Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028284.D
Acq On : 11 Aug 2017 7:53
Operator : SJ/JU
Sample : I4550-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 11 11:09:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51243	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	225638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	154062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	316777	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	409515	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	392681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3527	3.21	ng/uL	0.00
5) Phenol-d5	7.50	99	83317	14.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	59438	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	52955	14.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	67386	14.33	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31654	17.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	22996	11.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	53000	13.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	71110	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	243942	17.80	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	281524	18.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	700	0.32	ng/ul	0.03
57) Fluorene-d10	15.95	176	207664	16.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	62	0.03	ng/ul	0.08
70) Anthracene-d10	17.80	188	316777	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	374693	17.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	344940	18.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	14548	2.601	ng/ul#	83
28) Naphthalene	11.22	128	33110	2.963	ng/ul	97
34) 2-Methylnaphthalene	12.80	142	18476	2.058	ng/ul	96
44) Dimethylphthalate	14.40	163	73176	5.800	ng/ul	99
49) Acenaphthene	15.02	153	22135	2.222	ng/ul	89
53) Dibenzofuran	15.35	168	41748	2.874	ng/ul	92
58) Fluorene	16.00	166	38995	3.033	ng/ul	92
69) Phenanthrene	17.84	178	93322	5.854	ng/ul	95
71) Anthracene	17.84	178	93322	5.728	ng/ul	96
72) Carbazole	18.11	167	88117	6.219	ng/ul	98
74) Fluoranthene	19.75	202	1049251	54.157	ng/ul	99
77) Pyrene	20.11	202	857930	35.115	ng/ul	99
80) Benzo(a)anthracene	22.02	228	432703	18.287	ng/ul	99
82) Chrysene	22.09	228	416443	19.542	ng/ul	97
85) Benzo(b)fluoranthene	24.48	252	185477	7.893	ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	185477	8.081	ng/ul	98
88) Benzo(a)pyrene	25.38	252	377645	16.598	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.54	276	265026	9.947	ng/ul#	98
90) Dibenzo(a,h)anthracene	29.59	278	62458	2.797	ng/ul#	96
91) Benzo(g,h,i)perylene	30.81	276	208144	9.496	ng/ul	94

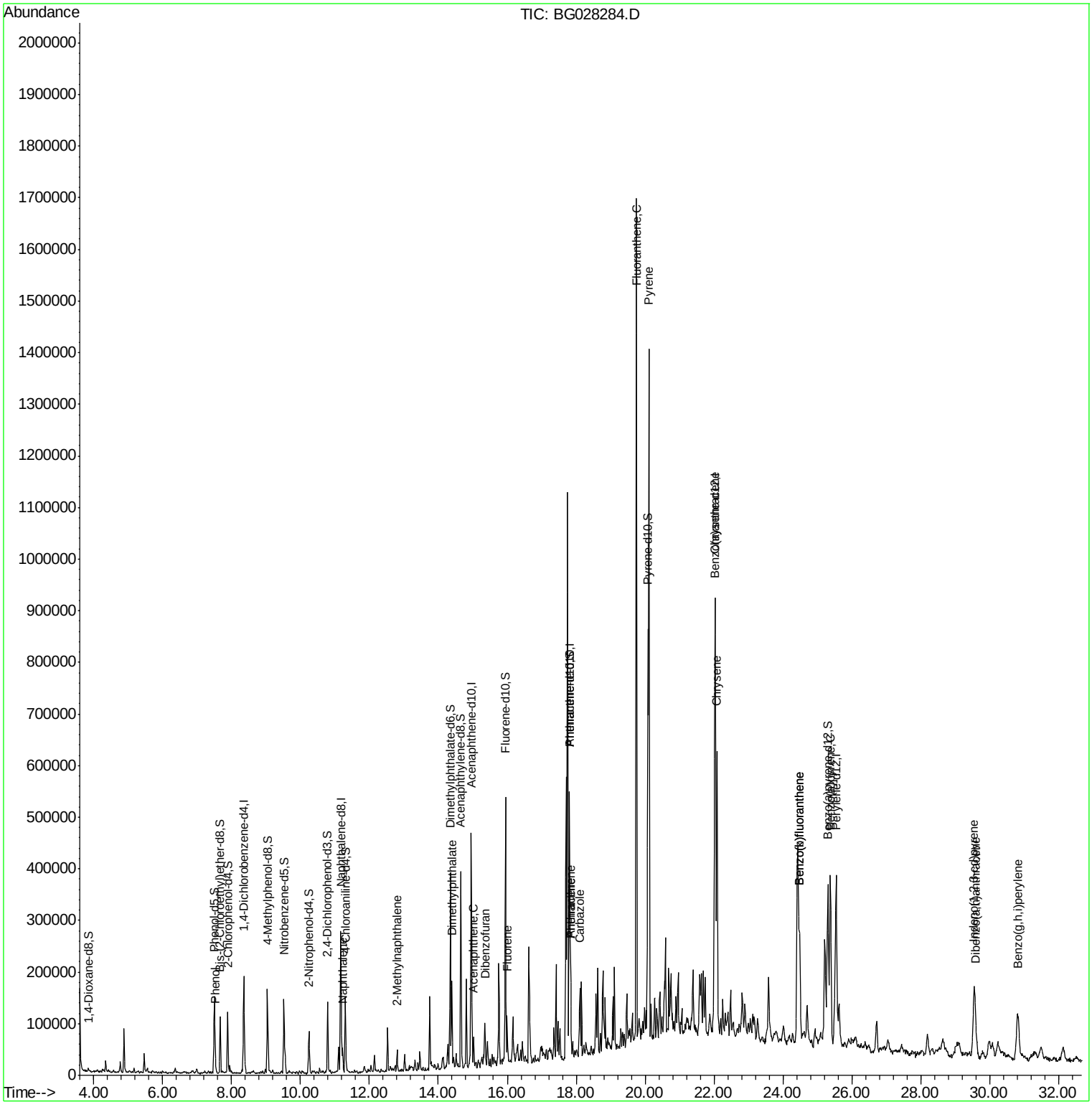
(#) = qualifier out of range (m) = manual integration (+) = signals summed

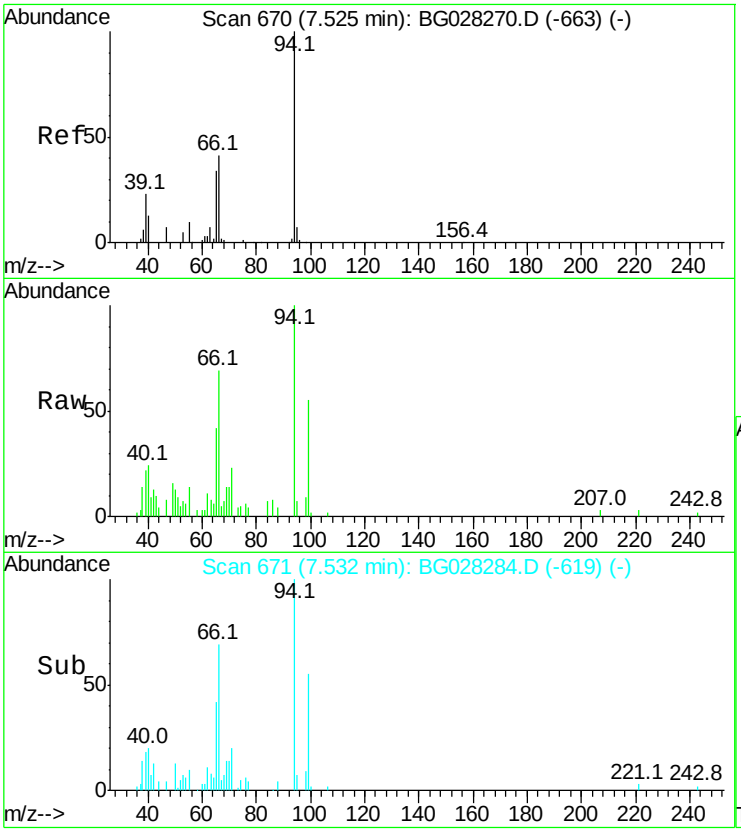
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028284.D
Acq On : 11 Aug 2017 7:53
Operator : SJ/JU
Sample : I4550-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 11 11:09:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration



