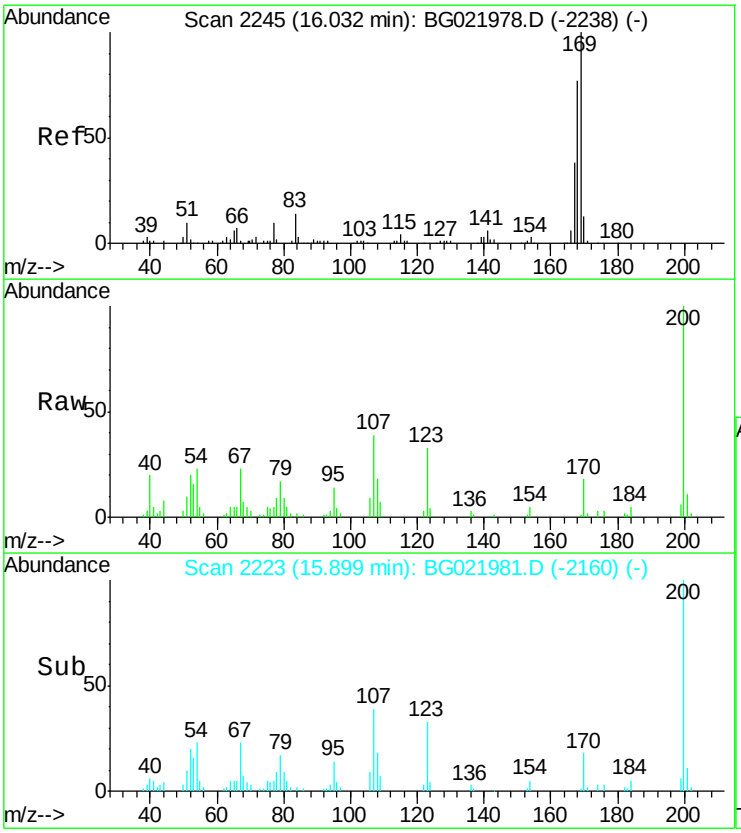
#59
Fluorene
Concen: 0.06 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. -0.06 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:166 Resp: 519

