Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057318.D
Acq On : 5 May 2023 14:58
Operator : CG/JU
Sample : 02479-05DL 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946DL

Quant Time: May 05 23:54:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.374	152	19153	20.000	ng/ul	0.00
20) Naphthalene-d8	11.212	136	87925	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.989	164	68565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.726	188	151949	20.000	ng/ul	0.00
79) Chrysene-d12	22.044	240	128009	20.000	ng/ul	# 0.00
88) Perylene-d12	25.563	264	135554	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	4.098	84	199	0.145	ng/ul	0.00
7) Phenol-d5	7.522	99	444	0.245	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.681	67	257	0.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.898	132	329	0.276	ng/ul	0.00
15) 4-Methylphenol-d8	9.085	113	268	0.195	ng/ul	0.01
21) Nitrobenzene-d5	9.555	128	113	0.161	ng/ul	0.00
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.841	165	386	0.245	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	14.366	166	2368	0.436	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	2615	0.428	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.976	176	2292	0.453	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.826	188	3449	0.497	ng/ul	0.00
81) Pyrene-d10	20.099	212	3887	0.512	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.316	264	2381	0.345	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	11.264	128	7381	1.529	ng/ul	97
36) 2-Methylnaphthalene	12.839	142	3898	1.101	ng/ul	99
52) Acenaphthene	15.053	153	15574	3.523	ng/ul	93
56) Dibenzofuran	15.382	168	17497	2.741	ng/ul	98
61) Fluorene	16.029	166	26074	4.830	ng/ul	99
72) Phenanthrene	17.773	178	426162	53.857	ng/ul	98
74) Anthracene	17.861	178	84504	10.632	ng/ul	98
77) Carbazole	18.126	167	36300	5.465	ng/ul	100
80) Fluoranthene	19.765	202	708145	78.458	ng/ul	97
82) Pyrene	20.123	202	563250	61.644	ng/ul	98
85) Benzo(a)anthracene	22.020	228	324070	35.795	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.862	149	7478	1.757	ng/ul	97
87) Chrysene	22.097	228	320371	37.507	ng/ul	96
90) Benzo(b)fluoranthene	24.447	252	378502	40.322	ng/ul	95
91) Benzo(k)fluoranthene	24.447	252	378502	41.446	ng/ul	98
93) Benzo(a)pyrene	25.240	252	165096	20.372	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.634	276	173406	17.118	ng/ul	98
95) Dibenzo(a,h)anthracene	29.645	278	20688	2.463	ng/ul#	89
96) Benzo(g,h,i)perylene	30.908	276	133890	16.331	ng/ul	97

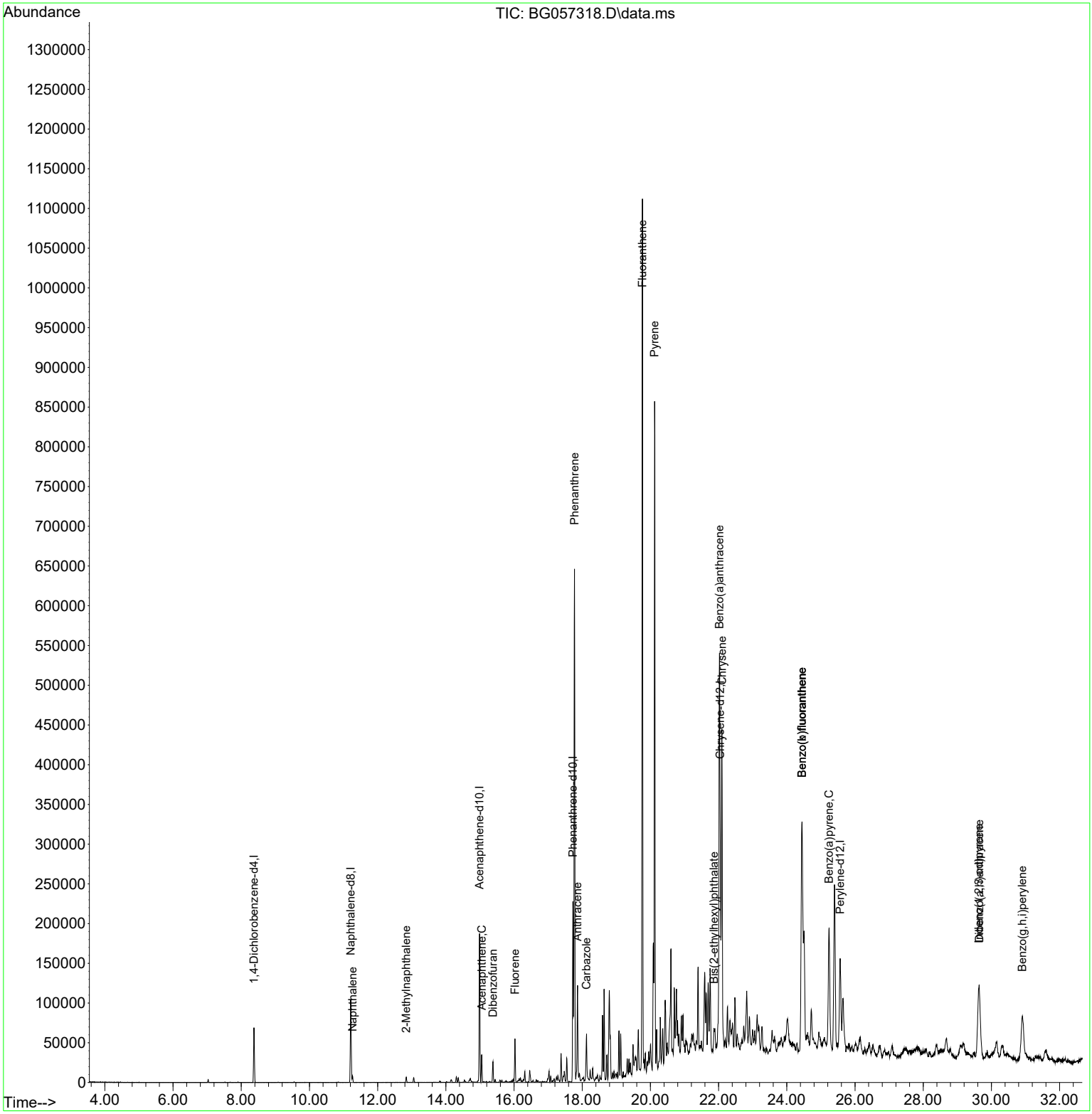
(#) = qualifier out of range (m) = manual integration (+) = signals summed