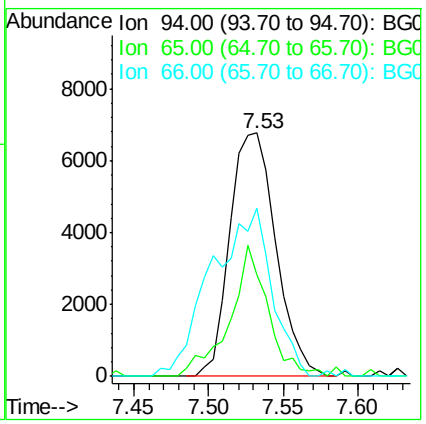


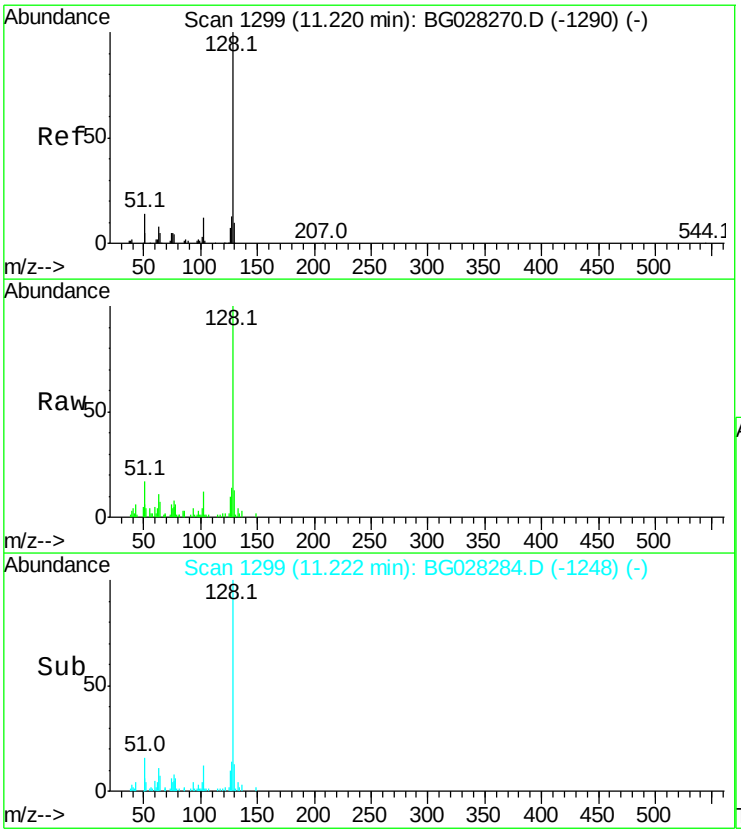
#6
Phenol
Concen: 2.601 ng/ul
RT: 7.53 min Scan# 671
Delta R.T. 0.01 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 14548

Ion	Ratio	Lower	Upper
94	100		
65	41.6	26.8	40.2#
66	68.9	44.4	66.6#

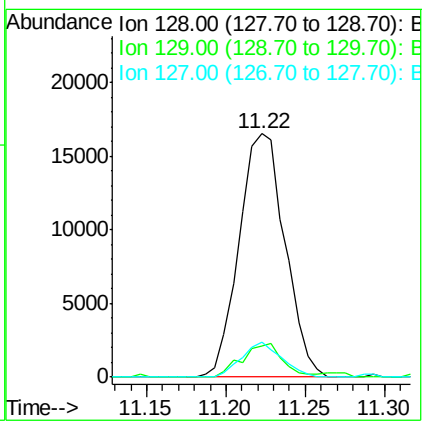


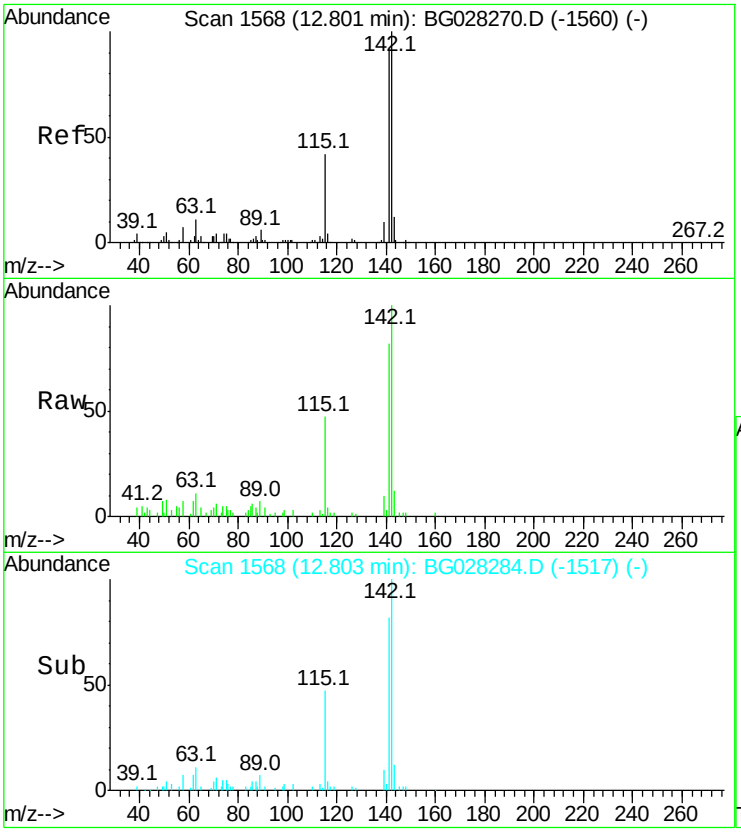


#28
Naphthalene
Concen: 2.963 ng/ul
RT: 11.22 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:128 Resp: 33110

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.4	14.2
127	14.2	10.3	15.5



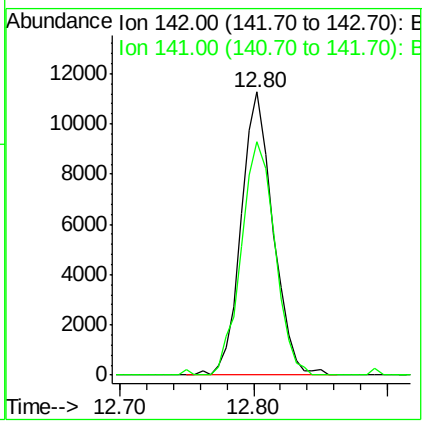


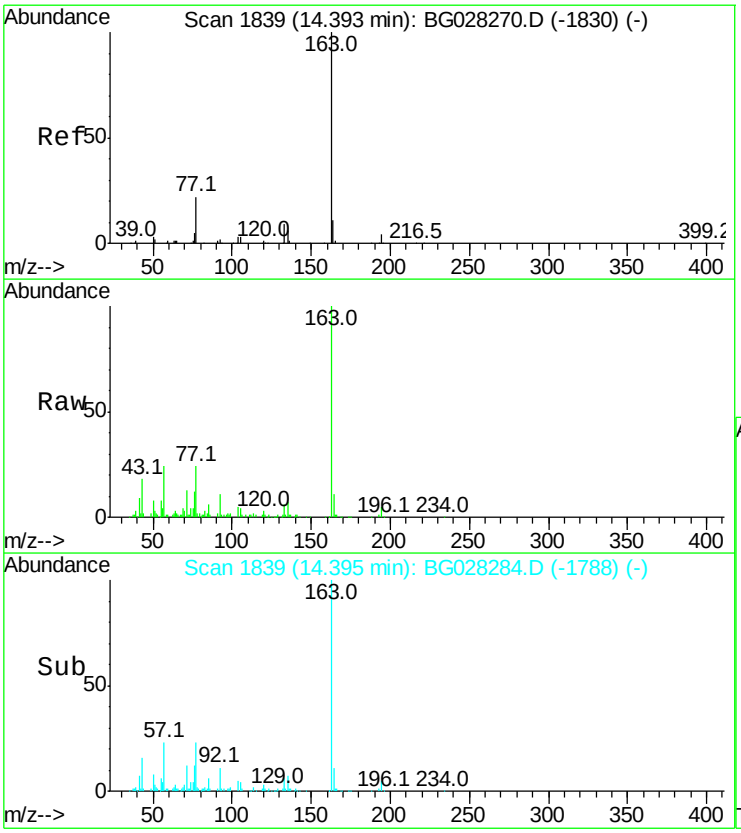
#34
2-Methylnaphthalene
Concen: 2.058 ng/ul
RT: 12.80 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 18476

