Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
Data File : BG028366.D
Acq On : 16 Aug 2017 5:56
Operator : SJ/JU
Sample : I4672-02 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

Quant Time: Aug 16 09:08:57 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	52764	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	228885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	159743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	382514	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	416641	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	404604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	234	0.21	ng/uL	0.01
5) Phenol-d5	7.52	99	7957	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	5146	1.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	7055	1.93	ng/ul	0.01
13) 4-Methylphenol-d8	9.06	113	7379	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	3174	1.77	ng/ul	0.02
22) 2-Nitrophenol-d4	10.26	143	3571	1.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	7807	1.92	ng/ul	0.01
29) 4-Chloroaniline-d4	11.33	131	5357	1.19	ng/ul	0.01
43) Dimethylphthalate-d6	14.35	166	29484	2.08	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	33189	2.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.20	143	758	0.34	ng/ul	0.03
57) Fluorene-d10	15.96	176	25894	2.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	2967	1.19	ng/ul	0.00
70) Anthracene-d10	17.81	188	43152	2.35	ng/ul	0.00
76) Pyrene-d10	20.09	212	48183	2.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	42328	2.23	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.69	152	23744	1.551	ng/ul	93
58) Fluorene	16.01	166	14898	1.117	ng/ul#	92
69) Phenanthrene	17.76	178	340594	17.693	ng/ul	98
71) Anthracene	17.85	178	35271	1.793	ng/ul	95
72) Carbazole	18.12	167	33856	1.979	ng/ul	99
74) Fluoranthene	19.76	202	641261	27.410	ng/ul	100
77) Pyrene	20.12	202	541927	21.802	ng/ul	99
80) Benzo(a)anthracene	22.03	228	247477	10.280	ng/ul	94
82) Chrysene	22.10	228	252433	11.643	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	376195	15.538	ng/ul#	98
86) Benzo(k)fluoranthene	24.45	252	376195	15.907	ng/ul#	98
88) Benzo(a)pyrene	25.66	252	56985	2.431	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.60	276	173803	6.331	ng/ul	98
90) Dibenzo(a,h)anthracene	29.65	278	32203	1.400	ng/ul#	93
91) Benzo(g,h,i)perylene	30.87	276	126501	5.601	ng/ul#	88

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

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Quant Title : SVOA CALIBRATION
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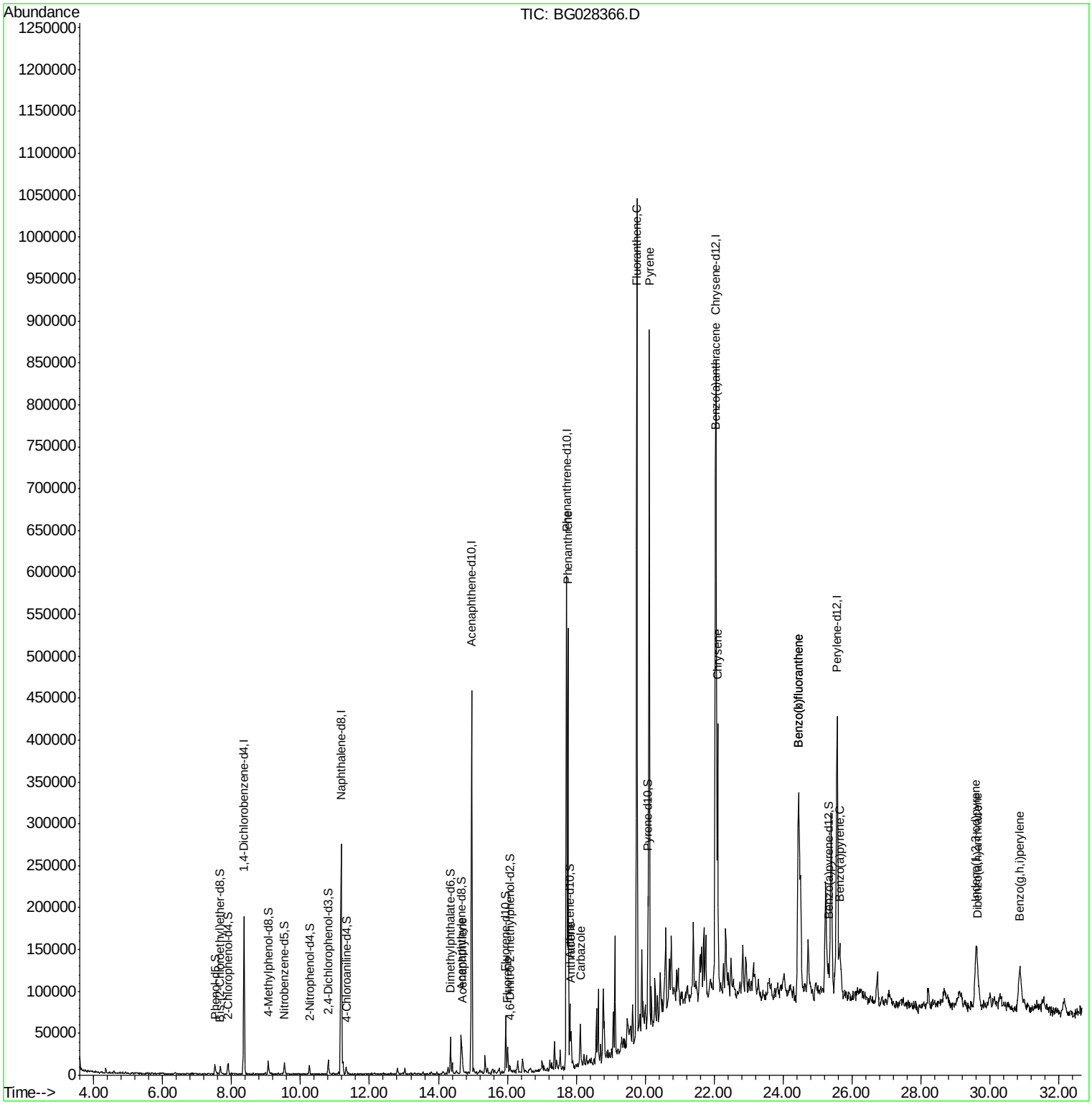
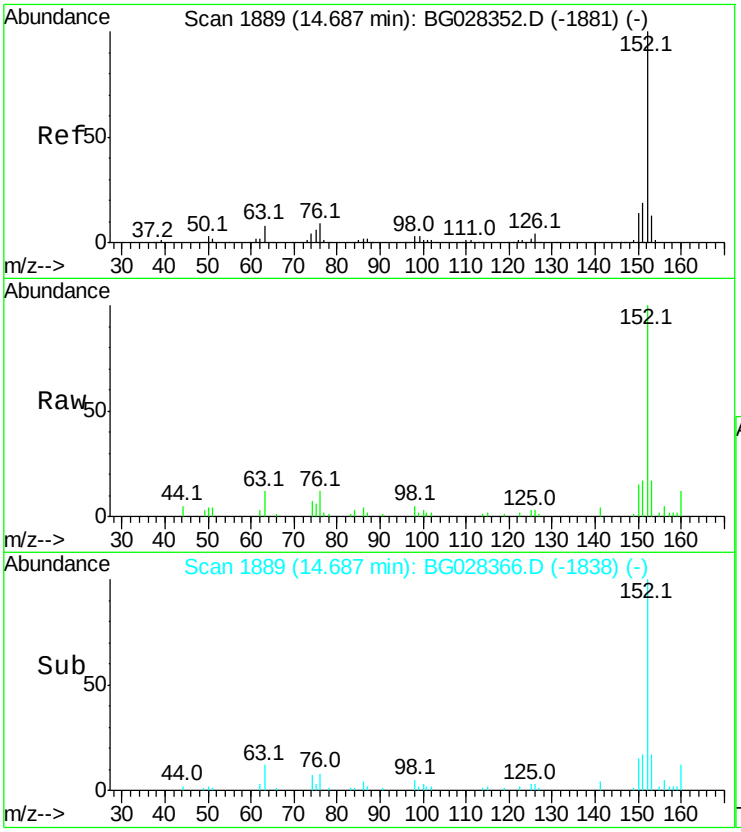


