Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018387.D
Acq On : 11 Aug 2015 18:42
Operator : UM/MA
Sample : G3136-22RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J6

Quant Time: Aug 12 01:01:58 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	80439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	353580	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	215715	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	438229	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	405165	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	408343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5129	2.82	ng/uL	0.00
5) Phenol-d5	7.20	99	116447	15.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	71391	15.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	92822	16.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	90337	14.73	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	46245	16.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	48310	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	97607	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	84976	12.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	285609	15.74	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	368630	16.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	30080	9.21	ng/ul	0.00
58) Fluorene-d10	15.66	176	250018	15.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	7833	3.63	ng/ul	0.00
71) Anthracene-d10	17.51	188	344428	16.43	ng/ul	0.00
79) Pyrene-d10	19.79	212	331136	15.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	332542	15.34	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.89	128	38350	2.05	ng/ul#	95
45) Dimethylphthalate	14.11	163	152801	8.54	ng/ul#	98
70) Phenanthrene	17.45	178	248263	10.44	ng/ul	99
72) Anthracene	17.54	178	47667	1.97	ng/ul	96
75) Carbazole	17.81	167	25630	1.21	ng/ul#	92
77) Fluoranthene	19.46	202	574892	22.64	ng/ul	100
80) Pyrene	19.82	202	555369	20.27	ng/ul	99
83) Benzo(a)anthracene	21.66	228	303104	12.07	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	43093	2.63	ng/ul#	95
85) Chrysene	21.72	228	291681	12.42	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	436734	17.02	ng/ul#	92
89) Benzo(k)fluoranthene	23.88	252	436734	17.68	ng/ul#	92
91) Benzo(a)pyrene	24.75	252	303502	12.44	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.58	276	207936	7.37	ng/ul	98
93) Dibenzo(a,h)anthracene	28.63	278	48337	2.06	ng/ul#	69
94) Benzo(g,h,i)perylene	29.72	276	102880	4.34	ng/ul#	91

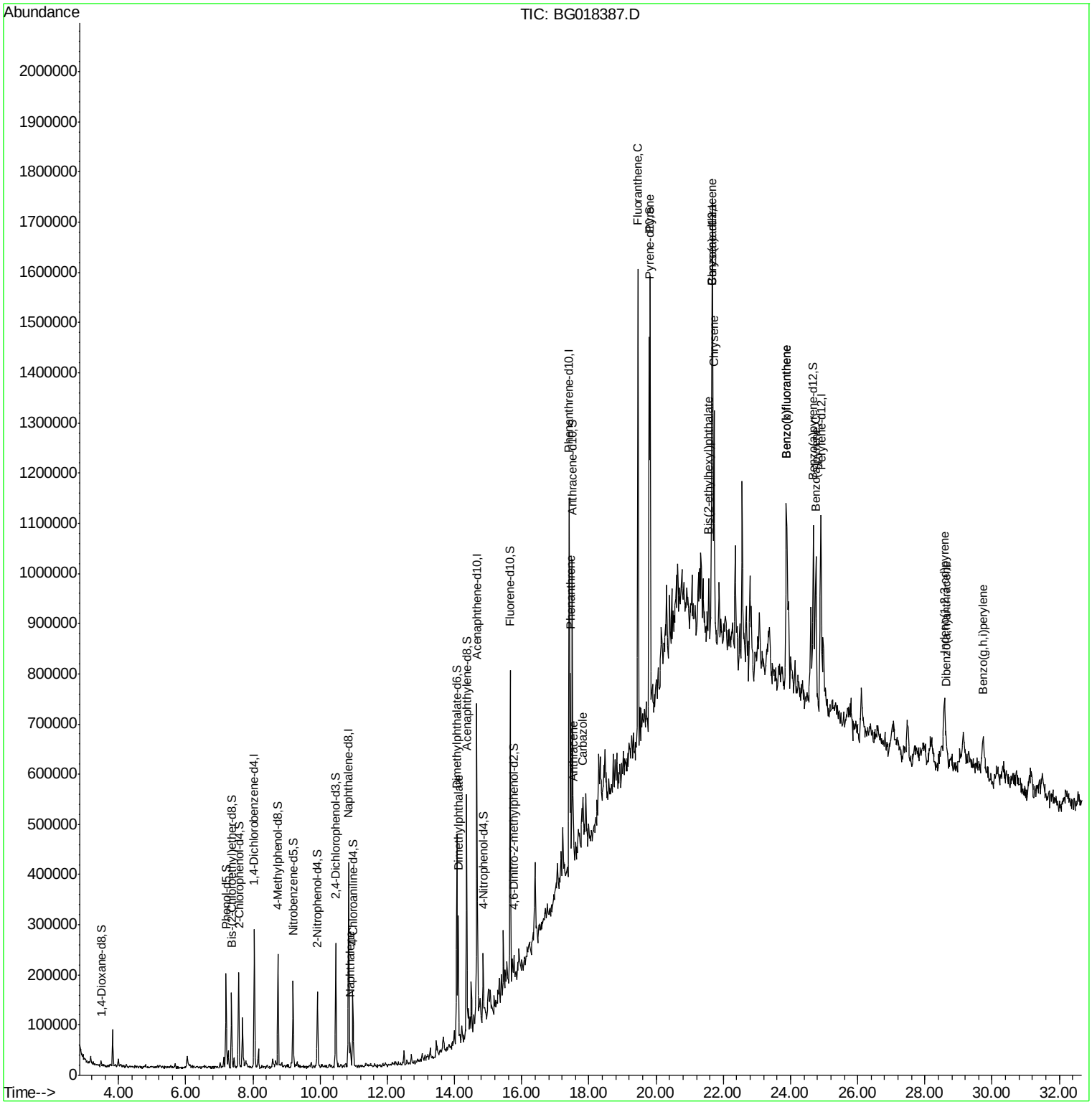
(#) = qualifier out of range (m) = manual integration (+) = signals summed