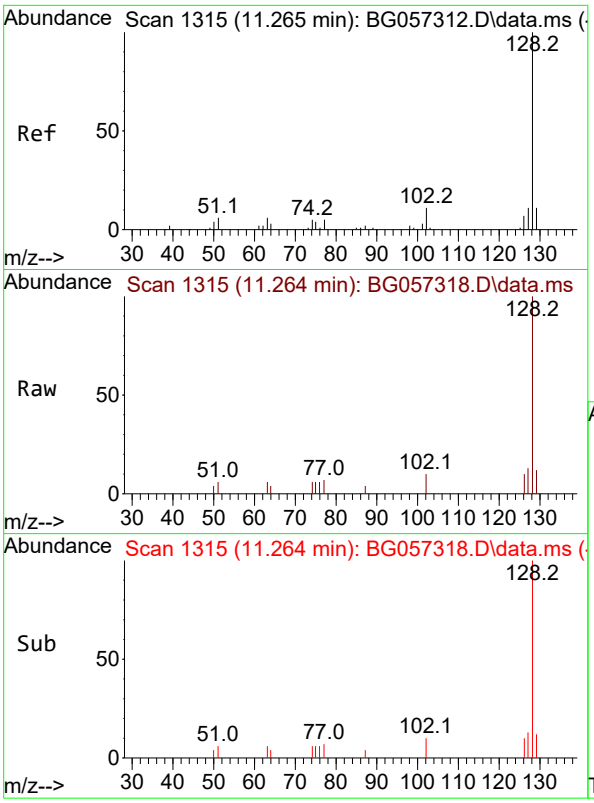
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057318.D
Acq On : 5 May 2023 14:58
Operator : CG/JU
Sample : 02479-05DL 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946DL

Quant Time: May 05 23:54:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration



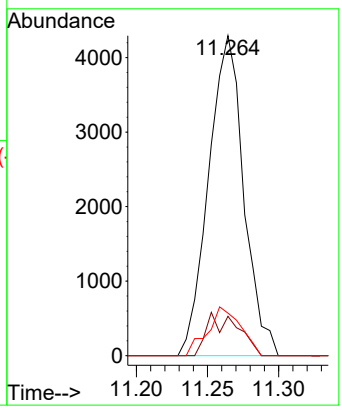


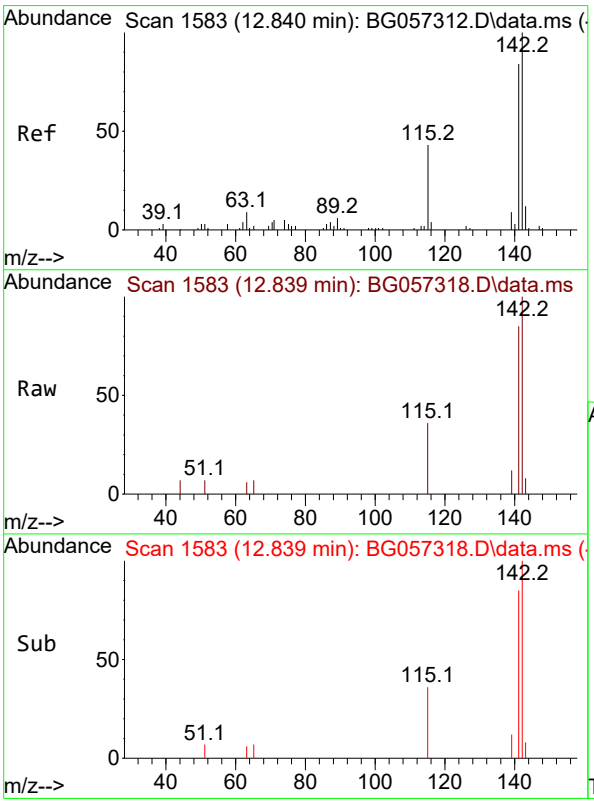
#30
Naphthalene
Concen: 1.529 ng/ul
RT: 11.264 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:128 Resp: 7381

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.5	12.7
127	13.3	11.4	17.0

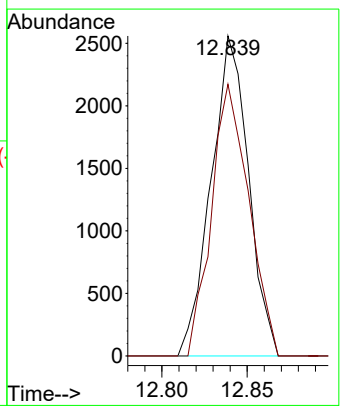


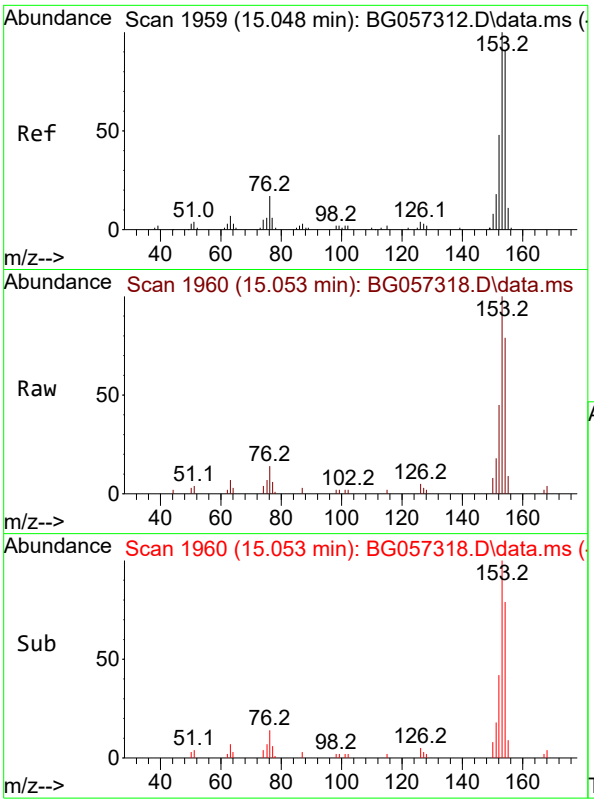


#36
2-Methylnaphthalene
Concen: 1.101 ng/ul
RT: 12.839 min Scan# 1583
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:142 Resp: 3898