Ion	Ratio	Lower	Upper
142	100		
141	82.4	68.6	102.8

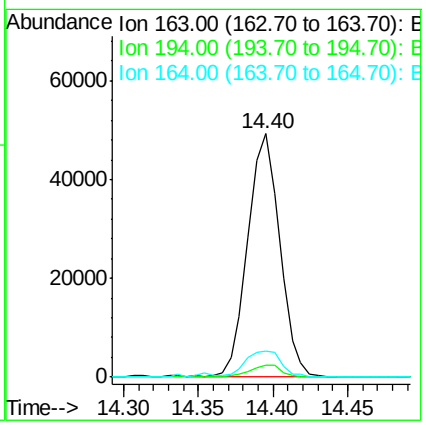


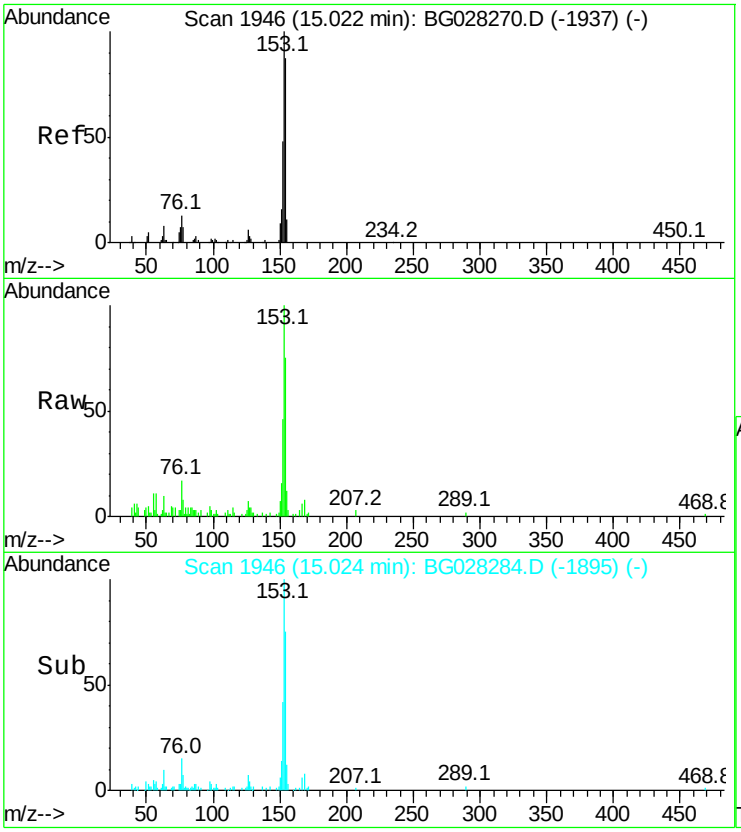


#44
Dimethylphthalate
Concen: 5.800 ng/ul
RT: 14.40 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:163 Resp: 73176

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	10.8	9.0	13.4



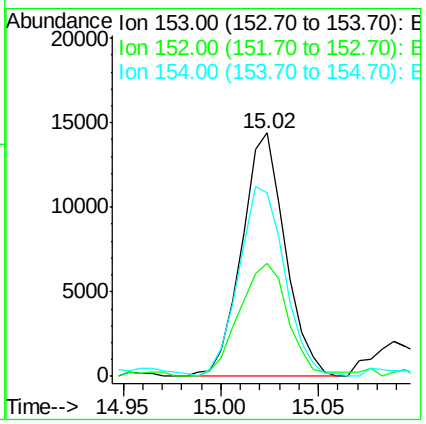


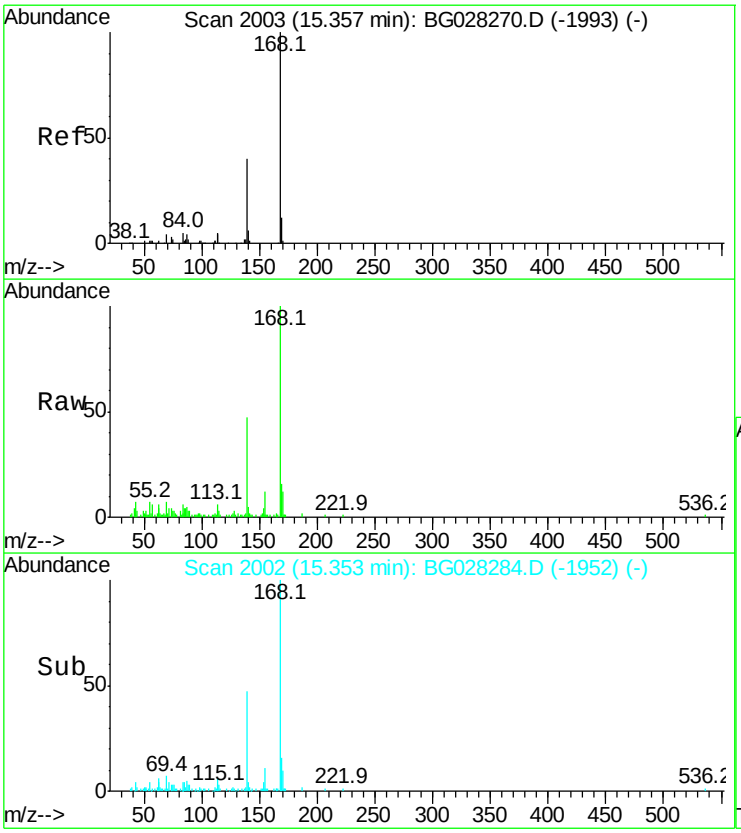
#49
Acenaphthene
Concen: 2.222 ng/ul
RT: 15.02 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 22135