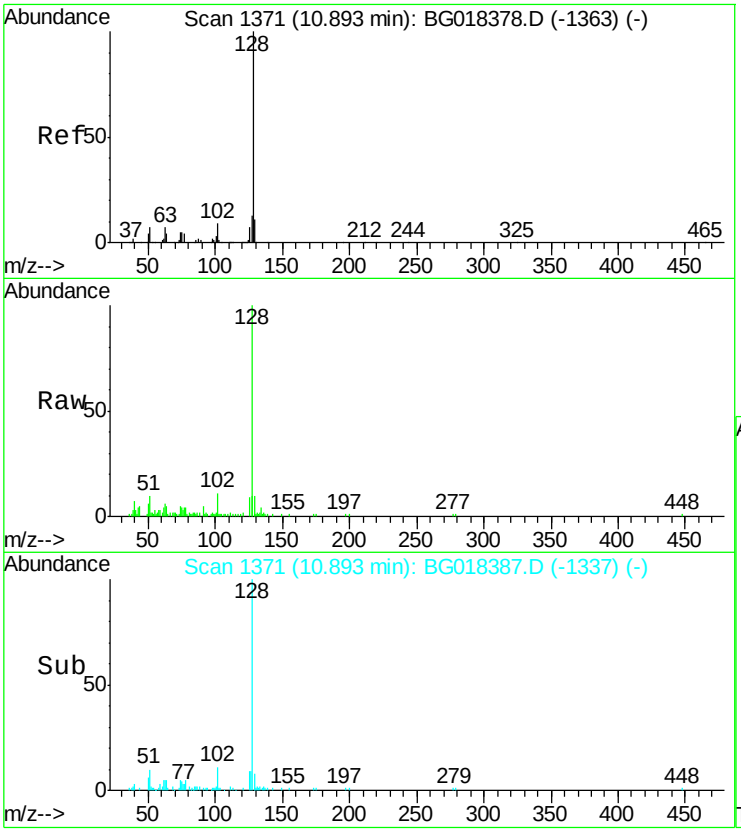
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018387.D
Acq On : 11 Aug 2015 18:42
Operator : UM/MA
Sample : G3136-22RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J6

Quant Time: Aug 12 01:01:58 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



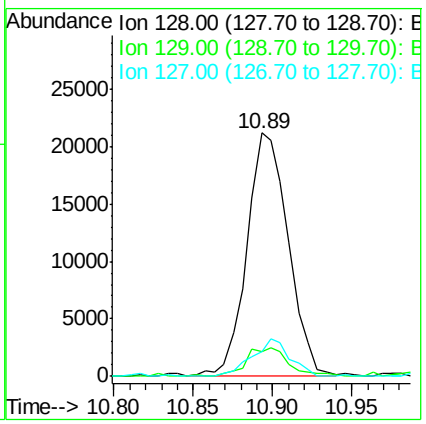


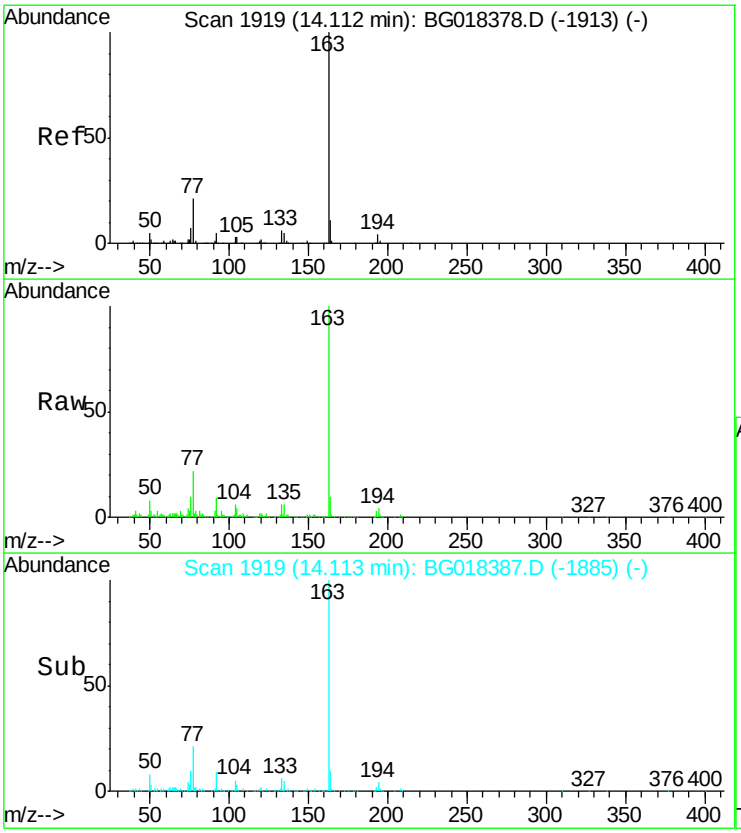
#28
Naphthalene
Concen: 2.05 ng/ul
RT: 10.89 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:128 Resp: 38350

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	10.3	10.5	15.7#

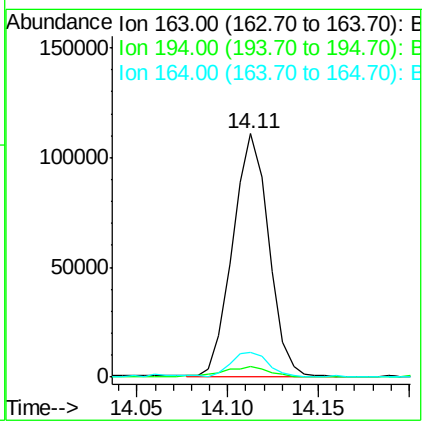


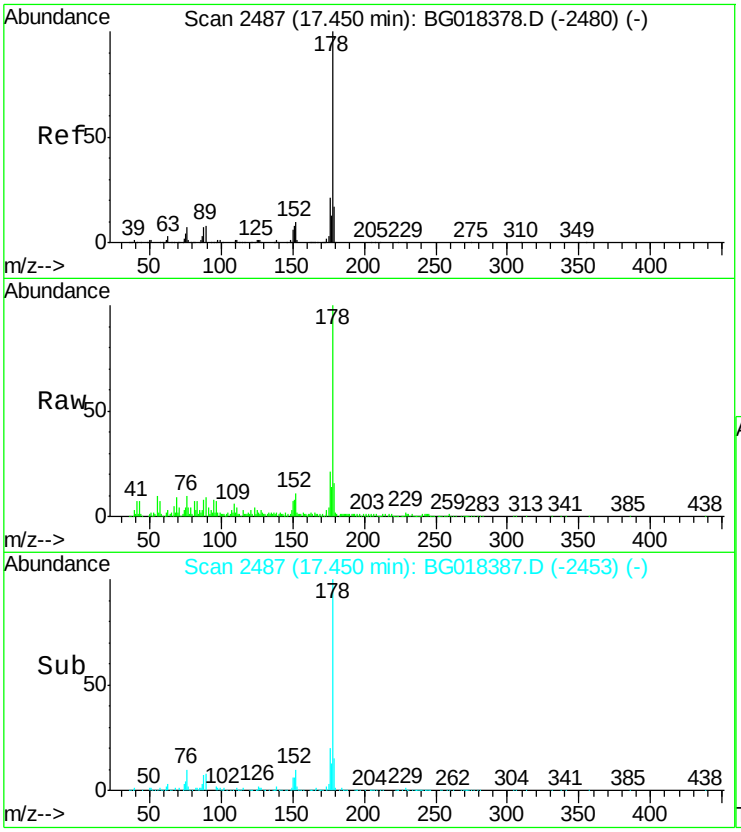


#45
Dimethylphthalate
Concen: 8.54 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:163 Resp: 152801

