Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF0

Quant Time: Aug 21 00:39:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	83785	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	348091	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	234503	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	513124	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	500873	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	552652	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	179652	29.97	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	651853	30.20	ng/ul	0.00
10) Fluorene-d10	15.56	176	495725	29.98	ng/ul	0.00
15) Anthracene-d10	17.41	188	708851	29.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	794847	30.83	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	919246	30.48	ng/ul	0.03
Target Compounds						Qvalue
4) Naphthalene	10.79	128	144085	7.958	ng/ul	99
5) 2-Methylnaphthalene	12.40	142	79091	5.730	ng/ul	94
8) Acenaphthylene	14.29	152	67917	3.095	ng/ul	96
9) Acenaphthene	14.63	153	234221	14.949	ng/ul	98
11) Fluorene	15.62	166	278284	15.190	ng/ul	96
14) Phenanthrene	17.45	178	760272	26.932	ng/ul	98
16) Anthracene	17.45	178	763392	26.802	ng/ul	97
17) Fluoranthene	19.38	202	3089269	98.145	ng/ul#	89
21) Benzo(a)anthracene	21.55	228	2027582	62.218	ng/ul#	90
22) Chrysene	21.61	228	1877125	59.585	ng/ul#	91
24) Benzo(b)fluoranthene	23.71	252	2500715	68.427	ng/ul	94
25) Benzo(k)fluoranthene	23.71	252	2500715	68.980	ng/ul	95
27) Benzo(a)pyrene	24.55	252	1820422	54.257	ng/ul	94
28) Indeno(1,2,3-cd)pyrene	28.22	276	1098376	26.145	ng/ul	99
29) Dibenzo(a,h)anthracene	28.24	278	197999	5.813	ng/ul	95
30) Benzo(g,h,i)perylene	29.31	276	625790	17.799	ng/ul	99

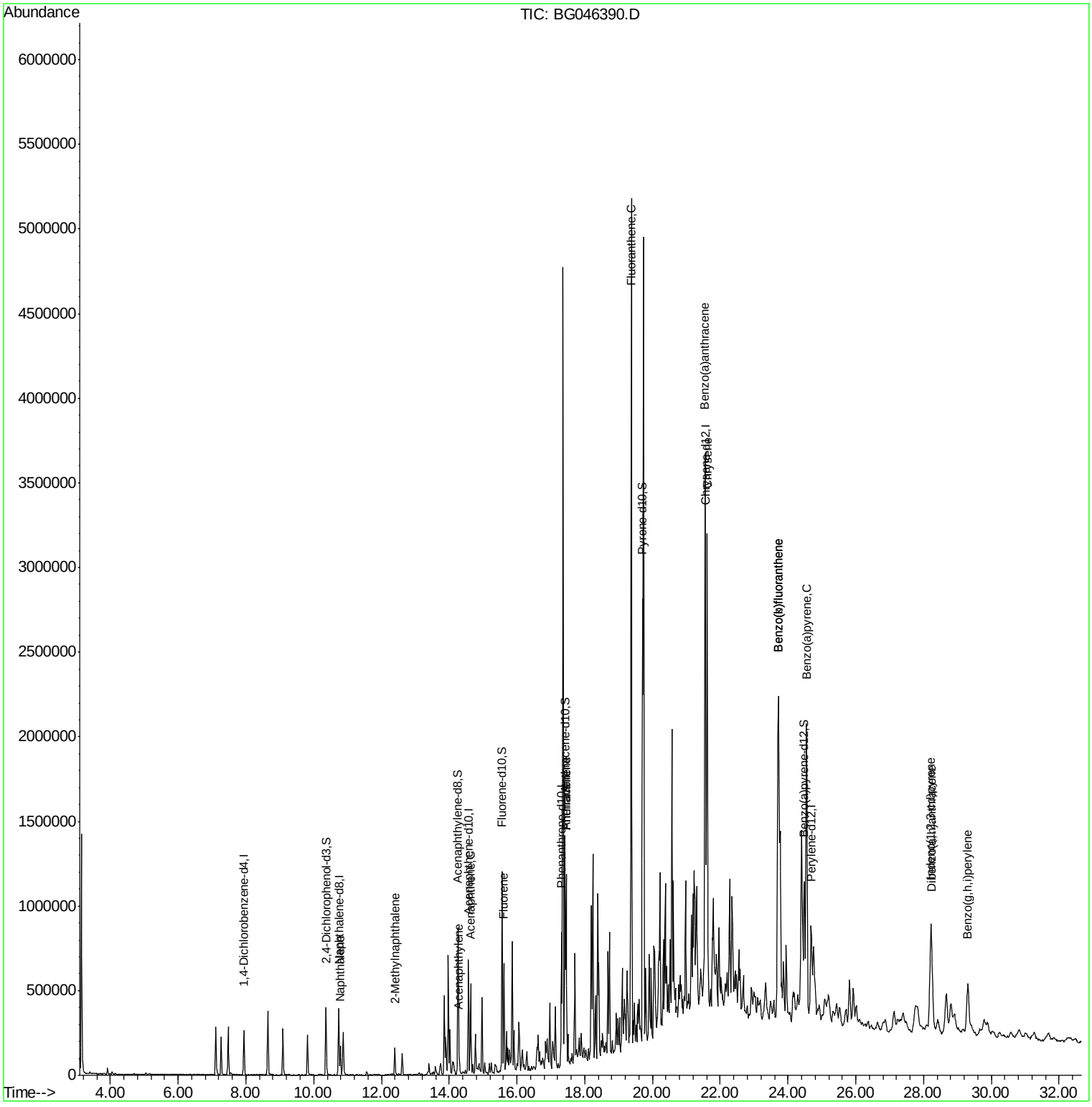
(#) = qualifier out of range (m) = manual integration (+) = signals summed