Ion	Ratio	Lower	Upper
153	100		
152	46.3	36.5	54.7
154	75.1	72.3	108.5

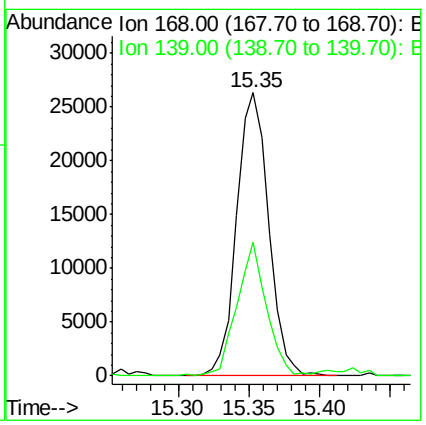


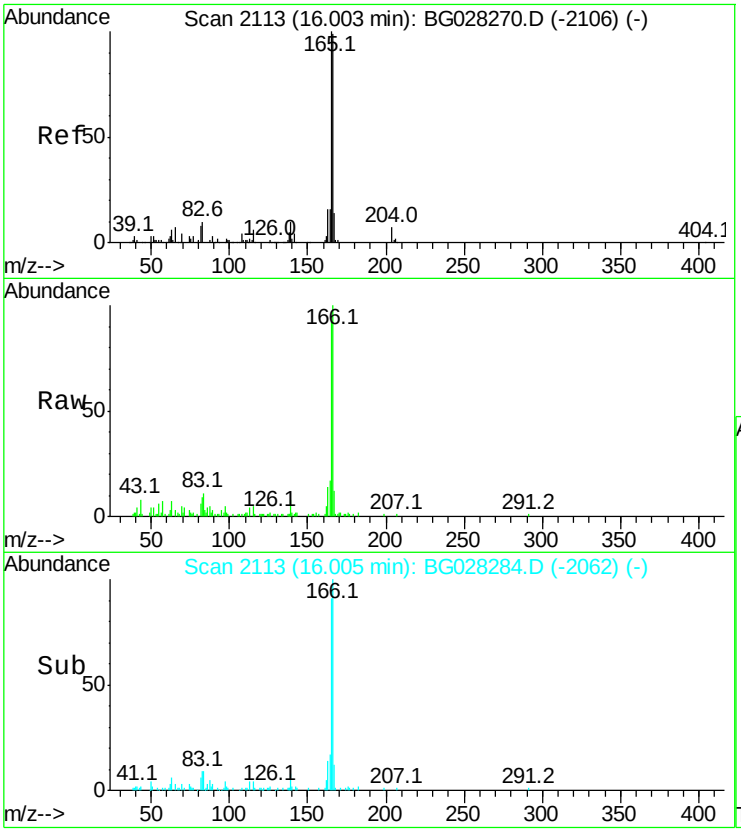


#53
Dibenzofuran
Concen: 2.874 ng/ul
RT: 15.35 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:168 Resp: 41748

Ion	Ratio	Lower	Upper
168	100		
139	47.1	33.8	50.8



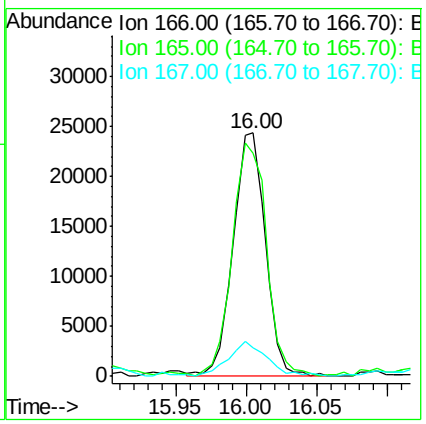


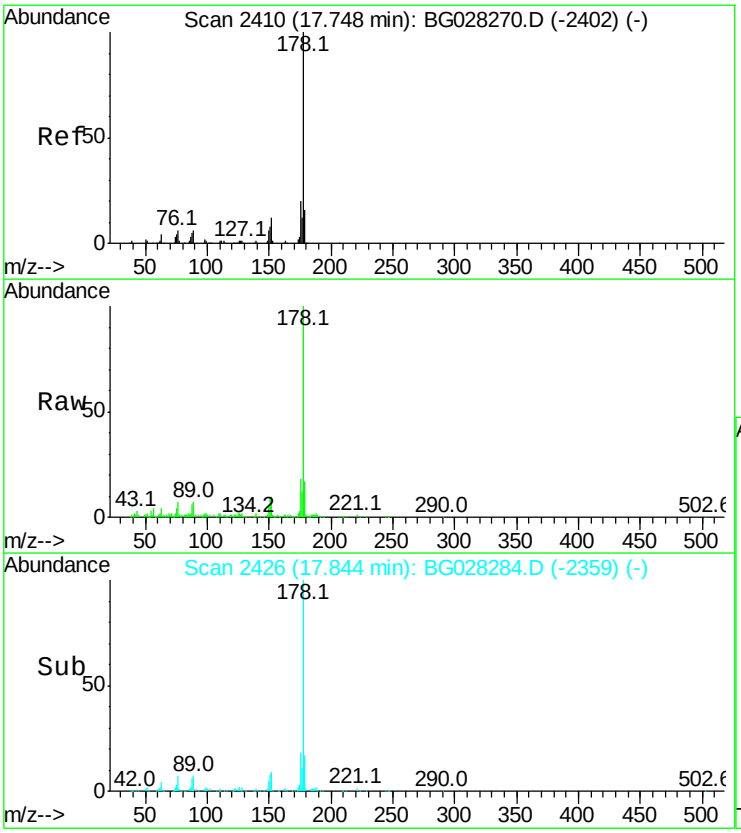
#58
Fluorene
Concen: 3.033 ng/ul
RT: 16.00 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 38995

Ion	Ratio	Lower	Upper
166	100		
165	91.9	79.7	119.5
167	11.8	11.4	17.2

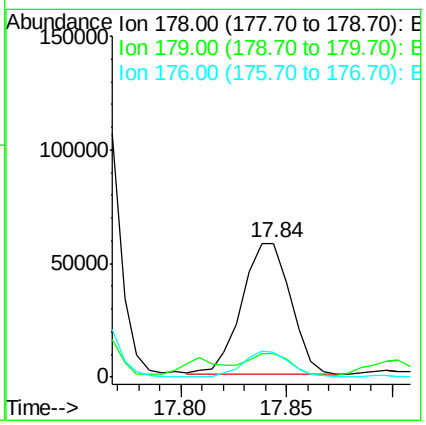


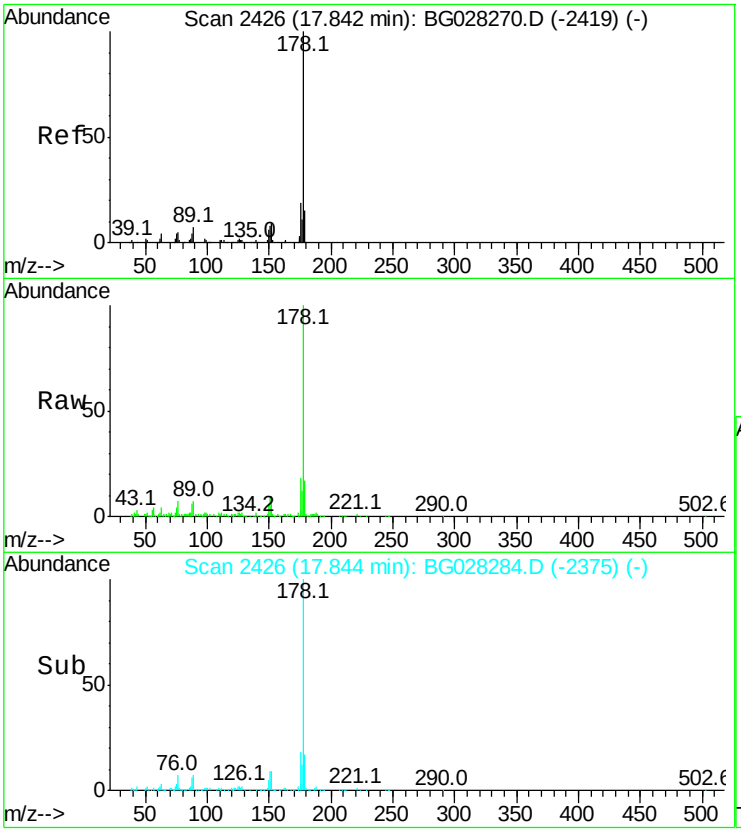


#69
Phenanthrene
Concen: 5.854 ng/ul
RT: 17.84 min Scan# 2426
Delta R.T. 0.10 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:178 Resp: 93322