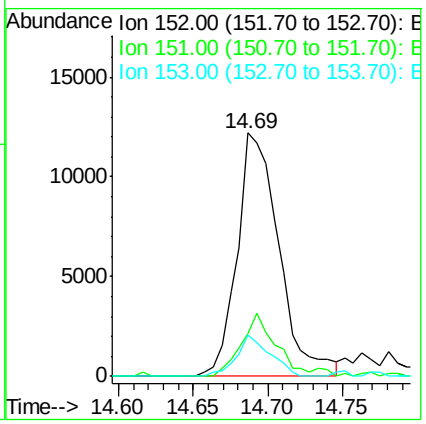


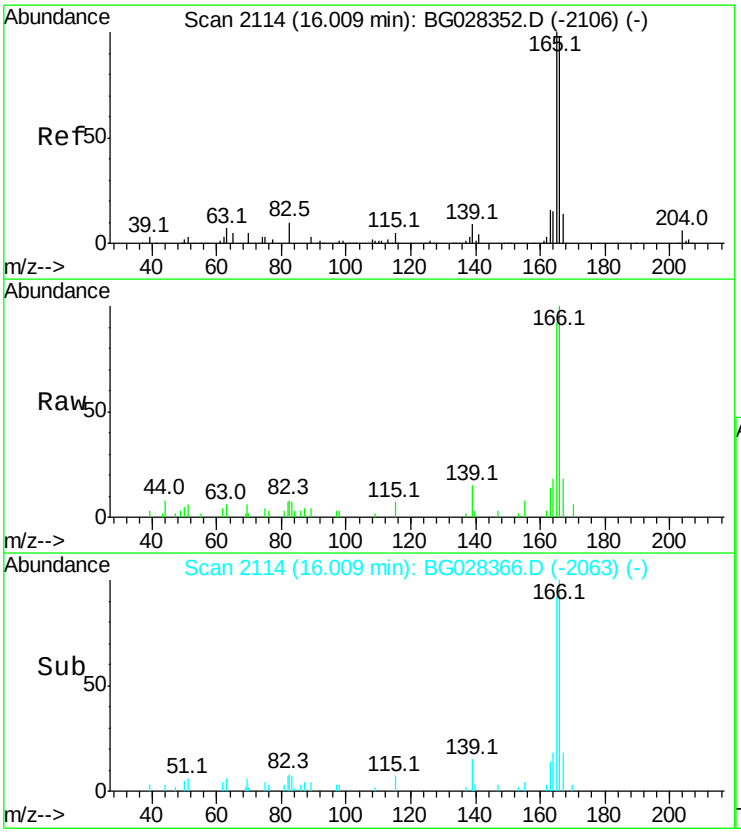
#47
Acenaphthylene
Concen: 1.551 ng/ul
RT: 14.69 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:152 Resp: 23744

