Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018235.D
Acq On : 2 Aug 2015 20:30
Operator : TP
Sample : G3073-09RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Q2RE

Quant Time: Aug 03 06:04:34 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	88922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	351057	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.17	164	174023	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	165574	20.00	ng/ul	0.11
78) Chrysene-d12	21.25	240	527	20.00	ng/ul	0.13
86) Perylene-d12	23.32	264	270937	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2025	1.72	ng/uL	0.01
5) Phenol-d5	6.69	99	95982	12.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	50120	12.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	84034	13.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	71521	10.98	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	42935	15.53	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	43241	13.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	84542	15.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.41	131	50749	7.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	205808	15.30	ng/ul	0.01
47) Acenaphthylene-d8	13.86	160	230128	14.76	ng/ul	0.02
52) 4-Nitrophenol-d4	14.42	143	21337	8.57	ng/ul	0.03
58) Fluorene-d10	15.17	176	143993	11.83	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.38	200	276	0.24	ng/ul	0.09
71) Anthracene-d10	17.02	188	165542	22.99	ng/ul	0.02
79) Pyrene-d10	19.46	212	292	11.45	ng/ul	0.14
90) Benzo(a)pyrene-d12	23.19	264	178346	13.02	ng/ul	0.04
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.47	107	13114	1.88	ng/ul#	40
28) Naphthalene	10.32	128	78044	4.62	ng/ul	97
34) 2-Methylnaphthalene	11.95	142	40150	3.00	ng/ul	98
35) 1-Methylnaphthalene	12.17	142	20569	1.60	ng/ul#	98
45) Dimethylphthalate	13.63	163	113344	8.47	ng/ul	99
46) 2,6-Dinitrotoluene	13.78	165	6200	2.02	ng/ul#	37
48) Acenaphthylene	13.89	152	16039	1.04	ng/ul#	18
50) Acenaphthene	14.23	153	19942	1.98	ng/ul	93
54) Dibenzofuran	14.57	168	22335	1.47	ng/ul#	65
59) Fluorene	15.22	166	20790	1.59	ng/ul#	84
70) Phenanthrene	16.97	178	121829	14.48	ng/ul	99
80) Pyrene	19.45	202	2004	62.69	ng/ul#	51
81) Butylbenzylphthalate	20.38	149	1043	80.33	ng/ul#	16
82) 3,3'-Dichlorobenzidine	21.16	252	2189	196.97	ng/ul#	48
83) Benzo(a)anthracene	21.17	228	139590	4918.53	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.17	149	1645	93.90	ng/ul#	54
85) Chrysene	21.11	228	107662	4141.40	ng/ul	93
88) Benzo(b)fluoranthene	22.67	252	238127	14.63	ng/ul#	84
89) Benzo(k)fluoranthene	22.67	252	238127	15.92	ng/ul#	83
91) Benzo(a)pyrene	23.23	252	140815	9.67	ng/ul#	82
92) Indeno(1,2,3-cd)pyrene	25.53	276	59189	3.51	ng/ul#	82
94) Benzo(g,h,i)perylene	26.22	276	45971	3.34	ng/ul#	93

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018235.D
Acq On : 2 Aug 2015 20:30
Operator : TP
Sample : G3073-09RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Quant Time: Aug 03 06:04:34 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)

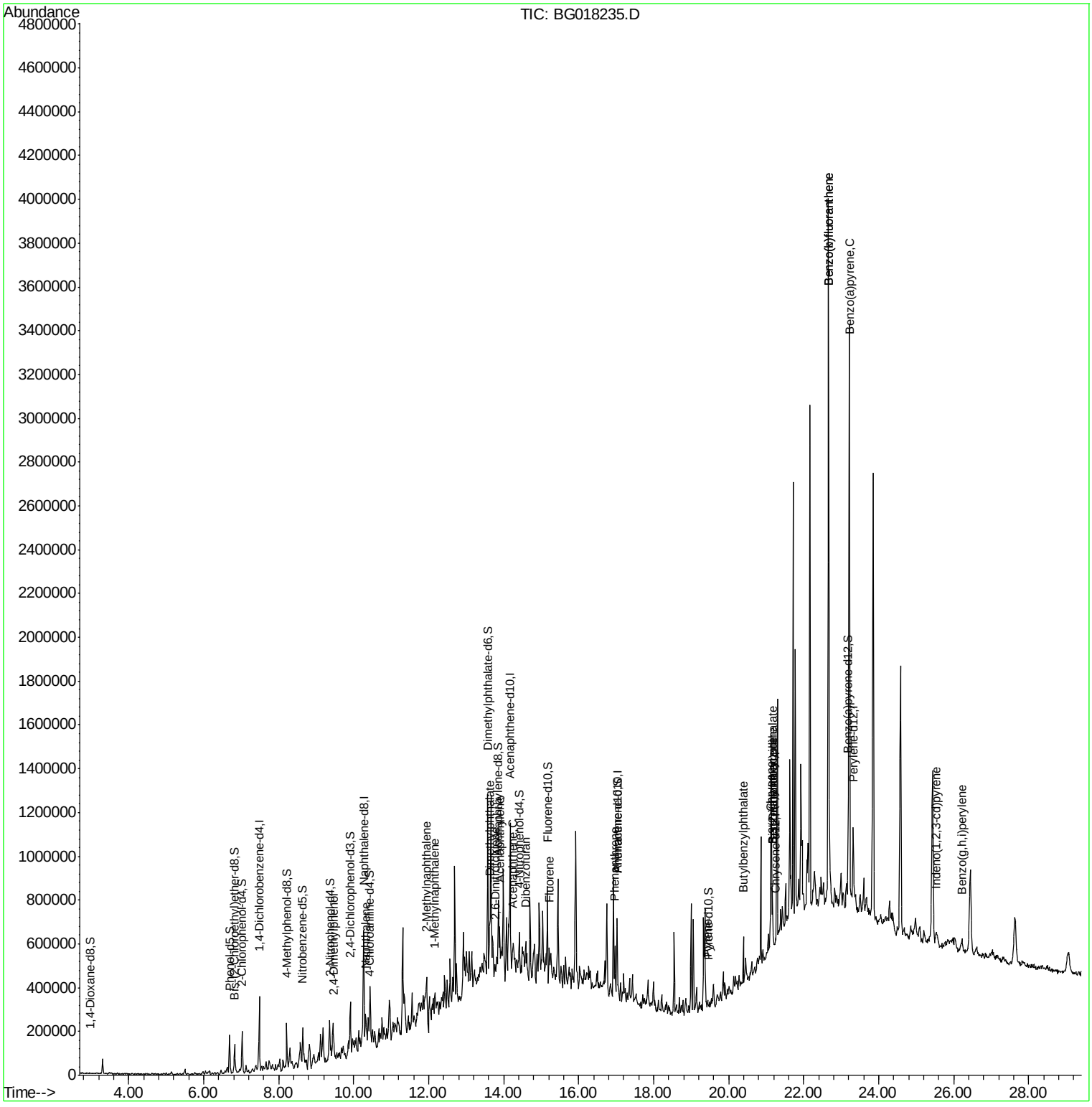
(#) = qualifier out of range (m) = manual integration (+) = signals summed

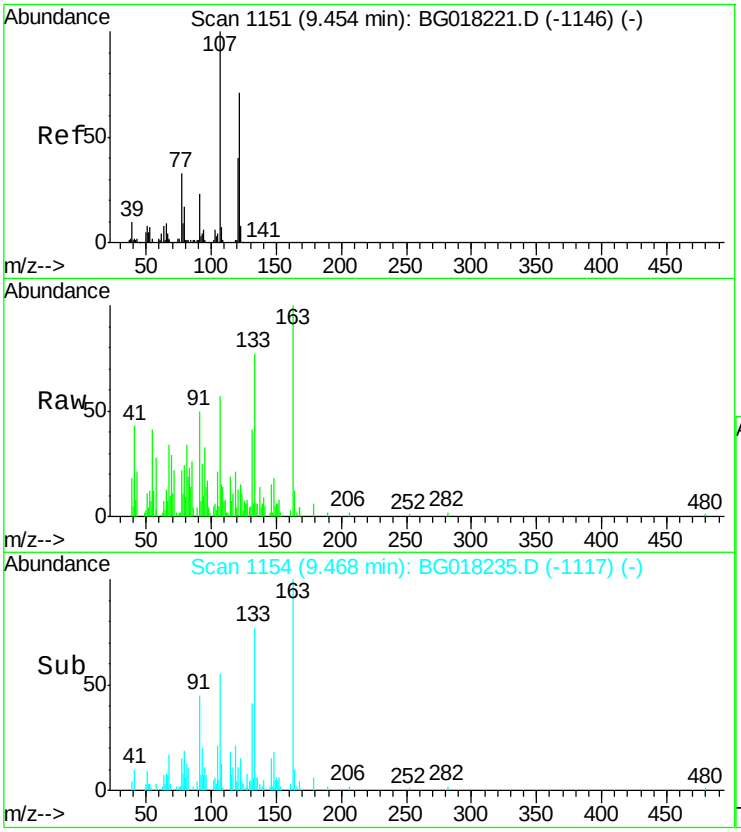
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018235.D
Acq On : 2 Aug 2015 20:30
Operator : TP
Sample : G3073-09RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Q2RE