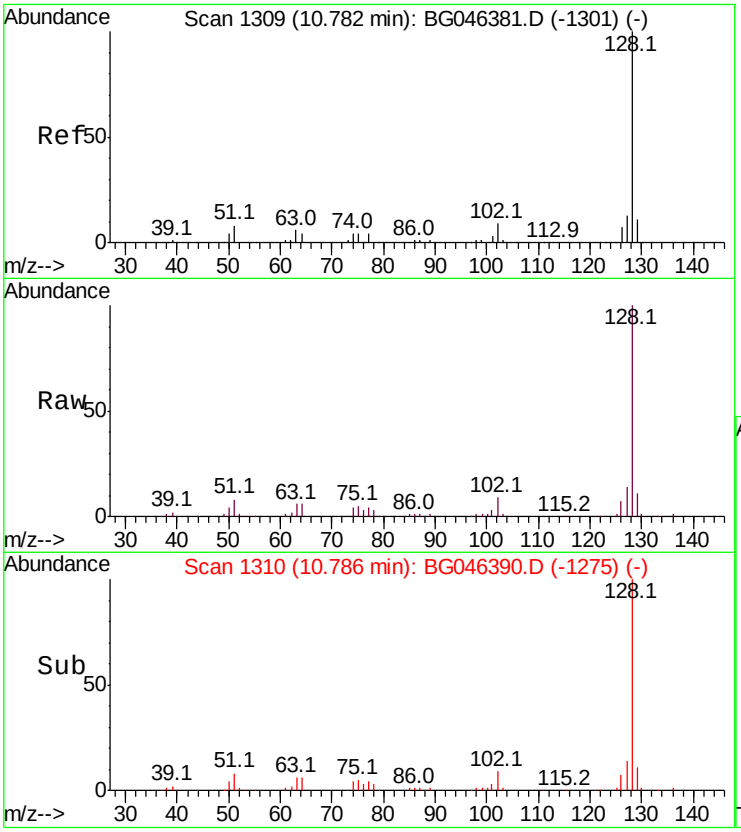
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF0

Quant Time: Aug 21 00:39:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration



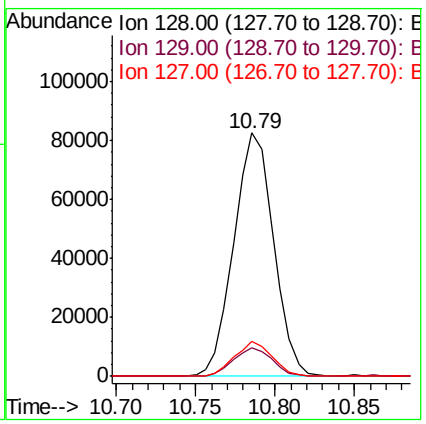


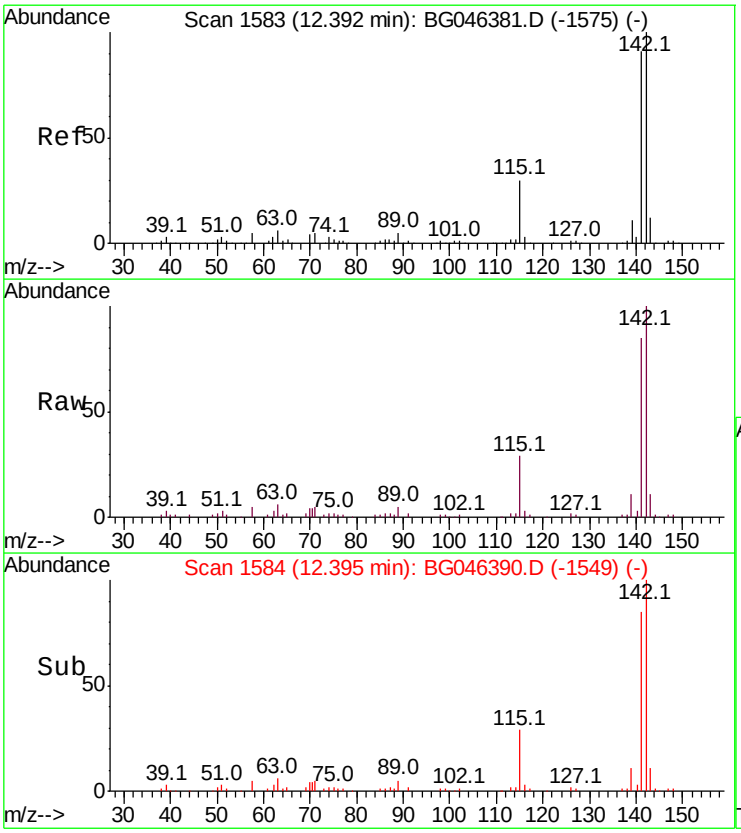
#4
Naphthalene
Concen: 7.958 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:128 Resp: 144085

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.1	10.9	16.3

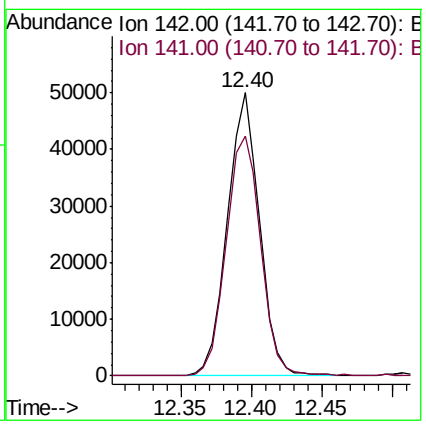


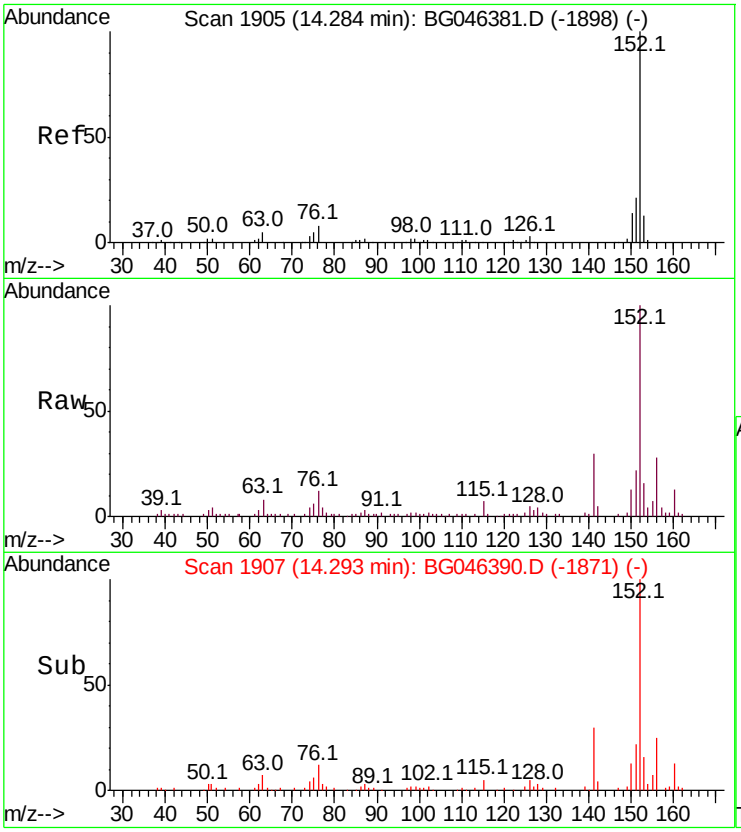


#5
2-Methylnaphthalene
Concen: 5.730 ng/ul
RT: 12.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:142 Resp: 79091

