Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 17 00:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	37096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	171001	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.689	164	129733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	276524	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.698	240	223957	20.000	ng/ul	# 0.00
88) Perylene-d12	24.930	264	312139	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	246	0.249	ng/uL	0.01
4) Pyridine-d5	3.843	84	437	0.144	ng/ul	-0.02
7) Phenol-d5	7.221	99	13401	3.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	7288	2.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.585	132	10036	3.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	13480	4.217	ng/ul	0.00
21) Nitrobenzene-d5	9.225	128	6082	4.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	6804	4.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	11450	3.997	ng/ul	0.01
31) 4-Chloroaniline-d4	11.005	131	9526	2.290	ng/ul	0.00
46) Dimethylphthalate-d6	14.084	166	49619	4.652	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	47983	4.302	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	4814	2.826	ng/ul	0.00
60) Fluorene-d10	15.676	176	38142	4.248	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	1518	1.045	ng/ul	0.00
73) Anthracene-d10	17.532	188	64195	4.972	ng/ul	0.00
81) Pyrene-d10	19.812	212	53997	4.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.695	264	36871	2.382	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.923	128	135822	14.460	ng/ul	96
32) 4-Chloroaniline	10.917	127	18289	4.482	ng/ul#	27
36) 2-Methylnaphthalene	12.521	142	31077	4.567	ng/ul	99
37) 1-Methylnaphthalene	12.738	142	16874	2.386	ng/ul#	96
43) 1,1'-Biphenyl	13.525	154	10777	1.078	ng/ul#	89
52) Acenaphthene	14.753	153	54922	6.498	ng/ul	88
56) Dibenzofuran	15.082	168	95801	8.020	ng/ul	90
61) Fluorene	15.735	166	70565	6.946	ng/ul	97
72) Phenanthrene	17.480	178	755646	51.826	ng/ul	98
74) Anthracene	17.568	178	148301	9.842	ng/ul	96
77) Carbazole	17.838	167	82791	6.529	ng/ul#	96
80) Fluoranthene	19.483	202	727169	46.645	ng/ul#	90
82) Pyrene	19.842	202	352241	21.874	ng/ul#	91
85) Benzo(a)anthracene	21.681	228	282345	17.412	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.563	149	11720	1.209	ng/ul#	87
87) Chrysene	21.745	228	258998	17.062	ng/ul	94
90) Benzo(b)fluoranthene	23.901	252	344131	17.499	ng/ul#	95
91) Benzo(k)fluoranthene	23.901	252	344131	17.548	ng/ul#	98
93) Benzo(a)pyrene	24.771	252	104755	5.625	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.614	276	25047	1.052	ng/ul#	89

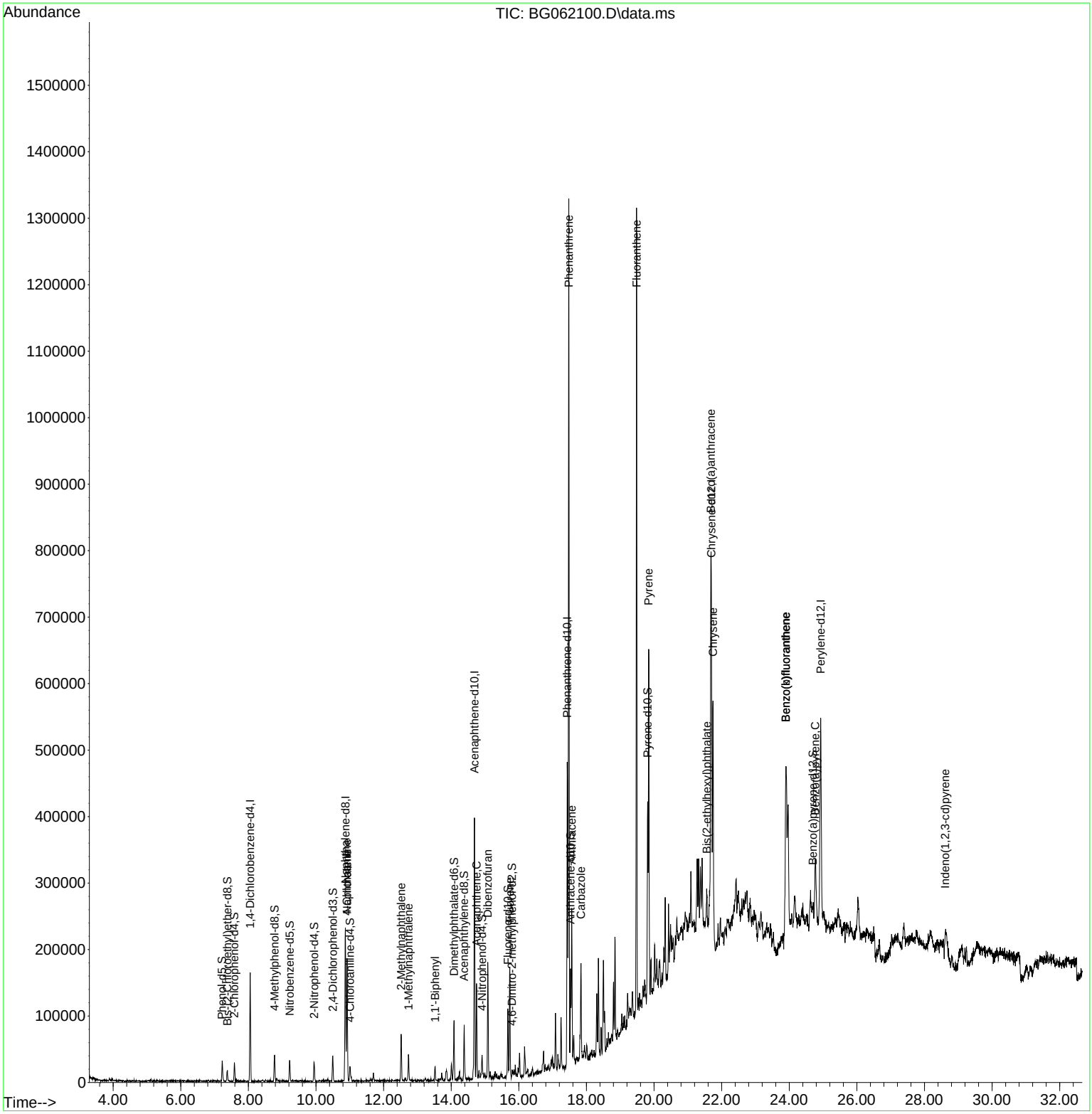
(#) = qualifier out of range (m) = manual integration (+) = signals summed