Quant Time: Aug 03 06:04:34 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



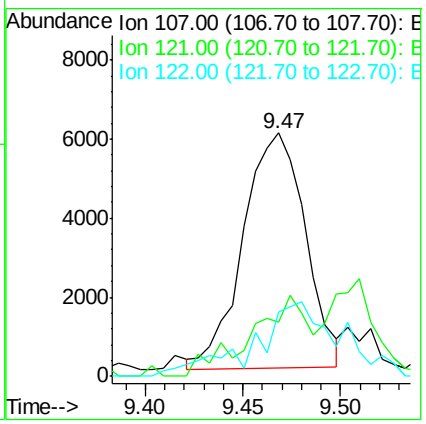


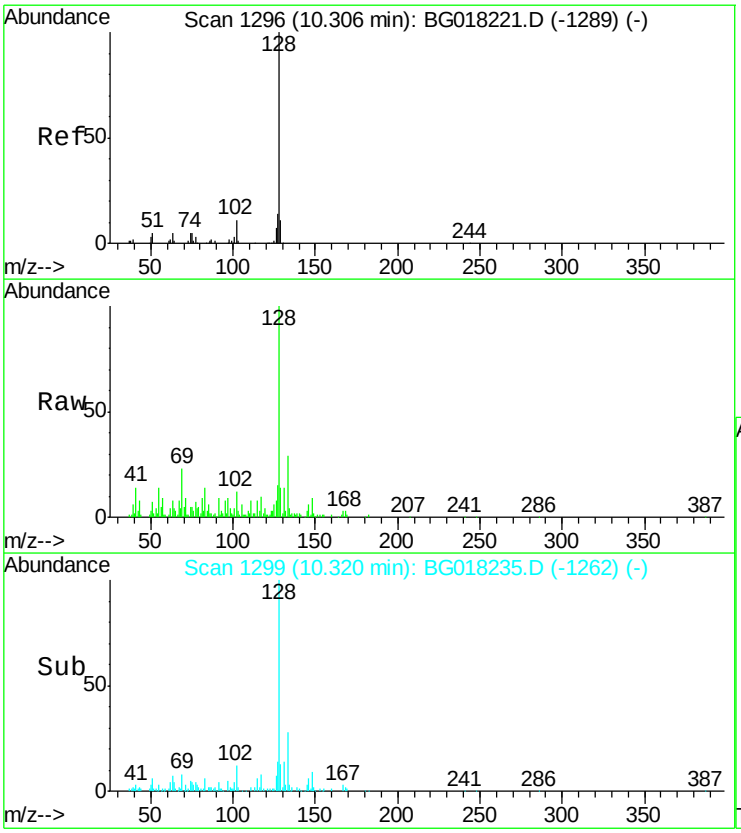
#24
2,4-Dimethylphenol
Concen: 1.88 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:107 Resp: 13114

Ion	Ratio	Lower	Upper
107	100		
121	22.1	41.4	62.2#
122	26.4	75.3	112.9#

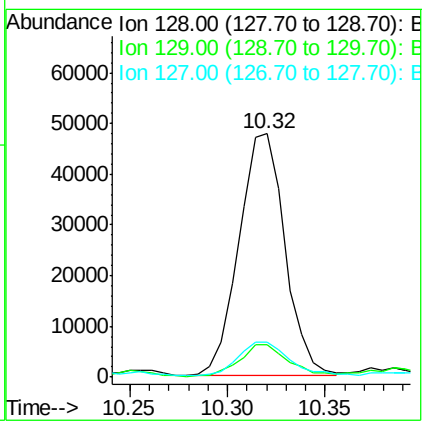


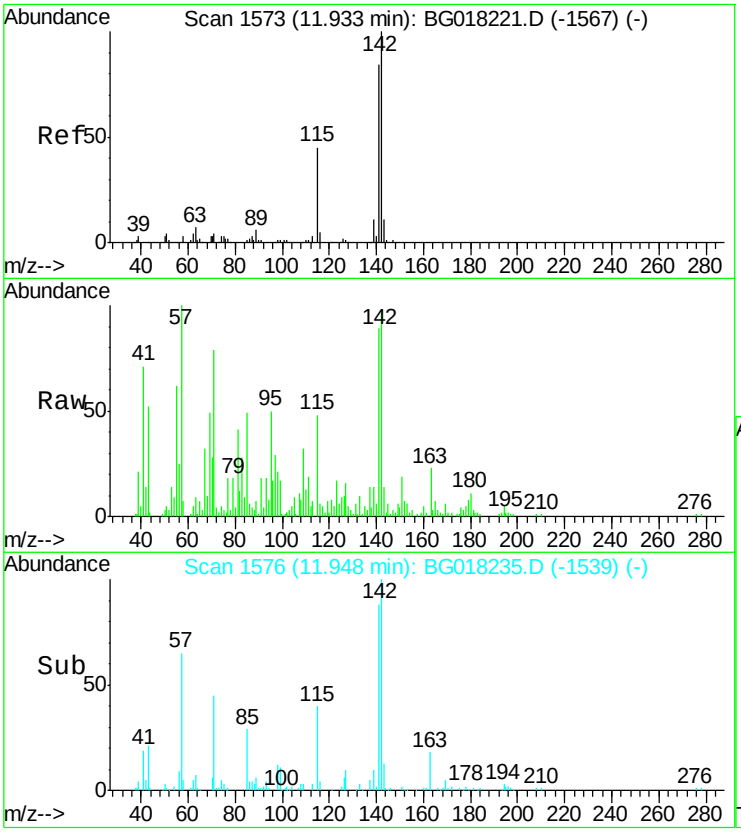


#28
Naphthalene
Concen: 4.62 ng/ul
RT: 10.32 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:128 Resp: 78044

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	14.5	11.2	16.8



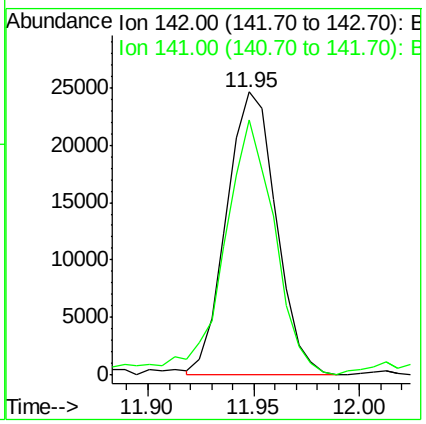


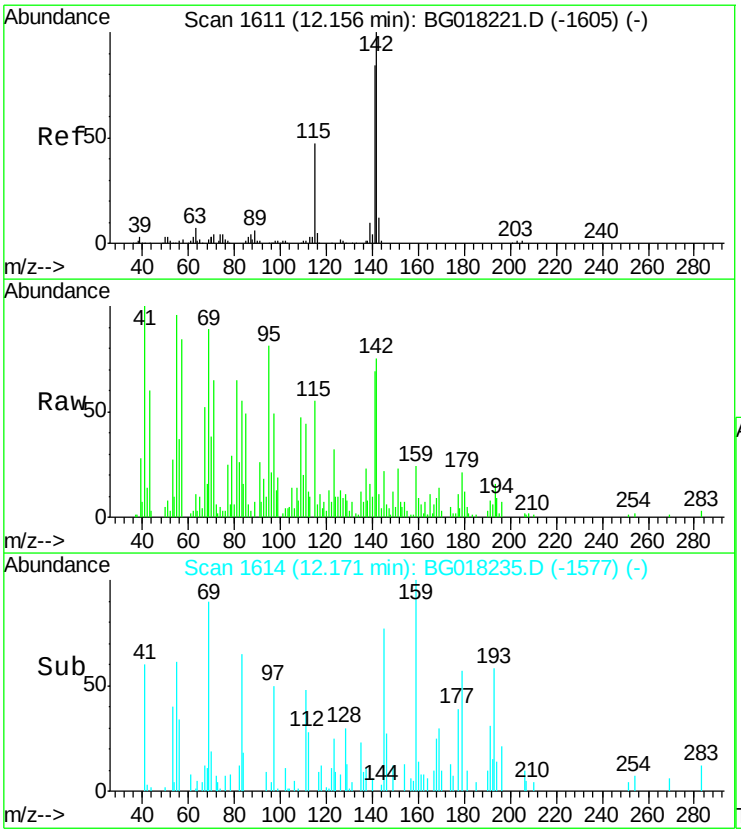
#34
2-Methylnaphthalene
Concen: 3.00 ng/ul
RT: 11.95 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:142 Resp: 40150