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3#
164	10.3	7.7	11.5



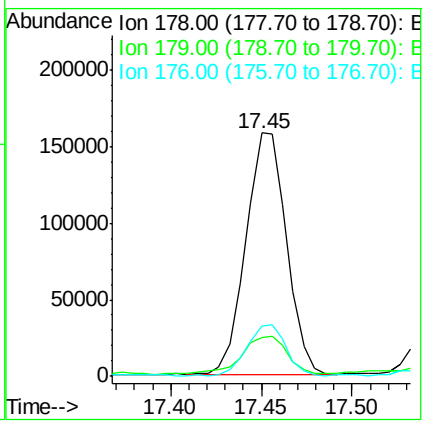


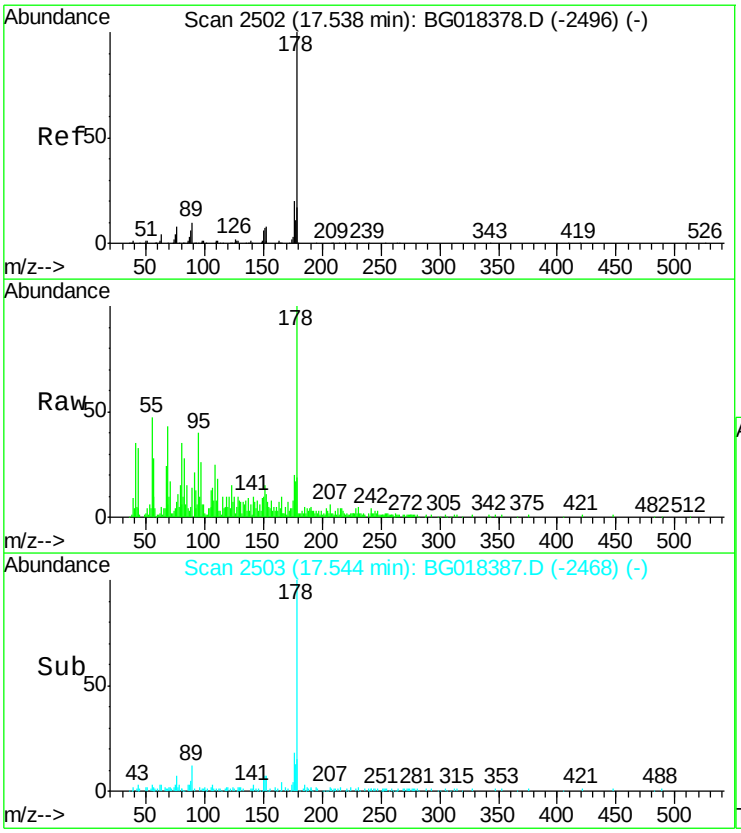
#70
Phenanthrene
Concen: 10.44 ng/ul
RT: 17.45 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:178 Resp: 248263

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.7	20.5
176	20.6	16.6	24.8

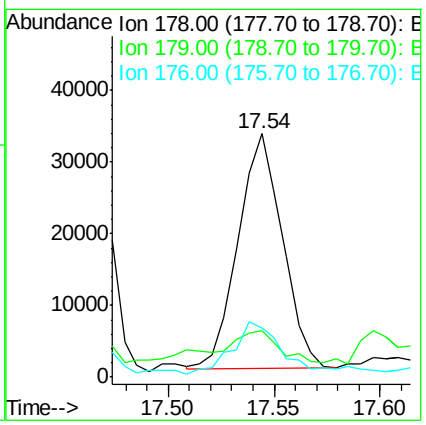


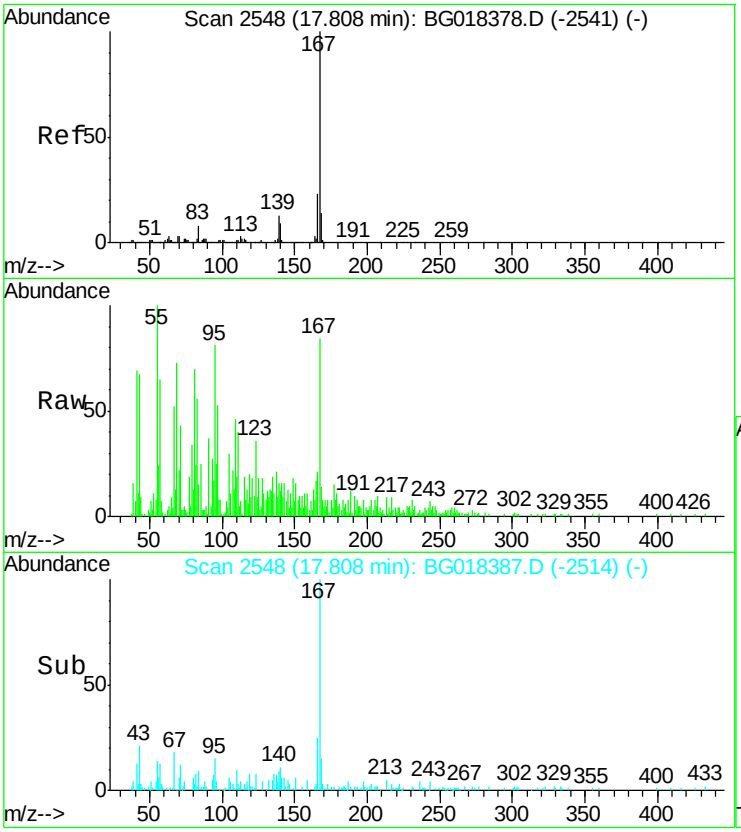


#72
Anthracene
Concen: 1.97 ng/ul
RT: 17.54 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:178 Resp: 47667

