Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Time: Aug 03 06:00:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	79614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	313355	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	148933	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	362091	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	3424	20.00	ng/ul	0.03
86) Perylene-d12	23.25	264	337344	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	1111	1.05	ng/uL	0.00
5) Phenol-d5	6.67	99	57432	8.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	32589	8.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	49534	9.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	26063	4.47	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	26943	10.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	30979	10.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	46464	9.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	2706	0.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	135361	11.76	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	151503	11.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	12731	5.98	ng/ul	0.00
58) Fluorene-d10	15.16	176	108999	10.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	9176	3.63	ng/ul	0.00
71) Anthracene-d10	17.03	188	191545	12.17	ng/ul	0.03
79) Pyrene-d10	19.34	212	4269	25.77	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.12	264	2104	0.12	ng/ul	-0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.62	77	4098	1.06	ng/ul#	58
14) Acetophenone	8.29	105	19669	2.17	ng/ul#	93
17) Hexachloroethane	8.57	117	3103	1.28	ng/ul#	5
28) Naphthalene	10.31	128	70917	4.70	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	34608	2.90	ng/ul	99
35) 1-Methylnaphthalene	12.16	142	26180	2.28	ng/ul#	85
41) 1,1'-Biphenyl	12.98	154	11743	1.10	ng/ul#	90
45) Dimethylphthalate	13.62	163	262784	22.95	ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	10717	4.08	ng/ul#	29
48) Acenaphthylene	13.88	152	31406	2.37	ng/ul#	48
49) 3-Nitroaniline	14.06	138	10796	4.67	ng/ul#	39
50) Acenaphthene	14.22	153	49828	5.77	ng/ul	94
53) 4-Nitrophenol	14.43	109	4154	1.93	ng/ul#	3
54) Dibenzofuran	14.56	168	39227	3.02	ng/ul#	59
57) Diethylphthalate	15.00	149	19612	1.65	ng/ul#	59
59) Fluorene	15.22	166	87271	7.78	ng/ul#	86
60) 4-Chlorophenyl-phenylether	15.23	204	12840	2.12	ng/ul#	22
65) N-Nitrosodiphenylamine	15.44	169	52437	5.59	ng/ul#	46
70) Phenanthrene	16.98	178	1090950	59.31	ng/ul#	92
72) Anthracene	17.06	178	227128	12.41	ng/ul#	80
75) Carbazole	17.35	167	75751	4.98	ng/ul#	27
76) Di-n-butylphthalate	17.90	149	112826	5.58	ng/ul#	17
77) Fluoranthene	19.05	202	2348473	116.24	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Time: Aug 03 06:00:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Pyrene	19.42	202	2580478	12424.82	ng/ul	97
81) Butylbenzylphthalate	20.29	149	6864	81.37	ng/ul#	23
82) 3,3'-Dichlorobenzidine	21.08	252	7111	98.48	ng/ul#	41
83) Benzo(a)anthracene	21.11	228	18444	100.03	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.05	149	18409	161.74	ng/ul#	20
85) Chrysene	21.17	228	1288218	7626.96	ng/ul#	85
87) Di-n-octyl phthalate	21.88	149	128177	7.19	ng/ul	100
91) Benzo(a)pyrene	23.20	252	873918	48.20	ng/ul#	85

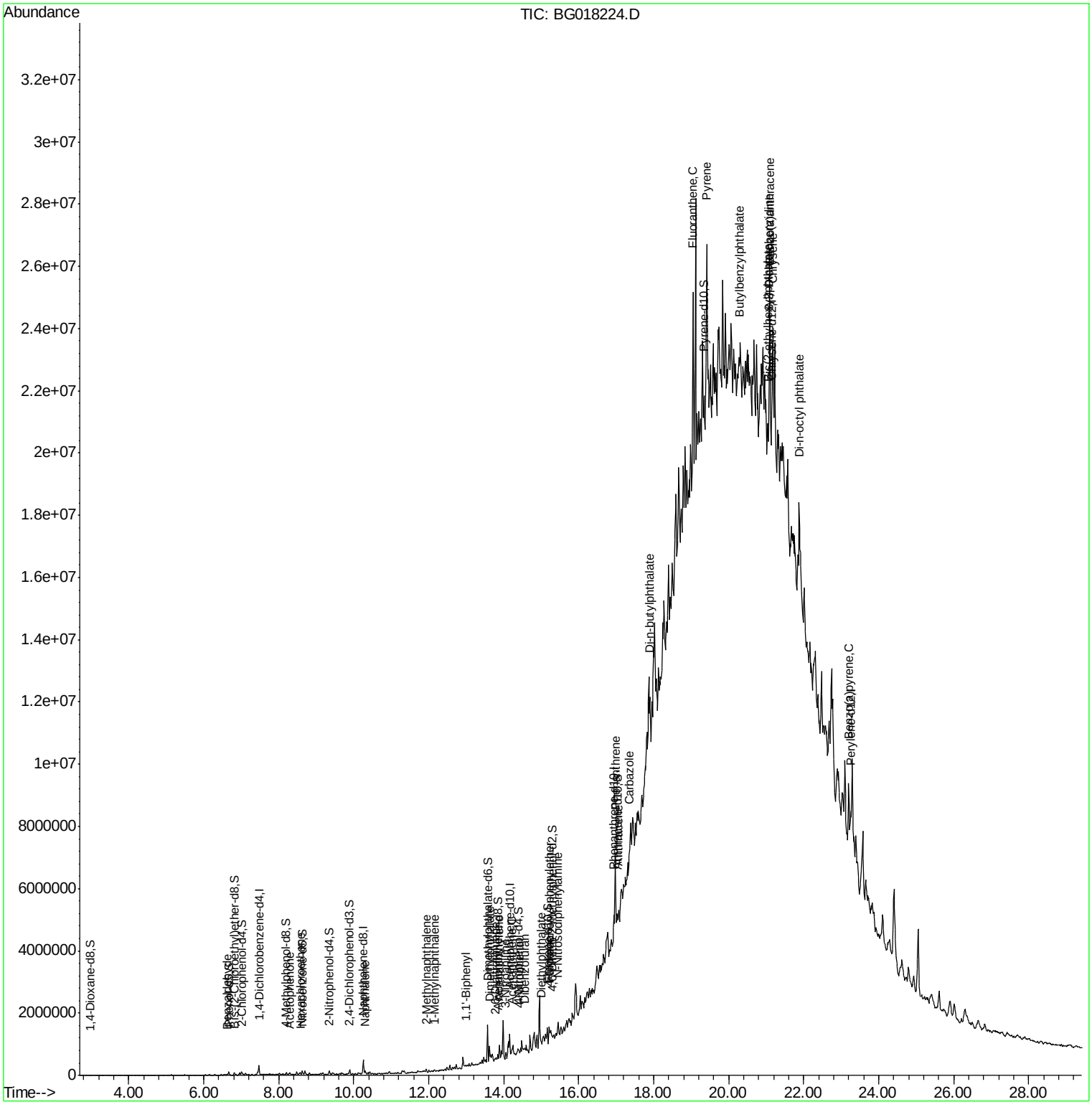
(#) = qualifier out of range (m) = manual integration (+) = signals summed

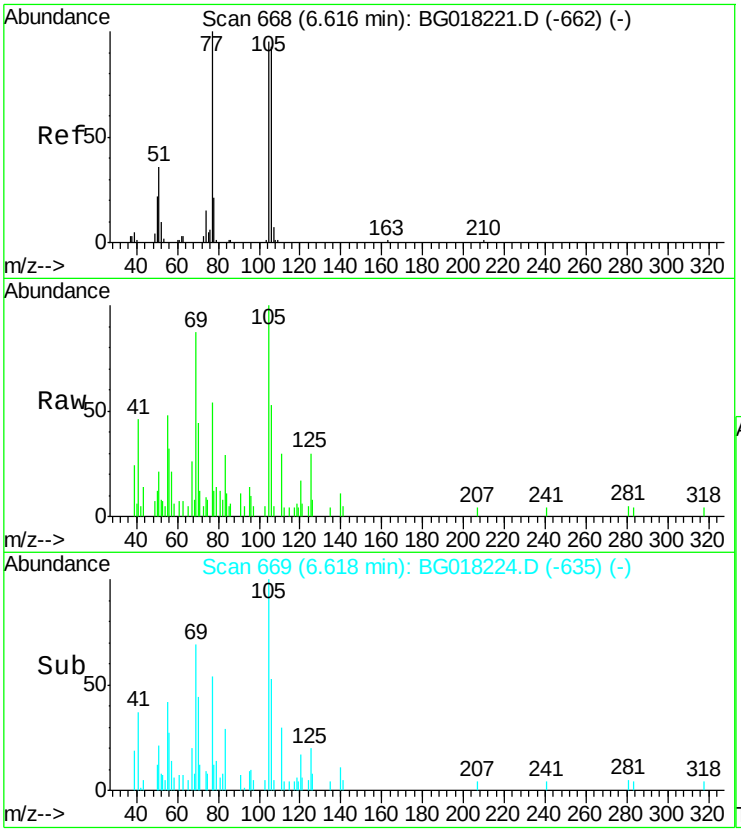
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Quant Time: Aug 03 06:00:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration



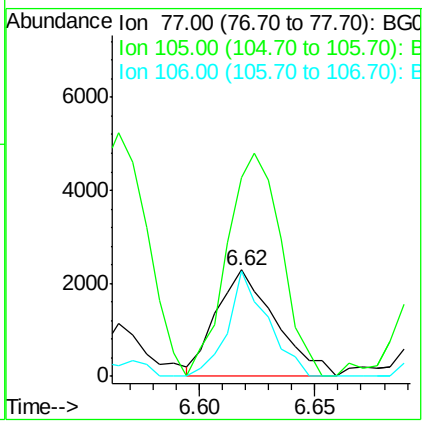


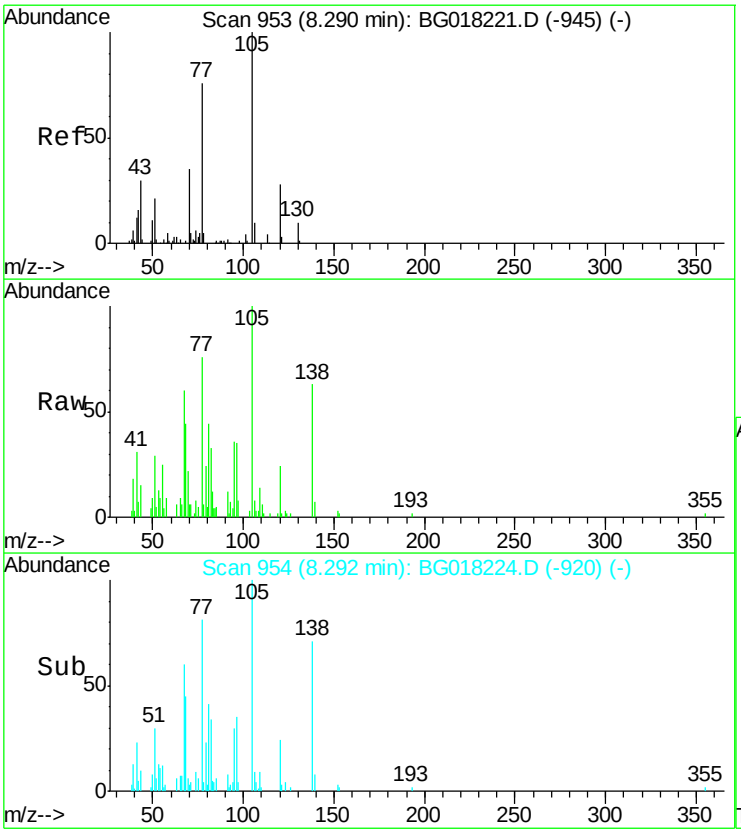
#4
Benzaldehyde
Concen: 1.06 ng/ul
RT: 6.62 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion: 77 Resp: 4098

