Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Quant Time: Jun 09 23:03:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	27697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	108599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	81560	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	190195	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	204141	20.000	ng/ul	0.00
88) Perylene-d12	24.633	264	216473	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1739	3.514	ng/uL	-0.03
4) Pyridine-d5	3.740	84	15912	9.037	ng/ul	-0.03
7) Phenol-d5	7.072	99	55957	24.602	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	31644	22.135	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	46453	27.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	47162	24.317	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	23548	28.163	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	27803	28.412	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	55339	29.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	15867	6.357	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	163811	25.896	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	181021	27.526	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	15687	20.059	ng/ul	0.02
60) Fluorene-d10	15.509	176	147407	26.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	15884	13.808	ng/ul	0.01
73) Anthracene-d10	17.365	188	234941	28.019	ng/ul	0.00
81) Pyrene-d10	19.663	212	263641	25.152	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.422	264	223044	21.432	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.714	128	7561	1.319	ng/ul#	85
36) 2-Methylnaphthalene	12.330	142	5050	1.215	ng/ul	91
37) 1-Methylnaphthalene	12.548	142	5264	1.234	ng/ul#	85
52) Acenaphthene	14.575	153	6508	1.360	ng/ul	97
56) Dibenzofuran	14.909	168	7280	1.064	ng/ul	93
61) Fluorene	15.562	166	9564	1.616	ng/ul#	95
72) Phenanthrene	17.307	178	215086	23.300	ng/ul	99
74) Anthracene	17.401	178	32917	3.449	ng/ul	99
77) Carbazole	17.677	167	15466	1.992	ng/ul	95
80) Fluoranthene	19.328	202	454684	36.160	ng/ul	98
82) Pyrene	19.692	202	374286	28.676	ng/ul	97
83) Butylbenzylphthalate	20.573	149	16060	3.582	ng/ul	99
85) Benzo(a)anthracene	21.508	228	249273	17.697	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.414	149	72954	10.992	ng/ul#	98
87) Chrysene	21.572	228	279921	21.582	ng/ul	95
90) Benzo(b)fluoranthene	23.652	252	342789	26.596	ng/ul	99
91) Benzo(k)fluoranthene	23.652	252	342789	26.199	ng/ul	95
93) Benzo(a)pyrene	24.492	252	137800	11.259	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.170	276	78870	5.329	ng/ul	93
95) Dibenzo(a,h)anthracene	28.206	278	13687	1.122	ng/ul#	90

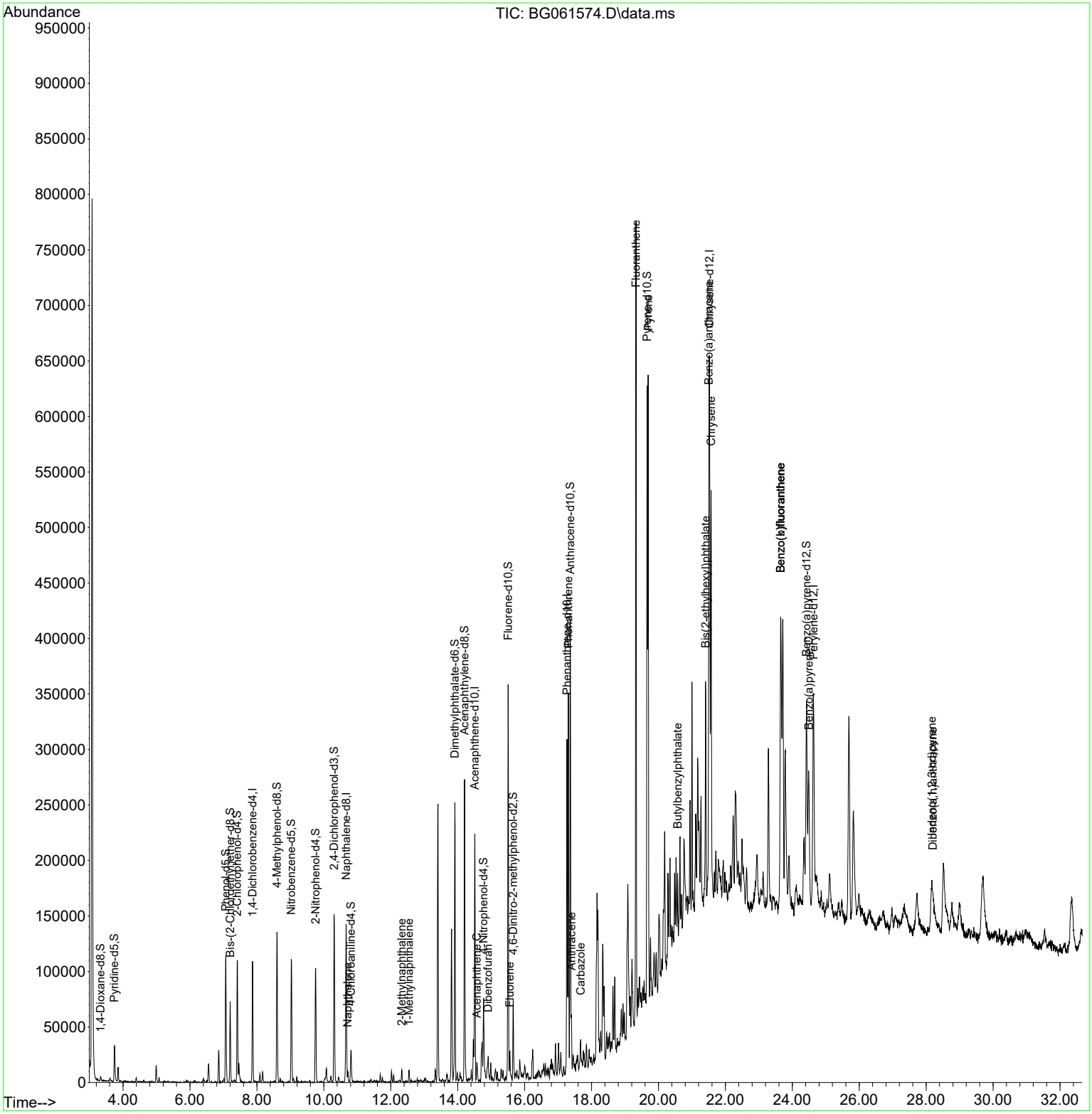
(#) = qualifier out of range (m) = manual integration (+) = signals summed