Ion	Ratio	Lower	Upper
152	100		
151	17.3	16.7	25.1
153	17.1	11.4	17.2

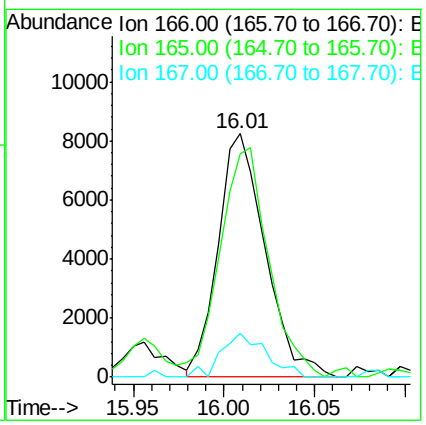


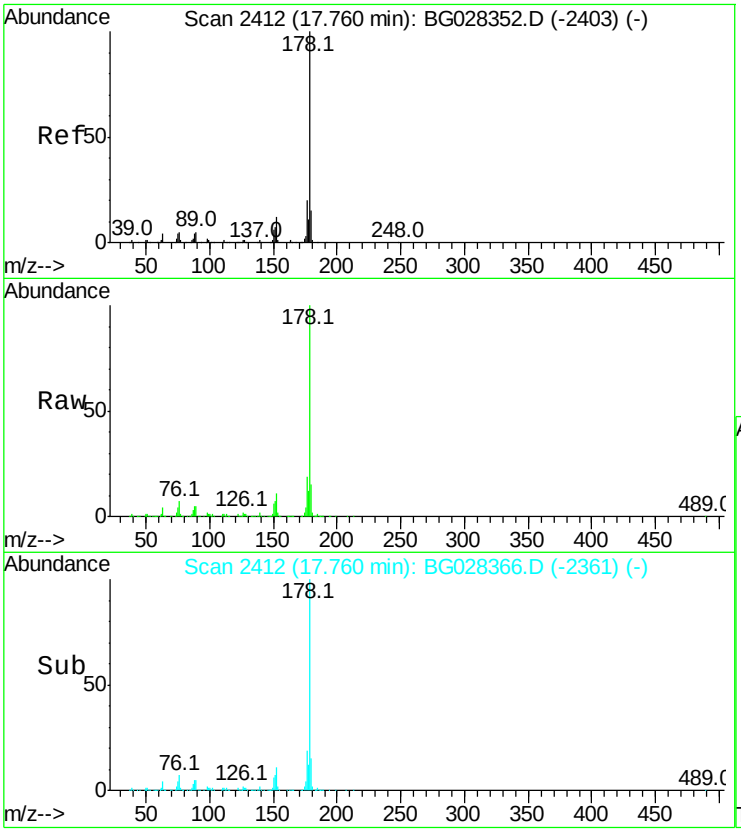


#58
Fluorene
Concen: 1.117 ng/ul
RT: 16.01 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:166 Resp: 14898

Ion	Ratio	Lower	Upper
166	100		
165	91.7	79.7	119.5
167	18.3	11.4	17.2#



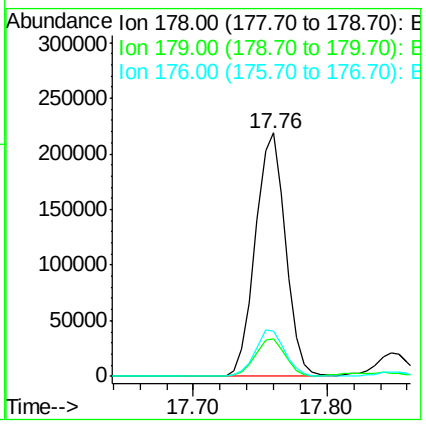


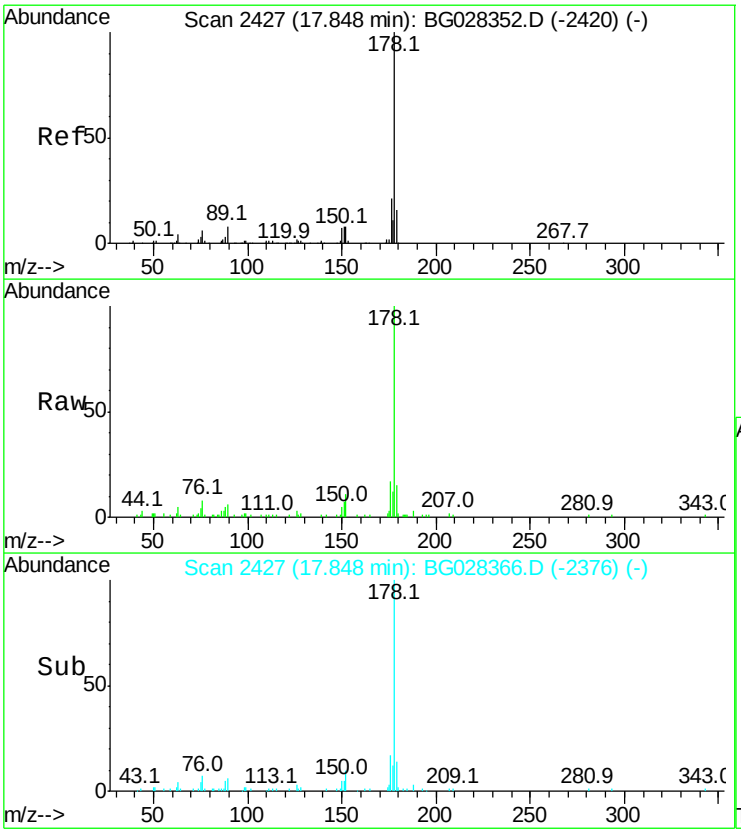
#69
Phenanthrene
Concen: 17.693 ng/ul
RT: 17.76 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:178 Resp: 340594