Ion	Ratio	Lower	Upper
77	100		
105	186.2	89.8	134.6#
106	99.5	94.2	141.4

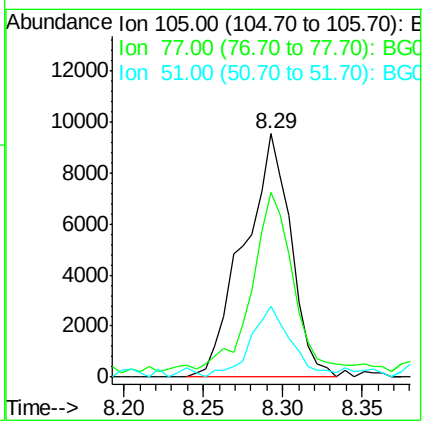


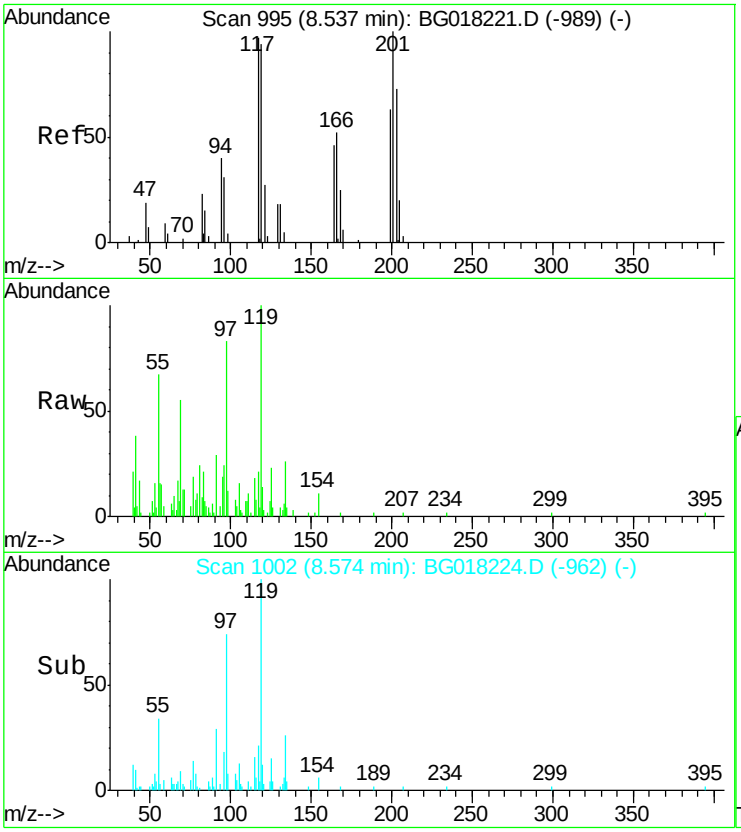


#14
Acetophenone
Concen: 2.17 ng/ul
RT: 8.29 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:105 Resp: 19669

Ion	Ratio	Lower	Upper
105	100		
77	75.8	58.4	87.6
51	29.0	16.5	24.7#



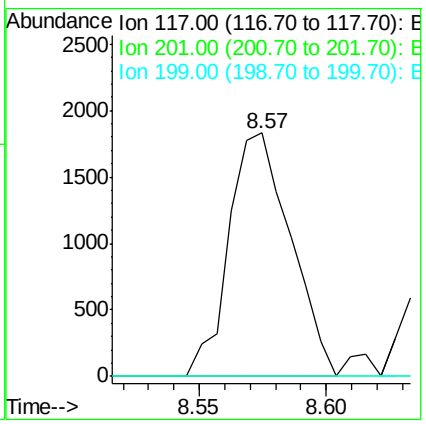


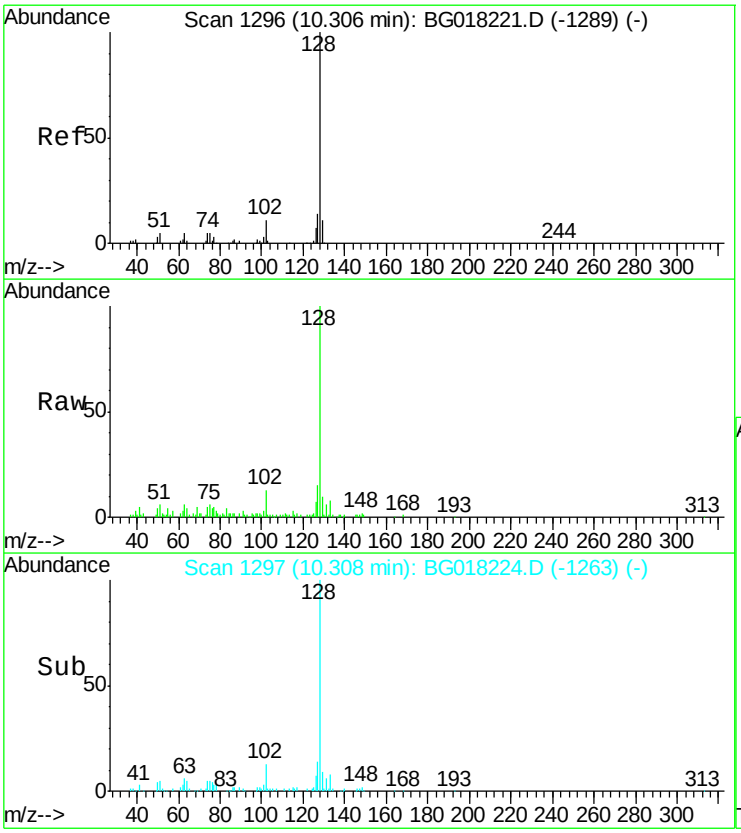
#17
Hexachloroethane
Concen: 1.28 ng/ul
RT: 8.57 min Scan# 1002
Delta R.T. 0.04 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:117 Resp: 3103

Ion	Ratio	Lower	Upper
117	100		
201	0.0	85.0	127.4#
199	0.0	52.2	78.4#

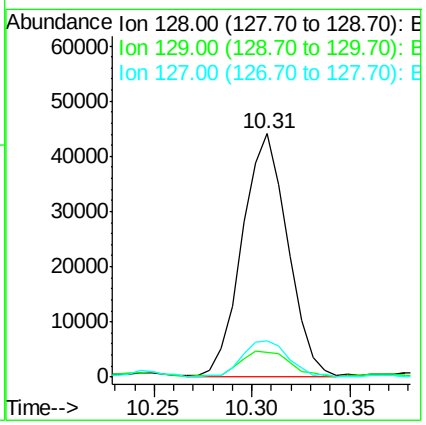


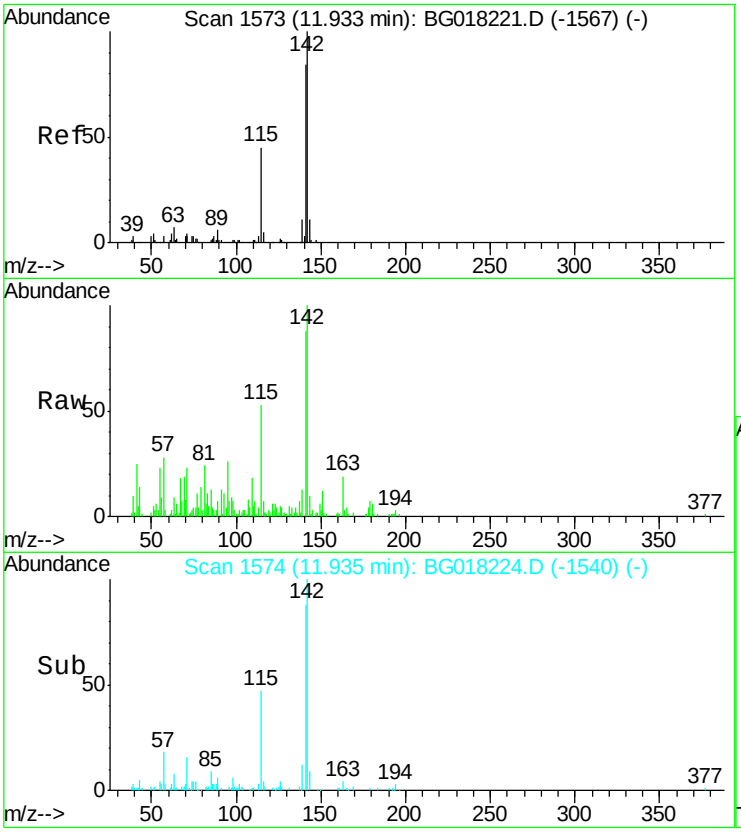


#28
Naphthalene
Concen: 4.70 ng/ul
RT: 10.31 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:128 Resp: 70917

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	14.7	11.2	16.8



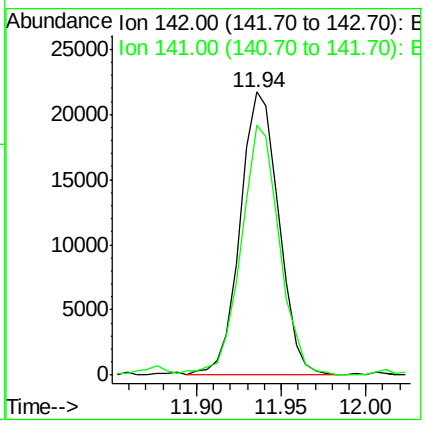


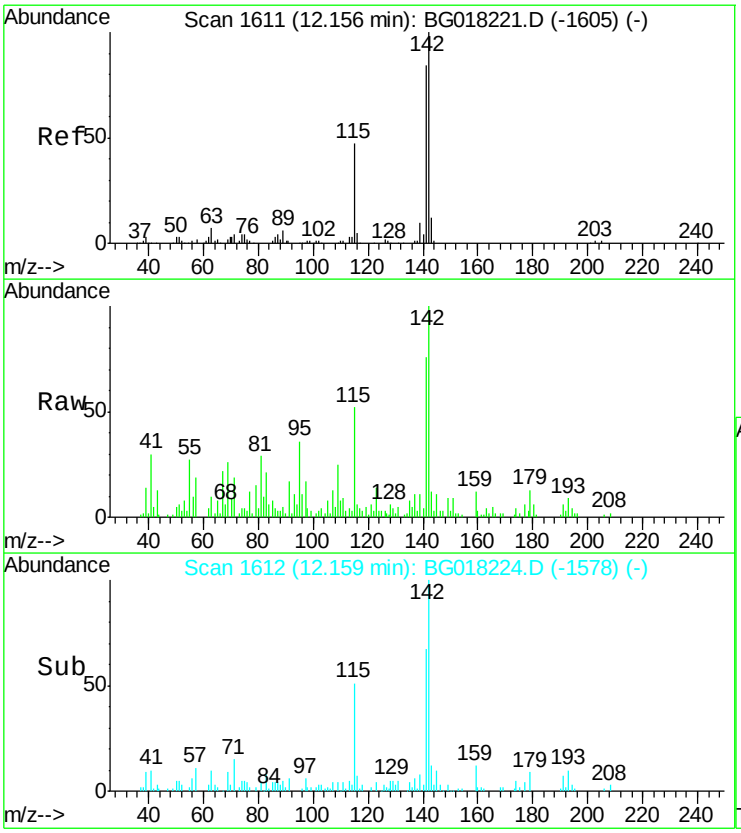
#34
2-Methylnaphthalene
Concen: 2.90 ng/ul
RT: 11.94 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:142 Resp: 34608

