Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Time: Aug 23 07:12:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	46254	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	217859	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	155113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	349863	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	396568	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	397659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	2612	2.63	ng/uL	0.00
5) Phenol-d5	7.50	99	72382	14.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	48949	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	58112	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	45128	10.63	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	33909	19.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	41899	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	72504	18.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	55841	12.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	270966	19.64	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	319270	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	19871	9.06	ng/ul	0.01
57) Fluorene-d10	15.94	176	237649	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	30870	13.58	ng/ul	0.00
70) Anthracene-d10	17.70	188	349863	20.85	ng/ul	-0.10
76) Pyrene-d10	20.08	212	432249	21.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	398168	21.39	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	9711	1.924	ng/ul#	86
44) Dimethylphthalate	14.39	163	111410	8.770	ng/ul	98
69) Phenanthrene	17.74	178	193794	11.007	ng/ul	97
71) Anthracene	17.74	178	193794	10.769	ng/ul	98
72) Carbazole	18.11	167	23248	1.485	ng/ul	98
74) Fluoranthene	19.75	202	640247	29.921	ng/ul	98
77) Pyrene	20.11	202	509261	21.525	ng/ul	99
80) Benzo(a)anthracene	22.01	228	285231	12.448	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.87	149	15052	1.194	ng/ul	98
82) Chrysene	22.08	228	353926	17.151	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	496393	20.860	ng/ul	95
86) Benzo(k)fluoranthene	24.42	252	496393	21.355	ng/ul	97
88) Benzo(a)pyrene	25.37	252	297531	12.913	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.56	276	221802	8.221	ng/ul#	93
91) Benzo(g,h,i)perylene	30.84	276	200381	9.027	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028438.D
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Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
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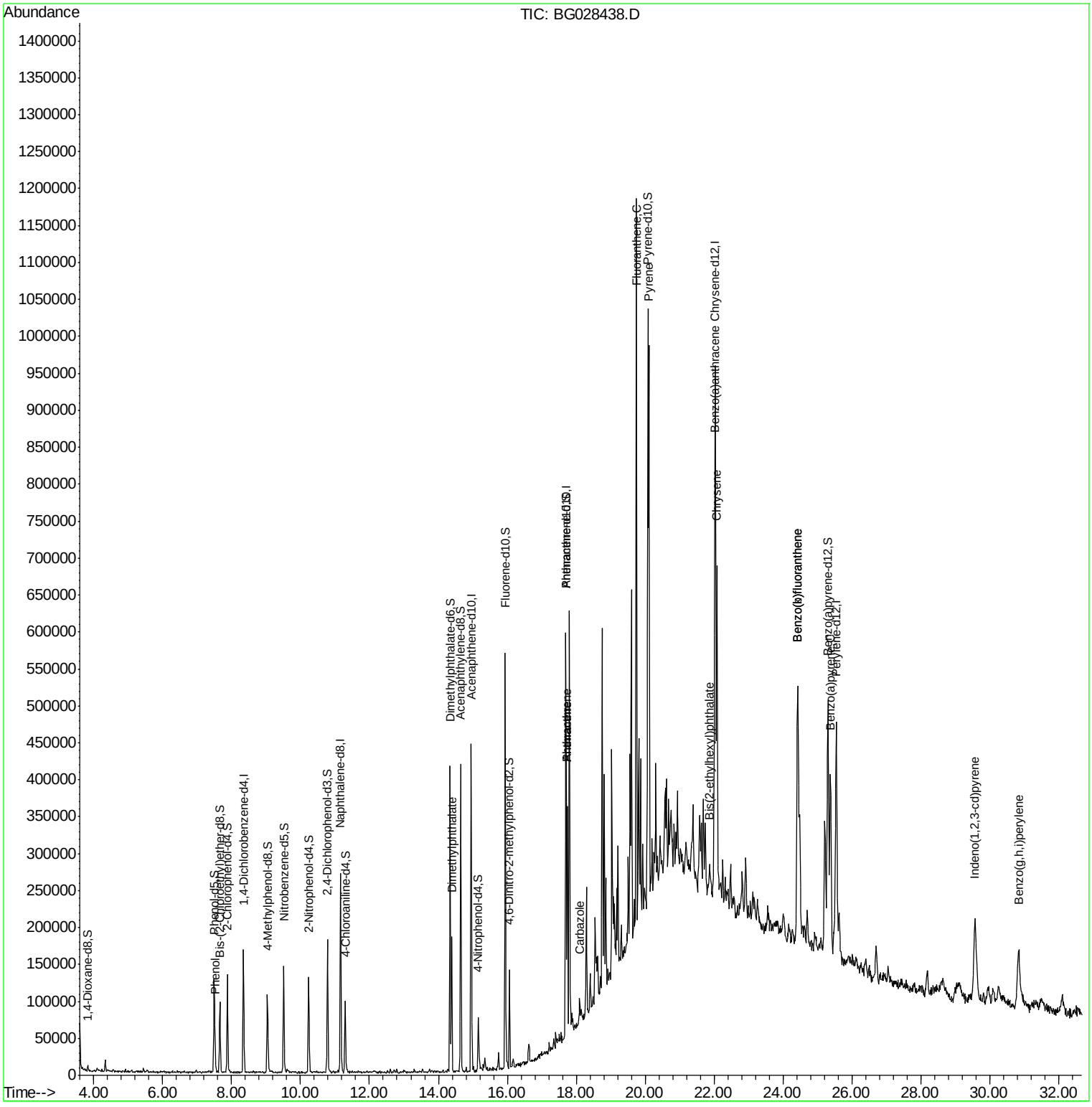
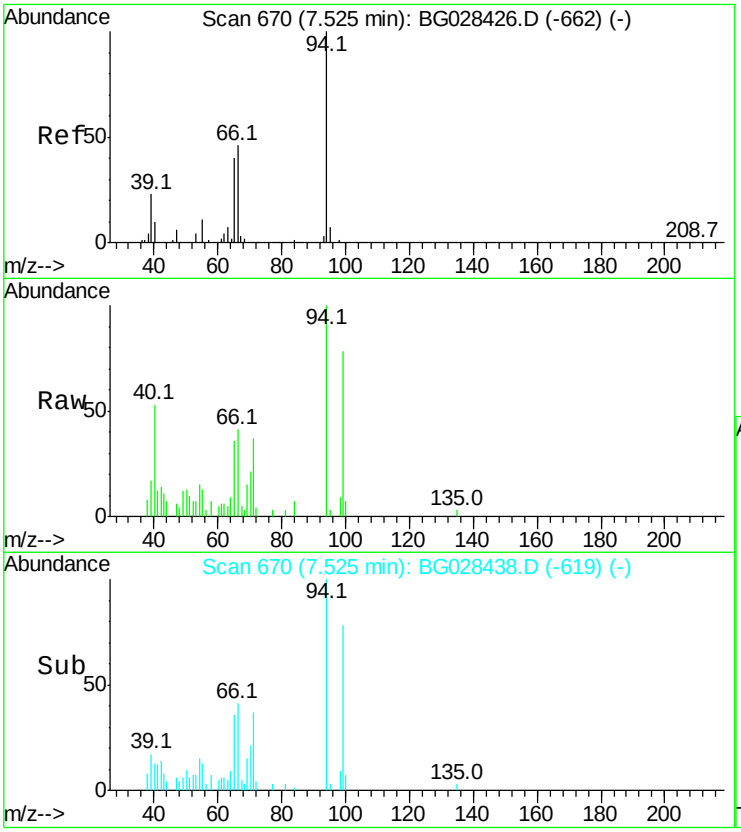
Quant Time: Aug 23 07:12:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



