Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046389.D
Acq On : 20 Aug 2020 21:57
Operator : CG/JU
Sample : L3634-03
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF1

Quant Time: Aug 21 00:39:31 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	92531	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	355141	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	225719	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	496147	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	519089	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	562928	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	186817	30.55	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	642772	30.94	ng/ul	0.00
10) Fluorene-d10	15.56	176	479188	30.10	ng/ul	0.00
15) Anthracene-d10	17.41	188	683003	29.70	ng/ul	0.00
19) Pyrene-d10	19.70	212	813442	30.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	935574	30.46	ng/ul	0.02
Target Compounds						Qvalue
4) Naphthalene	10.78	128	65556	3.549	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	32840	2.332	ng/ul	92
8) Acenaphthylene	14.29	152	60800	2.879	ng/ul	97
9) Acenaphthene	14.63	153	92608	6.140	ng/ul	96
11) Fluorene	15.61	166	104783	5.942	ng/ul	96
14) Phenanthrene	17.36	178	1620400	59.366	ng/ul	93
16) Anthracene	17.45	178	389045	14.126	ng/ul	99
17) Fluoranthene	19.37	202	2190834	71.984	ng/ul#	95
20) Pyrene	19.73	202	1993217	58.498	ng/ul	97
21) Benzo(a)anthracene	21.54	228	1375922	40.740	ng/ul	94
22) Chrysene	21.54	228	1375312	42.124	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	1660391	44.604	ng/ul	96
25) Benzo(k)fluoranthene	23.70	252	1660391	44.964	ng/ul	97
27) Benzo(a)pyrene	24.54	252	1205937	35.287	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.20	276	735529	17.188	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	119211	3.436	ng/ul#	92
30) Benzo(g,h,i)perylene	29.29	276	398270	11.121	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 20 Aug 2020 21:57
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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION
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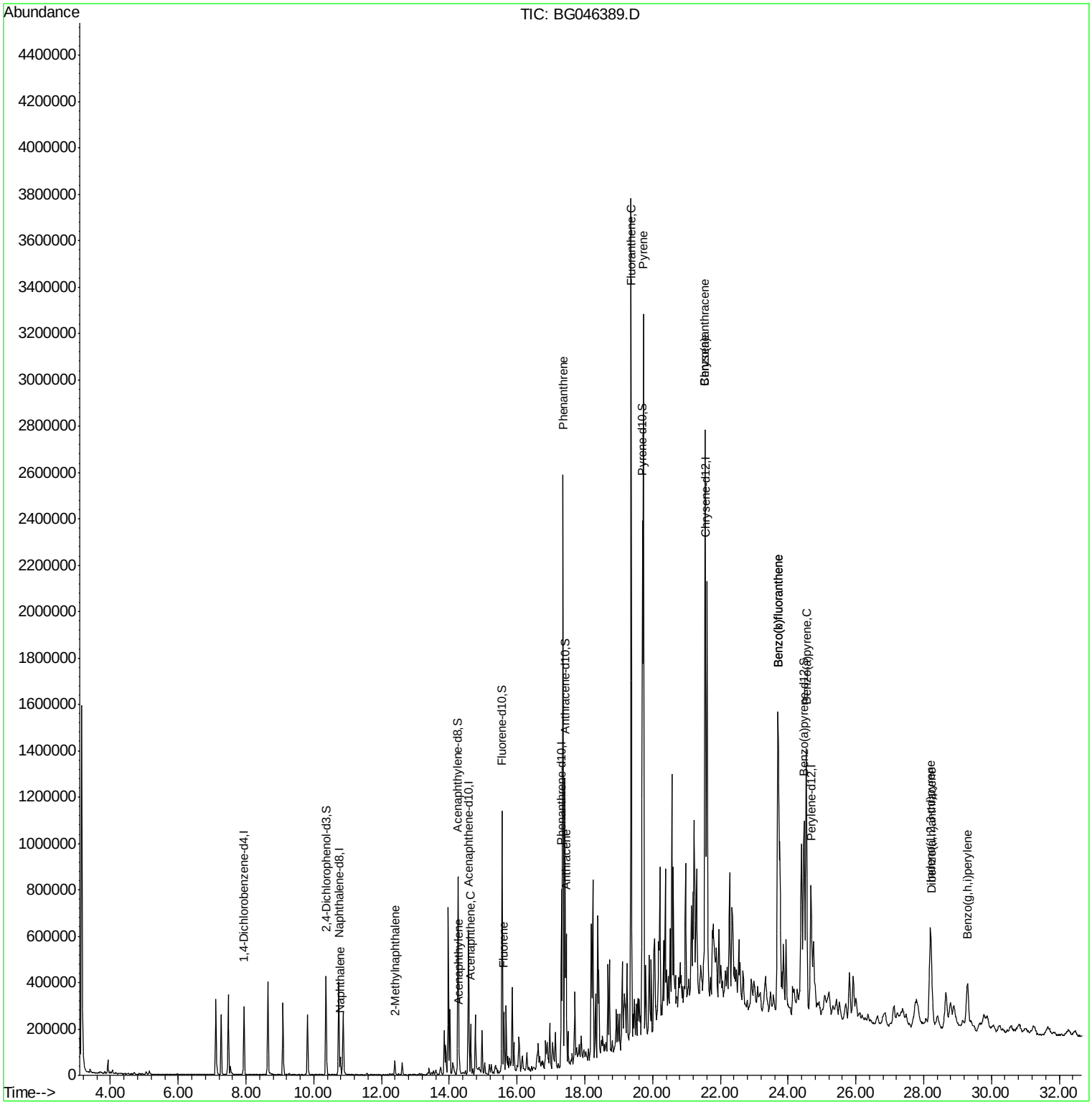
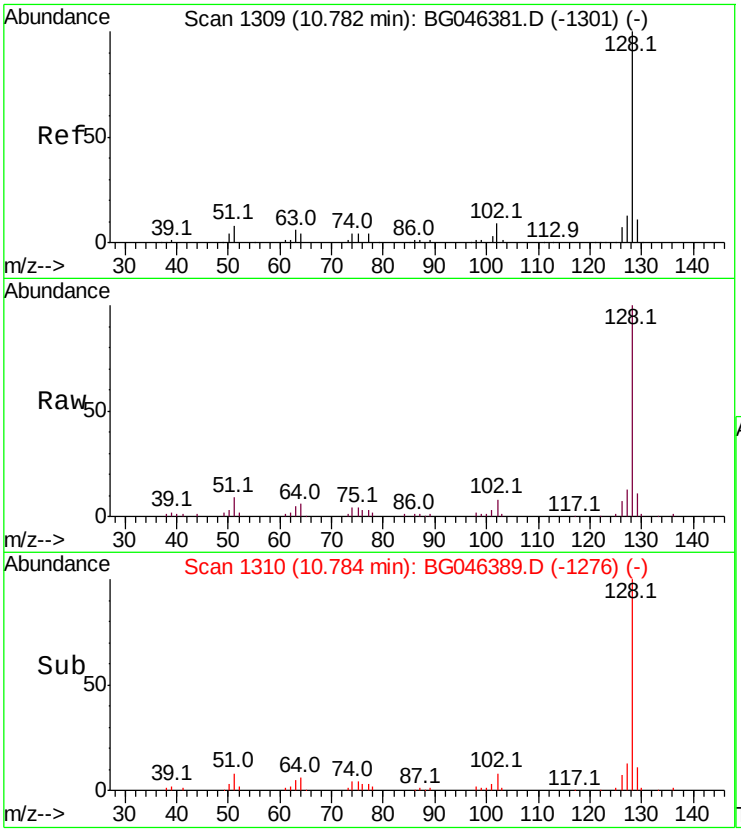
Response via : Initial Calibration



