Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018383.D
Acq On : 11 Aug 2015 16:08
Operator : UM/MA
Sample : G3109-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8DL

Quant Time: Aug 12 01:00:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	119753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	543310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	330391	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	688769	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	573667	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	580236	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1169	0.43	ng/uL	-0.01
5) Phenol-d5	7.20	99	15010	1.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	9589	1.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	12116	1.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	12161	1.33	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	6513	1.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	5821	1.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	7933	0.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	9683	0.94	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	46494	1.67	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	59326	1.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	4586	0.92	ng/ul	0.00
58) Fluorene-d10	15.65	176	41900	1.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	61	0.02	ng/ul	0.00
71) Anthracene-d10	17.51	188	57364	1.74	ng/ul	0.00
79) Pyrene-d10	19.79	212	55773	1.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	53531	1.74	ng/ul	0.02
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.02	107	23270	2.17	ng/ul	92
28) Naphthalene	10.90	128	66575	2.32	ng/ul	98
34) 2-Methylnaphthalene	12.50	142	31861	1.53	ng/ul	81
35) 1-Methylnaphthalene	12.71	142	23145	1.14	ng/ul	98
45) Dimethylphthalate	14.11	163	31924	1.16	ng/ul#	97
50) Acenaphthene	14.73	153	43159	1.75	ng/ul	98
54) Dibenzofuran	15.06	168	38511	1.20	ng/ul	96
59) Fluorene	15.71	166	48057	1.74	ng/ul	97
70) Phenanthrene	17.46	178	307894	8.24	ng/ul	99
72) Anthracene	17.54	178	80314	2.11	ng/ul	95
75) Carbazole	17.81	167	34568	1.04	ng/ul#	80
76) Di-n-butylphthalate	18.37	149	54866	1.26	ng/ul#	95
77) Fluoranthene	19.46	202	383995	9.62	ng/ul	100
80) Pyrene	19.82	202	339754	8.76	ng/ul	99
81) Butylbenzylphthalate	20.70	149	44085	2.69	ng/ul#	81
83) Benzo(a)anthracene	21.66	228	137966	3.88	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.57	149	1362631	58.78	ng/ul	95
85) Chrysene	21.73	228	127217	3.83	ng/ul	99
88) Benzo(b)fluoranthene	23.90	252	156255	4.29	ng/ul#	44
91) Benzo(a)pyrene	24.77	252	112496	3.25	ng/ul#	44
92) Indeno(1,2,3-cd)pyrene	28.61	276	61194	1.53	ng/ul#	62

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018383.D
Acq On : 11 Aug 2015 16:08
Operator : UM/MA
Sample : G3109-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Quant Time: Aug 12 01:00:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 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\BG081115\
Data File : BG018383.D
Acq On : 11 Aug 2015 16:08
Operator : UM/MA
Sample : G3109-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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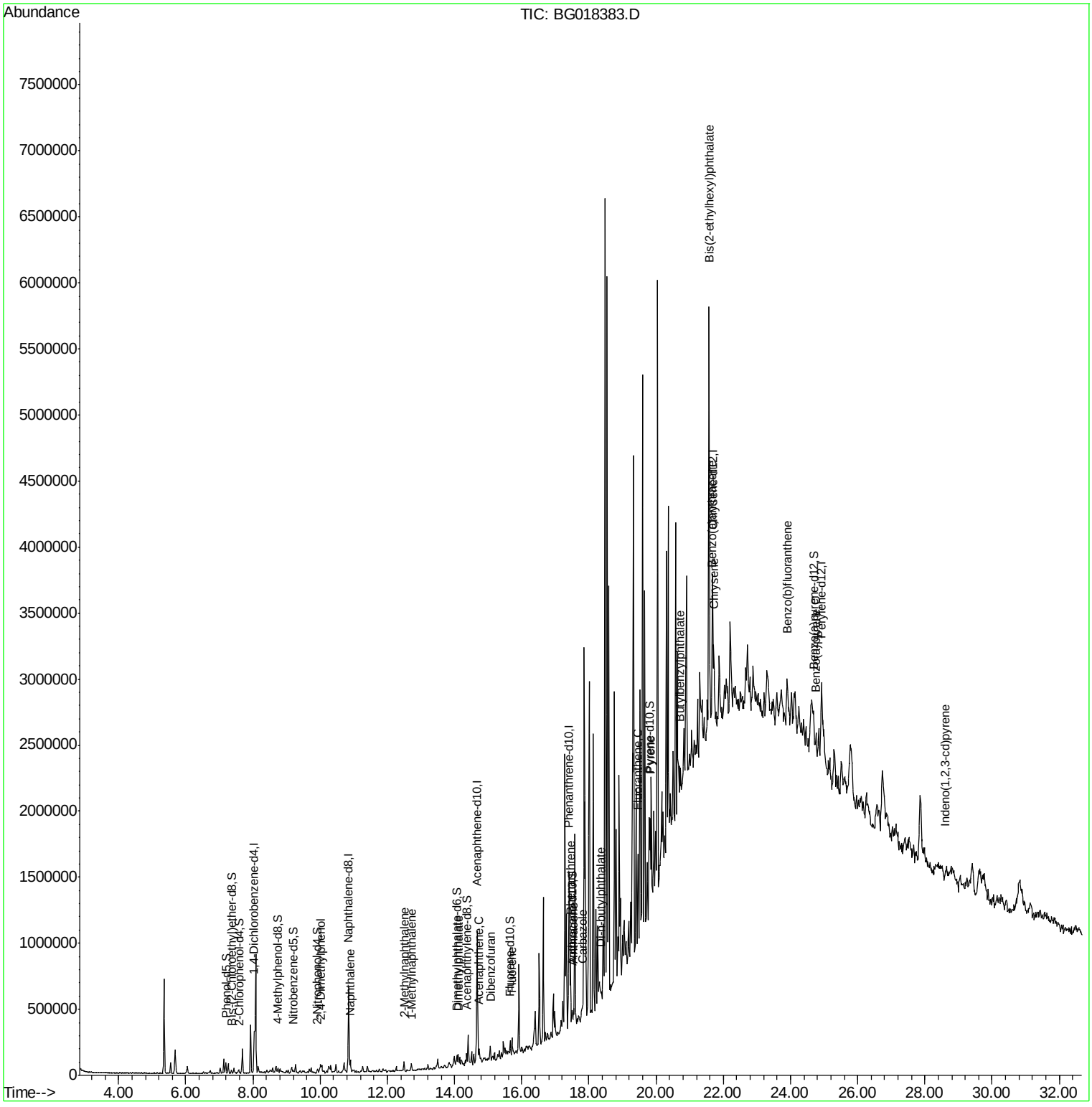
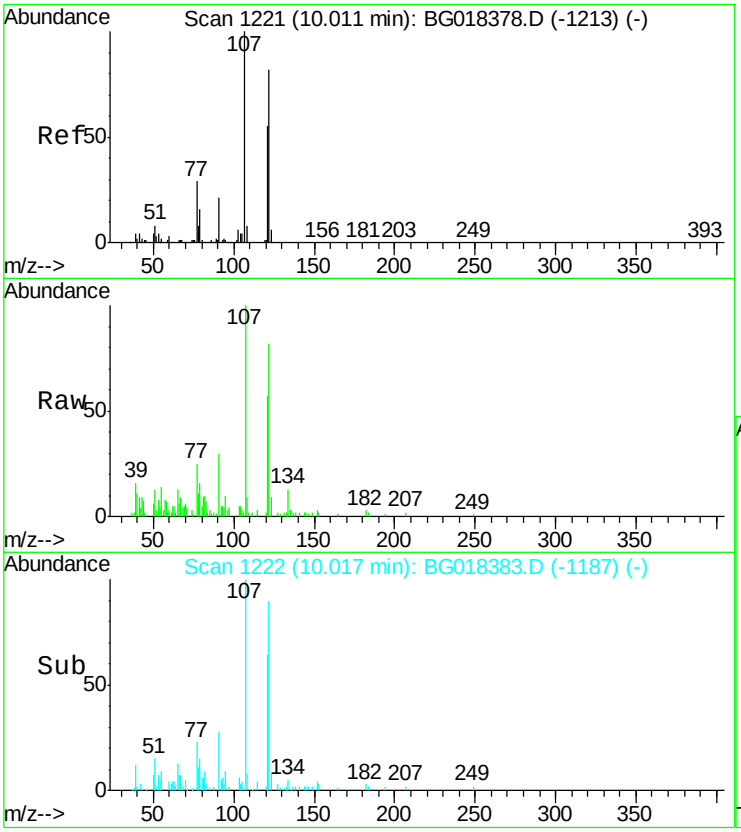
Quant Time: Aug 12 01:00:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration



