Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD2

Quant Time: Aug 23 07:14:00 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	49123	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	226802	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	154895	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	350127	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	403853	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	394012	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3605	3.42	ng/uL	0.00
5) Phenol-d5	7.50	99	104818	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	59548	17.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	75004	22.04	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	88701	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	39454	22.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49310	25.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	95538	23.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	73415	16.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	311953	22.64	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	354249	22.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	24333	11.11	ng/ul	0.01
57) Fluorene-d10	15.94	176	262186	21.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	25250	11.10	ng/ul	0.00
70) Anthracene-d10	17.81	188	394742	23.51	ng/ul	0.00
76) Pyrene-d10	20.08	212	458494	22.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	440260	23.87	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.52	94	10851	2.024	ng/ul	93
44) Dimethylphthalate	14.39	163	112684	8.883	ng/ul	97
69) Phenanthrene	17.75	178	440057	24.974	ng/ul	99
71) Anthracene	17.75	178	440057	24.436	ng/ul	98
72) Carbazole	18.11	167	71586	4.571	ng/ul	94
74) Fluoranthene	19.74	202	1229690	57.425	ng/ul	100
77) Pyrene	20.11	202	950636	39.455	ng/ul	99
80) Benzo(a)anthracene	22.02	228	377620	16.183	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	12894	1.004	ng/ul#	92
82) Chrysene	22.09	228	529432	25.193	ng/ul	98
85) Benzo(b)fluoranthene	24.43	252	711384	30.171	ng/ul#	97
86) Benzo(k)fluoranthene	24.43	252	711384	30.888	ng/ul#	98
88) Benzo(a)pyrene	25.38	252	429322	18.806	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	303048	11.336	ng/ul#	97
90) Dibenzo(a,h)anthracene	29.63	278	63441	2.831	ng/ul#	96
91) Benzo(g,h,i)perylene	30.85	276	269295	12.244	ng/ul	94

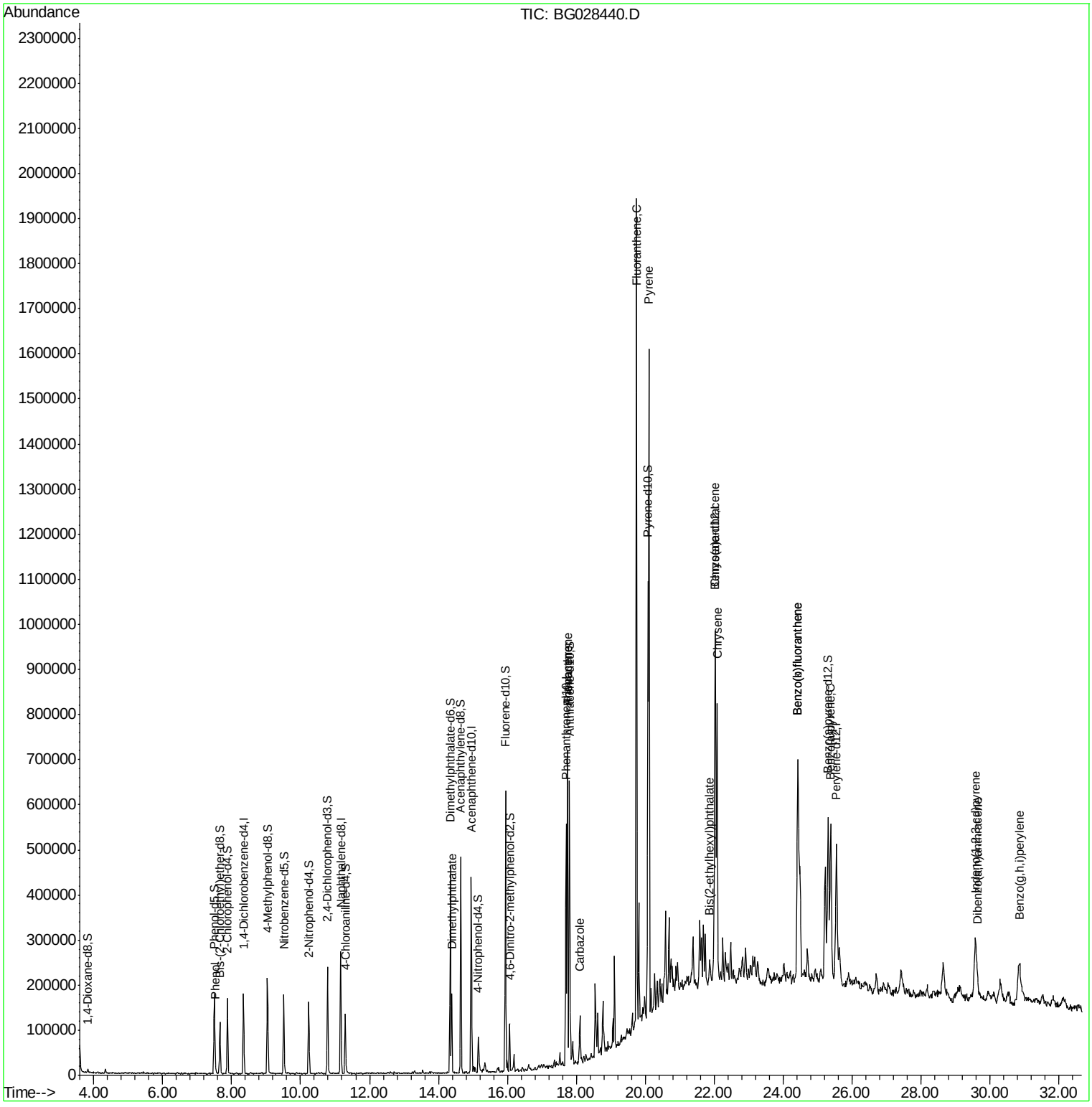
(#) = qualifier out of range (m) = manual integration (+) = signals summed