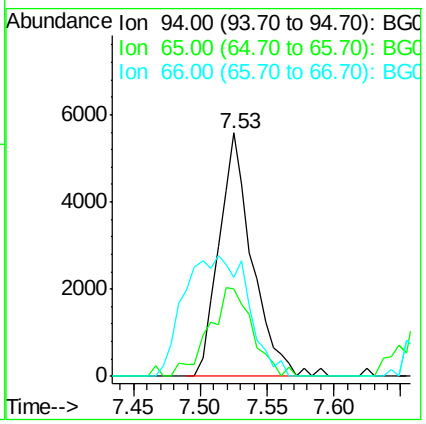


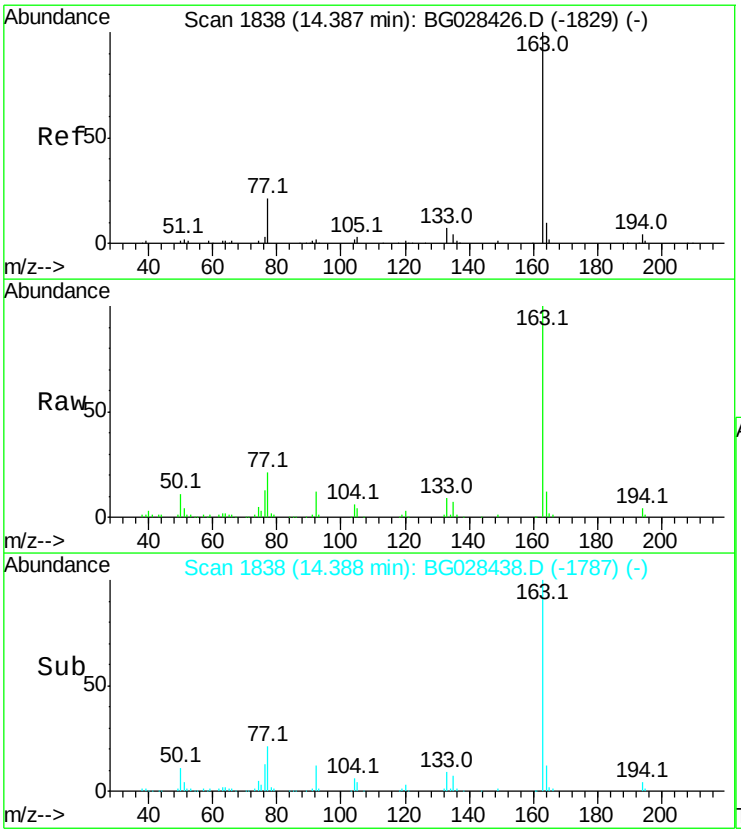
#6
Phenol
Concen: 1.924 ng/ul
RT: 7.53 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion: 94 Resp: 9711