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.4	18.6
176	18.1	16.5	24.7



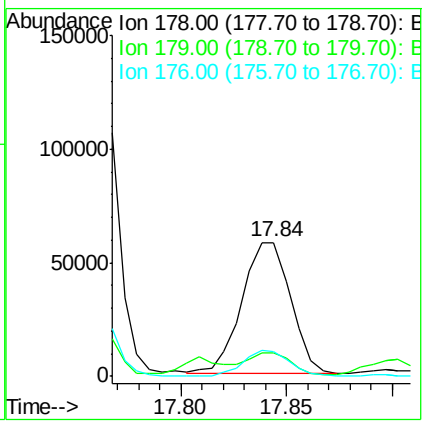


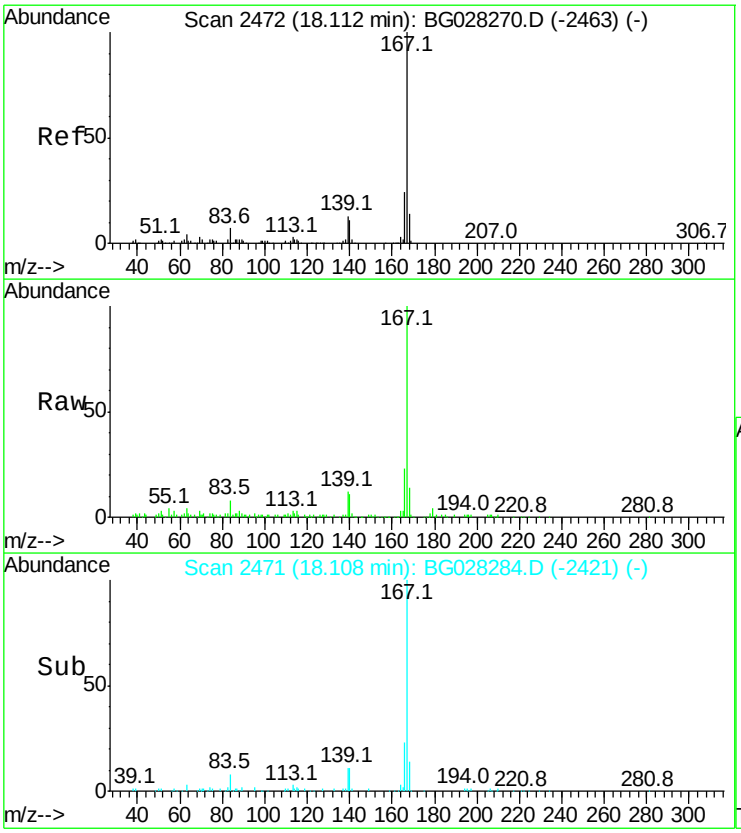
#71
Anthracene
Concen: 5.728 ng/ul
RT: 17.84 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 93322

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	18.1	15.9	23.9

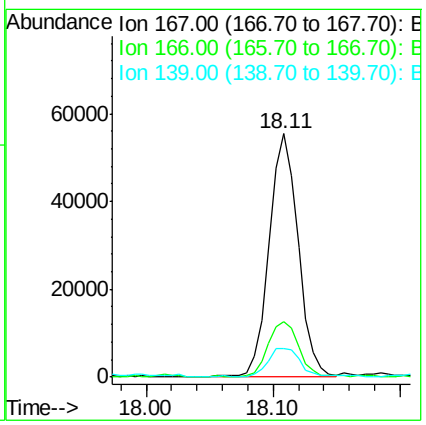


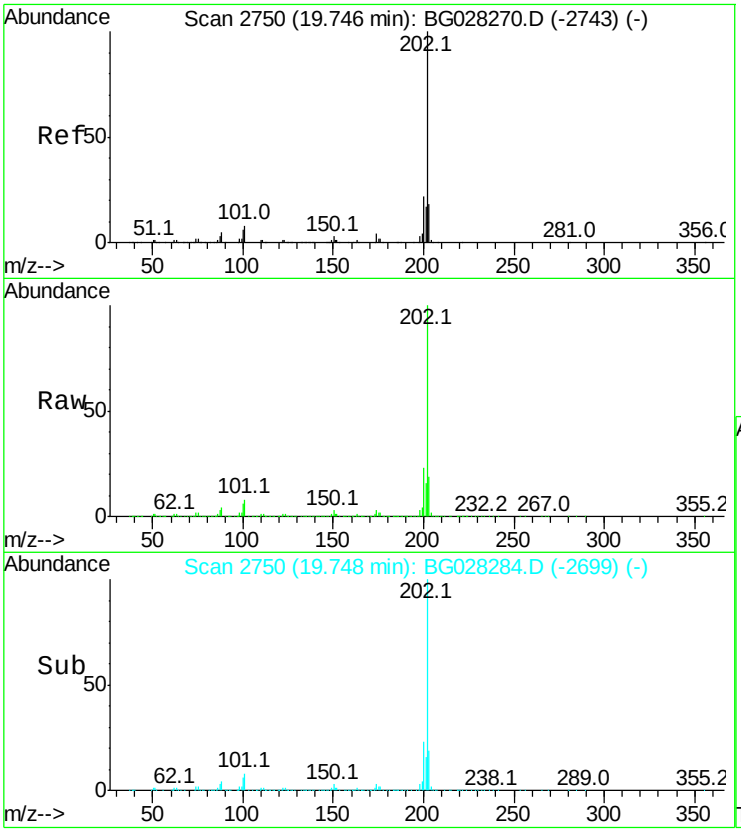


#72
Carbazole
Concen: 6.219 ng/ul
RT: 18.11 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:167 Resp: 88117

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.9	26.9
139	11.8	10.5	15.7



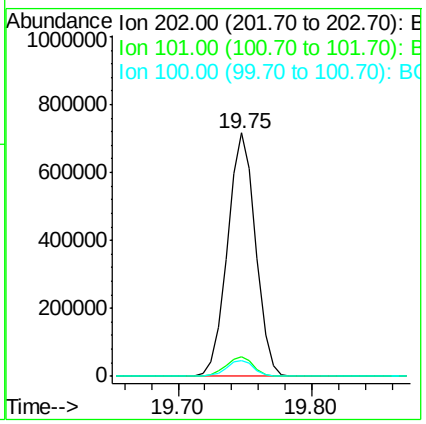


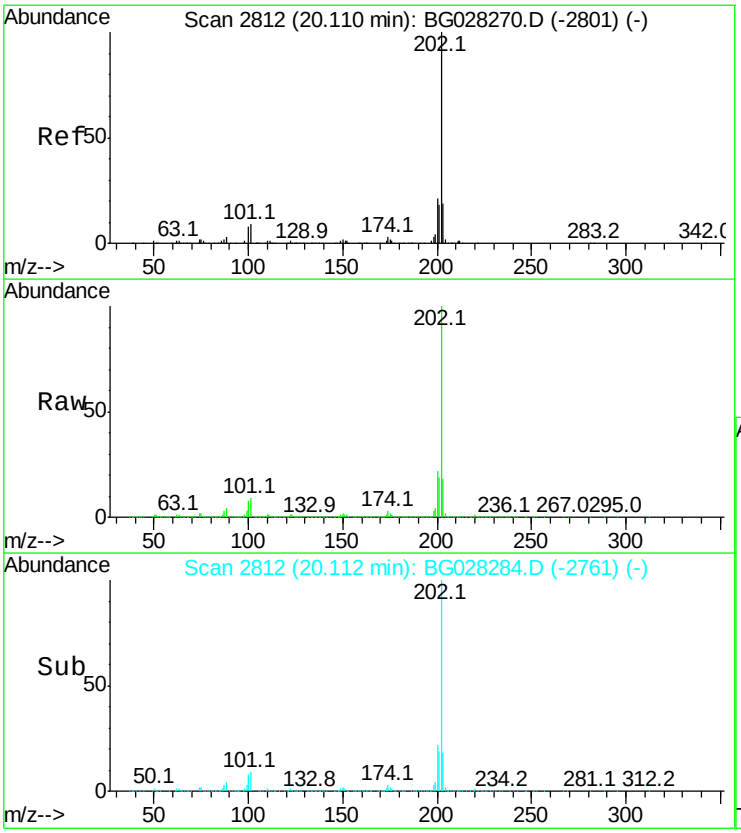
#74
Fluoranthene
Concen: 54.157 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1049251