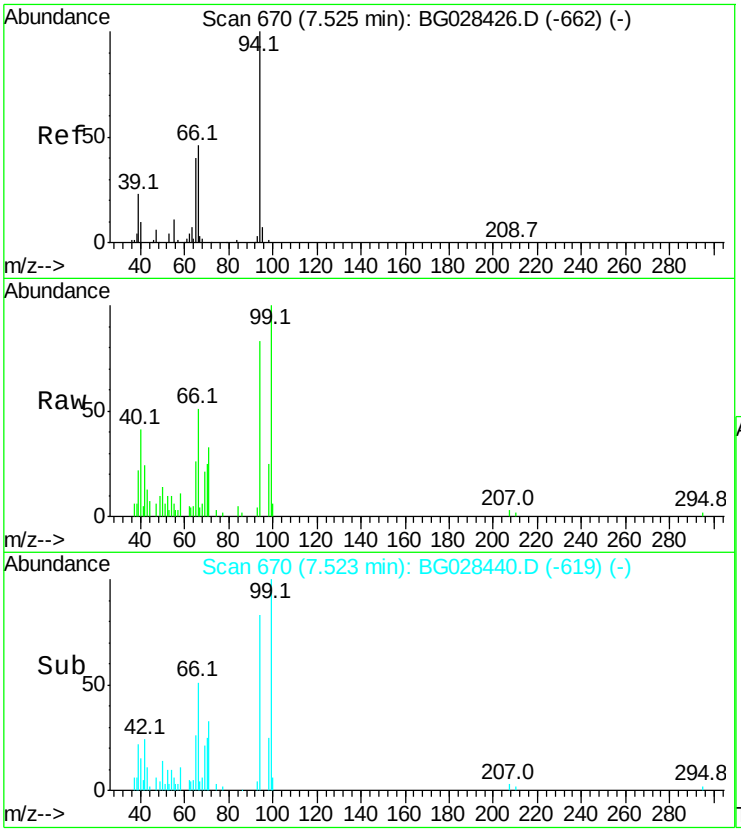
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GD2

Quant Time: Aug 23 07:14:00 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



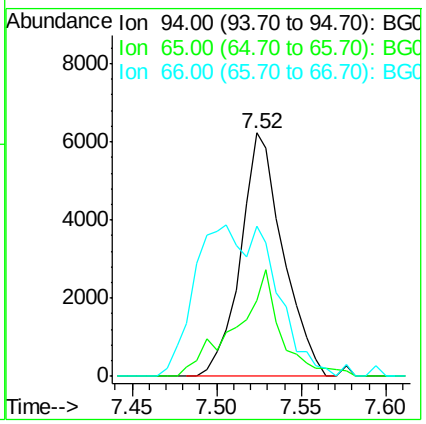


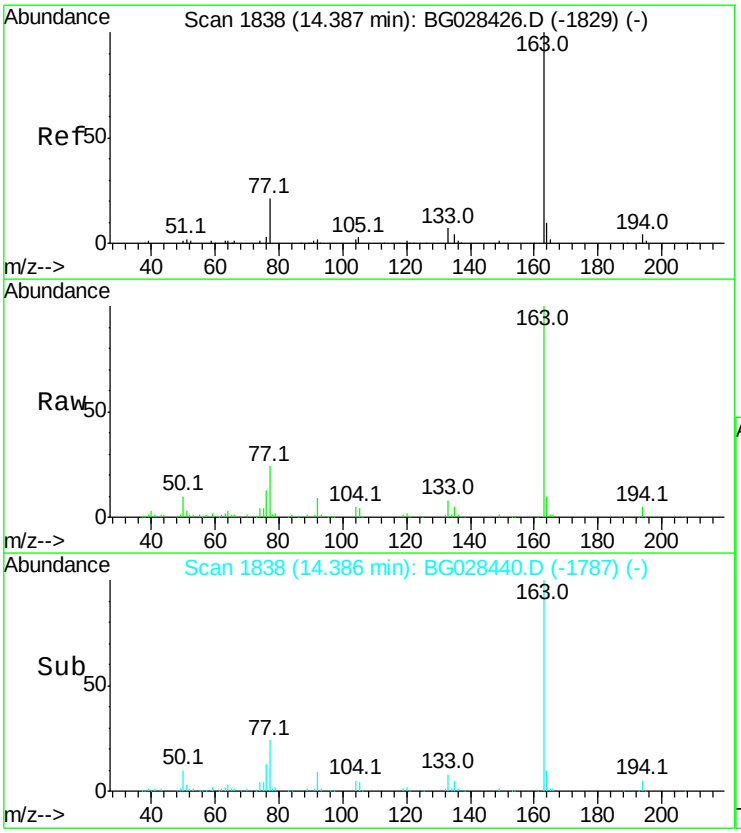
#6
Phenol
Concen: 2.024 ng/ul
RT: 7.52 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion: 94 Resp: 10851

Ion	Ratio	Lower	Upper
94	100		
65	31.1	26.8	40.2
66	61.8	44.4	66.6

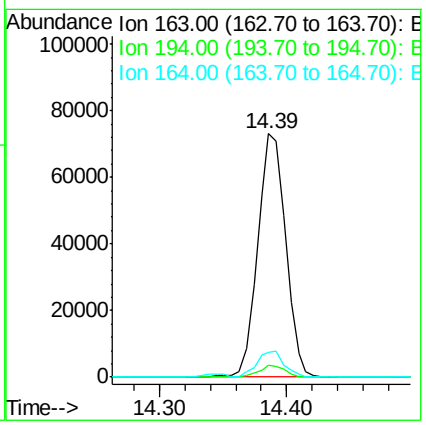


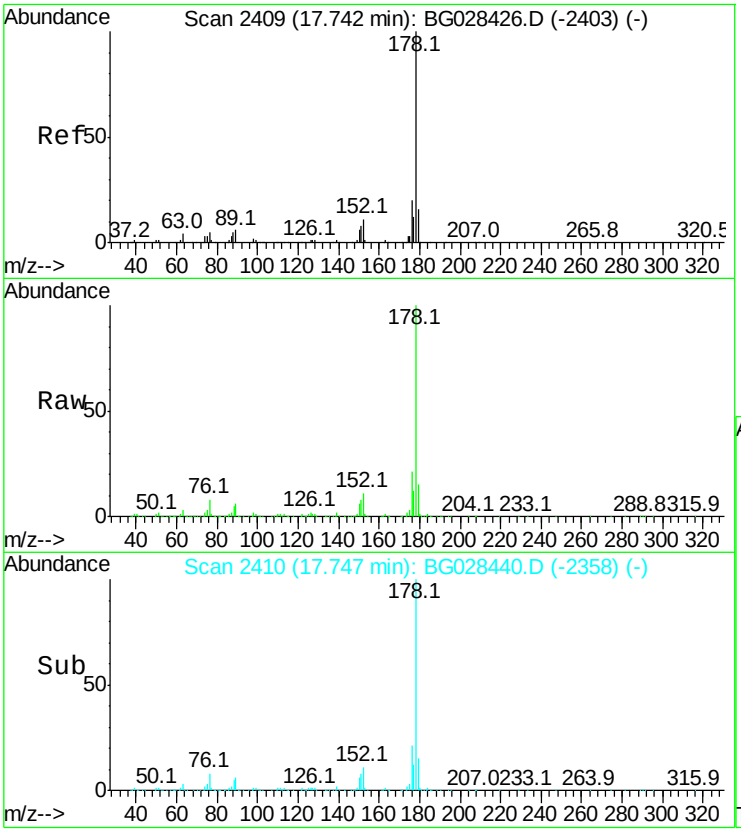


#44
Dimethylphthalate
Concen: 8.883 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:163 Resp: 112684