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5

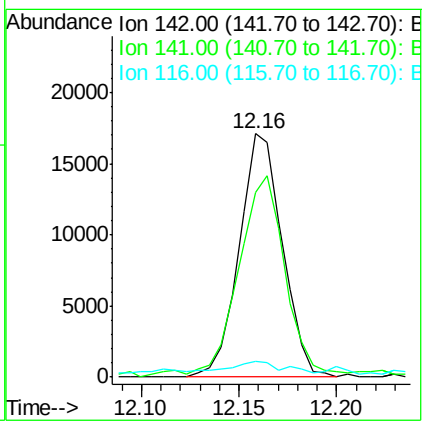


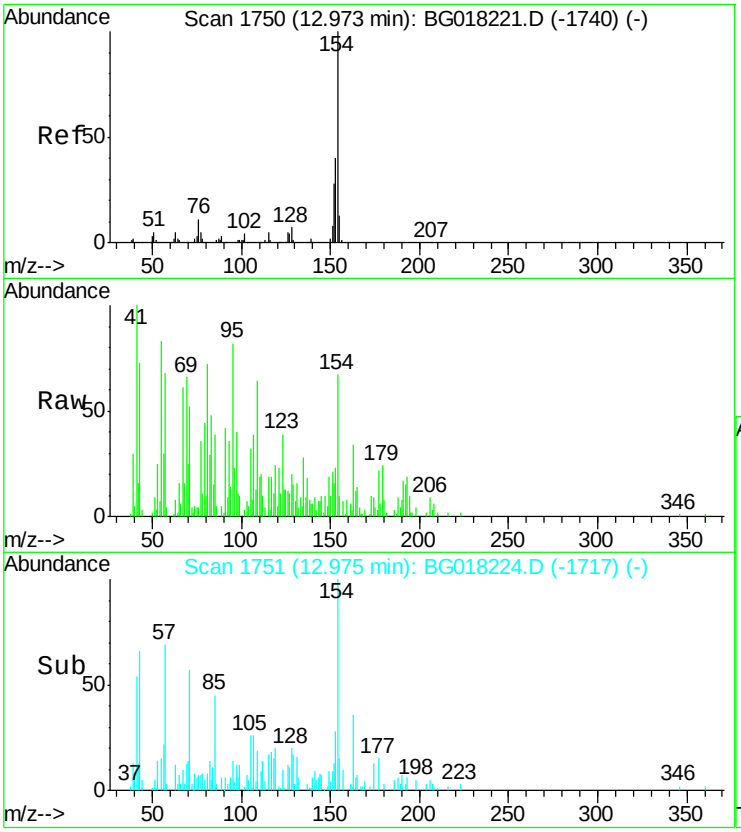


#35
1-Methylnaphthalene
Concen: 2.28 ng/ul
RT: 12.16 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:142 Resp: 26180

Ion	Ratio	Lower	Upper
142	100		
141	76.0	72.5	108.7
116	6.5	2.6	4.0#



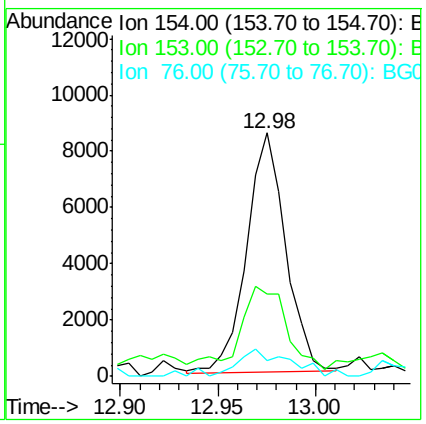


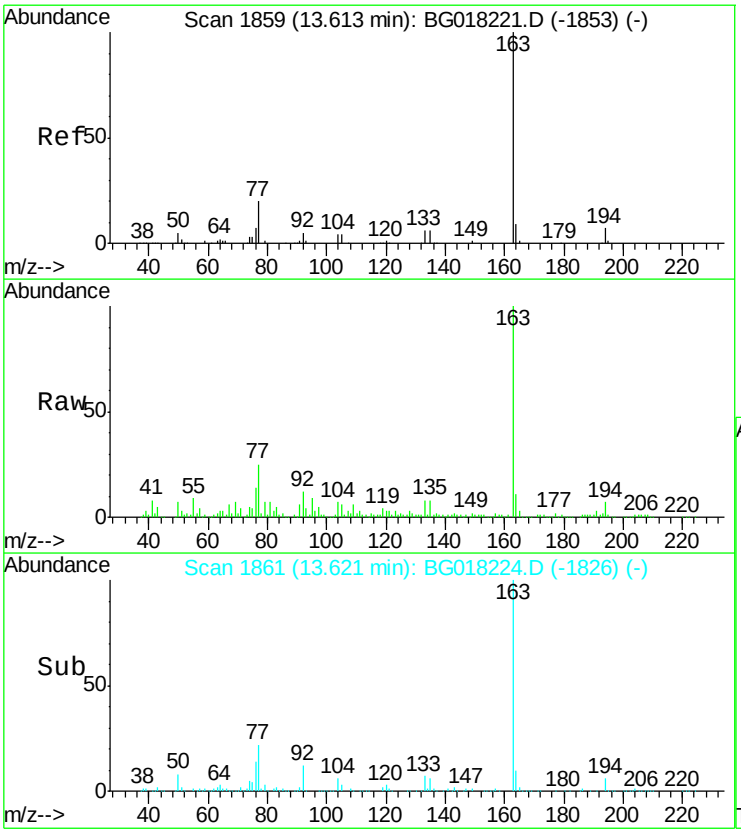
#41
1,1'-Biphenyl
Concen: 1.10 ng/ul
RT: 12.98 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:154 Resp: 11743

Ion	Ratio	Lower	Upper
154	100		
153	33.8	32.3	48.5
76	6.5	7.4	11.0#

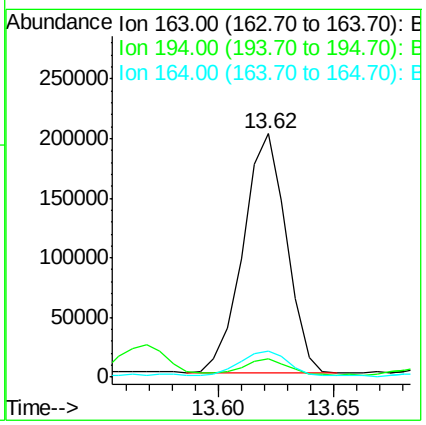


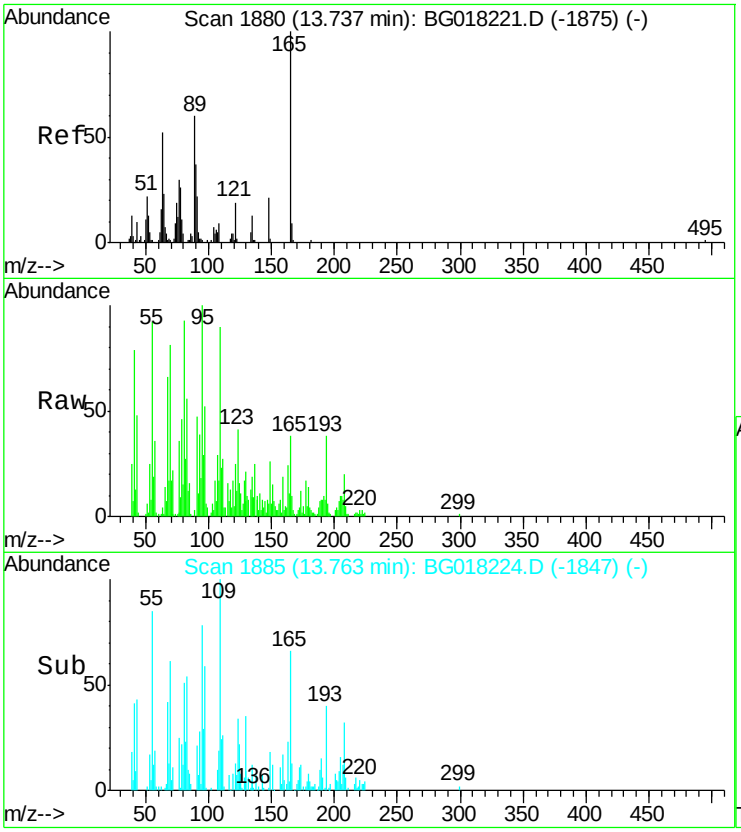


#45
Dimethylphthalate
Concen: 22.95 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:163 Resp: 262784

Ion	Ratio	Lower	Upper
163	100		
194	7.4	5.2	7.8
164	10.6	8.4	12.6



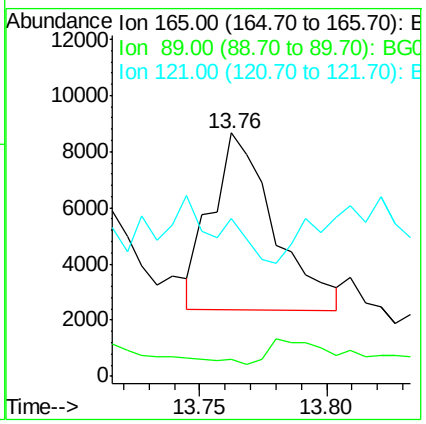


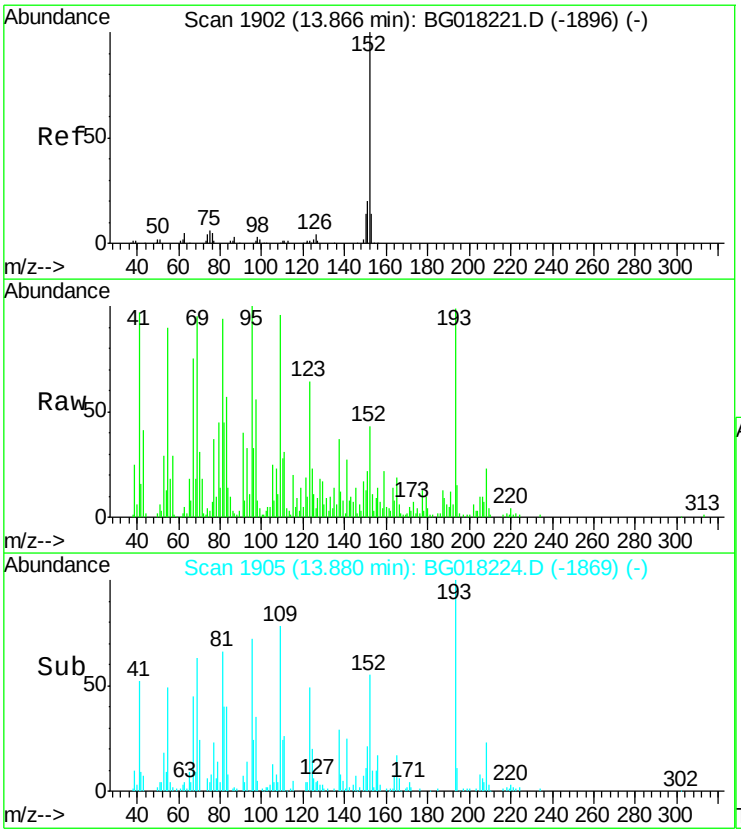
#46
2,6-Dinitrotoluene
Concen: 4.08 ng/ul
RT: 13.76 min Scan# 1885
Delta R.T. 0.03 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:165 Resp: 10717