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	6.3	5.2	7.8

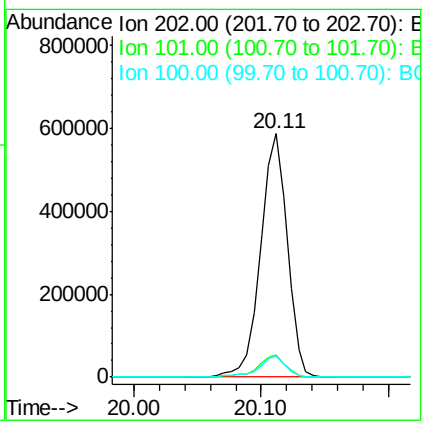


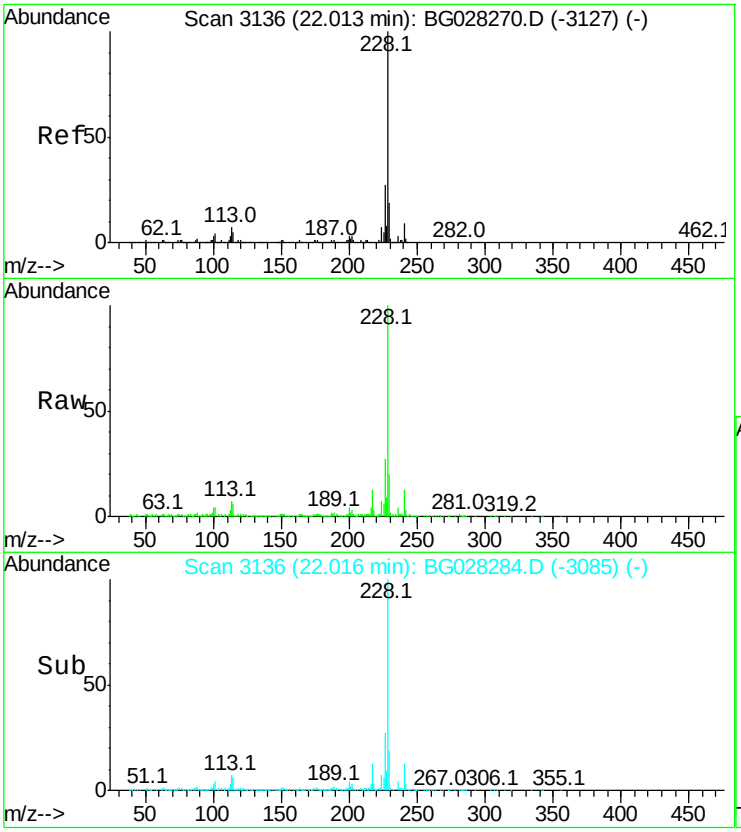


#77
Pyrene
Concen: 35.115 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:202 Resp: 857930

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.9	10.3
100	8.4	6.6	10.0



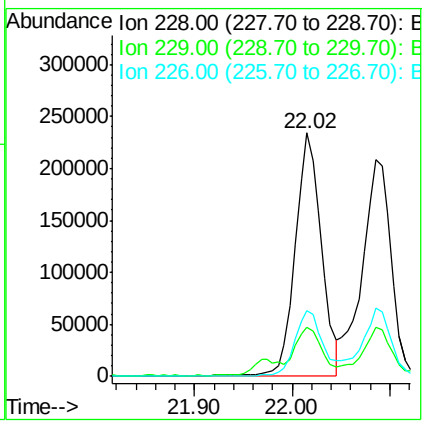


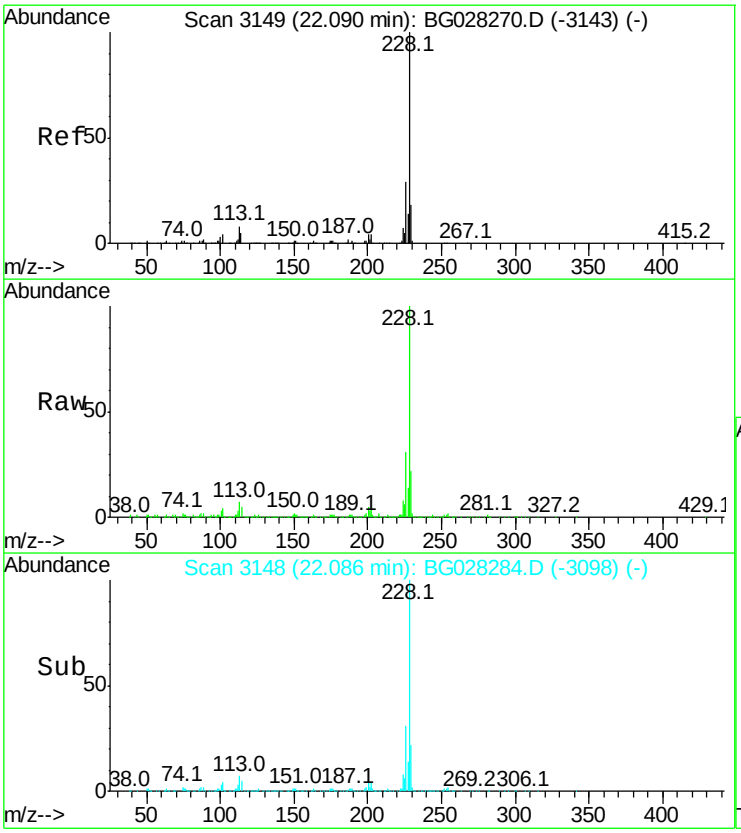
#80
Benzo(a)anthracene
Concen: 18.287 ng/ul
RT: 22.02 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 432703

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	27.1	21.9	32.9

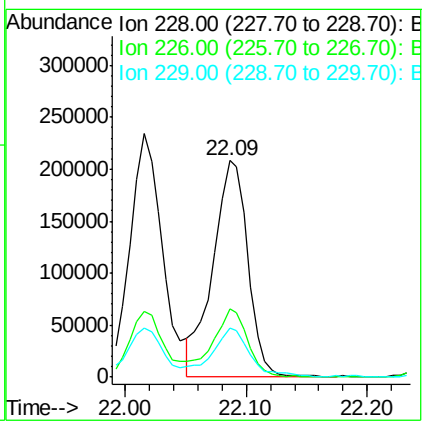


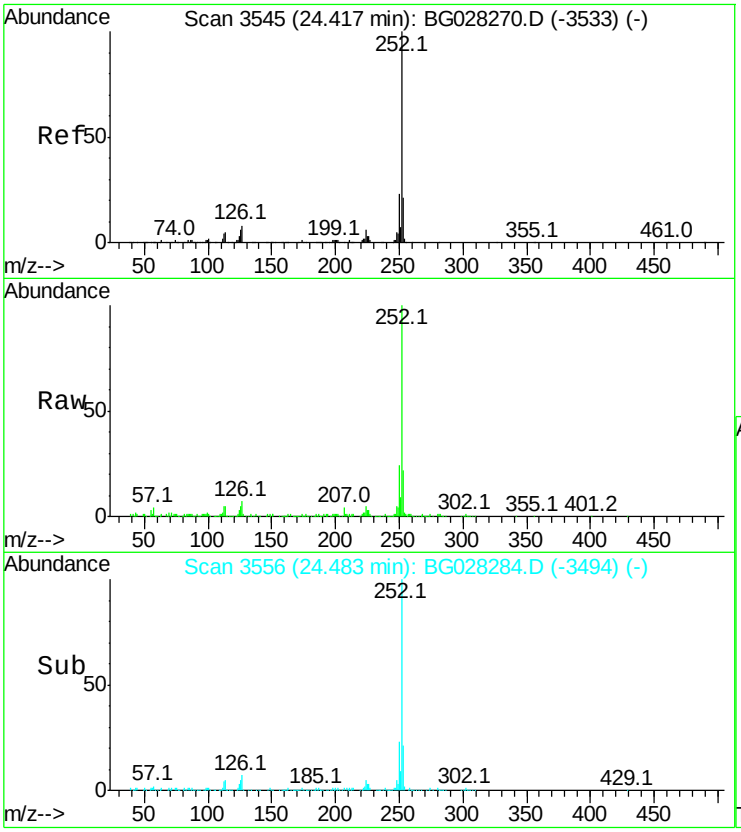


#82
Chrysene
Concen: 19.542 ng/ul
RT: 22.09 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:228 Resp: 416443