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

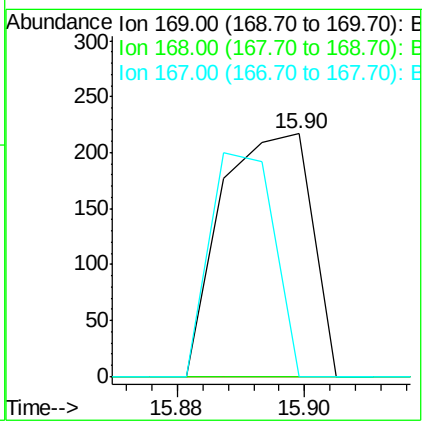


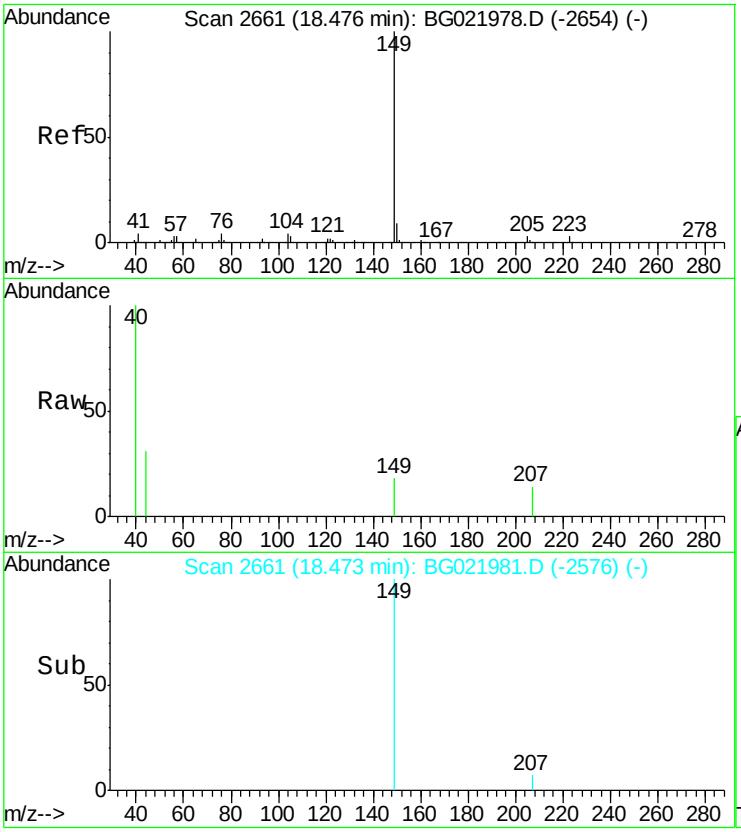


#65
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.13 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:169 Resp: 213

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



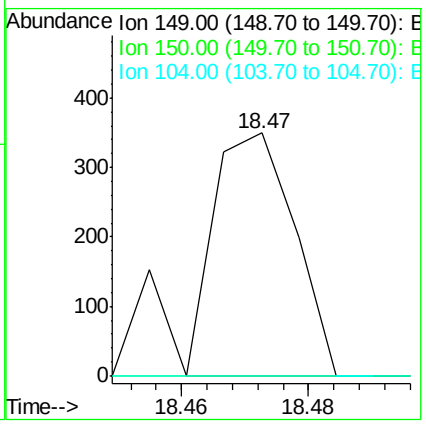


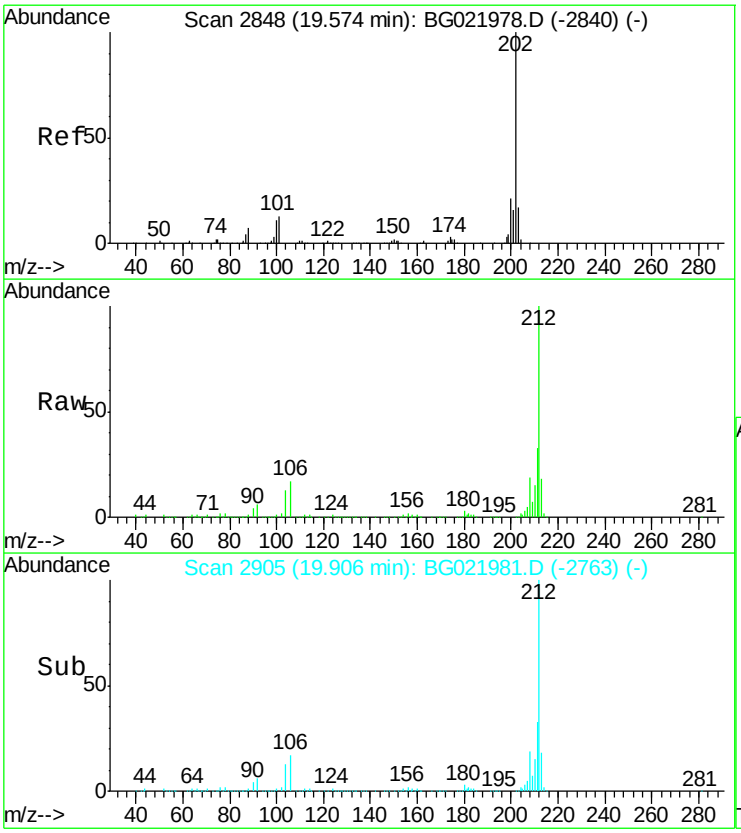
#74
Di-n-butylphthalate
Concen: 0.02 ng/ul
RT: 18.47 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:149 Resp: 307