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5

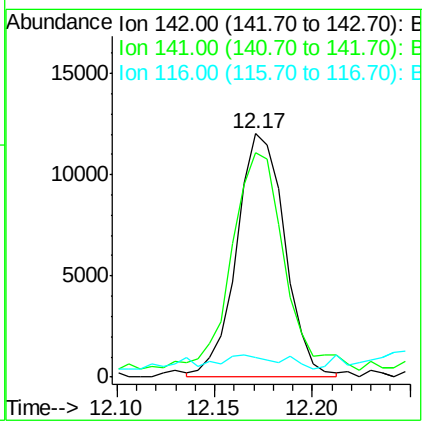


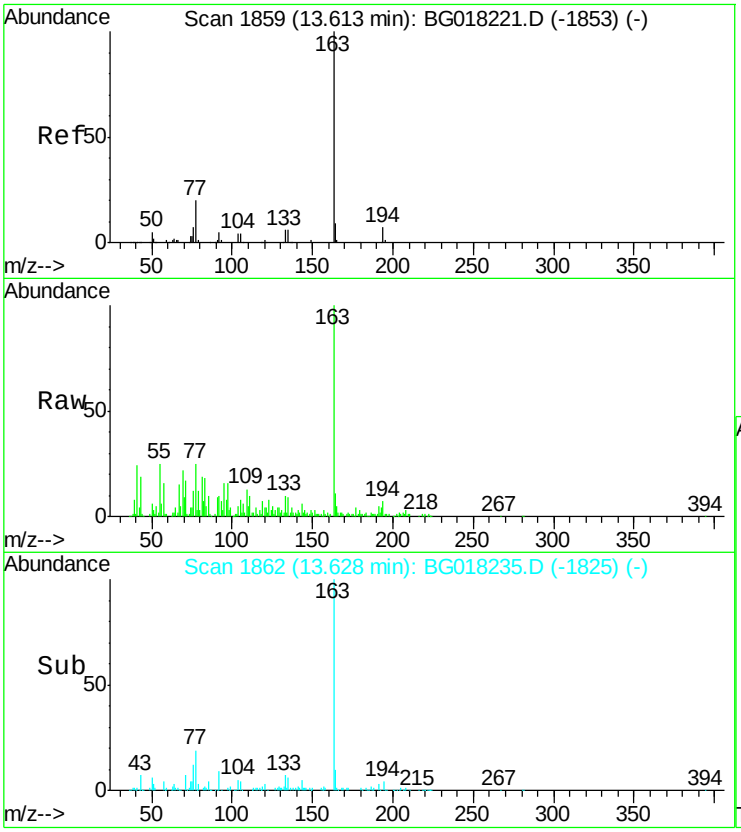


#35
1-Methylnaphthalene
Concen: 1.60 ng/ul
RT: 12.17 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:142 Resp: 20569

Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.5	108.7
116	8.1	2.6	4.0#



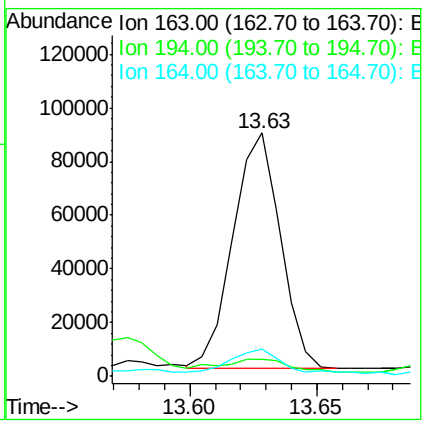


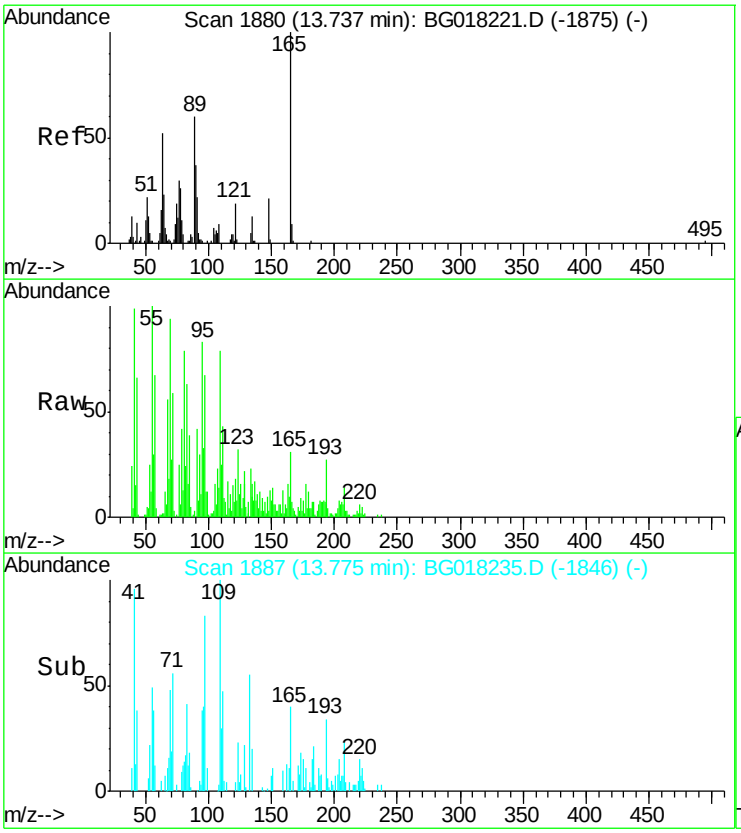
#45
Dimethylphthalate
Concen: 8.47 ng/ul
RT: 13.63 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:163 Resp: 113344

Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.2	7.8
164	11.0	8.4	12.6

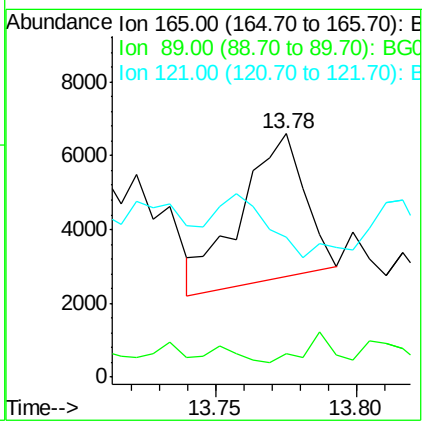


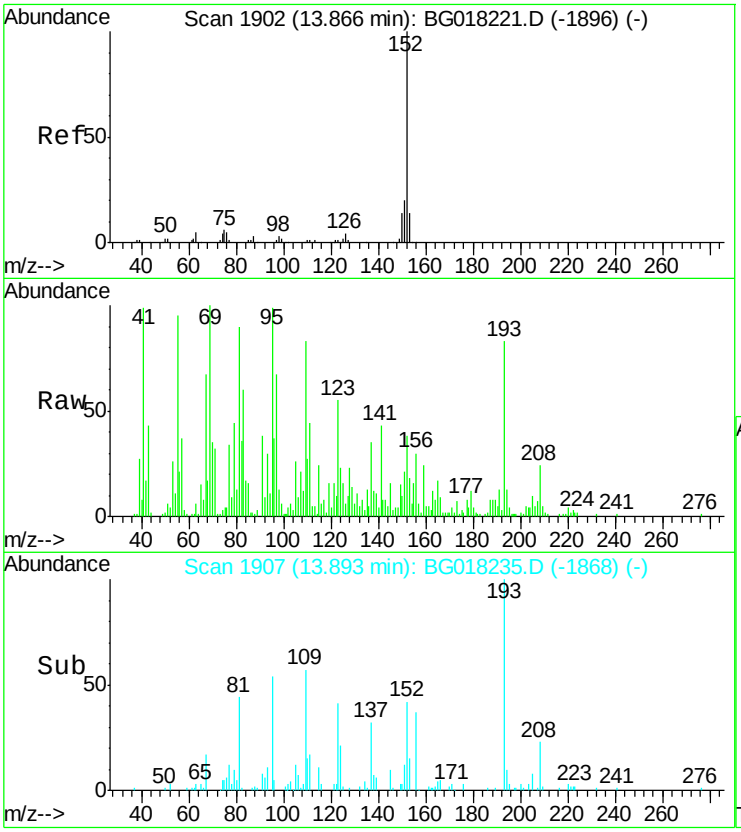


#46
2,6-Dinitrotoluene
Concen: 2.02 ng/ul
RT: 13.78 min Scan# 1887
Delta R.T. 0.04 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:165 Resp: 6200