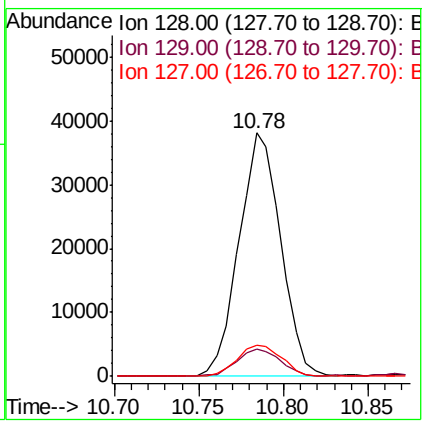


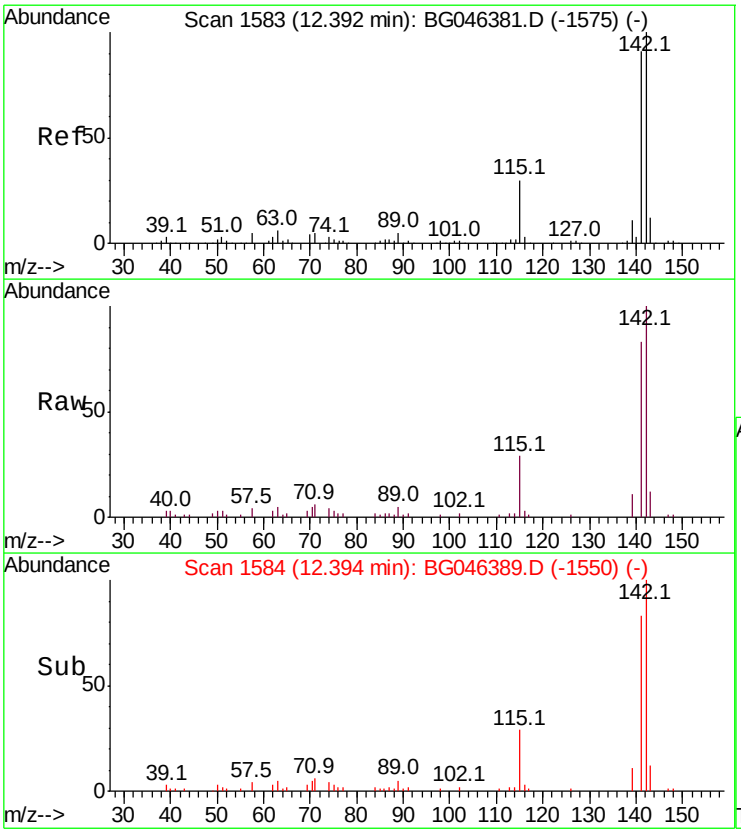
#4
Naphthalene
Concen: 3.549 ng/ul
RT: 10.78 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:128 Resp: 65556

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.8	10.9	16.3

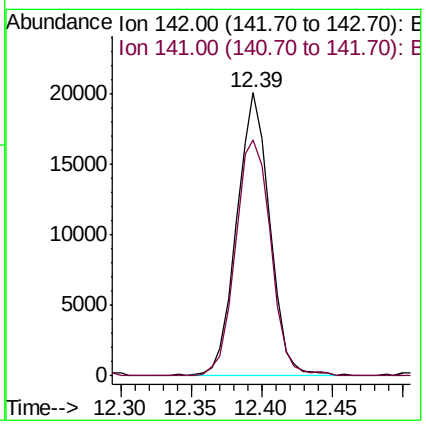


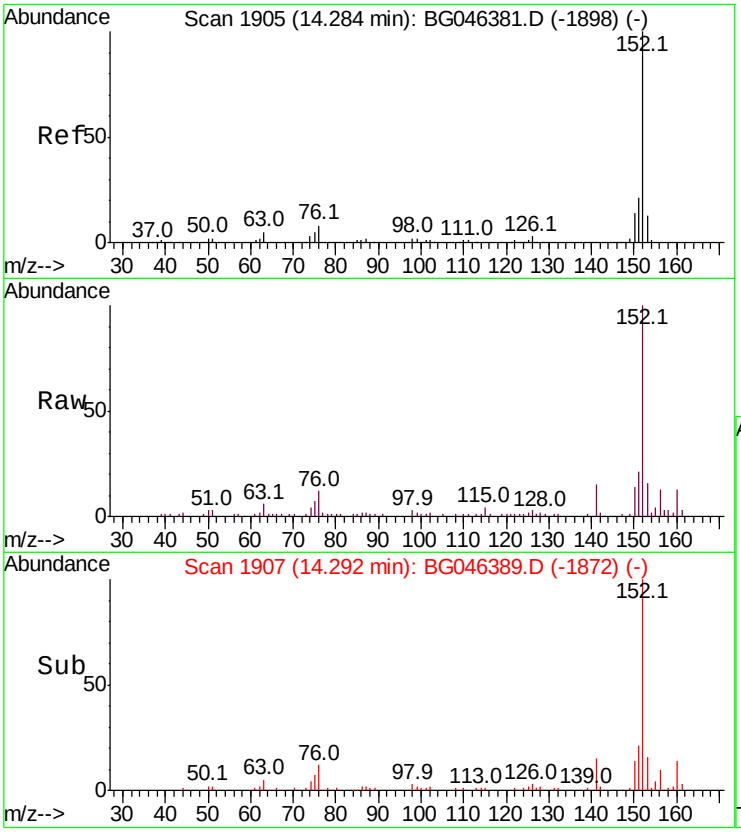


#5
2-Methylnaphthalene
Concen: 2.332 ng/ul
RT: 12.39 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:142 Resp: 32840