Ion	Ratio	Lower	Upper
142	100		
141	84.9	68.7	103.1



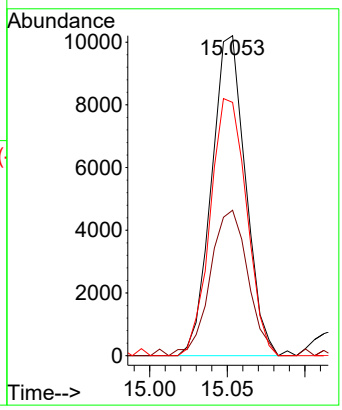


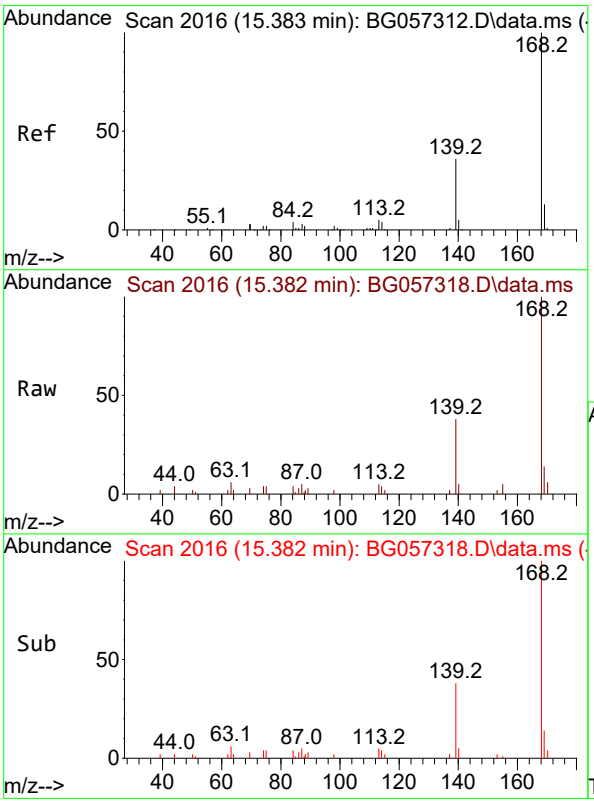
#52
Acenaphthene
Concen: 3.523 ng/ul
RT: 15.053 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:153 Resp: 15574

Ion	Ratio	Lower	Upper
153	100		
152	45.4	36.5	54.7
154	79.2	70.6	106.0

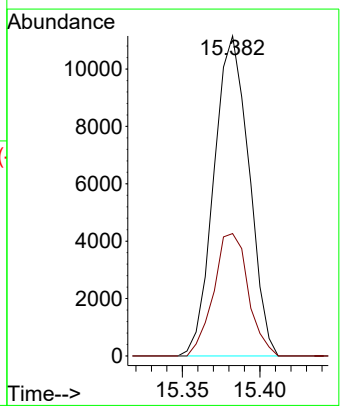


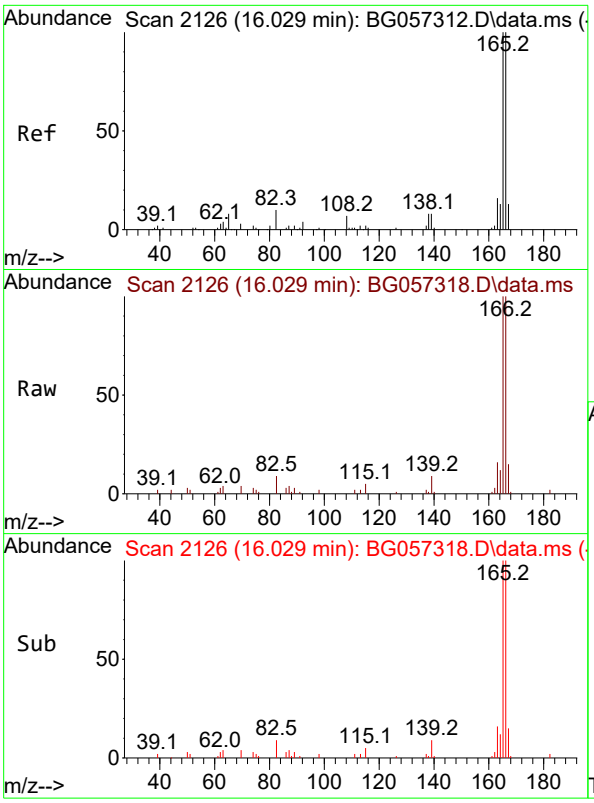


#56
Dibenzofuran
Concen: 2.741 ng/ul
RT: 15.382 min Scan# 2016
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:168 Resp: 17497