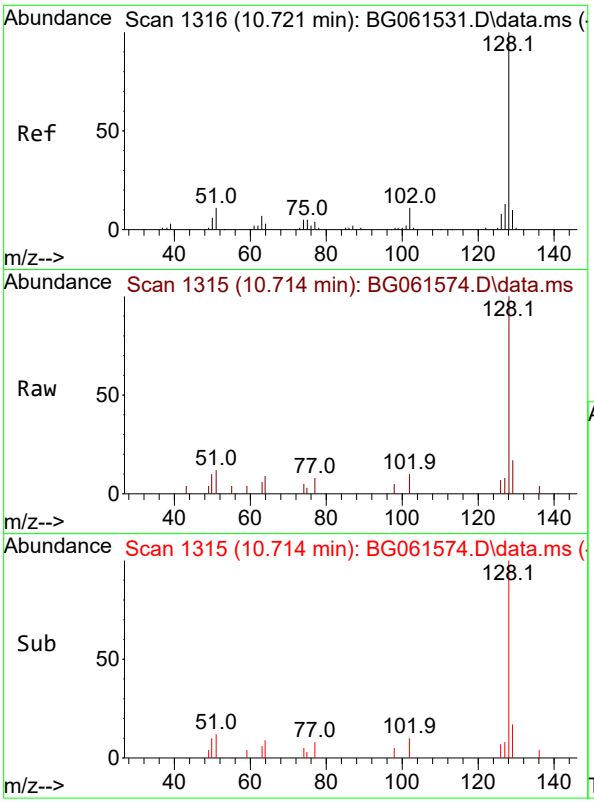
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061574.D
Acq On : 8 Jun 2024 21:00
Operator : MA/JU
Sample : P2647-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBT1

Quant Time: Jun 09 23:03:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration



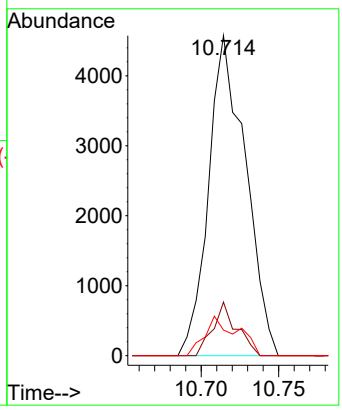


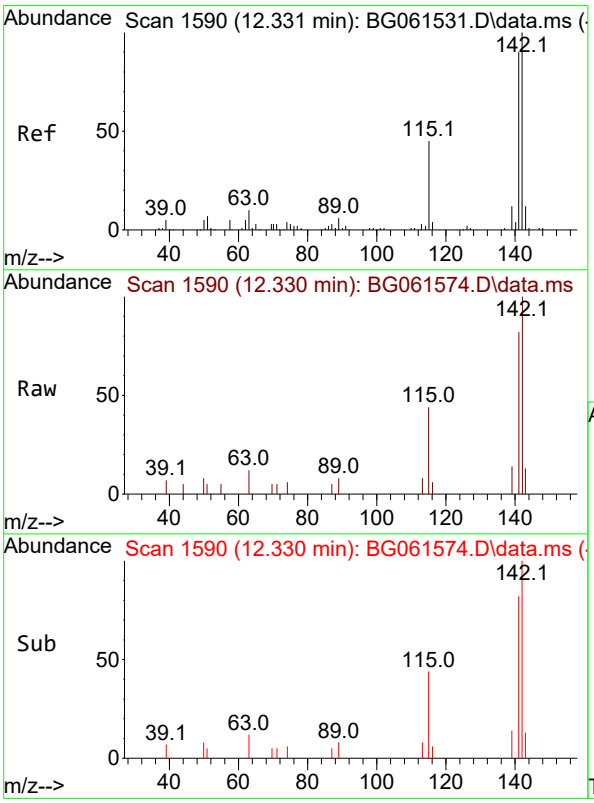
#30
Naphthalene
Concen: 1.319 ng/ul
RT: 10.714 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:128 Resp: 7561

Ion	Ratio	Lower	Upper
128	100		
129	16.8	8.6	12.8#
127	8.0	10.8	16.2#

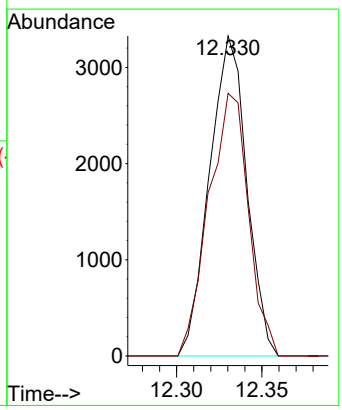


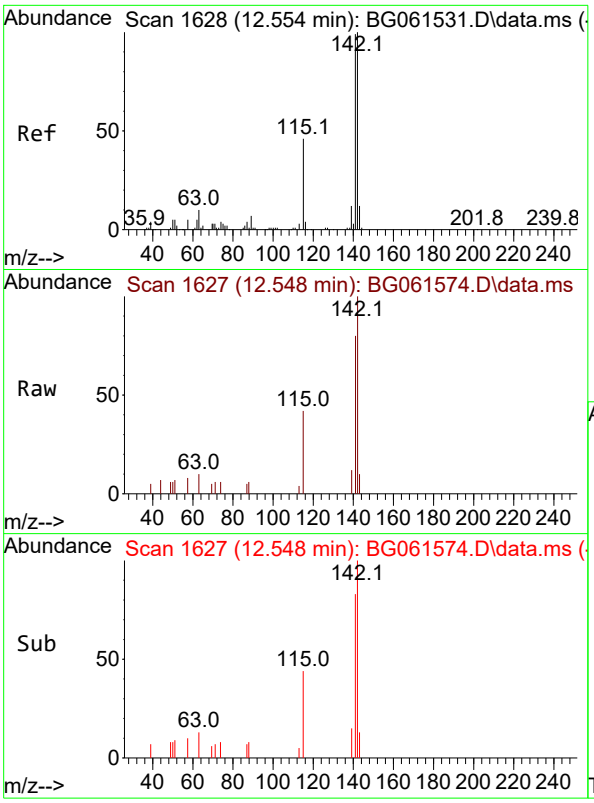


#36
2-Methylnaphthalene
Concen: 1.215 ng/ul
RT: 12.330 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:142 Resp: 5050

