Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 17 00:46:45 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	8.054	152	35809	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	162717	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	122935	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	271475	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.697	240	234345	20.000	ng/ul	# 0.00
88) Perylene-d12	24.928	264	287953	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	1490	1.564	ng/uL	0.02
4) Pyridine-d5	3.882	84	921	0.314	ng/ul	0.02
7) Phenol-d5	7.225	99	55792	14.237	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	30880	12.443	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	38825	14.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.771	113	43041	13.950	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	20719	16.742	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	27457	19.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	48241	17.698	ng/ul	0.01
31) 4-Chloroaniline-d4	11.009	131	25208	6.370	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	149404	14.782	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	160200	15.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	18888	11.702	ng/ul	0.00
60) Fluorene-d10	15.674	176	116537	13.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	13963	9.794	ng/ul	0.00
73) Anthracene-d10	17.531	188	195314	15.410	ng/ul	0.00
81) Pyrene-d10	19.811	212	155824	11.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.705	264	97723	6.843	ng/ul	0.01
Target Compounds						Qvalue
52) Acenaphthene	14.746	153	12217	1.525	ng/ul	93
61) Fluorene	15.733	166	15062	1.565	ng/ul#	83
72) Phenanthrene	17.478	178	279697	19.540	ng/ul	98
74) Anthracene	17.566	178	61481	4.156	ng/ul	97
77) Carbazole	17.837	167	21085	1.694	ng/ul#	94
80) Fluoranthene	19.482	202	440872	27.027	ng/ul#	91
82) Pyrene	19.846	202	221832	13.165	ng/ul#	90
85) Benzo(a)anthracene	21.679	228	185208	10.916	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.562	149	50440	4.971	ng/ul#	99
87) Chrysene	21.744	228	185727	11.693	ng/ul	99
90) Benzo(b)fluoranthene	23.900	252	248055	13.673	ng/ul#	96
91) Benzo(k)fluoranthene	23.900	252	248055	13.711	ng/ul#	98
93) Benzo(a)pyrene	24.764	252	28472	1.657	ng/ul	98

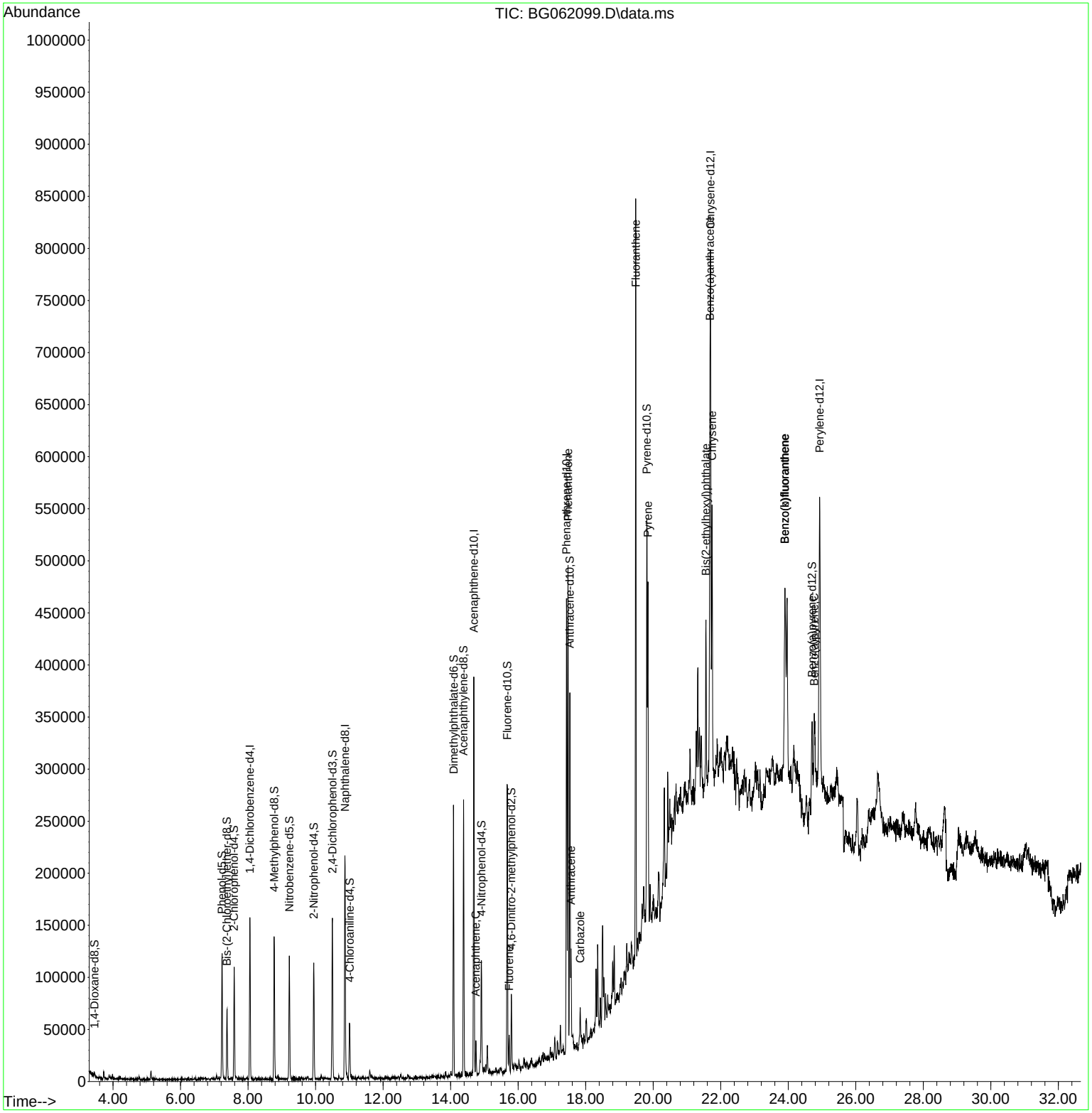
(#) = qualifier out of range (m) = manual integration (+) = signals summed