Ion	Ratio	Lower	Upper
142	100		
141	83.3	72.5	108.7



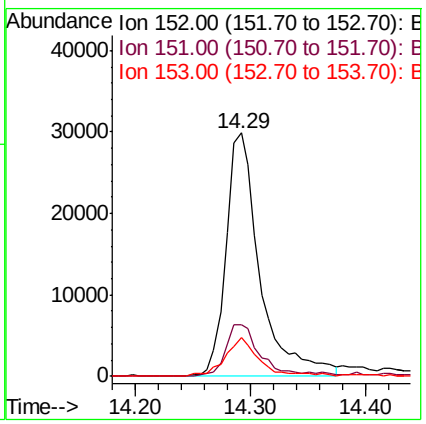


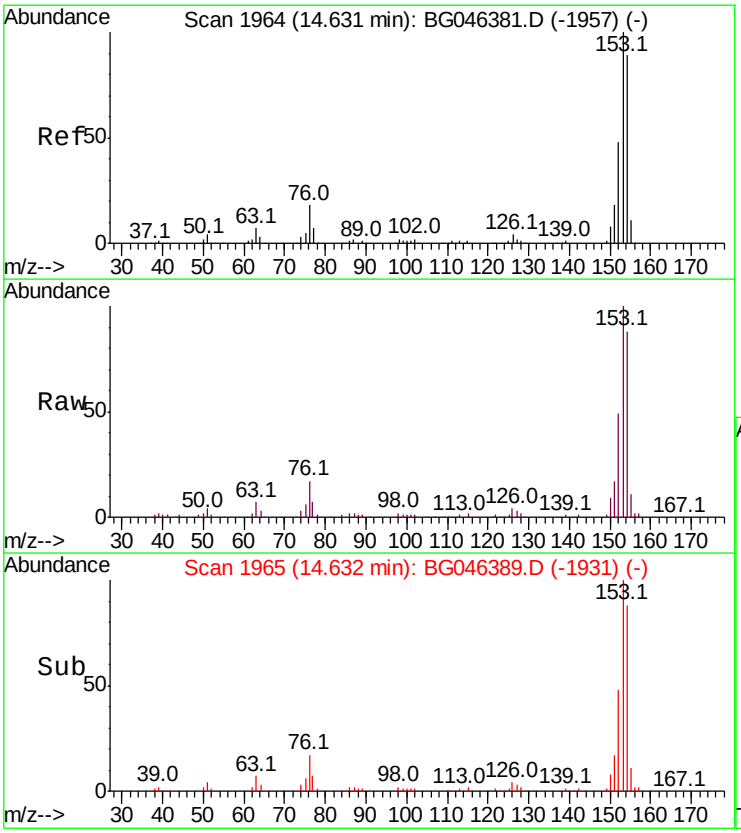
#8
Acenaphthylene
Concen: 2.879 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:152 Resp: 60800

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7
153	15.7	11.0	16.6

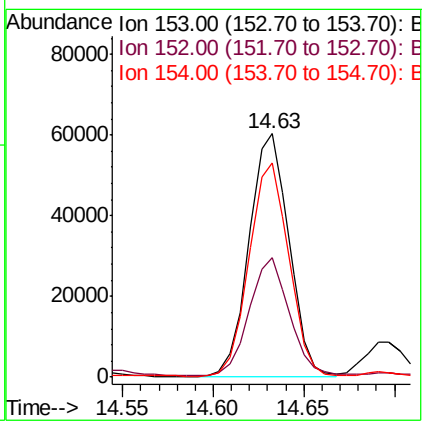


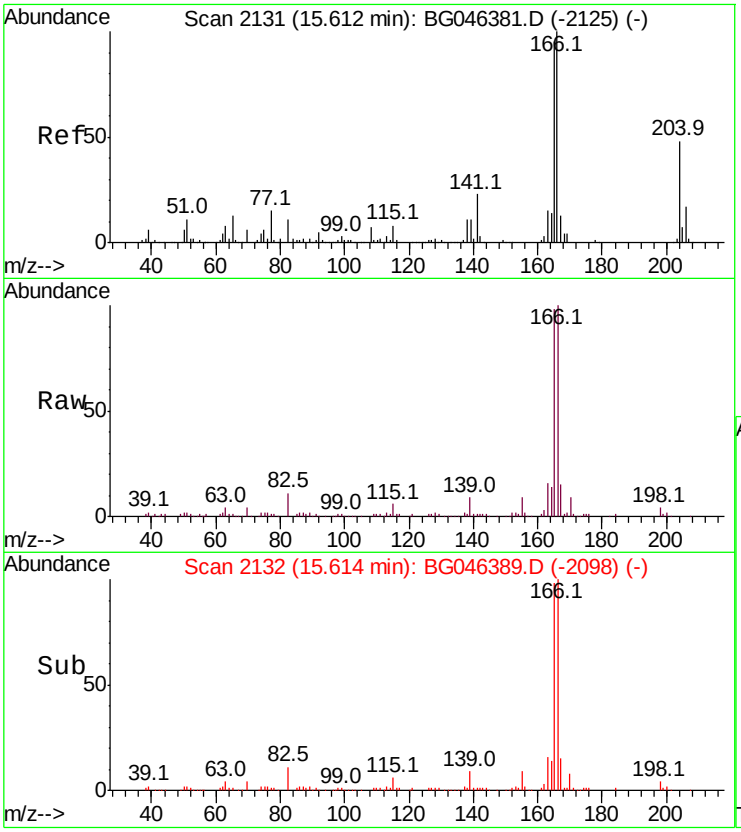


#9
Acenaphthene
Concen: 6.140 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:153 Resp: 92608