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	9.9	9.0	13.4



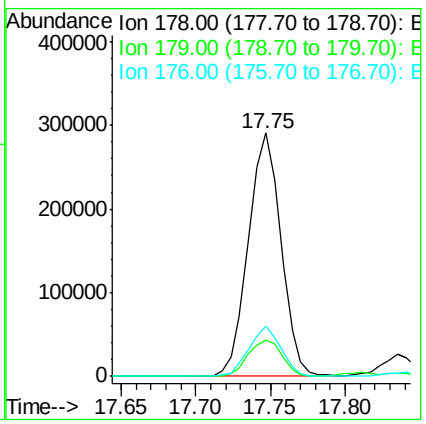


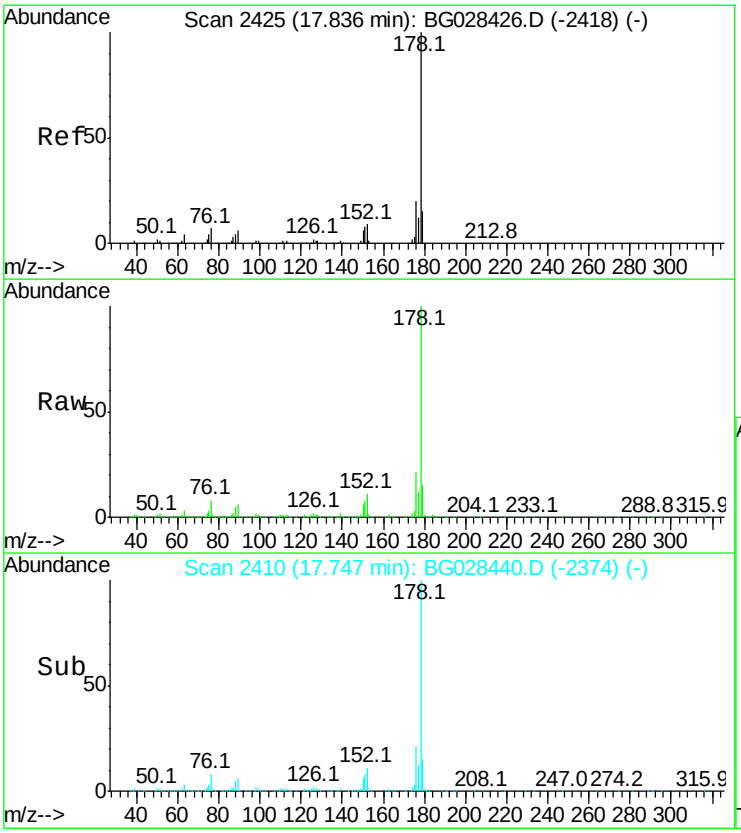
#69
Phenanthrene
Concen: 24.974 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:178 Resp: 440057

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.4	18.6
176	20.8	16.5	24.7

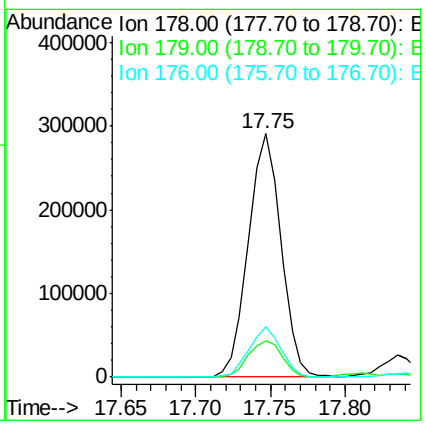


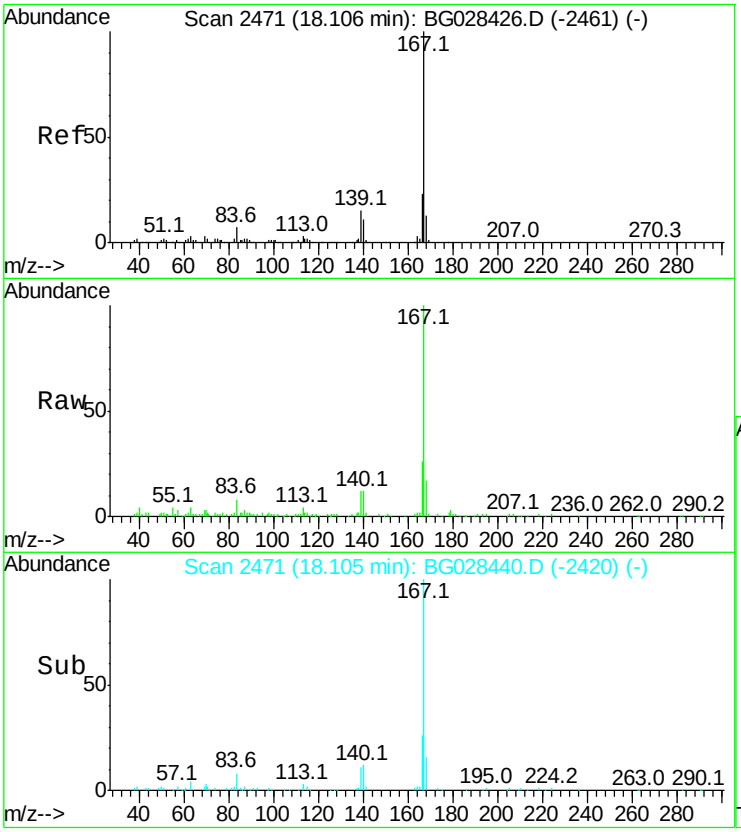


#71
Anthracene
Concen: 24.436 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. -0.09 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:178 Resp: 440057

