Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N2

Quant Time: Aug 14 08:33:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 08:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	84106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	353951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	246120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	502515	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	482869	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	575999	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7577	3.94	ng/uL	0.00
5) Phenol-d5	7.18	99	191410	29.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	94169	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	173046	30.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	163188	29.45	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	86835	32.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	108251	34.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	202003	32.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	207914	30.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	591924	31.01	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	692600	31.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	344	0.11	ng/ul	0.13
57) Fluorene-d10	15.68	176	523870	30.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	78475	24.34	ng/ul	0.00
70) Anthracene-d10	17.53	188	756565	31.38	ng/ul	0.00
78) Pyrene-d10	19.83	212	850689	31.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	973433	32.35	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	30429	1.682	ng/ul	98
44) Dimethylphthalate	14.13	163	72263	3.813	ng/ul	98
49) Acenaphthene	14.75	153	35779	2.325	ng/ul	98
53) Dibenzofuran	15.08	168	37069	1.614	ng/ul	97
58) Fluorene	15.74	166	40495	2.189	ng/ul	91
69) Phenanthrene	17.48	178	621363	22.587	ng/ul	99
71) Anthracene	17.57	178	132152	4.736	ng/ul	98
74) Carbazole	17.84	167	61323	2.653	ng/ul	99
76) Fluoranthene	19.49	202	955530	30.061	ng/ul	98
79) Pyrene	19.86	202	786650	24.219	ng/ul	98
82) Benzo(a)anthracene	21.70	228	494166	14.760	ng/ul	99
84) Chrysene	21.77	228	456414	14.606	ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	631361	17.467	ng/ul	99
88) Benzo(k)fluoranthene	24.01	252	213582	6.145	ng/ul	100
90) Benzo(a)pyrene	24.84	252	434923	12.627	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	259428	6.457	ng/ul	97
92) Dibenzo(a,h)anthracene	28.75	278	36194	1.104	ng/ul	99
93) Benzo(g,h,i)perylene	29.88	276	201569	6.009	ng/ul	99

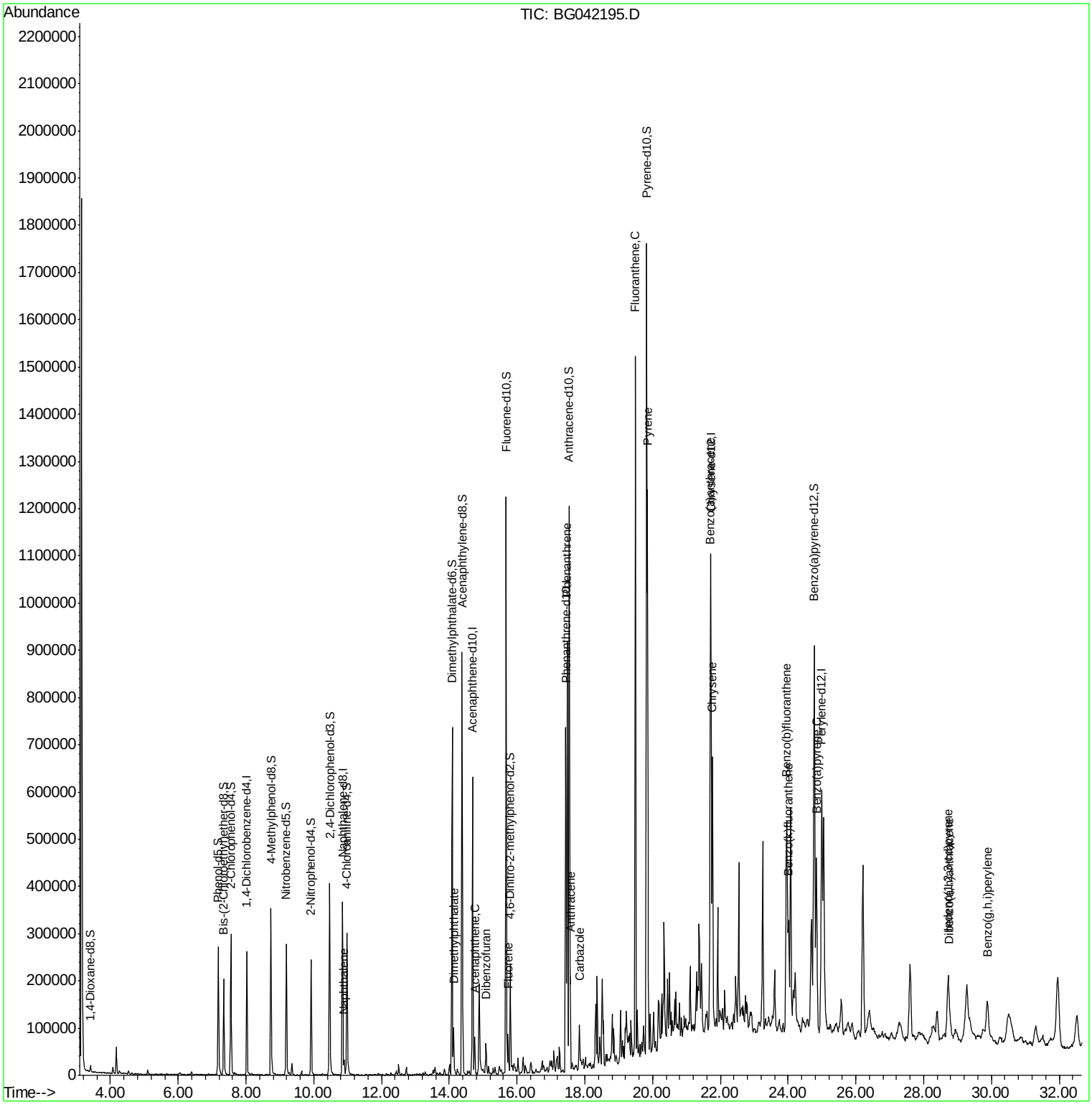
(#) = qualifier out of range (m) = manual integration (+) = signals summed

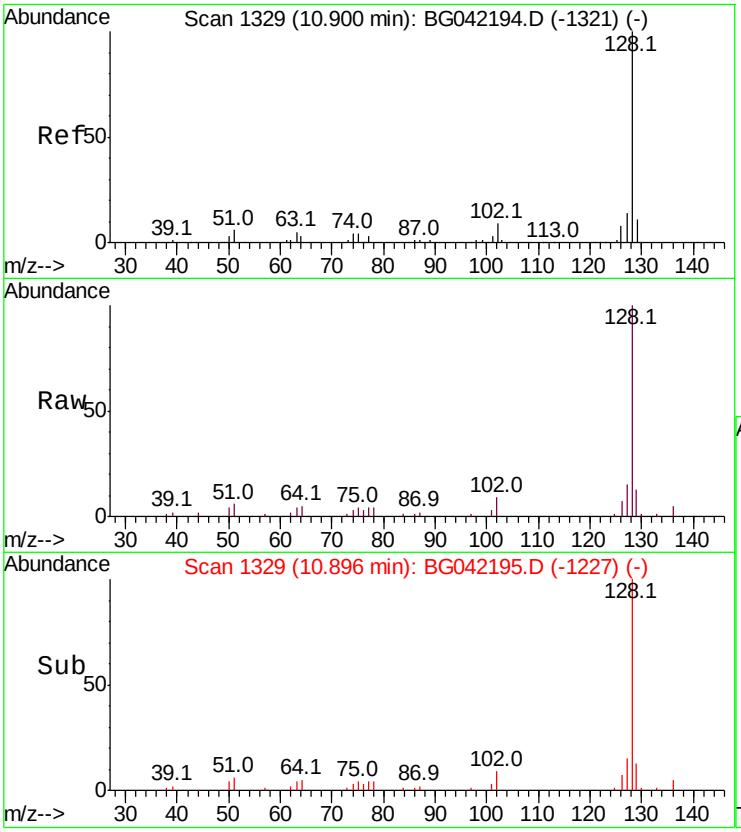
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5N2