Ion	Ratio	Lower	Upper
165	100		
89	6.8	35.4	53.2#
121	64.7	15.0	22.6#

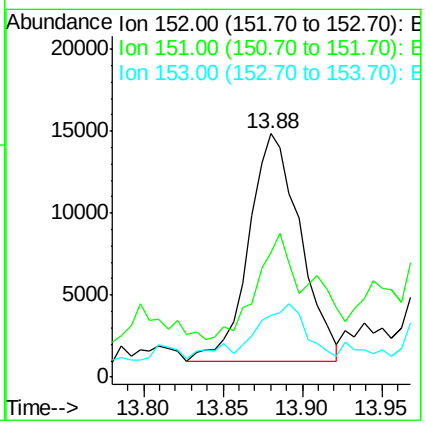


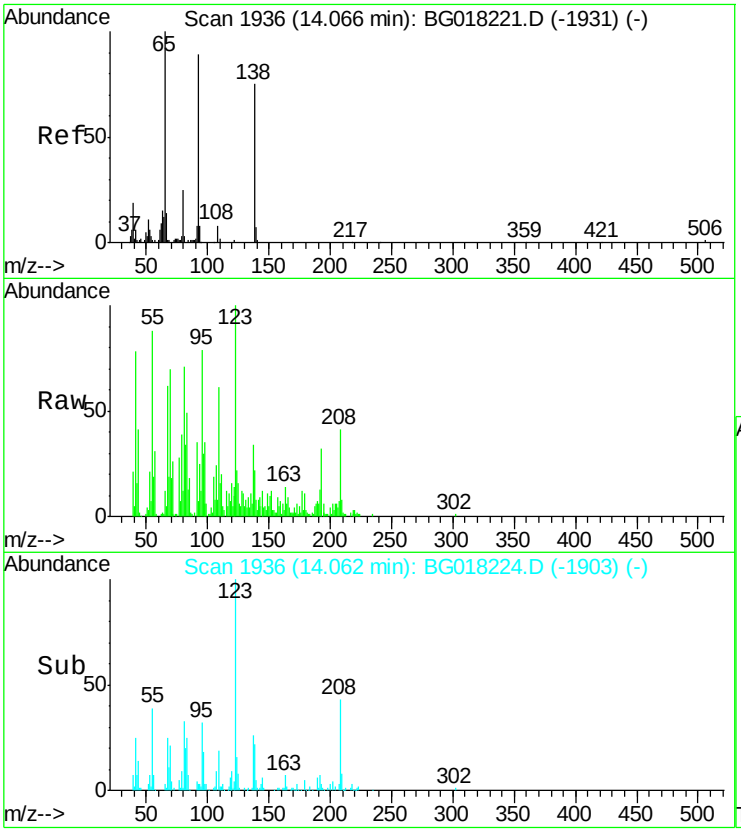


#48
Acenaphthylene
Concen: 2.37 ng/ul
RT: 13.88 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:152 Resp: 31406

Ion	Ratio	Lower	Upper
152	100		
151	51.0	16.0	24.0#
153	25.5	11.0	16.4#



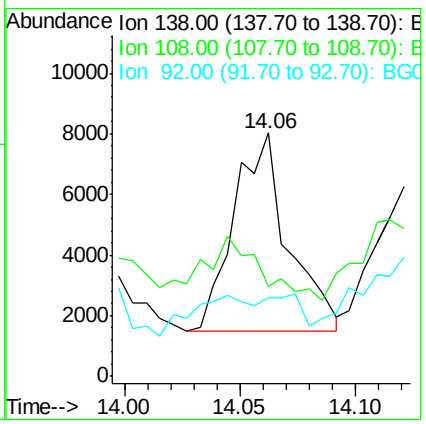


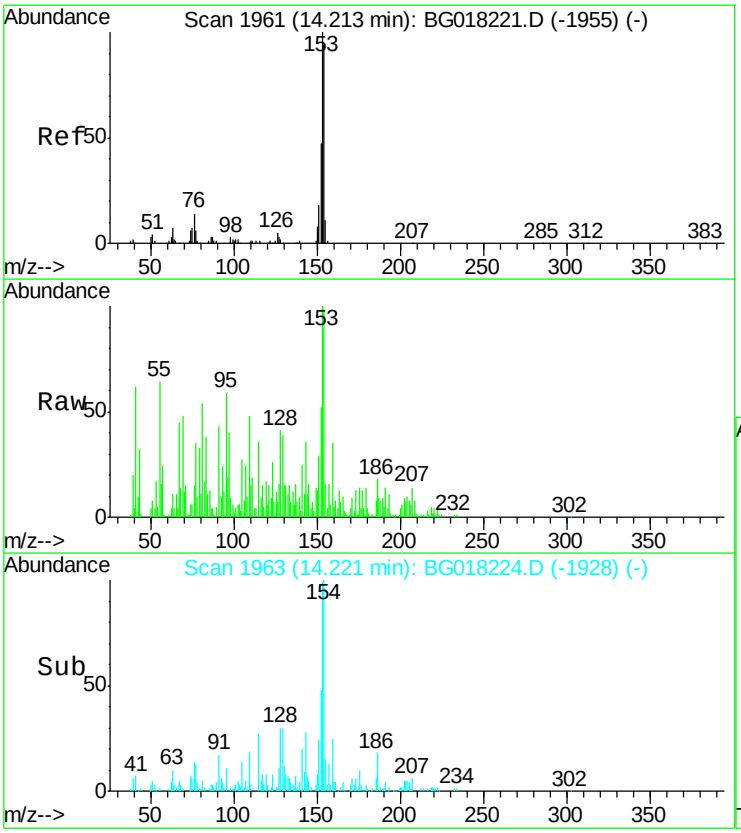
#49
3-Nitroaniline
Concen: 4.67 ng/ul
RT: 14.06 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:138 Resp: 10796

Ion	Ratio	Lower	Upper
138	100		
108	36.9	6.8	10.2#
92	32.3	70.2	105.2#

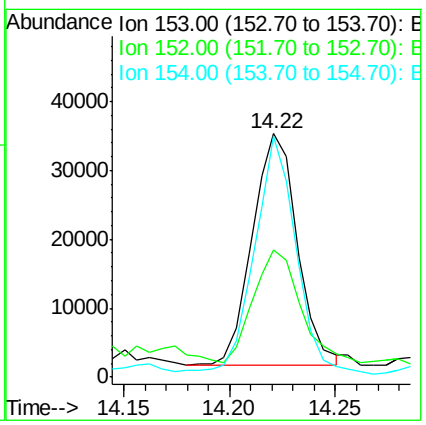


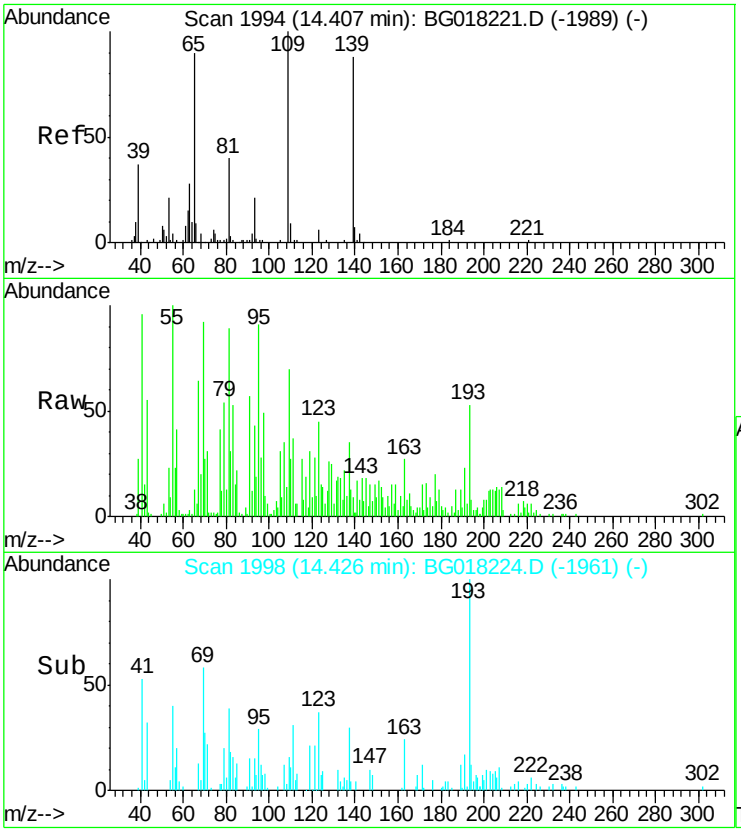


#50
Acenaphthene
Concen: 5.77 ng/ul
RT: 14.22 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:153 Resp: 49828

Ion	Ratio	Lower	Upper
153	100		
152	52.1	38.7	58.1
154	98.9	74.8	112.2



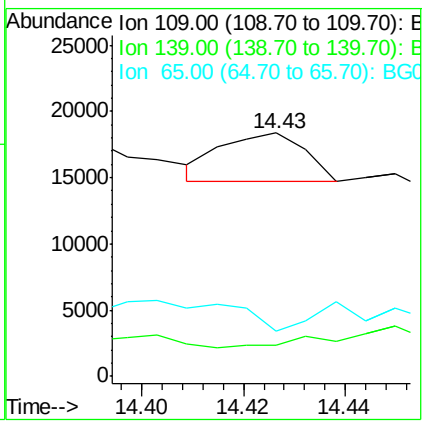


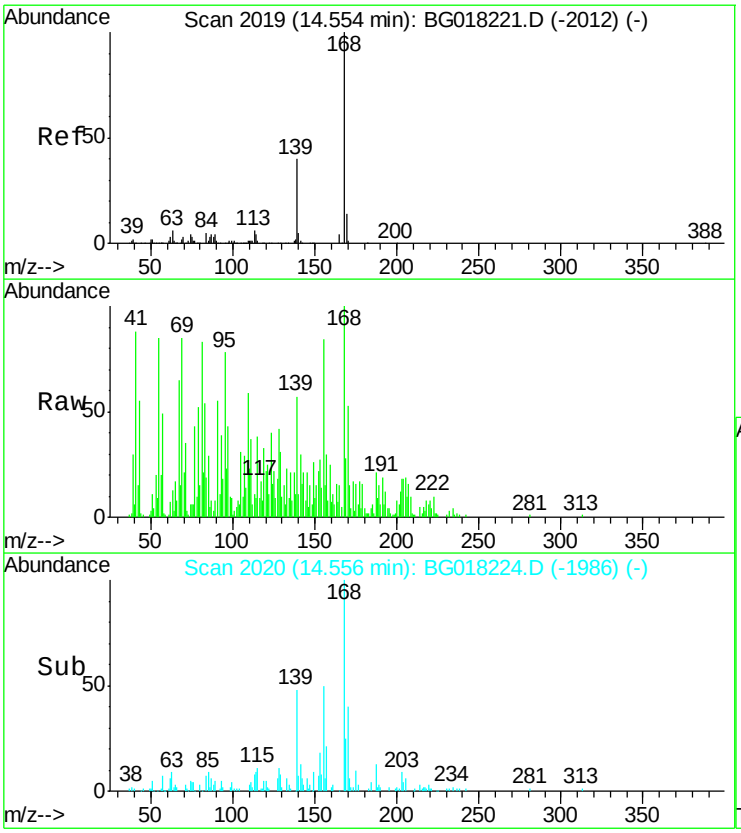
#53
4-Nitrophenol
Concen: 1.93 ng/ul
RT: 14.43 min Scan# 1998
Delta R.T. 0.02 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:109 Resp: 4154

Ion	Ratio	Lower	Upper
109	100		
139	12.6	115.1	172.7#
65	18.7	83.8	125.6#

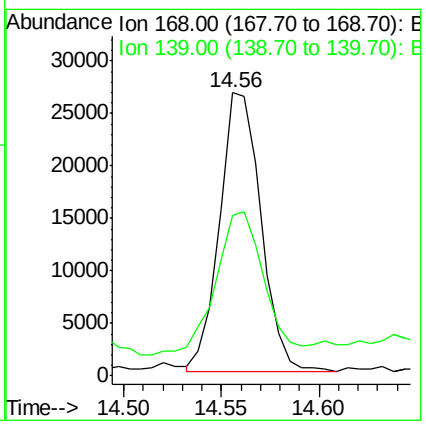


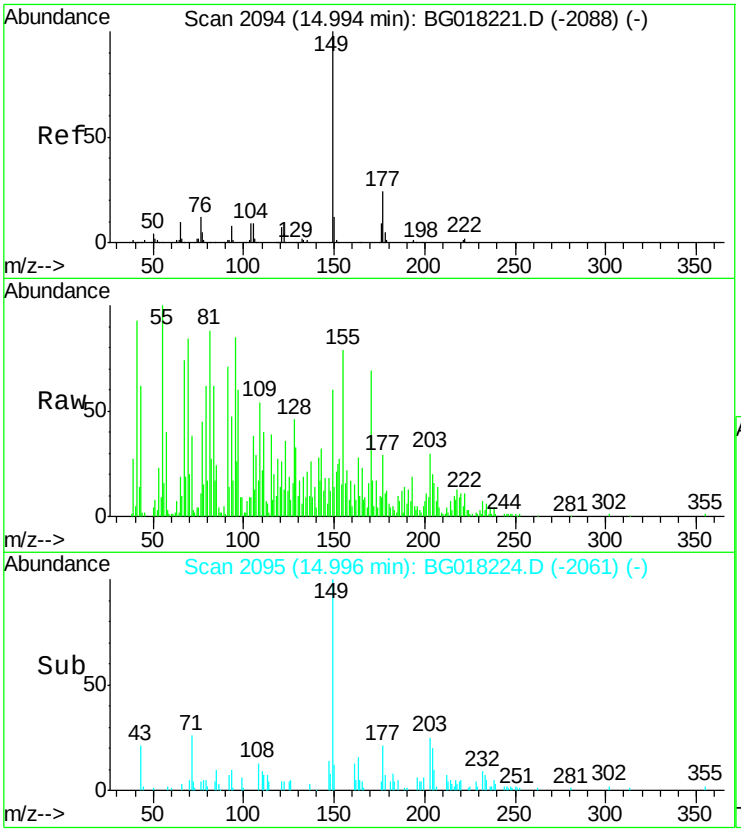


#54
Dibenzofuran
Concen: 3.02 ng/ul
RT: 14.56 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:168 Resp: 39227