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	20.8	15.9	23.9



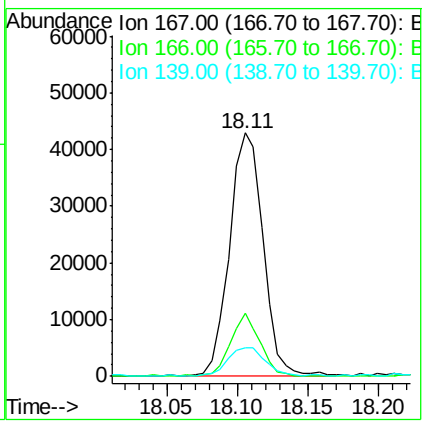


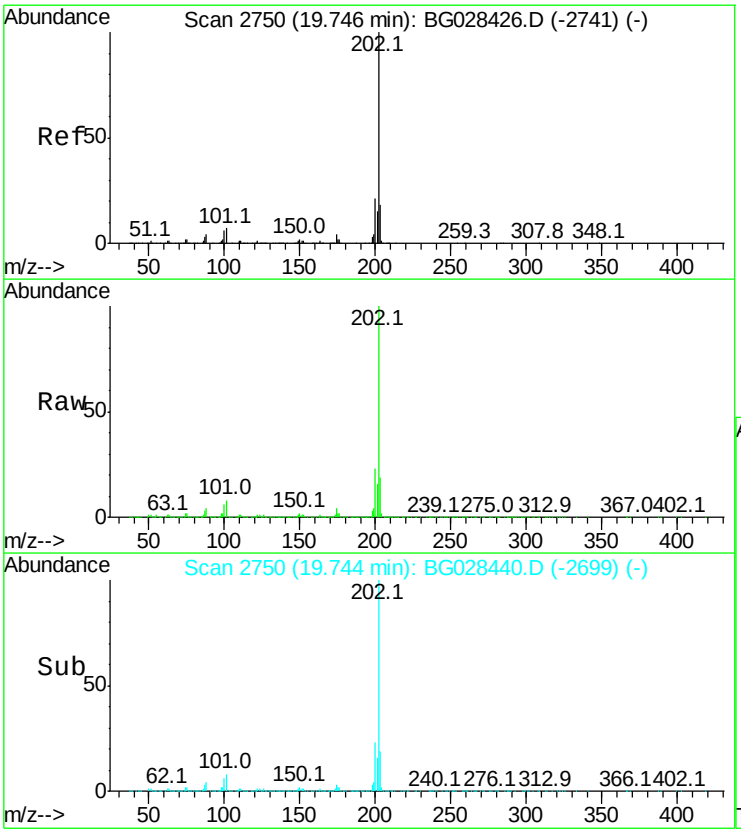
#72
Carbazole
Concen: 4.571 ng/ul
RT: 18.11 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:167 Resp: 71586

Ion	Ratio	Lower	Upper
167	100		
166	25.7	17.9	26.9
139	11.8	10.5	15.7

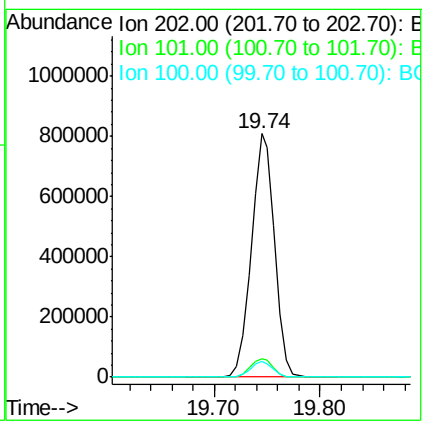


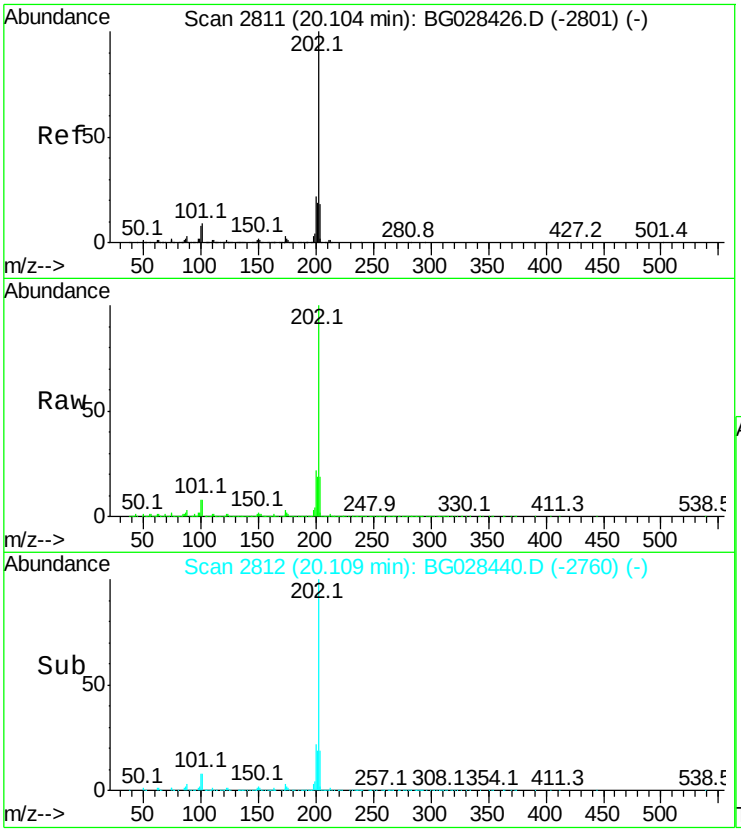


#74
Fluoranthene
Concen: 57.425 ng/ul
RT: 19.74 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:202 Resp: 1229690

