Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042021.D
Acq On : 7 Aug 2019 8:34
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 07 10:58:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61104	20.00	ng/ul	0.02
18) Naphthalene-d8	10.87	136	263070	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.70	164	200143	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.45	188	461018	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	434169	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	517935	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	4769	3.41	ng/uL	0.01
5) Phenol-d5	7.20	99	96034	20.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	52980	19.75	ng/ul	0.02
9) 2-Chlorophenol-d4	7.58	132	90562	22.09	ng/ul	0.02
13) 4-Methylphenol-d8	8.76	113	74012	18.38	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	45109	22.78	ng/ul	0.02
22) 2-Nitrophenol-d4	9.94	143	53828	23.41	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.48	165	103627	22.33	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	95130	18.47	ng/ul	0.02
43) Dimethylphthalate-d6	14.10	166	382797	24.66	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	436992	24.64	ng/ul	0.01
51) 4-Nitrophenol-d4	14.88	143	45139	17.32	ng/ul	0.00
57) Fluorene-d10	15.69	176	352544	25.53	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.80	200	59436	20.09	ng/ul	0.00
70) Anthracene-d10	17.55	188	581030	26.27	ng/ul	0.01
78) Pyrene-d10	19.83	212	658253	27.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	736391	27.22	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.22	94	5655	1.142	ng/ul	90
44) Dimethylphthalate	14.14	163	134799	8.746	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	26487	5.434	ng/ul#	44
69) Phenanthrene	17.49	178	218001	8.638	ng/ul	99
71) Anthracene	17.58	178	32301	1.262	ng/ul	97
74) Carbazole	17.85	167	29222	1.378	ng/ul	94
76) Fluoranthene	19.50	202	656332	22.507	ng/ul	97
79) Pyrene	19.86	202	566719	19.405	ng/ul	98
82) Benzo(a)anthracene	21.71	228	299042	9.934	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	22650	1.444	ng/ul	96
84) Chrysene	21.77	228	369496	13.151	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	545197	16.774	ng/ul	99
88) Benzo(k)fluoranthene	23.96	252	545197	17.446	ng/ul	99
90) Benzo(a)pyrene	24.84	252	350306	11.310	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	279082	7.725	ng/ul	99
92) Dibenzo(a,h)anthracene	28.76	278	32921	1.117	ng/ul	92
93) Benzo(g,h,i)perylene	29.88	276	278705	9.240	ng/ul	98

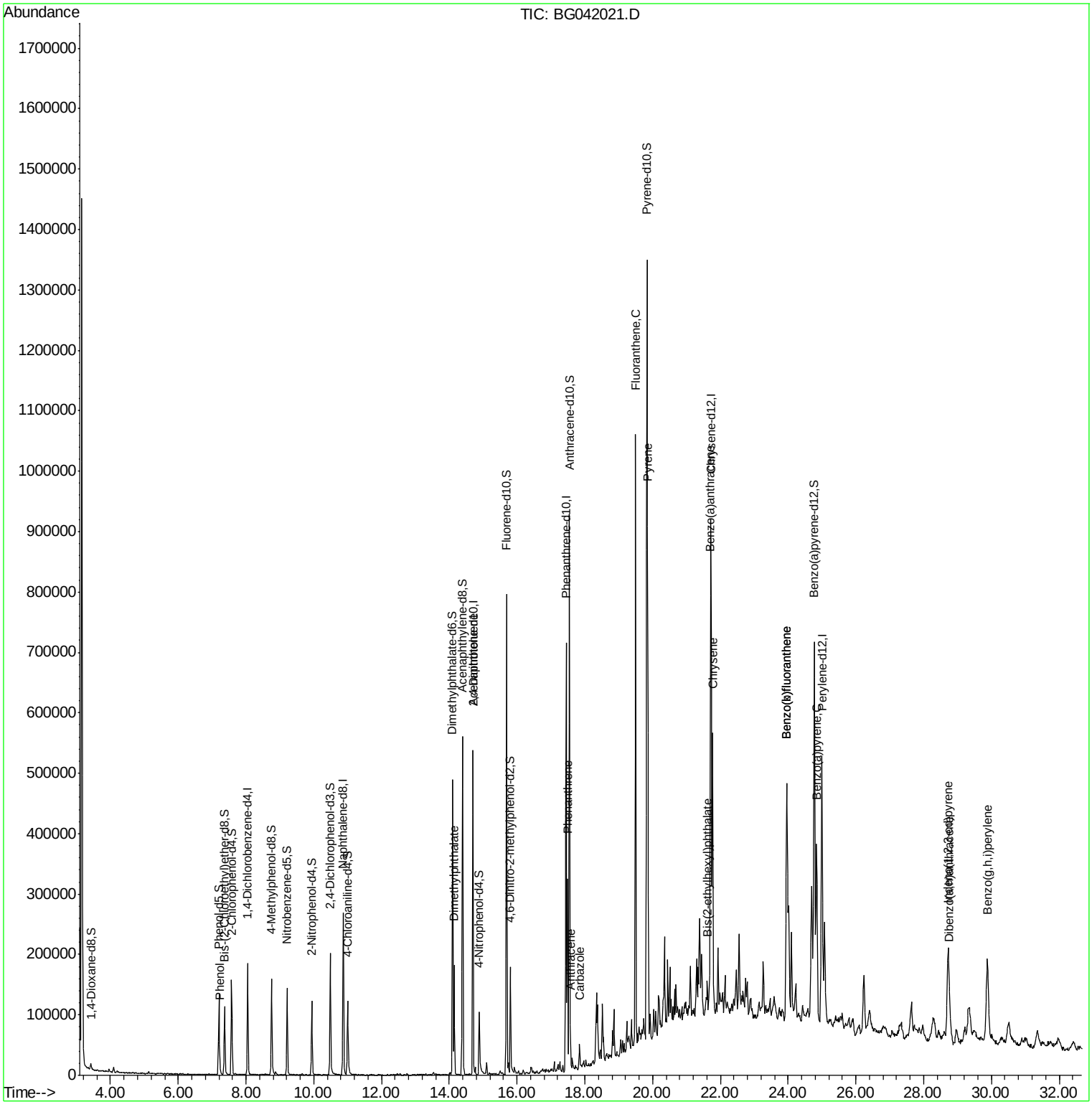
(#) = qualifier out of range (m) = manual integration (+) = signals summed