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.2	55.8
154	87.9	67.8	101.6



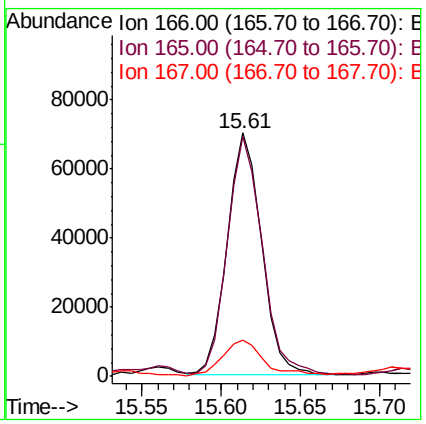


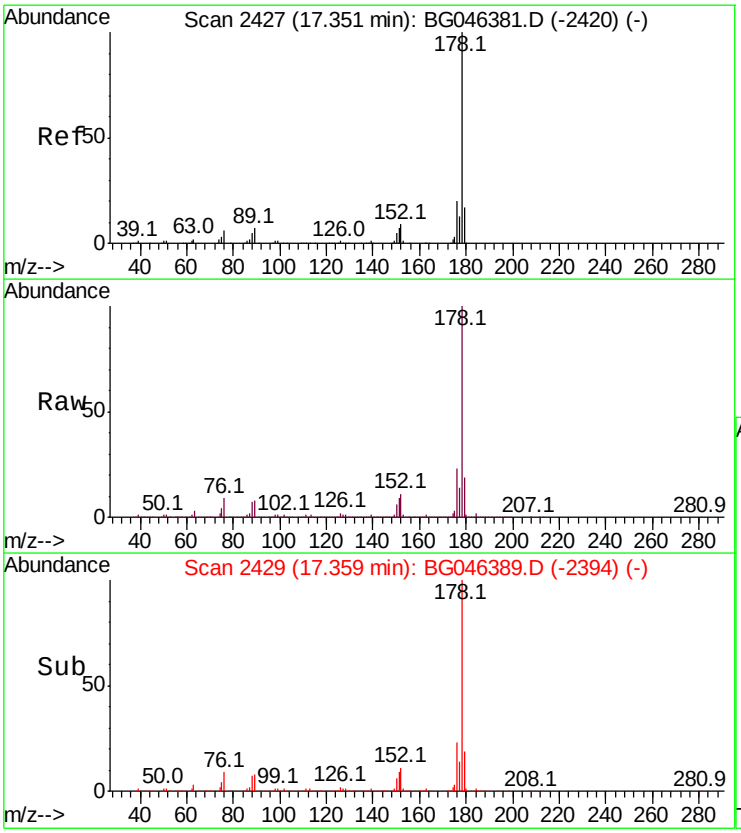
#11
Fluorene
Concen: 5.942 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:166 Resp: 104783

Ion	Ratio	Lower	Upper
166	100		
165	98.4	75.9	113.9
167	15.0	10.7	16.1

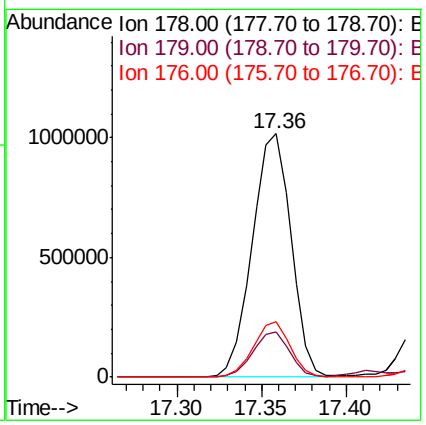


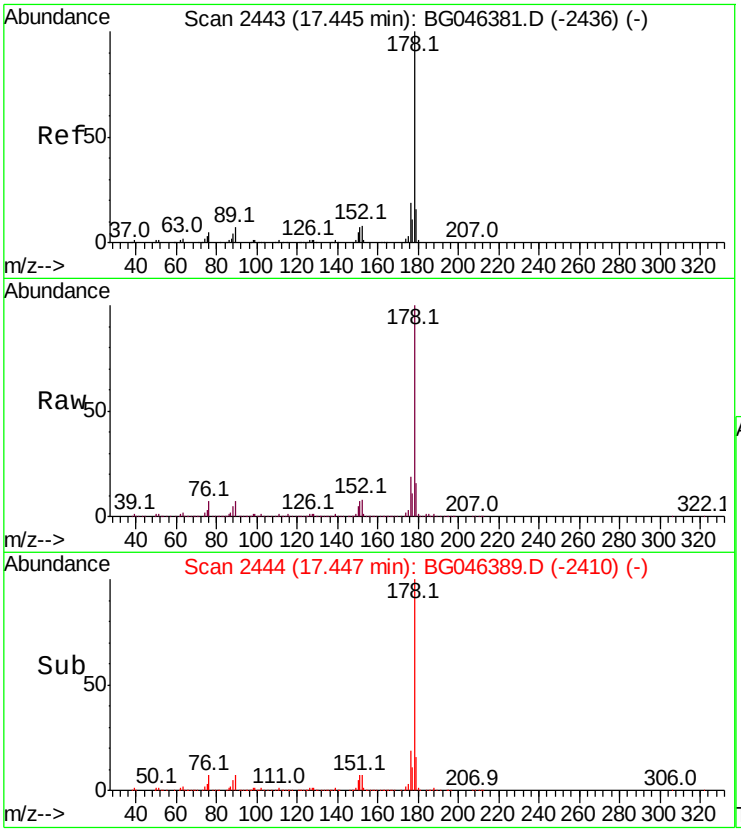


#14
Phenanthrene
Concen: 59.366 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:178 Resp: 1620400

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.8	19.2
176	23.0	15.8	23.8



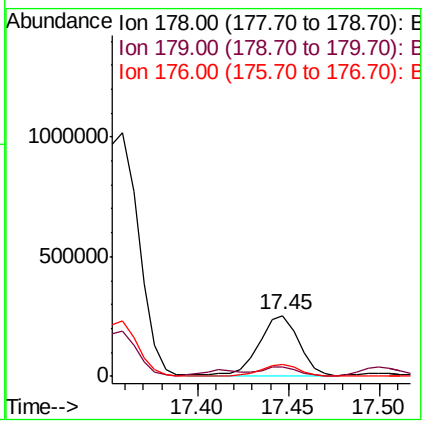


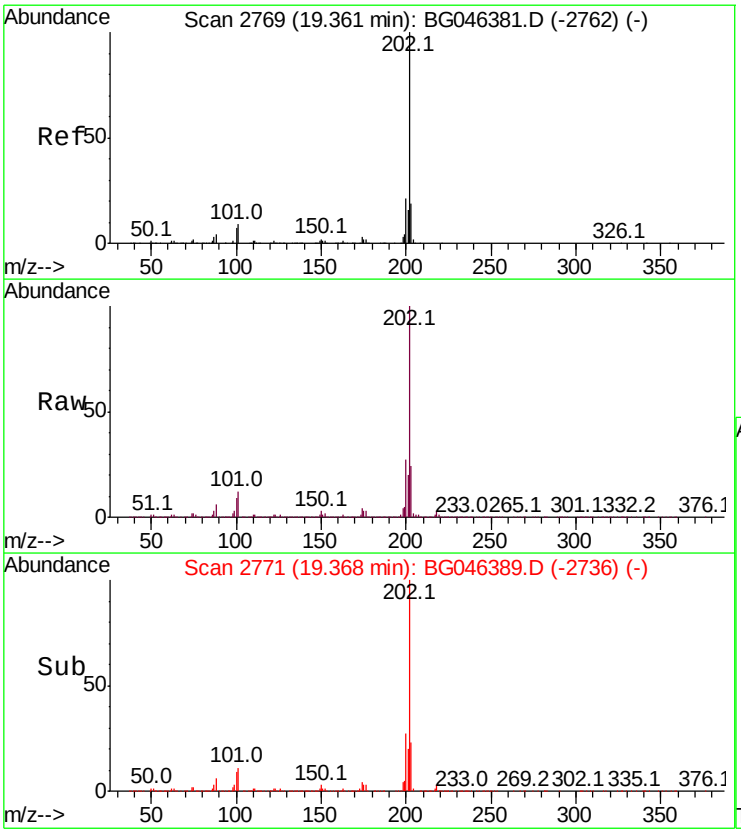
#16
Anthracene
Concen: 14.126 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:178 Resp: 389045