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.0	19.4
176	20.4	16.0	24.0



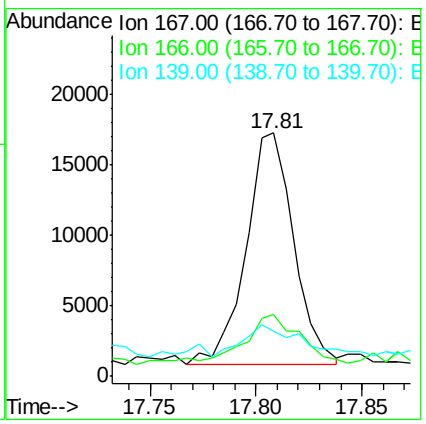


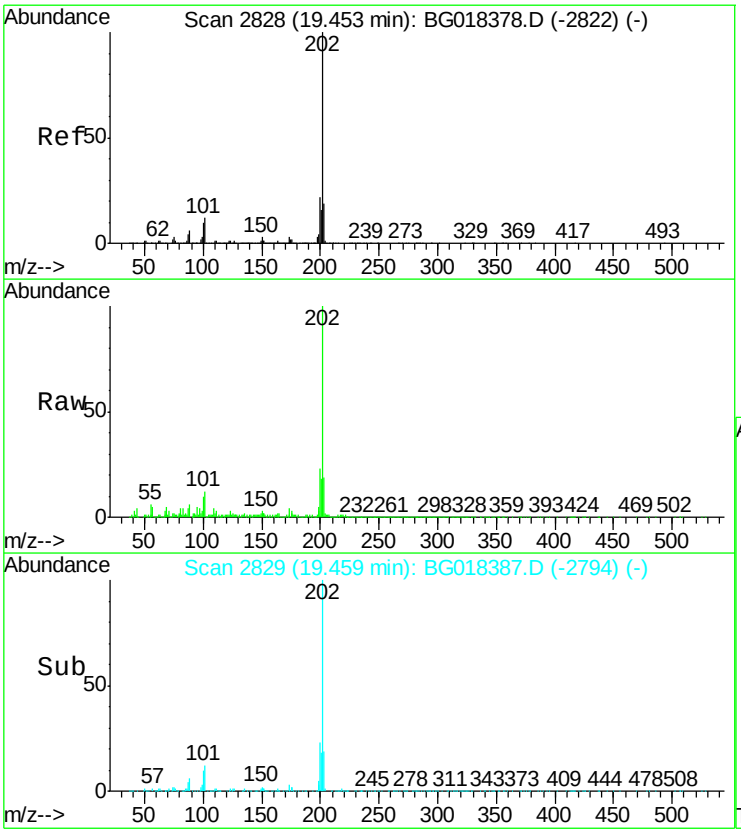
#75
Carbazole
Concen: 1.21 ng/ul
RT: 17.81 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:167 Resp: 25630

Ion	Ratio	Lower	Upper
167	100		
166	25.5	18.9	28.3
139	18.6	10.1	15.1#

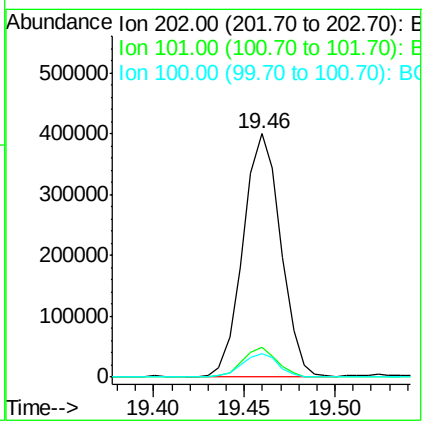


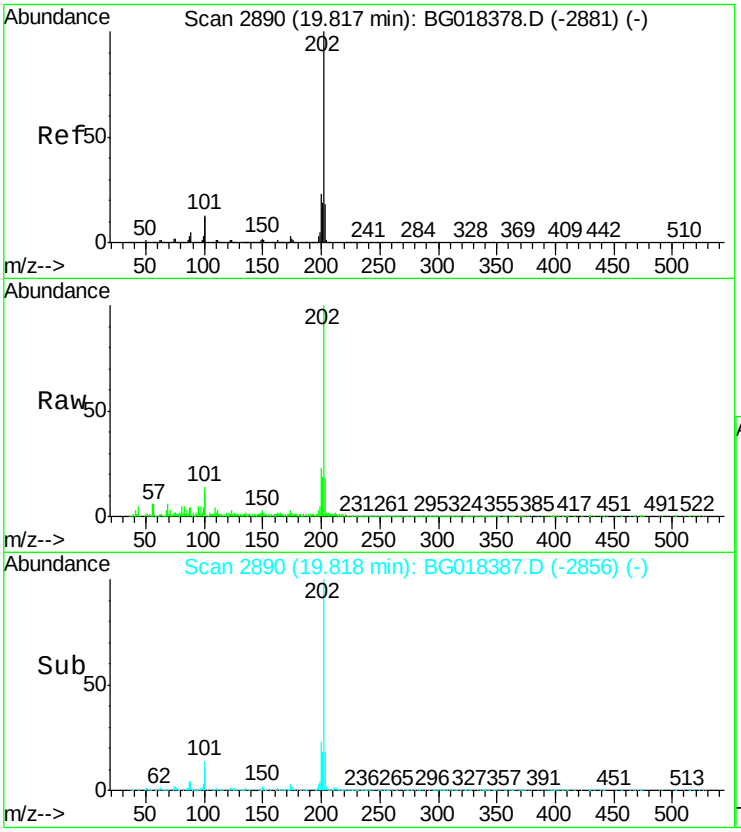


#77
Fluoranthene
Concen: 22.64 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:202 Resp: 574892