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.7	16.5	24.7

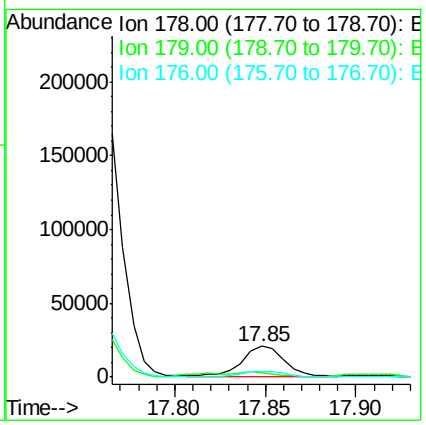


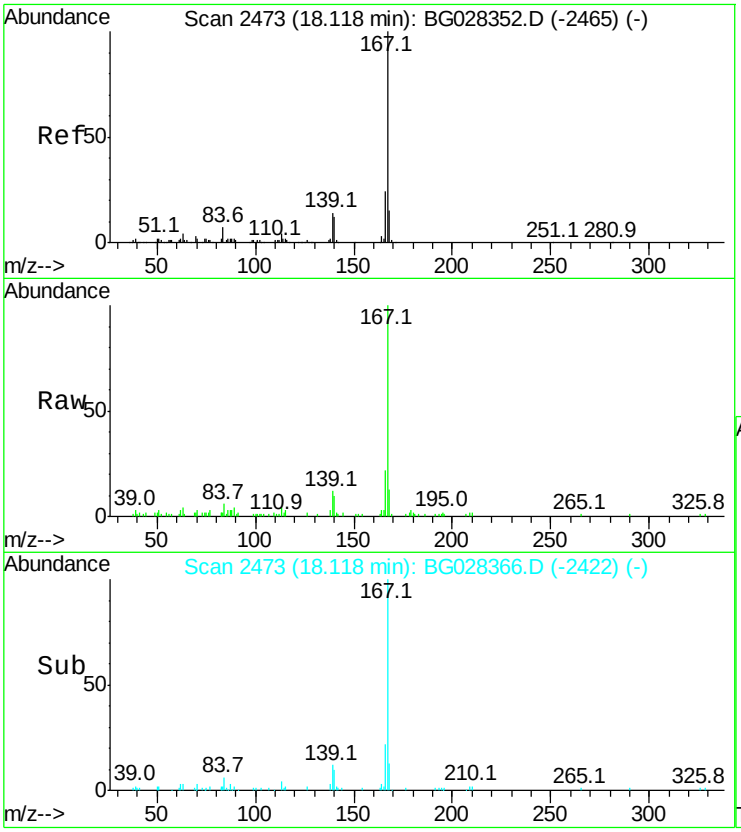


#71
Anthracene
Concen: 1.793 ng/ul
RT: 17.85 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:178 Resp: 35271

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	17.0	15.9	23.9



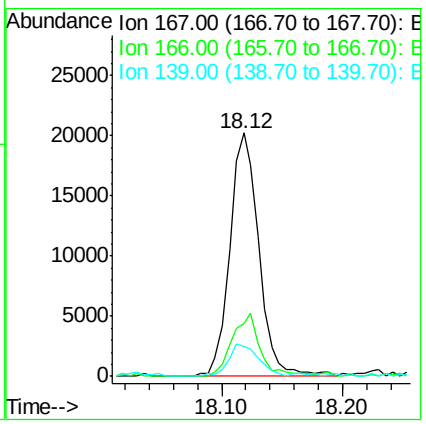


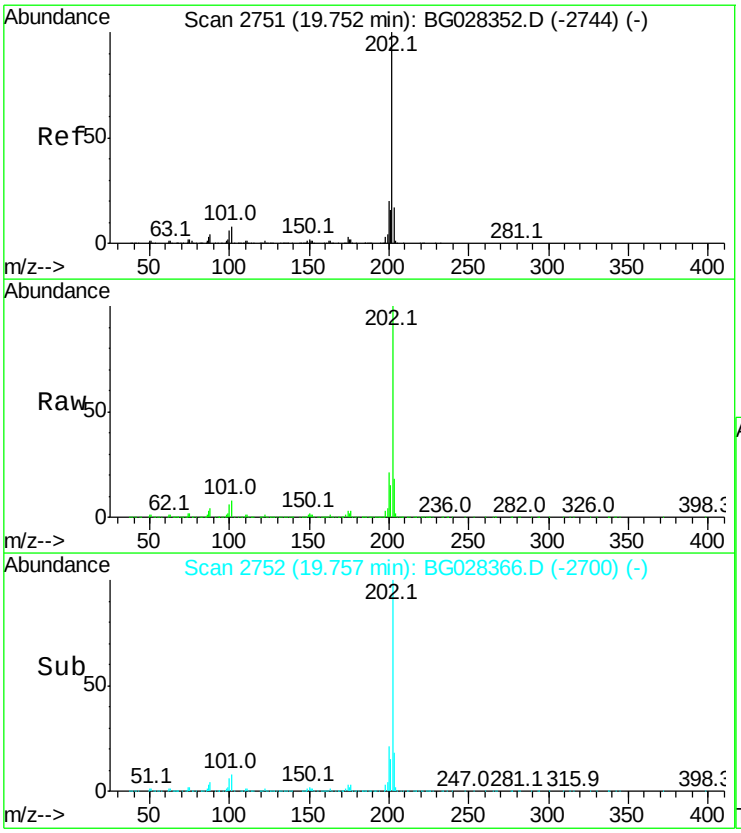
#72
Carbazole
Concen: 1.979 ng/ul
RT: 18.12 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:167 Resp: 33856