Quant Time: Aug 14 08:33:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 08:30:54 2019
Response via : Initial Calibration



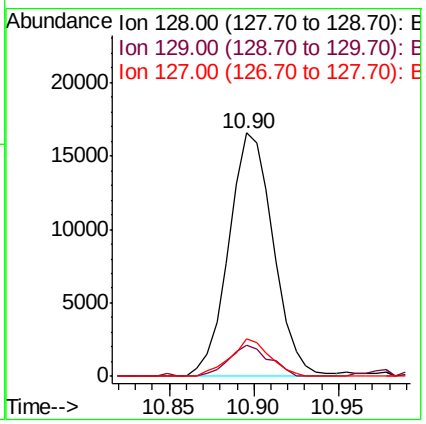


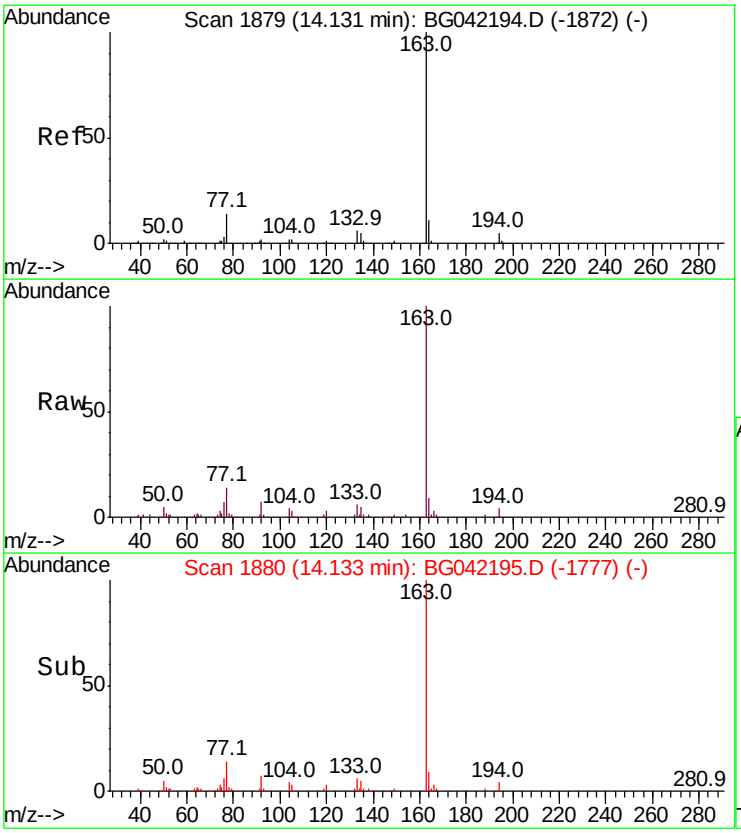
#28
Naphthalene
Concen: 1.682 ng/ul
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:128 Resp: 30429

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.5	14.3
127	15.5	11.4	17.0

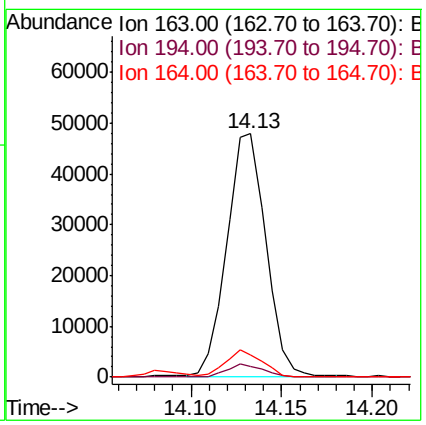


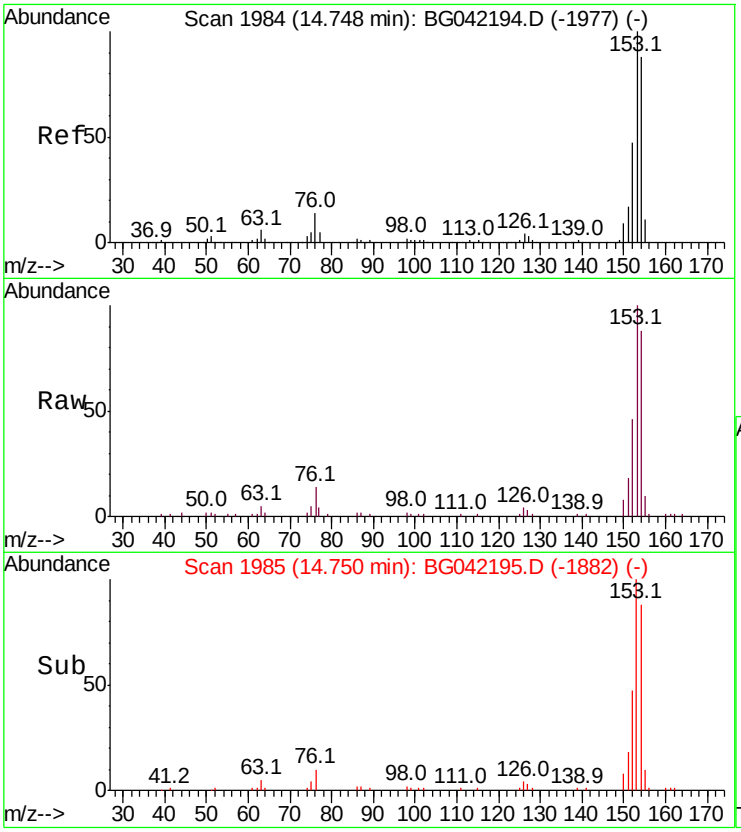


#44
Dimethylphthalate
Concen: 3.813 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:163 Resp: 72263