Ion	Ratio	Lower	Upper
168	100		
139	56.7	26.8	40.2#



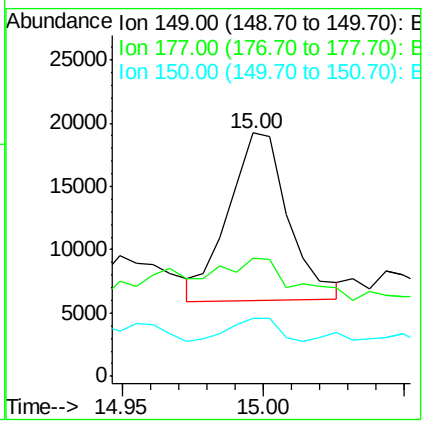


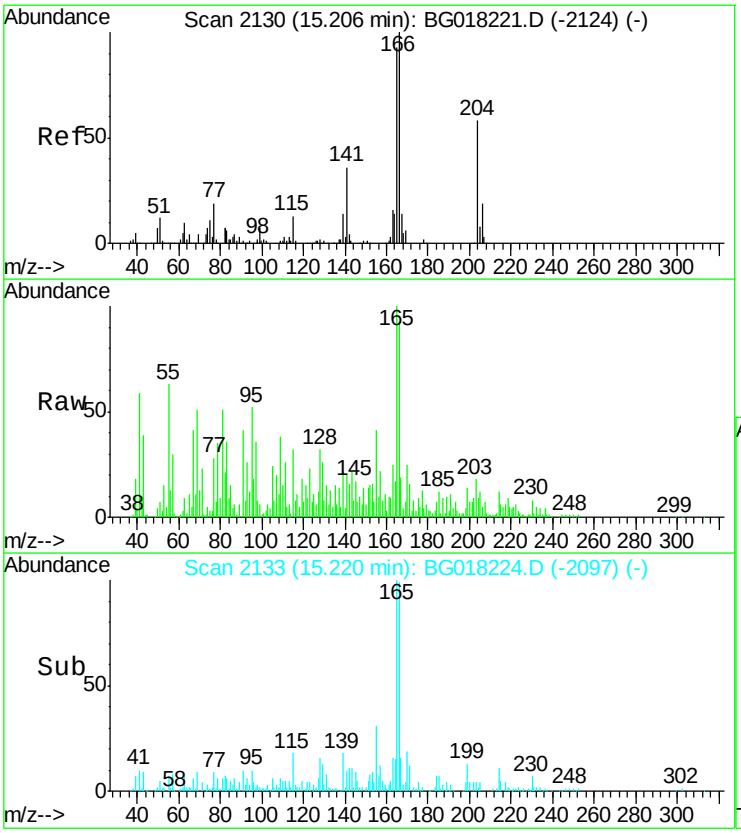
#57
Diethylphthalate
Concen: 1.65 ng/ul
RT: 15.00 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:149 Resp: 19612

Ion	Ratio	Lower	Upper
149	100		
177	48.5	20.1	30.1#
150	23.9	10.0	15.0#

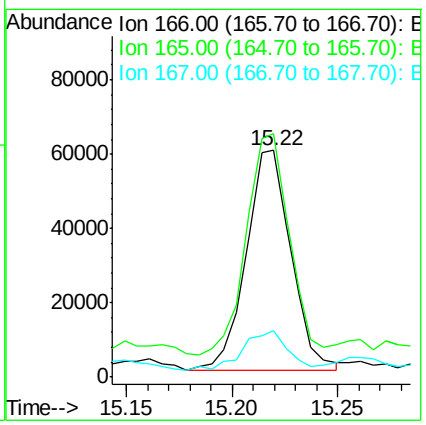


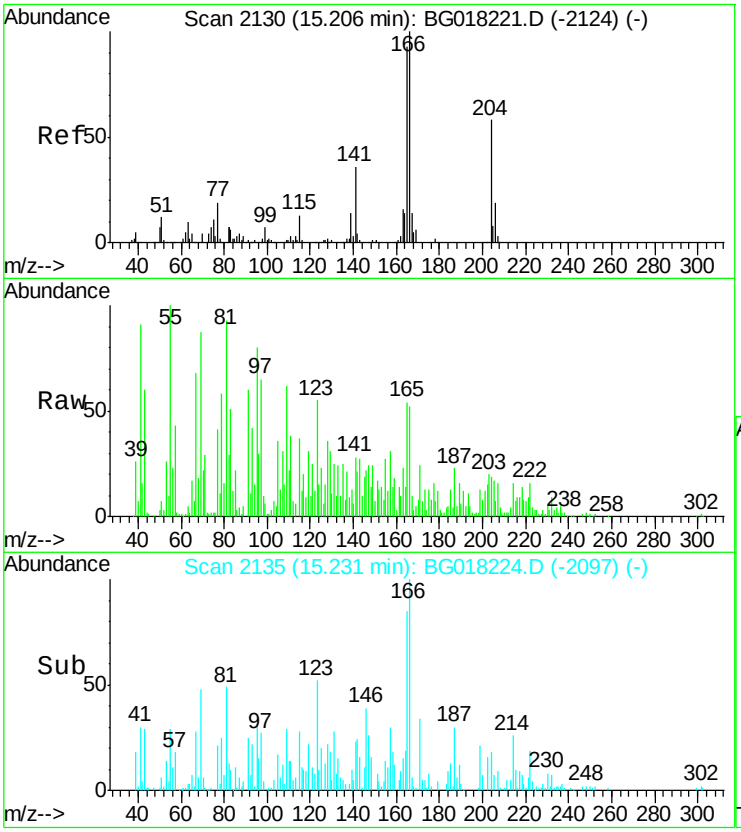


#59
Fluorene
Concen: 7.78 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:166 Resp: 87271

Ion	Ratio	Lower	Upper
166	100		
165	107.3	75.1	112.7
167	20.5	11.8	17.6#



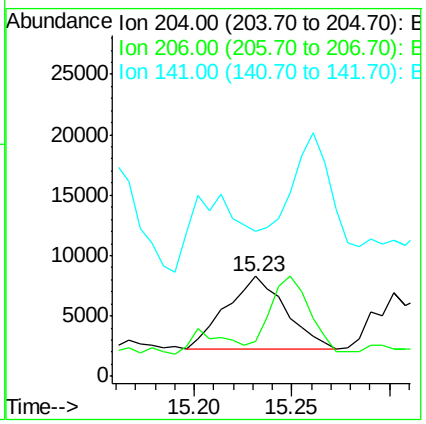


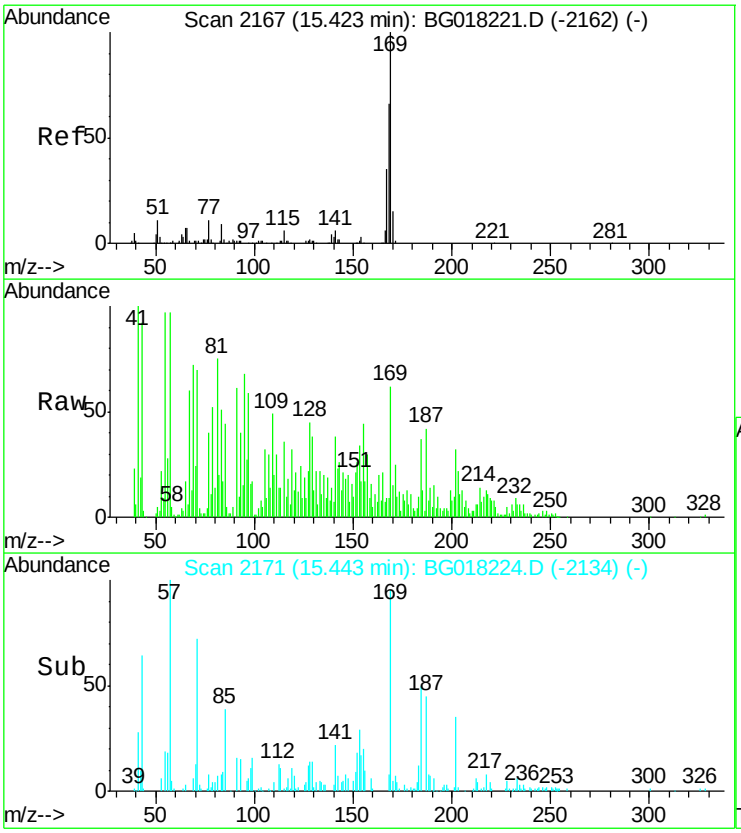
#60
4-Chlorophenyl-phenylether
Concen: 2.12 ng/ul
RT: 15.23 min Scan# 2135
Delta R.T. 0.03 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:204 Resp: 12840

Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.6	43.0
141	144.5	42.0	63.0#

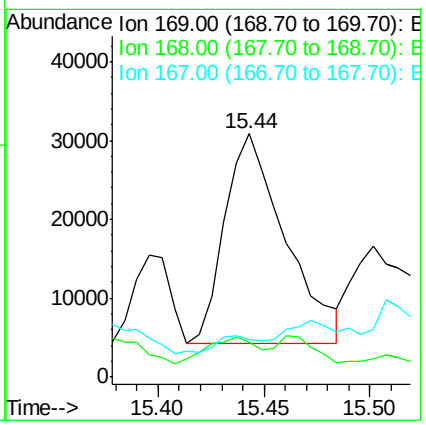


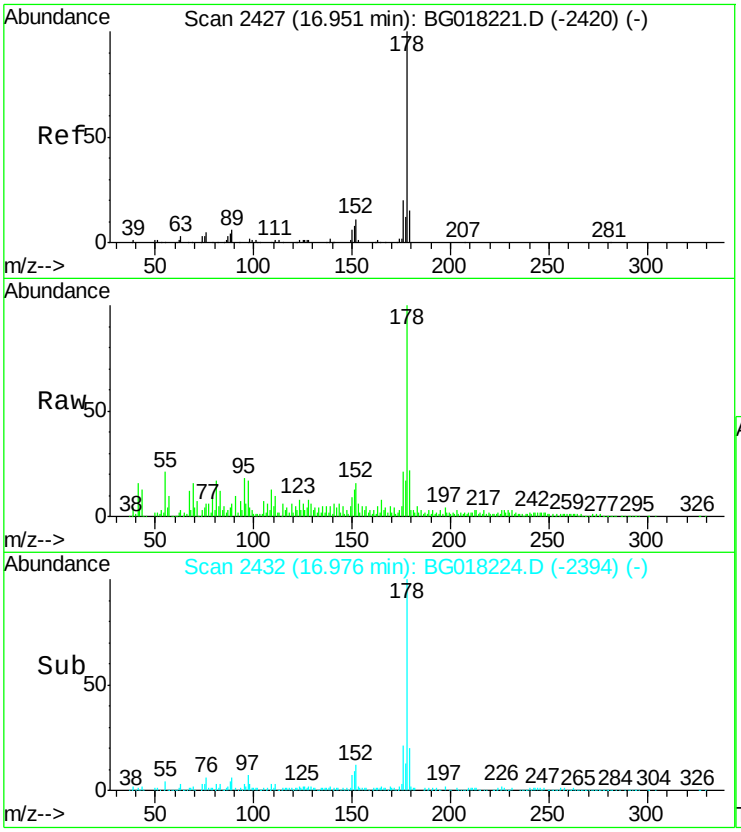


#65
N-Nitrosodiphenylamine
Concen: 5.59 ng/ul
RT: 15.44 min Scan# 2171
Delta R.T. 0.02 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:169 Resp: 52437