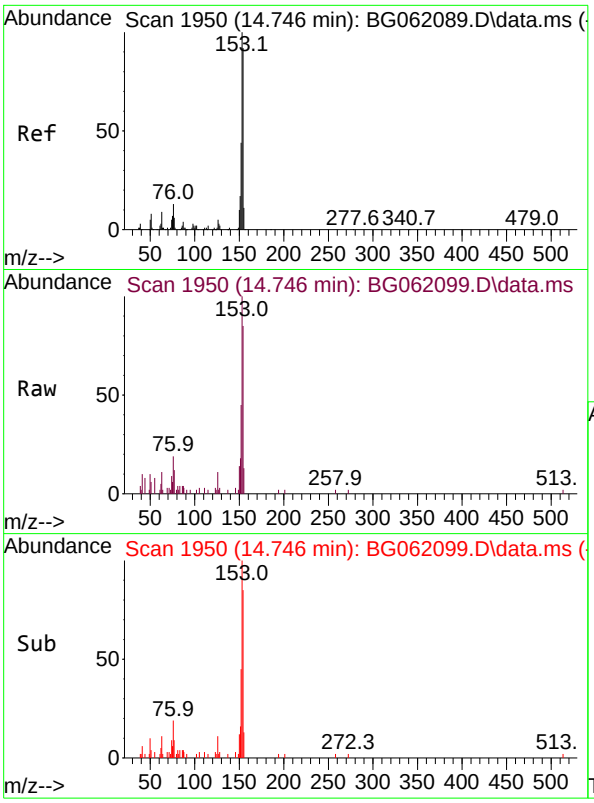
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062099.D
Acq On : 16 Jul 2024 18:18
Operator : MA/JU
Sample : P3177-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 17 00:46:45 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