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

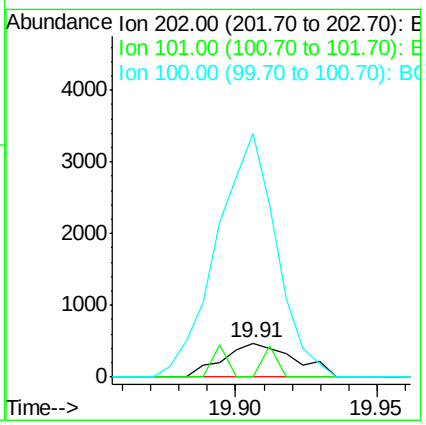


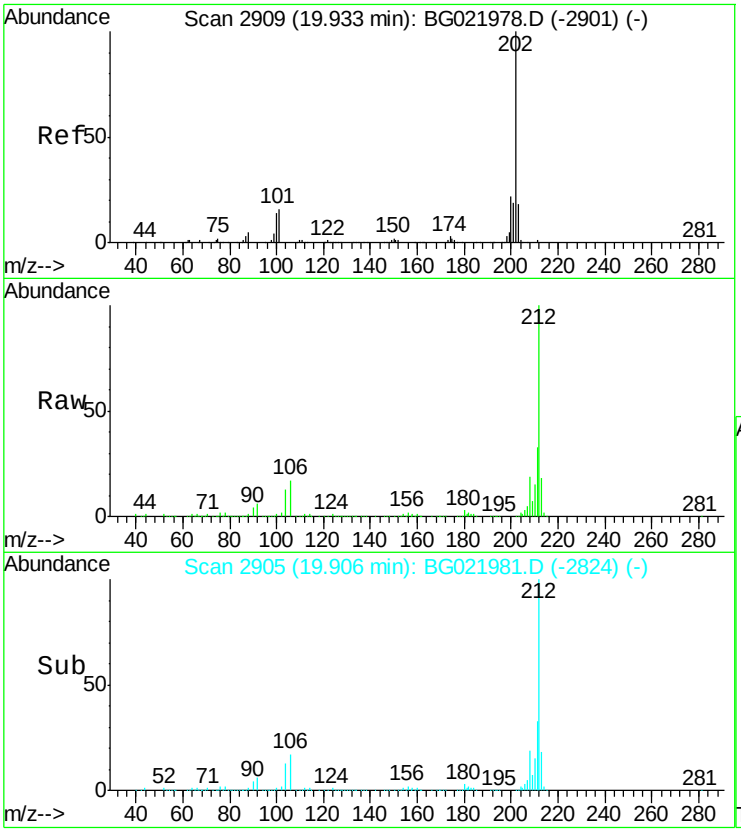


#75
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. 0.33 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:202 Resp: 820