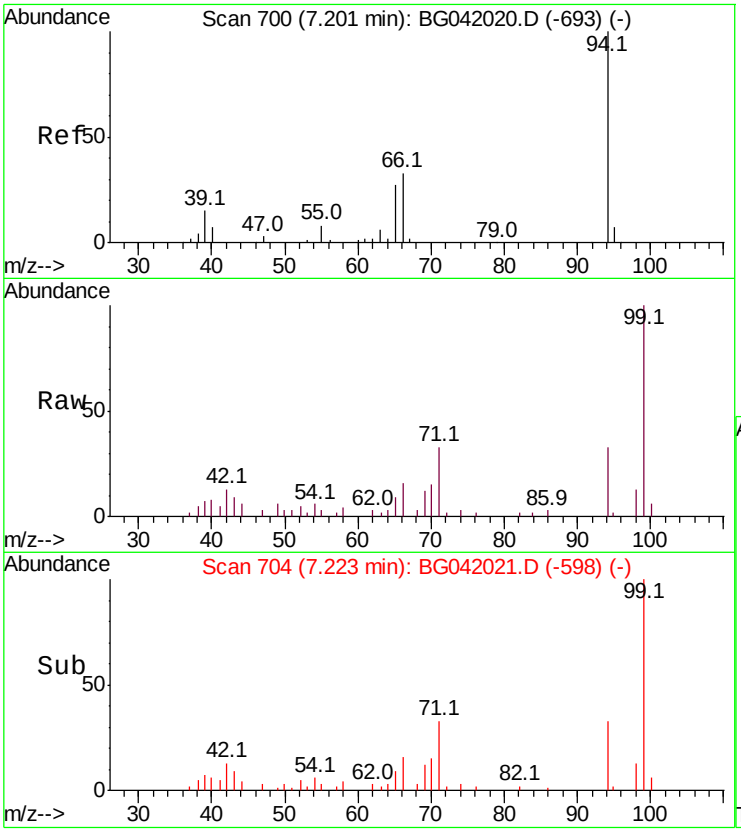
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042021.D
Acq On : 7 Aug 2019 8:34
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 07 10:58:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration



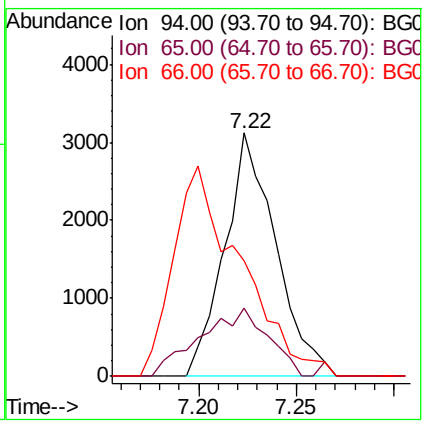


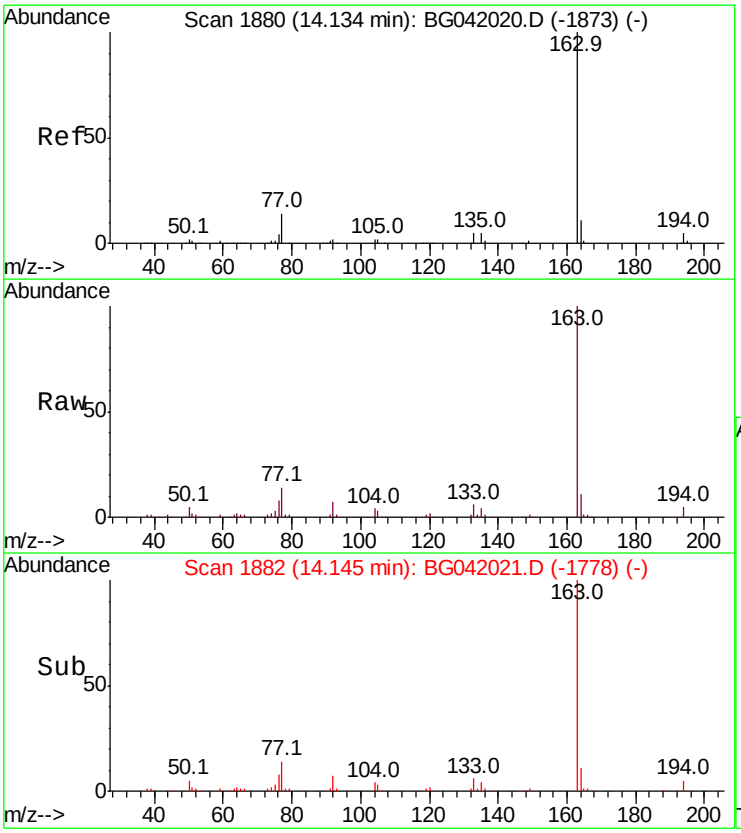
#6
Phenol
Concen: 1.142 ng/ul
RT: 7.22 min Scan# 704
Delta R.T. 0.02 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 5655

Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.8	38.6
66	47.7	31.8	47.8

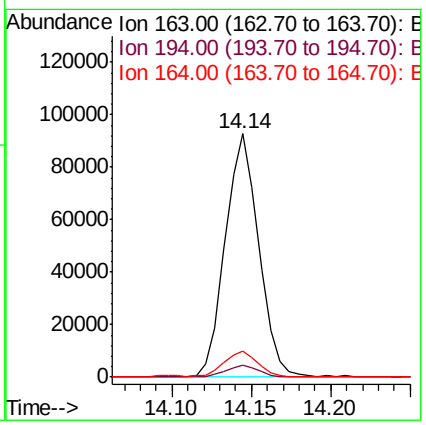


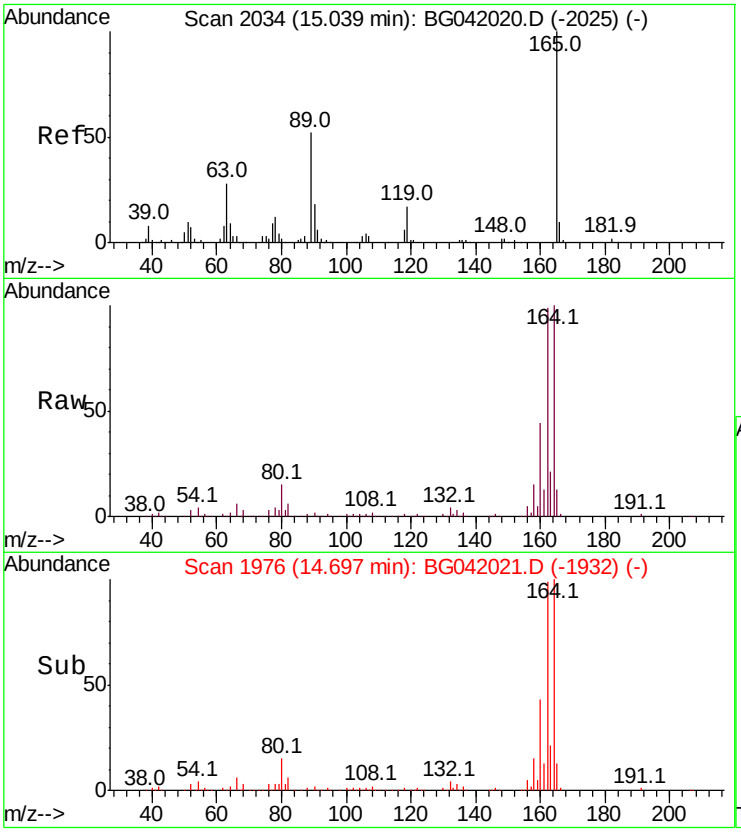


#44
Dimethylphthalate
Concen: 8.746 ng/ul
RT: 14.14 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:163 Resp: 134799