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.2
100	6.4	5.2	7.8



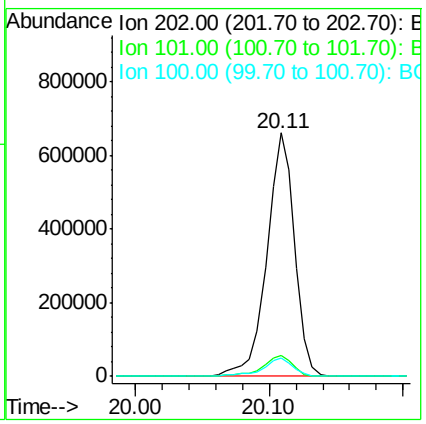


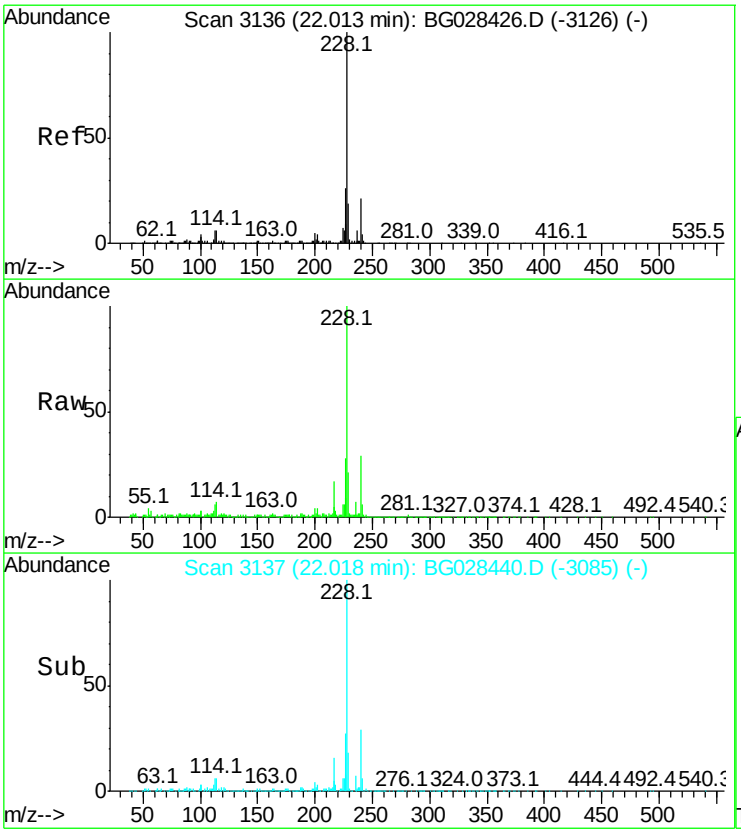
#77
Pyrene
Concen: 39.455 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:202 Resp: 950636

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	7.6	6.6	10.0

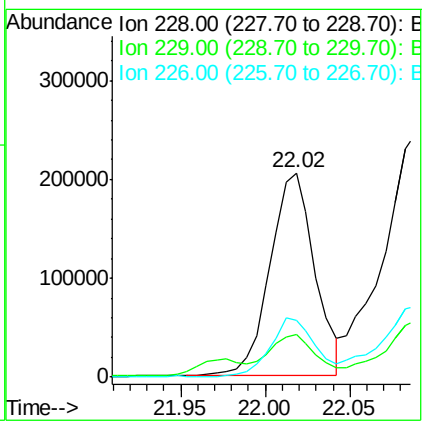


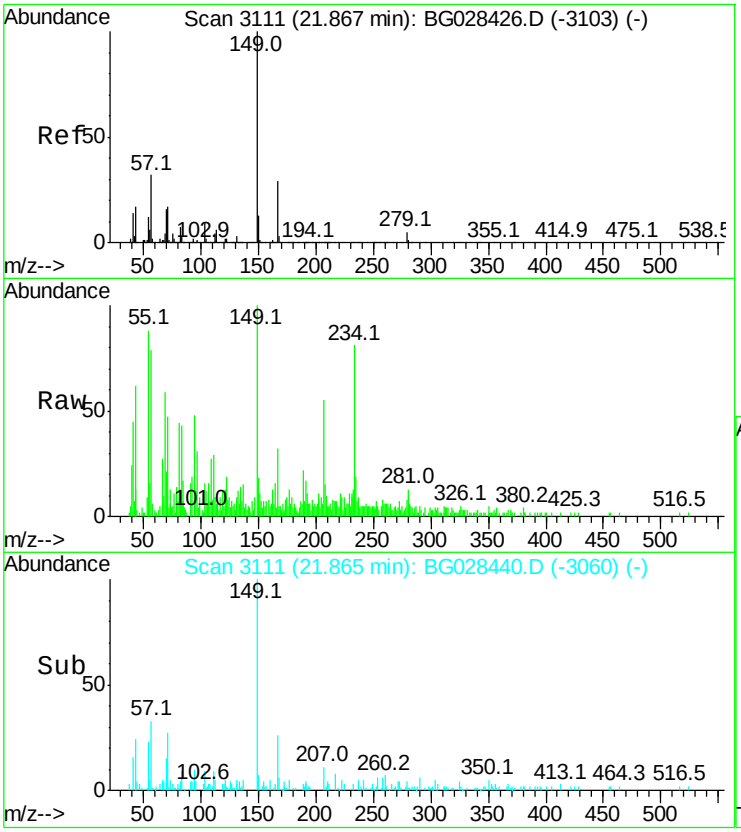


#80
Benzo(a)anthracene
Concen: 16.183 ng/ul
RT: 22.02 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:228 Resp: 377620