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.5	10.5	15.7

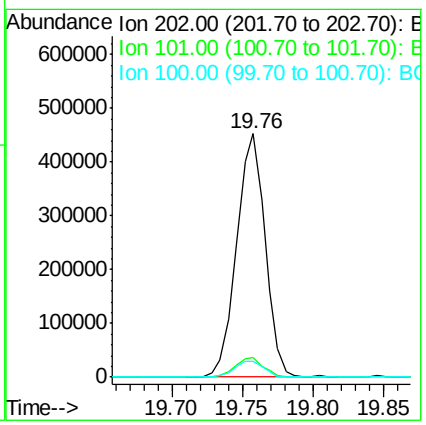


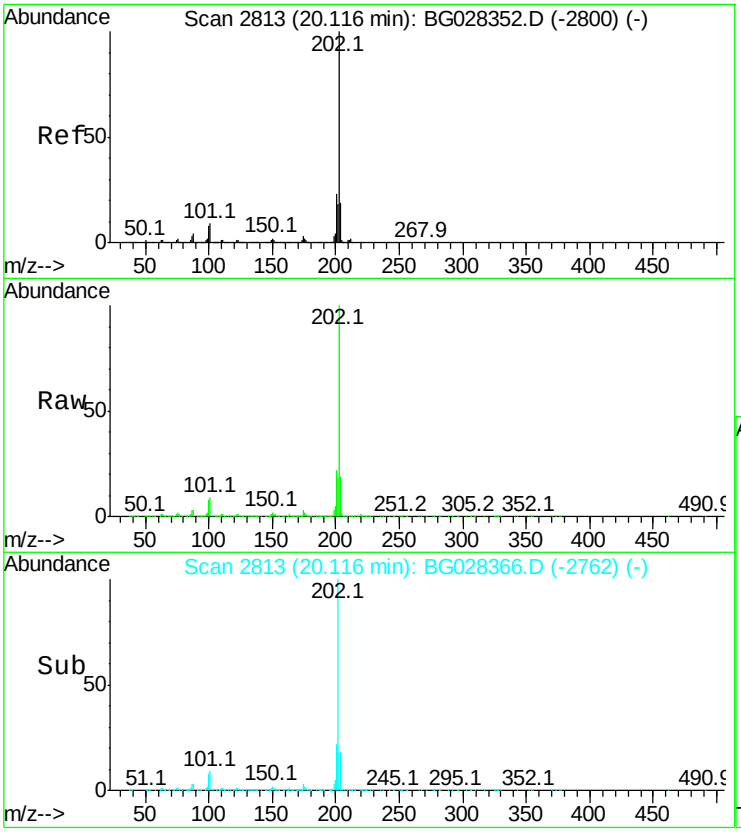


#74
Fluoranthene
Concen: 27.410 ng/ul
RT: 19.76 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:202 Resp: 641261

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.2
100	6.3	5.2	7.8



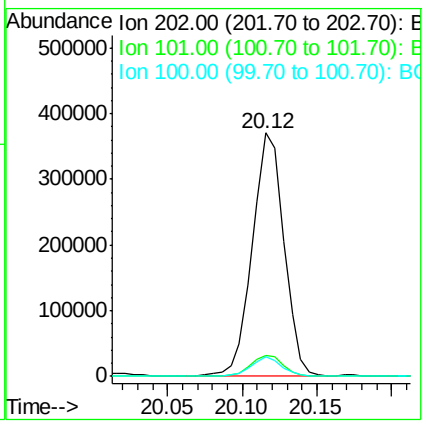


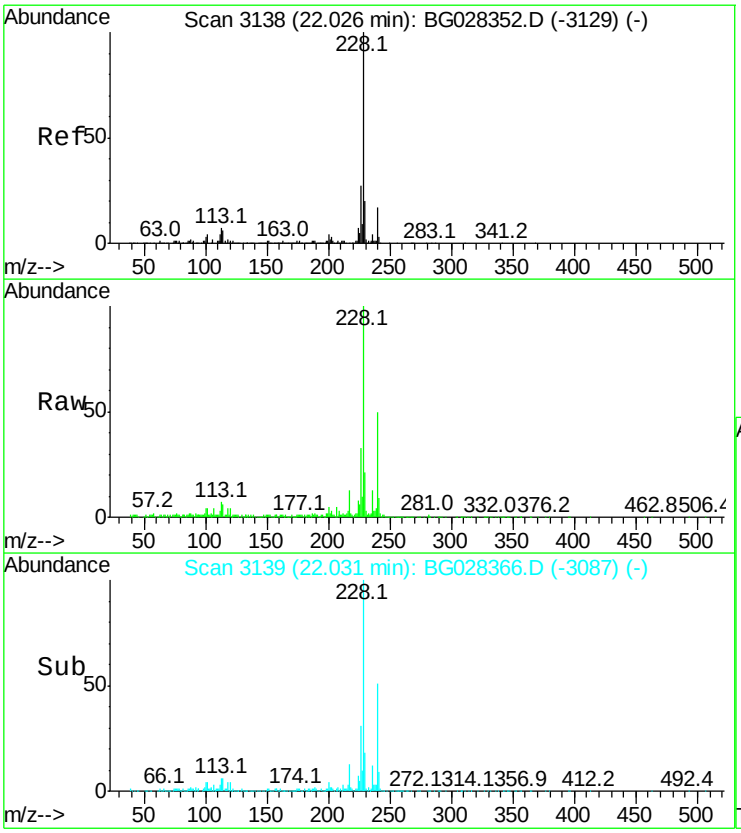
#77
Pyrene
Concen: 21.802 ng/ul
RT: 20.12 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:202 Resp: 541927

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	8.0	6.6	10.0

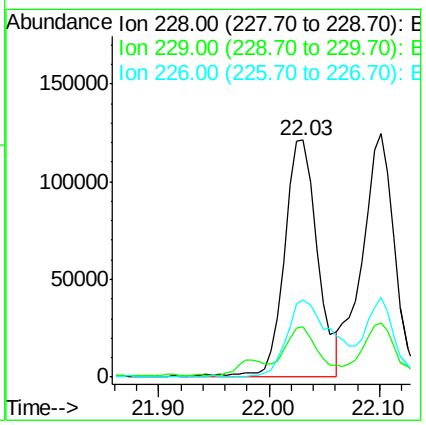


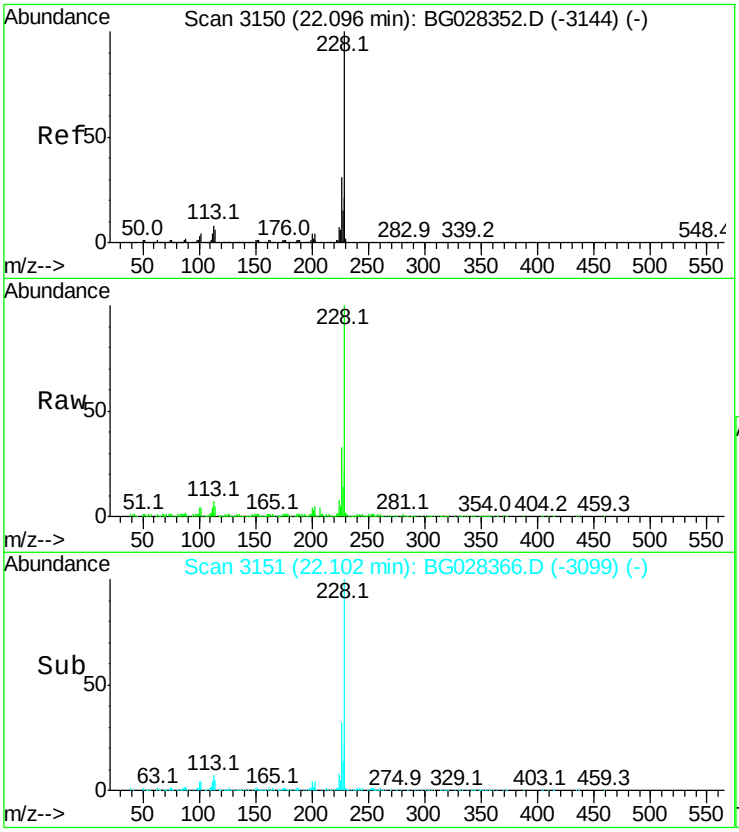


#80
Benzo(a)anthracene
Concen: 10.280 ng/ul
RT: 22.03 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:228 Resp: 247477