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	9.4	7.8	11.8



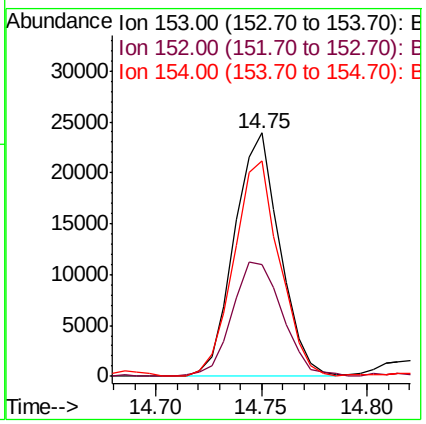


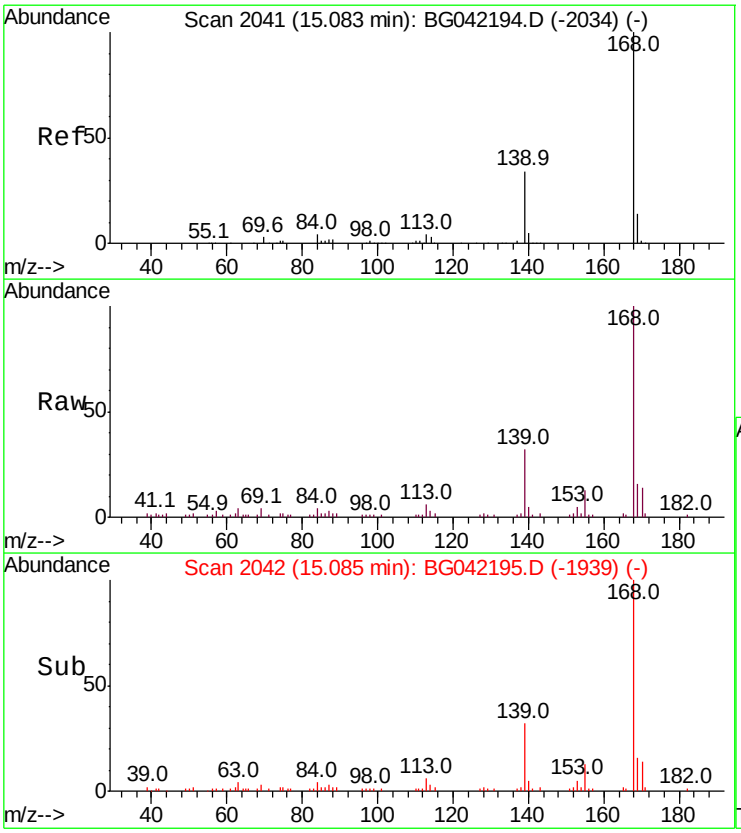
#49
Acenaphthene
Concen: 2.325 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:153 Resp: 35779

Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.8	56.8
154	88.3	69.4	104.2

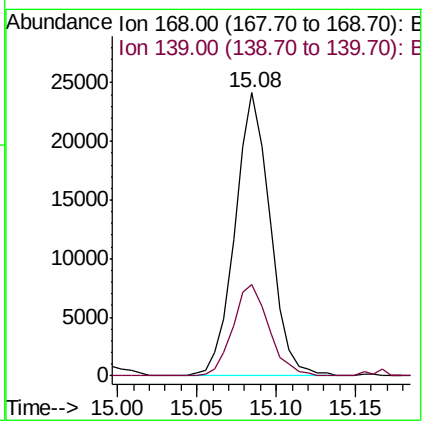


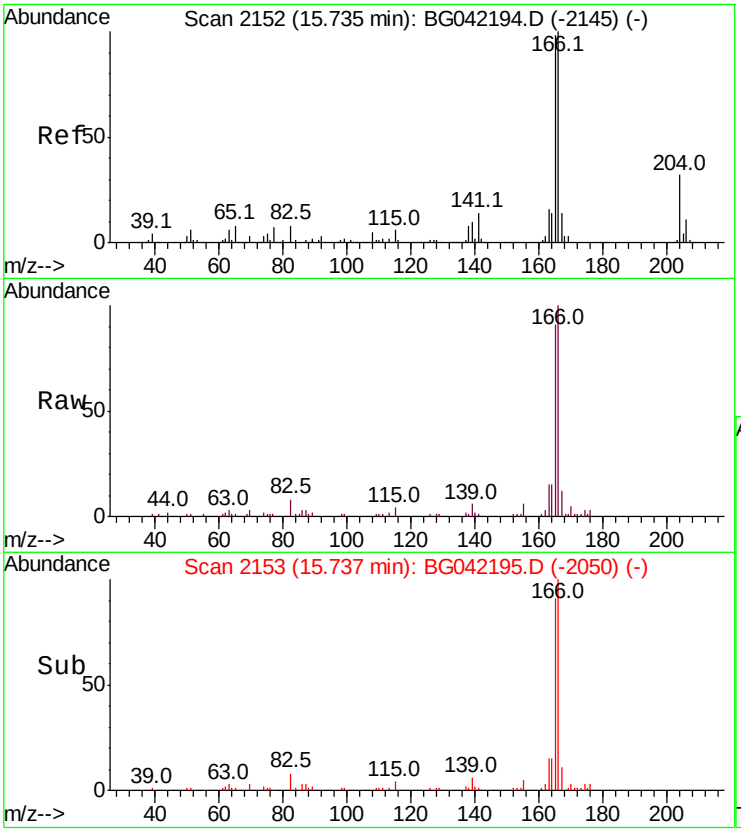


#53
Dibenzofuran
Concen: 1.614 ng/ul
RT: 15.08 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:168 Resp: 37069

Ion	Ratio	Lower	Upper
168	100		
139	32.2	27.3	40.9



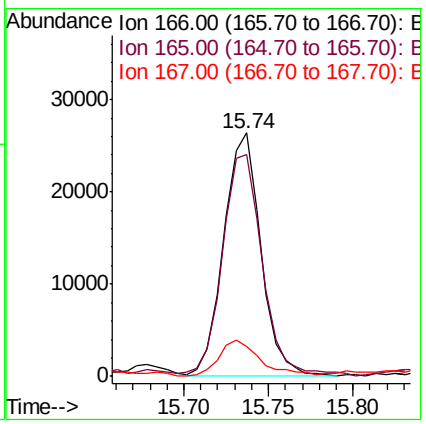


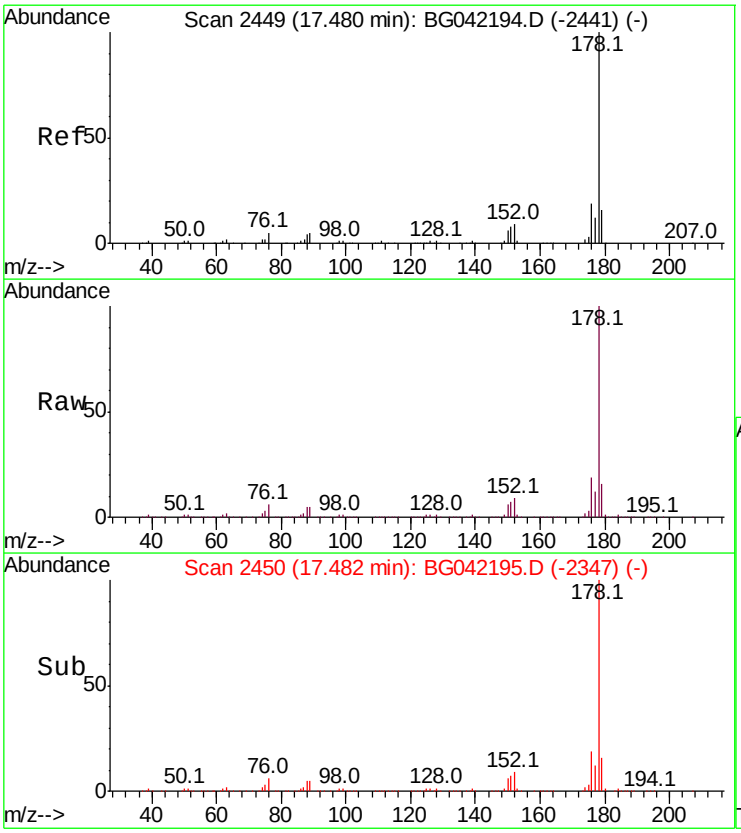
#58
Fluorene
Concen: 2.189 ng/ul
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:166 Resp: 40495