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	19.5	15.2	22.8

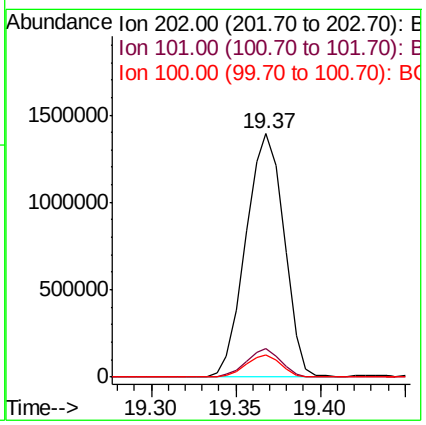


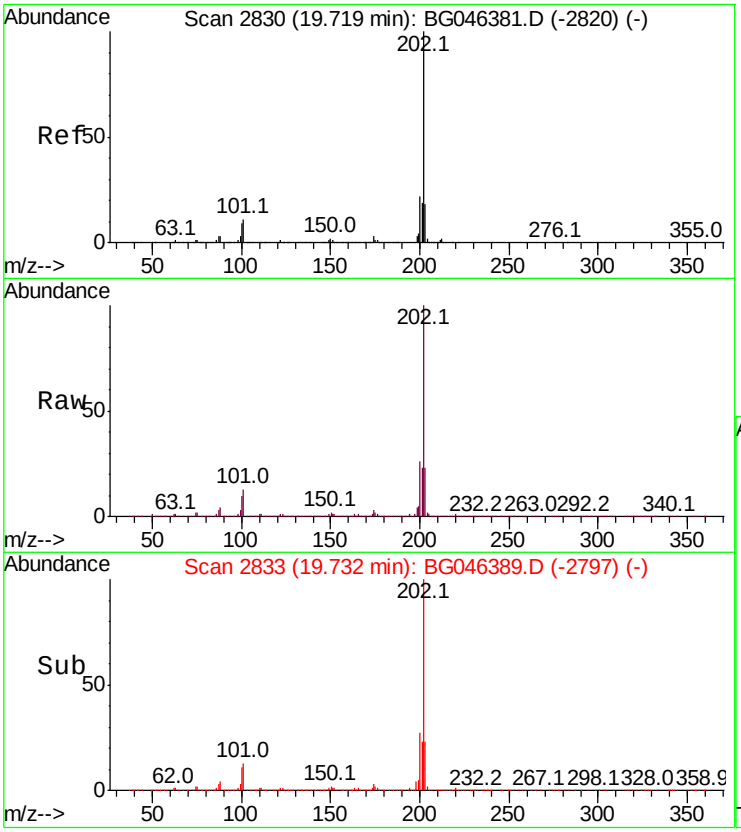


#17
Fluoranthene
Concen: 71.984 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:202 Resp: 2190834

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.6#
100	9.0	5.9	8.9#



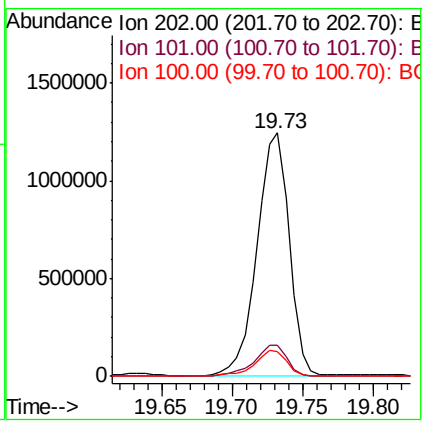


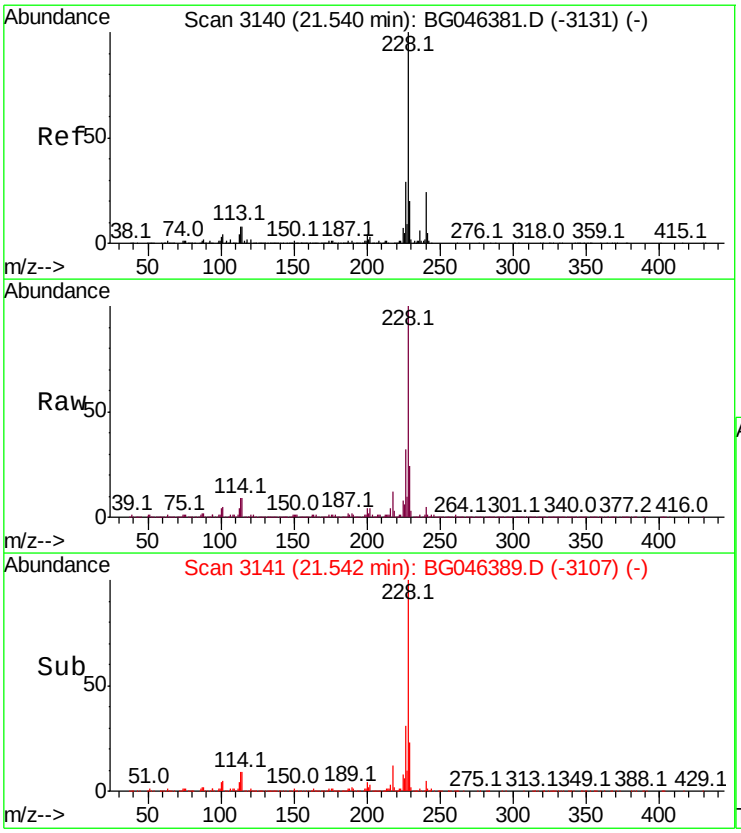
#20
Pyrene
Concen: 58.498 ng/ul
RT: 19.73 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:202 Resp: 1993217

Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.9	13.3
100	10.4	7.9	11.9

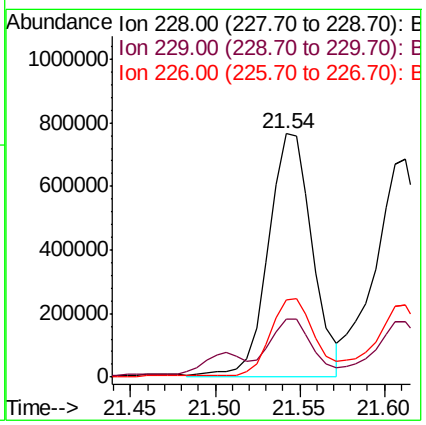


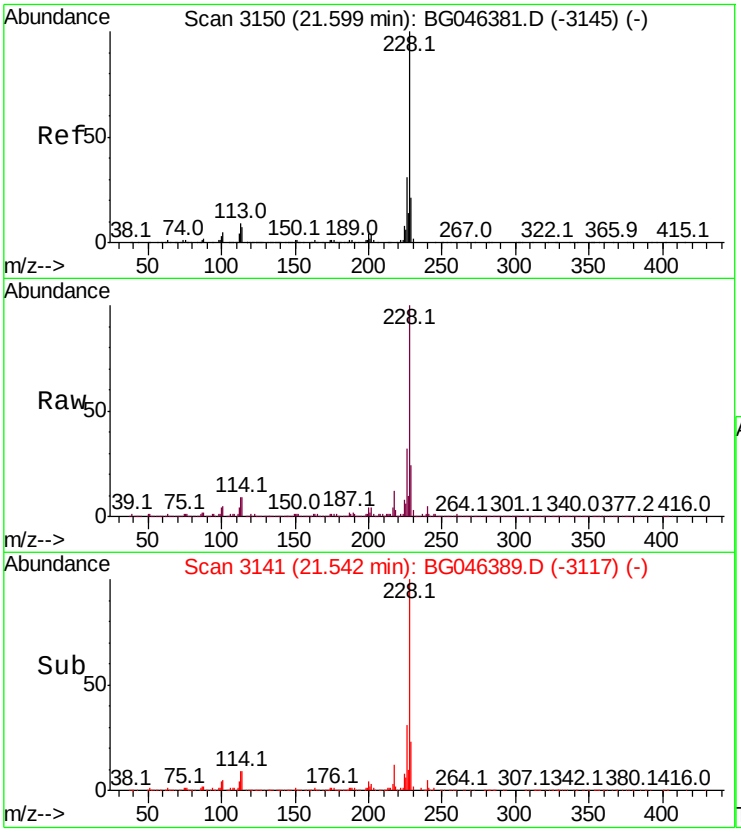


#21
Benzo(a)anthracene
Concen: 40.740 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:228 Resp: 1375922

Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.6	25.0
226	31.6	22.6	33.8



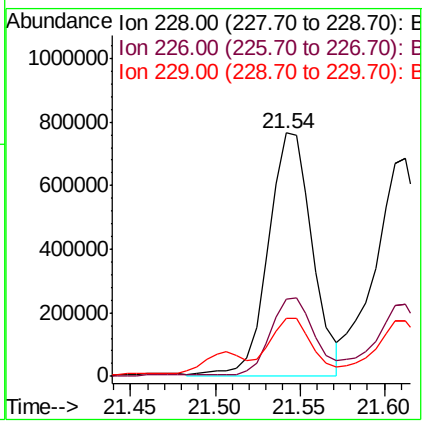


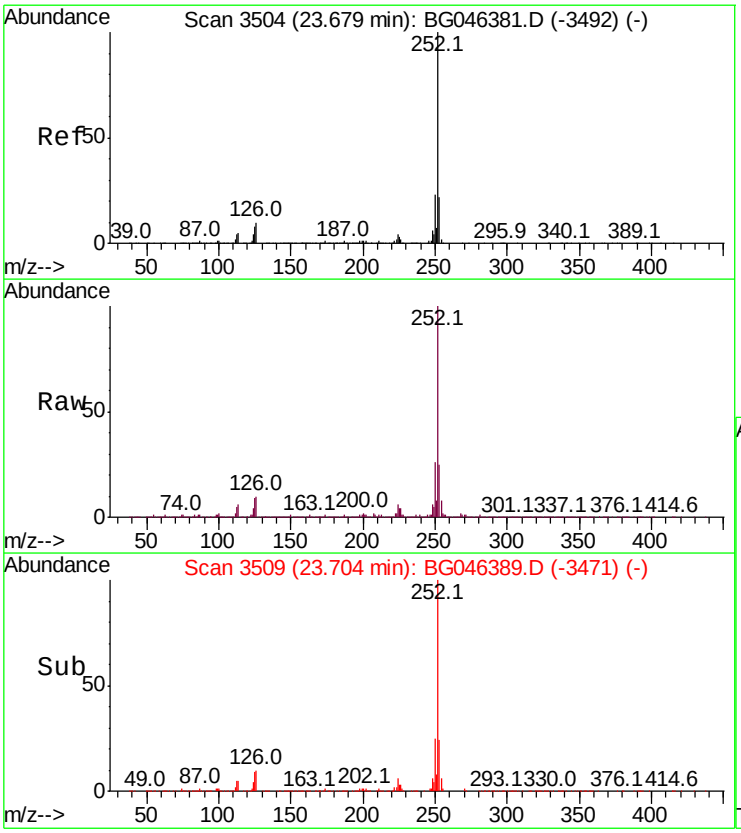
#22
Chrysene
Concen: 42.124 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.06 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:228 Resp: 1375312