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.7	7.8	11.8



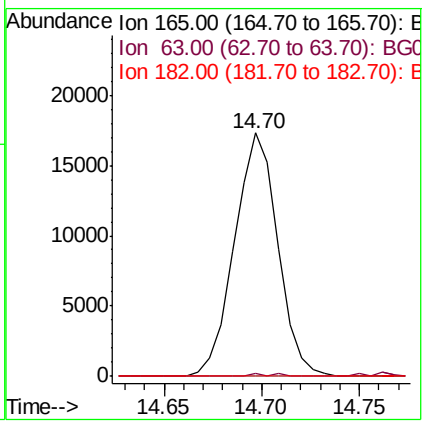


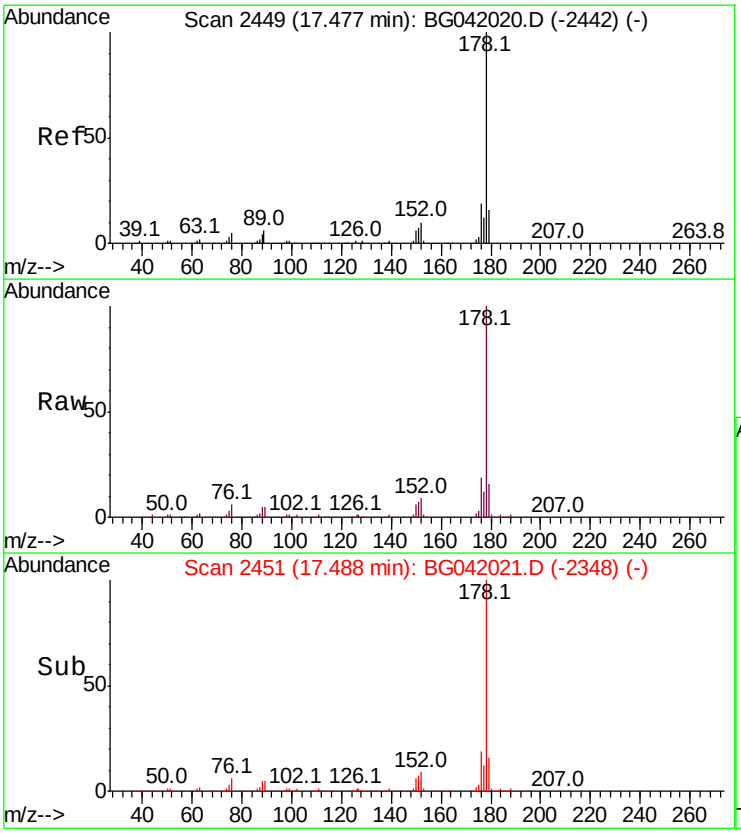
#54
2,4-Dinitrotoluene
Concen: 5.434 ng/ul
RT: 14.70 min Scan# 1976
Delta R.T. -0.34 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 26487

Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.4	44.2#
182	0.0	2.6	4.0#

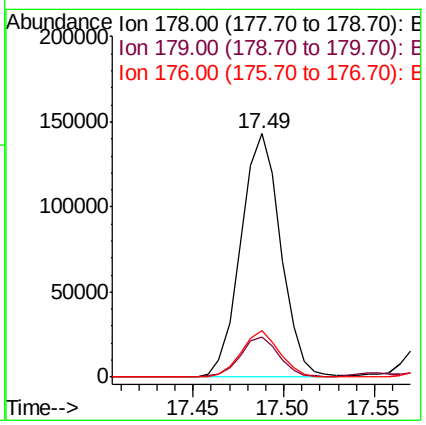


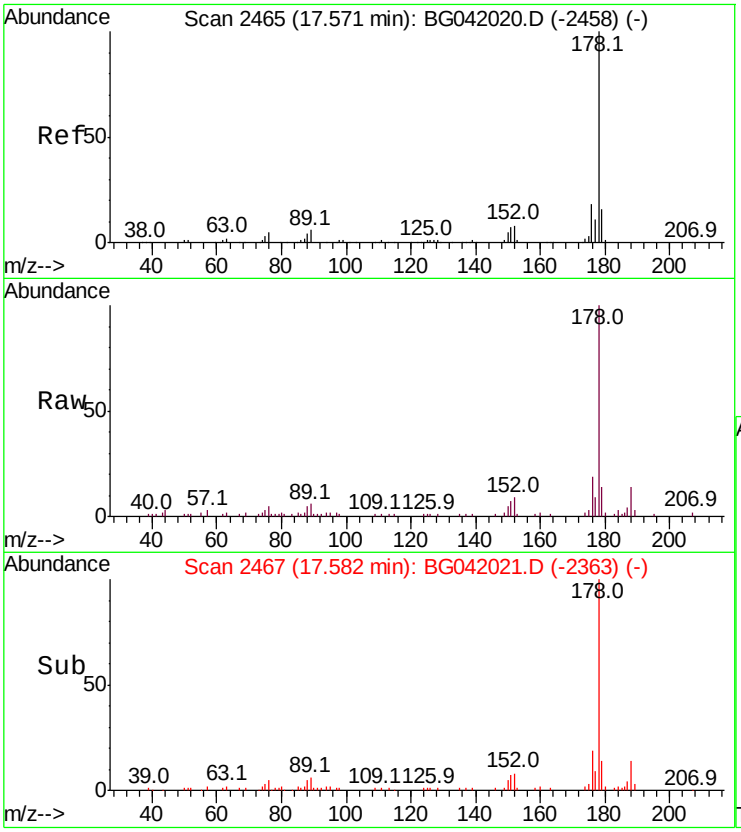


#69
Phenanthrene
Concen: 8.638 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:178 Resp: 218001