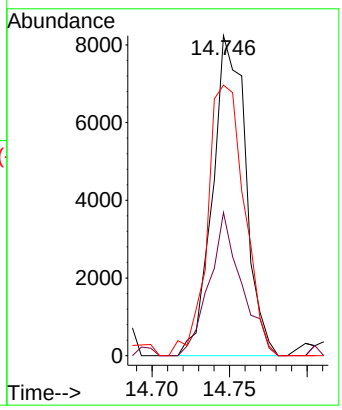


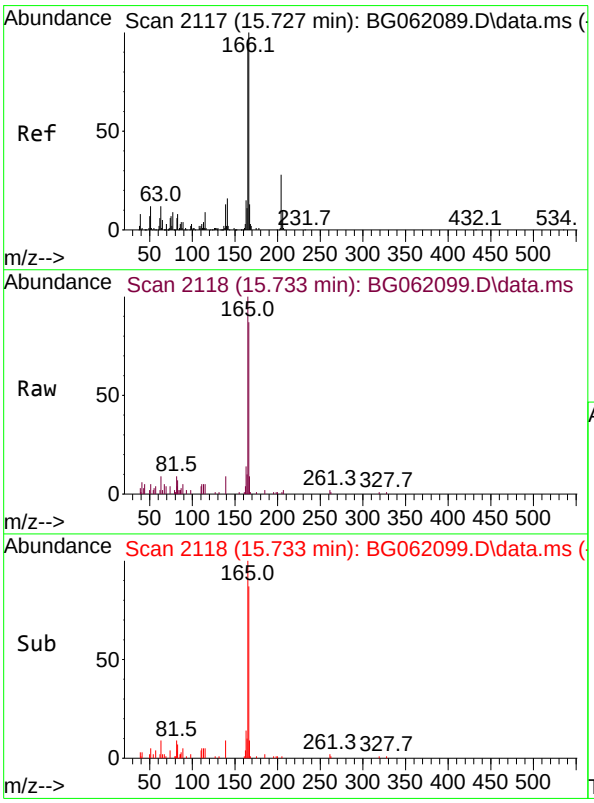
#52
Acenaphthene
Concen: 1.525 ng/ul
RT: 14.746 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 12217

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.2	55.8
154	84.5	75.0	112.6

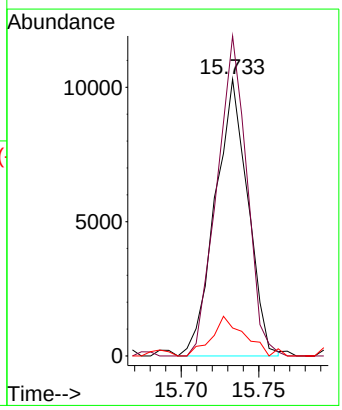


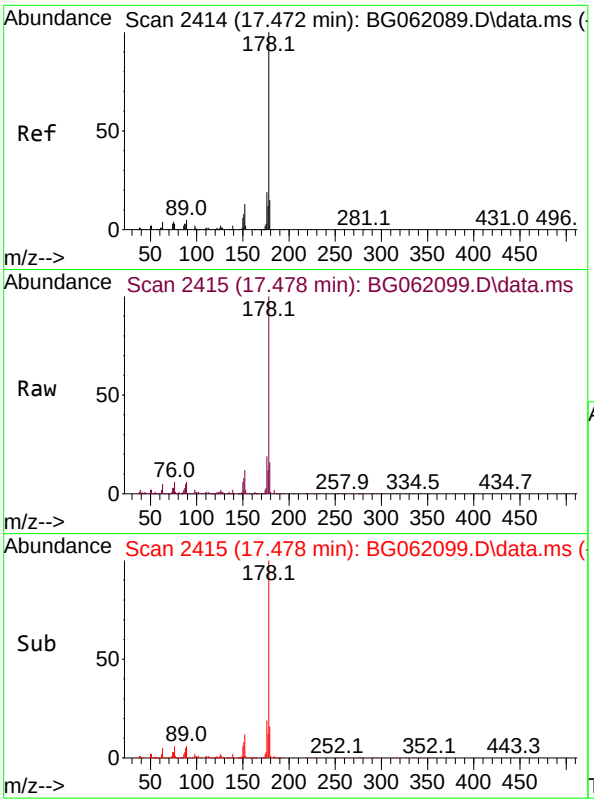


#61
Fluorene
Concen: 1.565 ng/ul
RT: 15.733 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Tgt Ion:166 Resp: 15062