Ion	Ratio	Lower	Upper
169	100		
168	14.1	51.8	77.6#
167	15.2	27.7	41.5#



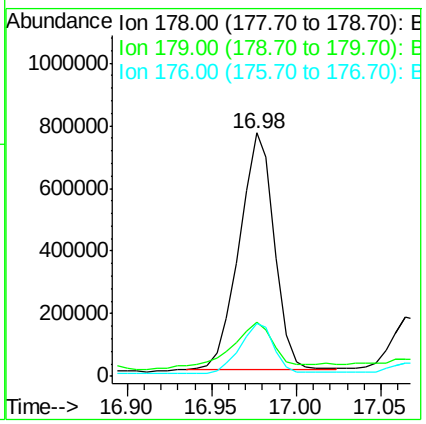


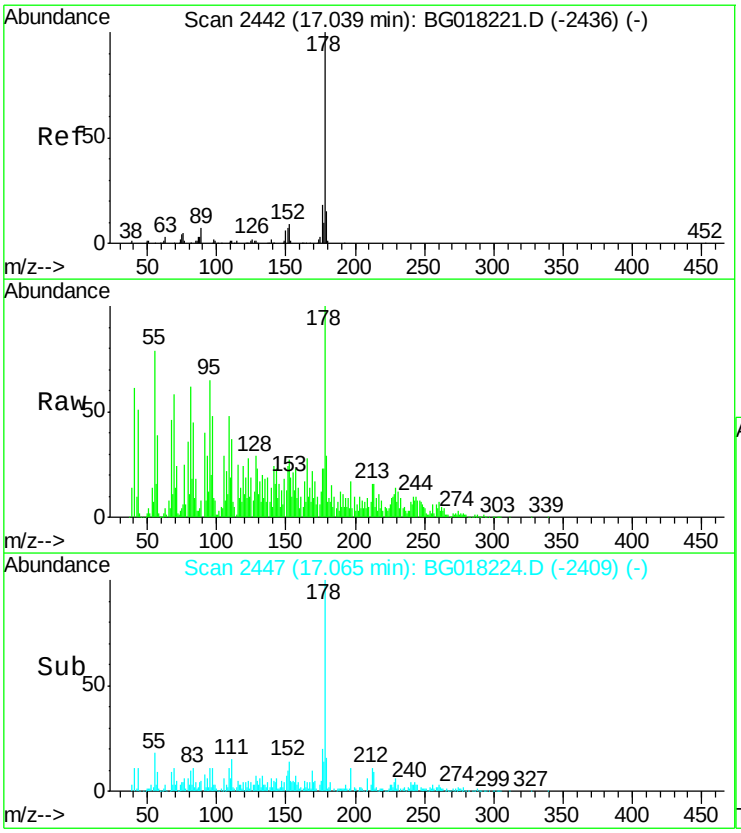
#70
Phenanthrene
Concen: 59.31 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. 0.03 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:178 Resp: 1090950

Ion	Ratio	Lower	Upper
178	100		
179	22.1	12.8	19.2#
176	21.5	16.0	24.0

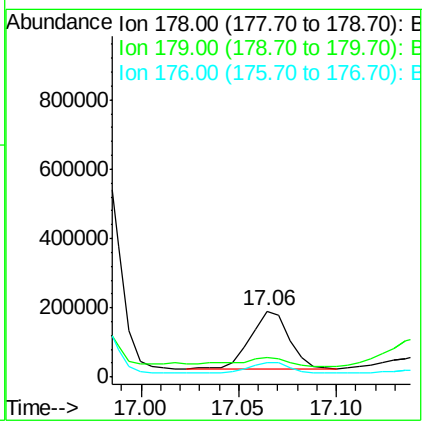


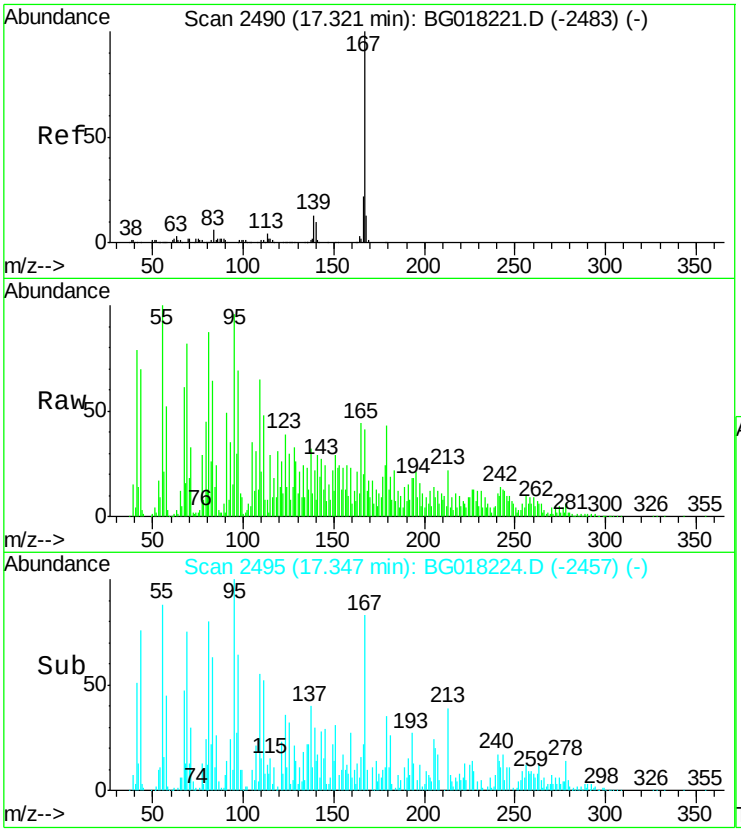


#72
Anthracene
Concen: 12.41 ng/ul
RT: 17.06 min Scan# 2447
Delta R.T. 0.03 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:178 Resp: 227128

Ion	Ratio	Lower	Upper
178	100		
179	29.0	12.2	18.2#
176	22.9	14.8	22.2#



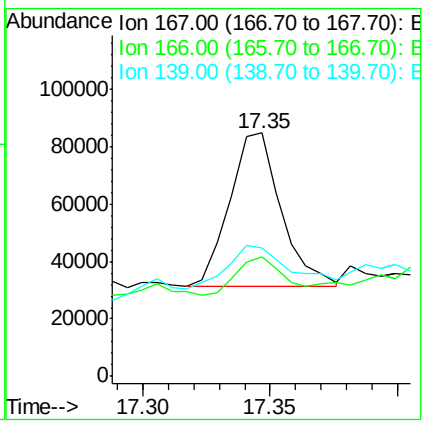


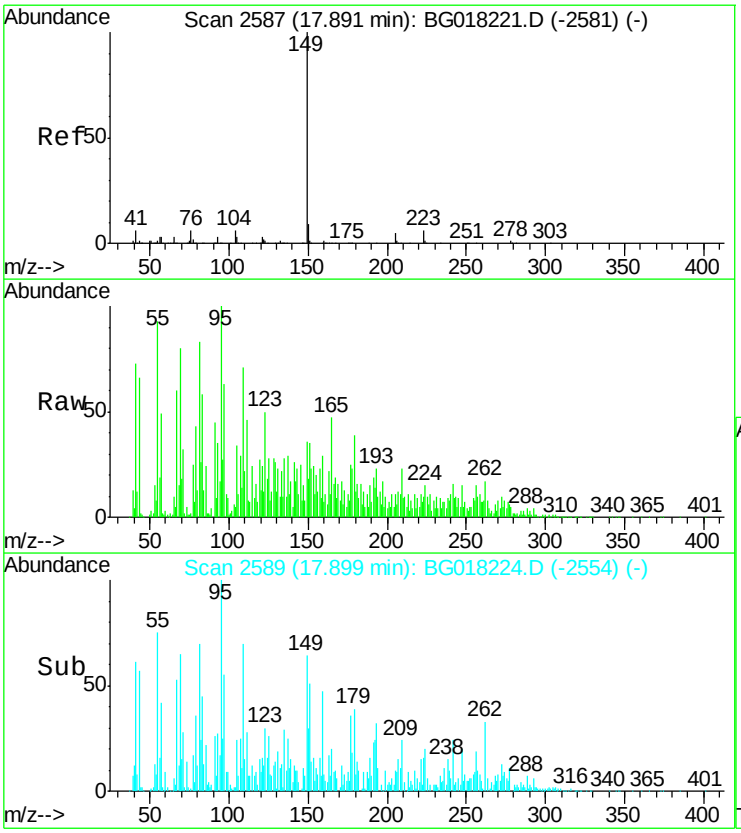
#75
Carbazole
Concen: 4.98 ng/ul
RT: 17.35 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:167 Resp: 75751

Ion	Ratio	Lower	Upper
167	100		
166	49.0	17.5	26.3#
139	52.8	10.1	15.1#

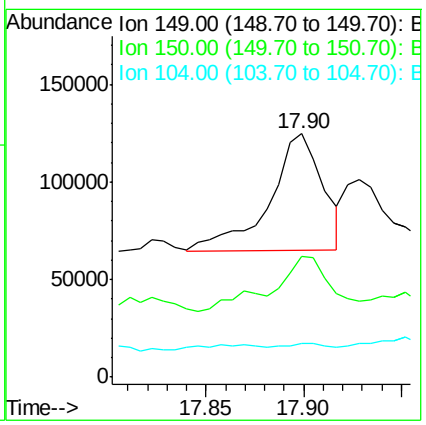


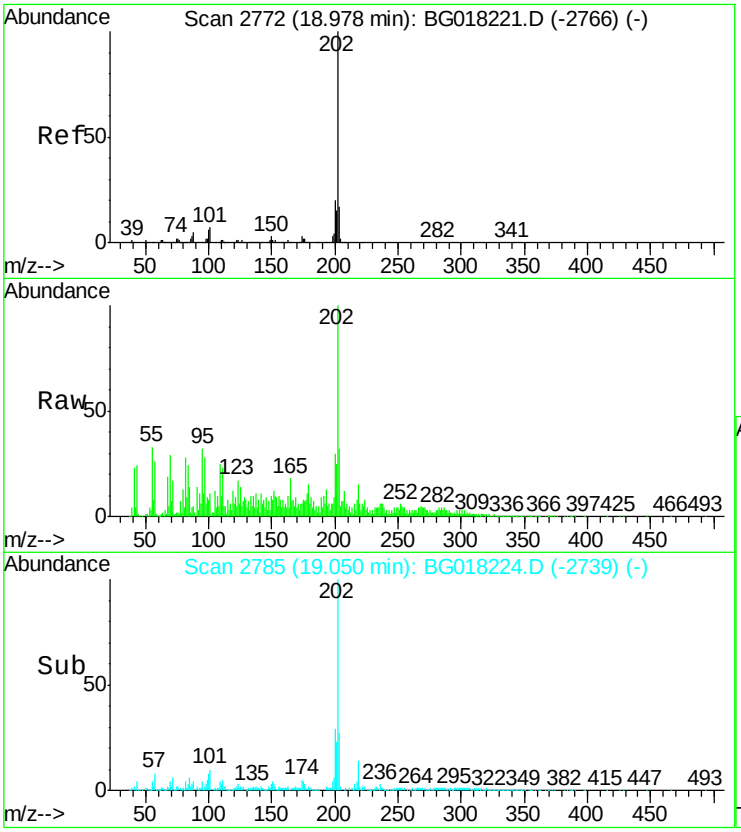


#76
Di-n-butylphthalate
Concen: 5.58 ng/ul
RT: 17.90 min Scan# 2589
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:149 Resp: 112826