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.3	24.5
226	28.0	21.9	32.9



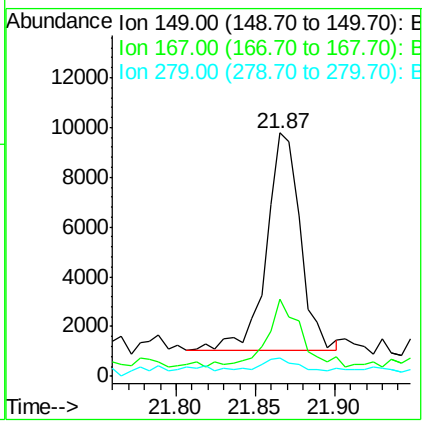


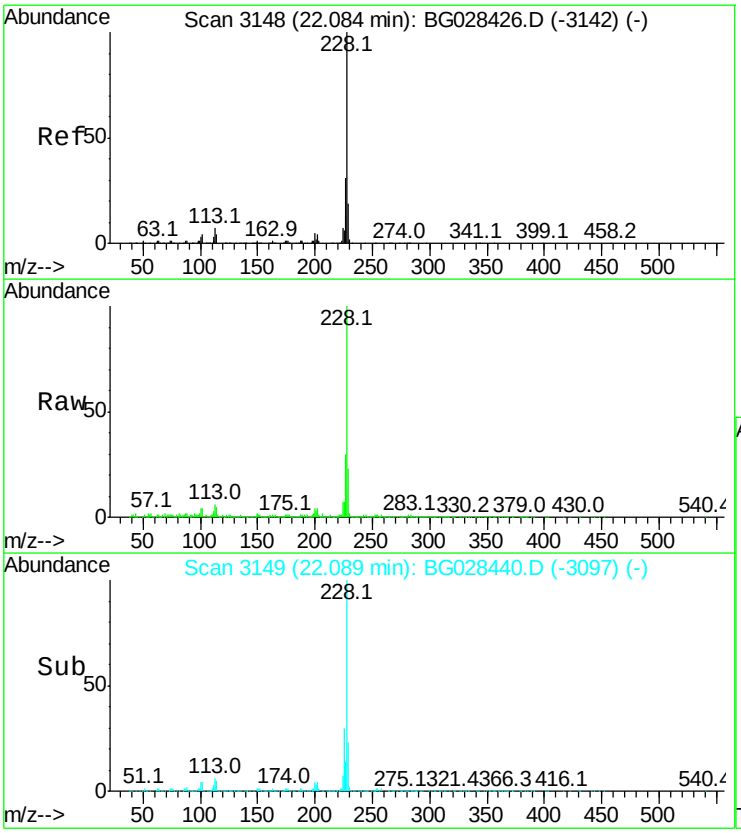
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.004 ng/ul
RT: 21.87 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:149 Resp: 12894

Ion	Ratio	Lower	Upper
149	100		
167	31.6	21.8	32.8
279	7.7	4.5	6.7#

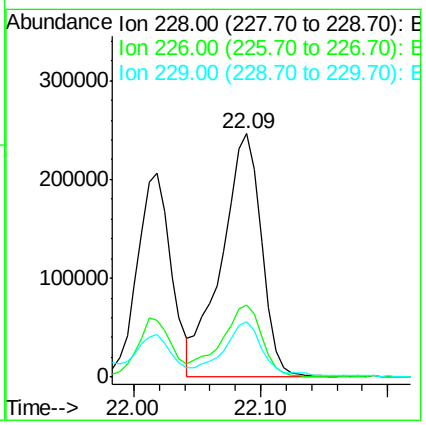


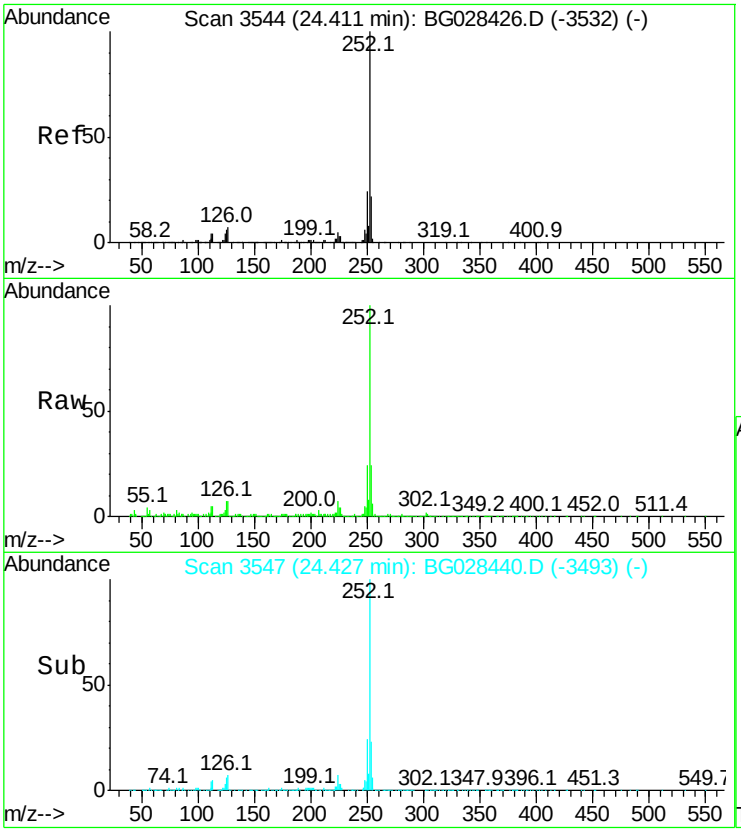


#82
Chrysene
Concen: 25.193 ng/ul
RT: 22.09 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:228 Resp: 529432

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	22.9	16.9	25.3



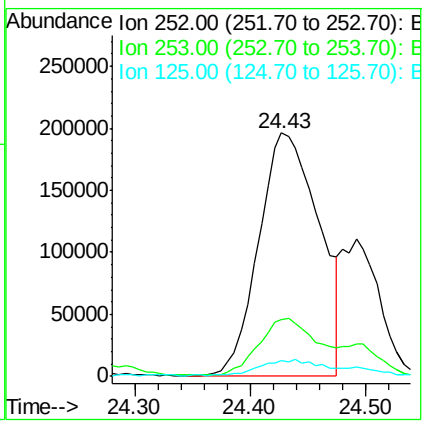


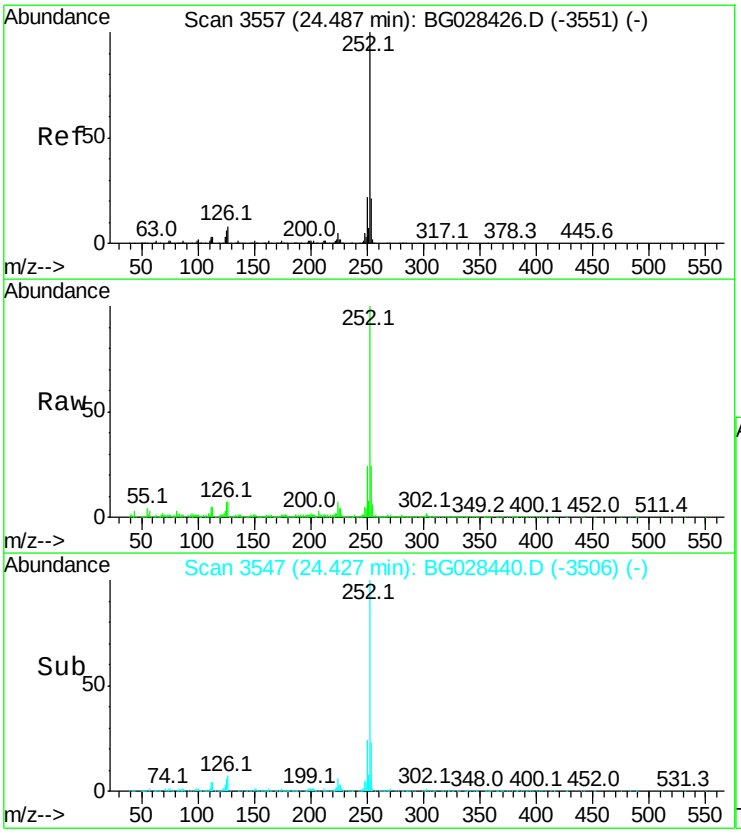
#85
Benzo(b)fluoranthene
Concen: 30.171 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:252 Resp: 711384