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.9	15.4	23.2



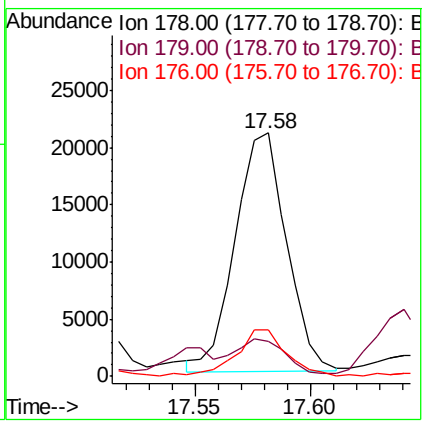


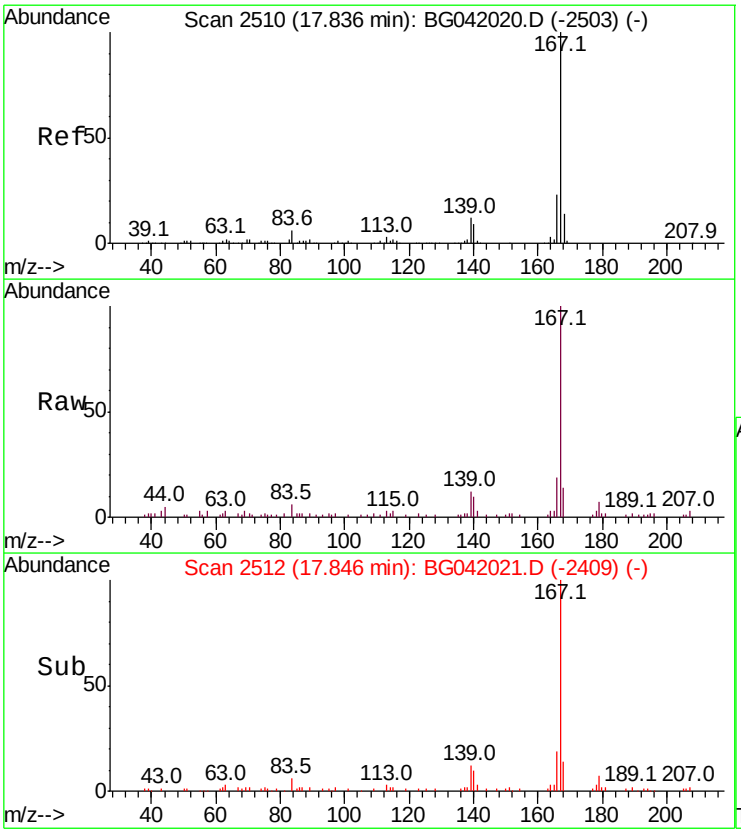
#71
Anthracene
Concen: 1.262 ng/ul
RT: 17.58 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 32301

Ion	Ratio	Lower	Upper
178	100		
179	14.4	13.4	20.0
176	19.0	15.4	23.2

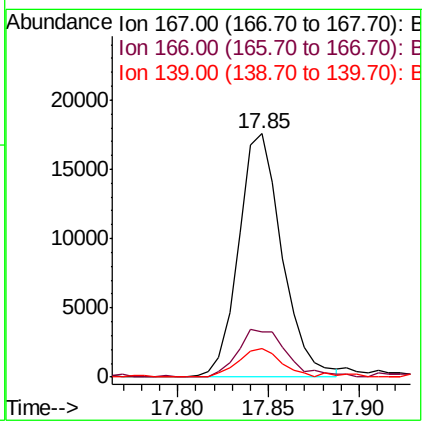


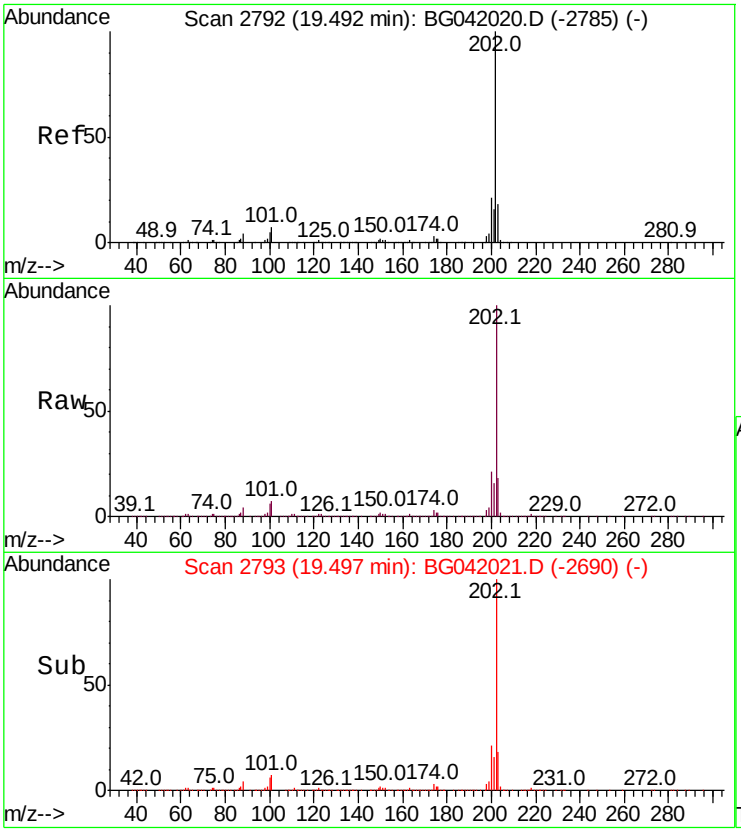


#74
Carbazole
Concen: 1.378 ng/ul
RT: 17.85 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:167 Resp: 29222