Ion	Ratio	Lower	Upper
166	100		
165	91.1	81.1	121.7
167	12.2	11.0	16.4

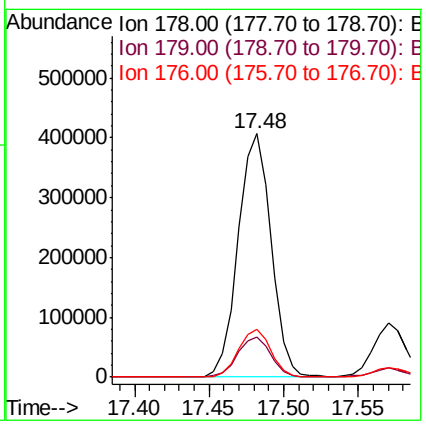


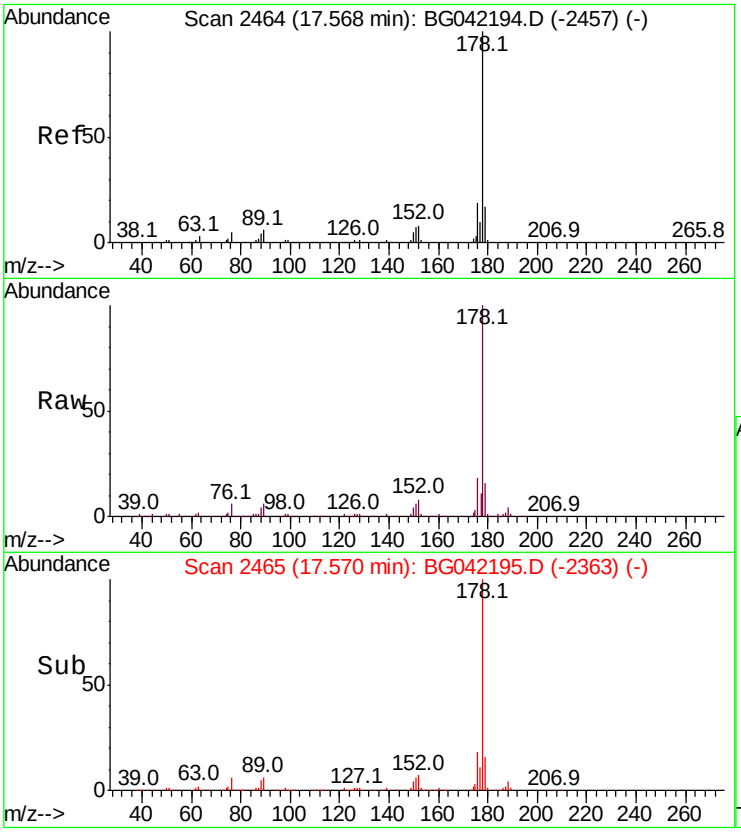


#69
Phenanthrene
Concen: 22.587 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:178 Resp: 621363

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.4	15.4	23.2



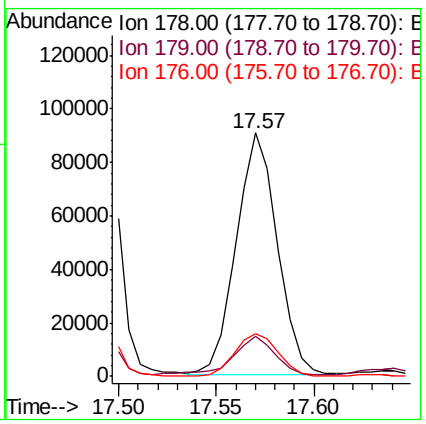


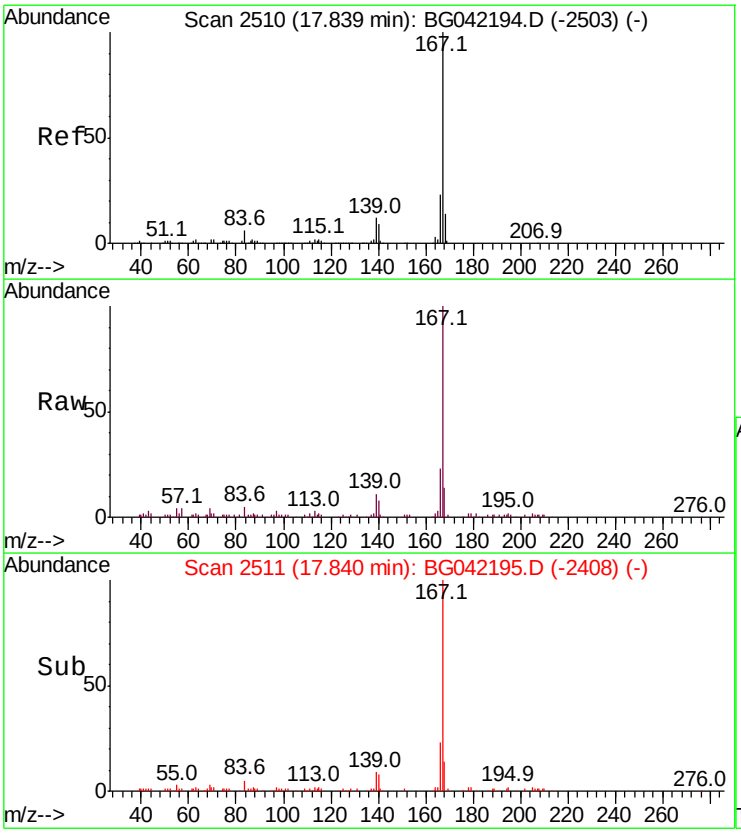
#71
Anthracene
Concen: 4.736 ng/ul
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:178 Resp: 132152