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	713.2	8.7	13.1#



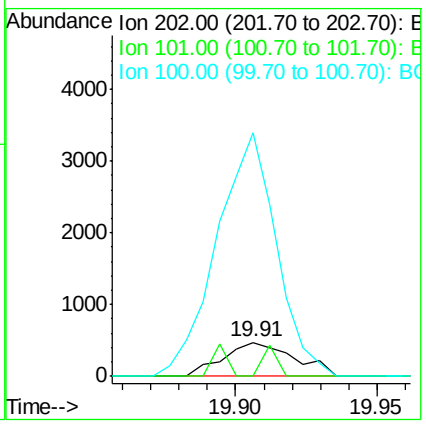


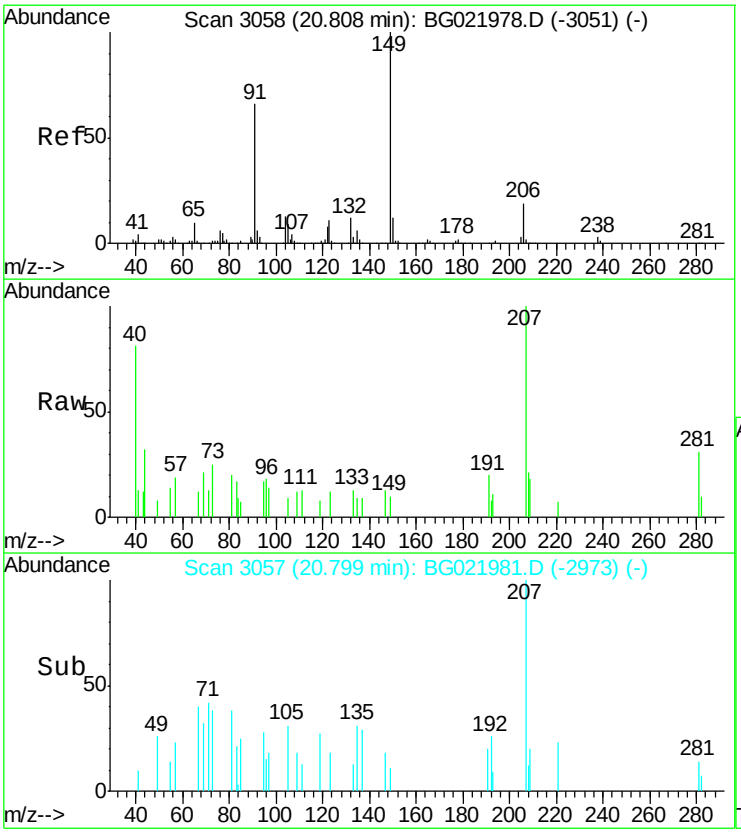
#78
Pyrene
Concen: 0.06 ng/ul
RT: 19.91 min Scan# 2905
Delta R.T. -0.03 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:202 Resp: 820

Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	713.2	10.2	15.4#

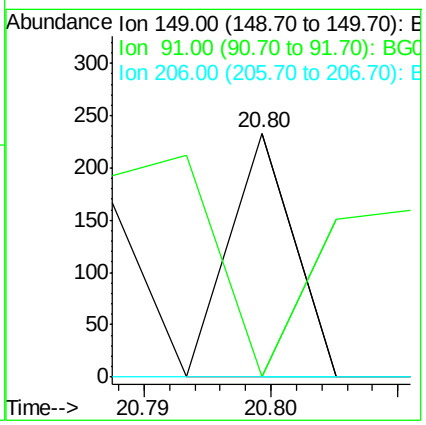


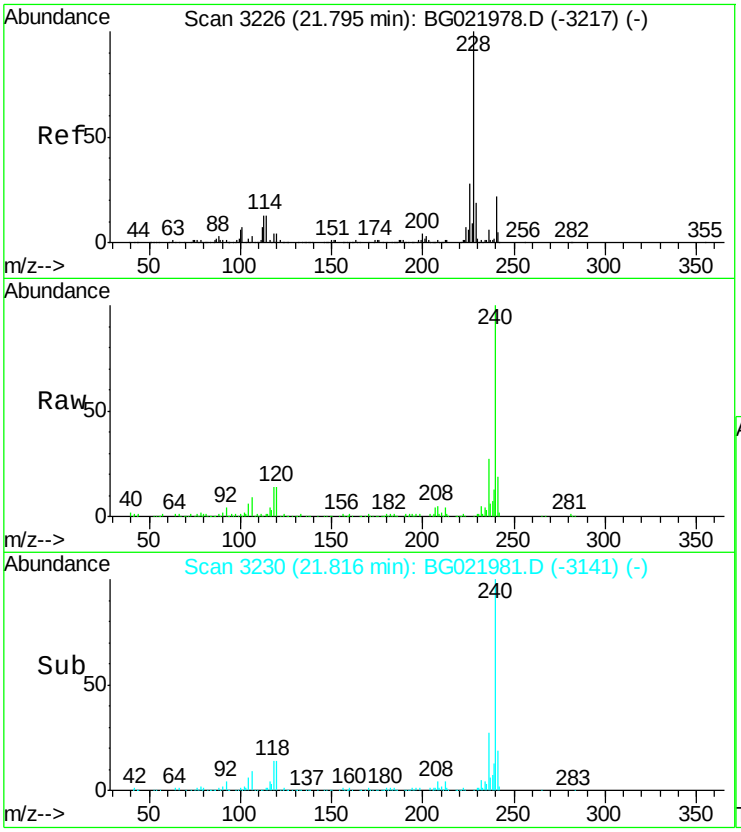


#79
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.80 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:149 Resp: 82