Ion	Ratio	Lower	Upper
167	100		
166	18.8	18.2	27.4
139	11.5	9.6	14.4



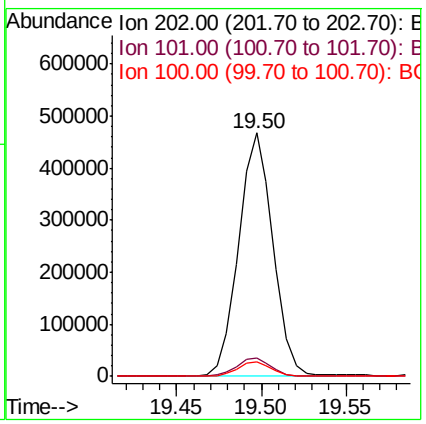


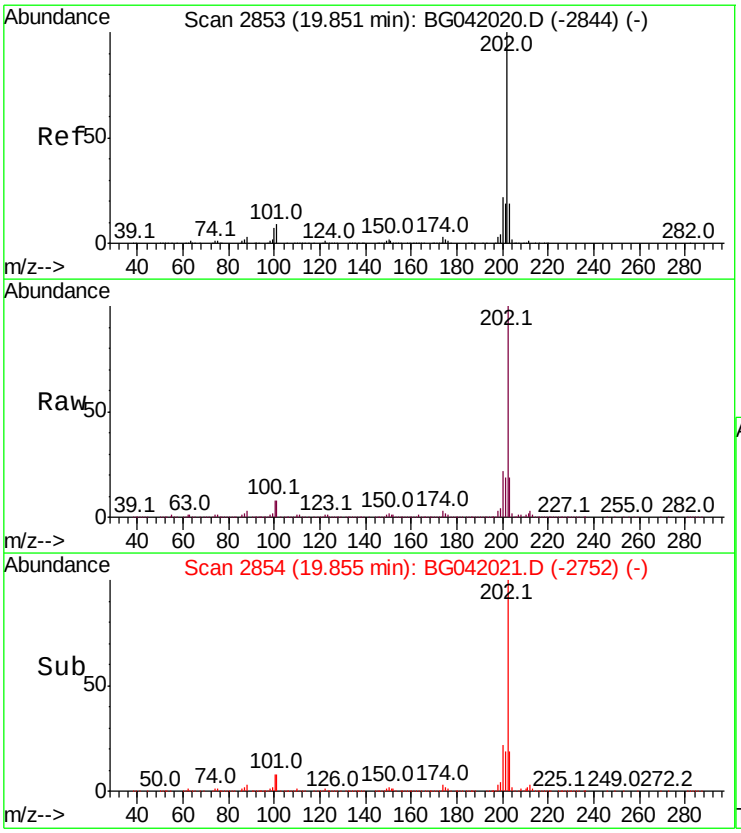
#76
Fluoranthene
Concen: 22.507 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 656332

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	5.7	5.3	7.9

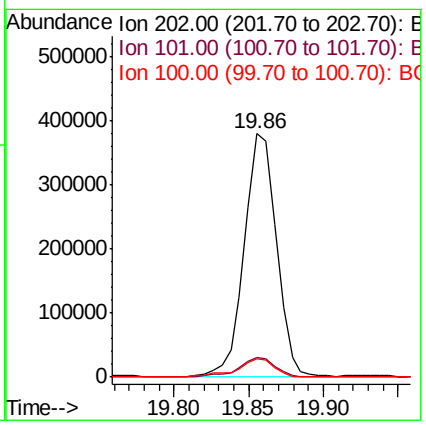


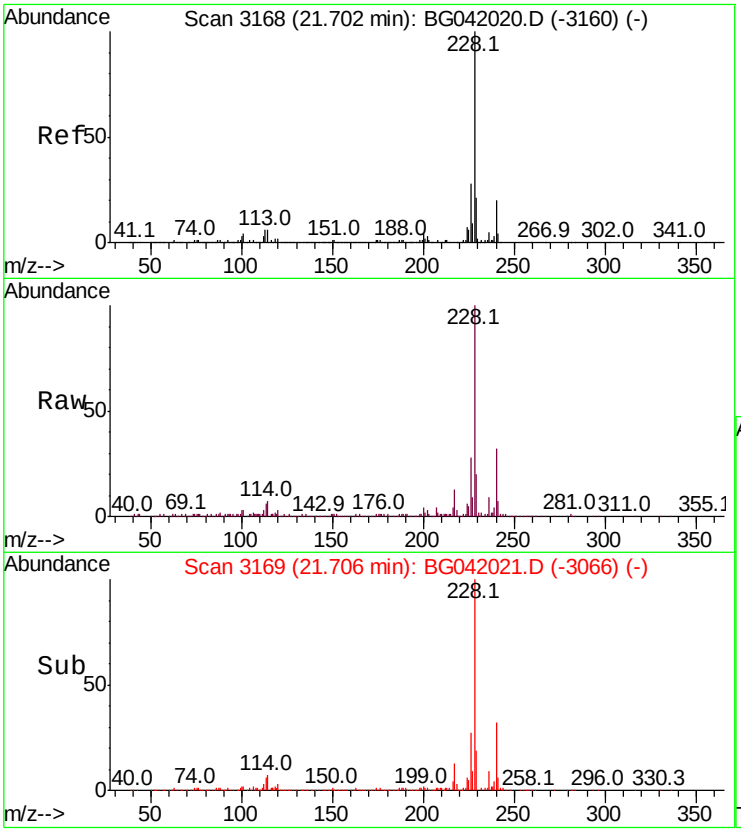


#79
Pyrene
Concen: 19.405 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:202 Resp: 566719

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.6	11.4
100	7.7	6.5	9.7



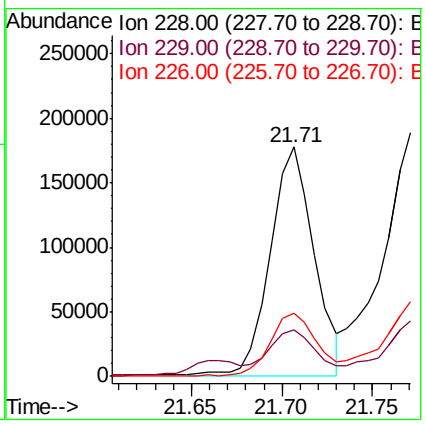


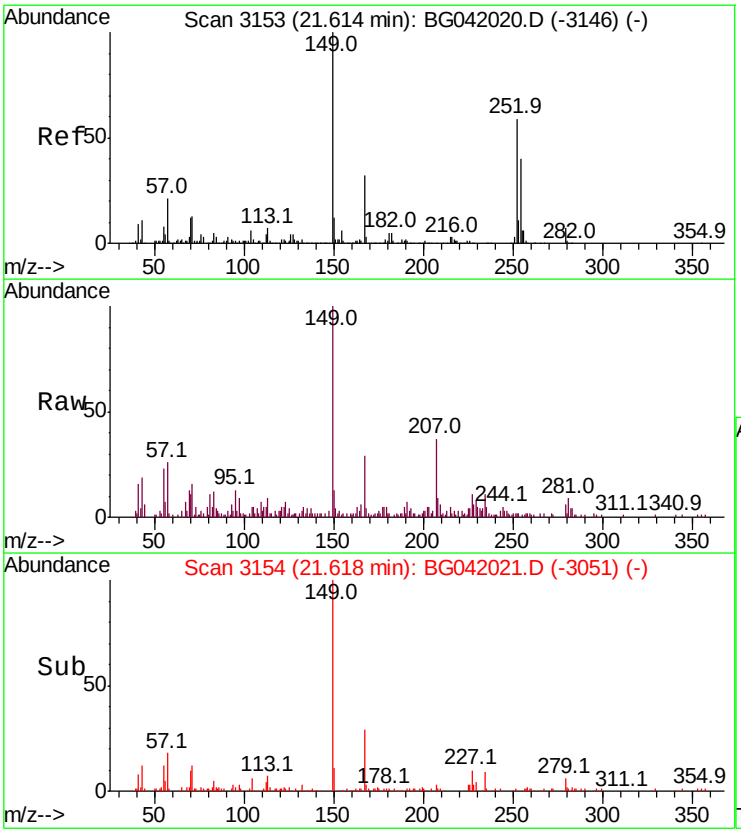
#82
Benzo(a)anthracene
Concen: 9.934 ng/ul
RT: 21.71 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 299042