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.8	7.8	11.8



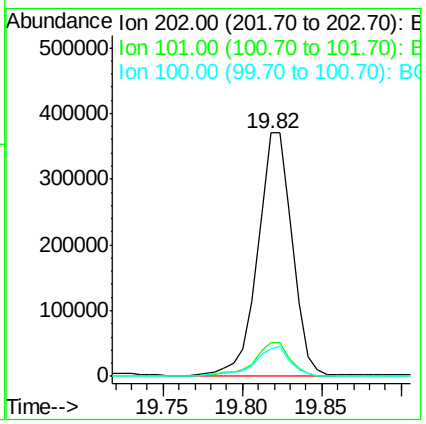


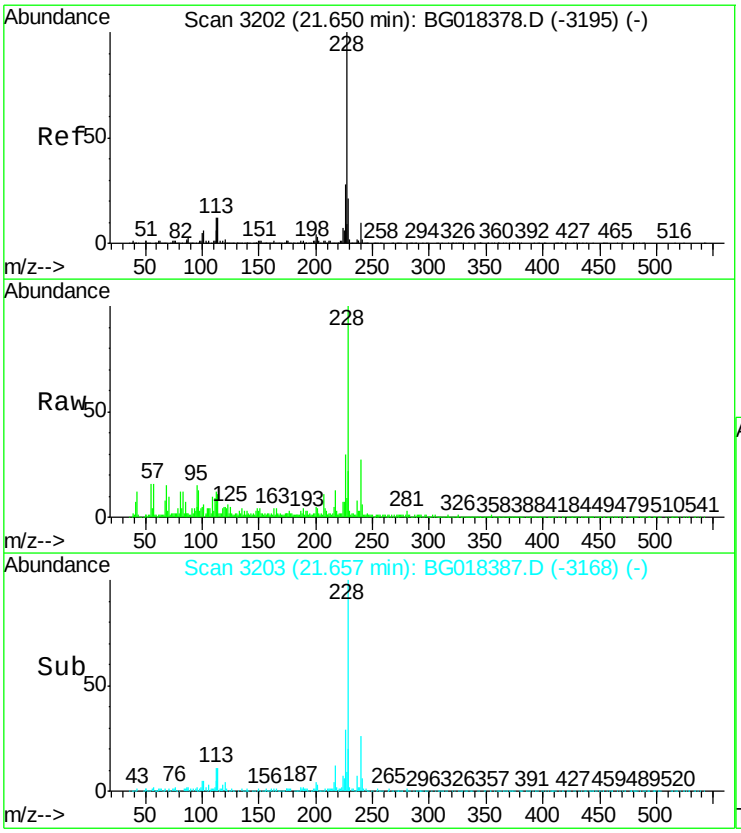
#80
Pyrene
Concen: 20.27 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:202 Resp: 555369

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.4
100	11.4	9.8	14.6

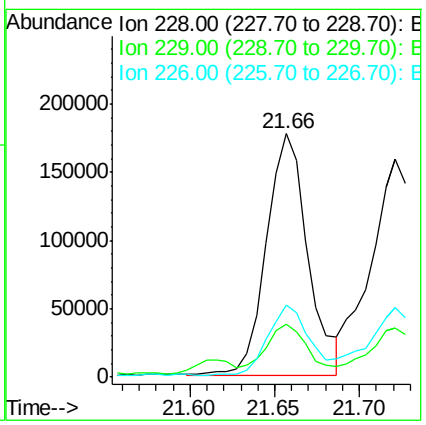


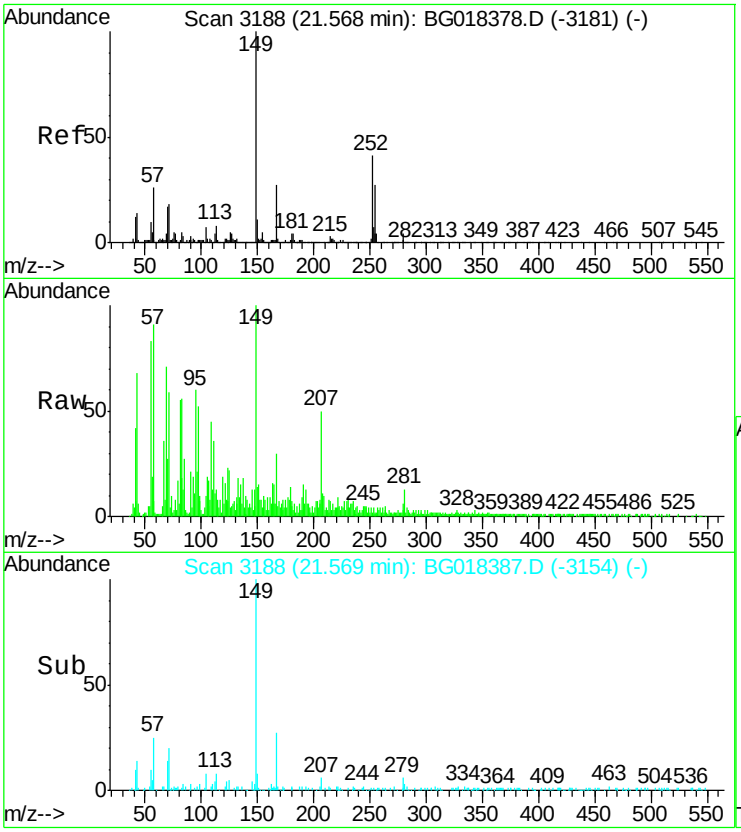


#83
Benzo(a)anthracene
Concen: 12.07 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. 0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:228 Resp: 303104