Ion	Ratio	Lower	Upper
142	100		
141	84.8	72.5	108.7



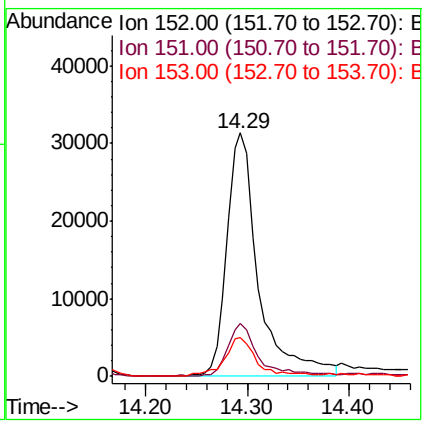


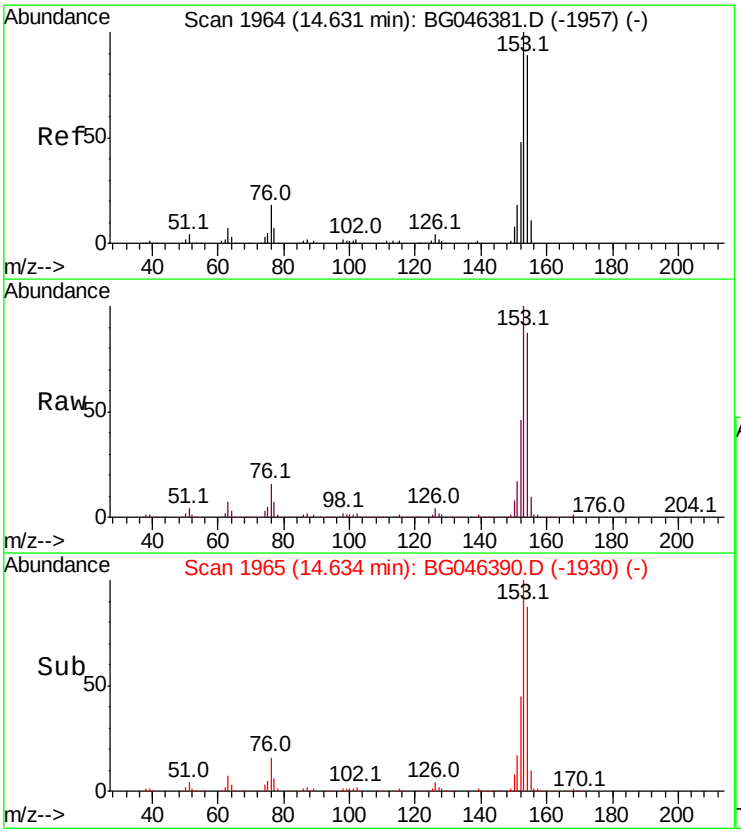
#8
Acenaphthylene
Concen: 3.095 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:152 Resp: 67917

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.5	24.7
153	16.1	11.0	16.6

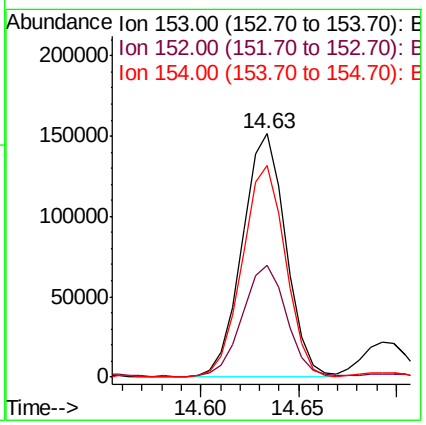


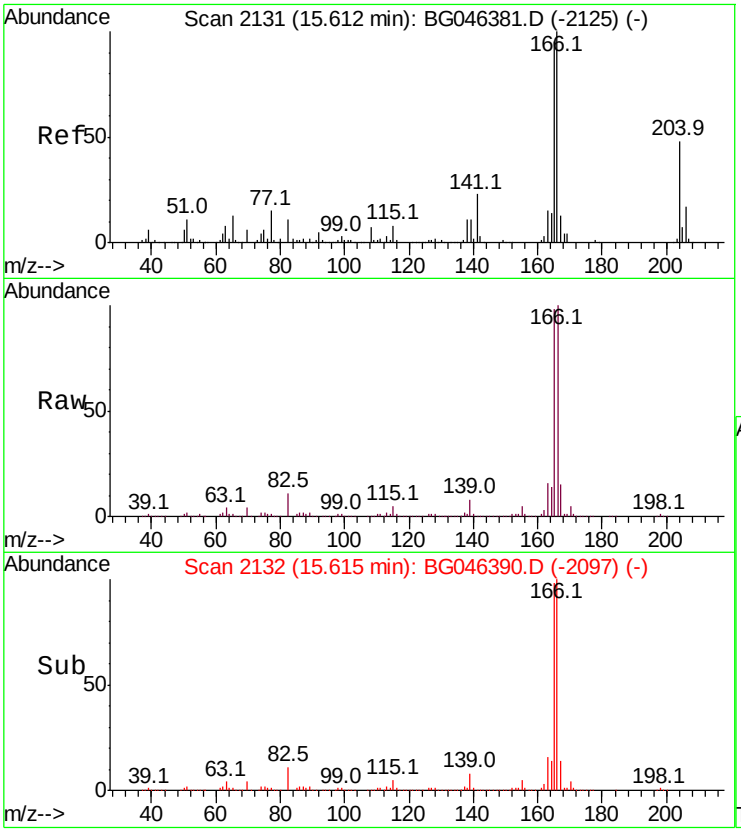


#9
Acenaphthene
Concen: 14.949 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:153 Resp: 234221