Ion	Ratio	Lower	Upper
94	100		
65	36.1	26.8	40.2
66	40.7	44.4	66.6#

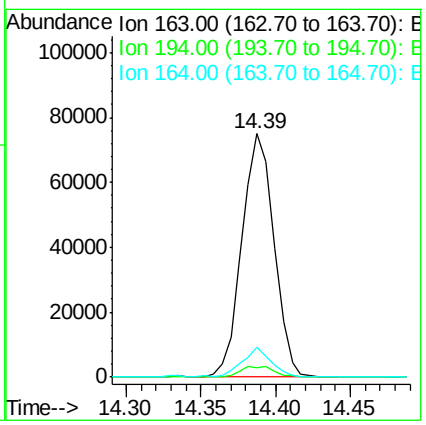


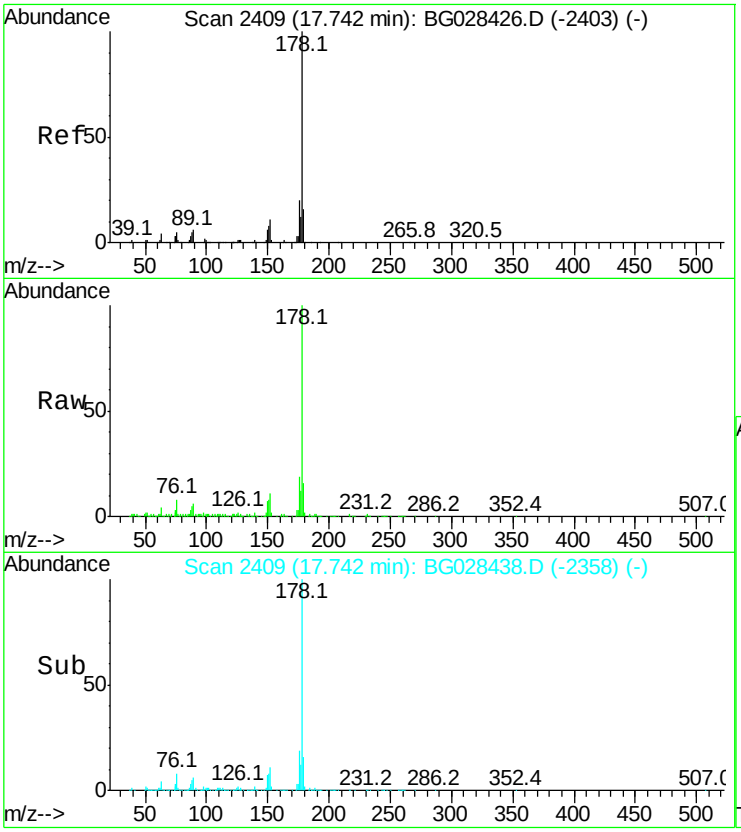


#44
Dimethylphthalate
Concen: 8.770 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:163 Resp: 111410

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	12.0	9.0	13.4



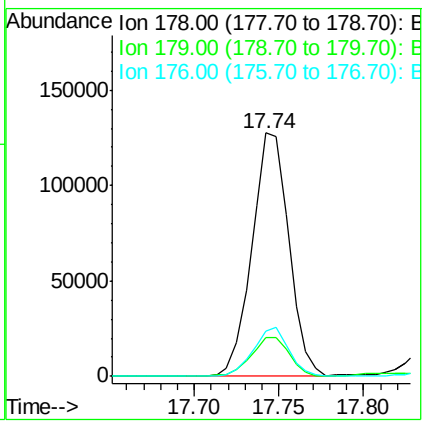


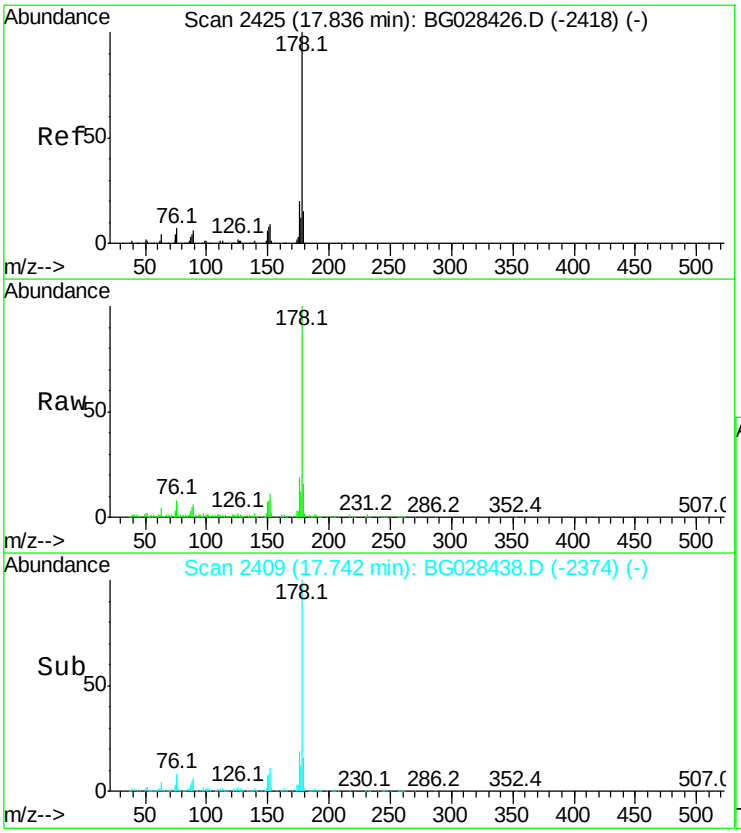
#69
Phenanthrene
Concen: 11.007 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:178 Resp: 193794