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.3	24.5
226	32.5	21.9	32.9



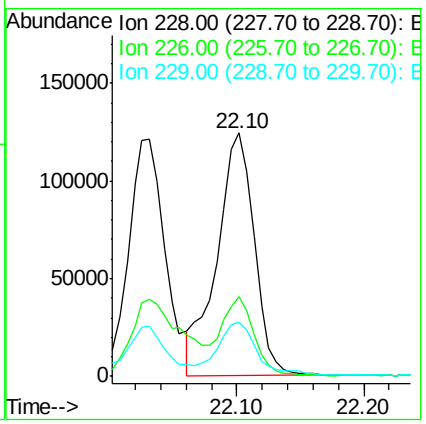


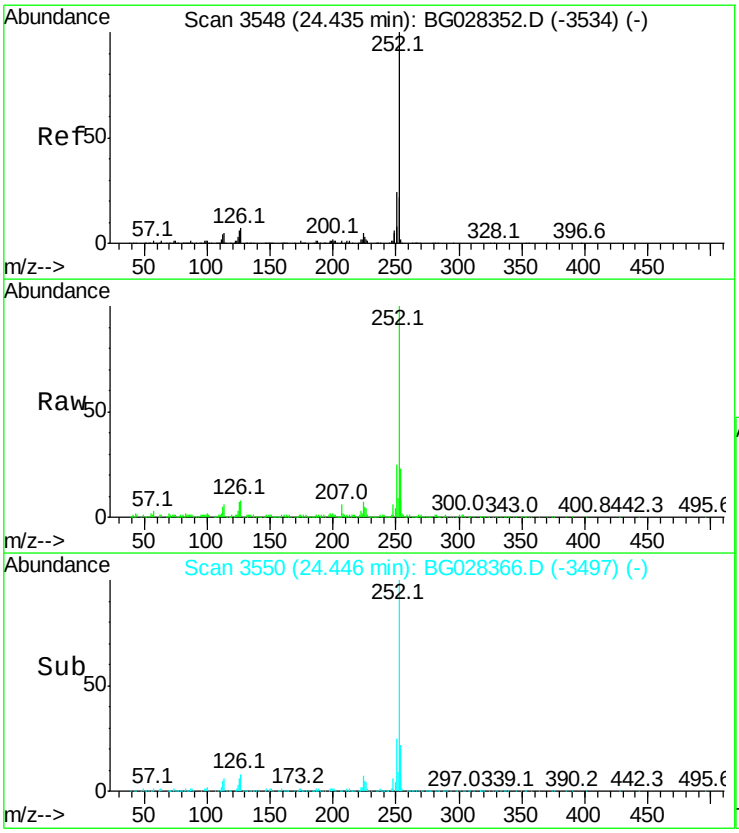
#82
Chrysene
Concen: 11.643 ng/ul
RT: 22.10 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:228 Resp: 252433

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	22.2	16.9	25.3

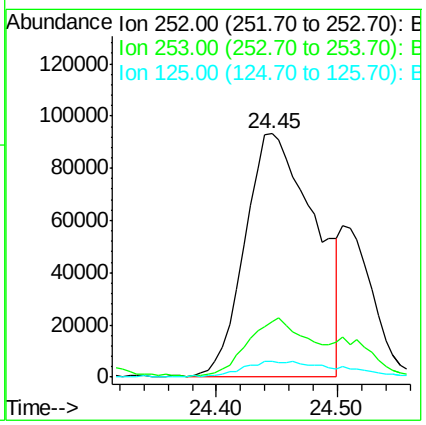


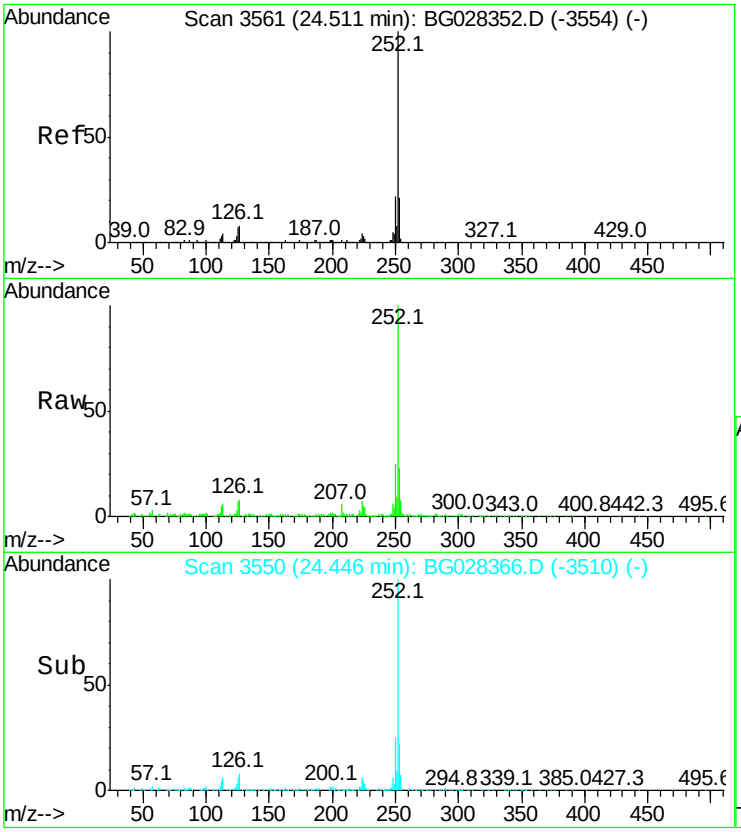


#85
Benzo(b)fluoranthene
Concen: 15.538 ng/ul
RT: 24.45 min Scan# 3550
Delta R.T. 0.01 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:252 Resp: 376195