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	6.5	4.0	6.0#

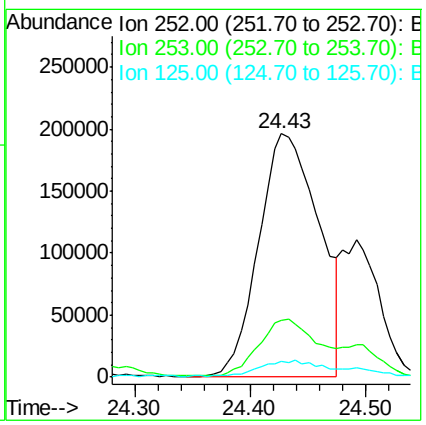


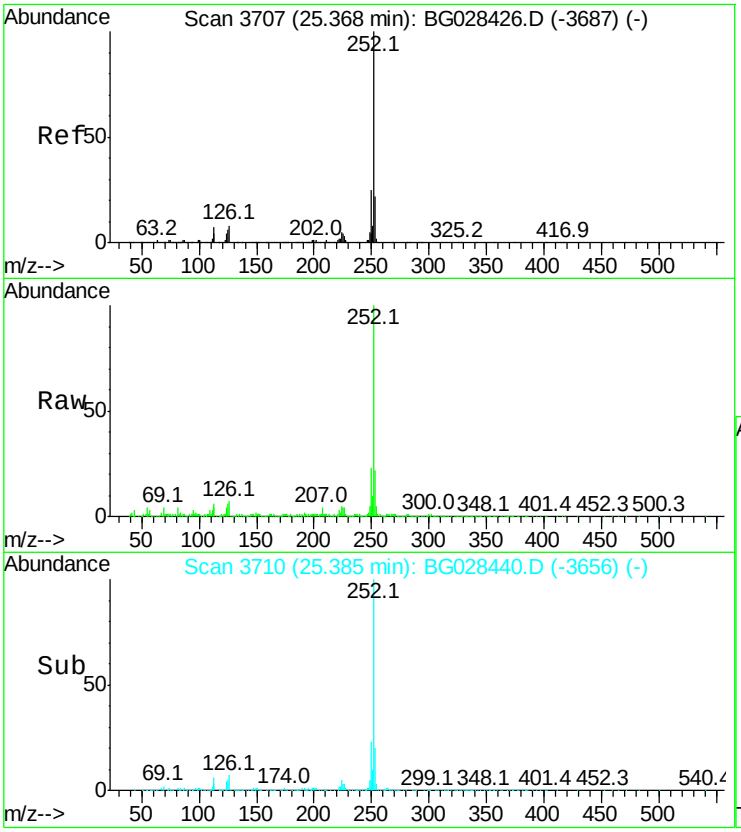


#86
Benzo(k)fluoranthene
Concen: 30.888 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. -0.06 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:252 Resp: 711384

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	6.5	4.1	6.1#



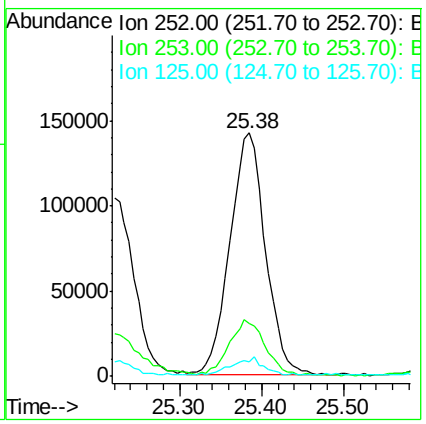


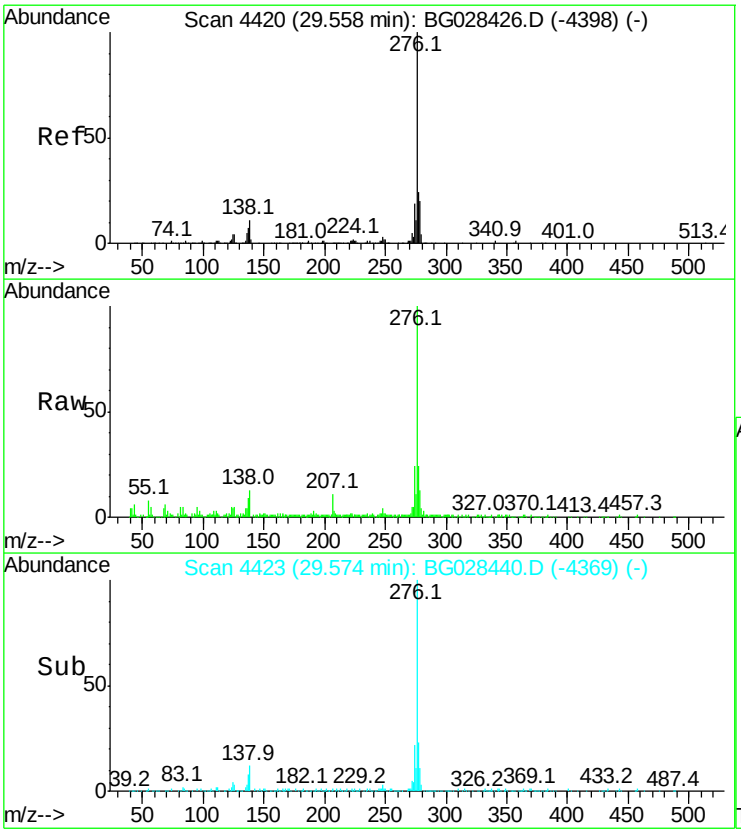
#88
Benzo(a)pyrene
Concen: 18.806 ng/ul
RT: 25.38 min Scan# 3710
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:252 Resp: 429322