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.4	20.0
176	17.8	15.4	23.2

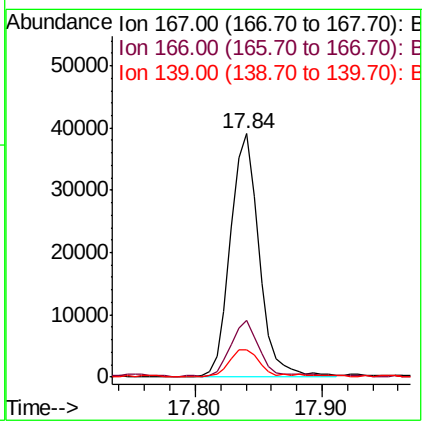


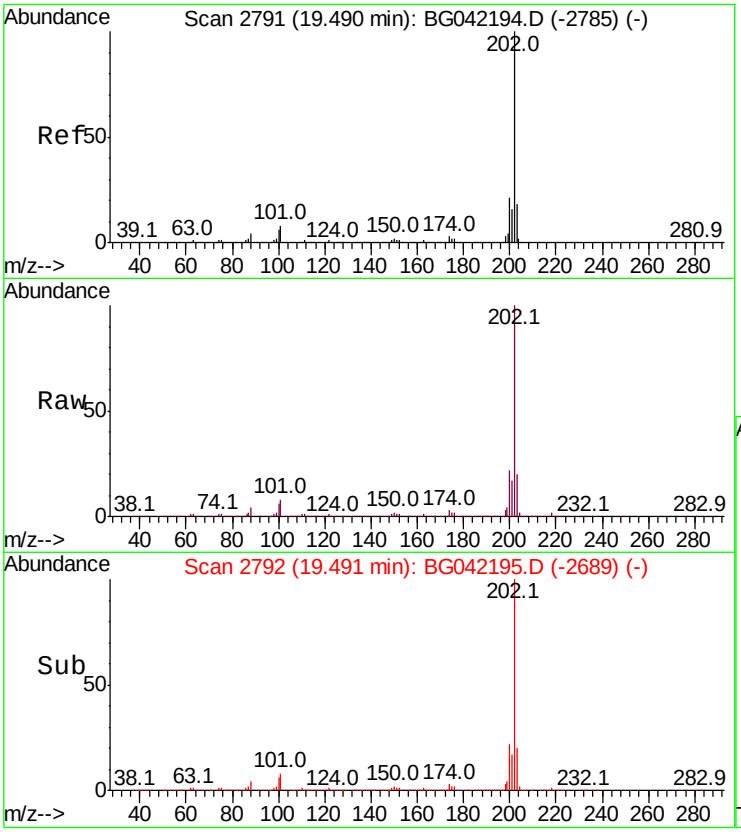


#74
Carbazole
Concen: 2.653 ng/ul
RT: 17.84 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:167 Resp: 61323

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	11.2	9.6	14.4



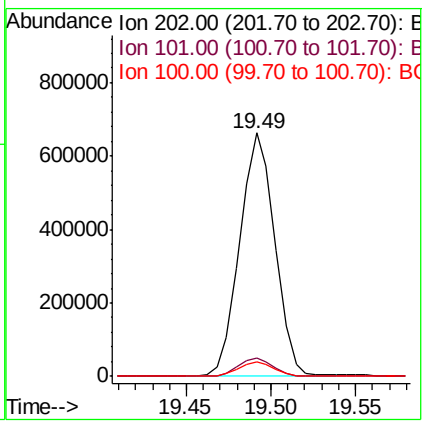


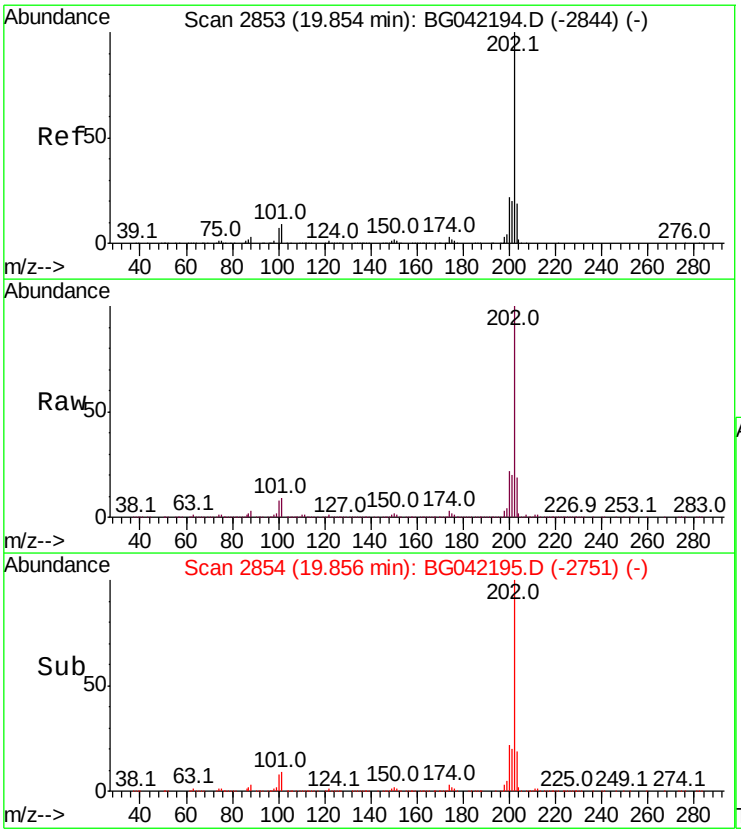
#76
Fluoranthene
Concen: 30.061 ng/ul
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:202 Resp: 955530

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.7	10.1
100	5.9	5.3	7.9

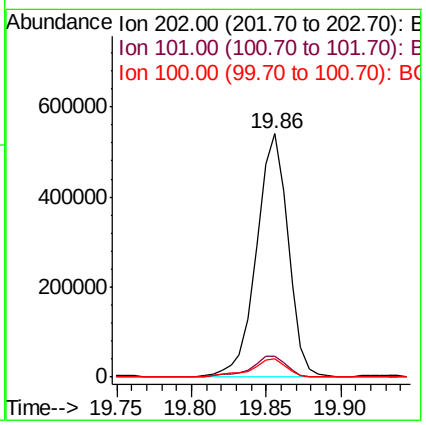


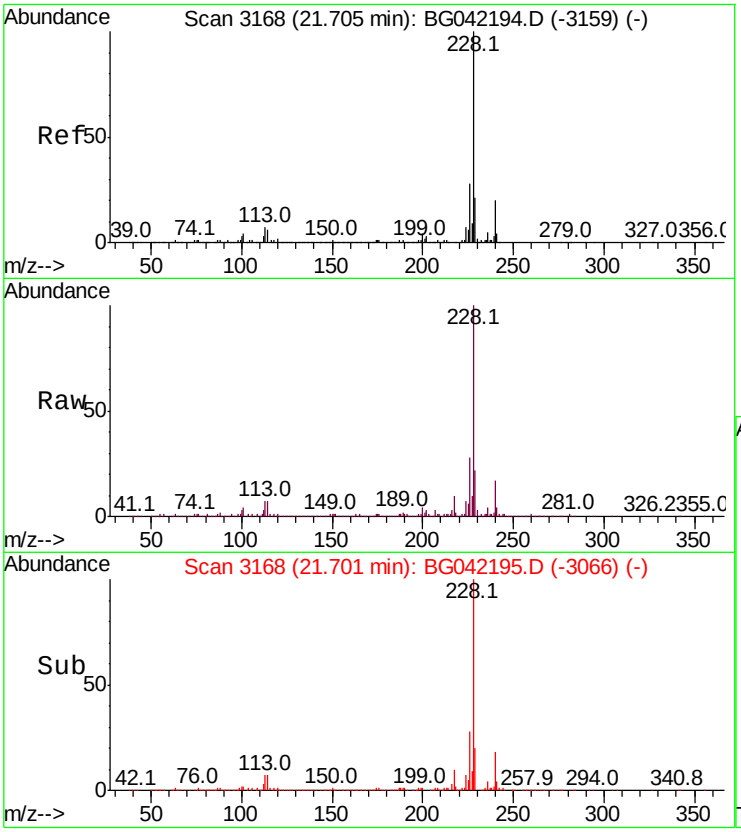


#79
Pyrene
Concen: 24.219 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:202 Resp: 786650