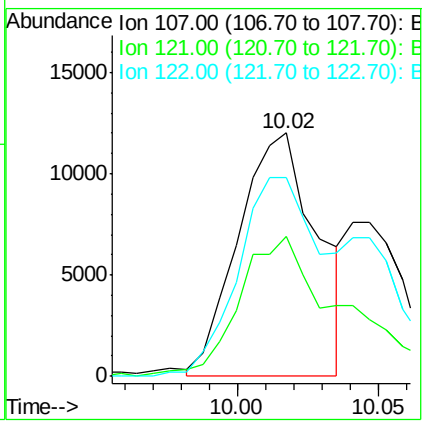


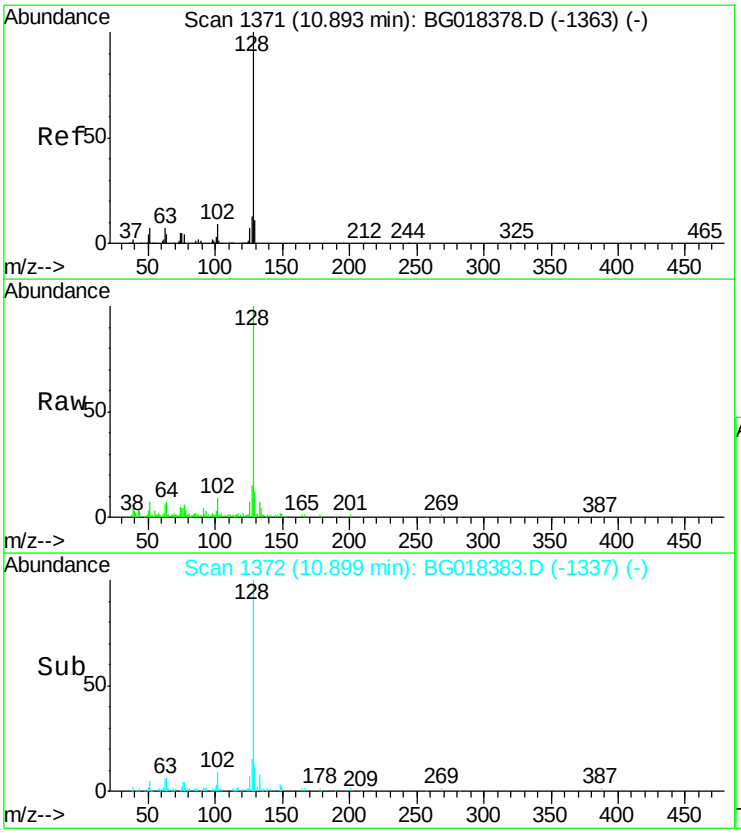
#24
2,4-Dimethylphenol
Concen: 2.17 ng/ul
RT: 10.02 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:107 Resp: 23270

Ion	Ratio	Lower	Upper
107	100		
121	57.4	41.3	61.9
122	81.9	71.9	107.9

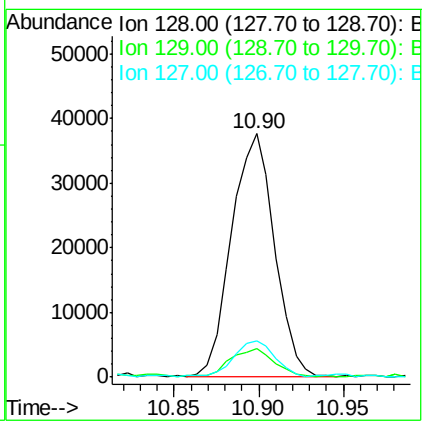


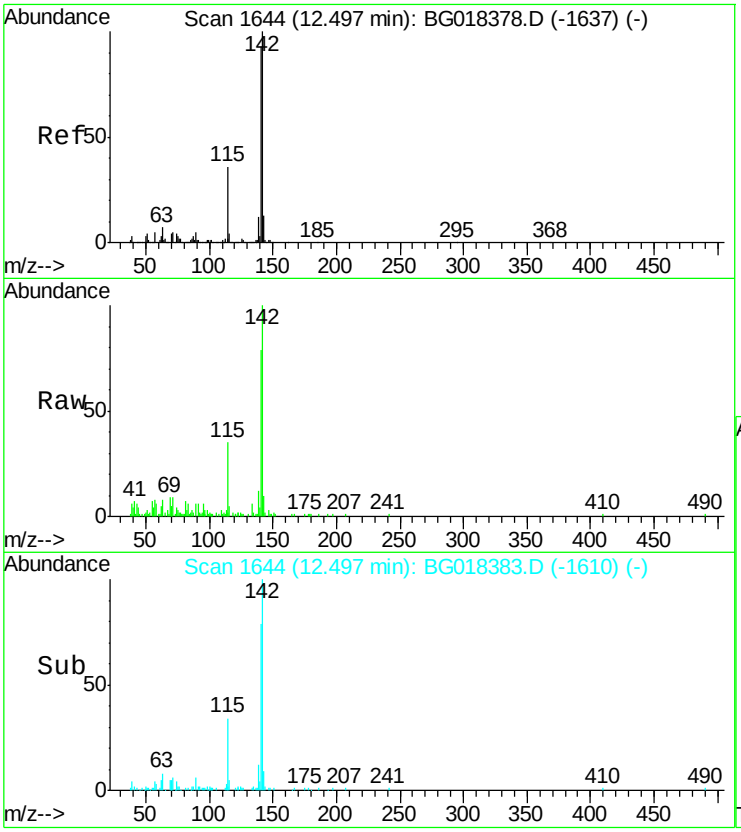


#28
Naphthalene
Concen: 2.32 ng/ul
RT: 10.90 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:128 Resp: 66575

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.8	10.5	15.7



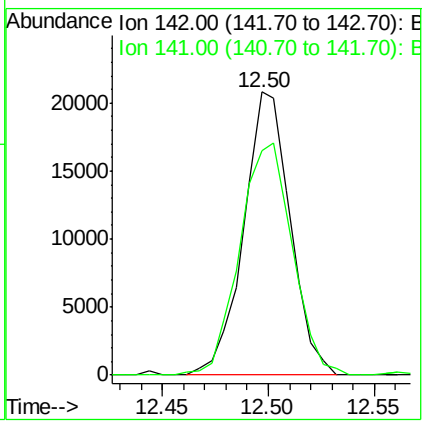


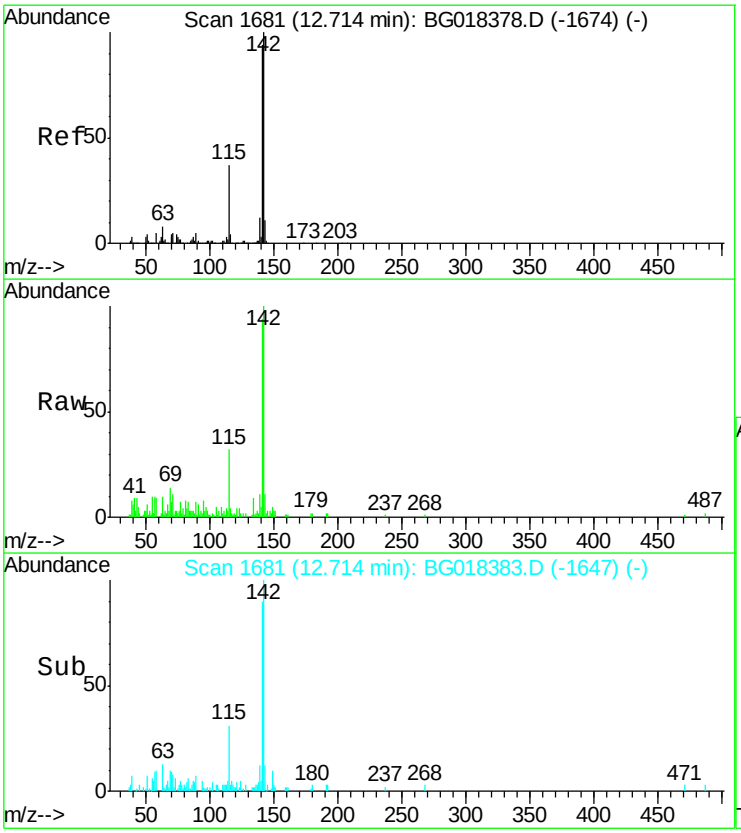
#34
2-Methylnaphthalene
Concen: 1.53 ng/ul
RT: 12.50 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:142 Resp: 31861