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	22.5	16.9	25.3



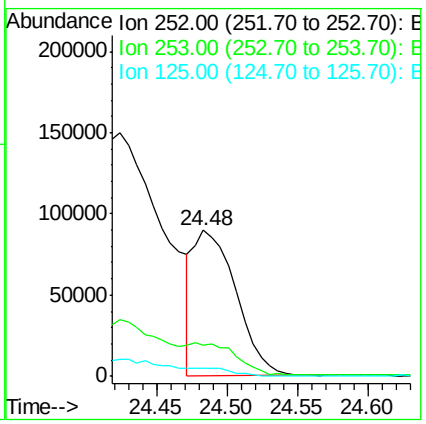


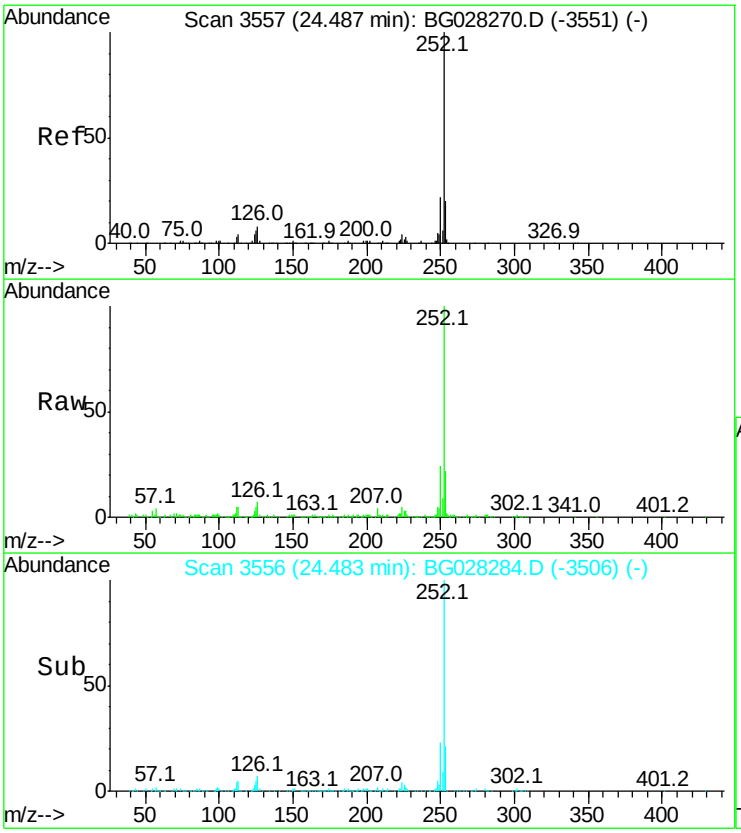
#85
Benzo(b)fluoranthene
Concen: 7.893 ng/ul
RT: 24.48 min Scan# 3556
Delta R.T. 0.07 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 185477

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	5.3	4.0	6.0

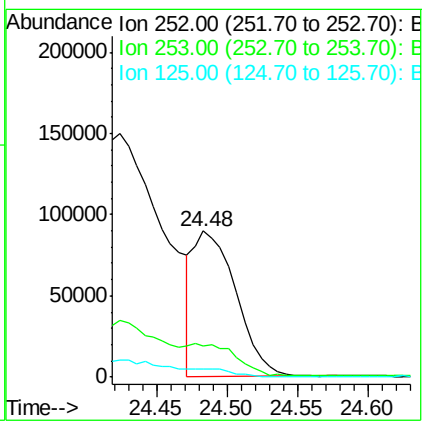


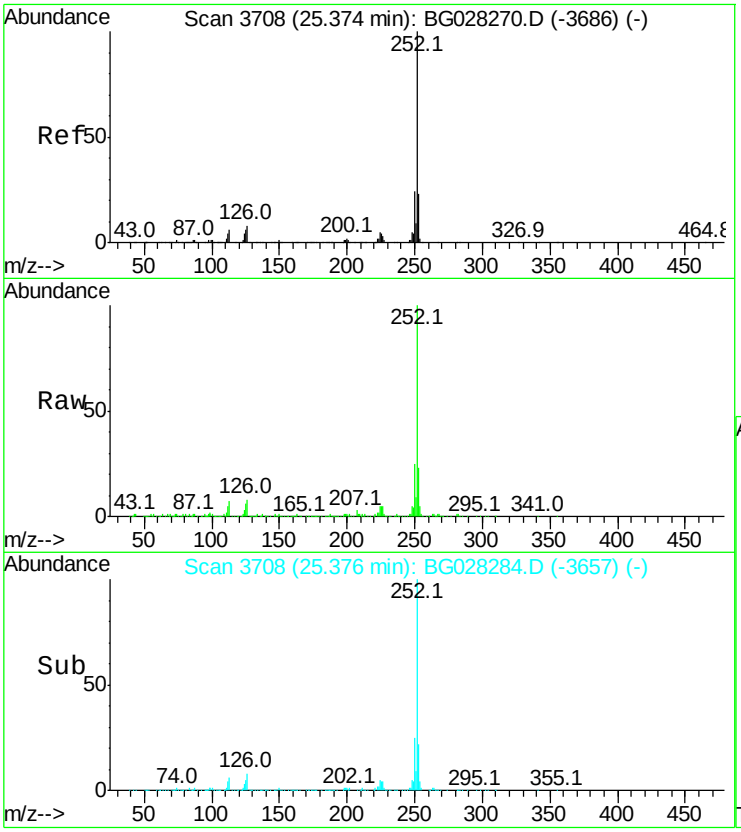


#86
Benzo(k)fluoranthene
Concen: 8.081 ng/ul
RT: 24.48 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:252 Resp: 185477