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	18.7	16.5	24.7

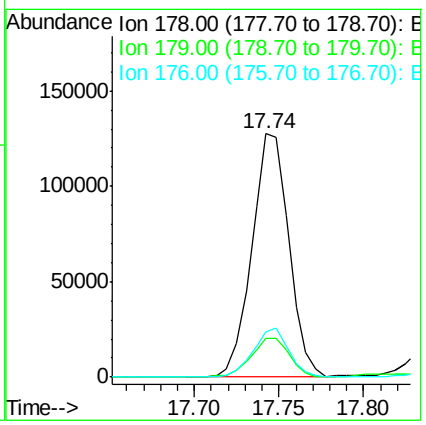


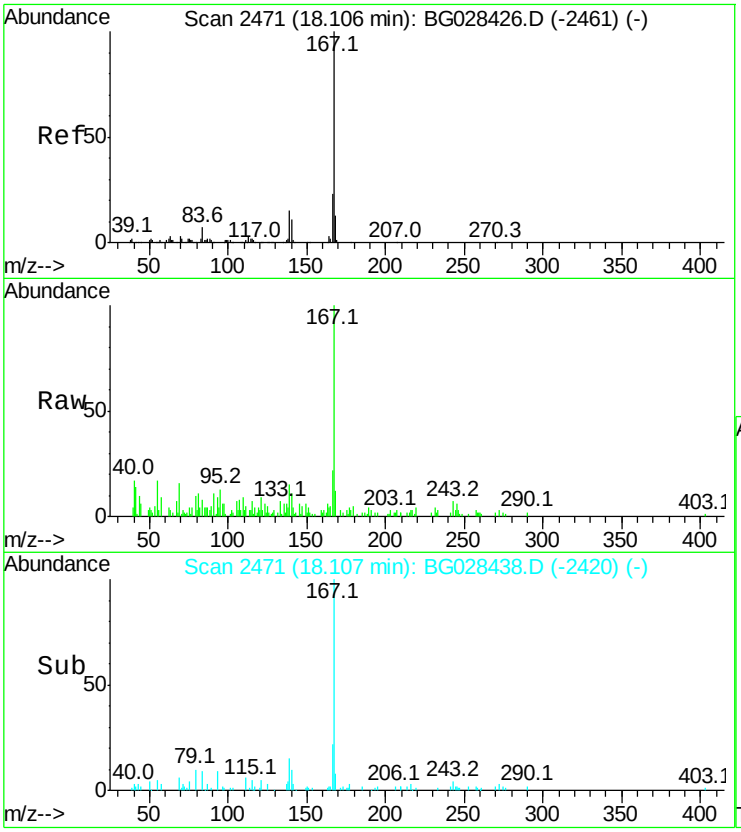


#71
Anthracene
Concen: 10.769 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. -0.09 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:178 Resp: 193794

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	18.7	15.9	23.9



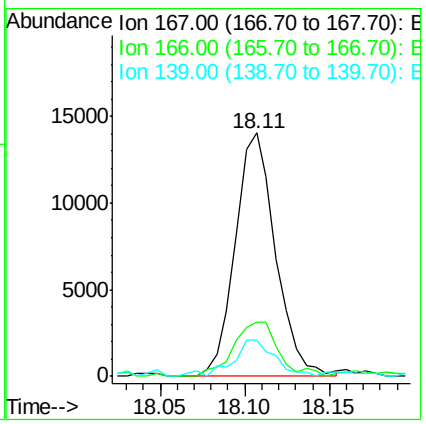


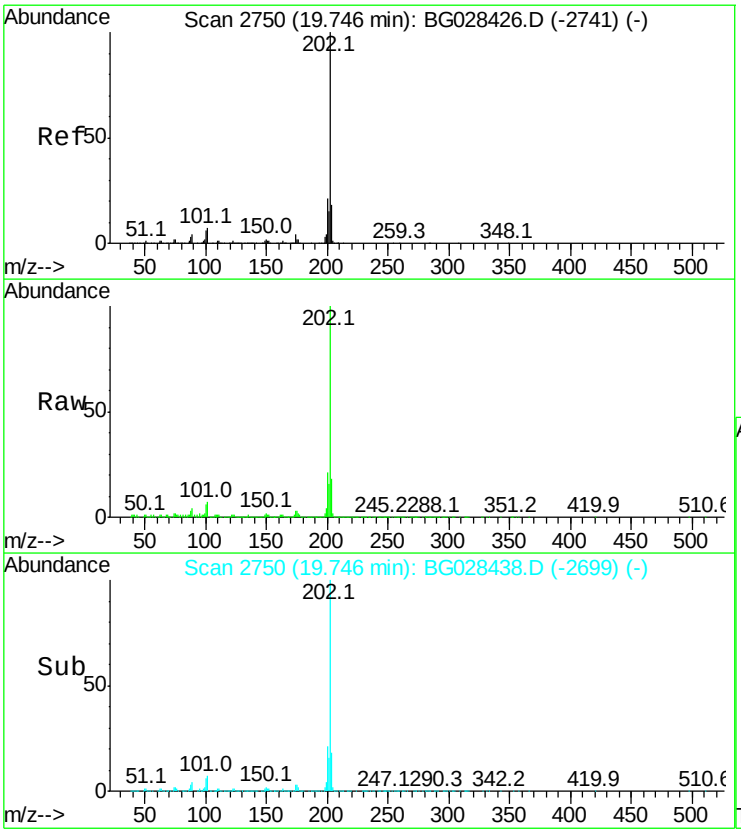
#72
Carbazole
Concen: 1.485 ng/ul
RT: 18.11 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:167 Resp: 23248

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	15.0	10.5	15.7

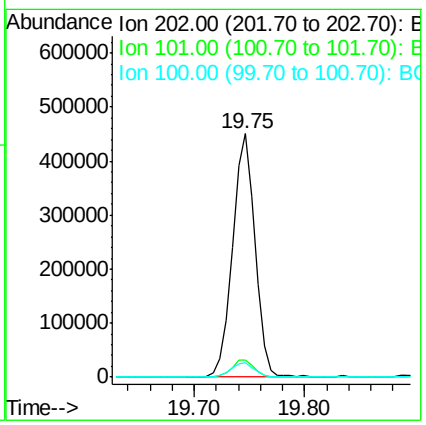


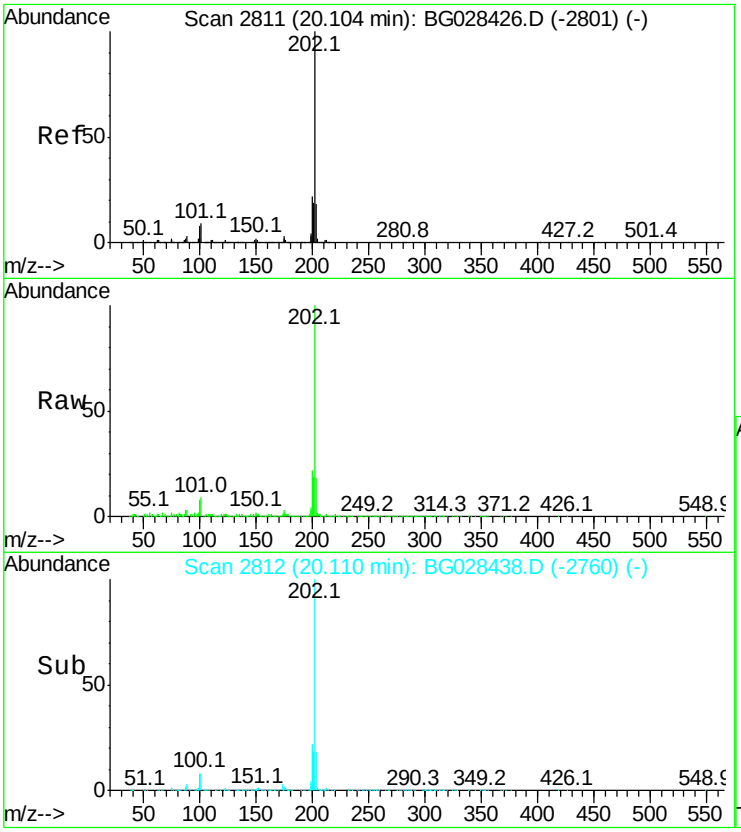


#74
Fluoranthene
Concen: 29.921 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:202 Resp: 640247