Ion	Ratio	Lower	Upper
228	100		
229	20.3	17.0	25.6
226	27.6	23.3	34.9

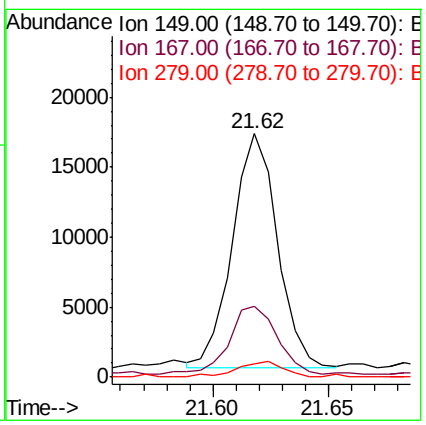


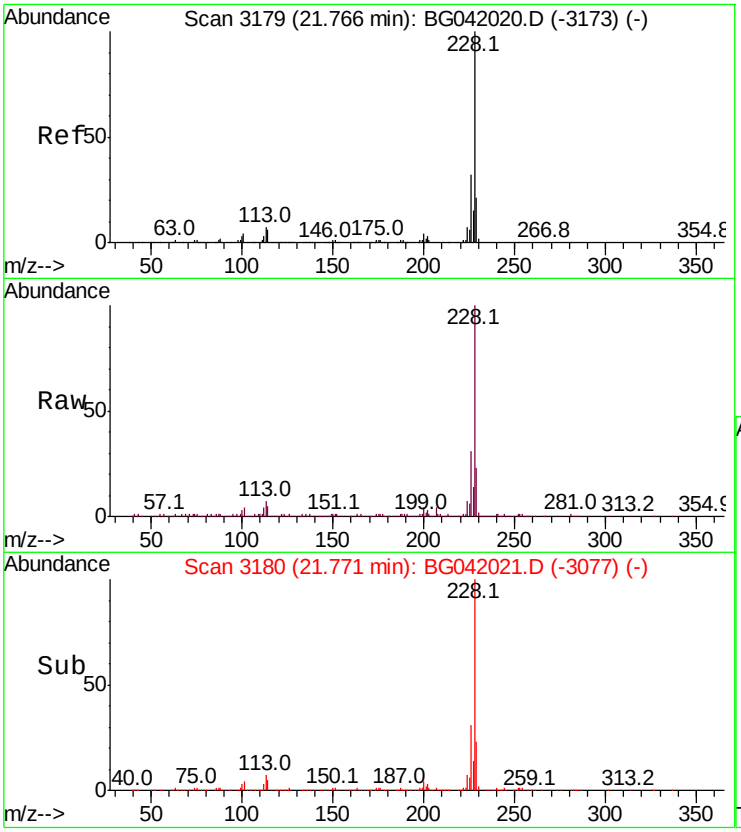


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.444 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:149 Resp: 22650

Ion	Ratio	Lower	Upper
149	100		
167	29.2	25.0	37.4
279	5.5	5.2	7.8



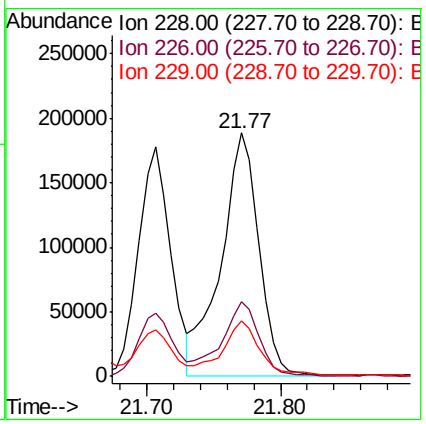


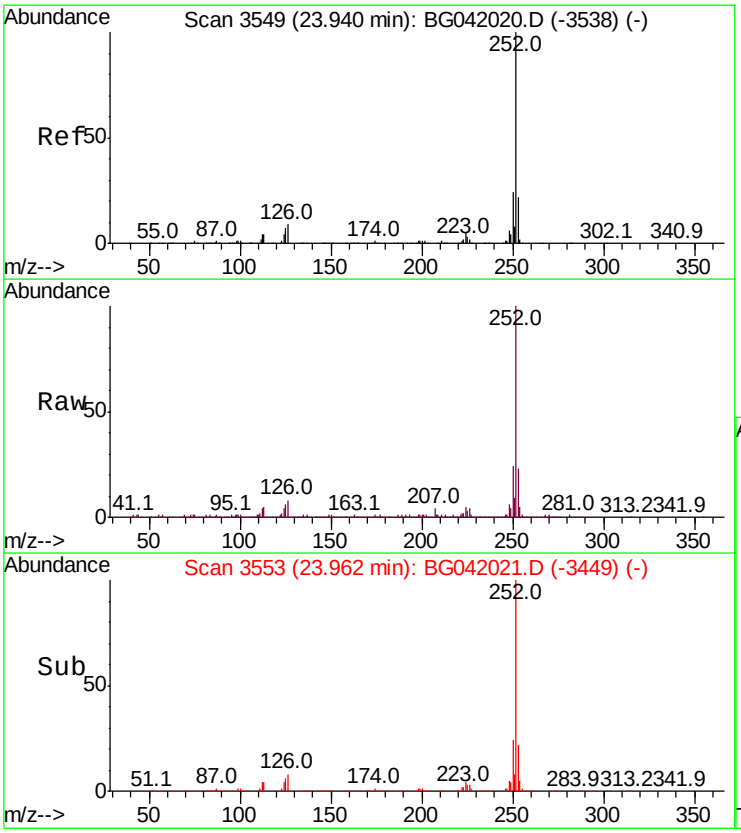
#84
Chrysene
Concen: 13.151 ng/ul
RT: 21.77 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 369496