Ion	Ratio	Lower	Upper
142	100		
141	82.1	72.2	108.2



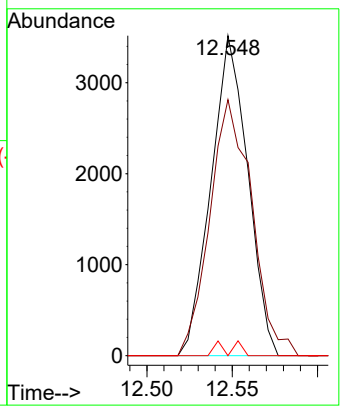


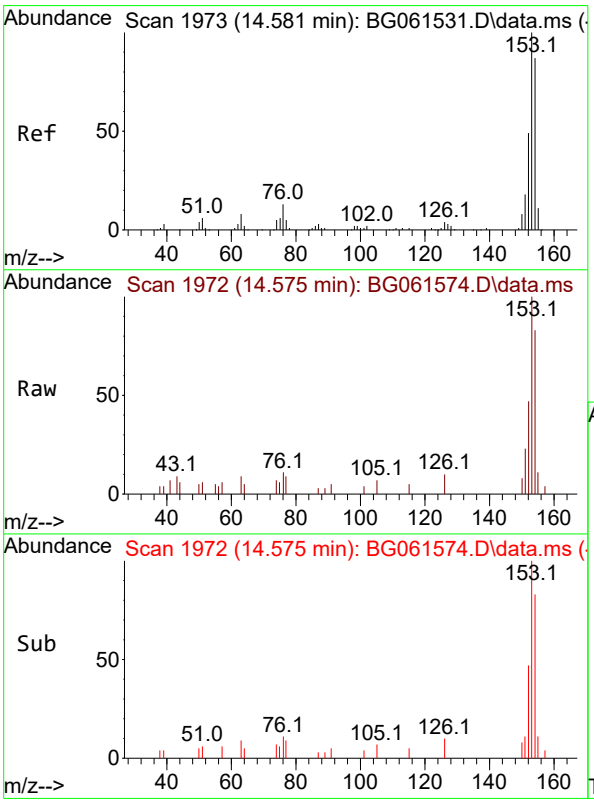
#37
1-Methylnaphthalene
Concen: 1.234 ng/ul
RT: 12.548 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:142 Resp: 5264

Ion	Ratio	Lower	Upper
142	100		
141	80.0	75.5	113.3
116	0.0	4.0	6.0#

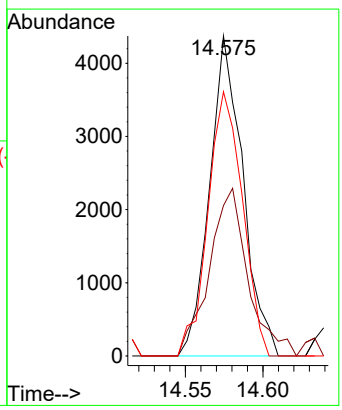


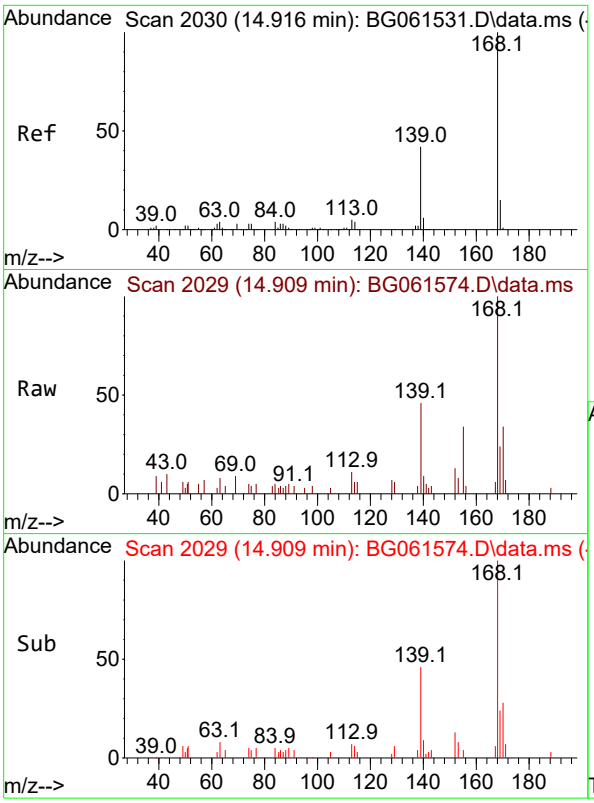


#52
Acenaphthene
Concen: 1.360 ng/ul
RT: 14.575 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:153 Resp: 6508

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.8	56.8
154	82.6	69.0	103.6



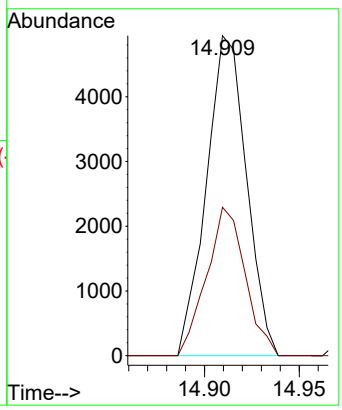


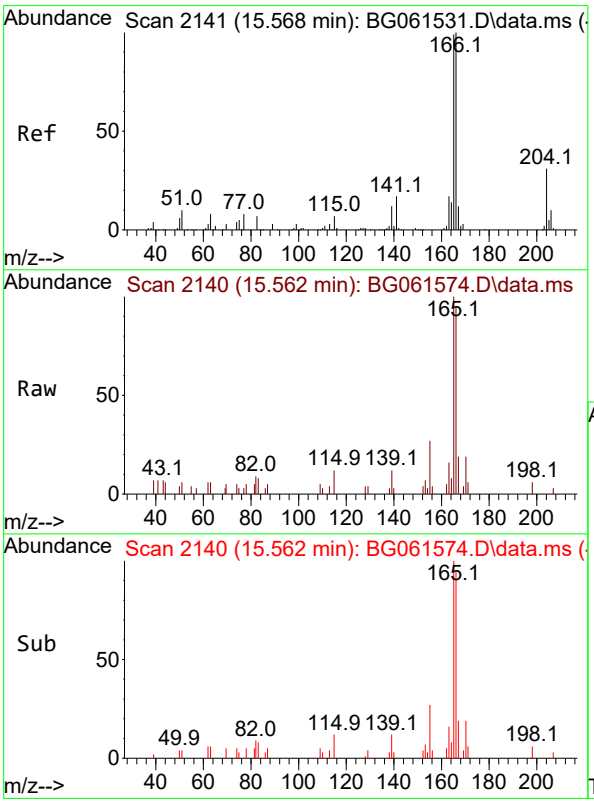
#56
Dibenzofuran
Concen: 1.064 ng/ul
RT: 14.909 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:168 Resp: 7280