Ion	Ratio	Lower	Upper
142	100		
141	79.2	78.0	117.0

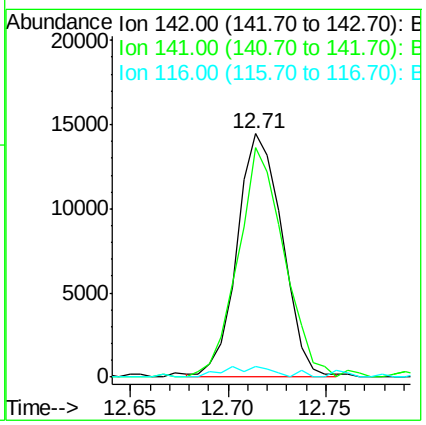


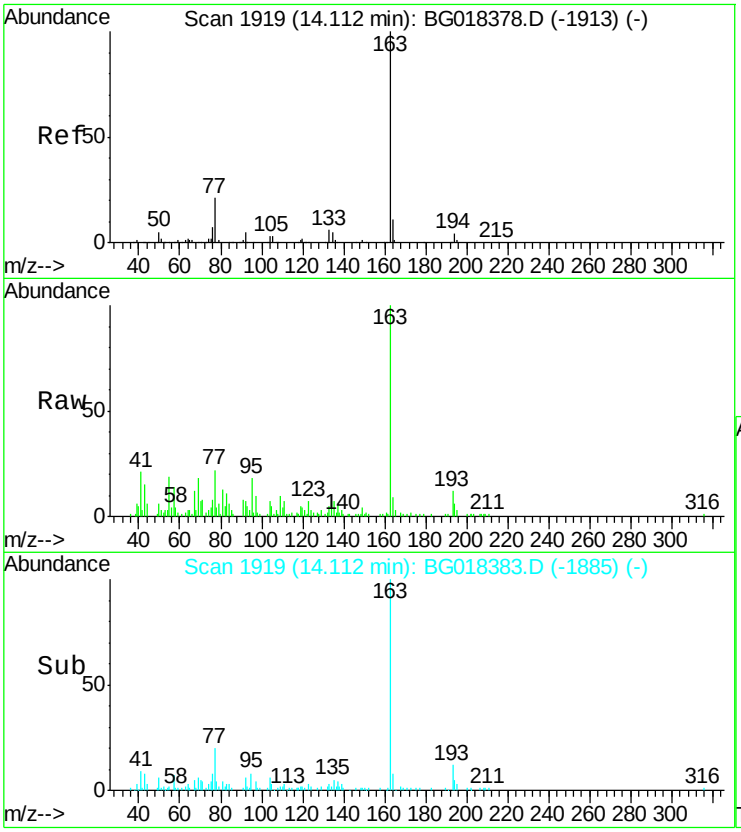


#35
1-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.71 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:142 Resp: 23145

Ion	Ratio	Lower	Upper
142	100		
141	94.2	77.1	115.7
116	4.2	3.5	5.3



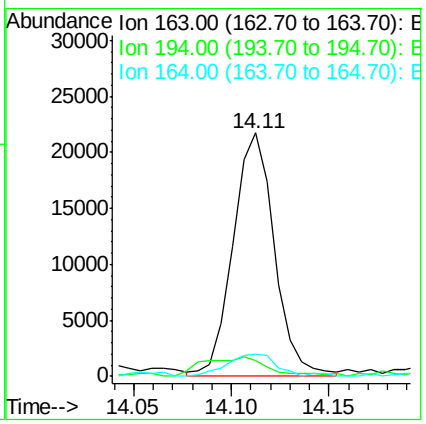


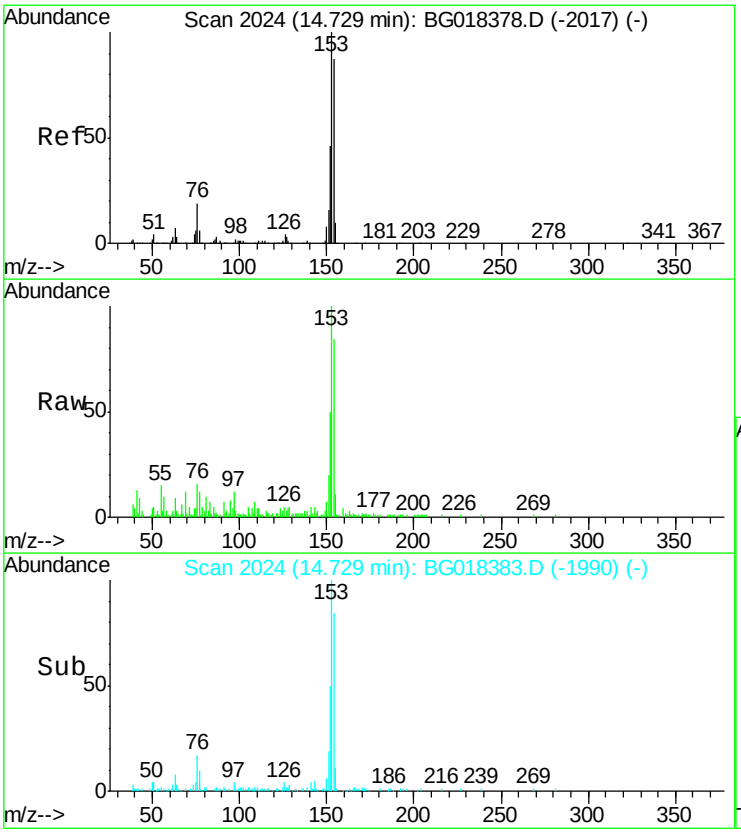
#45
Dimethylphthalate
Concen: 1.16 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:163 Resp: 31924

Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.9	4.3#
164	9.2	7.7	11.5

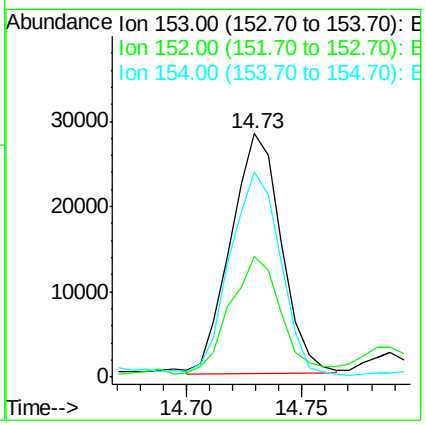


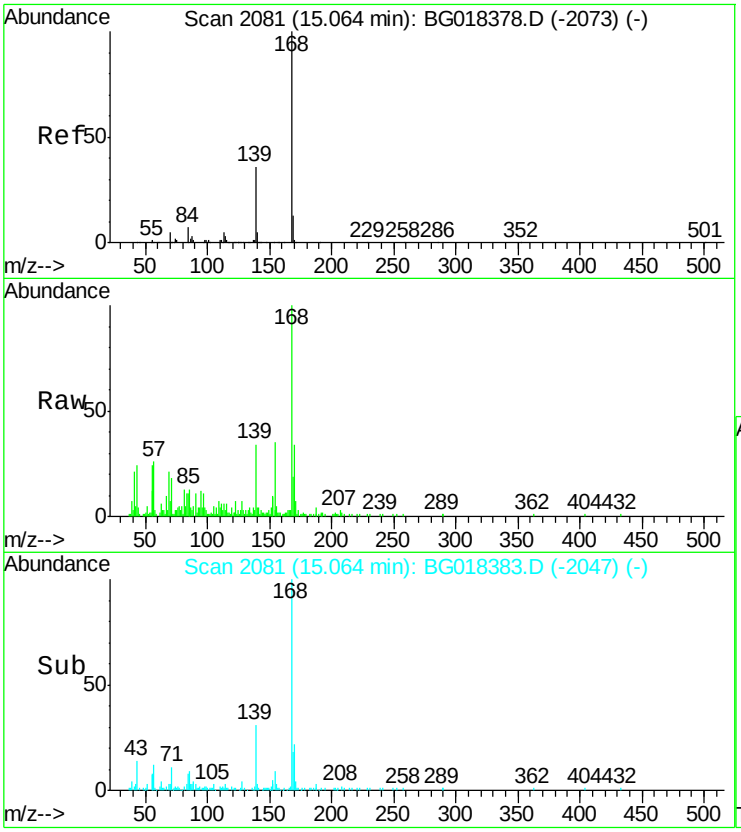


#50
Acenaphthene
Concen: 1.75 ng/ul
RT: 14.73 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:153 Resp: 43159