Ion	Ratio	Lower	Upper
165	100		
89	9.4	35.4	53.2#
121	57.5	15.0	22.6#



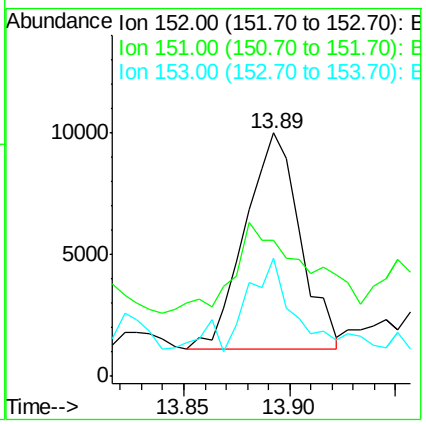


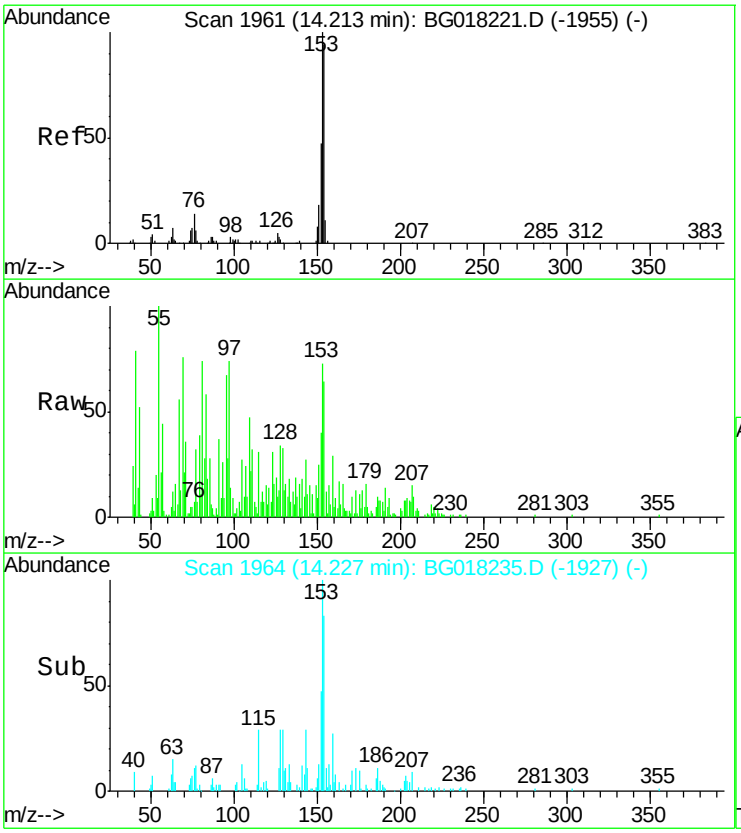
#48
Acenaphthylene
Concen: 1.04 ng/ul
RT: 13.89 min Scan# 1907
Delta R.T. 0.03 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:152 Resp: 16039

Ion	Ratio	Lower	Upper
152	100		
151	55.9	16.0	24.0#
153	48.8	11.0	16.4#

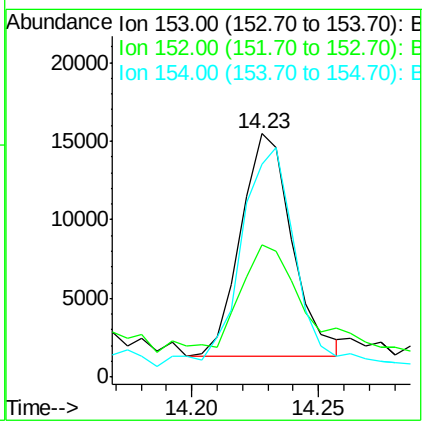


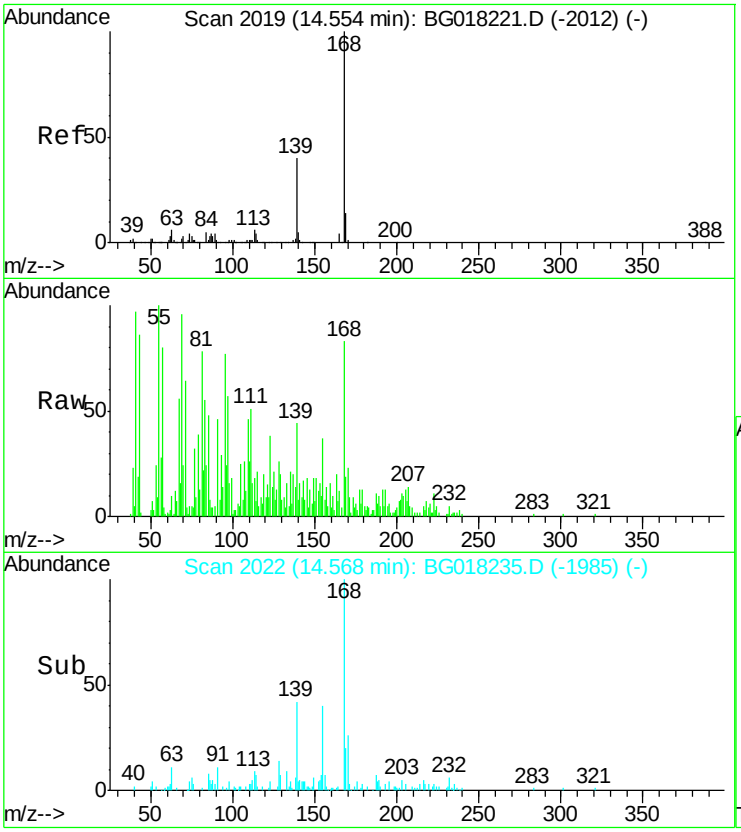


#50
Acenaphthene
Concen: 1.98 ng/ul
RT: 14.23 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:153 Resp: 19942

Ion	Ratio	Lower	Upper
153	100		
152	54.2	38.7	58.1
154	87.3	74.8	112.2



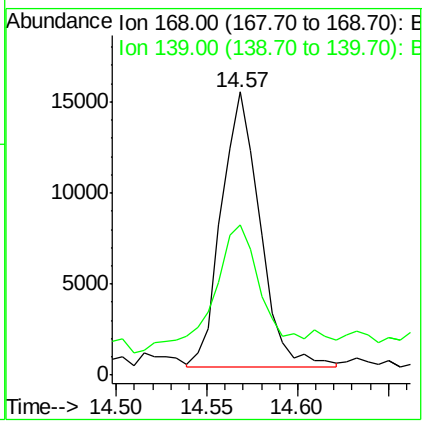


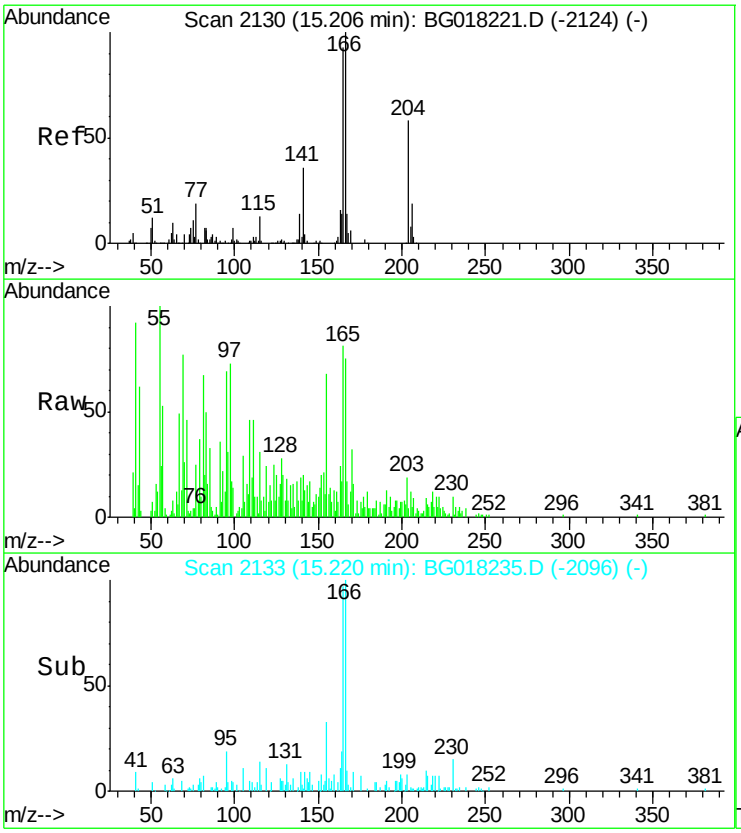
#54
Dibenzofuran
Concen: 1.47 ng/ul
RT: 14.57 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:168 Resp: 22335