Ion	Ratio	Lower	Upper
168	100		
139	46.4	33.4	50.2

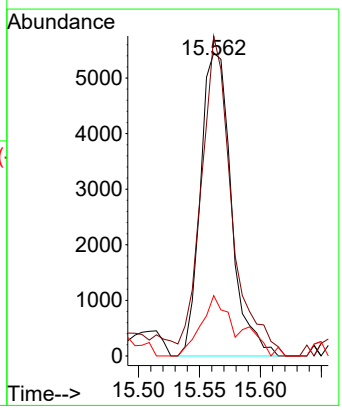


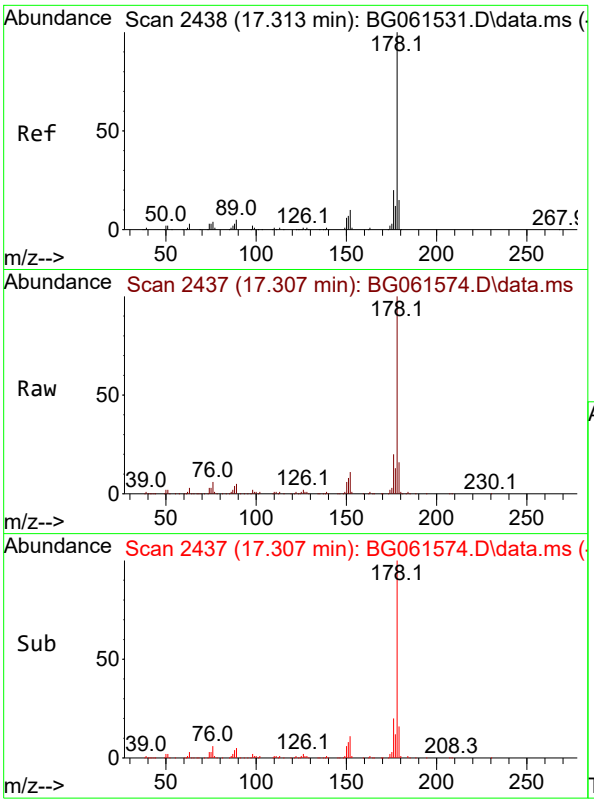


#61
Fluorene
Concen: 1.616 ng/ul
RT: 15.562 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:166 Resp: 9564

Ion	Ratio	Lower	Upper
166	100		
165	105.6	81.8	122.8
167	19.9	10.6	16.0#



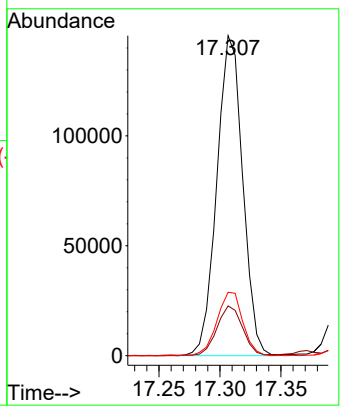


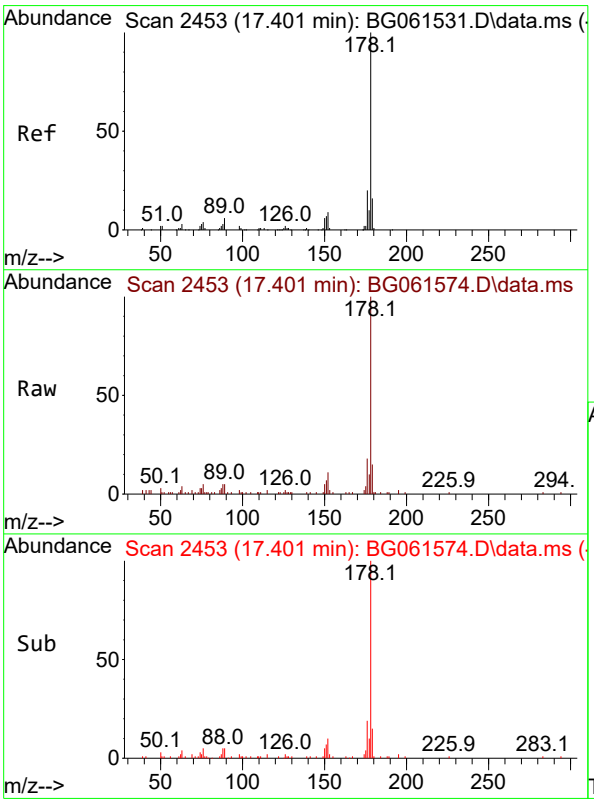
#72
Phenanthrene
Concen: 23.300 ng/ul
RT: 17.307 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:178 Resp: 215086

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.8	15.5	23.3

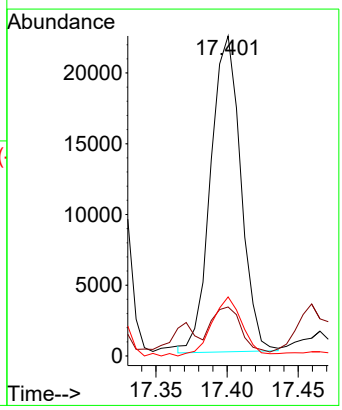


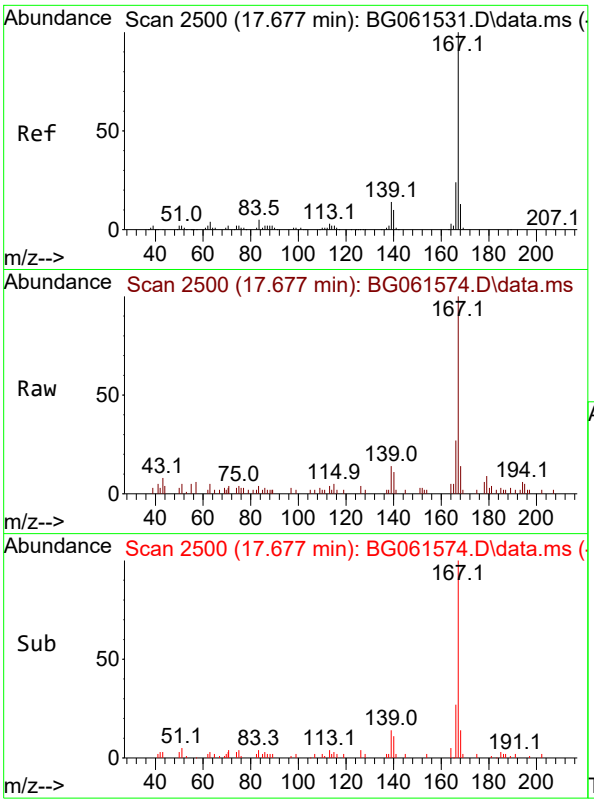


#74
Anthracene
Concen: 3.449 ng/ul
RT: 17.401 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:178 Resp: 32917