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	6.7	4.0	6.0#



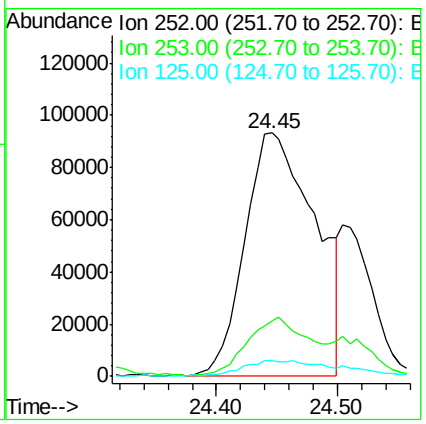


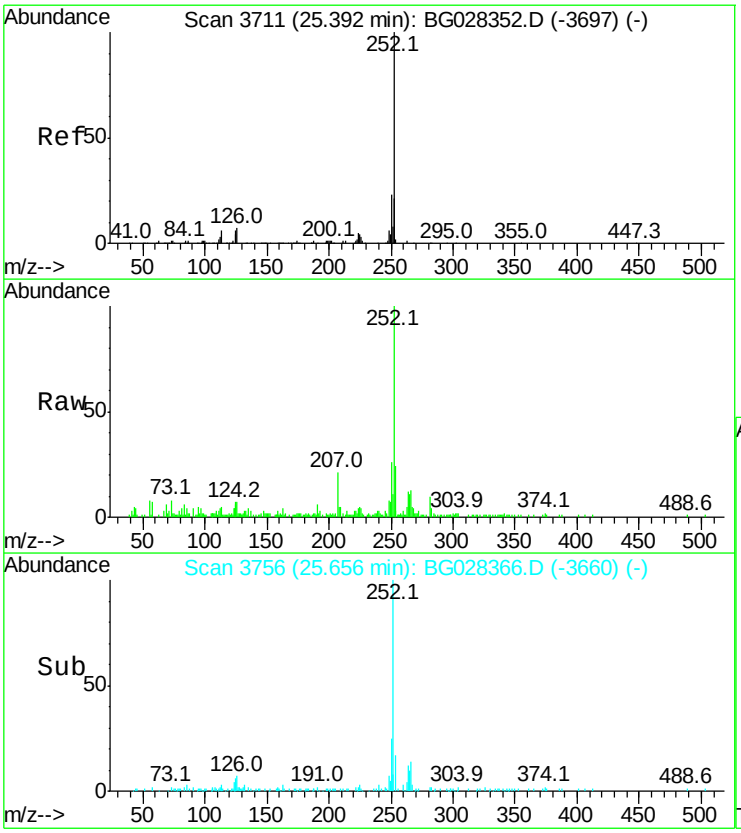
#86
Benzo(k)fluoranthene
Concen: 15.907 ng/ul
RT: 24.45 min Scan# 3550
Delta R.T. -0.06 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:252 Resp: 376195

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	6.7	4.1	6.1#

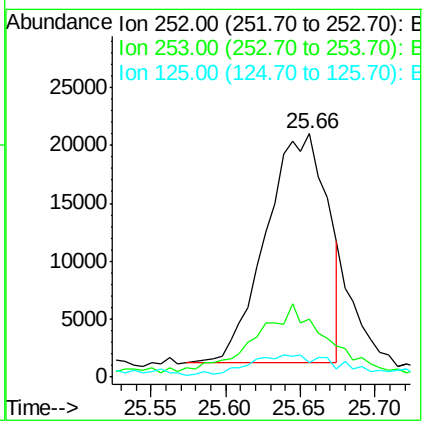


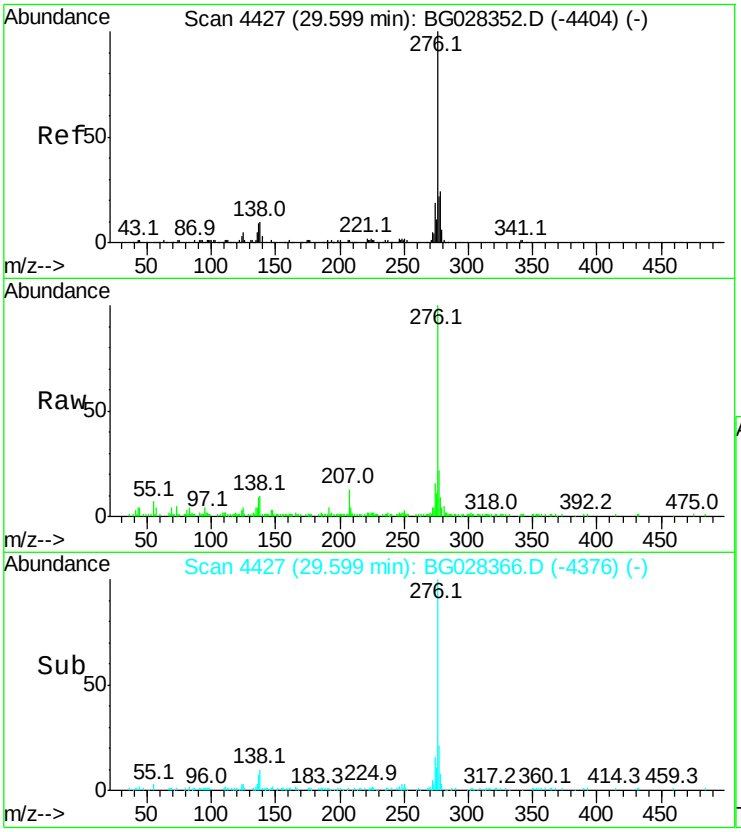


#88
Benzo(a)pyrene
Concen: 2.431 ng/ul
RT: 25.66 min Scan# 3756
Delta R.T. 0.26 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:252 Resp: 56985