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.2
100	6.0	5.2	7.8



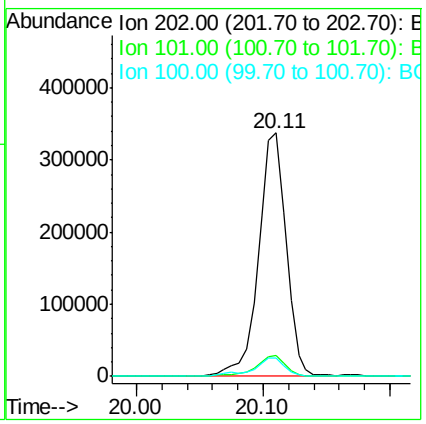


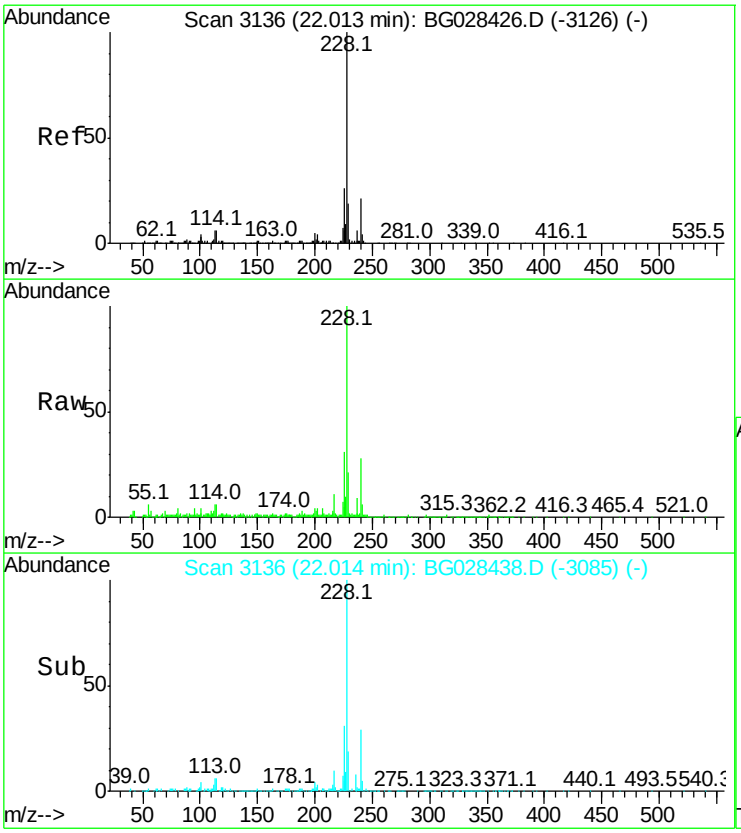
#77
Pyrene
Concen: 21.525 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:202 Resp: 509261

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	7.8	6.6	10.0

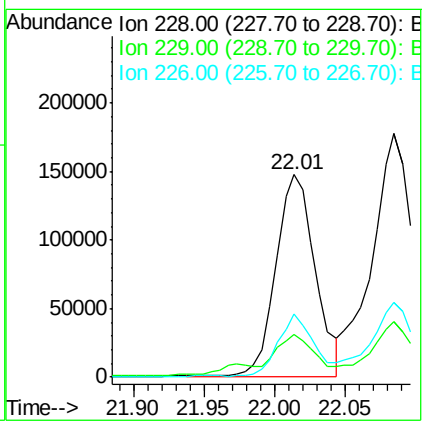


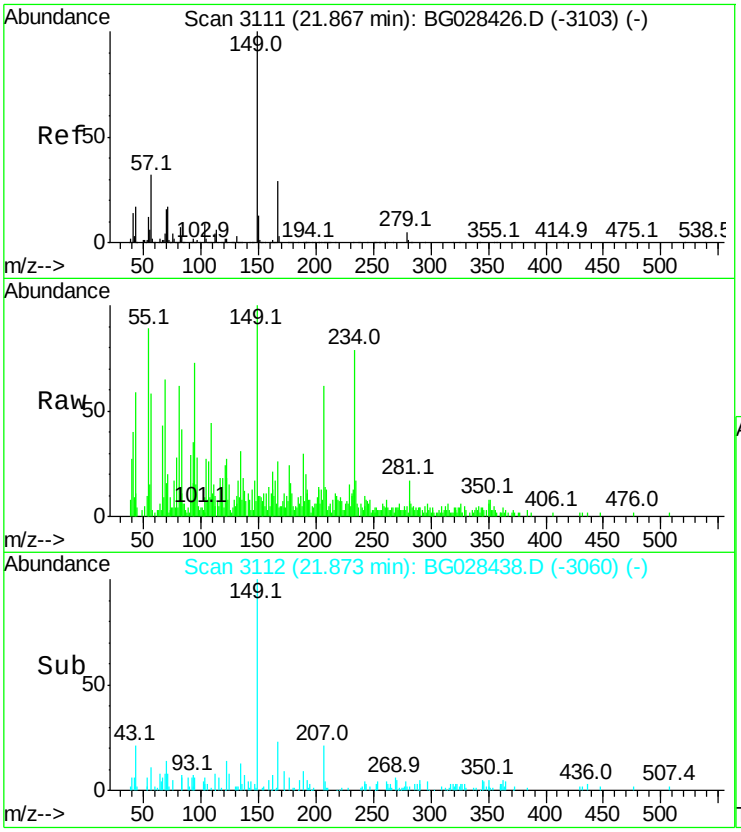


#80
Benzo(a)anthracene
Concen: 12.448 ng/ul
RT: 22.01 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:228 Resp: 285231