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	22.9	16.6	24.8

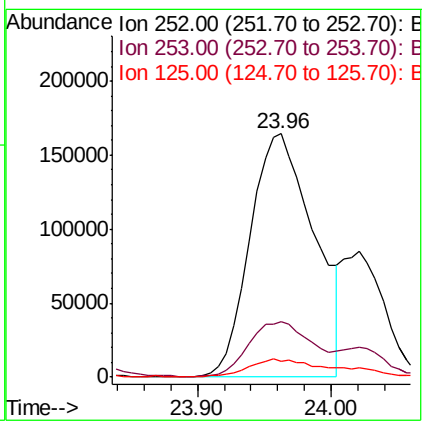


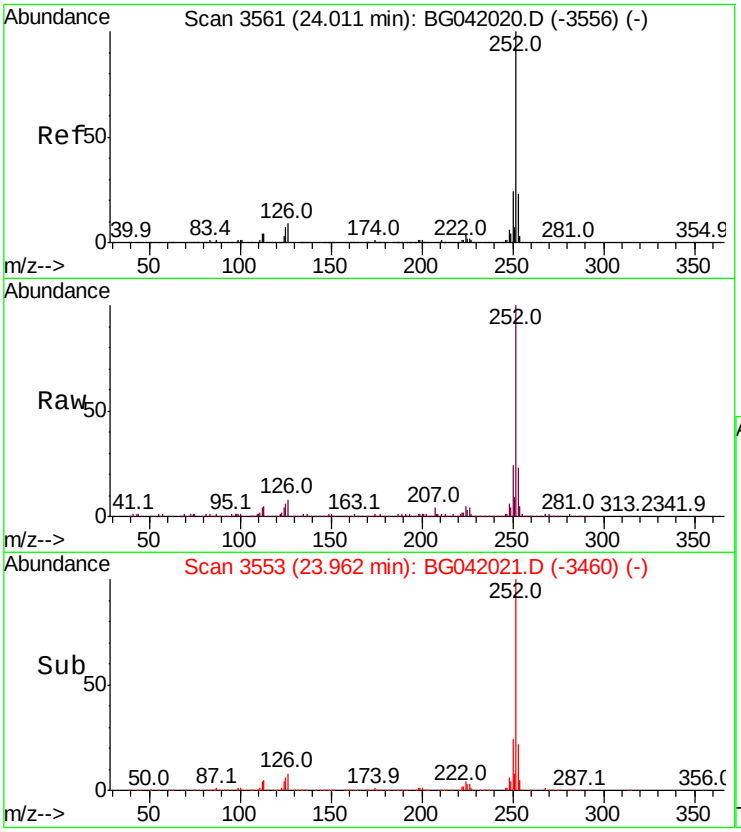


#87
Benzo(b)fluoranthene
Concen: 16.774 ng/ul
RT: 23.96 min Scan# 3553
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:252 Resp: 545197

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	6.3	5.8	8.8



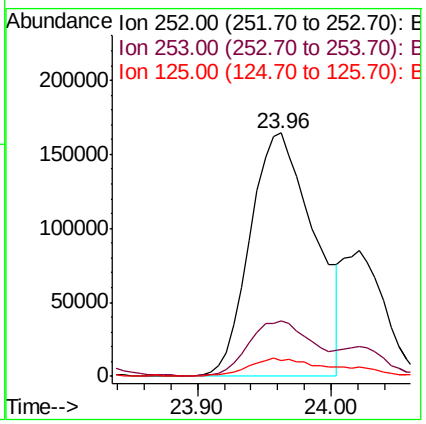


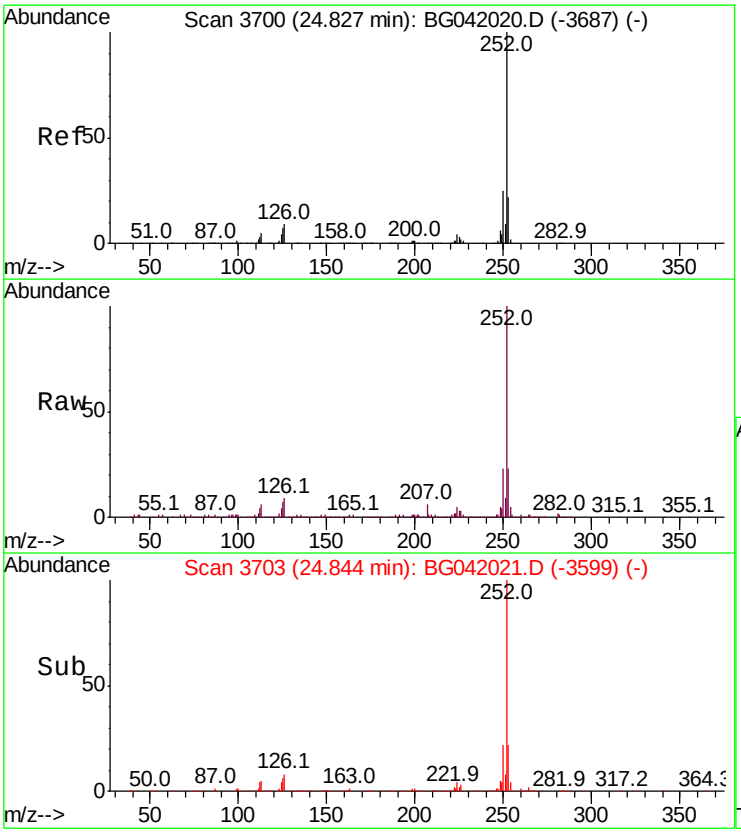
#88
Benzo(k)fluoranthene
Concen: 17.446 ng/ul
RT: 23.96 min Scan# 3553
Delta R.T. -0.05 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 545197

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	6.3	5.5	8.3

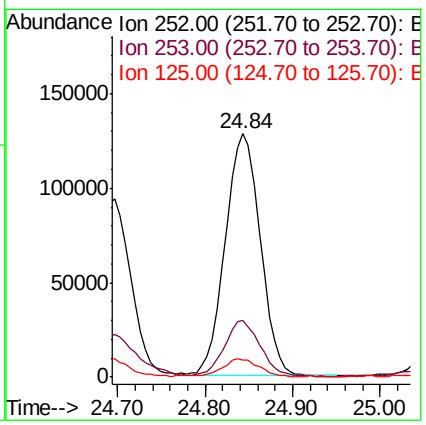


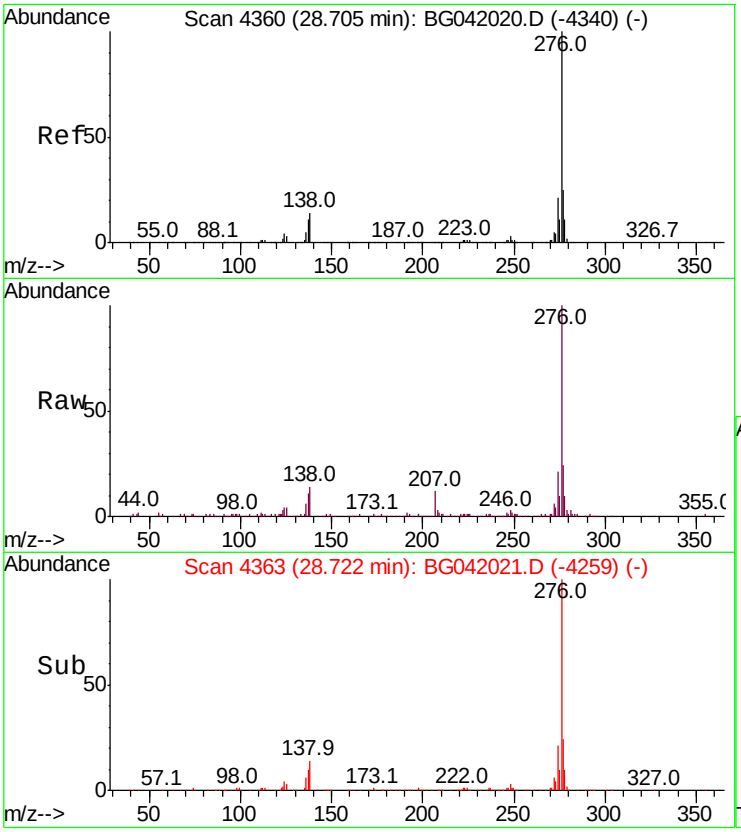


#90
Benzo(a)pyrene
Concen: 11.310 ng/ul
RT: 24.84 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:252 Resp: 350306