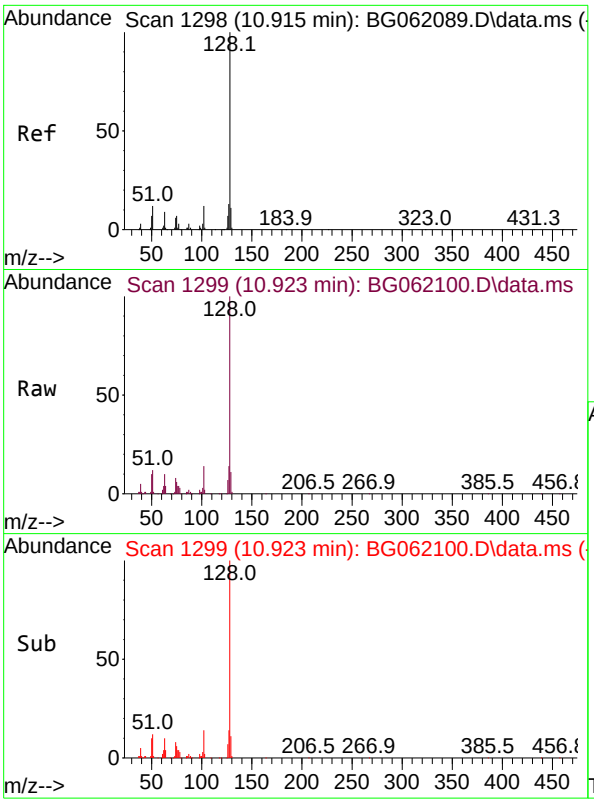
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062100.D
Acq On : 16 Jul 2024 18:59
Operator : MA/JU
Sample : P3177-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 17 00:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration



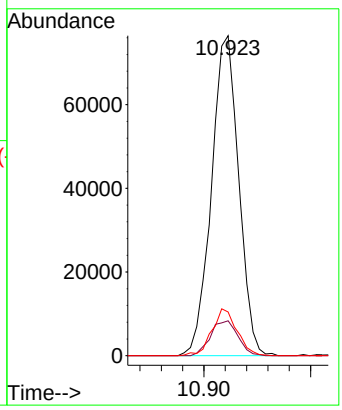


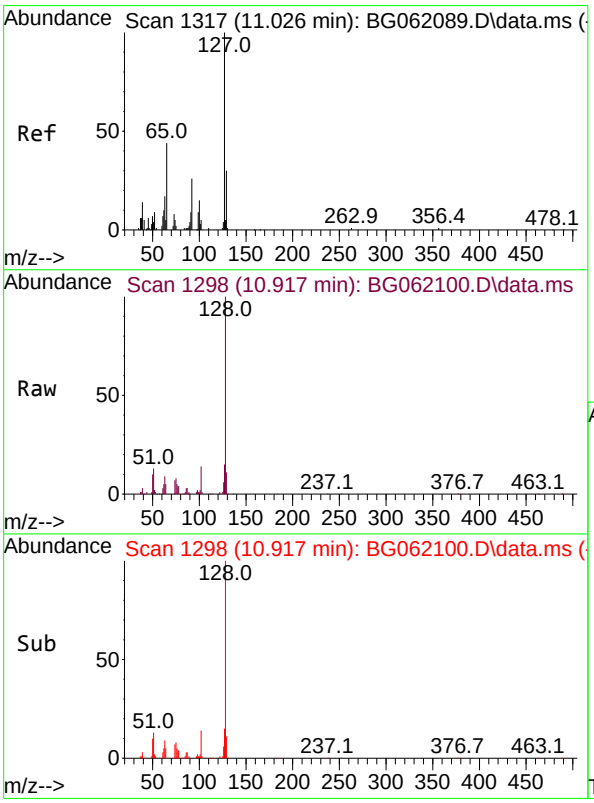
#30
Naphthalene
Concen: 14.460 ng/ul
RT: 10.923 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 135822

Ion	Ratio	Lower	Upper
128	100		
129	10.9	7.7	11.5
127	13.6	9.6	14.4

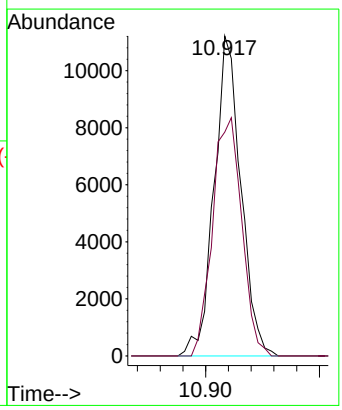


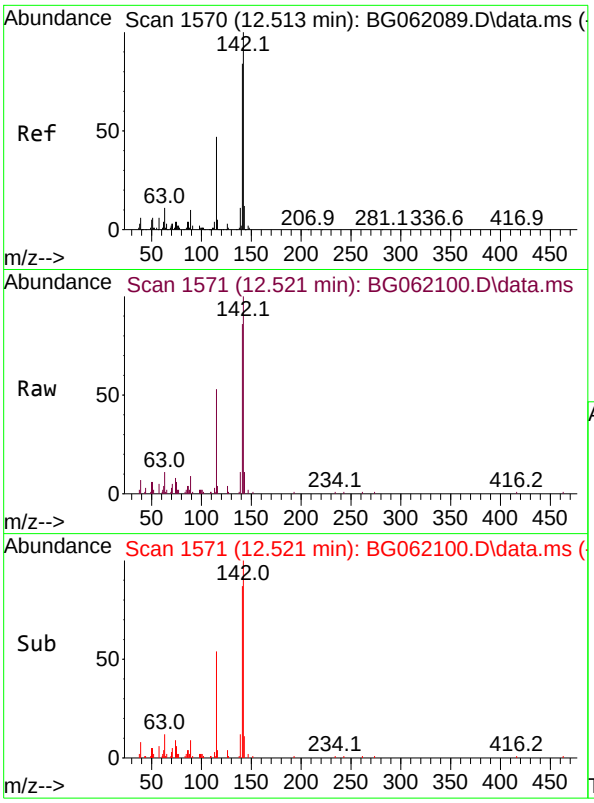


#32
4-Chloroaniline
Concen: 4.482 ng/ul
RT: 10.917 min Scan# 1298
Delta R.T. -0.110 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:127 Resp: 18289