Ion	Ratio	Lower	Upper
168	100		
139	53.3	26.8	40.2#

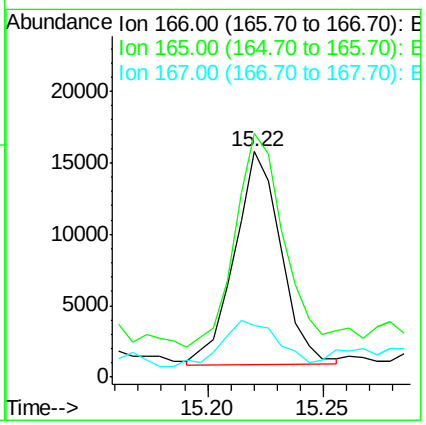


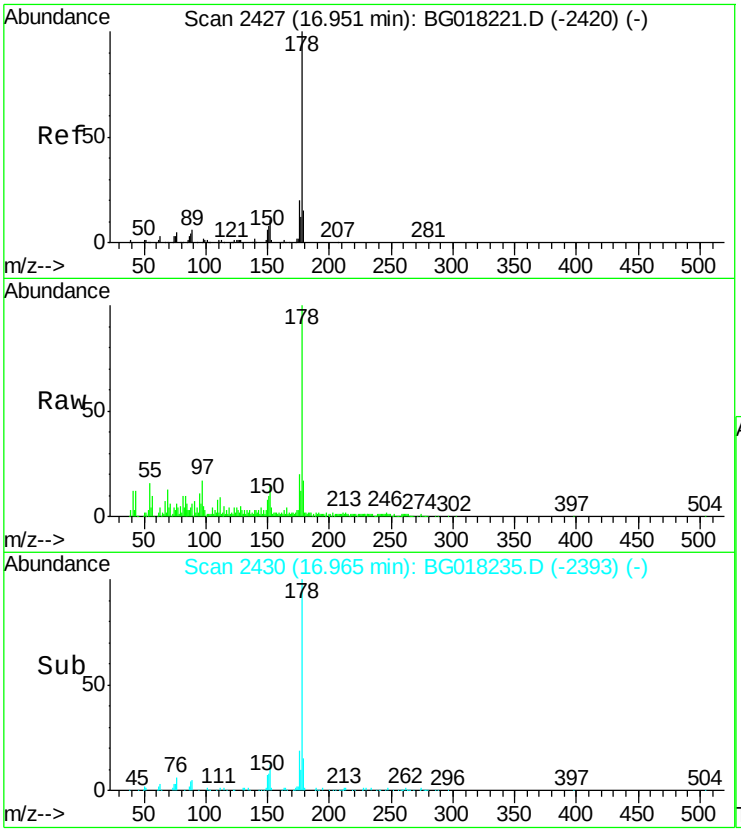


#59
Fluorene
Concen: 1.59 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:166 Resp: 20790

Ion	Ratio	Lower	Upper
166	100		
165	108.2	75.1	112.7
167	23.2	11.8	17.6#



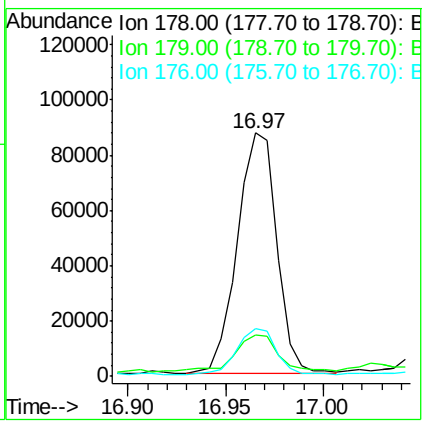


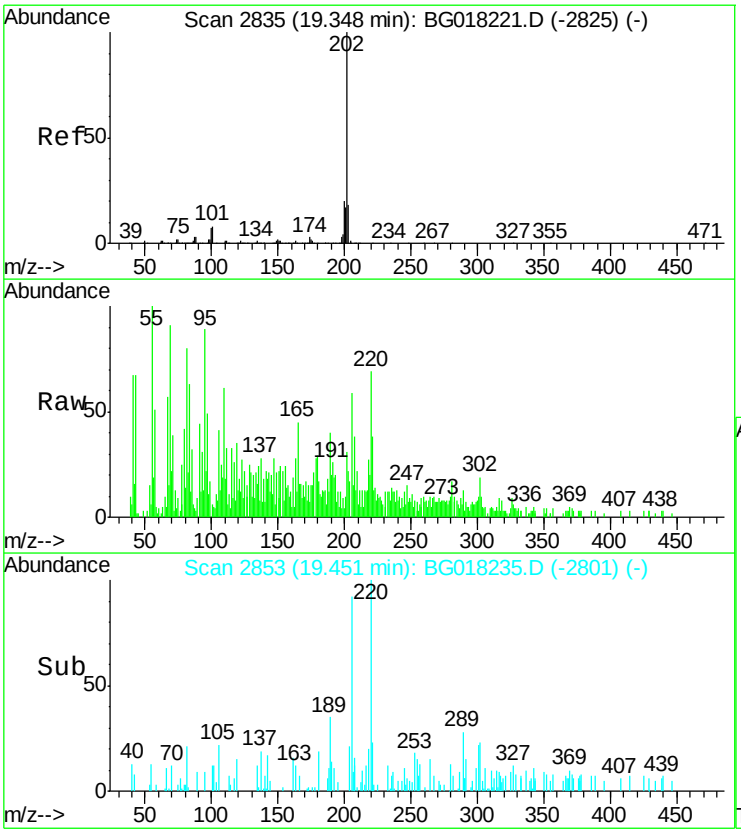
#70
Phenanthrene
Concen: 14.48 ng/ul
RT: 16.97 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:178 Resp: 121829

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.8	19.2
176	19.9	16.0	24.0

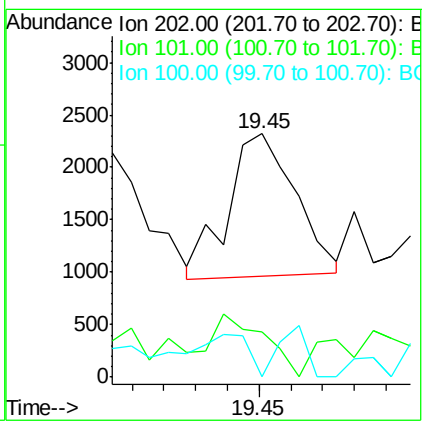


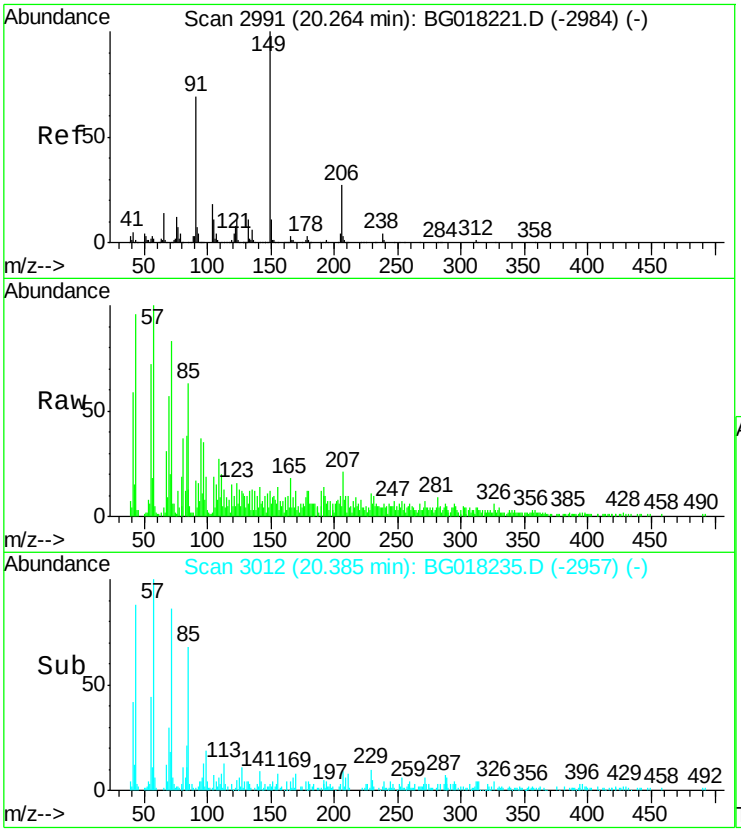


#80
Pyrene
Concen: 62.69 ng/ul
RT: 19.45 min Scan# 2853
Delta R.T. 0.10 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:202 Resp: 2004