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.6
176	18.4	14.9	22.3



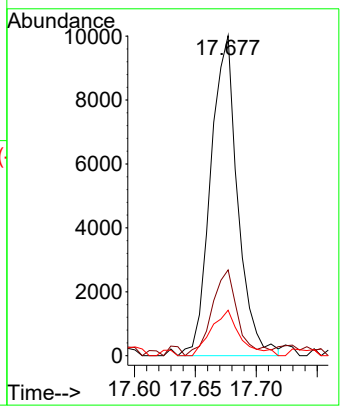


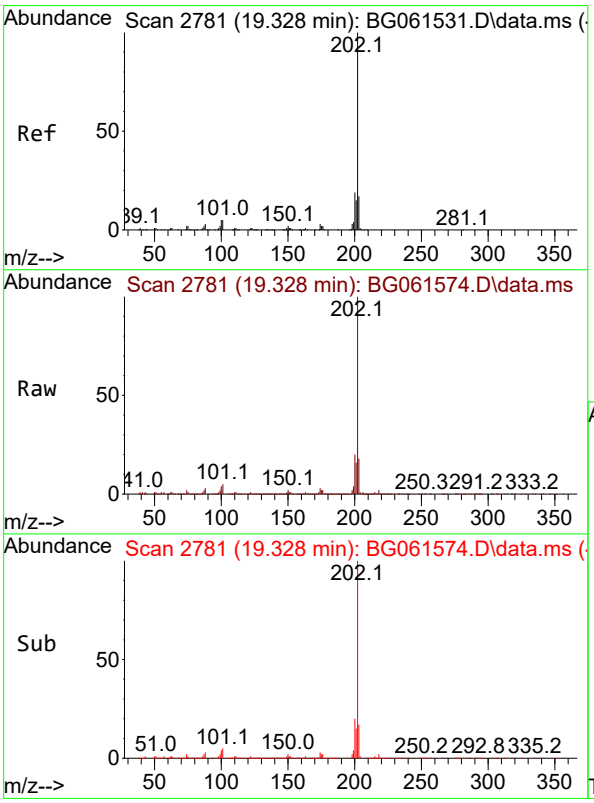
#77
Carbazole
Concen: 1.992 ng/ul
RT: 17.677 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:167 Resp: 15466

Ion	Ratio	Lower	Upper
167	100		
166	26.8	18.6	28.0
139	14.2	10.6	15.8

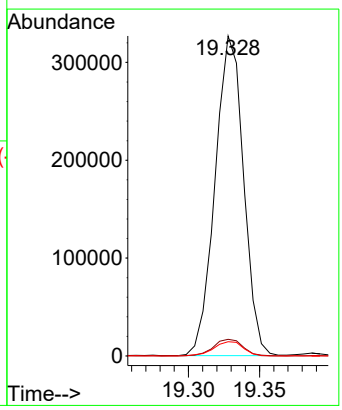


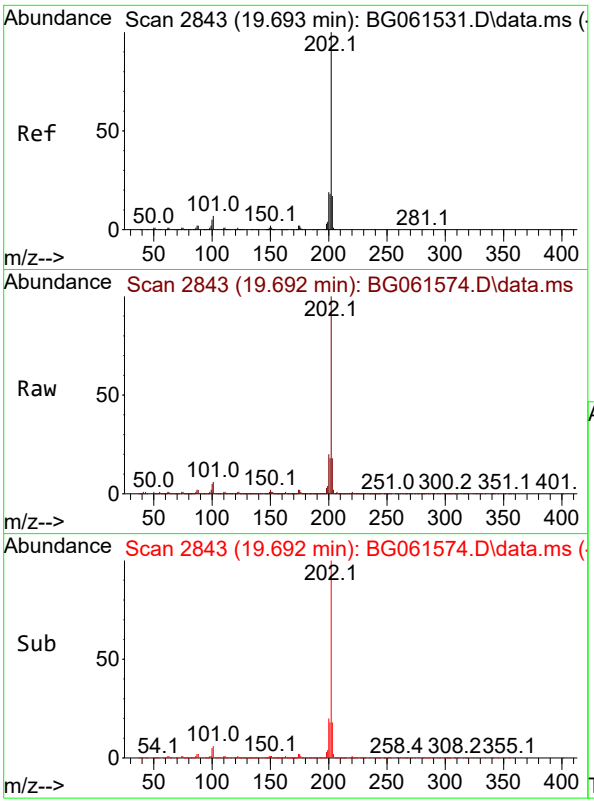


#80
Fluoranthene
Concen: 36.160 ng/ul
RT: 19.328 min Scan# 2781
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:202 Resp: 454684

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.8	7.2
100	4.4	4.1	6.1



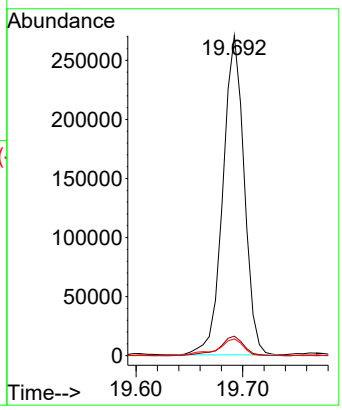


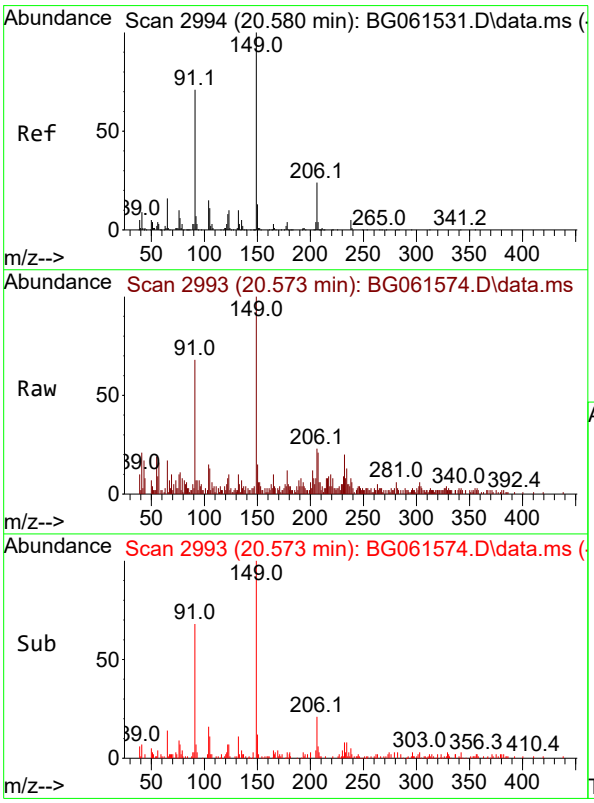
#82
Pyrene
Concen: 28.676 ng/ul
RT: 19.692 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:202 Resp: 374286