Ion	Ratio	Lower	Upper
127	100		
129	70.0	24.2	36.4#



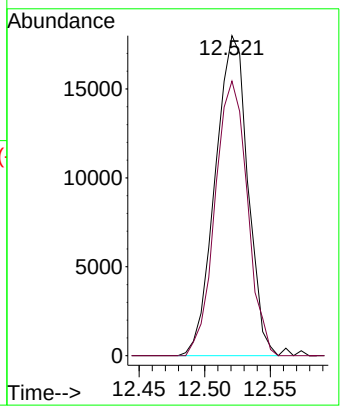


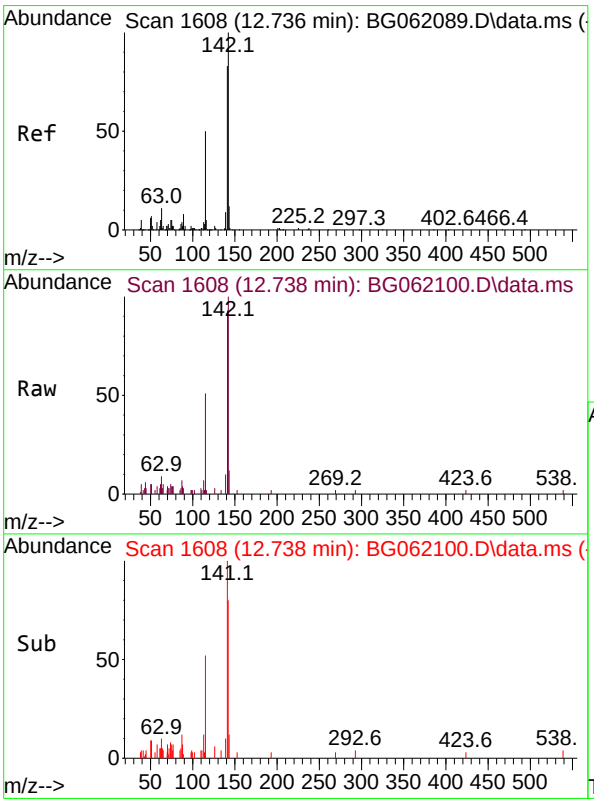
#36
2-Methylnaphthalene
Concen: 4.567 ng/ul
RT: 12.521 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 31077

Ion	Ratio	Lower	Upper
142	100		
141	85.8	69.4	104.2

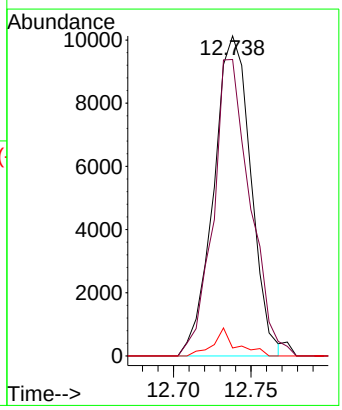


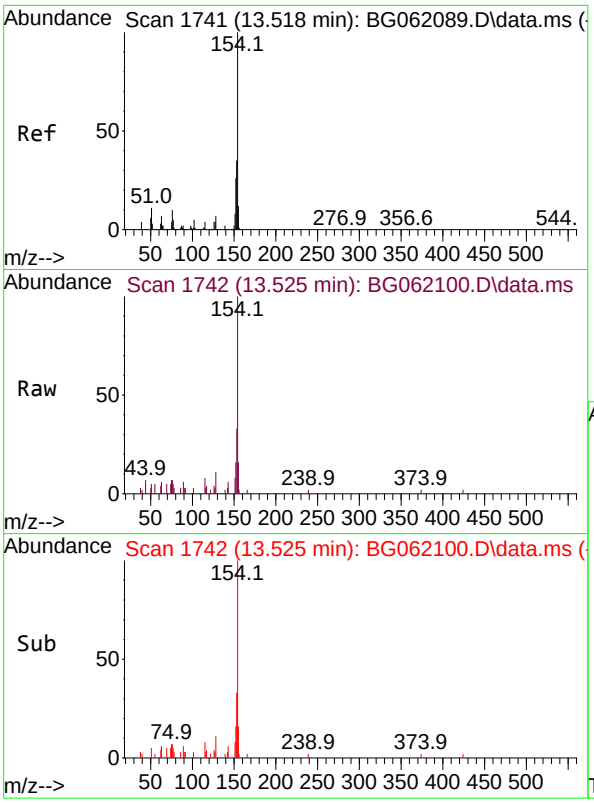


#37
1-Methylnaphthalene
Concen: 2.386 ng/ul
RT: 12.738 min Scan# 1608
Delta R.T. 0.002 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:142 Resp: 16874

Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.4	107.2
116	2.5	3.8	5.8#



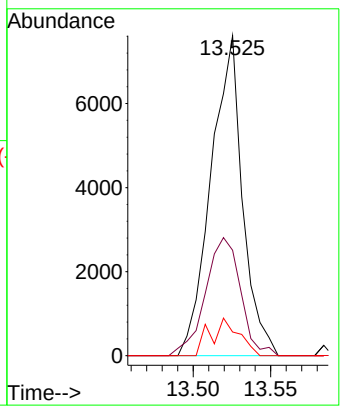


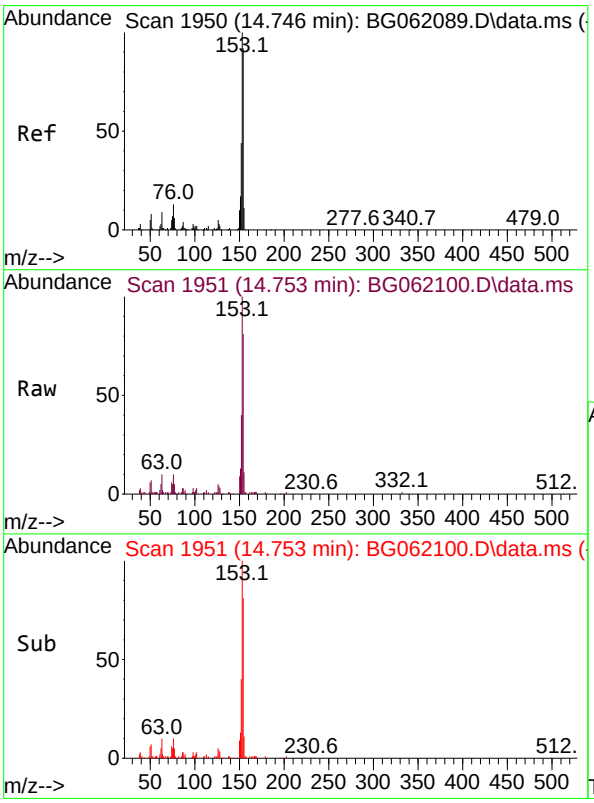
#43
1,1'-Biphenyl
Concen: 1.078 ng/ul
RT: 13.525 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 10777