Ion	Ratio	Lower	Upper
202	100		
101	36.3	8.1	12.1#
100	0.0	7.4	11.0#



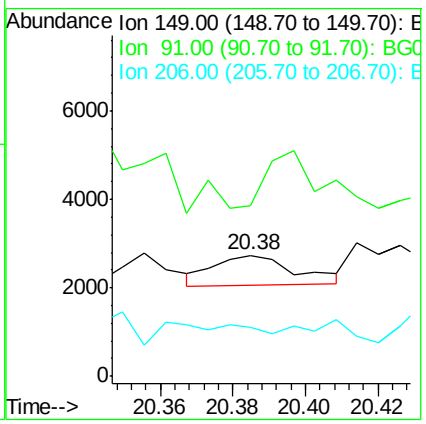


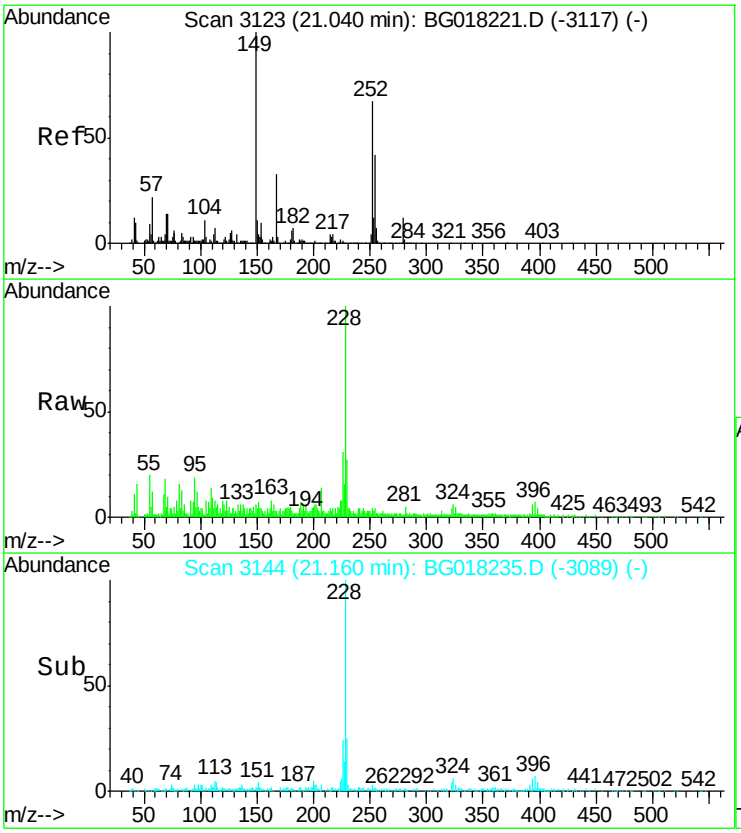
#81
Butylbenzylphthalate
Concen: 80.33 ng/ul
RT: 20.38 min Scan# 3012
Delta R.T. 0.12 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:149 Resp: 1043

Ion	Ratio	Lower	Upper
149	100		
91	141.5	46.6	69.8#
206	40.3	21.8	32.8#

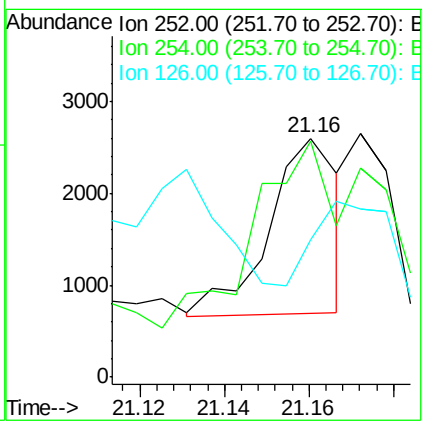


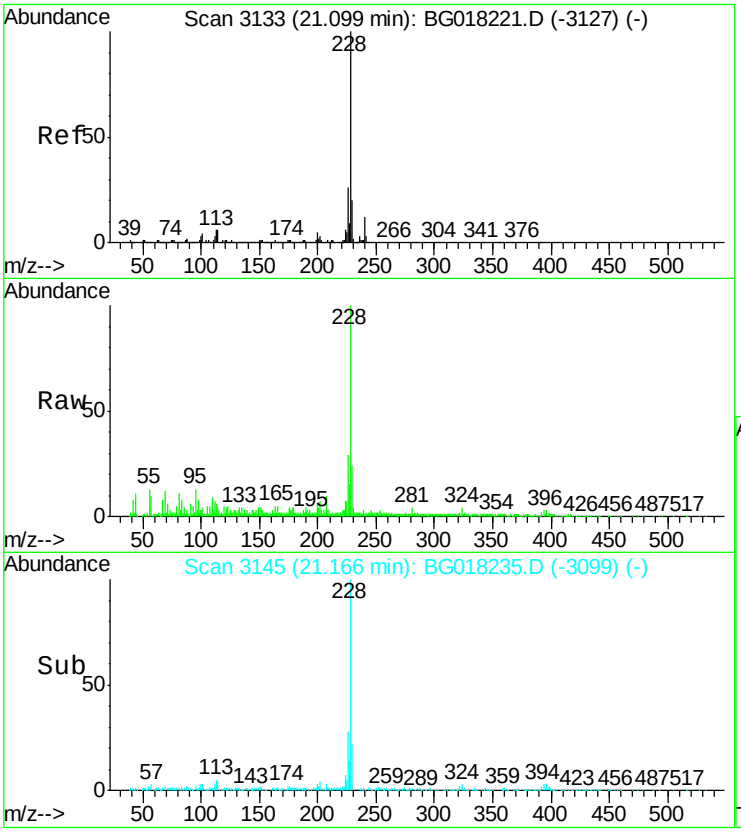


#82
3,3'-Dichlorobenzidine
Concen: 196.97 ng/ul
RT: 21.16 min Scan# 3144
Delta R.T. 0.12 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:252 Resp: 2189

Ion	Ratio	Lower	Upper
252	100		
254	98.7	53.4	80.0#
126	57.4	8.7	13.1#



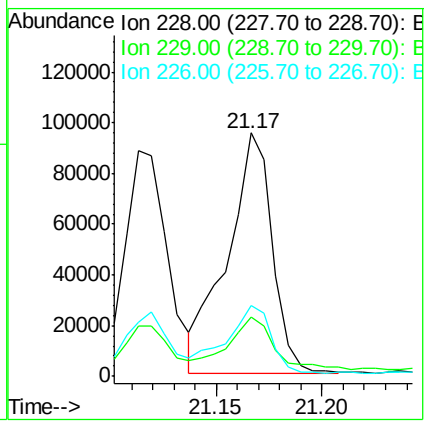


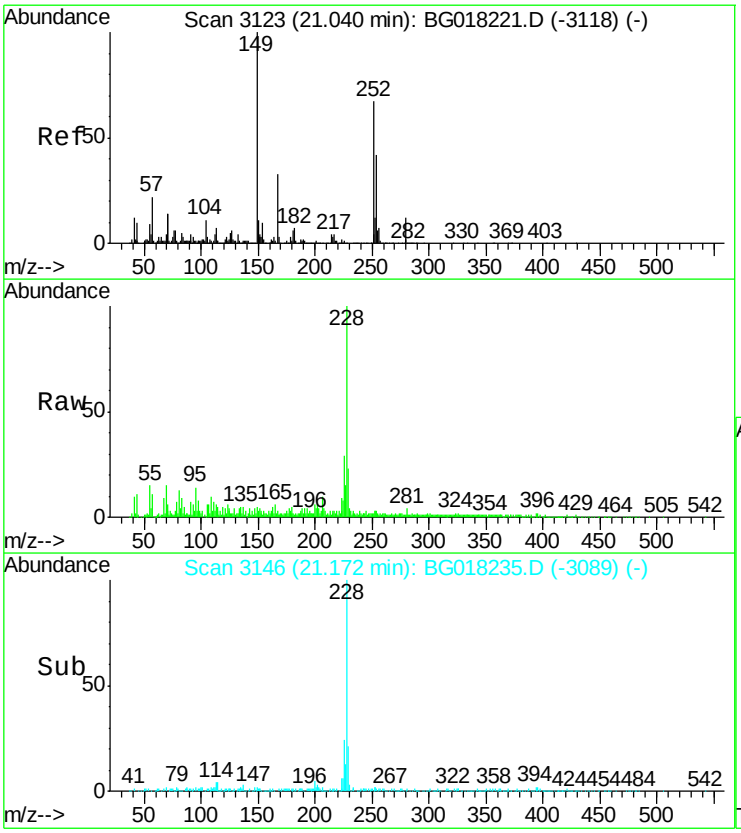
#83
Benzo(a)anthracene
Concen: 4918.53 ng/ul
RT: 21.17 min Scan# 3145
Delta R.T. 0.07 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:228 Resp: 139590

Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.5	24.7
226	28.8	21.5	32.3

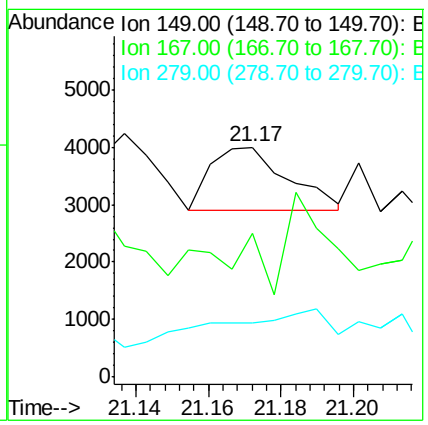


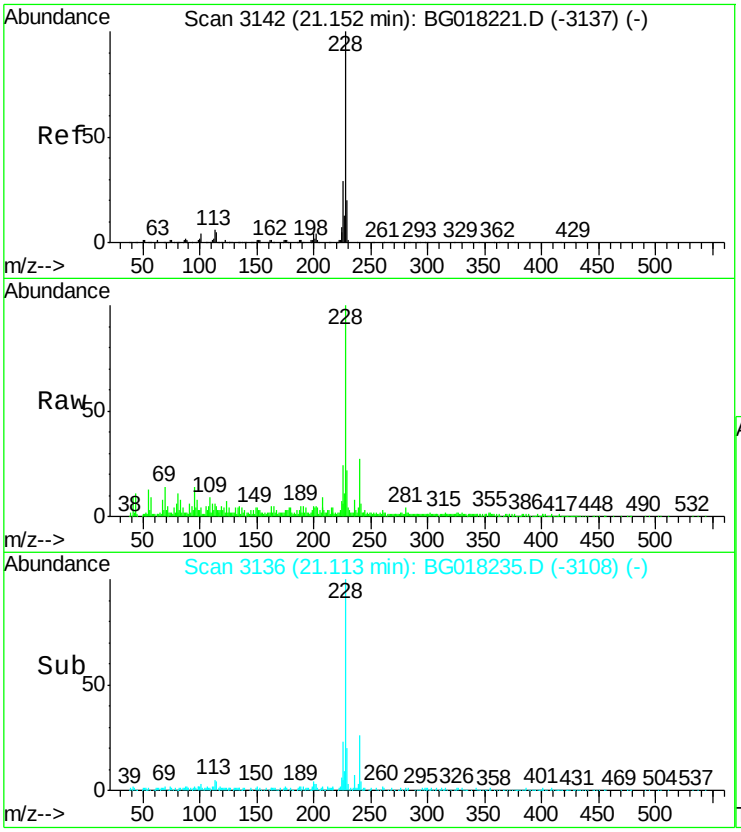


#84
Bis(2-ethylhexyl)phthalate
Concen: 93.90 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.13 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:149 Resp: 1645

Ion	Ratio	Lower	Upper
149	100		
167	62.7	27.4	41.2#
279	23.8	8.3	12.5#



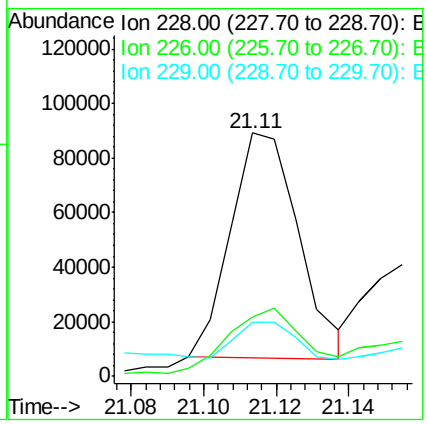


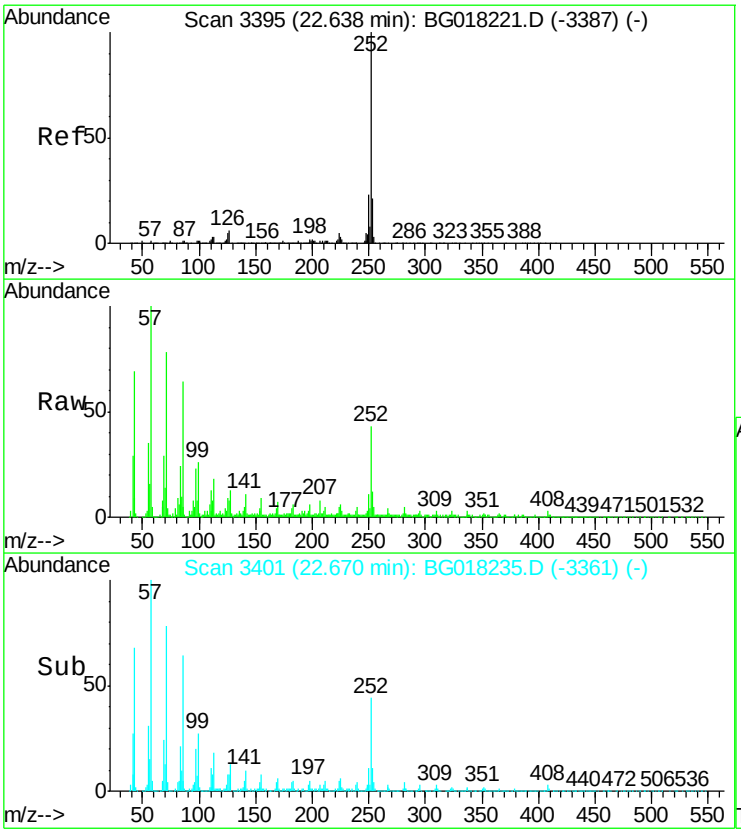
#85
Chrysene
Concen: 4141.40 ng/ul
RT: 21.11 min Scan# 3136
Delta R.T. -0.04 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:228 Resp: 107662

Ion	Ratio	Lower	Upper
228	100		
226	24.1	22.7	34.1
229	22.2	16.2	24.2

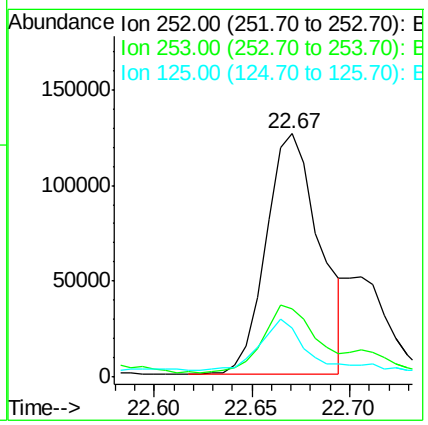


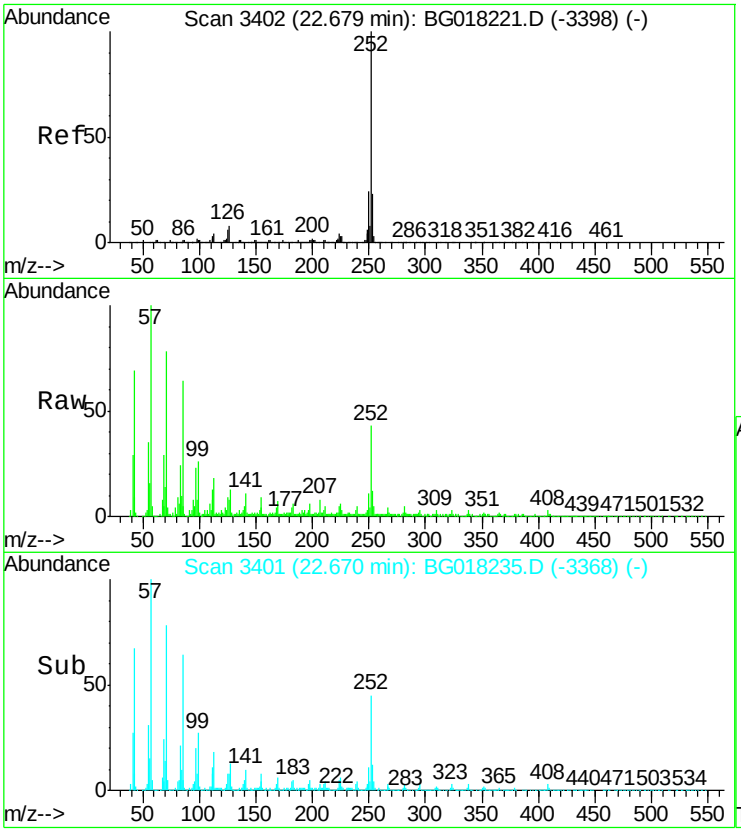


#88
Benzo(b)fluoranthene
Concen: 14.63 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.03 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:252 Resp: 238127