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	31.3	21.9	32.9



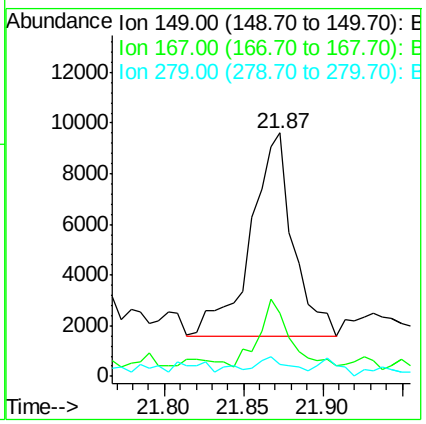


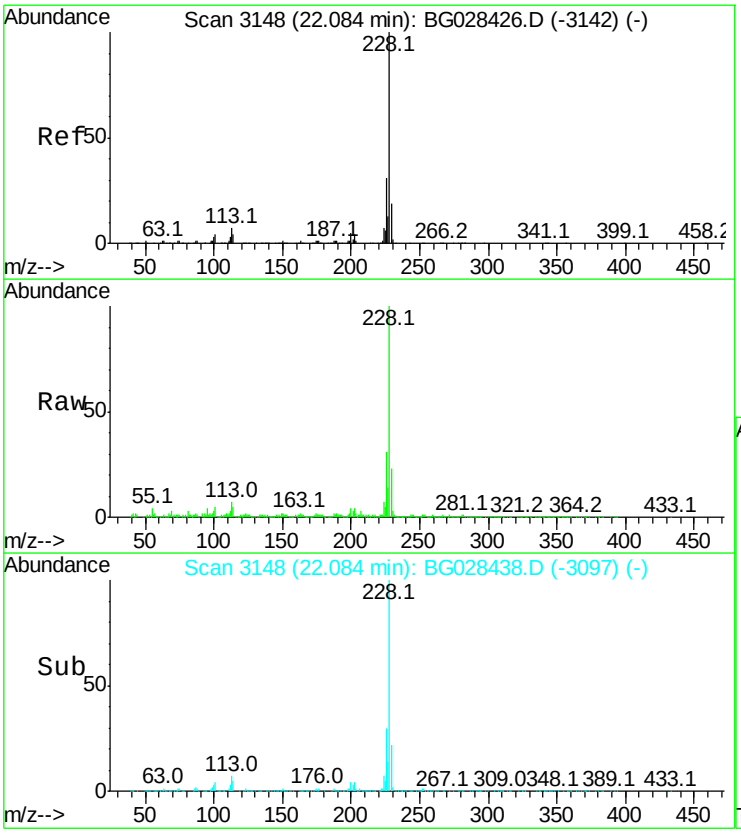
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.194 ng/ul
RT: 21.87 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:149 Resp: 15052

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.8
279	5.1	4.5	6.7

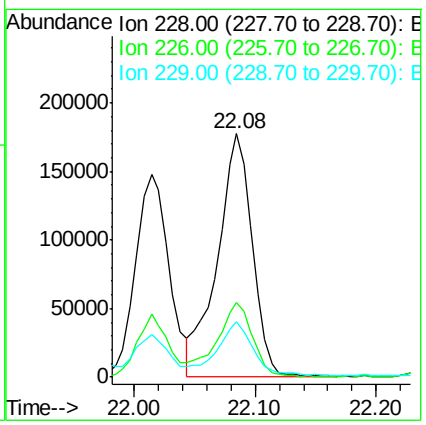


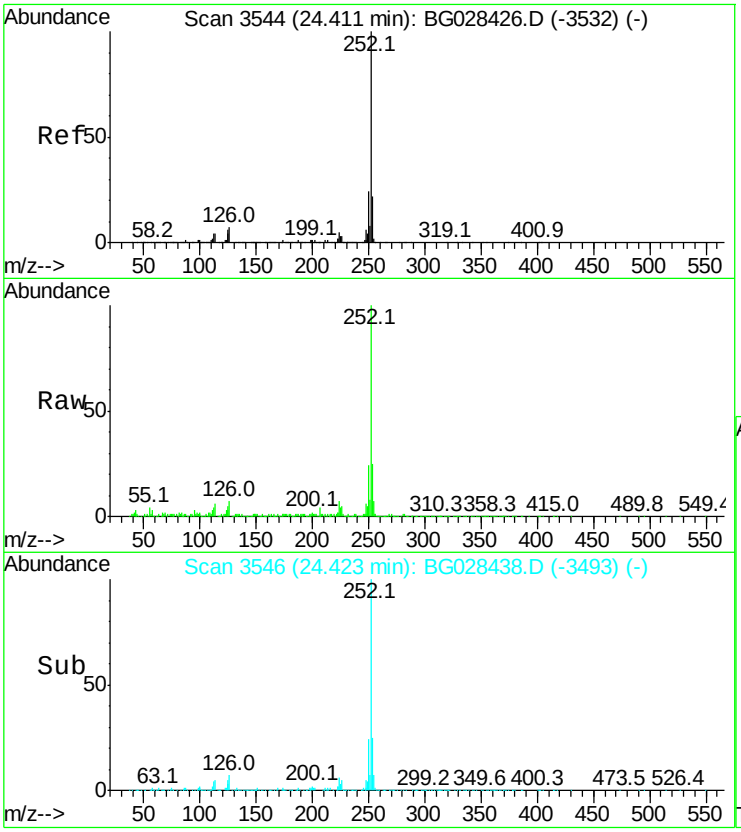


#82
Chrysene
Concen: 17.151 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:228 Resp: 353926