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.2	55.8
154	86.9	67.8	101.6



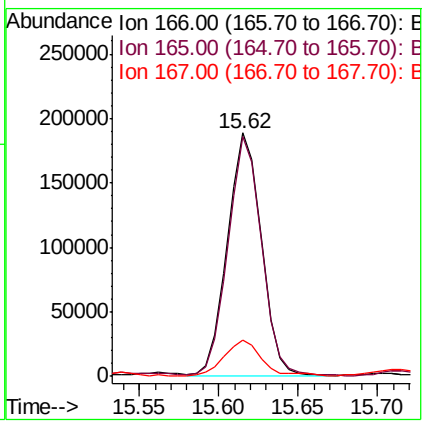


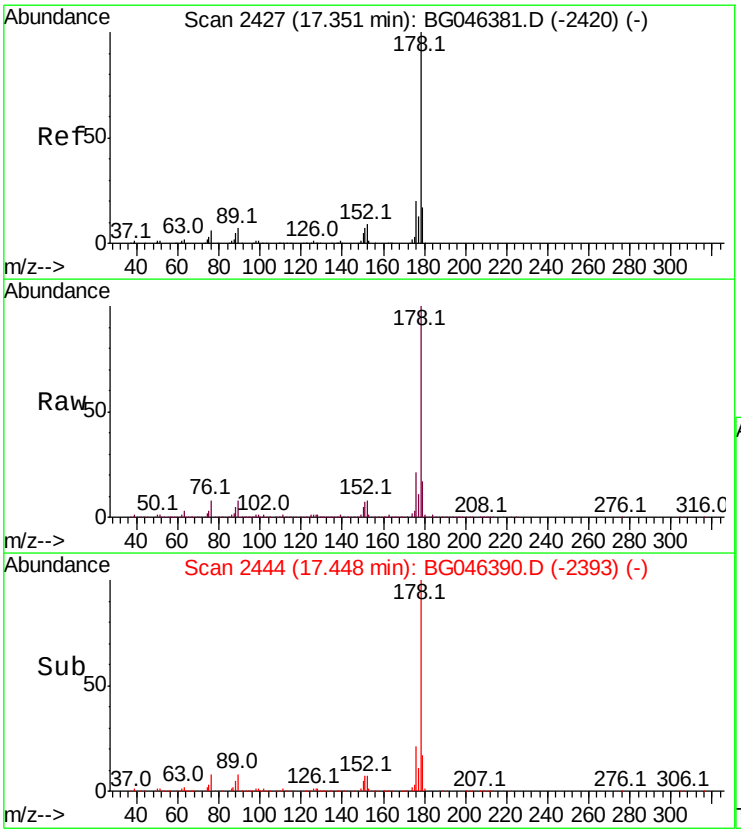
#11
Fluorene
Concen: 15.190 ng/ul
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:166 Resp: 278284

Ion	Ratio	Lower	Upper
166	100		
165	98.4	75.9	113.9
167	14.9	10.7	16.1

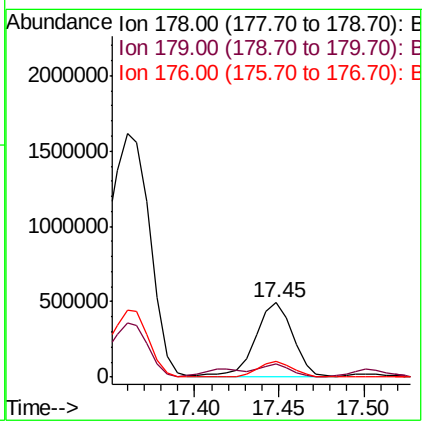


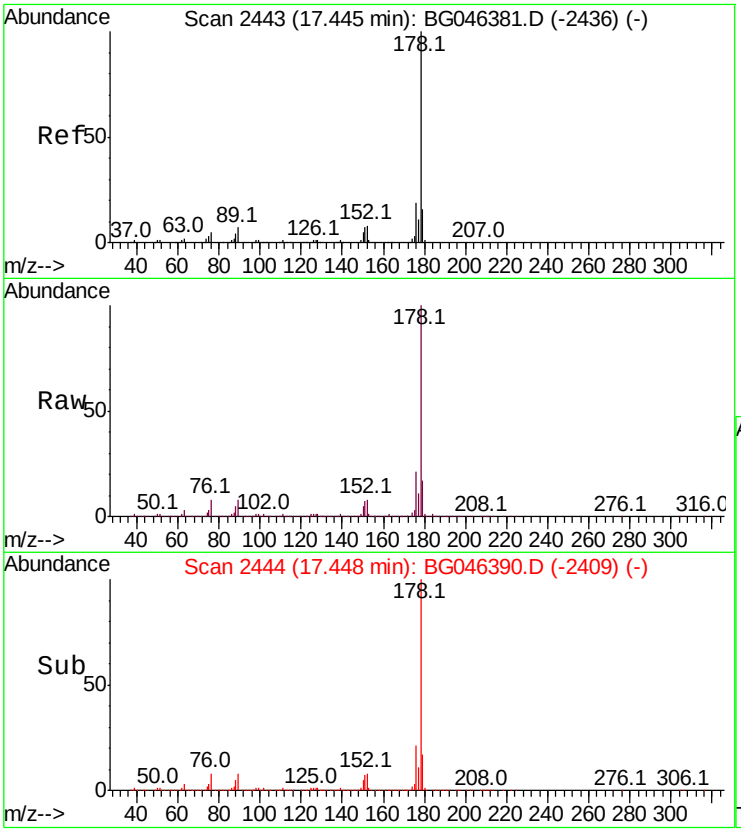


#14
Phenanthrene
Concen: 26.932 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.10 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:178 Resp: 760272