Ion	Ratio	Lower	Upper
149	100		
150	49.7	7.7	11.5#
104	13.7	3.6	5.4#



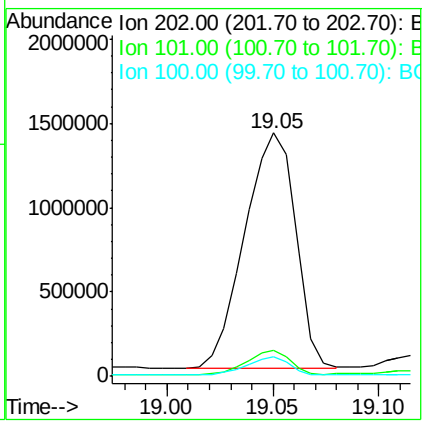


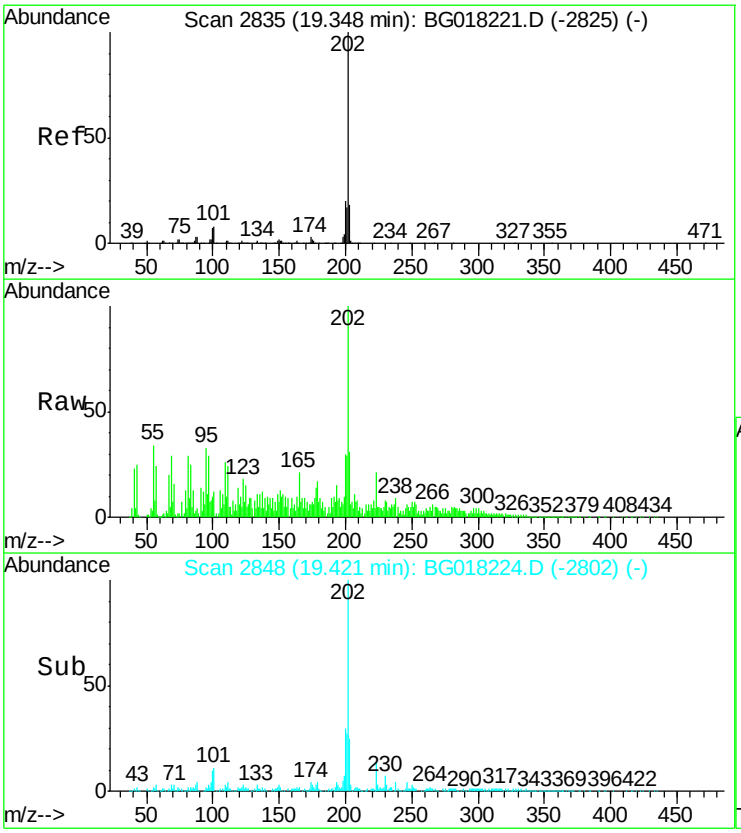
#77
Fluoranthene
Concen: 116.24 ng/ul
RT: 19.05 min Scan# 2785
Delta R.T. 0.07 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:202 Resp: 2348473

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	8.1	5.5	8.3

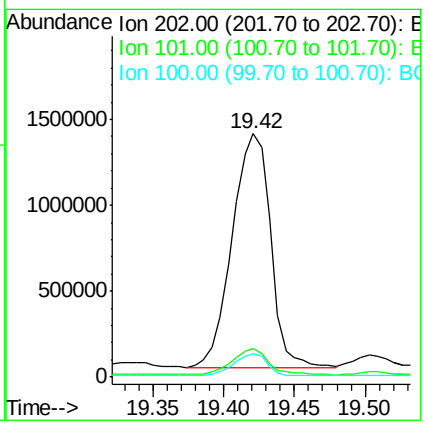


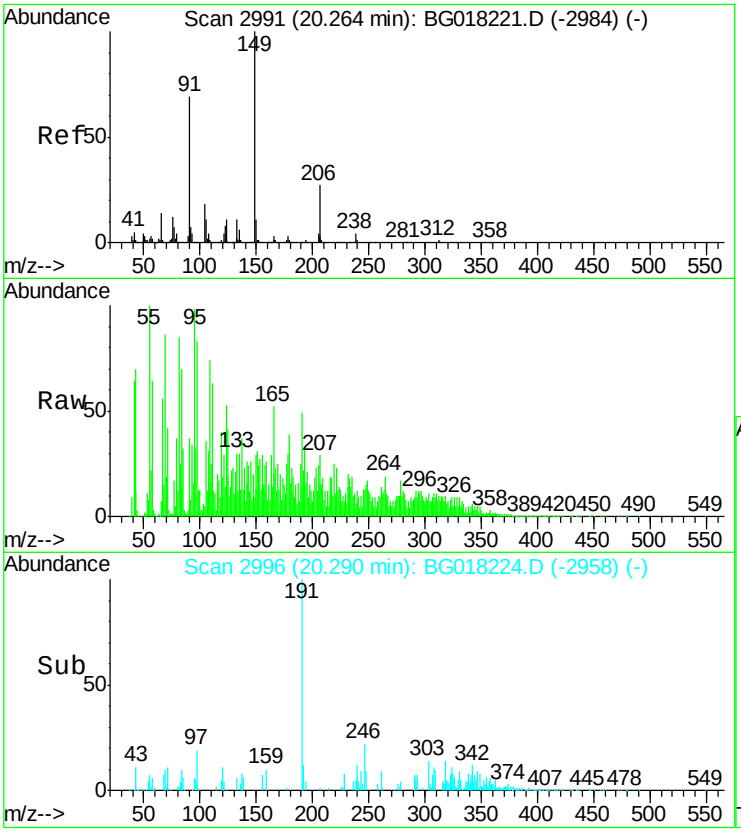


#80
Pyrene
Concen: 12424.82 ng/ul
RT: 19.42 min Scan# 2848
Delta R.T. 0.07 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:202 Resp: 2580478

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.1	12.1
100	9.9	7.4	11.0



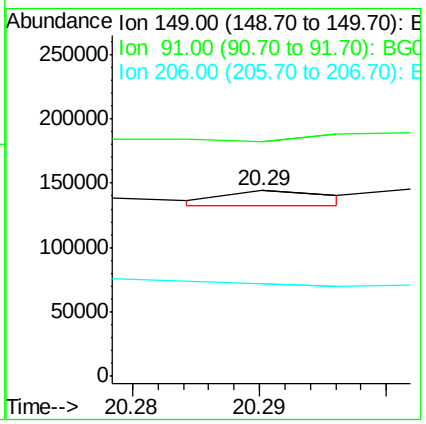


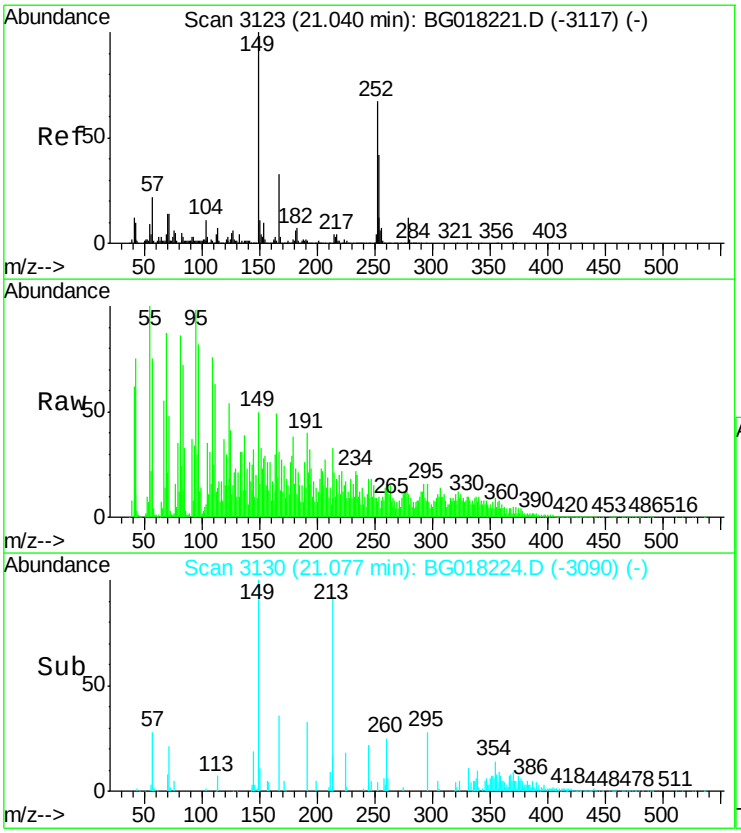
#81
Butylbenzylphthalate
Concen: 81.37 ng/ul
RT: 20.29 min Scan# 2996
Delta R.T. 0.03 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:149 Resp: 6864

Ion	Ratio	Lower	Upper
149	100		
91	126.8	46.6	69.8#
206	50.1	21.8	32.8#

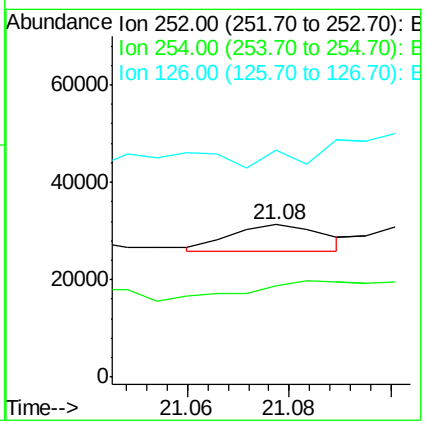


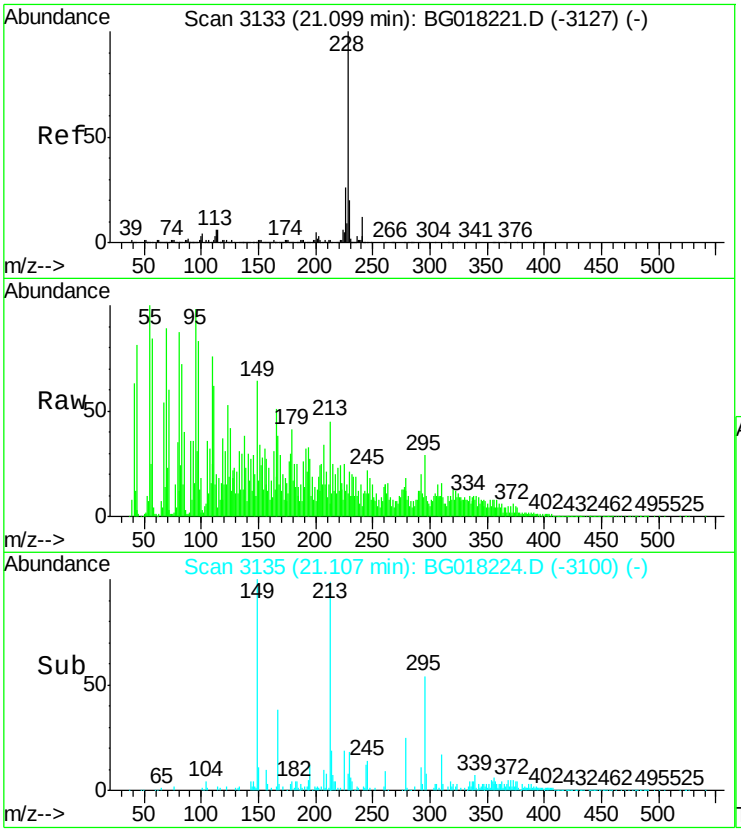


#82
3,3'-Dichlorobenzidine
Concen: 98.48 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. 0.04 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:252 Resp: 7111