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.5	23.3
226	29.7	22.1	33.1



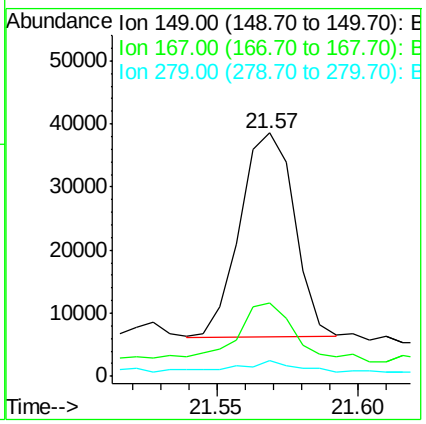


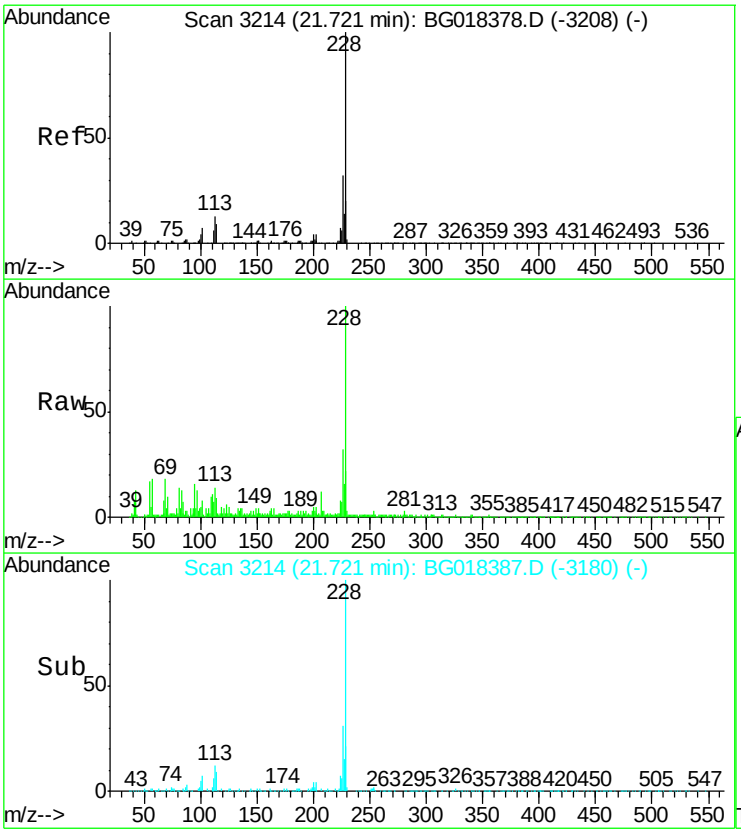
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.63 ng/ul
RT: 21.57 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:149 Resp: 43093

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.2	33.2
279	6.4	2.8	4.2#

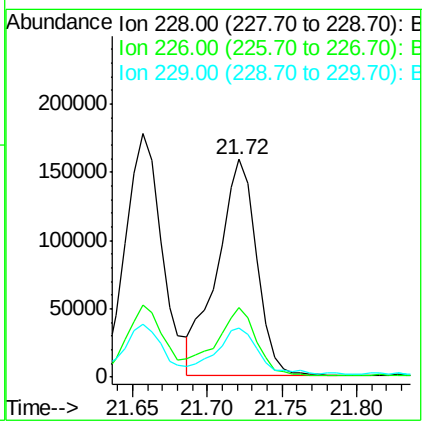


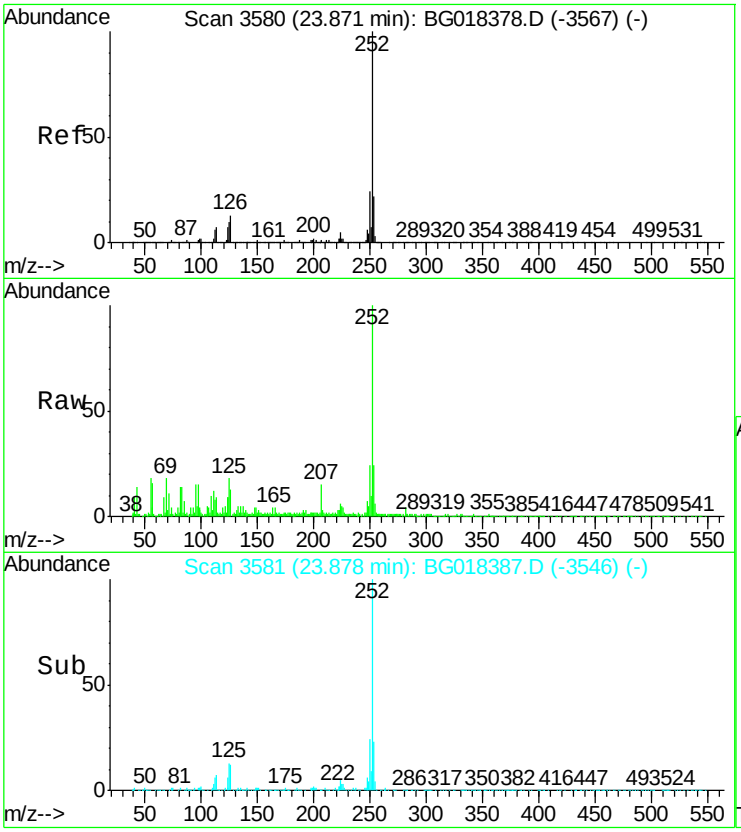


#85
Chrysene
Concen: 12.42 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:228 Resp: 291681

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.5	39.7
229	22.5	16.9	25.3



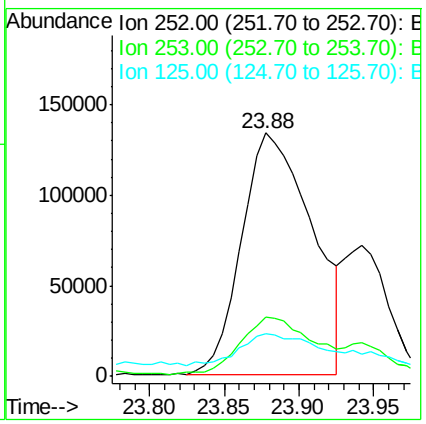


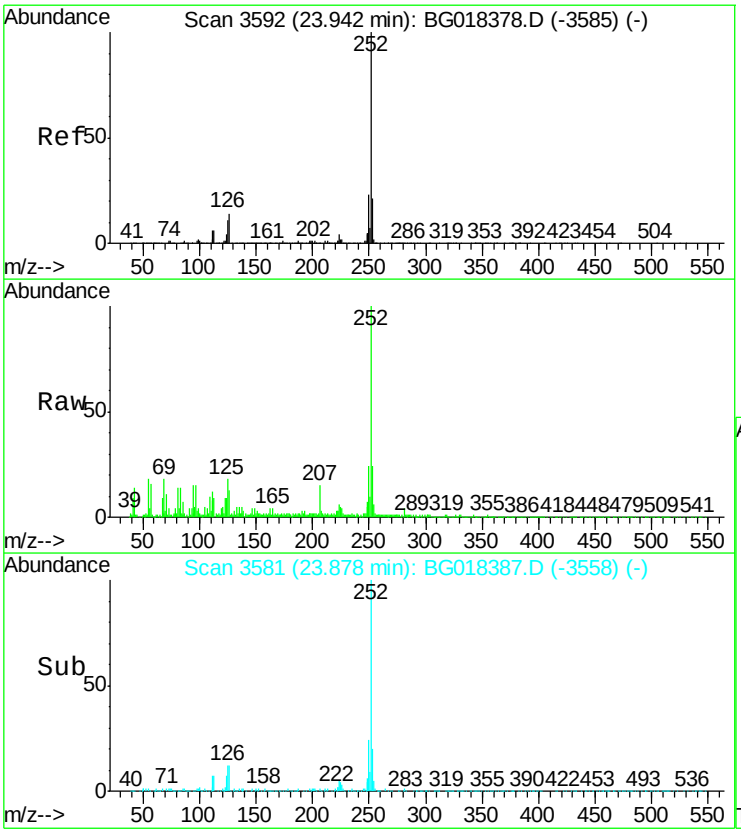
#88
Benzo(b)fluoranthene
Concen: 17.02 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:252 Resp: 436734