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



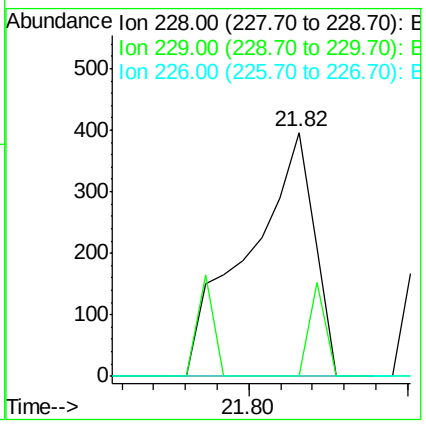


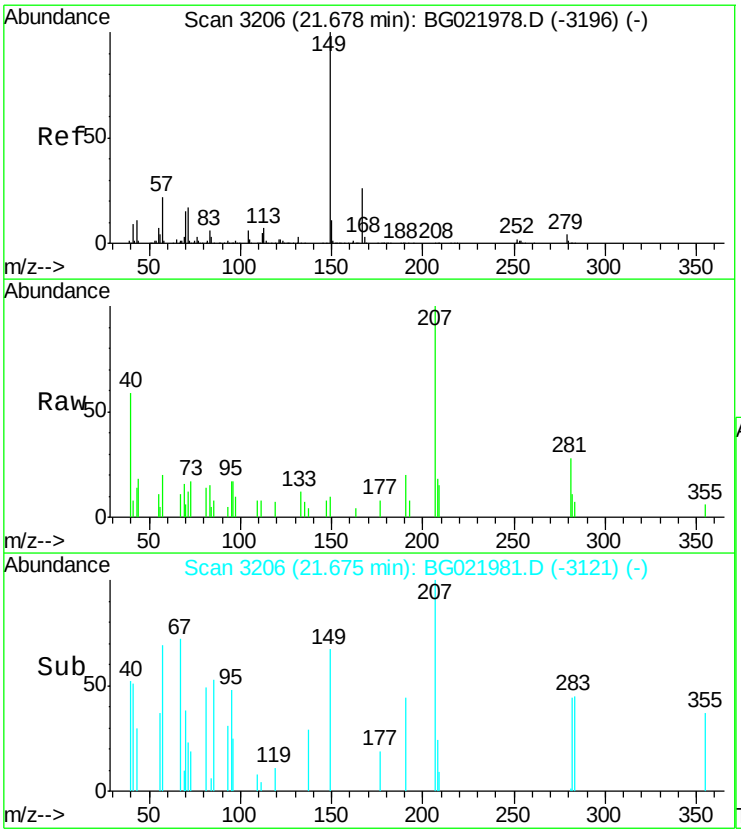
#81
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.02 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:228 Resp: 571