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	6.0	5.4	8.0



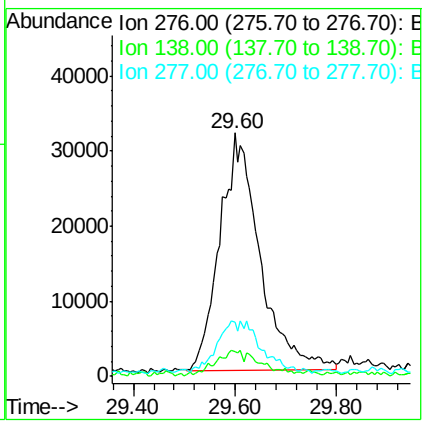


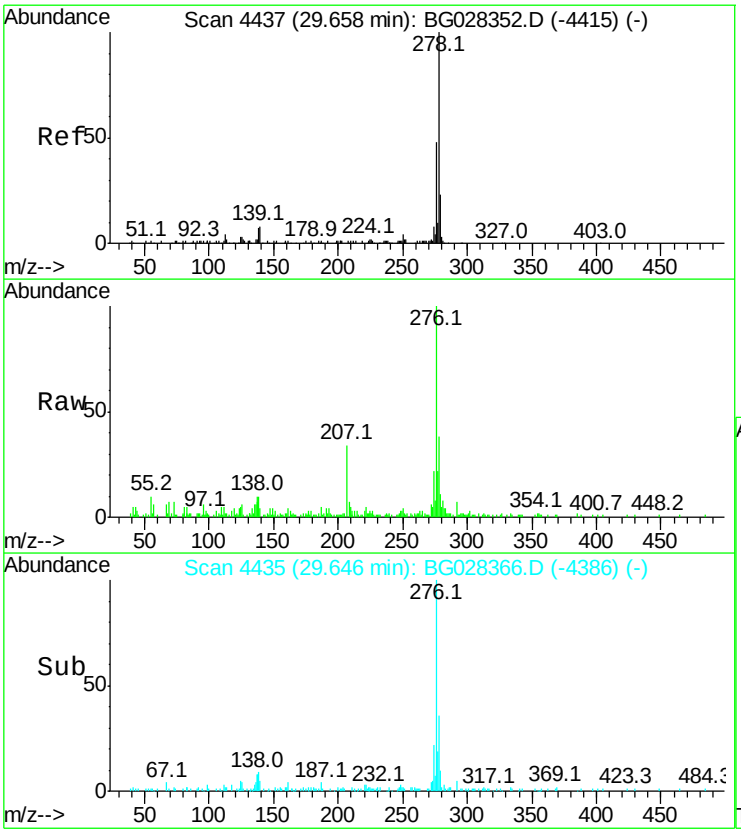
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.331 ng/ul
RT: 29.60 min Scan# 4427
Delta R.T. -0.00 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:276 Resp: 173803

Ion	Ratio	Lower	Upper
276	100		
138	10.0	8.2	12.4
277	22.3	18.6	28.0

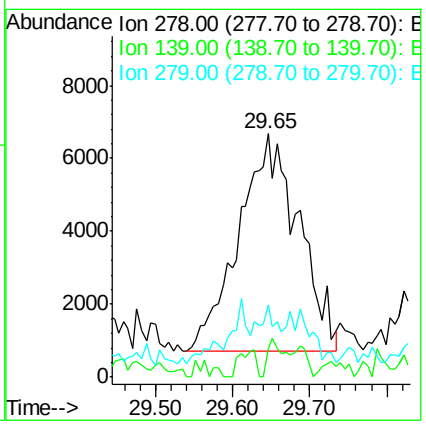


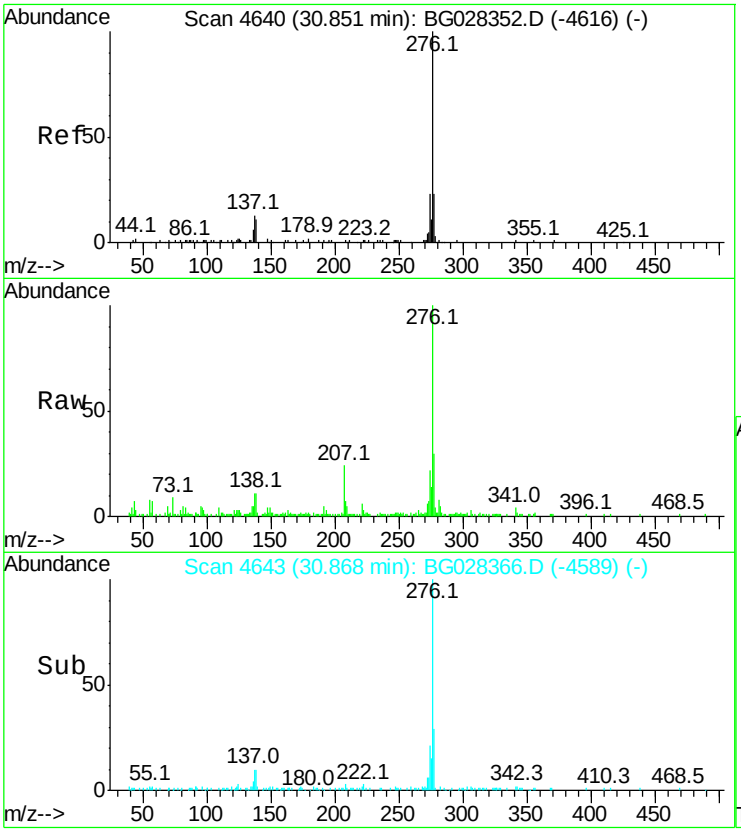


#90
Dibenzo(a,h)anthracene
Concen: 1.400 ng/ul
RT: 29.65 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Tgt Ion:278 Resp: 32203

Ion	Ratio	Lower	Upper
278	100		
139	11.8	6.7	10.1#
279	29.6	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 5.601 ng/ul
RT: 30.87 min Scan# 4643
Delta R.T. 0.02 min
Lab File: BG028366.D
Acq: 16 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
C0AG4

Tgt Ion:276 Resp: 126501

Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.6	12.8
277	30.2	17.6	26.4#