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.7	8.5
100	5.3	5.1	7.7

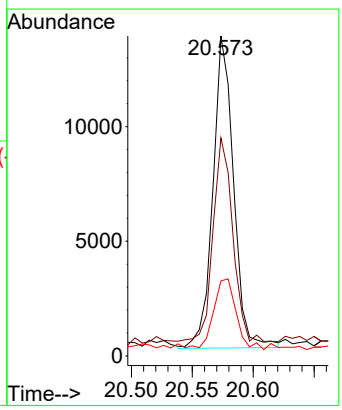


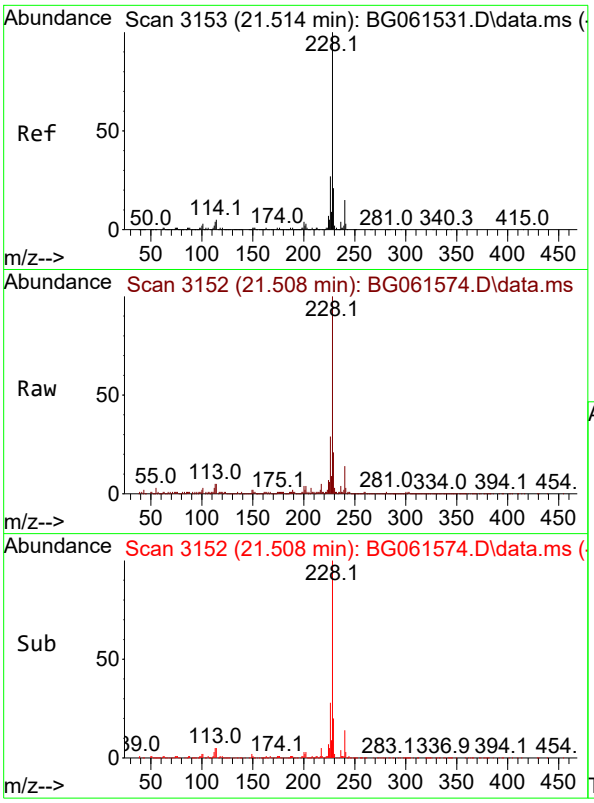


#83
Butylbenzylphthalate
Concen: 3.582 ng/ul
RT: 20.573 min Scan# 2993
Delta R.T. 0.000 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:149 Resp: 16060

Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.8	82.2
206	23.5	19.4	29.0



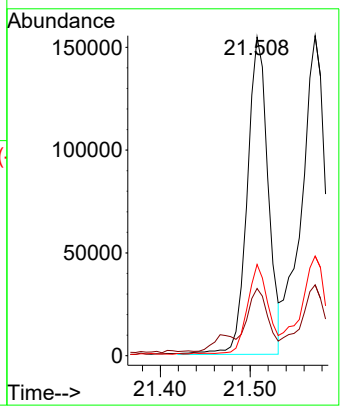


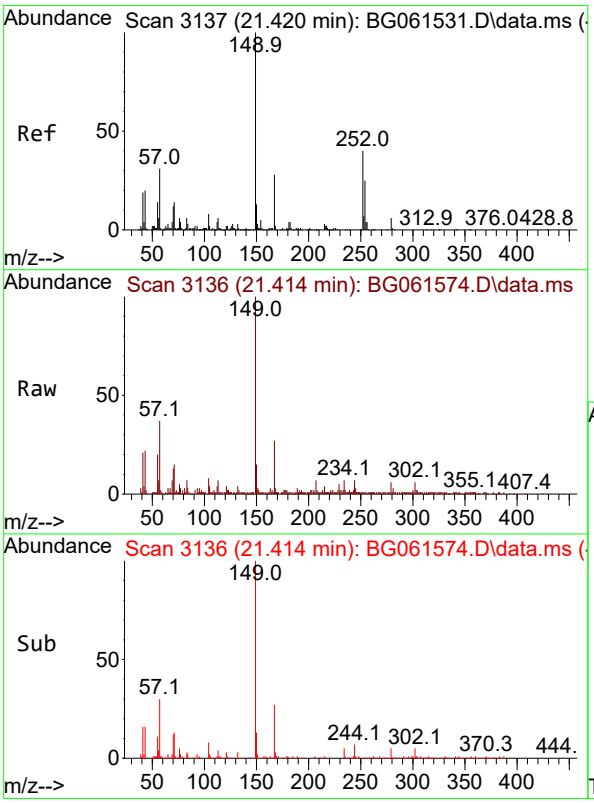
#85
Benzo(a)anthracene
Concen: 17.697 ng/ul
RT: 21.508 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:228 Resp: 249273