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	17.5	8.3	12.5#

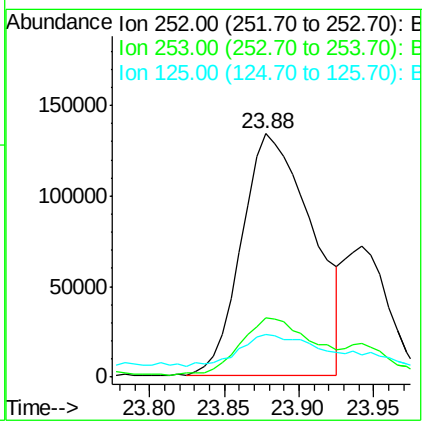


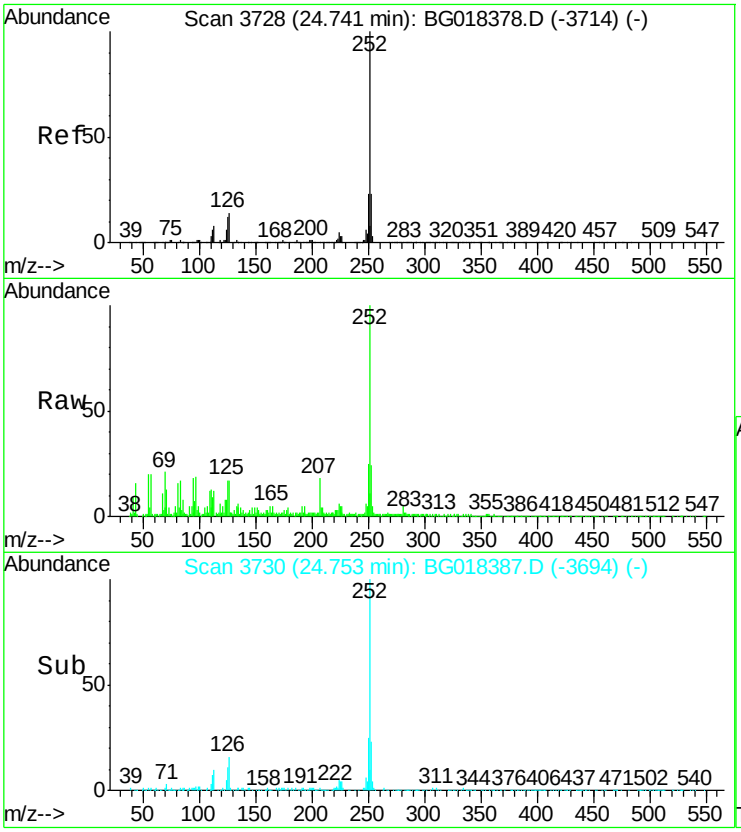


#89
Benzo(k)fluoranthene
Concen: 17.68 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. -0.06 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:252 Resp: 436734

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	17.5	9.0	13.4#



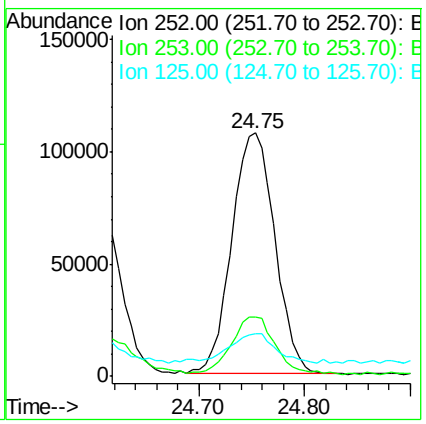


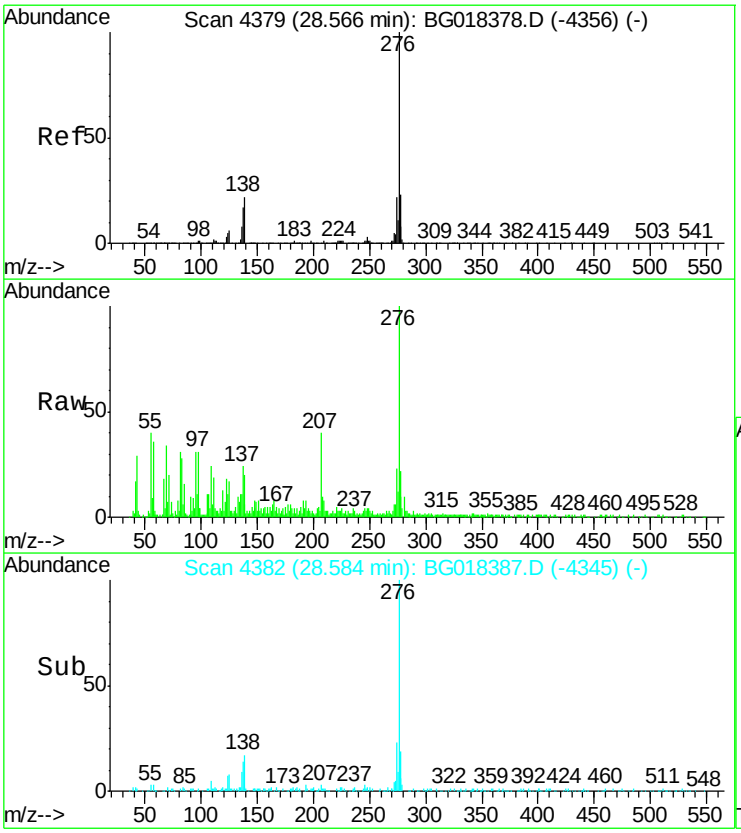
#91
Benzo(a)pyrene
Concen: 12.44 ng/ul
RT: 24.75 min Scan# 3730
Delta R.T. 0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:252 Resp: 303502