Ion	Ratio	Lower	Upper
168	100		
139	38.3	29.6	44.4



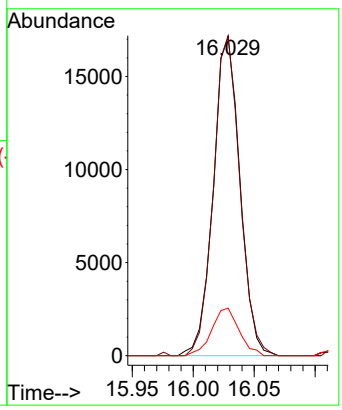


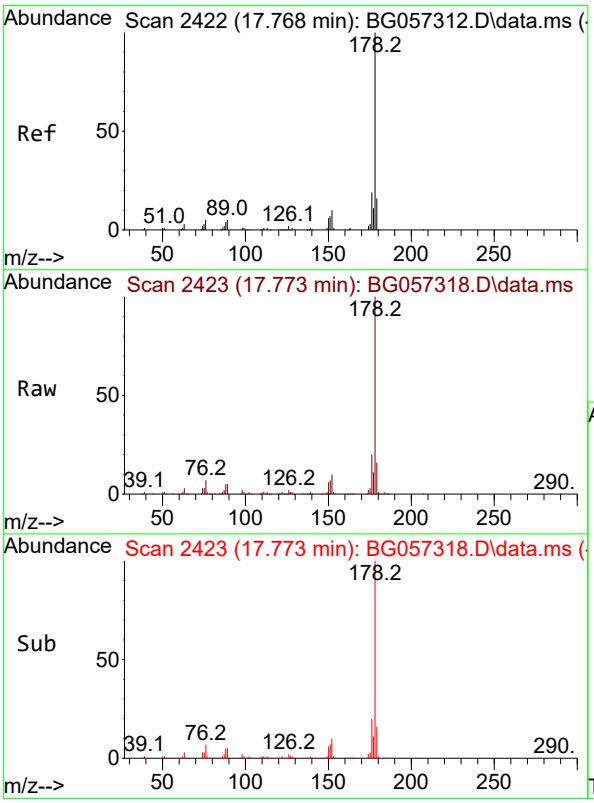
#61
Fluorene
Concen: 4.830 ng/ul
RT: 16.029 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:166 Resp: 26074

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.1	120.1
167	14.9	10.2	15.4

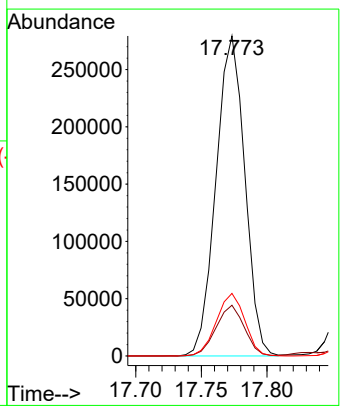


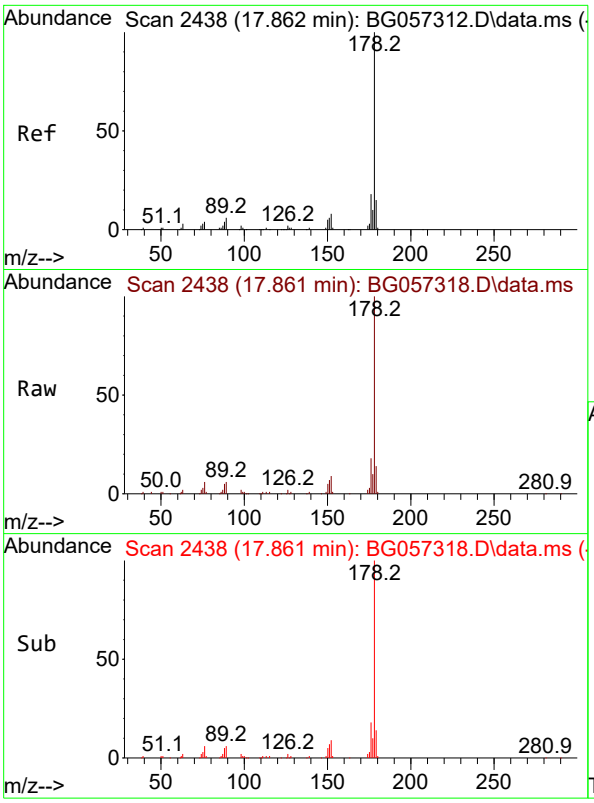


#72
Phenanthrene
Concen: 53.857 ng/ul
RT: 17.773 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:178 Resp: 426162

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	19.6	15.4	23.0



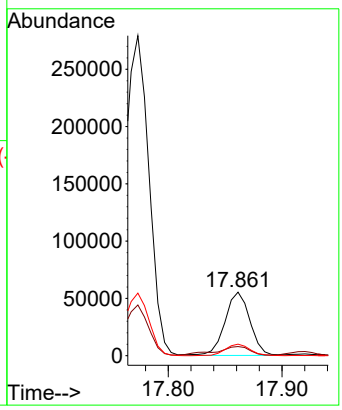


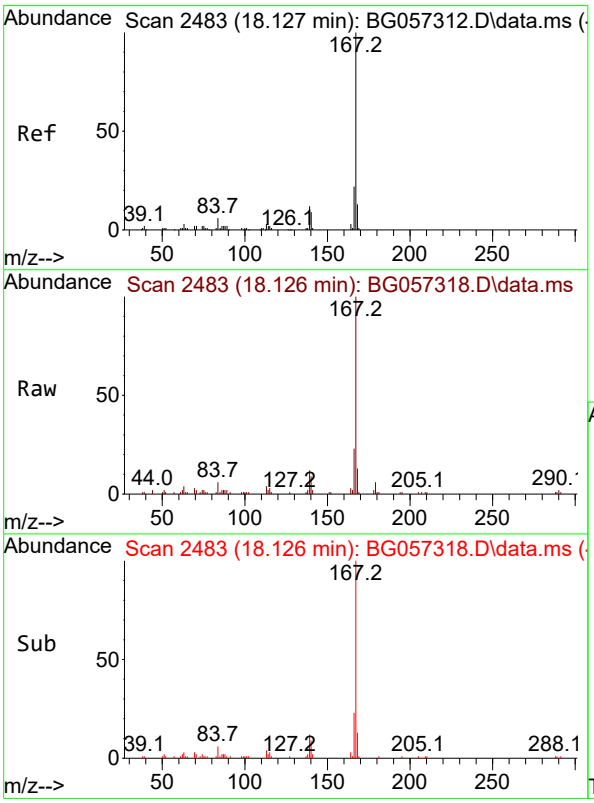
#74
Anthracene
Concen: 10.632 ng/ul
RT: 17.861 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:178 Resp: 84504