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.2	22.8
226	28.6	21.4	32.2

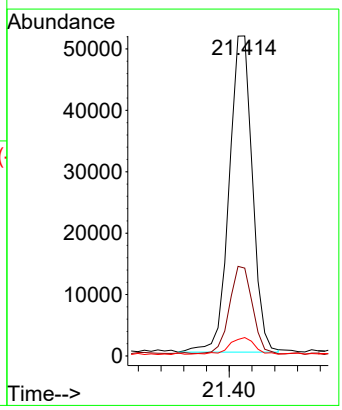


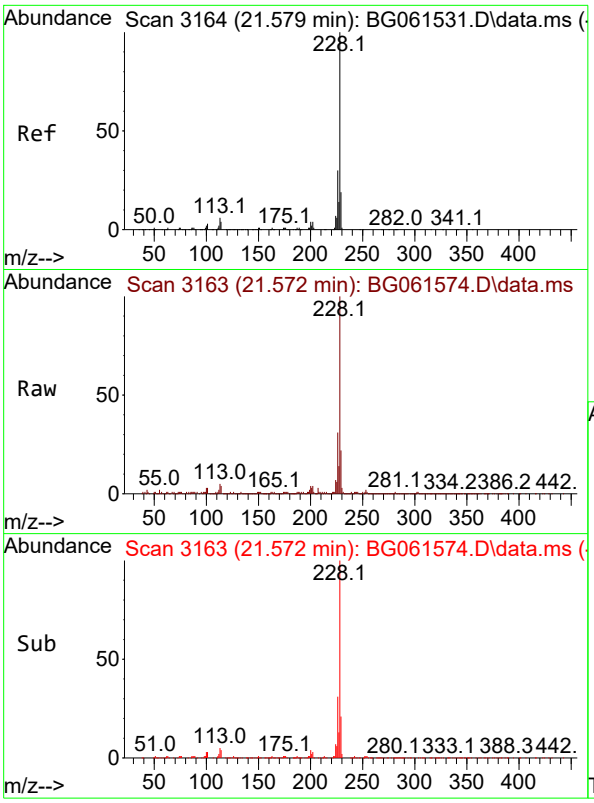


#86
Bis(2-ethylhexyl)phthalate
Concen: 10.992 ng/ul
RT: 21.414 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:149 Resp: 72954

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.1	31.7
279	5.8	3.3	4.9#



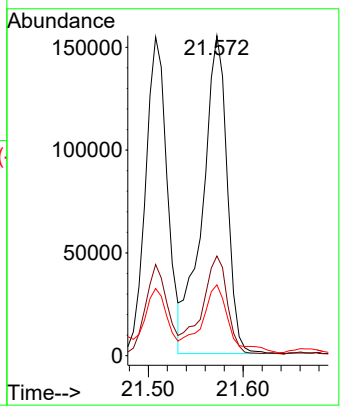


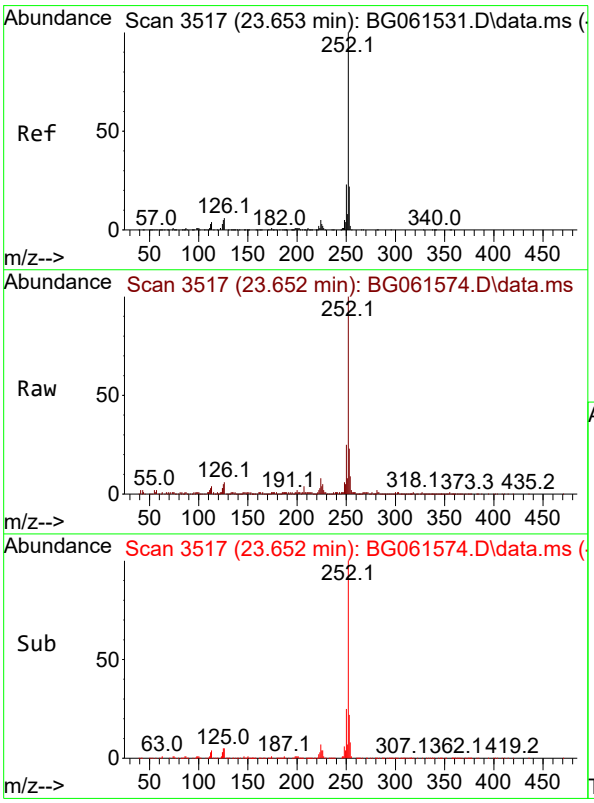
#87
Chrysene
Concen: 21.582 ng/ul
RT: 21.572 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:228 Resp: 279921

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	22.2	15.4	23.2

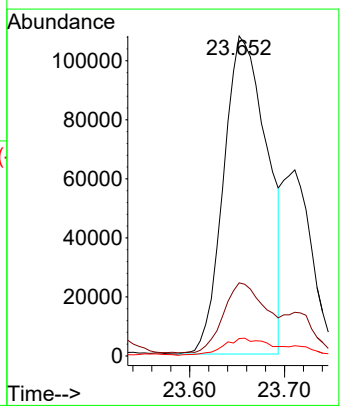


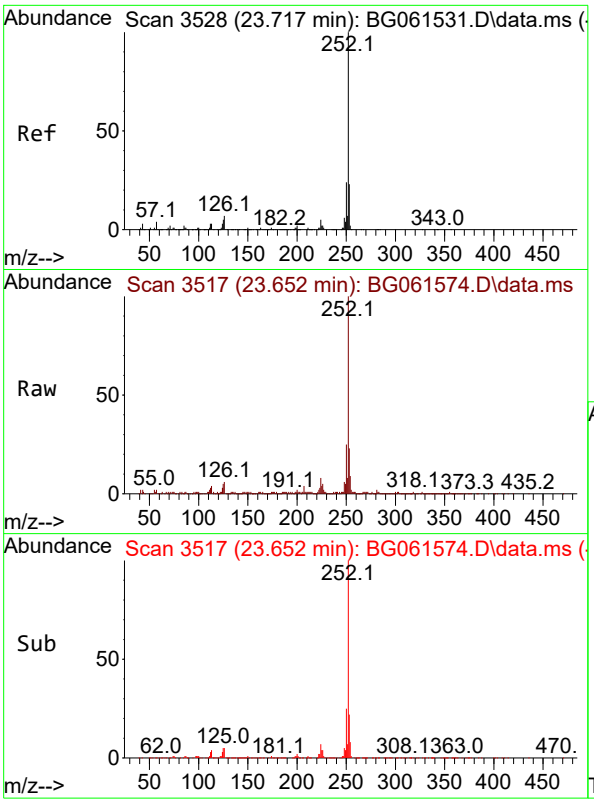


#90
Benzo(b)fluoranthene
Concen: 26.596 ng/ul
RT: 23.652 min Scan# 3517
Delta R.T. 0.018 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:252 Resp: 342789