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.8	19.2
176	20.6	15.8	23.8



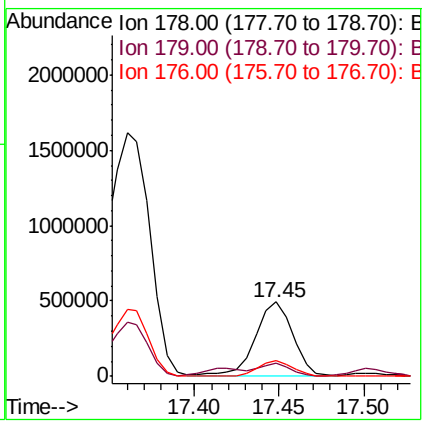


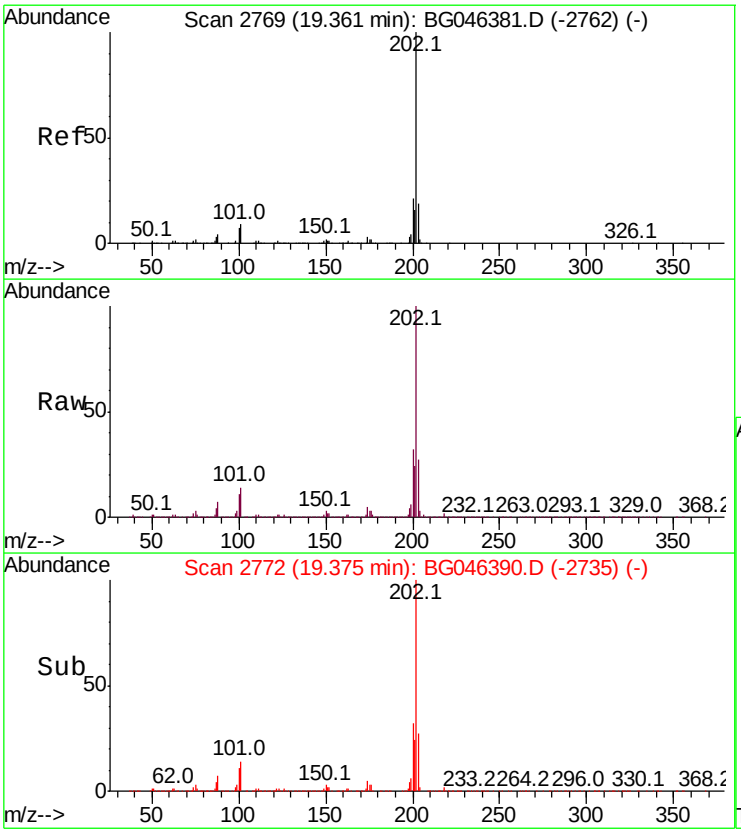
#16
Anthracene
Concen: 26.802 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:178 Resp: 763392

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.2	19.8
176	20.6	15.2	22.8

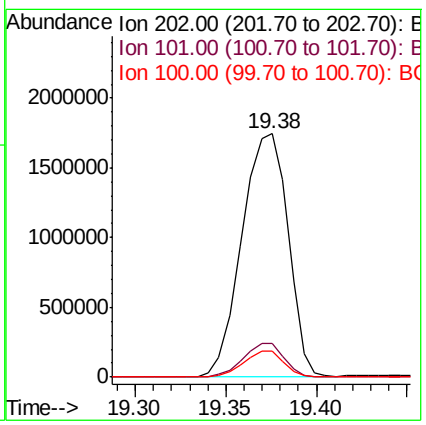


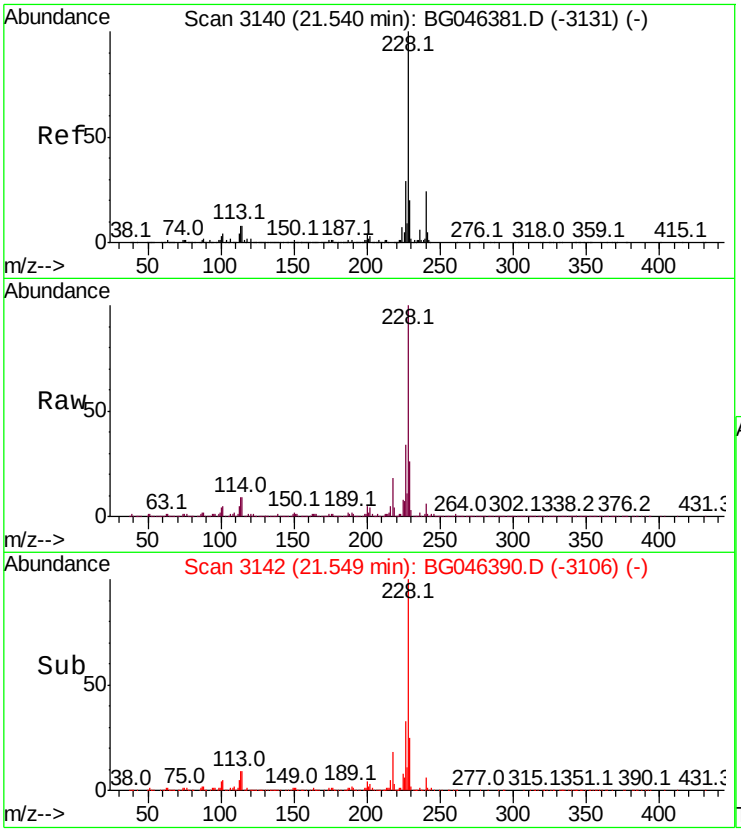


#17
Fluoranthene
Concen: 98.145 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. 0.01 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:202 Resp: 3089269