Ion	Ratio	Lower	Upper
153	100		
152	49.7	38.2	57.4
154	84.2	68.6	103.0



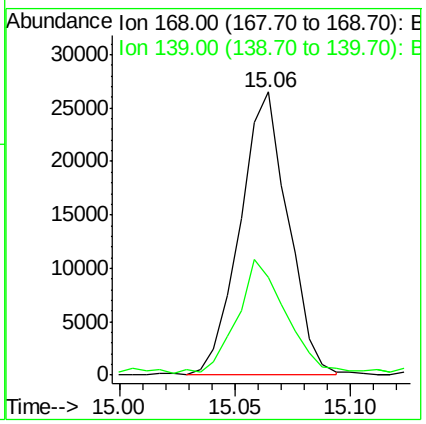


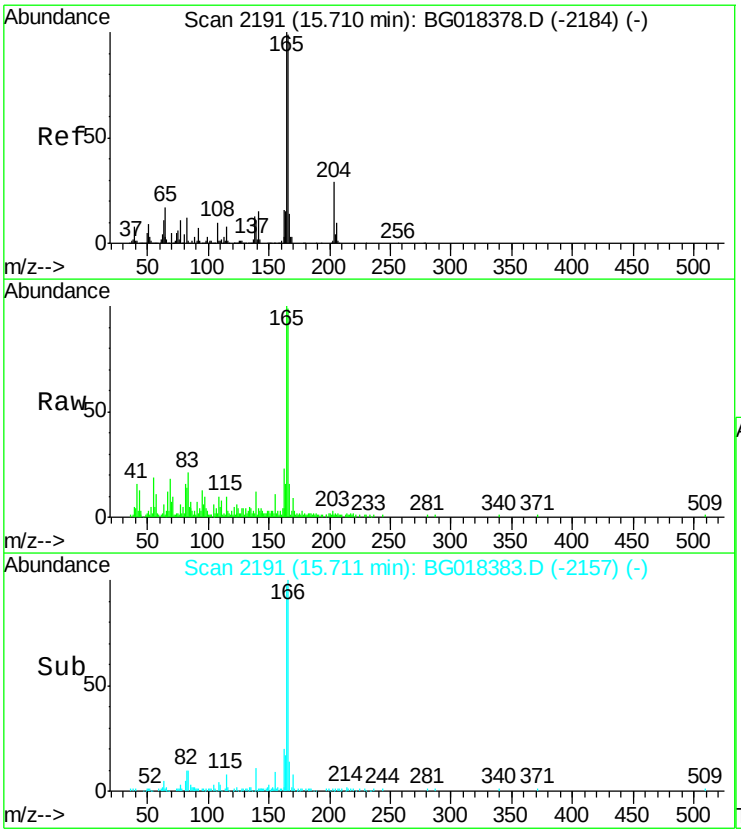
#54
Dibenzofuran
Concen: 1.20 ng/ul
RT: 15.06 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:168 Resp: 38511

Ion	Ratio	Lower	Upper
168	100		
139	34.5	29.7	44.5

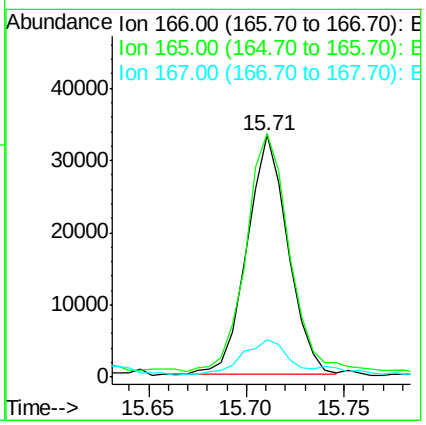


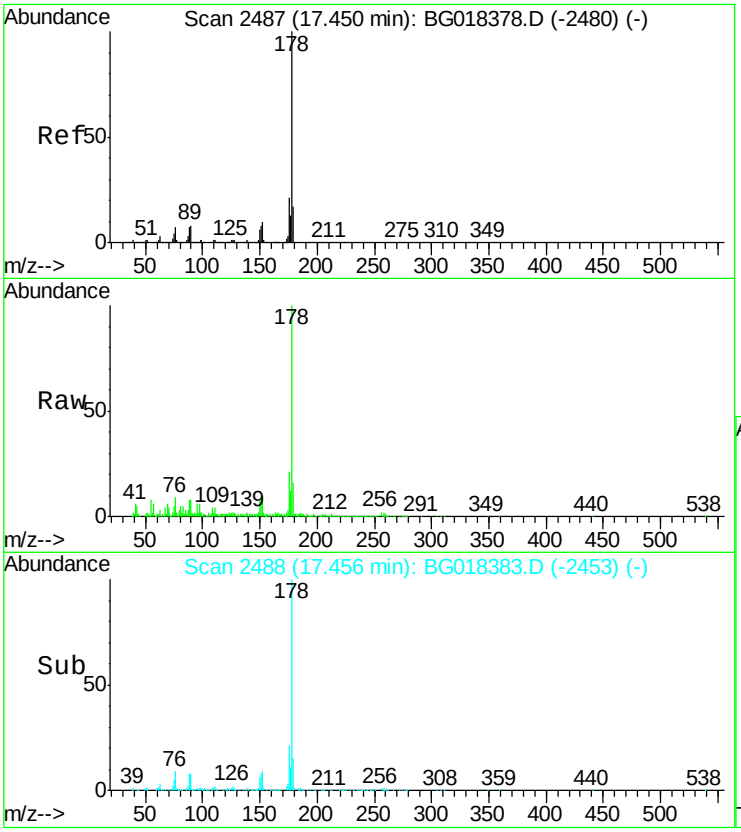


#59
Fluorene
Concen: 1.74 ng/ul
RT: 15.71 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:166 Resp: 48057

Ion	Ratio	Lower	Upper
166	100		
165	100.6	82.6	124.0
167	15.6	11.4	17.0



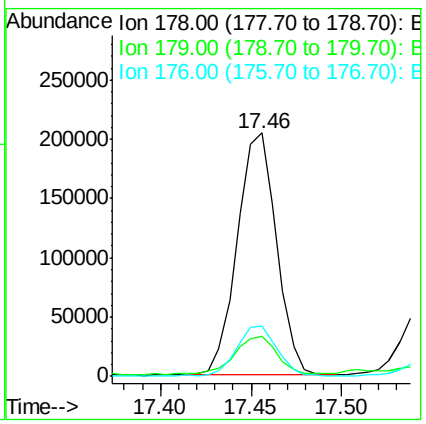


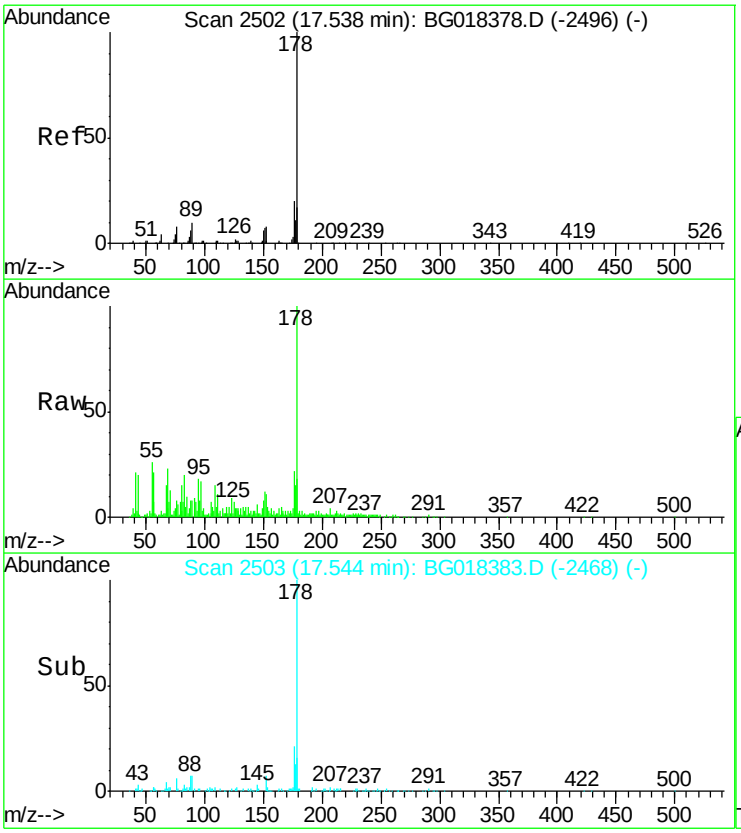
#70
Phenanthrene
Concen: 8.24 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:178 Resp: 307894