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.7	16.9	25.3



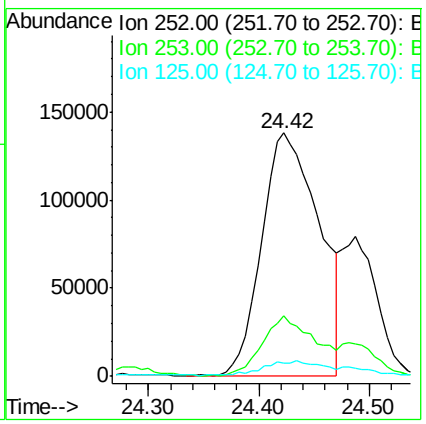


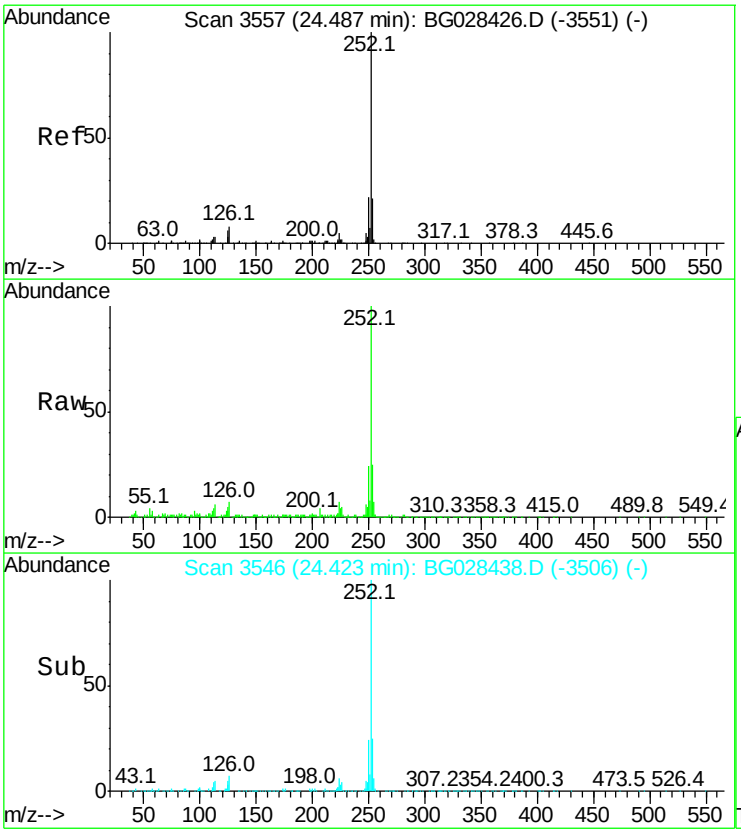
#85
Benzo(b)fluoranthene
Concen: 20.860 ng/ul
RT: 24.42 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:252 Resp: 496393

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.7	26.5
125	5.3	4.0	6.0

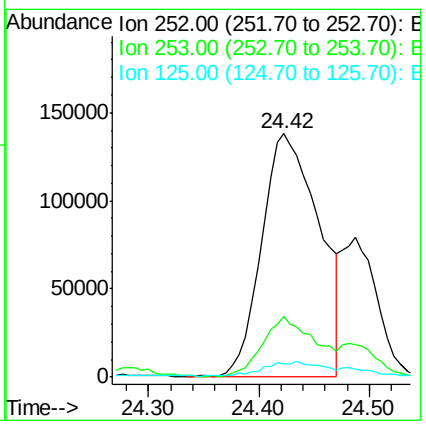


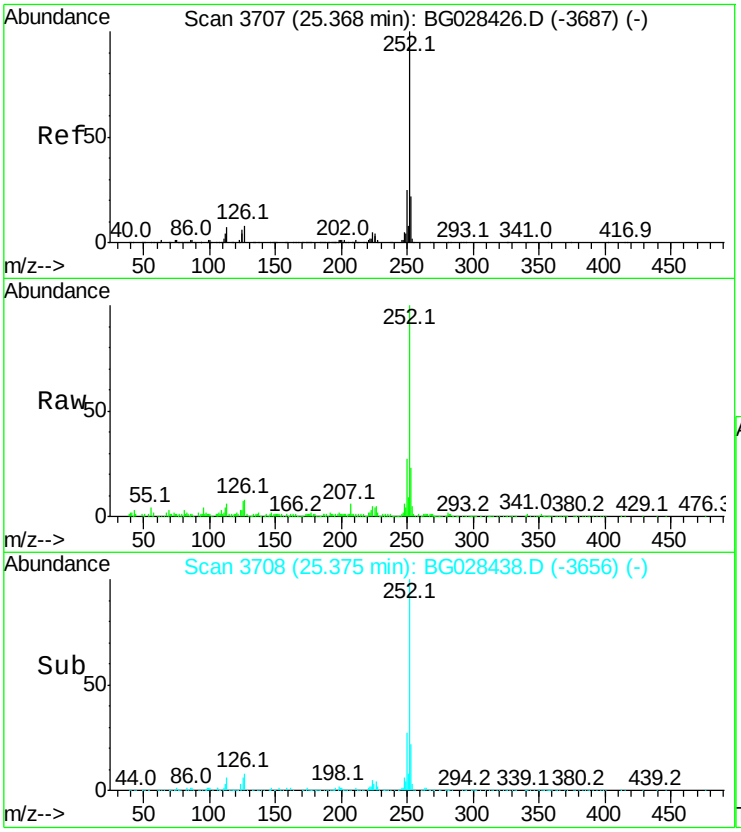


#86
Benzo(k)fluoranthene
Concen: 21.355 ng/ul
RT: 24.42 min Scan# 3546
Delta R.T. -0.06 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:252 Resp: 496393