Ion	Ratio	Lower	Upper
202	100		
101	13.8	7.8	11.6#
100	10.8	5.9	8.9#



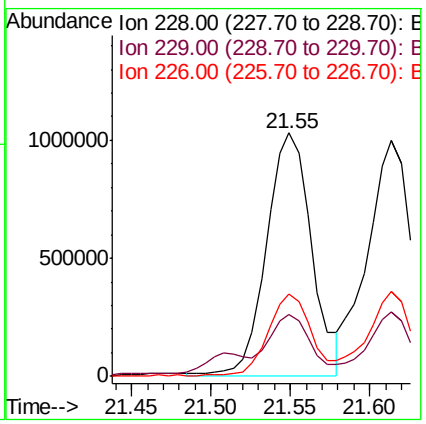


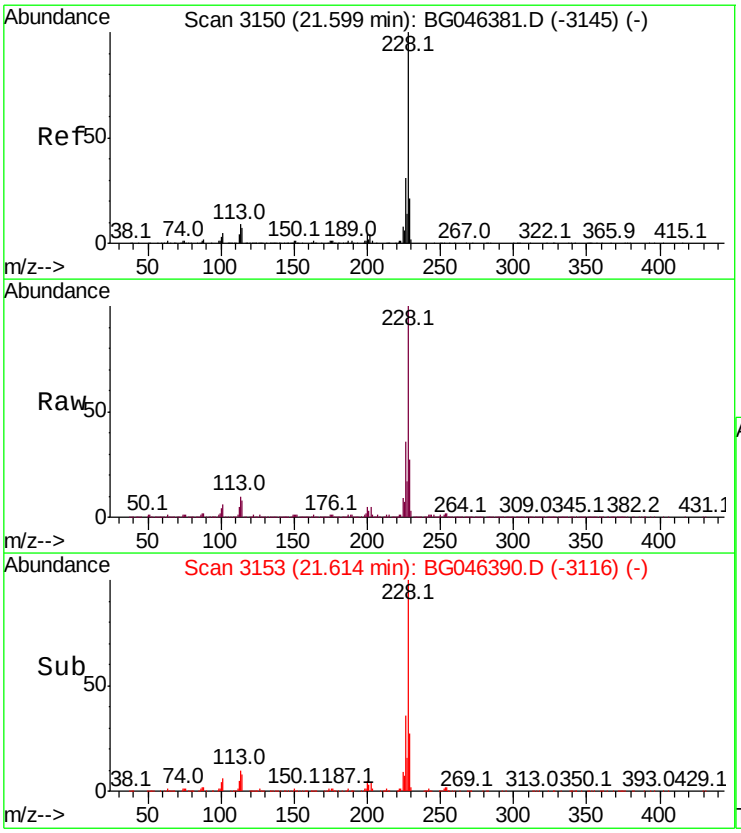
#21
Benzo(a)anthracene
Concen: 62.218 ng/ul
RT: 21.55 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:228 Resp: 2027582

Ion	Ratio	Lower	Upper
228	100		
229	25.6	16.6	25.0#
226	33.7	22.6	33.8

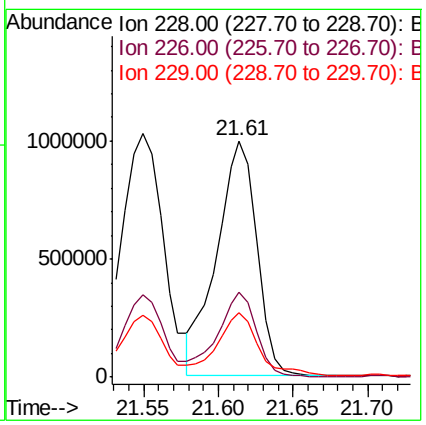


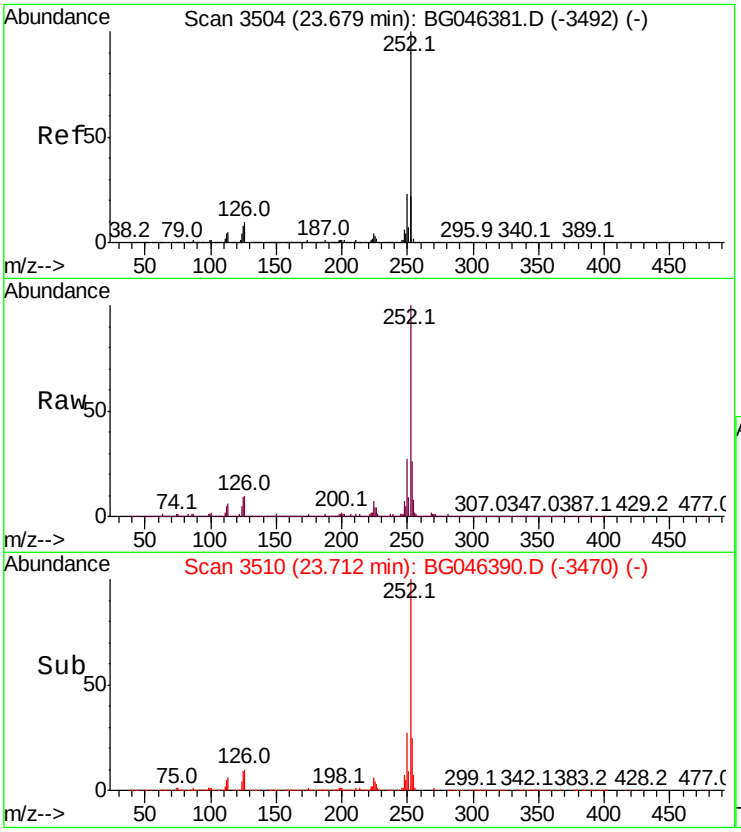


#22
Chrysene
Concen: 59.585 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:228 Resp: 1877125

Ion	Ratio	Lower	Upper
228	100		
226	35.7	25.5	38.3
229	27.3	17.0	25.4#



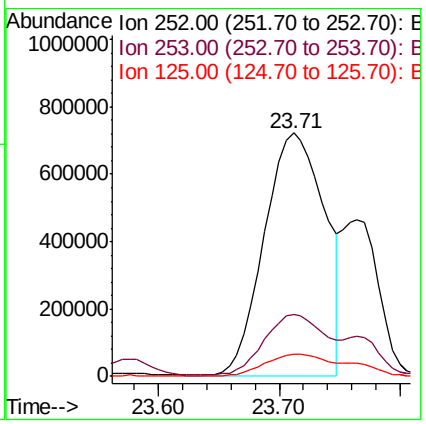


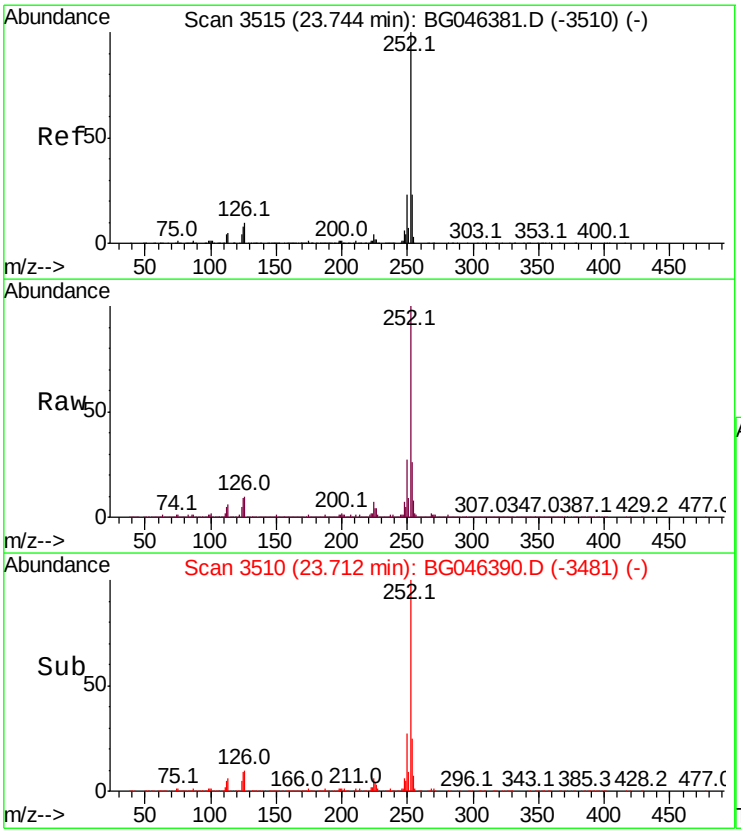
#24
Benzo(b)fluoranthene
Concen: 68.427 ng/ul
RT: 23.71 min Scan# 3510
Delta R.T. 0.03 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:252 Resp: 2500715