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	5.5	4.6	6.8



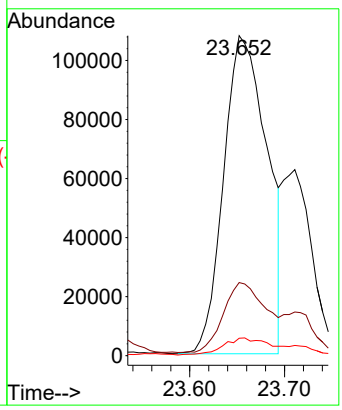


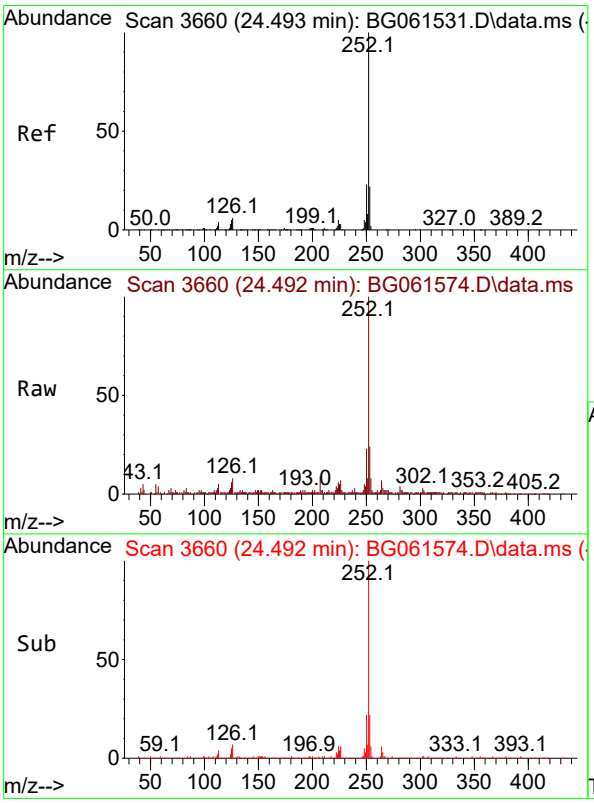
#91
Benzo(k)fluoranthene
Concen: 26.199 ng/ul
RT: 23.652 min Scan# 3
Delta R.T. -0.047 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:252 Resp: 342789

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	5.5	4.3	6.5

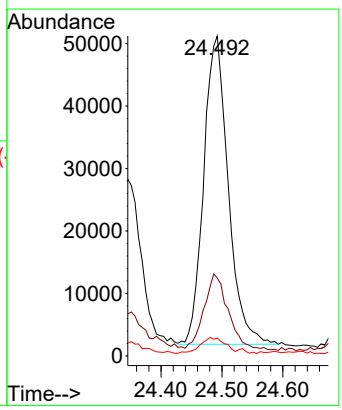


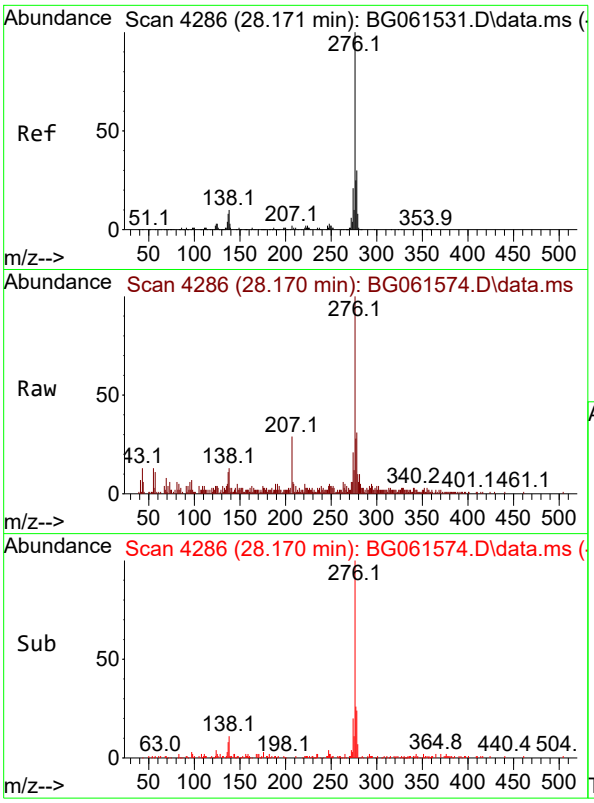


#93
Benzo(a)pyrene
Concen: 11.259 ng/ul
RT: 24.492 min Scan# 3660
Delta R.T. 0.024 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:252 Resp: 137800

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.4	24.6
125	5.6	4.3	6.5



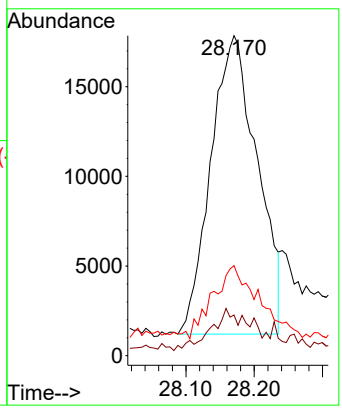


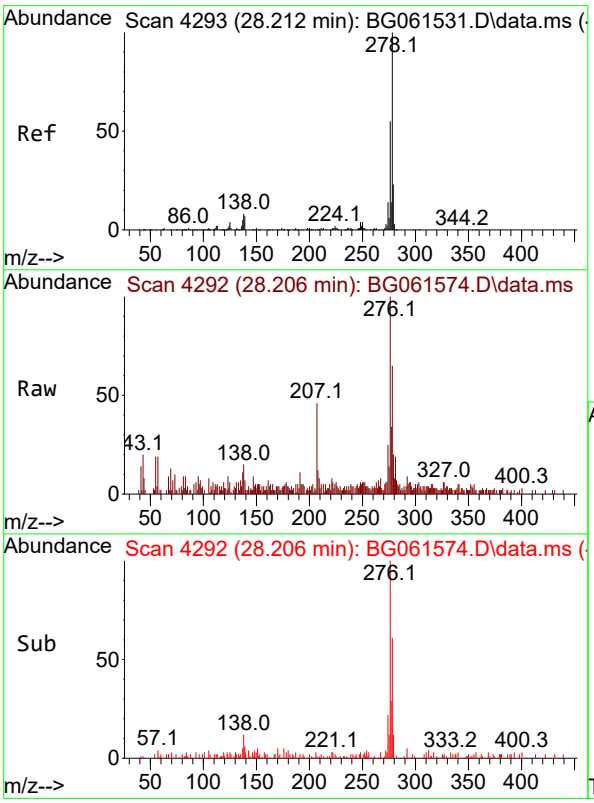
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.329 ng/ul
RT: 28.170 min Scan# 4
Delta R.T. 0.036 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Instrument :
BNA_G
ClientSampleId :
BHBT1

Tgt Ion:276 Resp: 78870

Ion	Ratio	Lower	Upper
276	100		
138	12.7	8.6	13.0
277	28.2	19.7	29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.122 ng/ul
RT: 28.206 min Scan# 4292
Delta R.T. 0.036 min
Lab File: BG061574.D
Acq: 8 Jun 2024 21:00

Tgt Ion:278 Resp: 13687

Ion	Ratio	Lower	Upper
278	100		
139	11.3	6.4	9.6#
279	30.1	19.9	29.9#