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	5.3	4.1	6.1



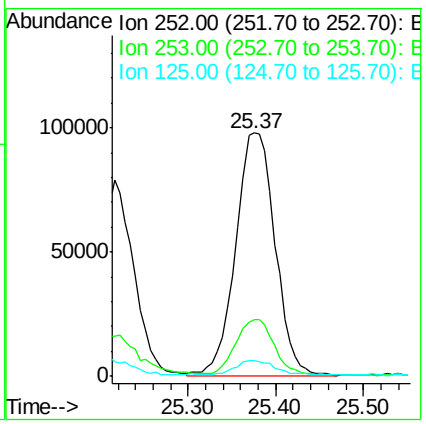


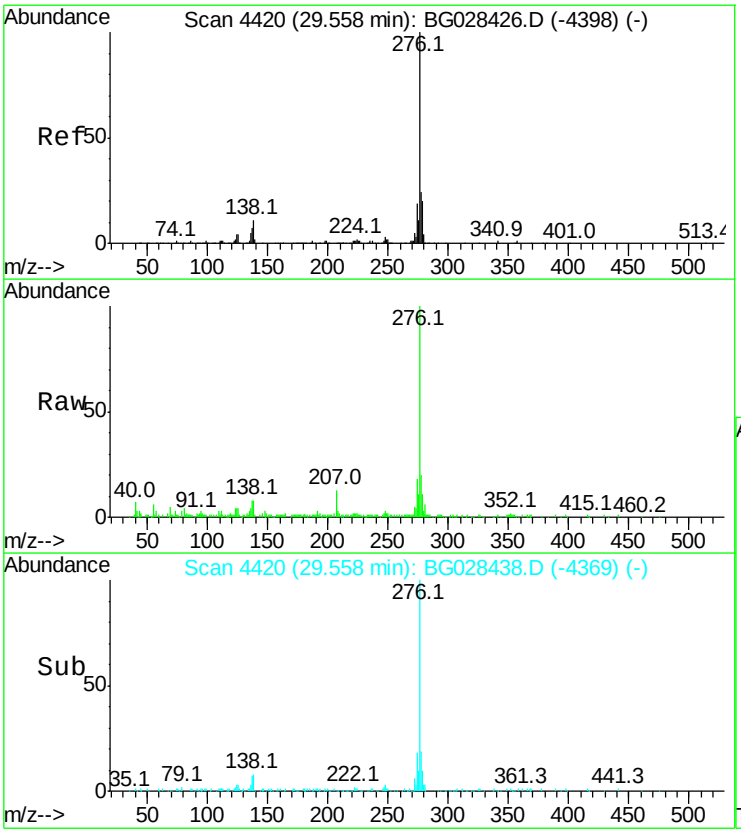
#88
Benzo(a)pyrene
Concen: 12.913 ng/ul
RT: 25.37 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:252 Resp: 297531

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	6.6	5.4	8.0

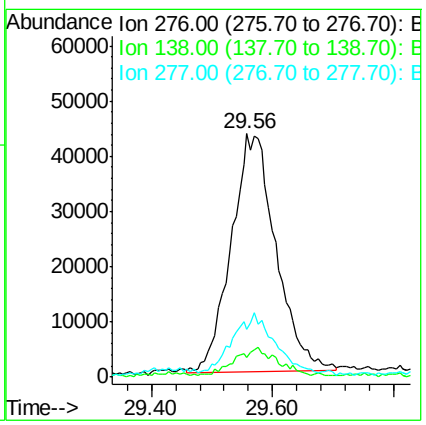


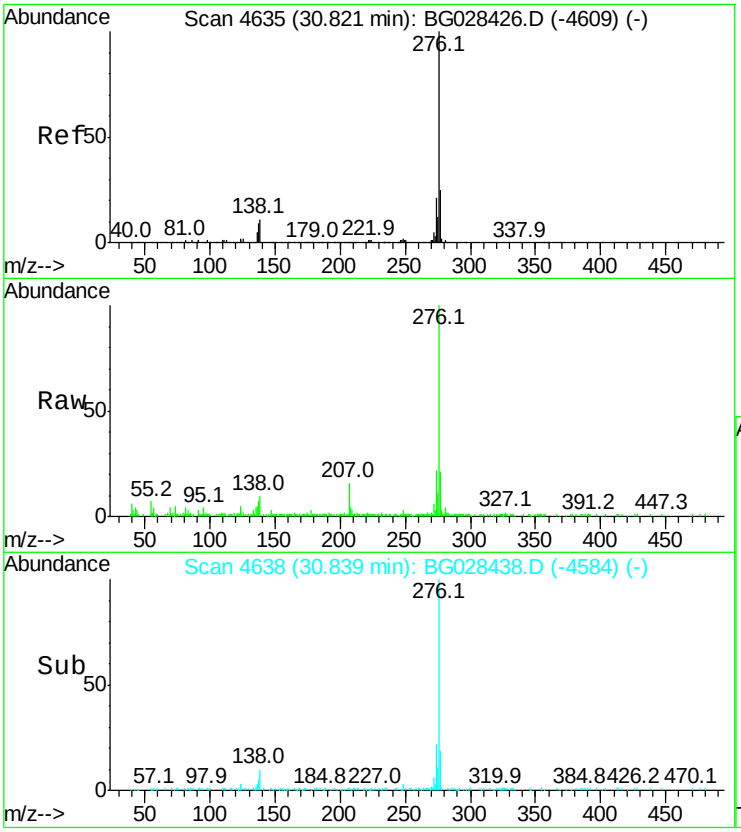


#89
Indeno(1,2,3-cd)pyrene
Concen: 8.221 ng/ul
RT: 29.56 min Scan# 4420
Delta R.T. 0.00 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Tgt Ion:276 Resp: 221802

Ion	Ratio	Lower	Upper
276	100		
138	8.1	8.2	12.4#
277	19.6	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 9.027 ng/ul
RT: 30.84 min Scan# 4638
Delta R.T. 0.02 min
Lab File: BG028438.D
Acq: 23 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
E7GD0

Tgt Ion:276 Resp: 200381

Ion	Ratio	Lower	Upper
276	100		
138	10.1	8.6	12.8
277	20.9	17.6	26.4