Ion	Ratio	Lower	Upper
252	100		
254	59.5	53.4	80.0
126	148.8	8.7	13.1#



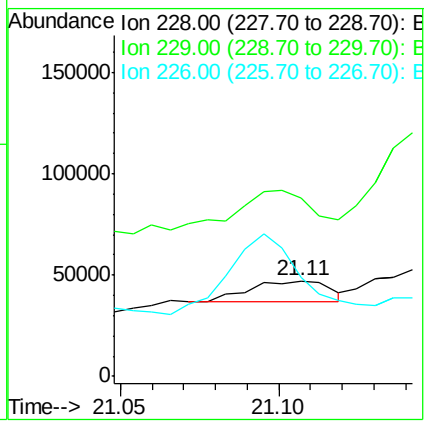


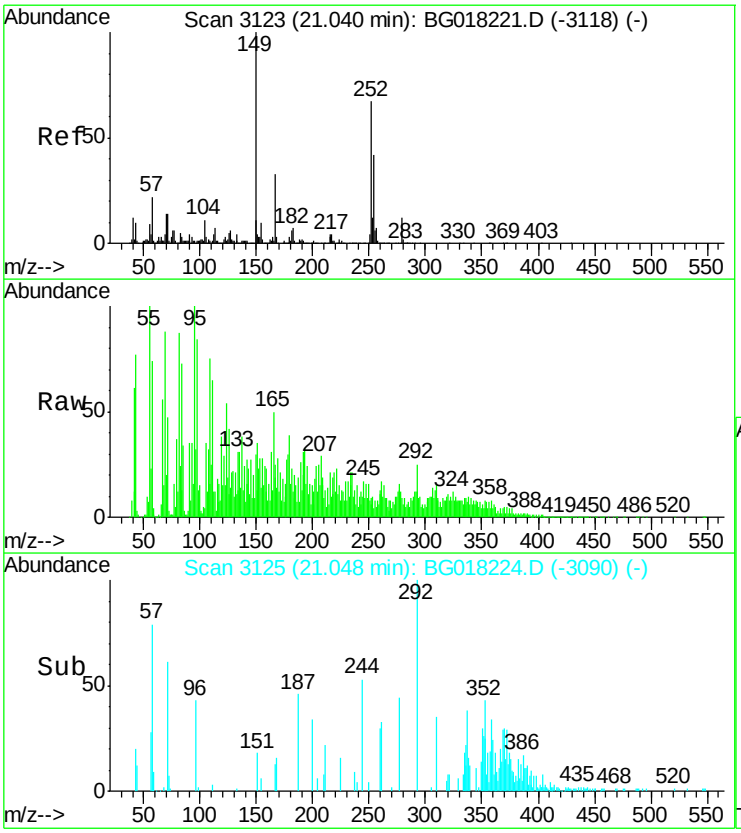
#83
Benzo(a)anthracene
Concen: 100.03 ng/ul
RT: 21.11 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:228 Resp: 18444

Ion	Ratio	Lower	Upper
228	100		
229	186.5	16.5	24.7#
226	103.4	21.5	32.3#

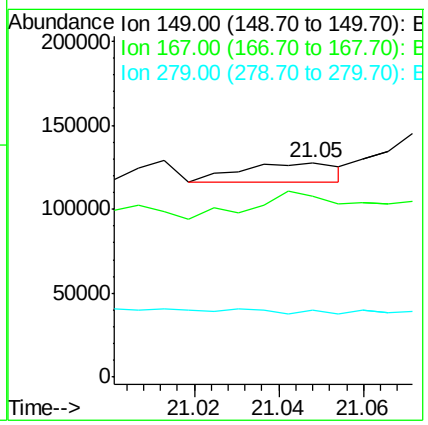


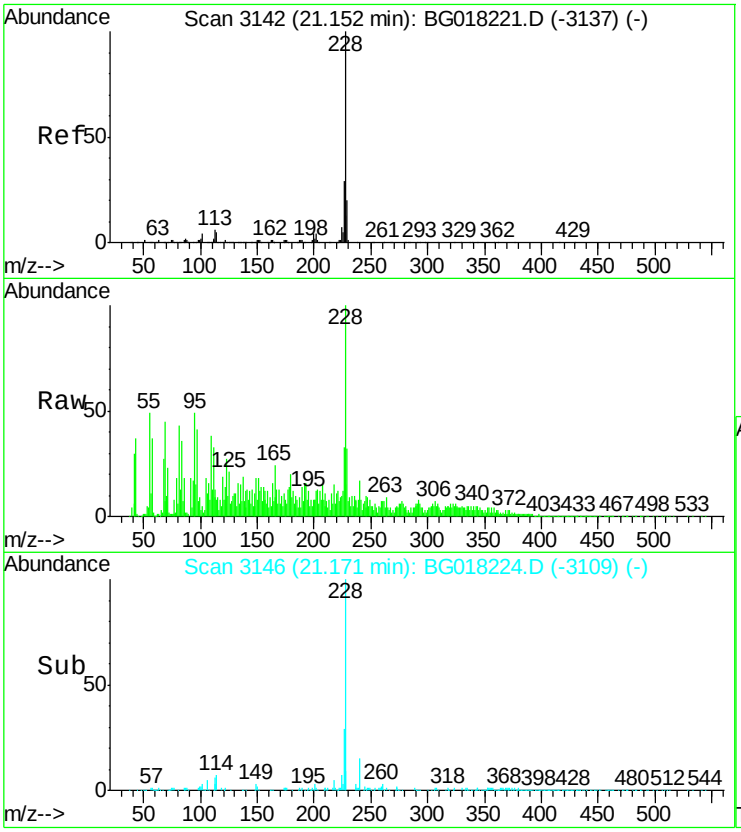


#84
Bis(2-ethylhexyl)phthalate
Concen: 161.74 ng/ul
RT: 21.05 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:149 Resp: 18409

Ion	Ratio	Lower	Upper
149	100		
167	84.5	27.4	41.2#
279	31.1	8.3	12.5#



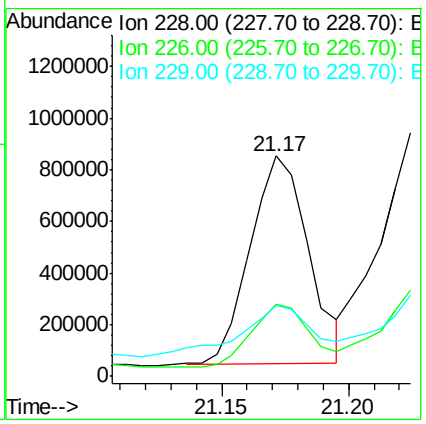


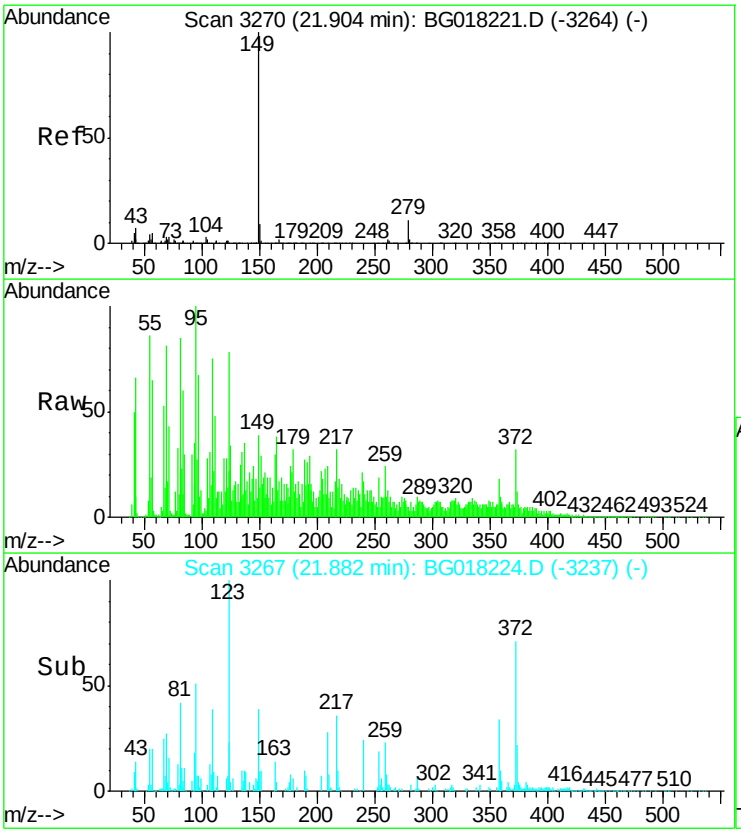
#85
Chrysene
Concen: 7626.96 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.02 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:228 Resp: 1288218

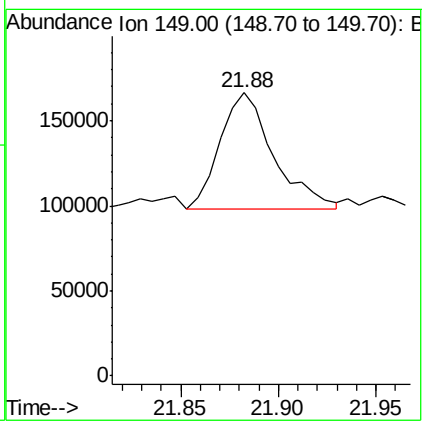
Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.7	34.1
229	32.0	16.2	24.2#

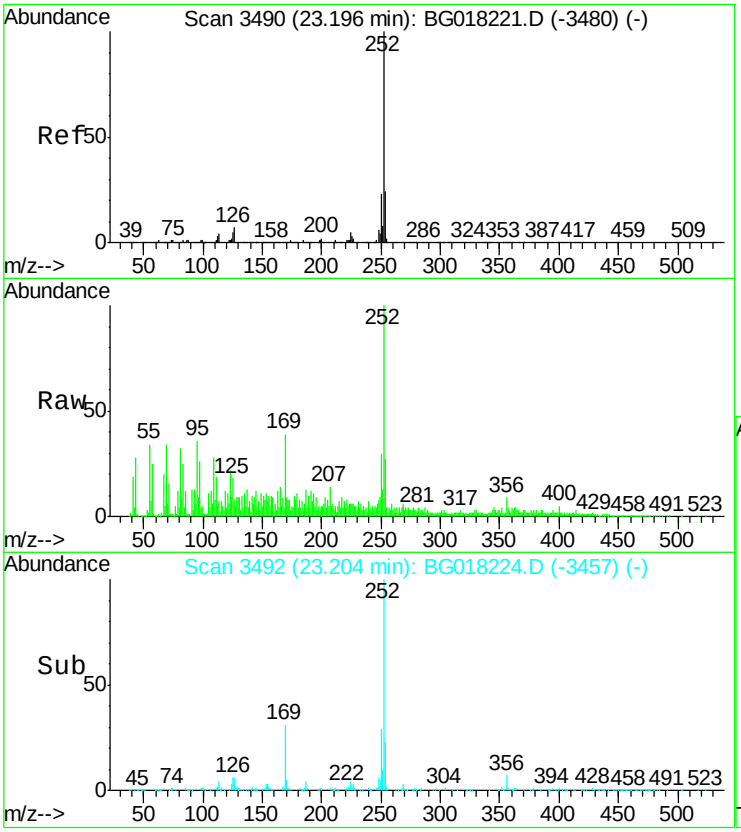




#87
Di-n-octyl phthalate
Concen: 7.19 ng/ul
RT: 21.88 min Scan# 3267
Delta R.T. -0.02 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Tgt Ion:149 Resp: 128177





#91
Benzo(a)pyrene
Concen: 48.20 ng/ul
RT: 23.20 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG018224.D
Acq: 2 Aug 2015 14:05

Instrument :
BNA_G
ClientSampleId :
C02A6RE

Tgt Ion:252 Resp: 873918

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	17.8	7.3	10.9#