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	6.0	5.4	8.0

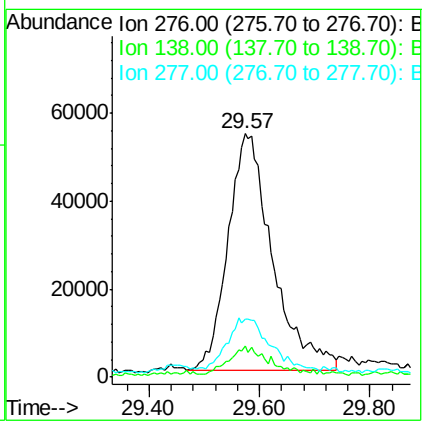


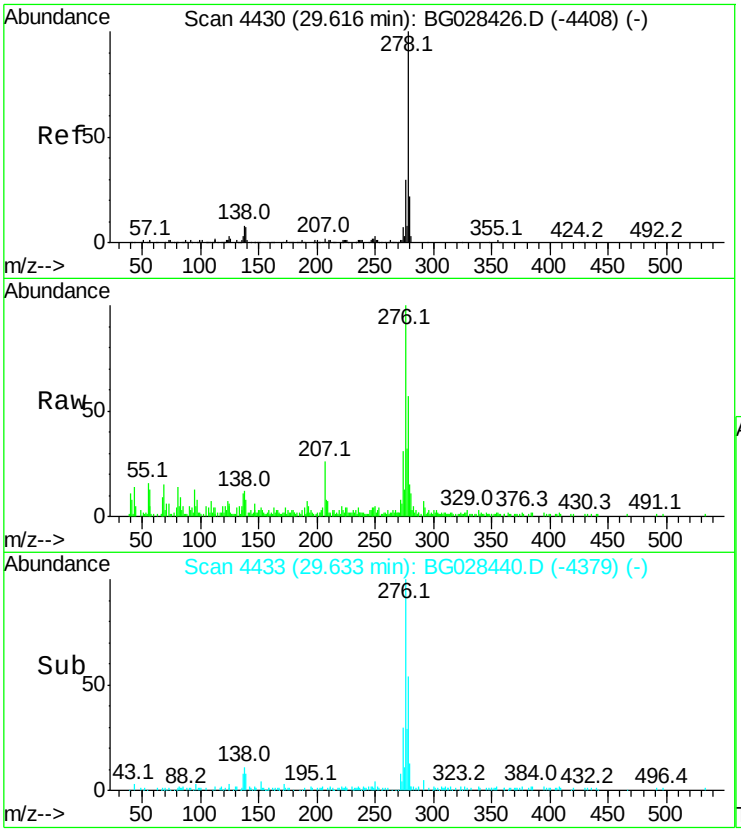


#89
Indeno(1,2,3-cd)pyrene
Concen: 11.336 ng/ul
RT: 29.57 min Scan# 4423
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:276 Resp: 303048

Ion	Ratio	Lower	Upper
276	100		
138	12.6	8.2	12.4#
277	23.9	18.6	28.0



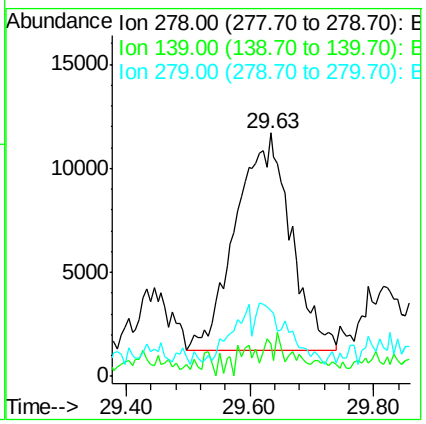


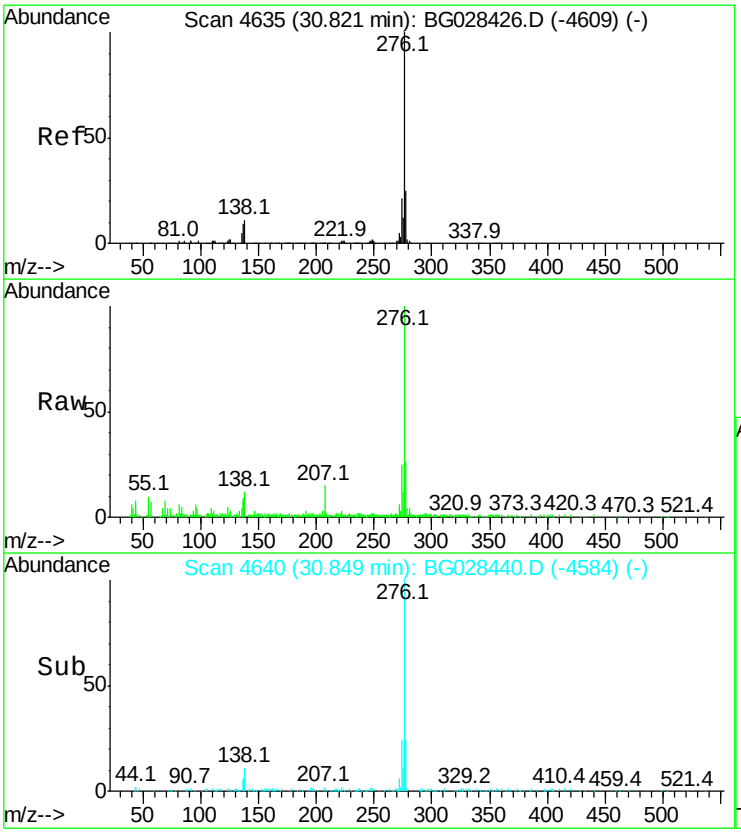
#90
Dibenzo(a,h)anthracene
Concen: 2.831 ng/ul
RT: 29.63 min Scan# 4433
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion:278 Resp: 63441

Ion	Ratio	Lower	Upper
278	100		
139	13.5	6.7	10.1#
279	26.8	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 12.244 ng/ul
RT: 30.85 min Scan# 4640
Delta R.T. 0.03 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion:276 Resp: 269295

Ion	Ratio	Lower	Upper
276	100		
138	12.4	8.6	12.8
277	25.5	17.6	26.4