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.7	20.5
176	20.8	16.6	24.8

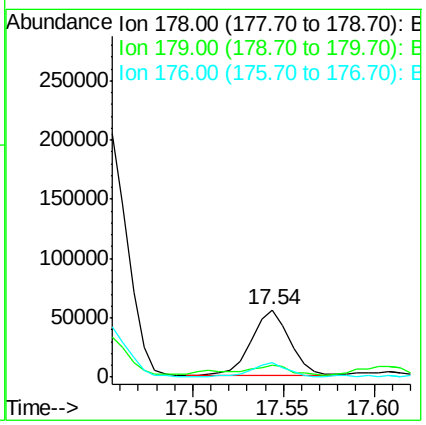


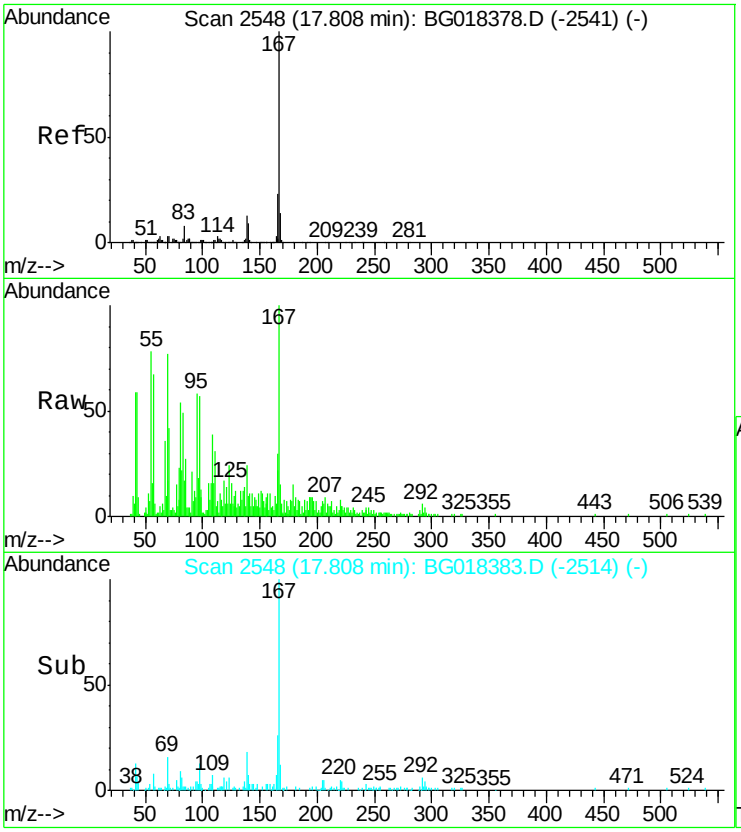


#72
Anthracene
Concen: 2.11 ng/ul
RT: 17.54 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:178 Resp: 80314

Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.0	19.4
176	22.1	16.0	24.0



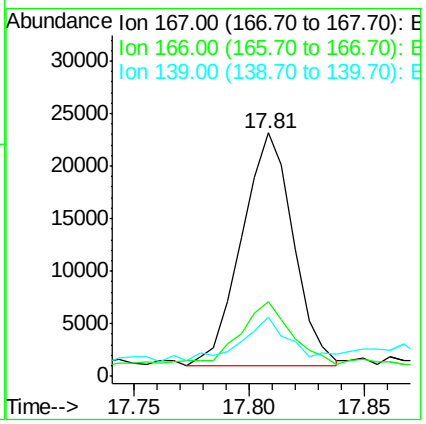


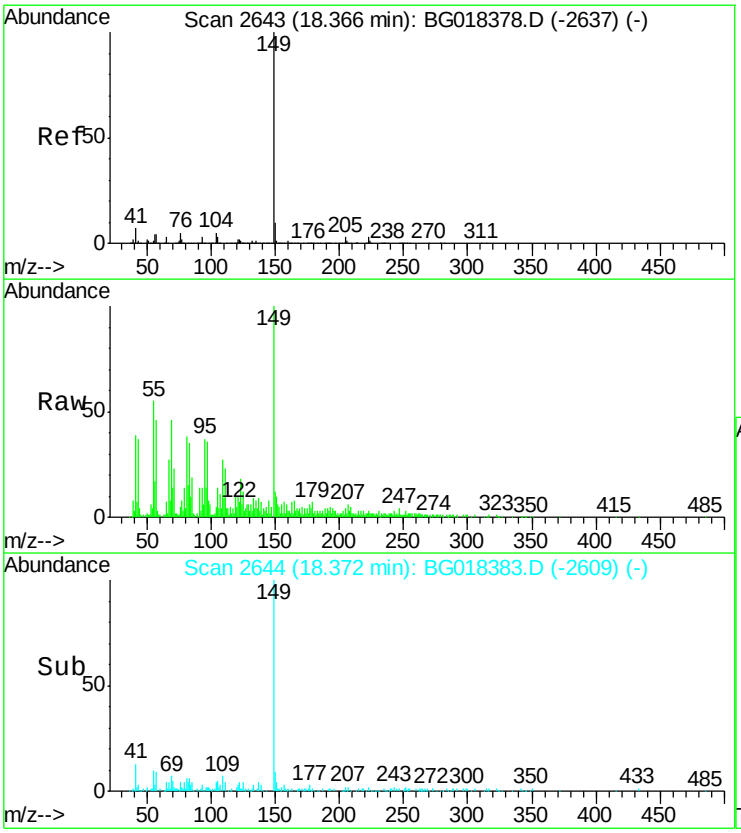
#75
Carbazole
Concen: 1.04 ng/ul
RT: 17.81 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:167 Resp: 34568