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.5	18.7
176	18.1	14.7	22.1

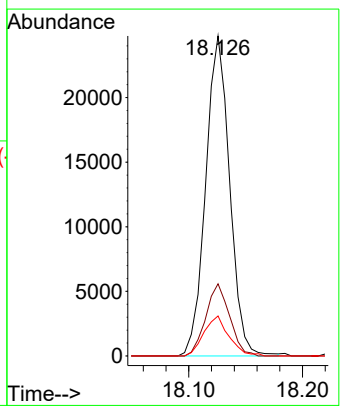


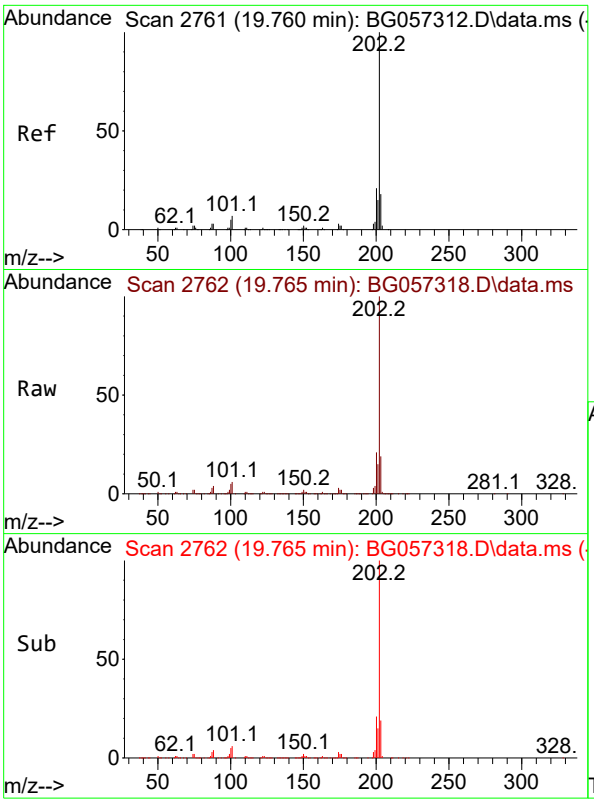


#77
Carbazole
Concen: 5.465 ng/ul
RT: 18.126 min Scan# 2483
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:167 Resp: 36300

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	12.5	10.3	15.5



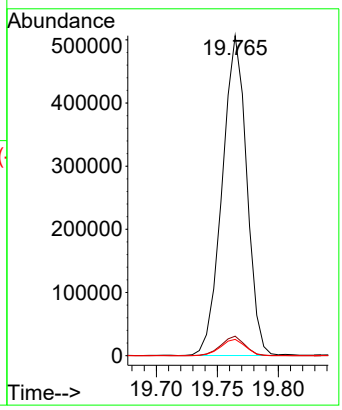


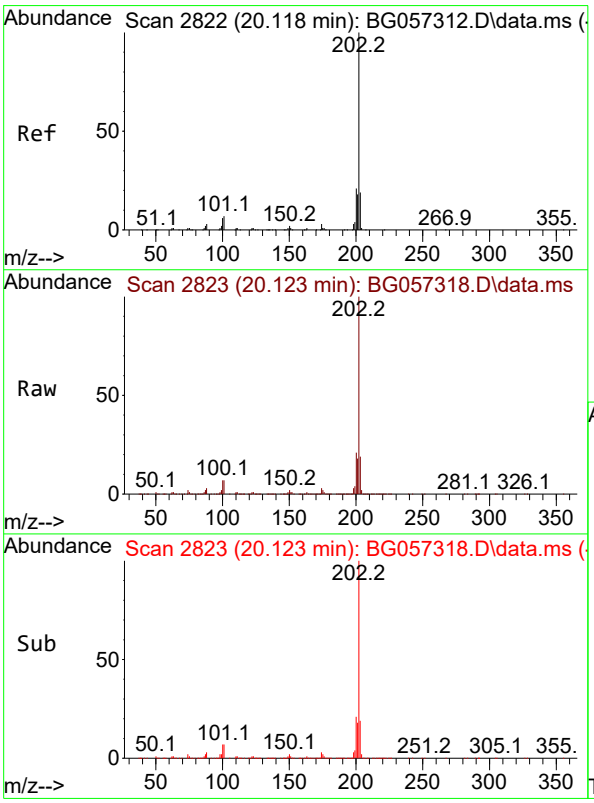
#80
Fluoranthene
Concen: 78.458 ng/ul
RT: 19.765 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:202 Resp: 708145

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.8	8.6
100	5.1	4.6	7.0

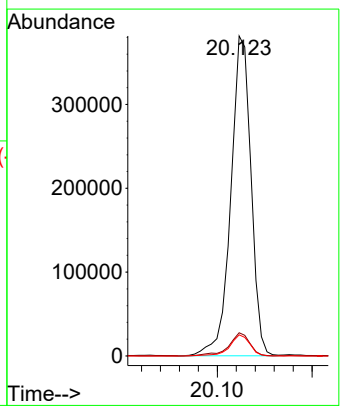


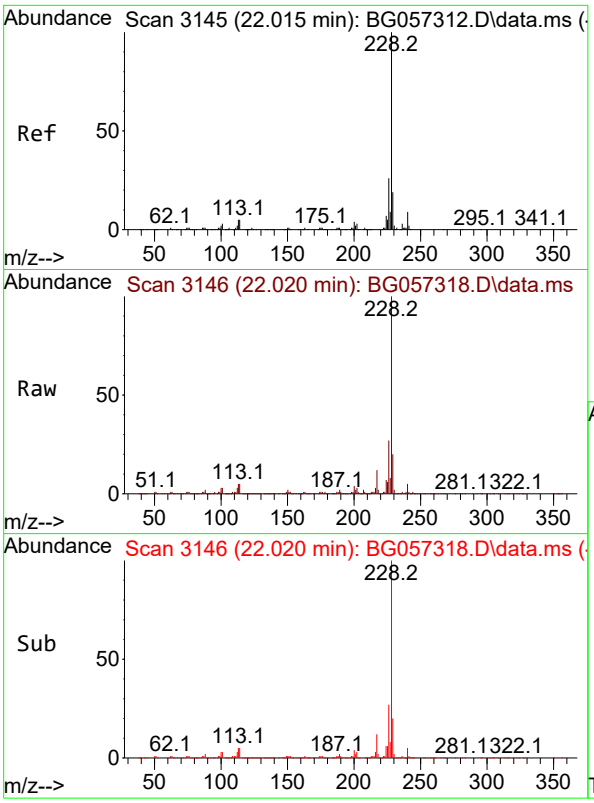


#82
Pyrene
Concen: 61.644 ng/ul
RT: 20.123 min Scan# 2823
Delta R.T. 0.005 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:202 Resp: 563250