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	9.0	6.4	9.6

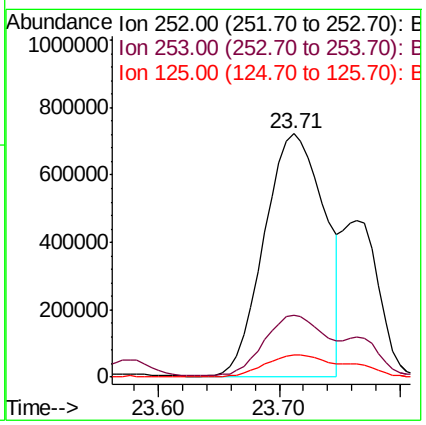


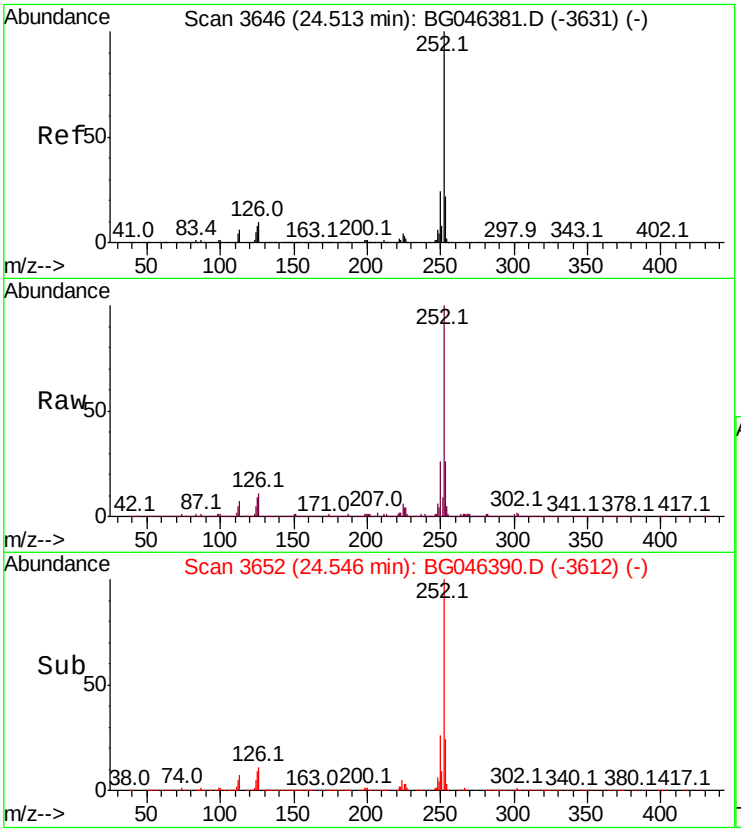


#25
Benzo(k)fluoranthene
Concen: 68.980 ng/ul
RT: 23.71 min Scan# 3510
Delta R.T. -0.03 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:252 Resp: 2500715

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	9.0	6.2	9.2



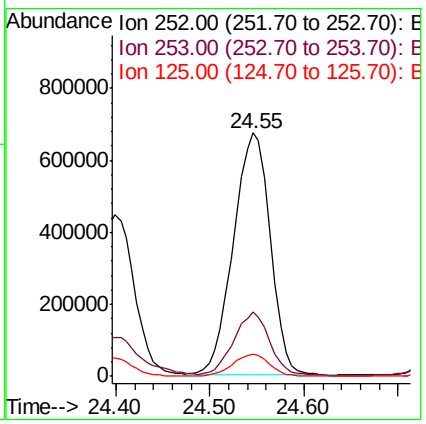


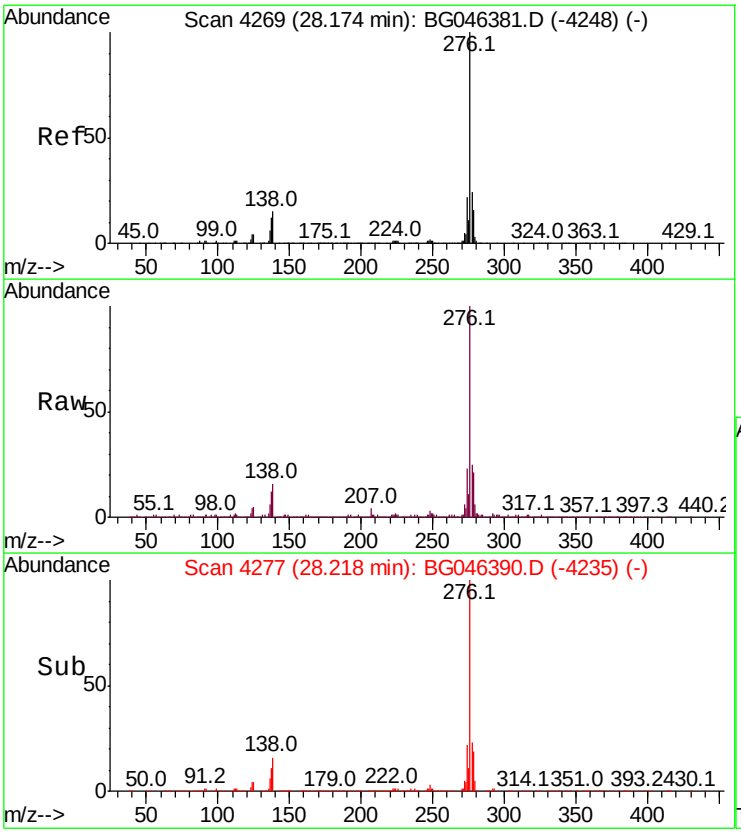
#27
Benzo(a)pyrene
Concen: 54.257 ng/ul
RT: 24.55 min Scan# 3652
Delta R.T. 0.03 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:252 Resp: 1820422