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.6	11.4
100	7.5	6.5	9.7



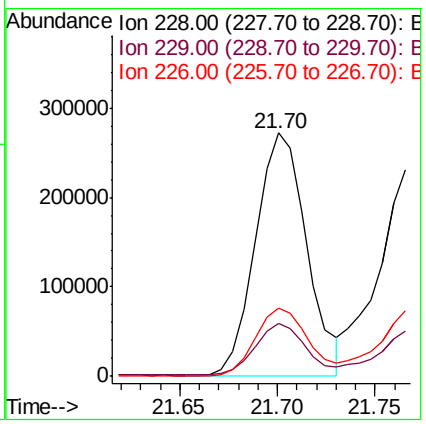


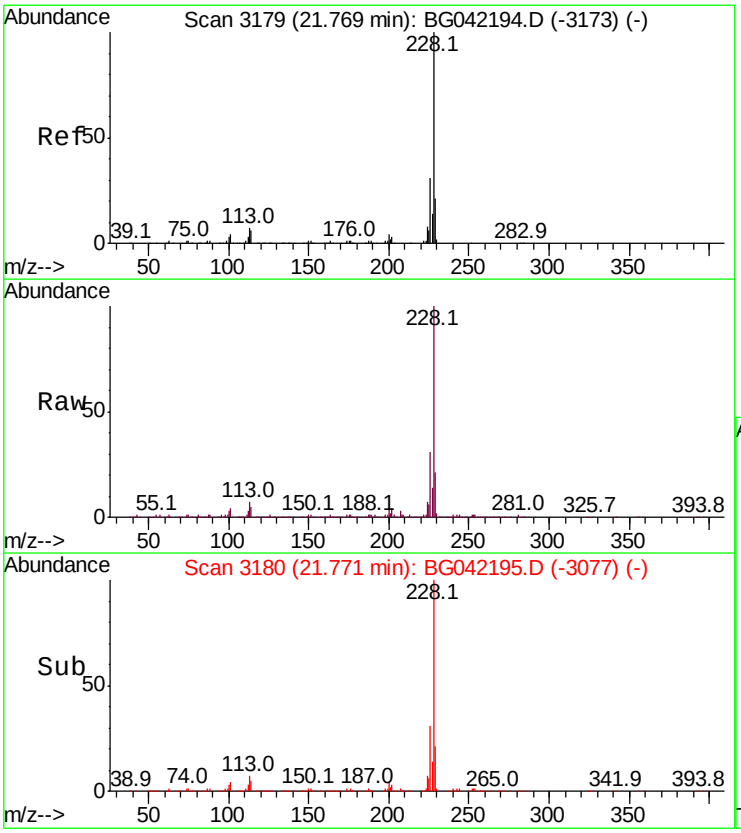
#82
Benzo(a)anthracene
Concen: 14.760 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:228 Resp: 494166

Ion	Ratio	Lower	Upper
228	100		
229	21.5	17.0	25.6
226	28.1	23.3	34.9

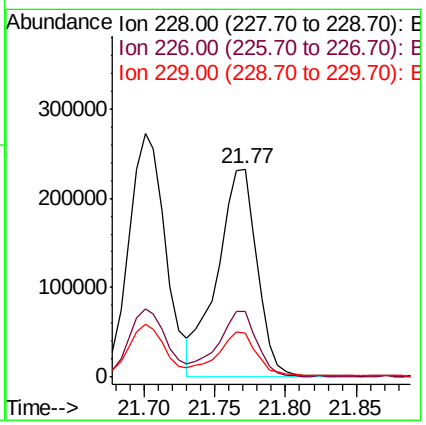


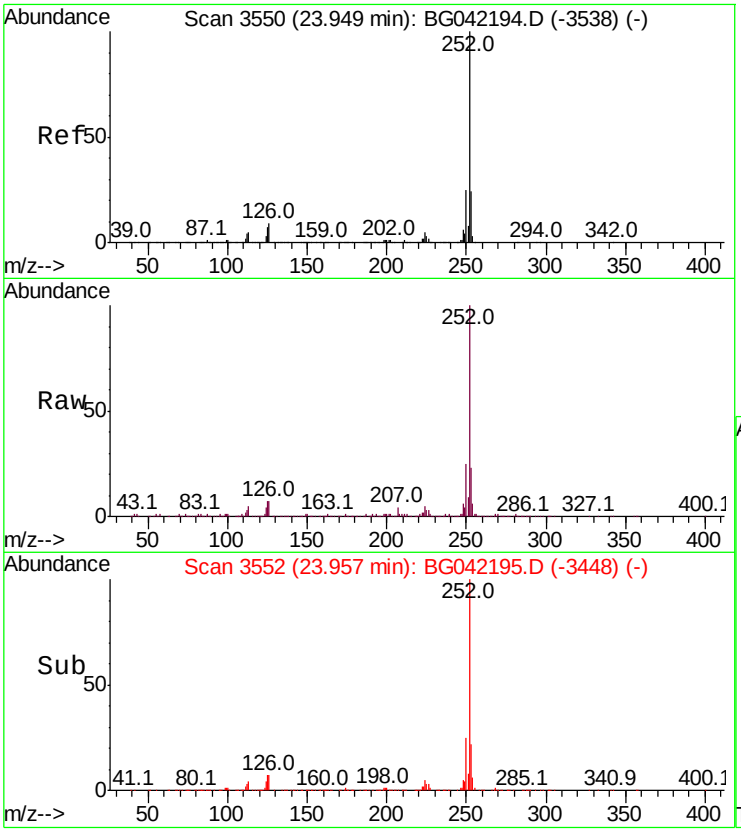


#84
Chrysene
Concen: 14.606 ng/ul
RT: 21.77 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:228 Resp: 456414