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.7	8.5
100	6.6	6.0	9.0



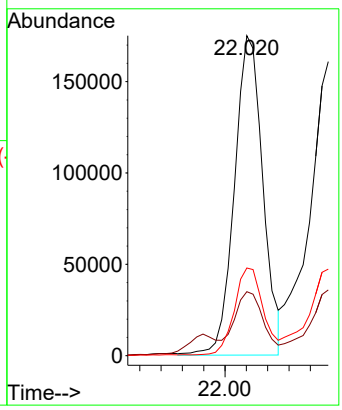


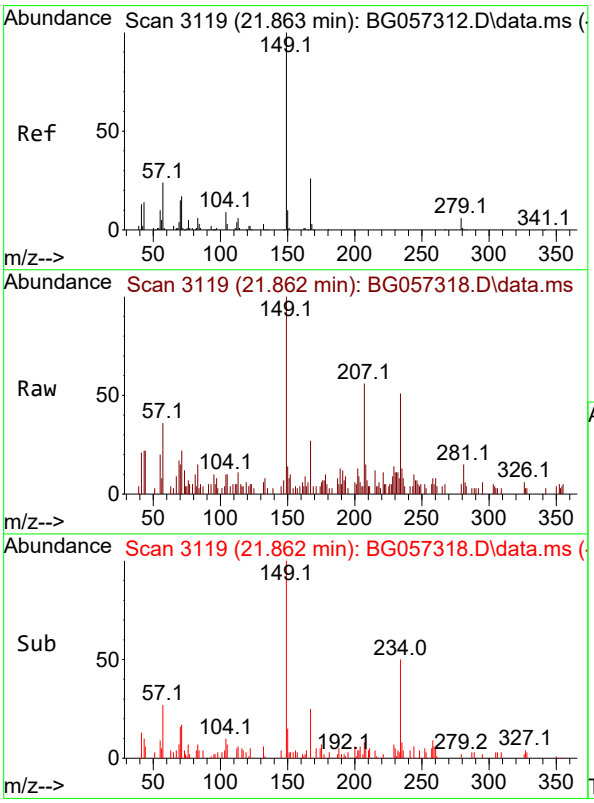
#85
Benzo(a)anthracene
Concen: 35.795 ng/ul
RT: 22.020 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:228 Resp: 324070

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.4	21.7	32.5

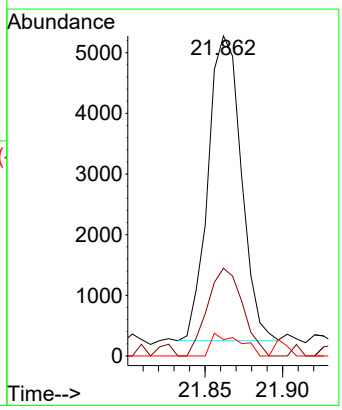


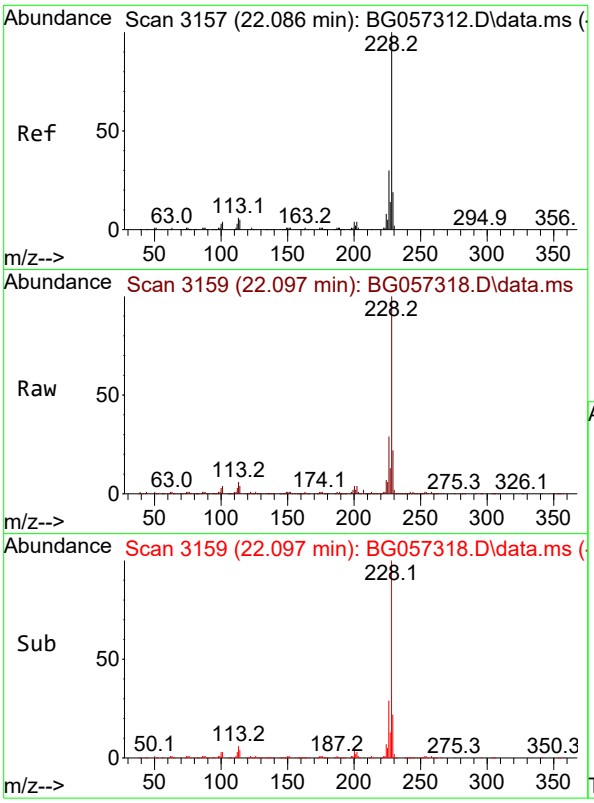


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.757 ng/ul
RT: 21.862 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:149 Resp: 7478

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.6
279	5.1	3.6	5.4



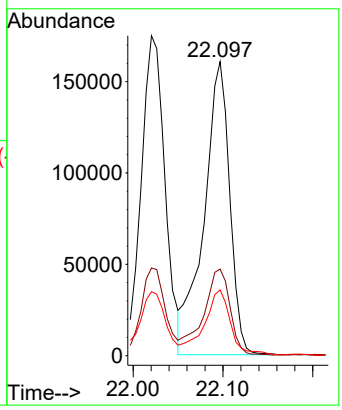


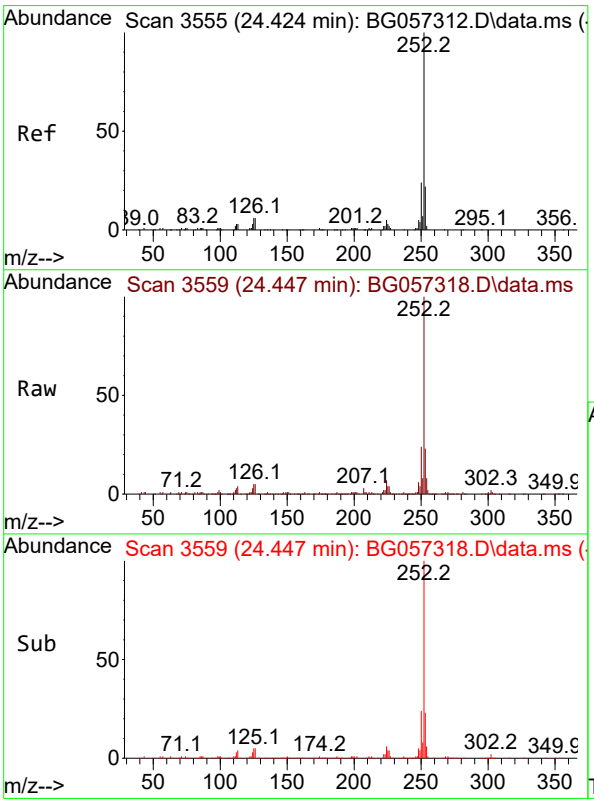
#87
Chrysene
Concen: 37.507 ng/ul
RT: 22.097 min Scan# 3
Delta R.T. 0.011 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:228 Resp: 320371