Ion	Ratio	Lower	Upper
167	100		
166	30.4	18.9	28.3#
139	24.4	10.1	15.1#

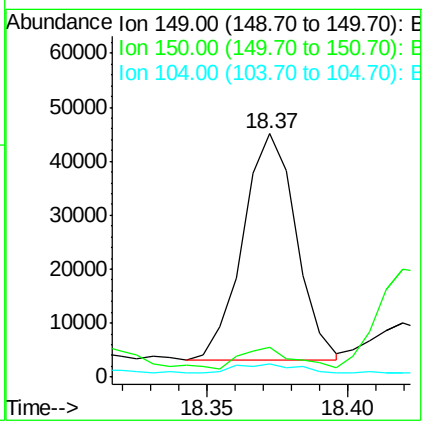


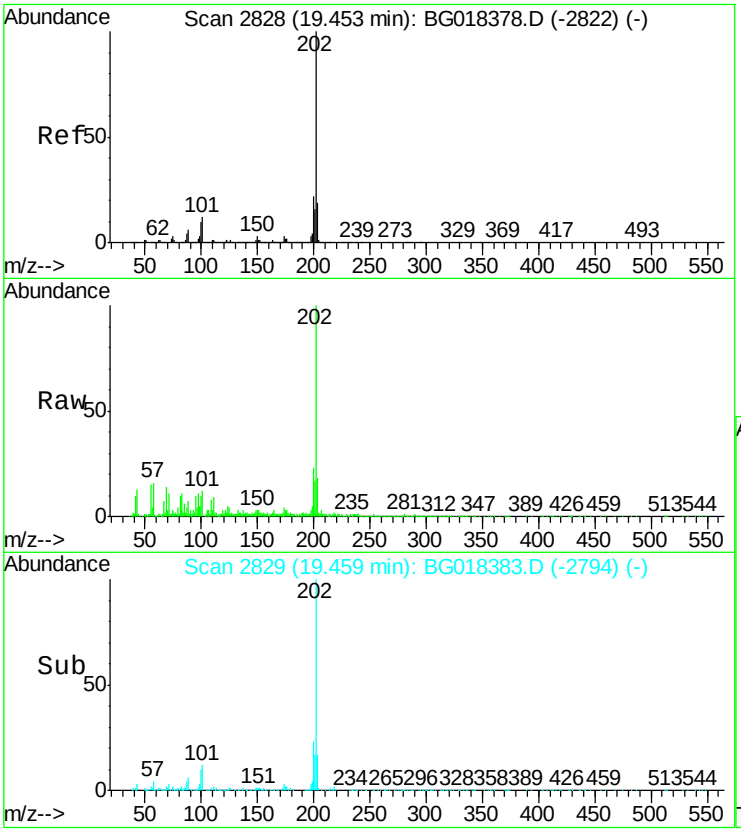


#76
Di-n-butylphthalate
Concen: 1.26 ng/ul
RT: 18.37 min Scan# 2644
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:149 Resp: 54866

Ion	Ratio	Lower	Upper
149	100		
150	12.3	7.5	11.3#
104	5.4	4.3	6.5



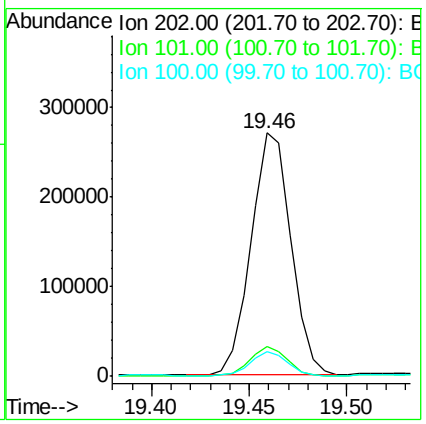


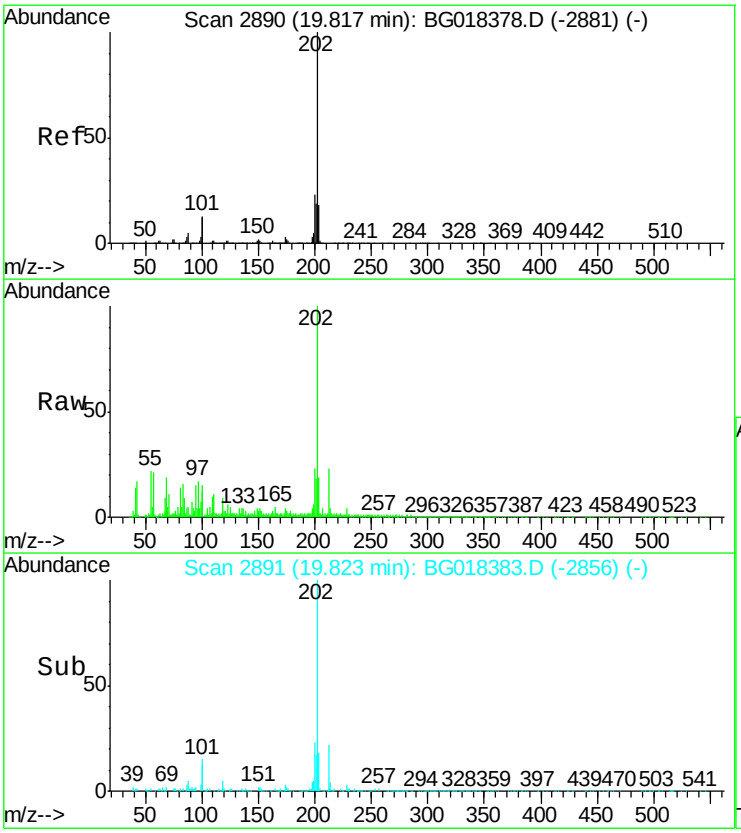
#77
Fluoranthene
Concen: 9.62 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:202 Resp: 383995

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	10.0	7.8	11.8

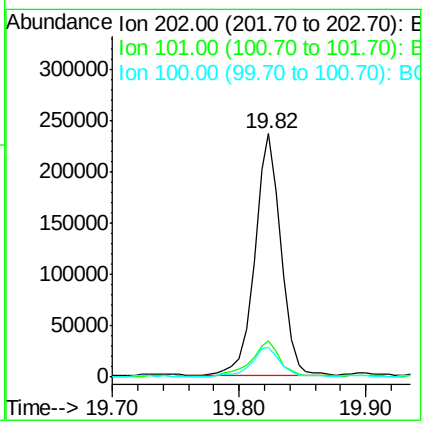


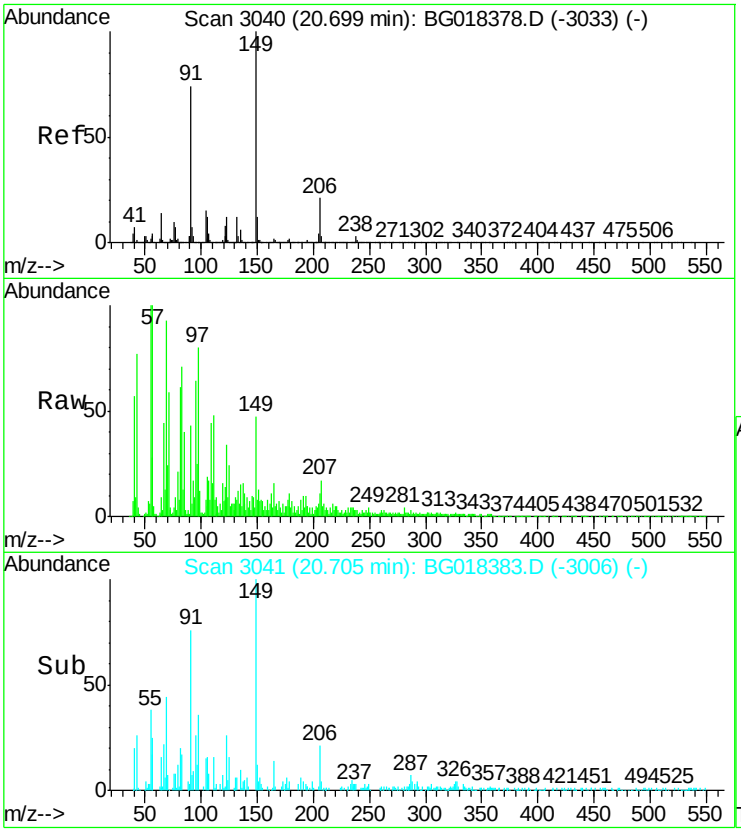


#80
Pyrene
Concen: 8.76 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:202 Resp: 339754