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.8	16.6	24.8



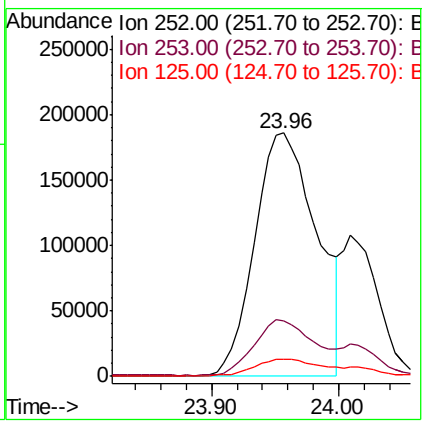


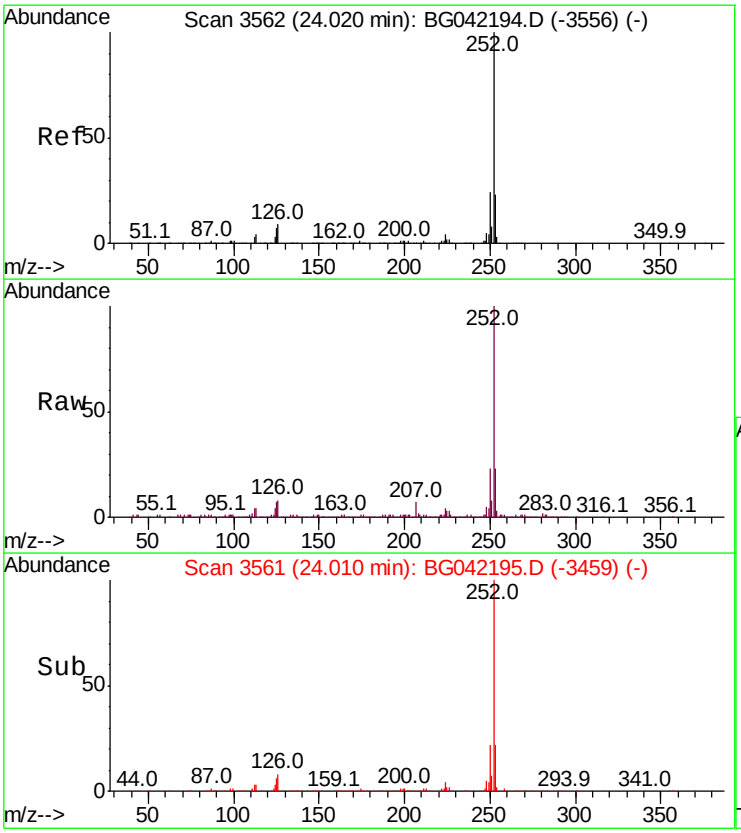
#87
Benzo(b)fluoranthene
Concen: 17.467 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:252 Resp: 631361

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	6.8	5.8	8.8

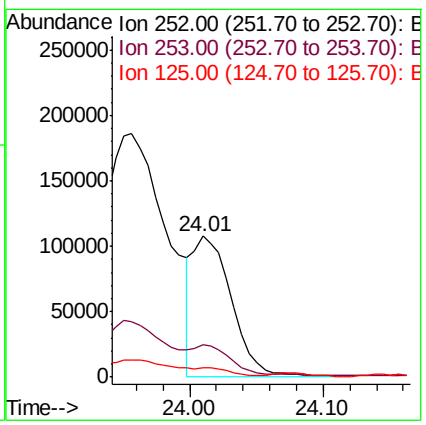


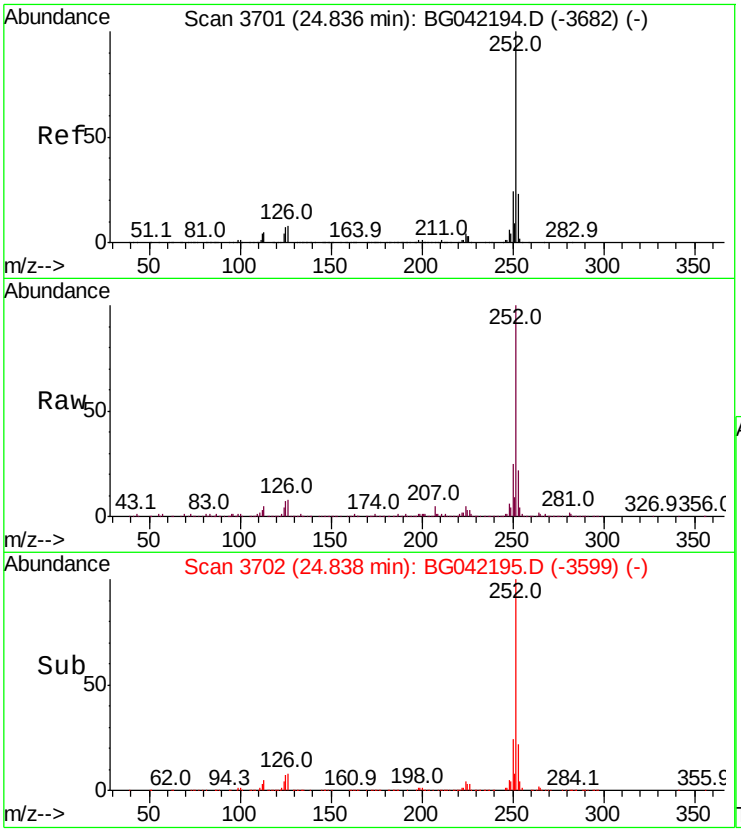


#88
Benzo(k)fluoranthene
Concen: 6.145 ng/ul
RT: 24.01 min Scan# 3561
Delta R.T. -0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:252 Resp: 213582

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	6.8	5.5	8.3



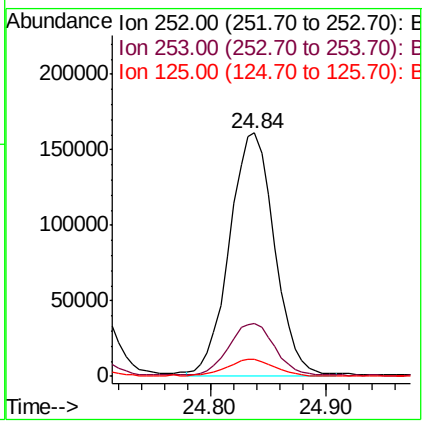


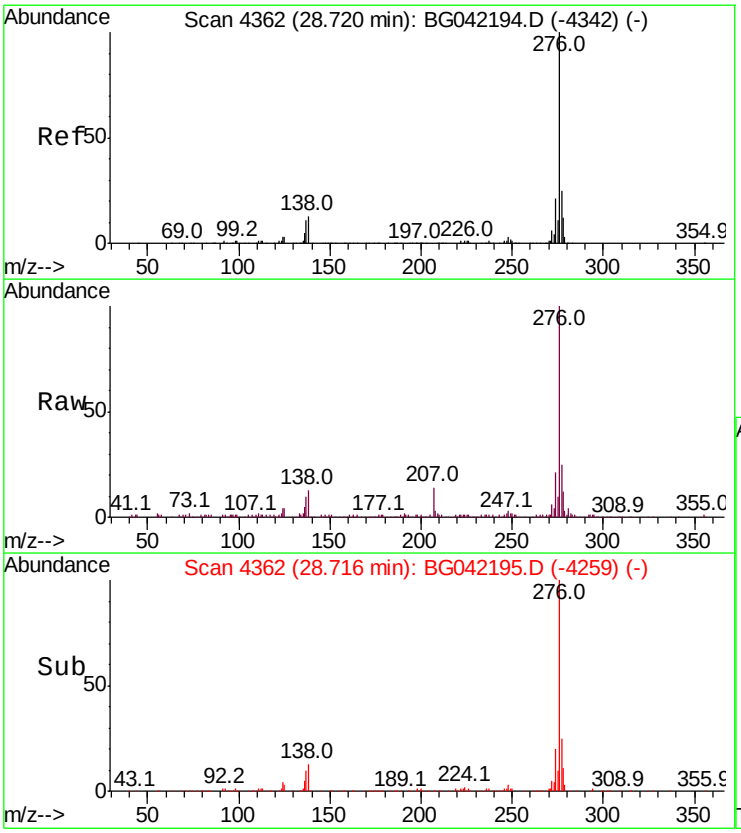
#90
Benzo(a)pyrene
Concen: 12.627 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:252 Resp: 434923