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	23.7	17.0	25.4

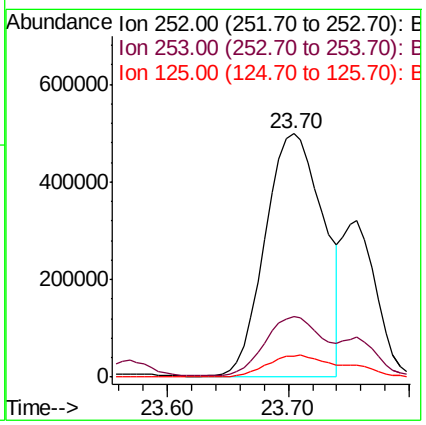


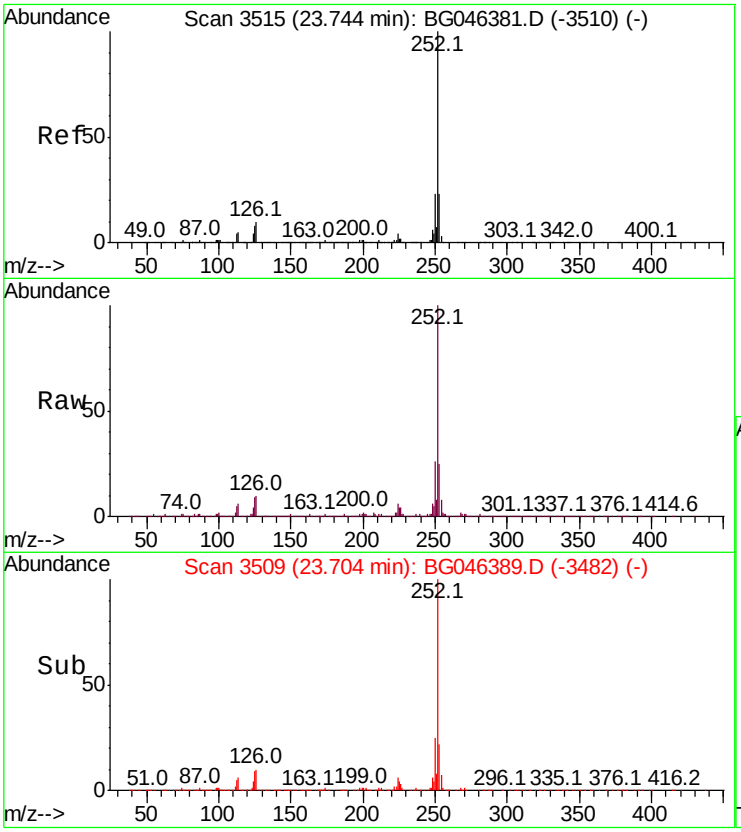


#24
Benzo(b)fluoranthene
Concen: 44.604 ng/ul
RT: 23.70 min Scan# 3509
Delta R.T. 0.03 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:252 Resp: 1660391

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	8.7	6.4	9.6



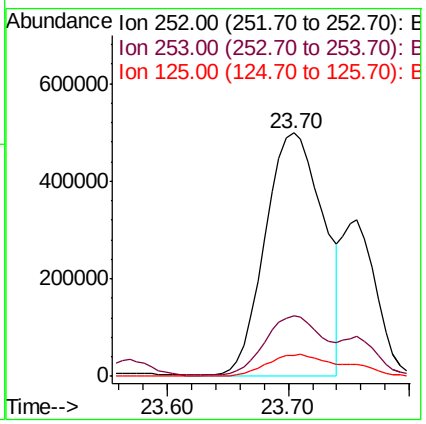


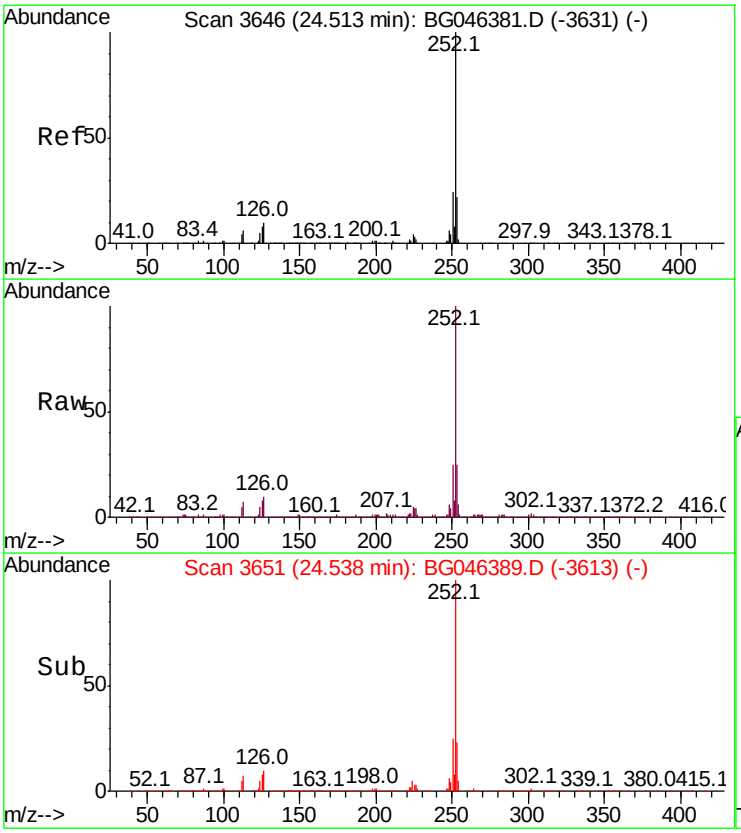
#25
Benzo(k)fluoranthene
Concen: 44.964 ng/ul
RT: 23.70 min Scan# 3509
Delta R.T. -0.04 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:252 Resp: 1660391

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	8.7	6.2	9.2

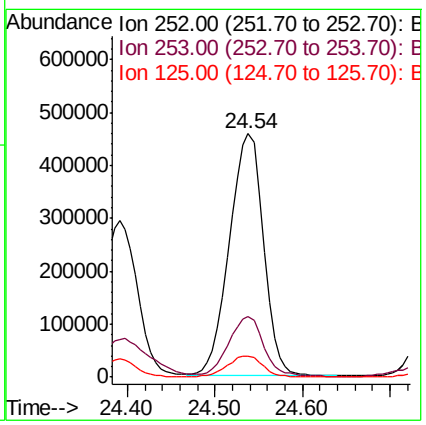


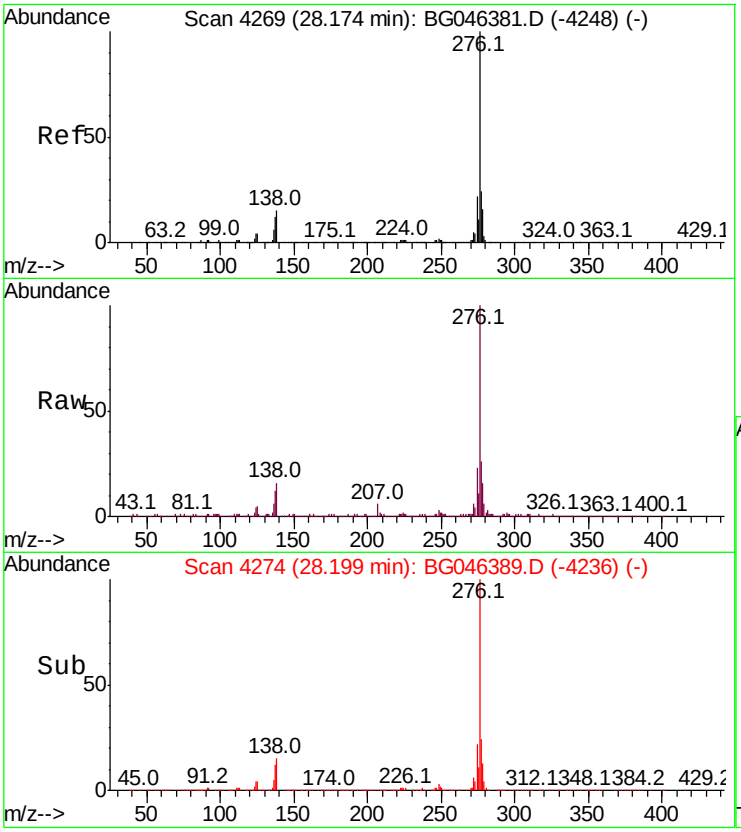


#27
Benzo(a)pyrene
Concen: 35.287 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. 0.03 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:252 Resp: 1205937