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	5.3	4.1	6.1



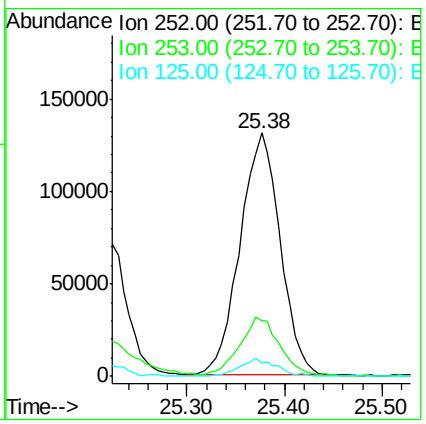


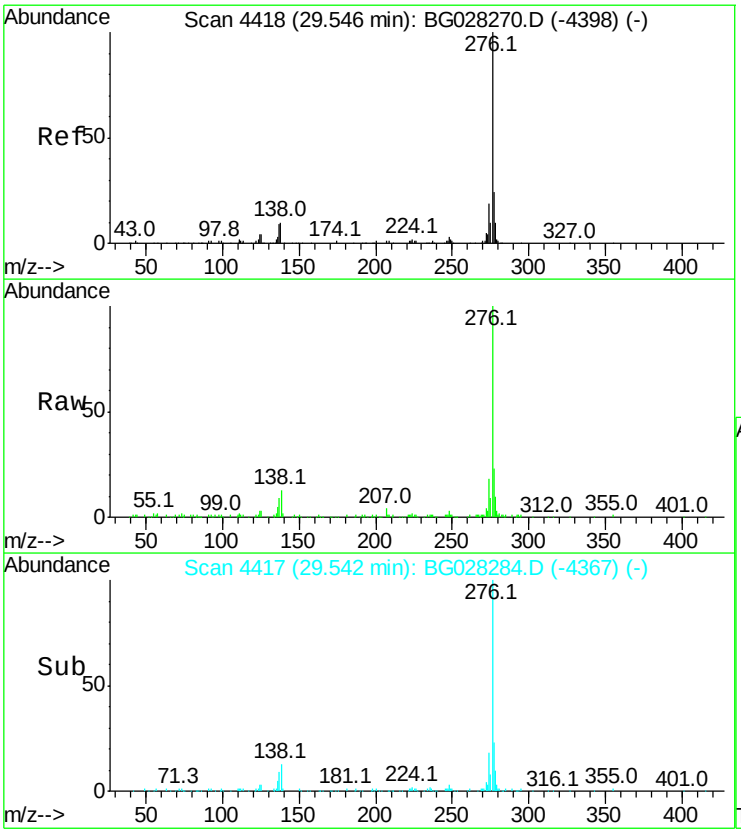
#88
Benzo(a)pyrene
Concen: 16.598 ng/ul
RT: 25.38 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 377645

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	5.7	5.4	8.0

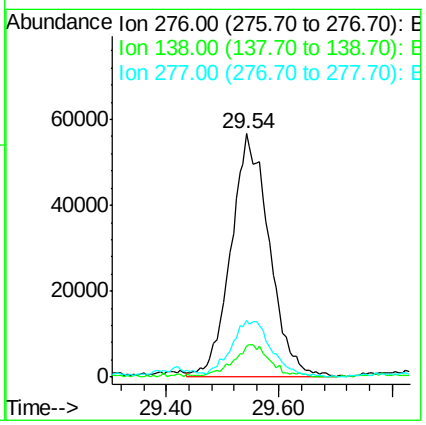


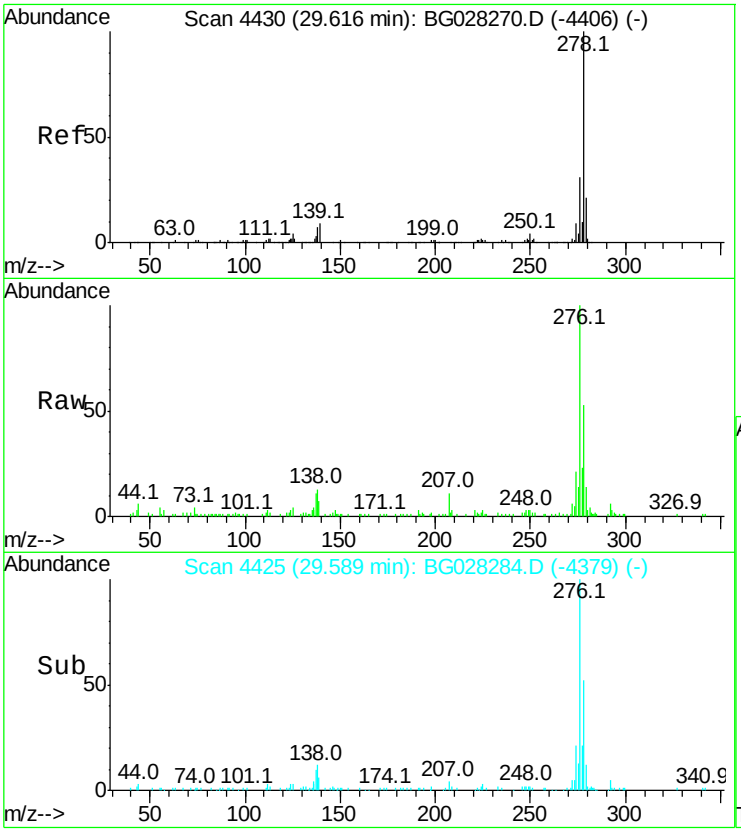


#89
Indeno(1,2,3-cd)pyrene
Concen: 9.947 ng/ul
RT: 29.54 min Scan# 4417
Delta R.T. -0.00 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:276 Resp: 265026

Ion	Ratio	Lower	Upper
276	100		
138	12.9	8.2	12.4#
277	23.4	18.6	28.0



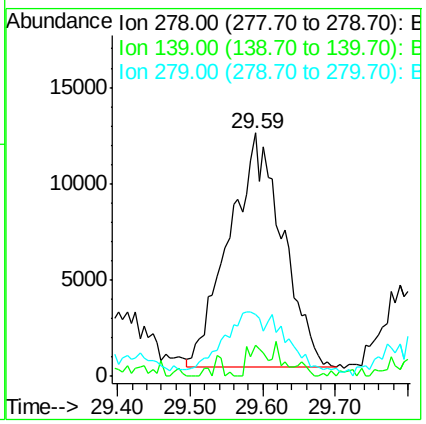


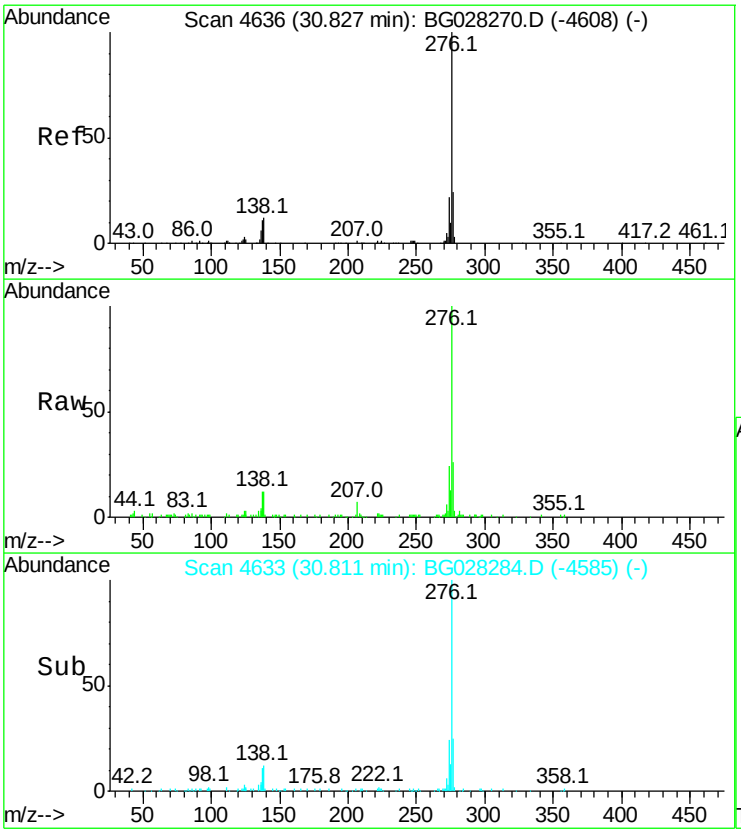
#90
Dibenzo(a,h)anthracene
Concen: 2.797 ng/ul
RT: 29.59 min Scan# 4425
Delta R.T. -0.03 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 62458

Ion	Ratio	Lower	Upper
278	100		
139	13.0	6.7	10.1#
279	25.5	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 9.496 ng/ul
RT: 30.81 min Scan# 4633
Delta R.T. -0.02 min
Lab File: BG028284.D
Acq: 11 Aug 2017 7:53

Tgt Ion:276 Resp: 208144

Ion	Ratio	Lower	Upper
276	100		
138	12.0	8.6	12.8
277	25.6	17.6	26.4