Ion	Ratio	Lower	Upper
154	100		
153	33.0	31.7	47.5
76	7.4	10.0	15.0#

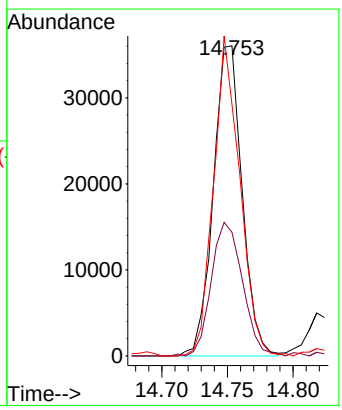


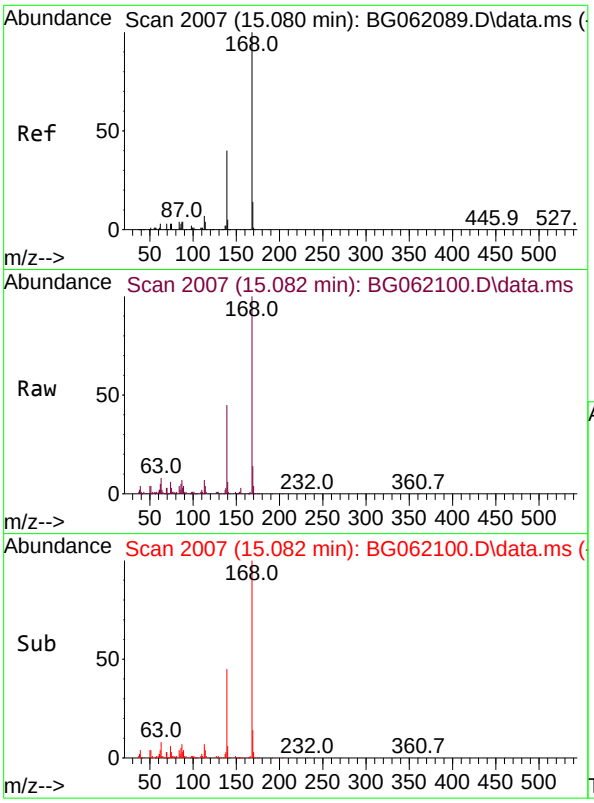


#52
Acenaphthene
Concen: 6.498 ng/ul
RT: 14.753 min Scan# 1951
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:153 Resp: 54922

Ion	Ratio	Lower	Upper
153	100		
152	39.9	37.2	55.8
154	81.2	75.0	112.6



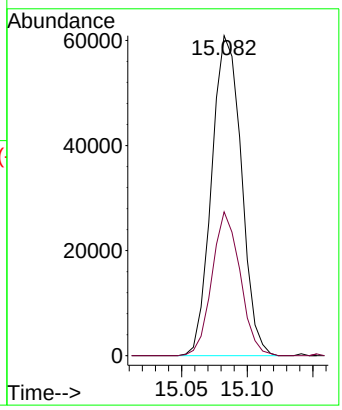


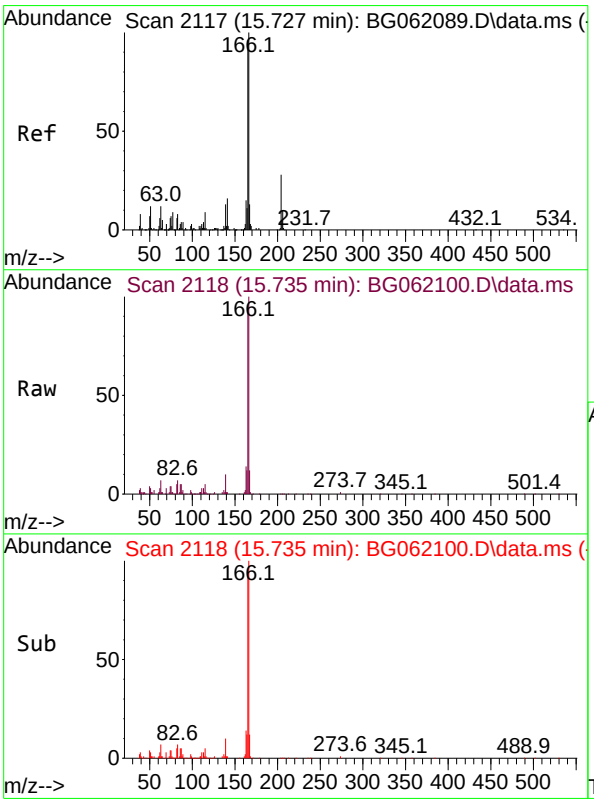
#56
Dibenzofuran
Concen: 8.020 ng/ul
RT: 15.082 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 95801

Ion	Ratio	Lower	Upper
168	100		
139	45.0	31.0	46.4

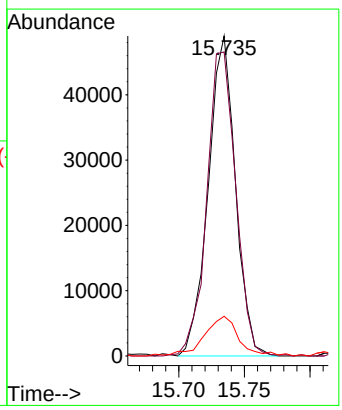


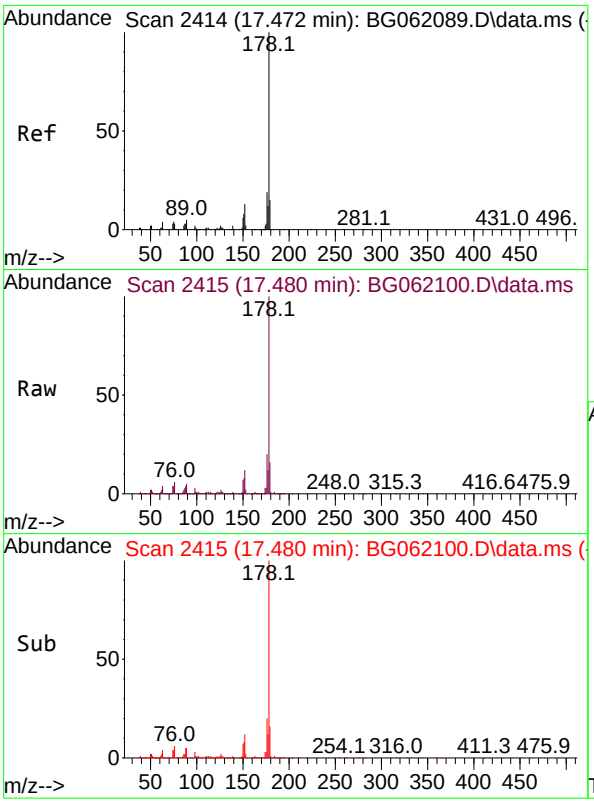


#61
Fluorene
Concen: 6.946 ng/ul
RT: 15.735 min Scan# 2118
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:166 Resp: 70565

Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.4	117.6
167	12.4	10.4	15.6



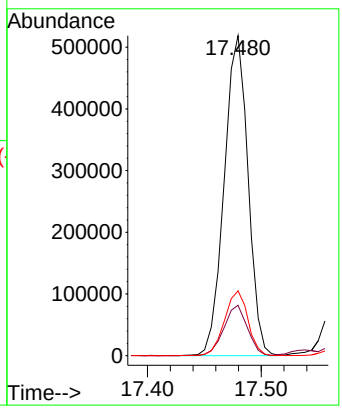


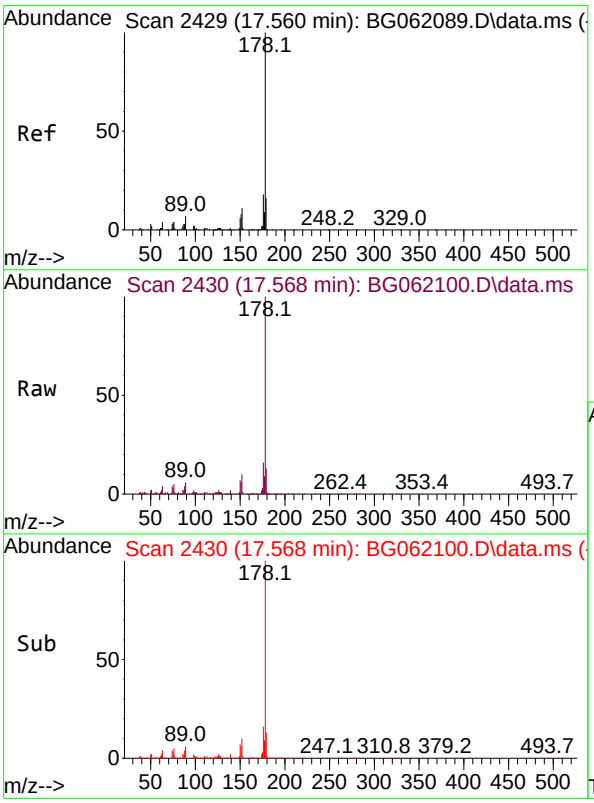
#72
Phenanthrene
Concen: 51.826 ng/ul
RT: 17.480 min Scan# 24
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 755646

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.9	17.9
176	20.3	15.5	23.3

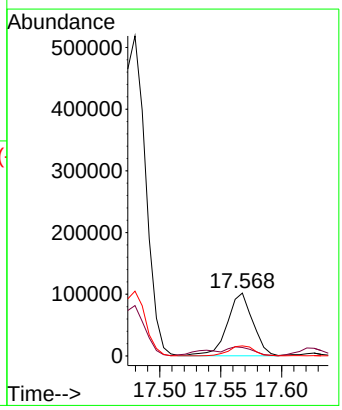


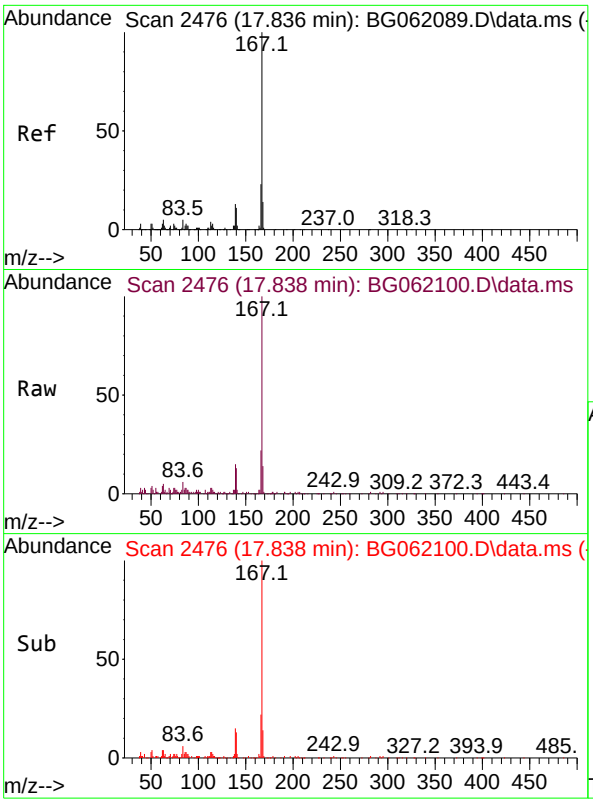


#74
Anthracene
Concen: 9.842 ng/ul
RT: 17.568 min Scan# 2430
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:178 Resp: 148301

Ion	Ratio	Lower	Upper
178	100		
179	13.5	11.9	17.9
176	16.1	14.7	22.1



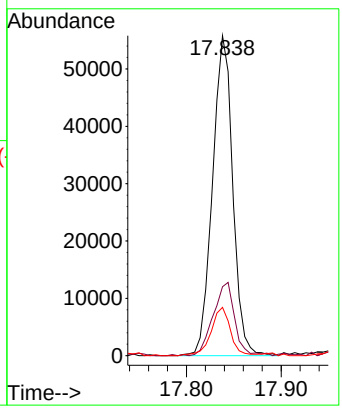


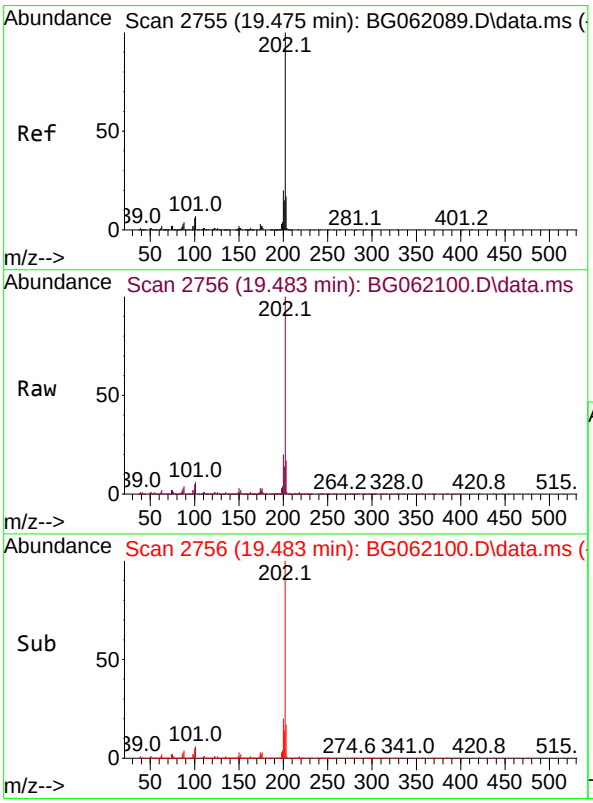
#77
Carbazole
Concen: 6.529 ng/ul
RT: 17.838 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 82791