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.8	6.5	9.7



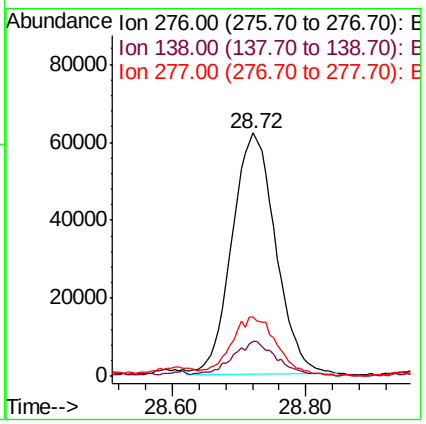


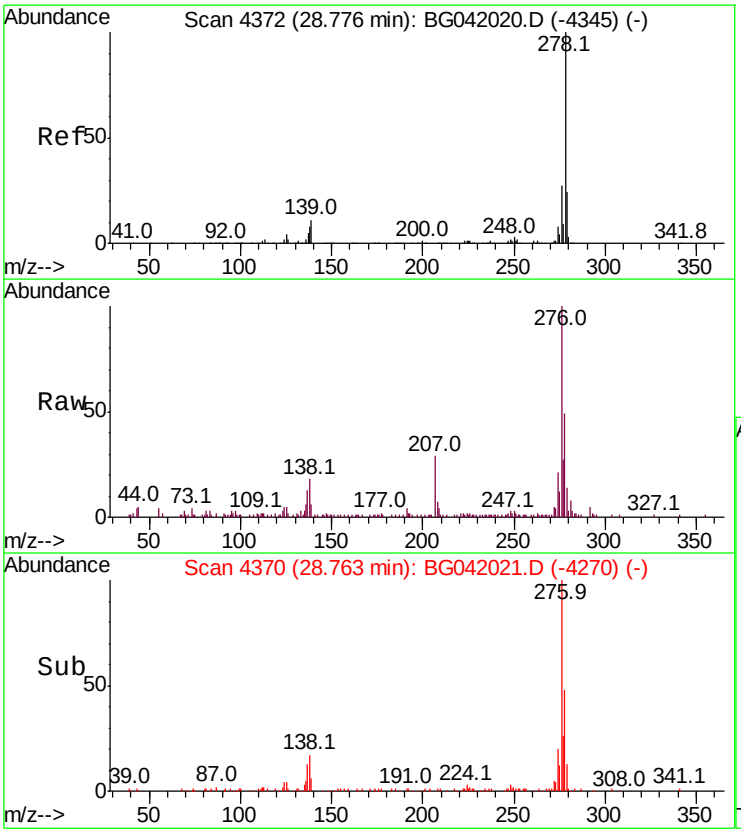
#91
Indeno(1,2,3-cd)pyrene
Concen: 7.725 ng/ul
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 279082

Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.0	18.0
277	24.2	19.2	28.8

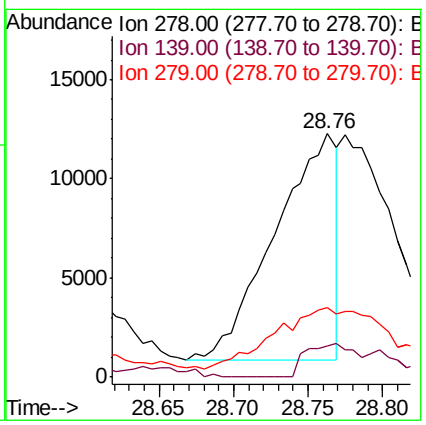


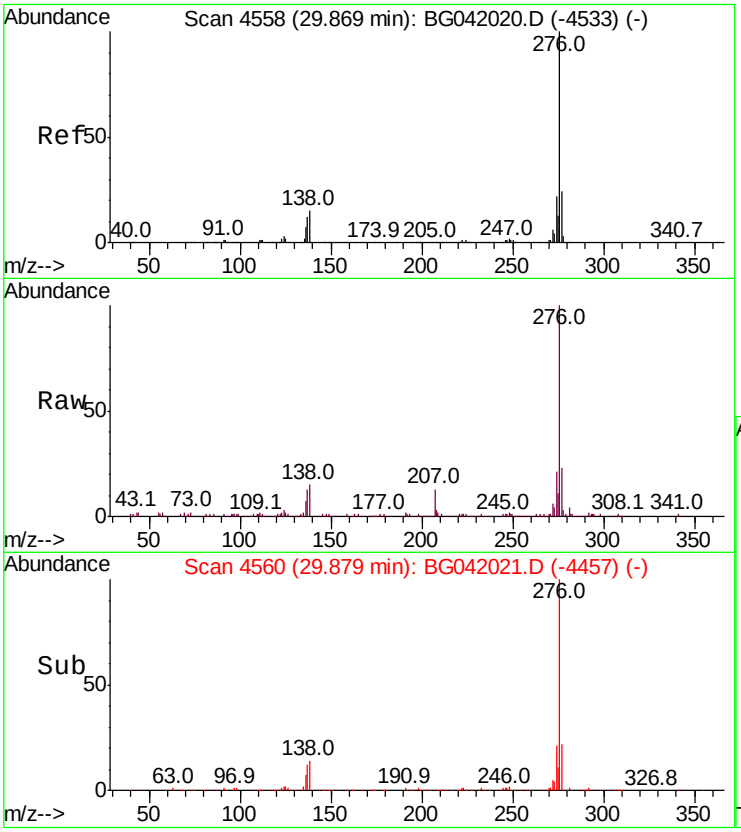


#92
Dibenzo(a,h)anthracene
Concen: 1.117 ng/ul
RT: 28.76 min Scan# 4370
Delta R.T. -0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Tgt Ion:278 Resp: 32921

Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.4	14.0
279	28.8	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 9.240 ng/ul
RT: 29.88 min Scan# 4560
Delta R.T. 0.01 min
Lab File: BG042021.D
Acq: 7 Aug 2019 8:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 278705

Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.6	18.8
277	22.8	19.2	28.8