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	17.5	10.2	15.2#

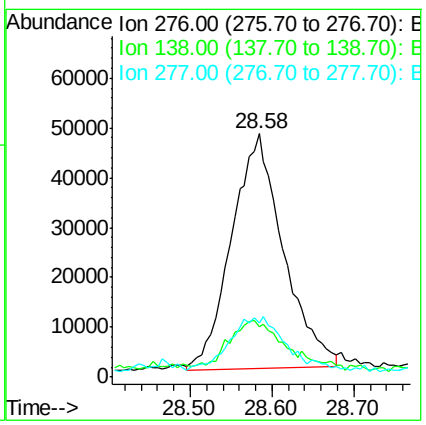


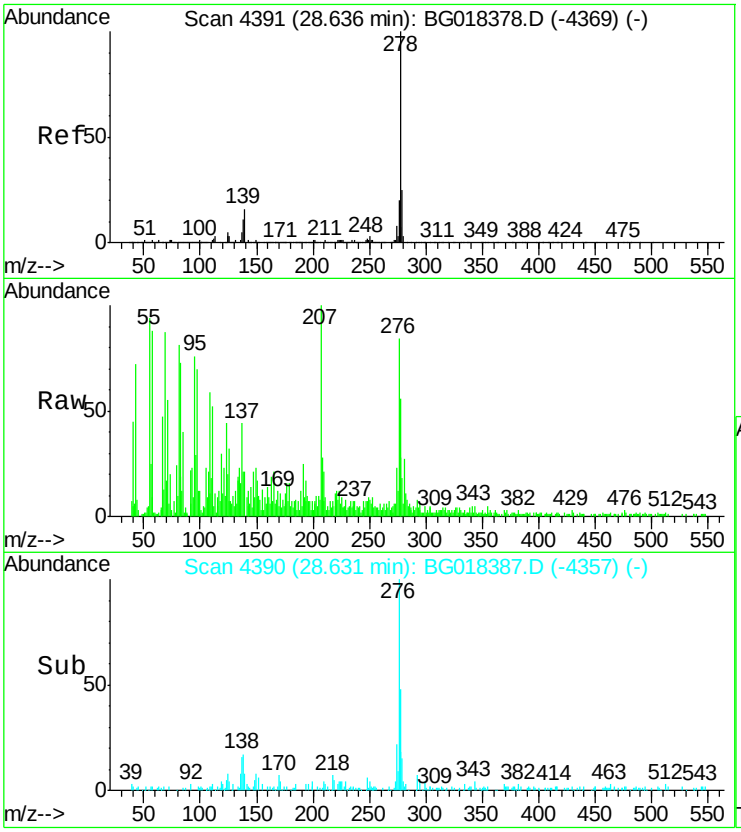


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.37 ng/ul
RT: 28.58 min Scan# 4382
Delta R.T. 0.02 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:276 Resp: 207936

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.8	23.6
277	22.3	18.9	28.3



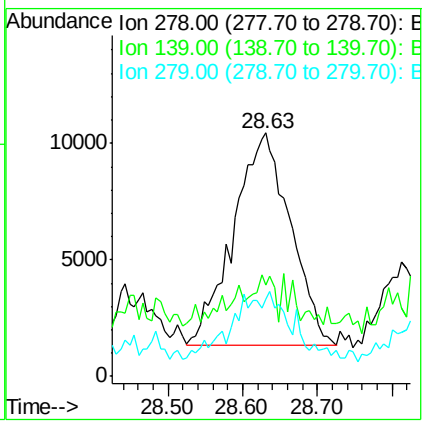


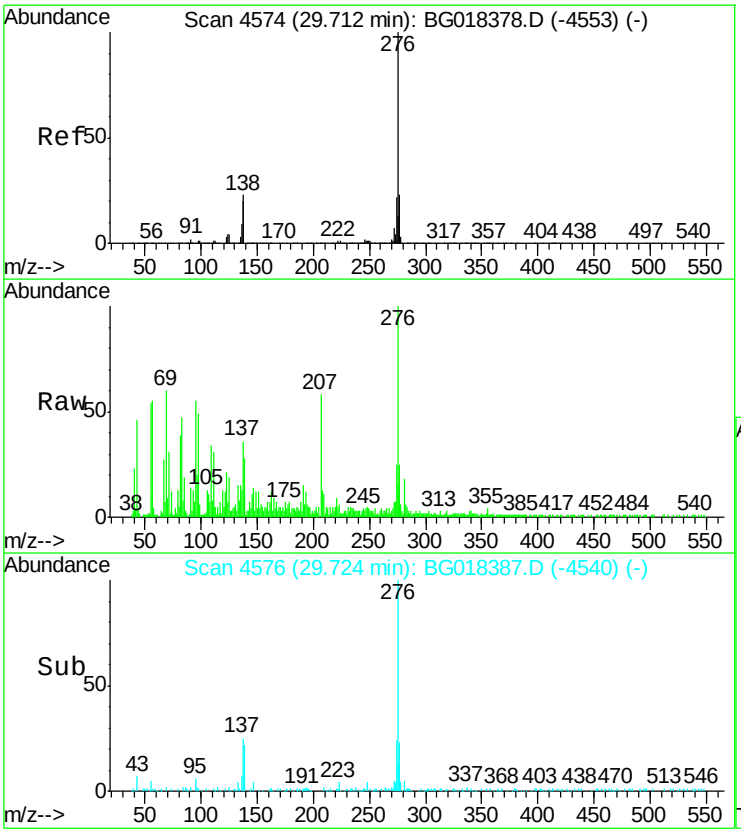
#93
Dibenzo(a,h)anthracene
Concen: 2.06 ng/ul
RT: 28.63 min Scan# 4390
Delta R.T. -0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C01J6

Tgt Ion:278 Resp: 48337

Ion	Ratio	Lower	Upper
278	100		
139	37.3	13.8	20.6#
279	31.6	17.8	26.8#





#94
Benzo(g,h,i)perylene
Concen: 4.34 ng/ul
RT: 29.72 min Scan# 4576
Delta R.T. 0.01 min
Lab File: BG018387.D
Acq: 11 Aug 2015 18:42

Tgt Ion:276 Resp: 102880

Ion	Ratio	Lower	Upper
276	100		
138	28.5	16.5	24.7#
277	24.6	19.0	28.6