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	15.1	9.6	14.4#

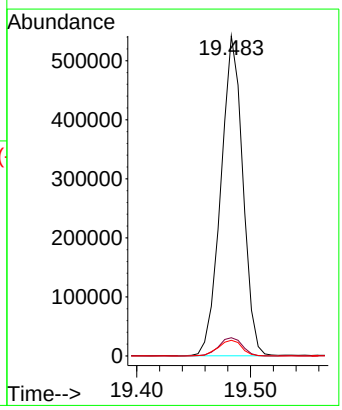


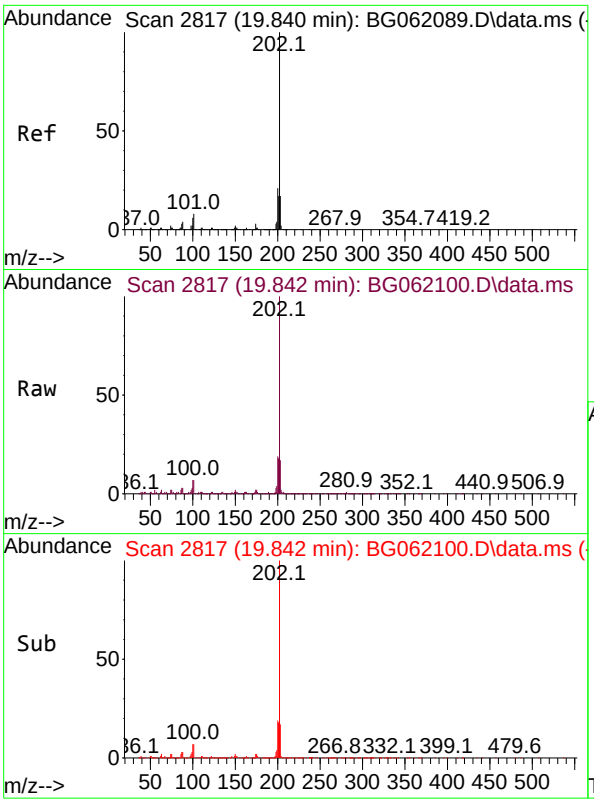


#80
Fluoranthene
Concen: 46.645 ng/ul
RT: 19.483 min Scan# 2756
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:202 Resp: 727169

Ion	Ratio	Lower	Upper
202	100		
101	5.7	7.4	11.2#
100	4.9	6.6	10.0#



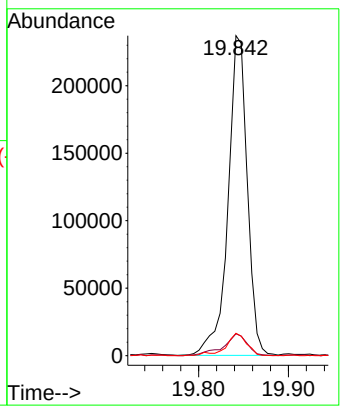


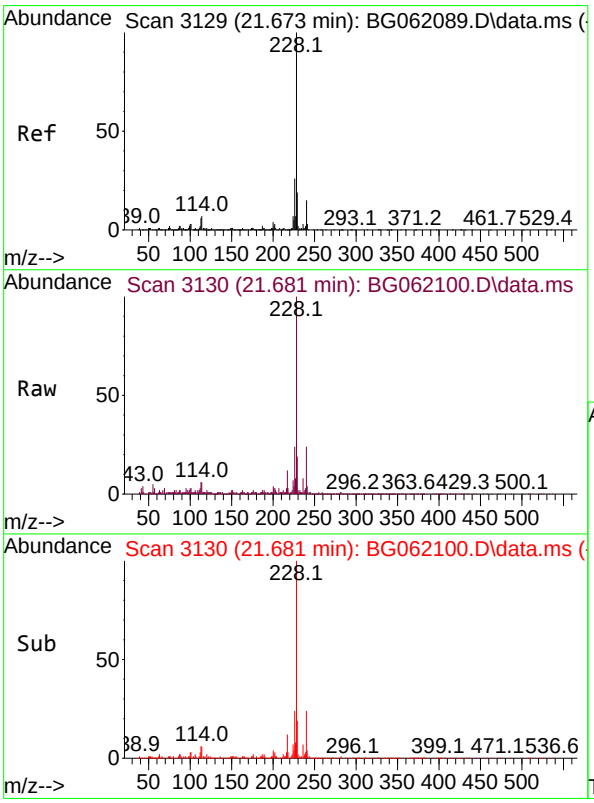
#82
Pyrene
Concen: 21.874 ng/ul
RT: 19.842 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 352241