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.5	27.7#
125	20.2	7.4	11.0#



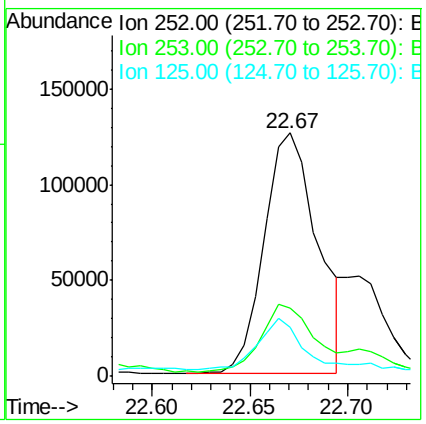


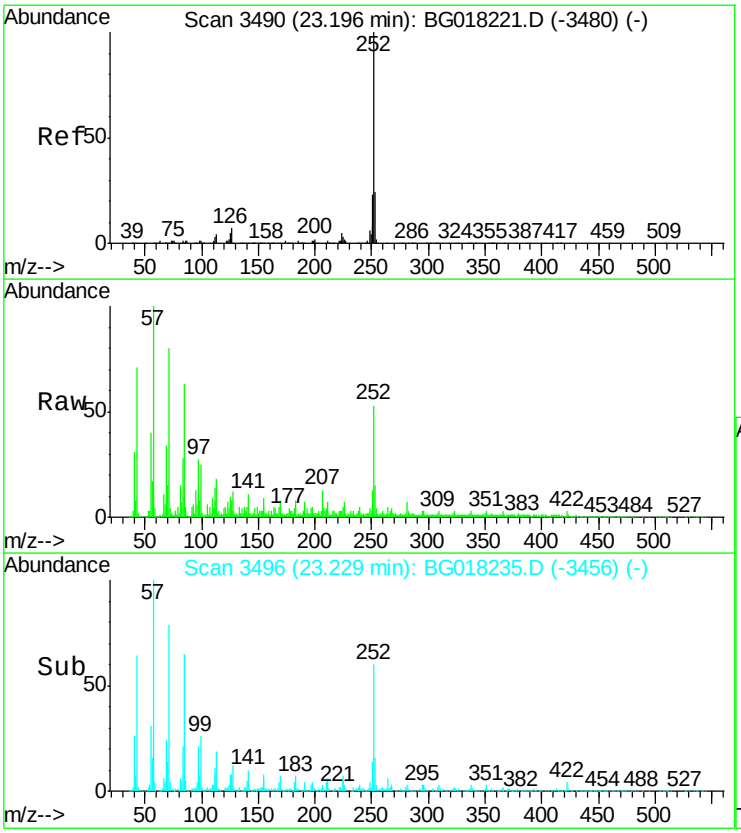
#89
Benzo(k)fluoranthene
Concen: 15.92 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:252 Resp: 238127

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.2#
125	20.2	7.5	11.3#

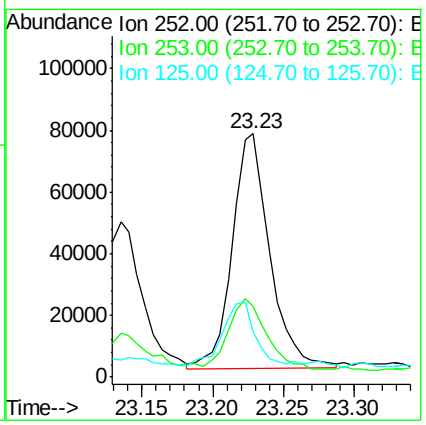


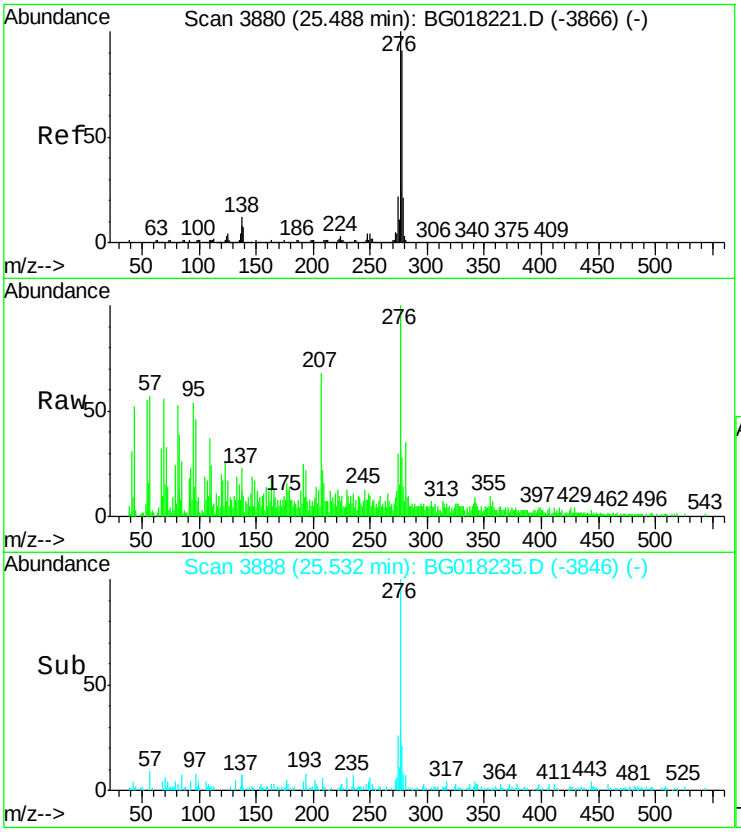


#91
Benzo(a)pyrene
Concen: 9.67 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.03 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:252 Resp: 140815

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.4	26.2#
125	18.5	7.3	10.9#



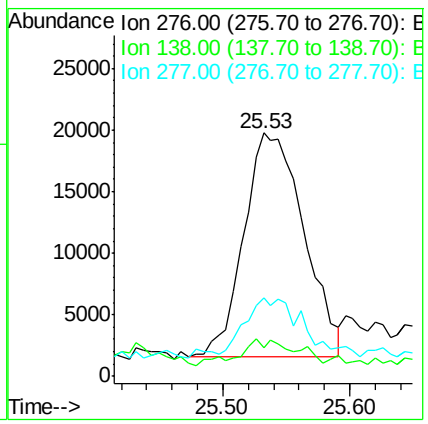


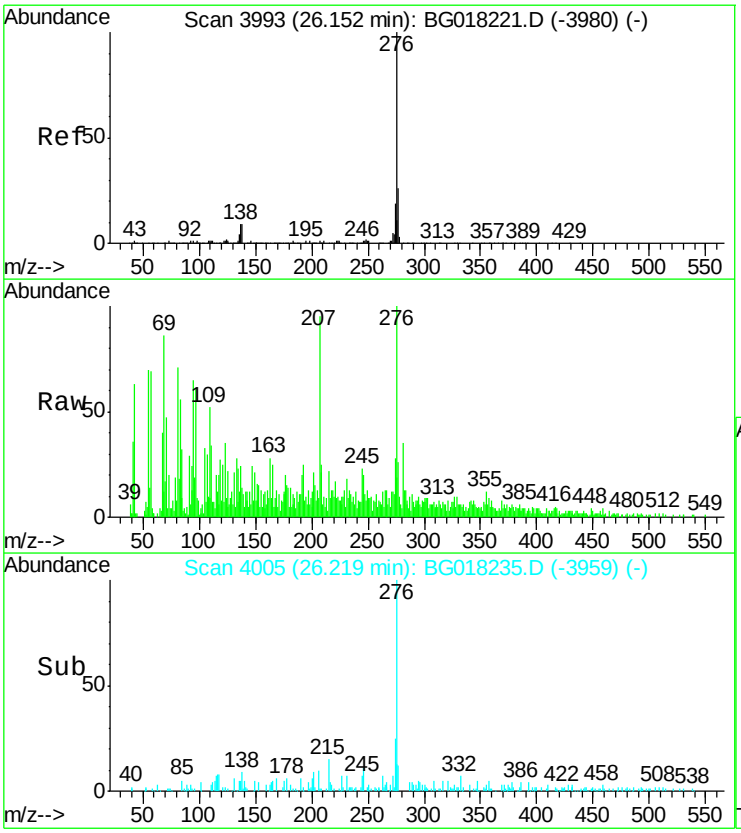
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.51 ng/ul
RT: 25.53 min Scan# 3888
Delta R.T. 0.04 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Instrument :
BNA_G
ClientSampleId :
C01Q2RE

Tgt Ion:276 Resp: 59189

Ion	Ratio	Lower	Upper
276	100		
138	11.7	17.2	25.8#
277	32.3	19.5	29.3#





#94
Benzo(g,h,i)perylene
Concen: 3.34 ng/ul
RT: 26.22 min Scan# 4005
Delta R.T. 0.07 min
Lab File: BG018235.D
Acq: 2 Aug 2015 20:30

Tgt Ion:276 Resp: 45971

Ion	Ratio	Lower	Upper
276	100		
138	14.0	15.1	22.7#
277	26.4	19.8	29.6