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

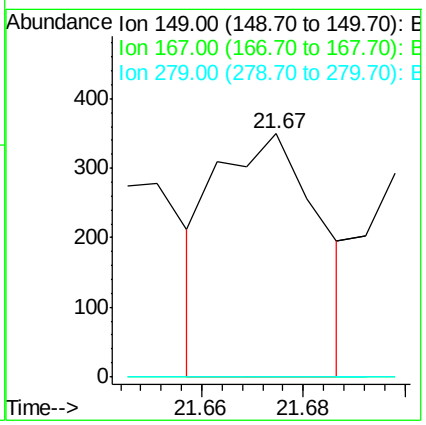


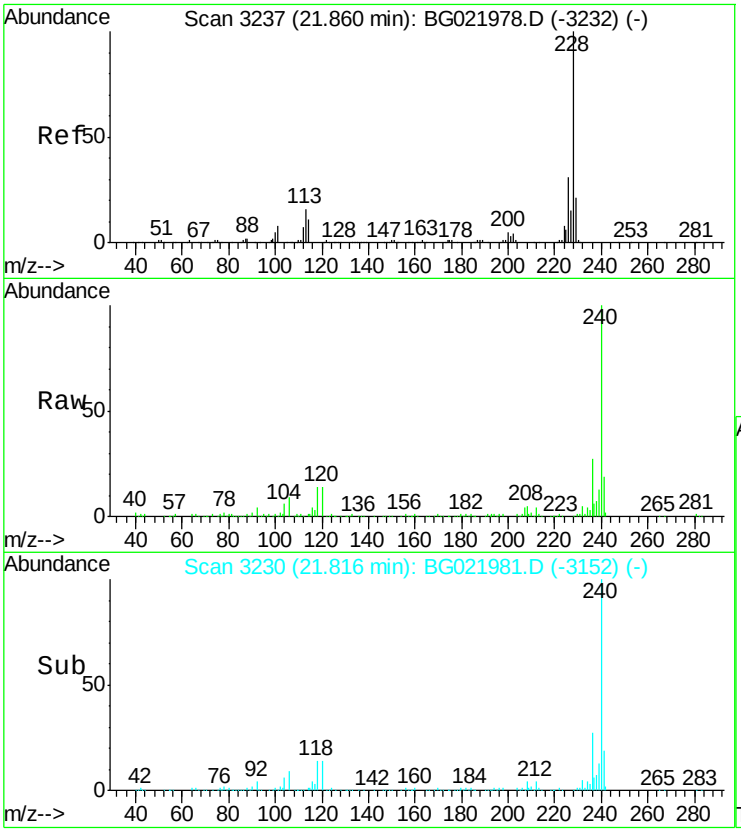


#82
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng/ul
RT: 21.67 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:149 Resp: 498

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



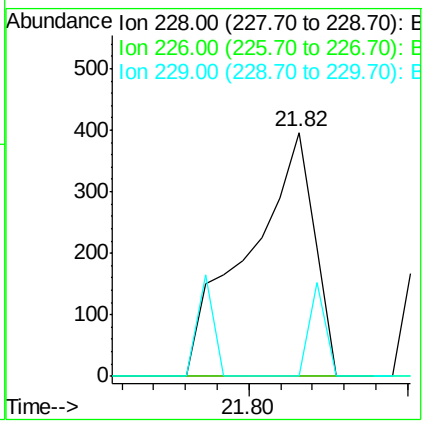


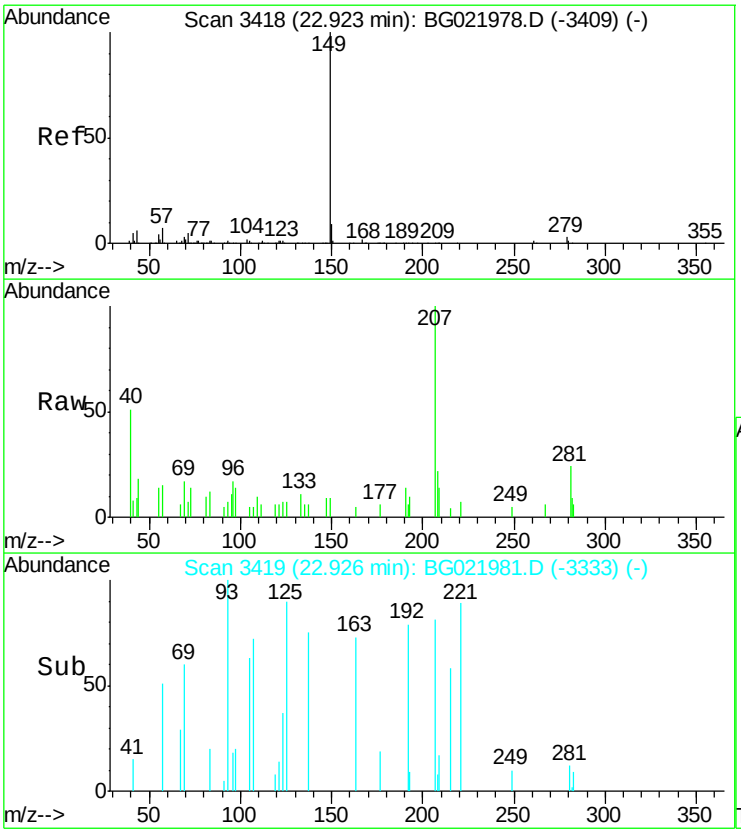
#83
Chrysene
Concen: 0.05 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. -0.04 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:228 Resp: 571