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	22.4	15.5	23.3

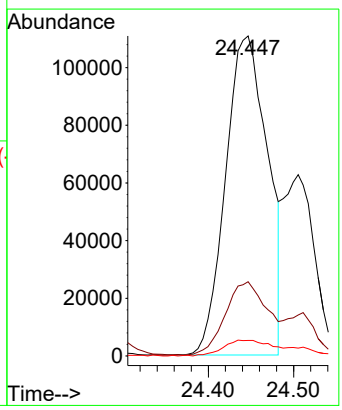


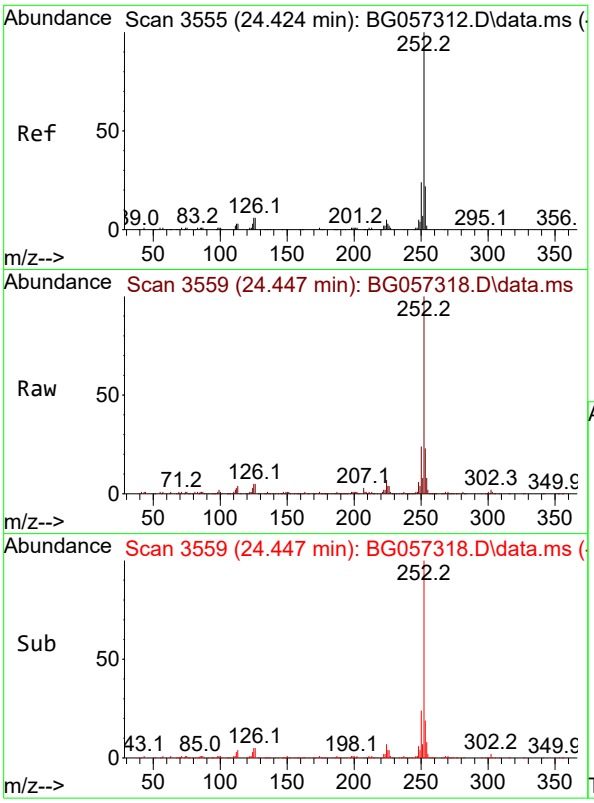


#90
Benzo(b)fluoranthene
Concen: 40.322 ng/ul
RT: 24.447 min Scan# 3559
Delta R.T. 0.023 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:252 Resp: 378502

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.7	25.1
125	4.8	4.8	7.2



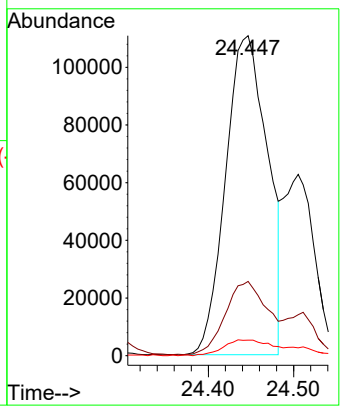


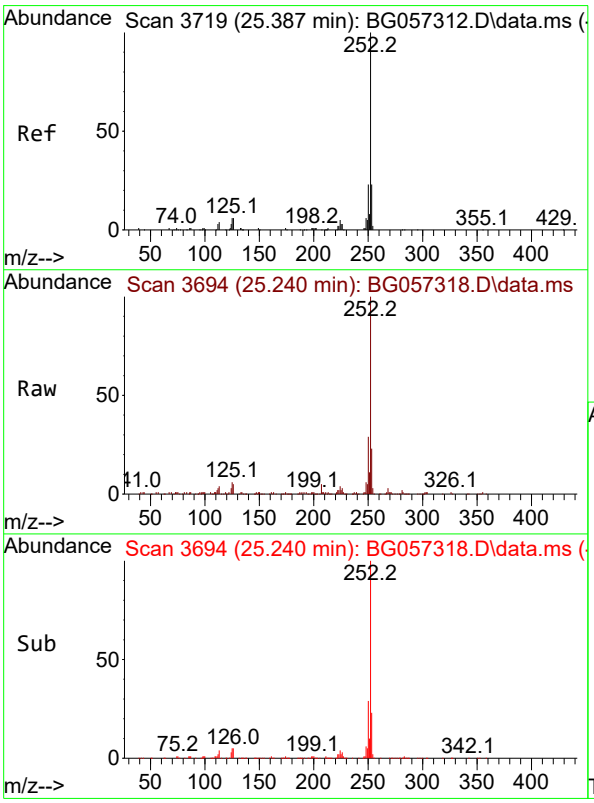
#91
Benzo(k)fluoranthene
Concen: 41.446 ng/ul
RT: 24.447 min Scan# 3
Delta R.T. -0.048 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:252 Resp: 378502