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.0	16.4
100	12.2	9.8	14.6



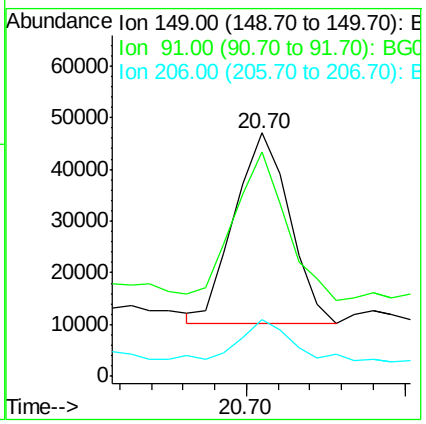


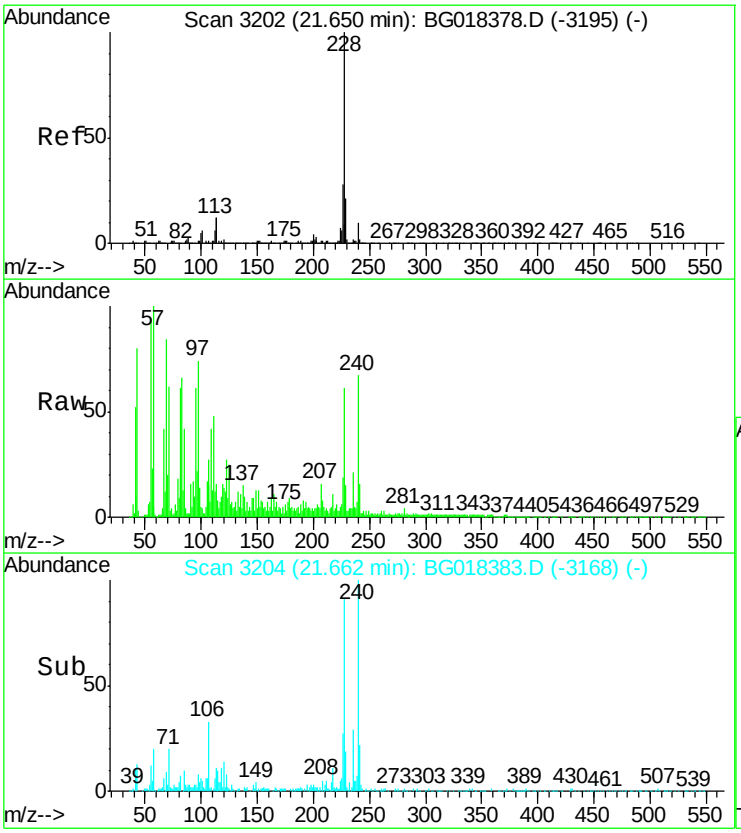
#81
Butylbenzylphthalate
Concen: 2.69 ng/ul
RT: 20.70 min Scan# 3041
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:149 Resp: 44085

Ion	Ratio	Lower	Upper
149	100		
91	92.4	57.9	86.9#
206	23.3	17.9	26.9

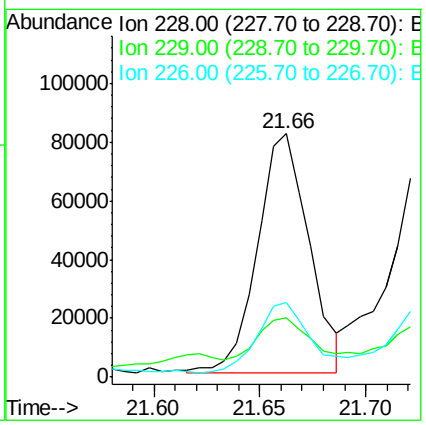


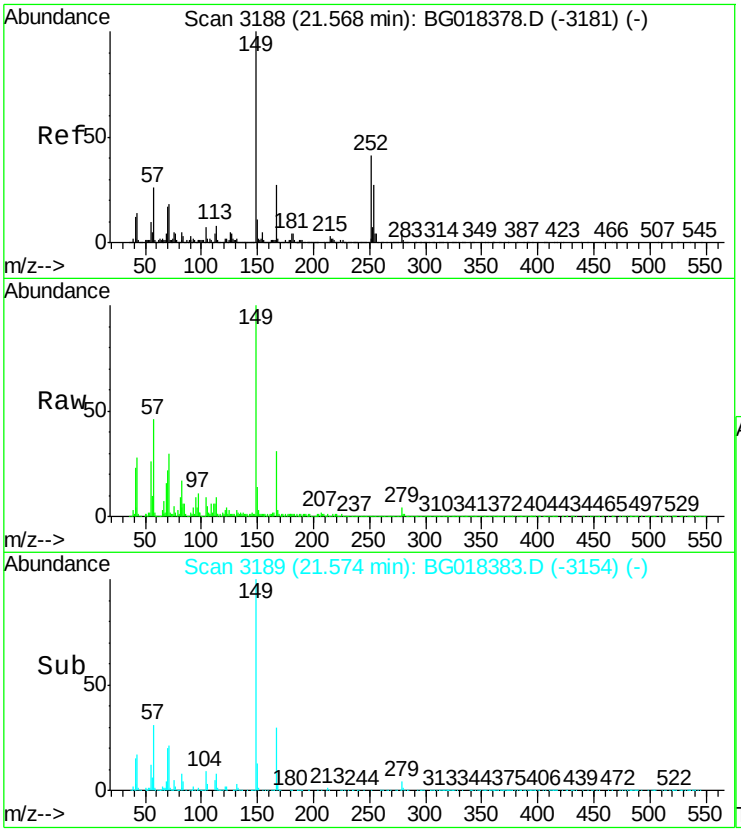


#83
Benzo(a)anthracene
Concen: 3.88 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:228 Resp: 137966

Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.5	23.3#
226	30.8	22.1	33.1



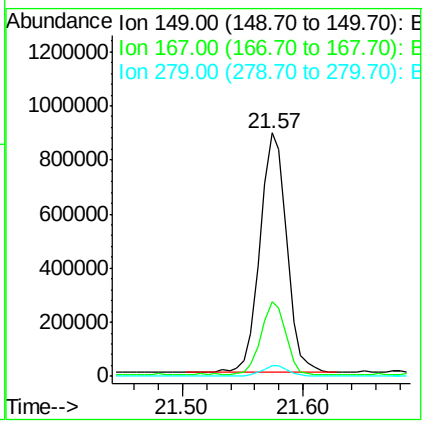


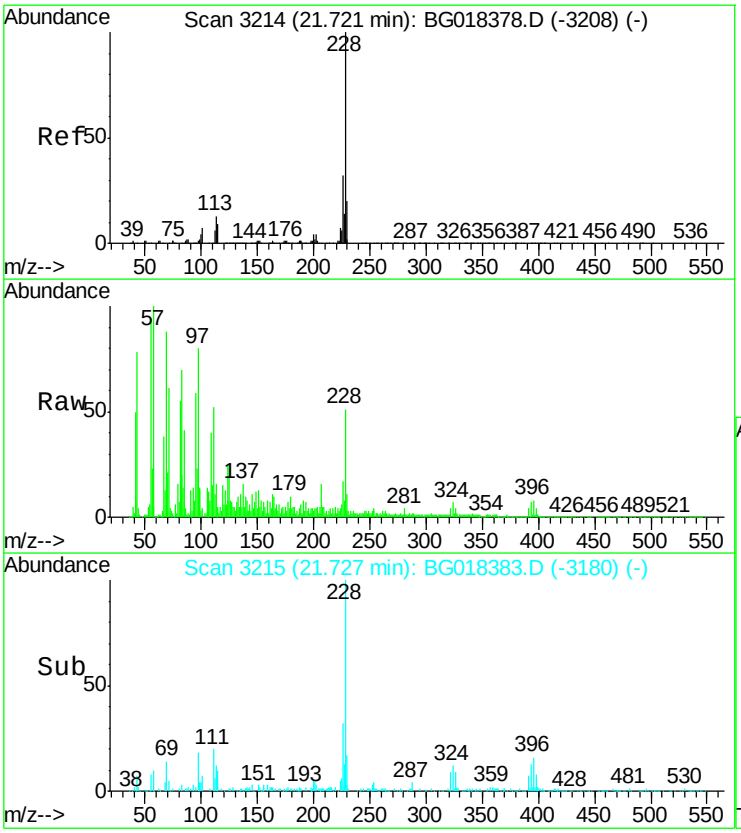
#84
Bis(2-ethylhexyl)phthalate
Concen: 58.78 ng/ul
RT: 21.57 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:149 Resp: 1362631

Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.2	33.2
279	4.2	2.8	4.2

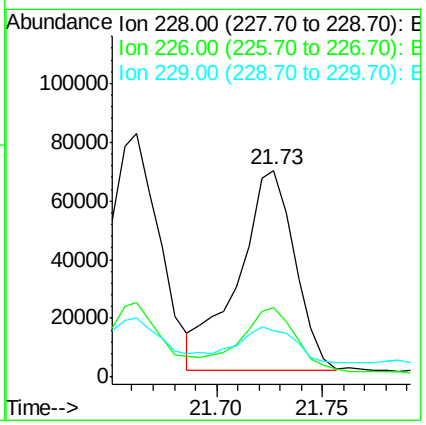


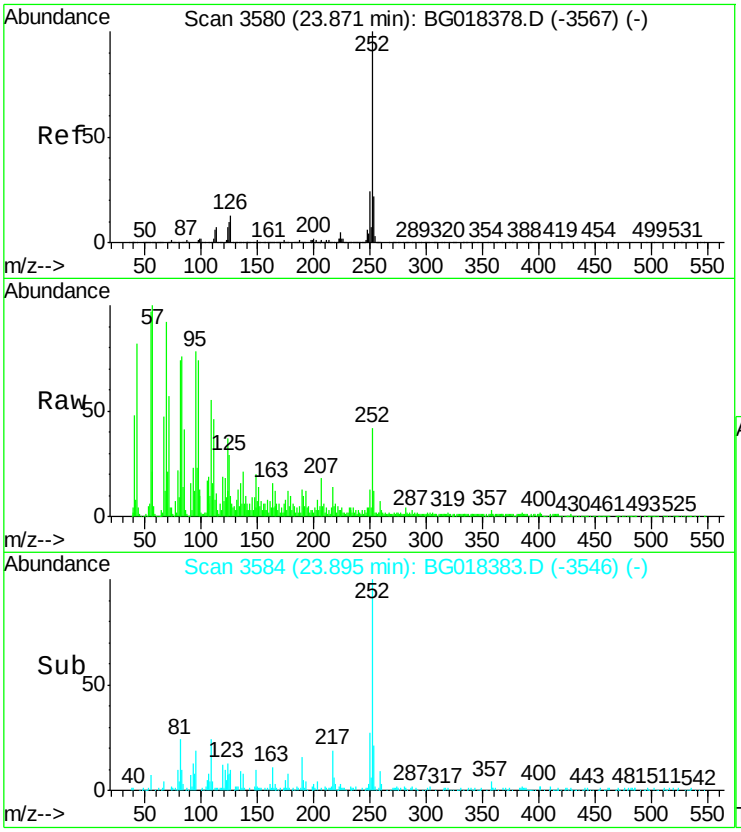


#85
Chrysene
Concen: 3.83 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:228 Resp: 127217

Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.5	39.7
229	22.4	16.9	25.3



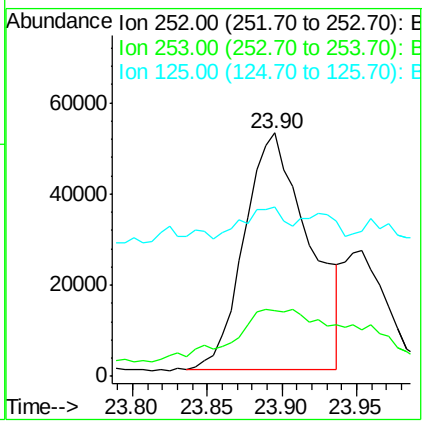


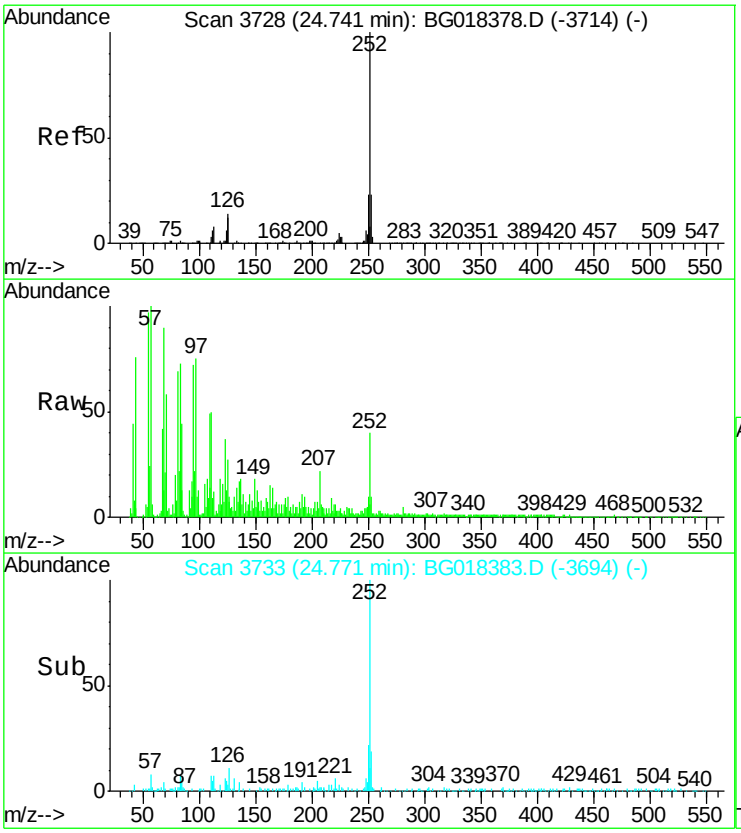
#88
Benzo(b)fluoranthene
Concen: 4.29 ng/ul
RT: 23.90 min Scan# 3584
Delta R.T. 0.02 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:252 Resp: 156255

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	69.5	8.3	12.5#

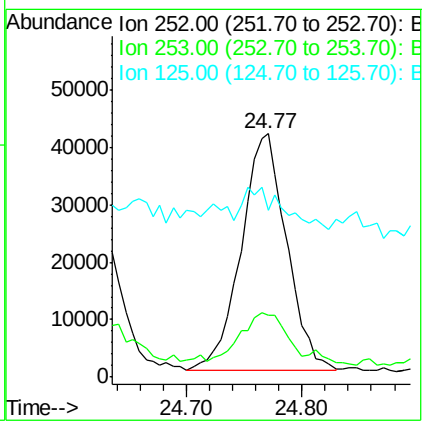


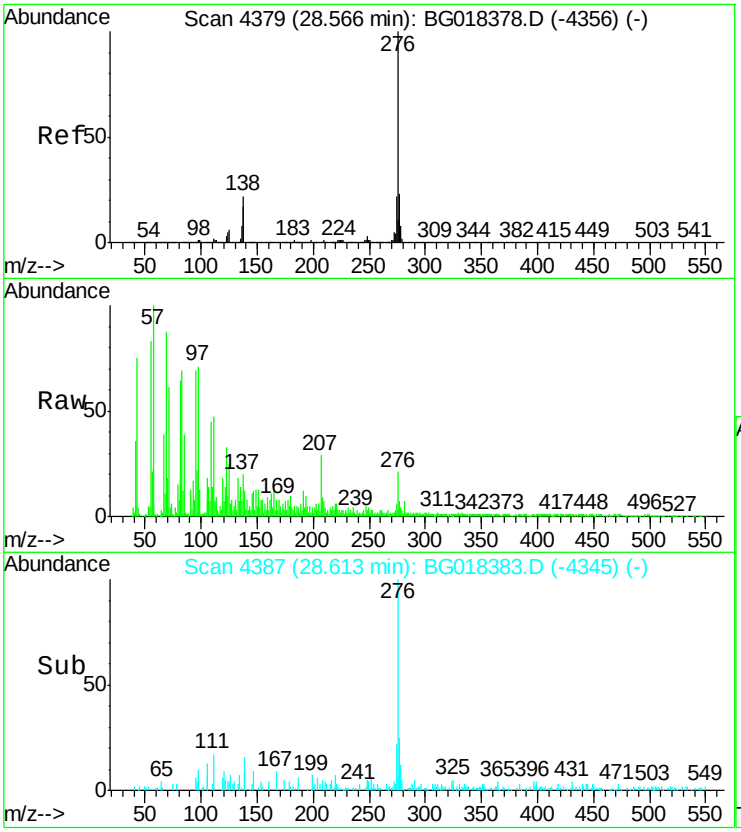


#91
Benzo(a)pyrene
Concen: 3.25 ng/ul
RT: 24.77 min Scan# 3733
Delta R.T. 0.03 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Tgt Ion:252 Resp: 112496

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.7	26.5
125	68.4	10.2	15.2#





#92
Indeno(1,2,3-cd)pyrene
Concen: 1.53 ng/ul
RT: 28.61 min Scan# 4387
Delta R.T. 0.05 min
Lab File: BG018383.D
Acq: 11 Aug 2015 16:08

Instrument :
BNA_G
ClientSampleId :
C01P8DL

Tgt Ion:276 Resp: 61194

Ion	Ratio	Lower	Upper
276	100		
138	45.1	15.8	23.6#
277	34.7	18.9	28.3#