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	9.4	7.1	10.7

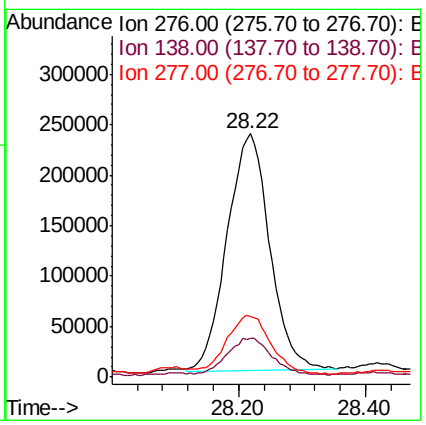


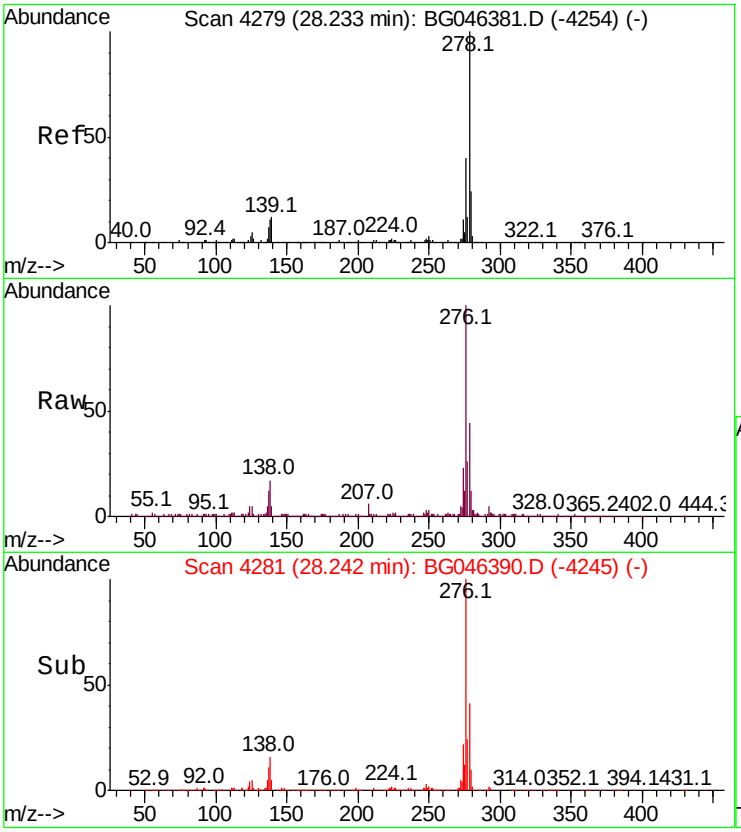


#28
Indeno(1,2,3-cd)pyrene
Concen: 26.145 ng/ul
RT: 28.22 min Scan# 4277
Delta R.T. 0.04 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:276 Resp: 1098376

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.2	19.8
277	25.0	19.9	29.9



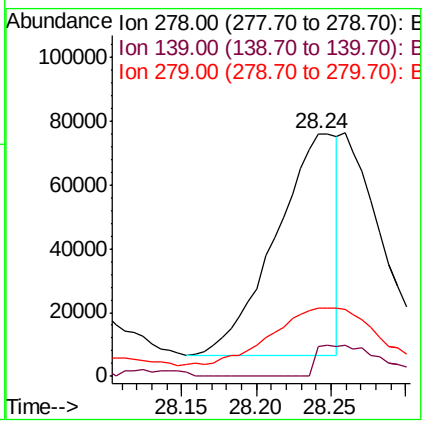


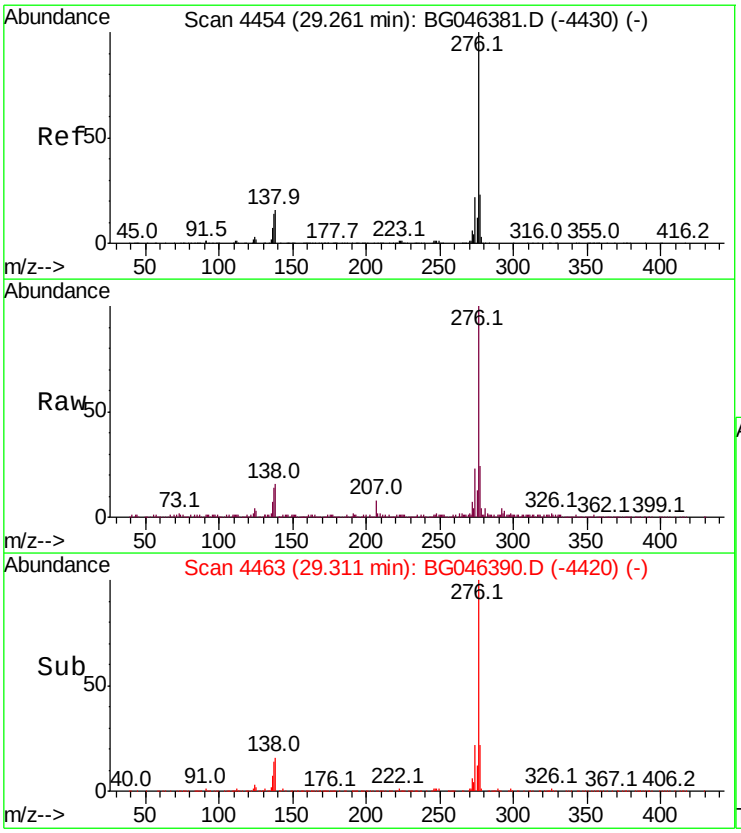
#29
Dibenzo(a,h)anthracene
Concen: 5.813 ng/ul
RT: 28.24 min Scan# 4281
Delta R.T. 0.01 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Instrument :
BNA_G
ClientSampleId :
BFMF0

Tgt Ion:278 Resp: 197999

Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.8	14.8
279	28.1	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 17.799 ng/ul
RT: 29.31 min Scan# 4463
Delta R.T. 0.05 min
Lab File: BG046390.D
Acq: 20 Aug 2020 22:38

Tgt Ion:276 Resp: 625790

Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.9	19.3
277	23.8	19.4	29.0