Ion	Ratio	Lower	Upper
202	100		
101	6.9	8.8	13.2#
100	7.0	7.6	11.4#

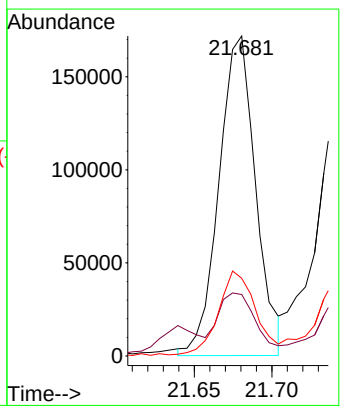


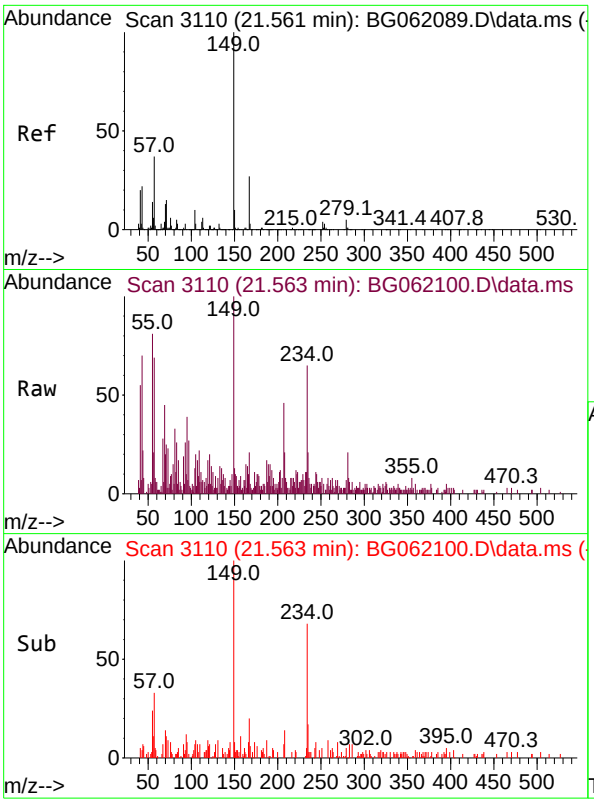


#85
Benzo(a)anthracene
Concen: 17.412 ng/ul
RT: 21.681 min Scan# 3130
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:228 Resp: 282345

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.7	23.5
226	24.3	21.7	32.5



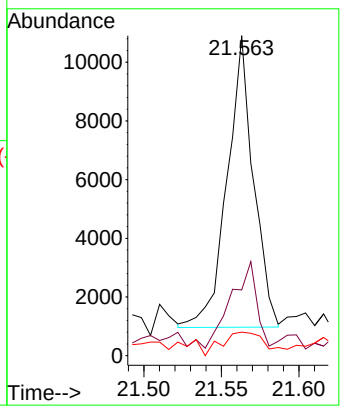


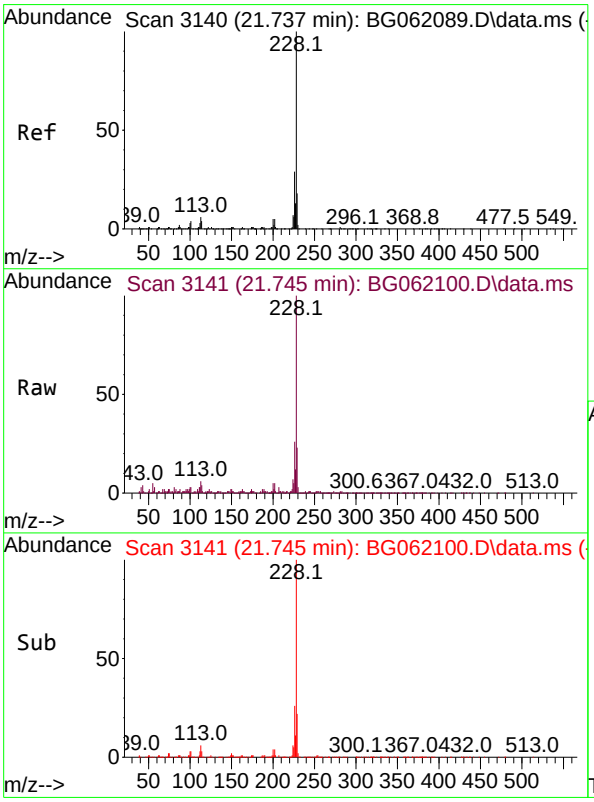
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.209 ng/ul
RT: 21.563 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 11720

Ion	Ratio	Lower	Upper
149	100		
167	20.6	21.7	32.5#
279	7.4	2.8	4.2#

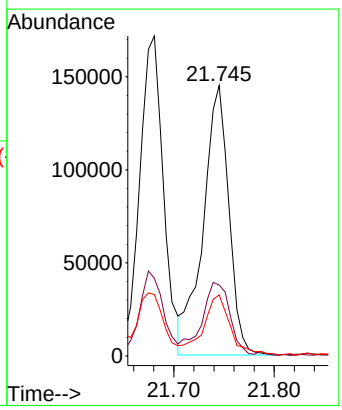


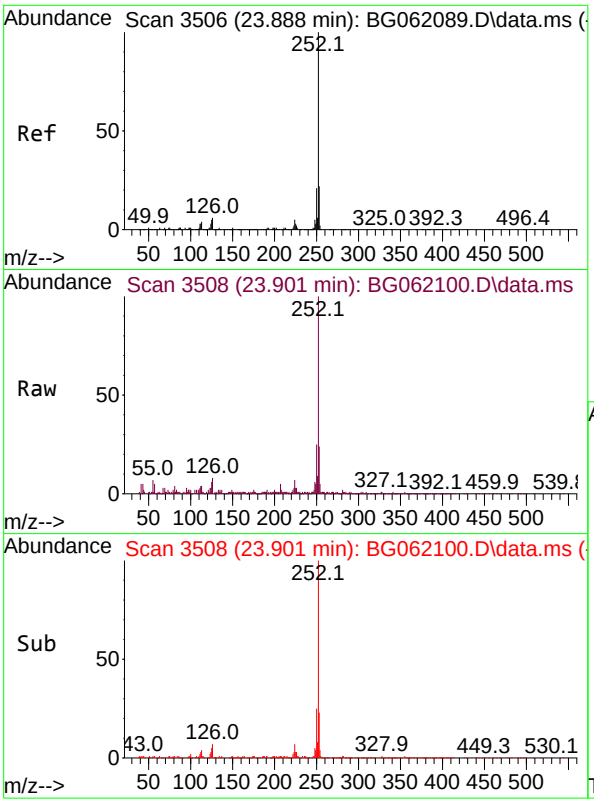


#87
Chrysene
Concen: 17.062 ng/ul
RT: 21.745 min Scan# 3141
Delta R.T. 0.008 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:228 Resp: 258998

Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.3	34.9
229	22.6	15.5	23.3



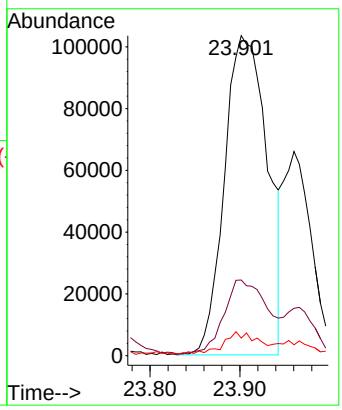


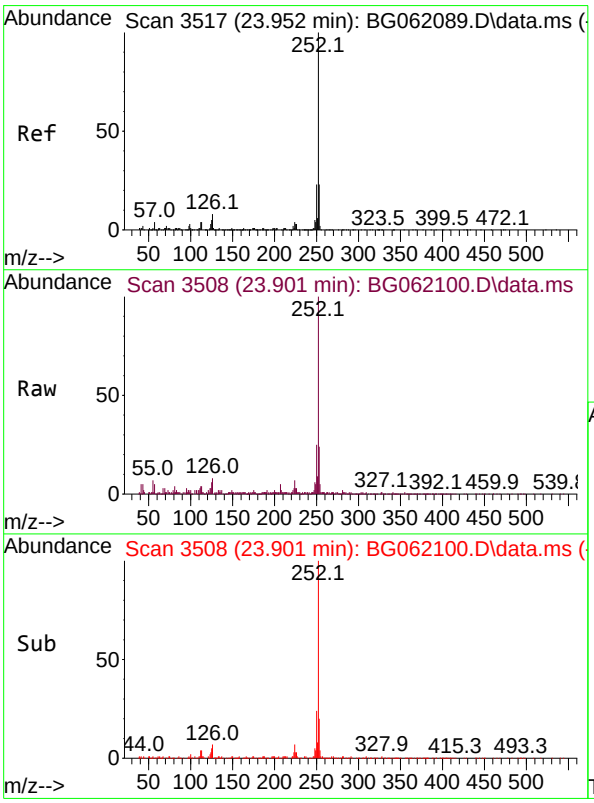
#90
Benzo(b)fluoranthene
Concen: 17.499 ng/ul
RT: 23.901 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 344131

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	5.5	6.1	9.1#

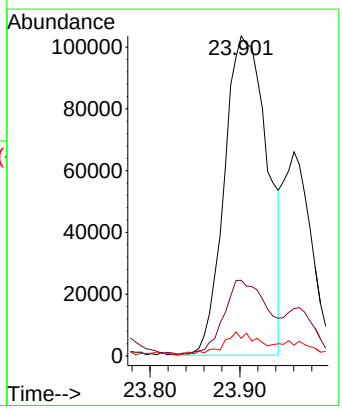


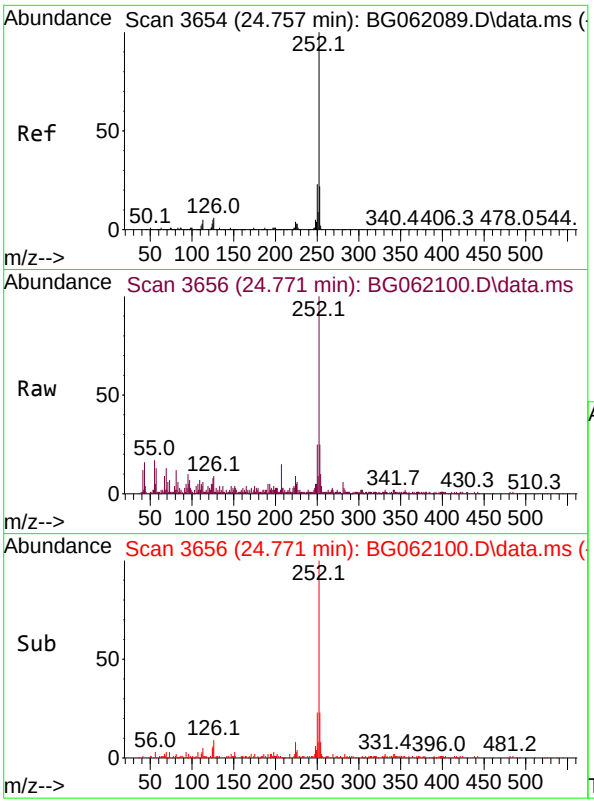


#91
Benzo(k)fluoranthene
Concen: 17.548 ng/ul
RT: 23.901 min Scan# 3508
Delta R.T. -0.051 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:252 Resp: 344131

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	5.5	6.3	9.5#



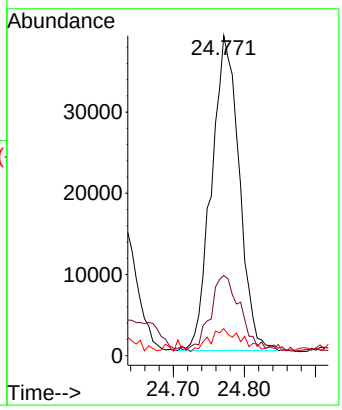


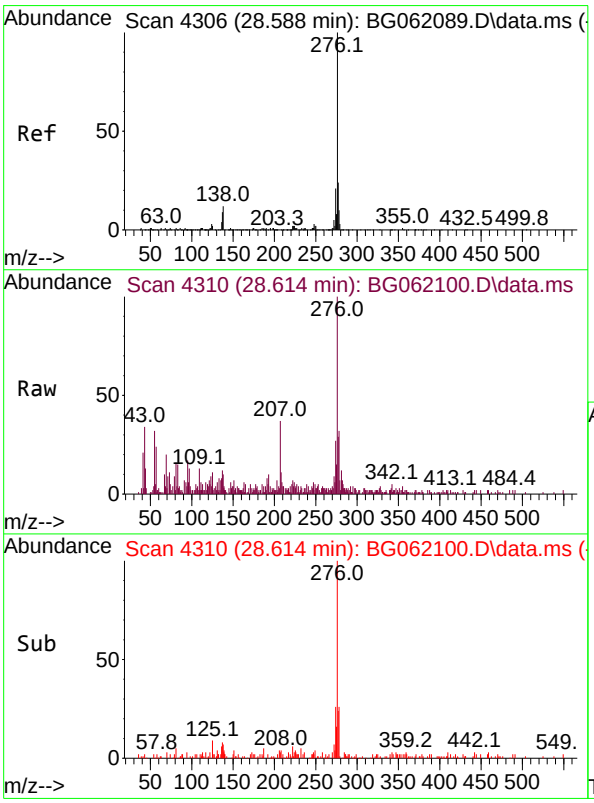
#93
Benzo(a)pyrene
Concen: 5.625 ng/ul
RT: 24.771 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 104755

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.5	24.7#
125	8.5	7.4	11.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.052 ng/ul
RT: 28.614 min Scan# 4310
Delta R.T. 0.025 min
Lab File: BG062100.D
Acq: 16 Jul 2024 18:59

Tgt Ion:276 Resp: 25047

Ion	Ratio	Lower	Upper
276	100		
138	9.5	11.9	17.9#
277	28.7	19.3	28.9