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	7.2	6.5	9.7

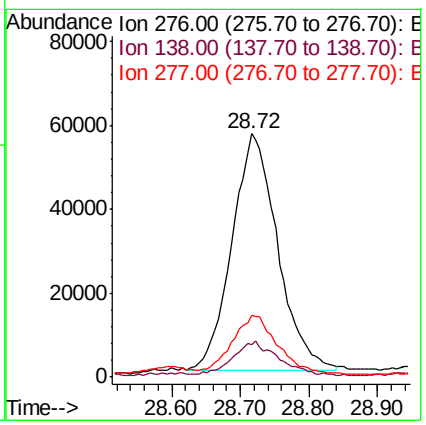


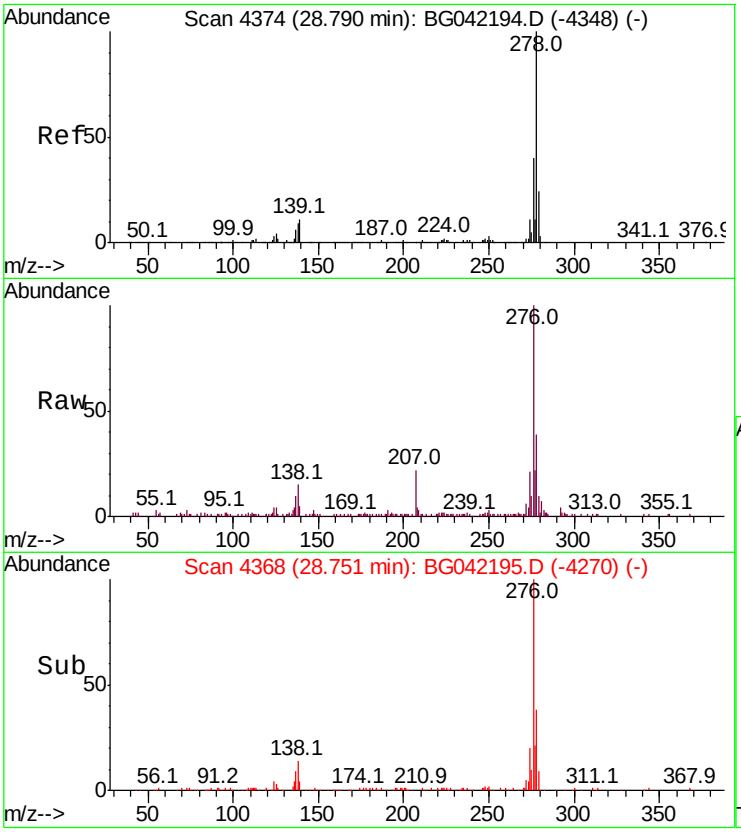


#91
Indeno(1,2,3-cd)pyrene
Concen: 6.457 ng/ul
RT: 28.72 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:276 Resp: 259428

Ion	Ratio	Lower	Upper
276	100		
138	13.3	12.0	18.0
277	25.2	19.2	28.8



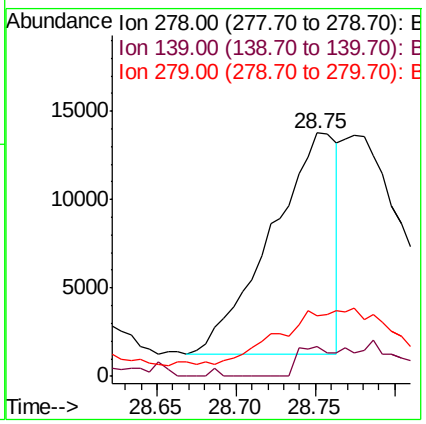


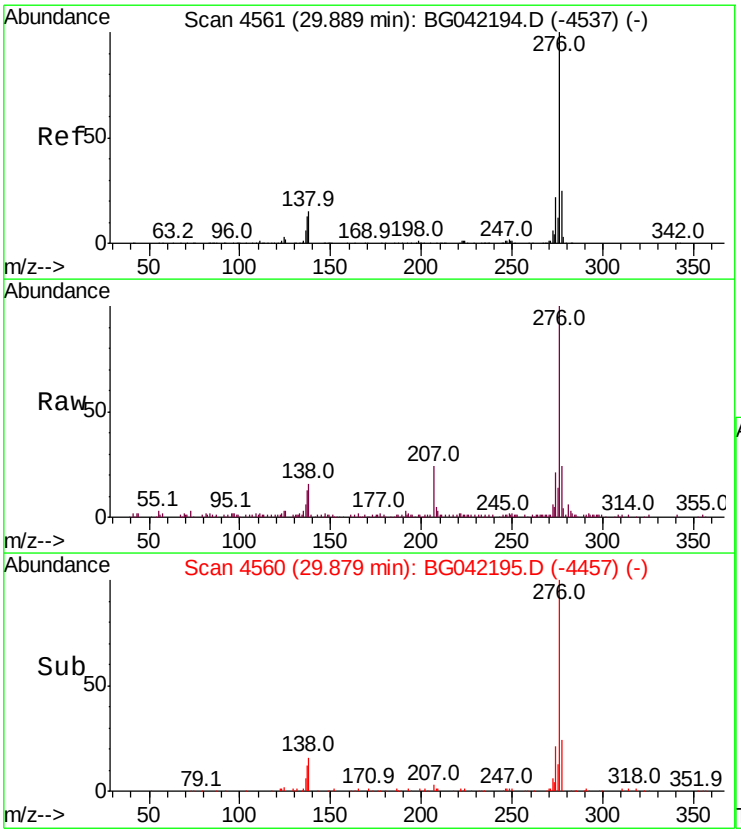
#92
Dibenzo(a,h)anthracene
Concen: 1.104 ng/ul
RT: 28.75 min Scan# 4368
Delta R.T. -0.03 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Instrument :
BNA_G
ClientSampleId :
CB5N2

Tgt Ion:278 Resp: 36194

Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.4	14.0
279	24.8	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 6.009 ng/ul
RT: 29.88 min Scan# 4560
Delta R.T. 0.00 min
Lab File: BG042195.D
Acq: 14 Aug 2019 4:50

Tgt Ion:276 Resp: 201569

Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.6	18.8
277	24.5	19.2	28.8