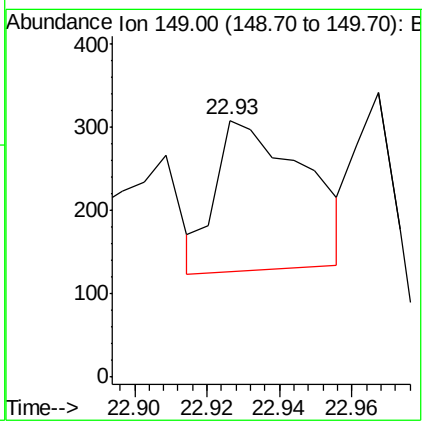
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.4#
229	0.0	15.0	22.6#

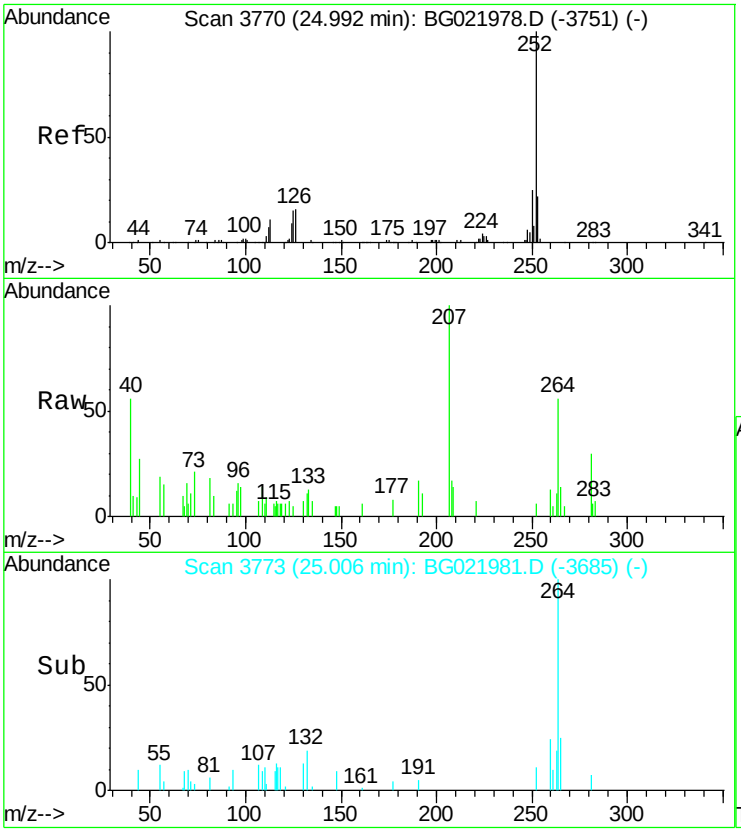




#85
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.93 min Scan# 3419
Delta R.T. 0.00 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Tgt Ion:149 Resp: 308





#89
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 25.01 min Scan# 3773
Delta R.T. 0.01 min
Lab File: BG021981.D
Acq: 21 May 2016 17:55

Instrument :
BNA_G
ClientSampleId :
SBLK60

Tgt Ion:252 Resp: 126

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	84.8	12.0	18.0#