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	8.5	7.1	10.7



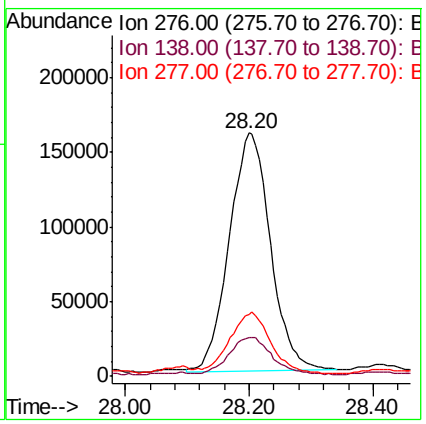


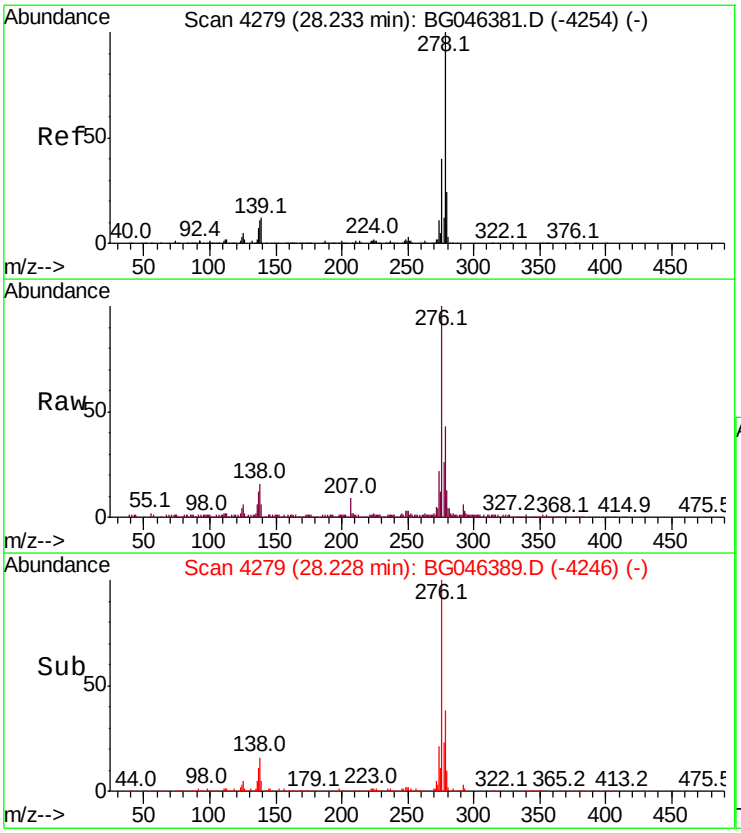
#28
Indeno(1,2,3-cd)pyrene
Concen: 17.188 ng/ul
RT: 28.20 min Scan# 4274
Delta R.T. 0.03 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:276 Resp: 735529

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.2	19.8
277	25.6	19.9	29.9

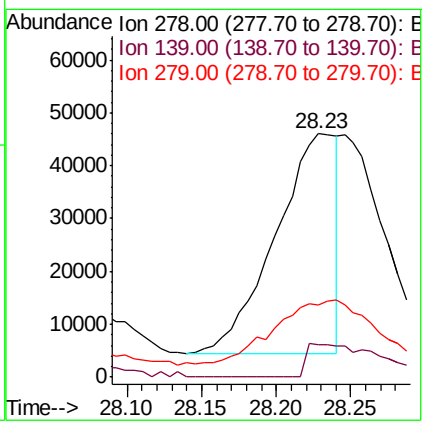


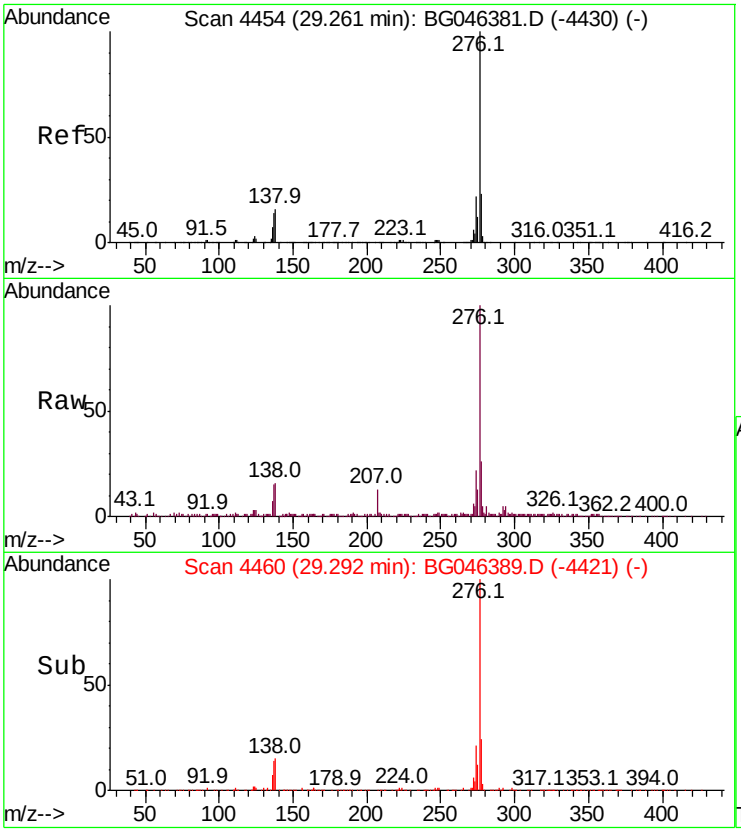


#29
Dibenzo(a,h)anthracene
Concen: 3.436 ng/ul
RT: 28.23 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Tgt Ion:278 Resp: 119211

Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.8	14.8
279	29.5	19.7	29.5#





#30
Benzo(g,h,i)perylene
Concen: 11.121 ng/ul
RT: 29.29 min Scan# 4460
Delta R.T. 0.03 min
Lab File: BG046389.D
Acq: 20 Aug 2020 21:57

Instrument :
BNA_G
ClientSampleId :
BFMF1

Tgt Ion:276 Resp: 398270

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.9	19.3
277	25.6	19.4	29.0