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	4.8	4.5	6.7

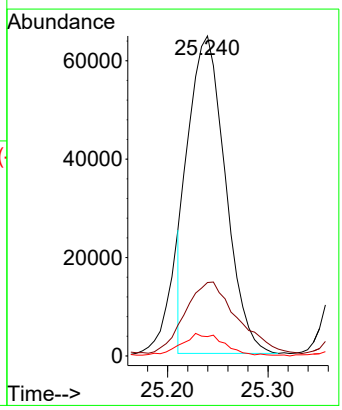


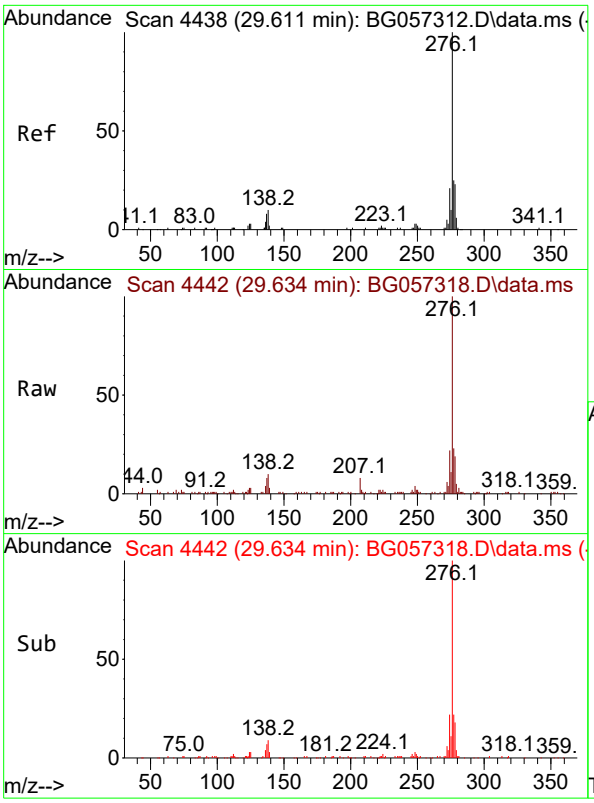


#93
Benzo(a)pyrene
Concen: 20.372 ng/ul
RT: 25.240 min Scan# 3694
Delta R.T. -0.148 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:252 Resp: 165096

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	6.1	5.1	7.7



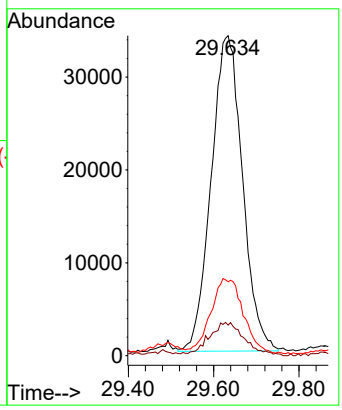


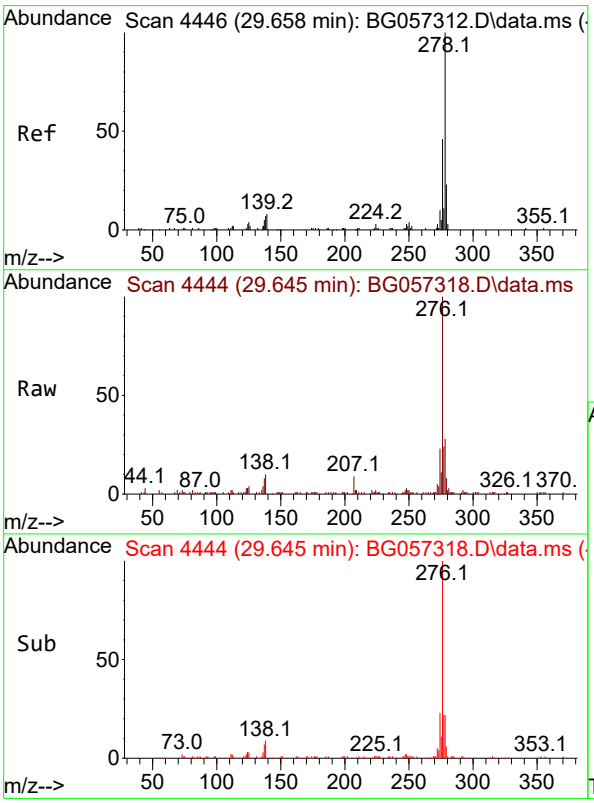
#94
Indeno(1,2,3-cd)pyrene
Concen: 17.118 ng/ul
RT: 29.634 min Scan# 4
Delta R.T. 0.023 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:276 Resp: 173406

Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.4	14.2
277	23.1	18.6	28.0

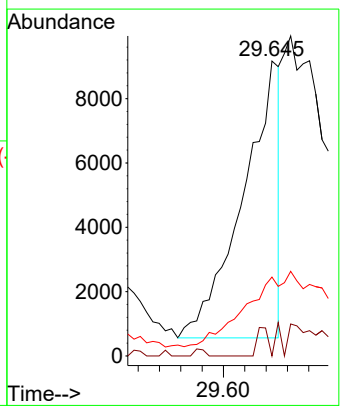


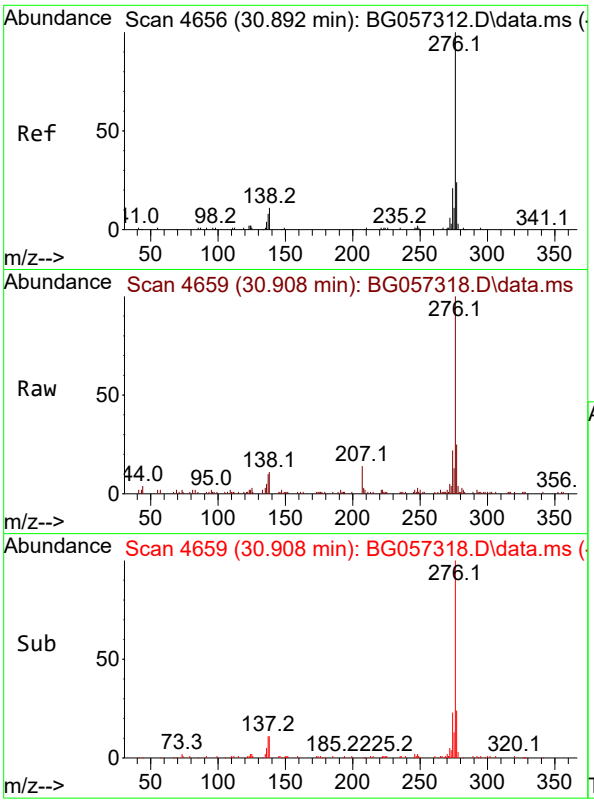


#95
Dibenzo(a,h)anthracene
Concen: 2.463 ng/ul
RT: 29.645 min Scan# 4444
Delta R.T. -0.013 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Tgt Ion:278 Resp: 20688

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.6#
279	26.8	18.3	27.5





#96
Benzo(g,h,i)perylene
Concen: 16.331 ng/ul
RT: 30.908 min Scan# 4
Delta R.T. 0.017 min
Lab File: BG057318.D
Acq: 5 May 2023 14:58

Instrument :
BNA_G
ClientSampleId :
EW946DL

Tgt Ion:276 Resp: 133890

Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.7	13.1
277	24.7	18.4	27.6