Ion	Ratio	Lower	Upper
166	100		
165	115.6	78.4	117.6
167	10.1	10.4	15.6#



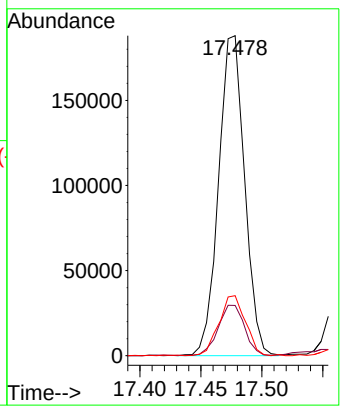


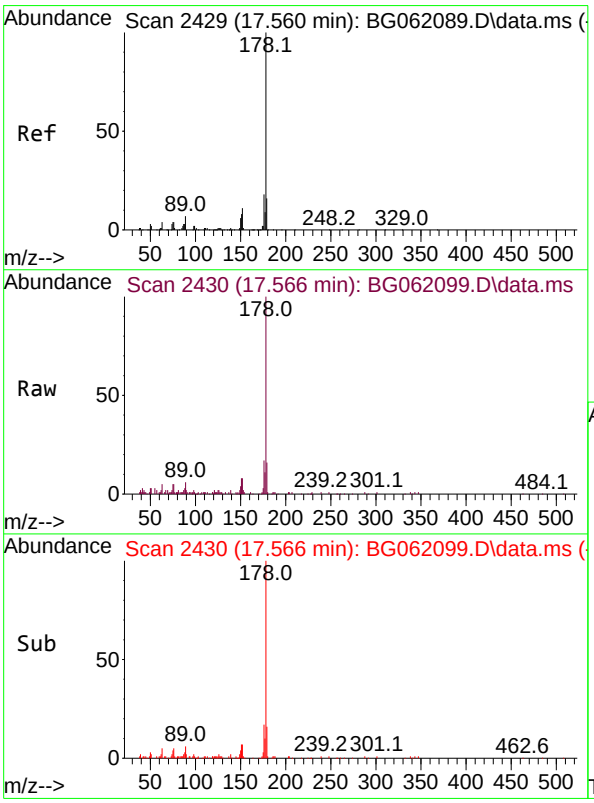
#72
Phenanthrene
Concen: 19.540 ng/ul
RT: 17.478 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 279697

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.8	15.5	23.3

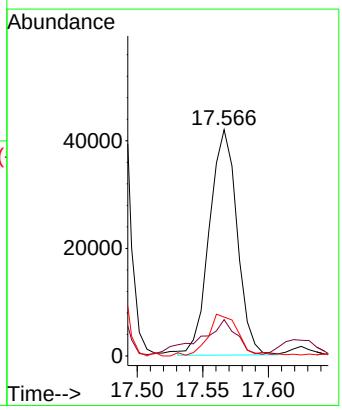


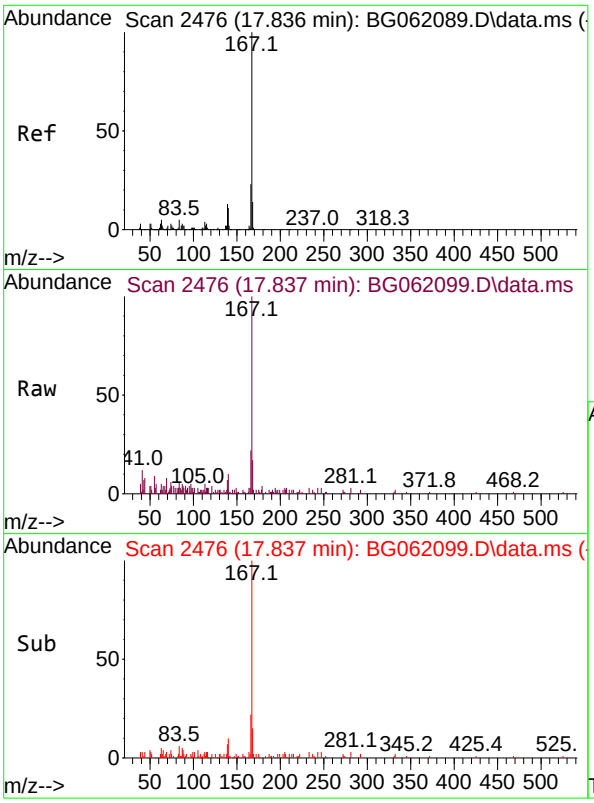


#74
Anthracene
Concen: 4.156 ng/ul
RT: 17.566 min Scan# 2430
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Tgt Ion:178 Resp: 61481

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.9	17.9
176	17.2	14.7	22.1



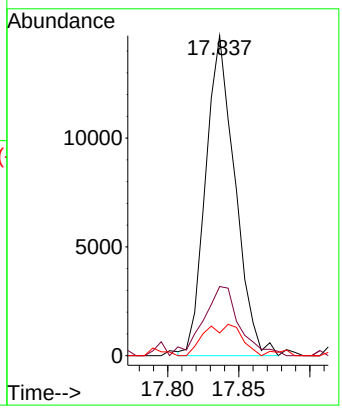


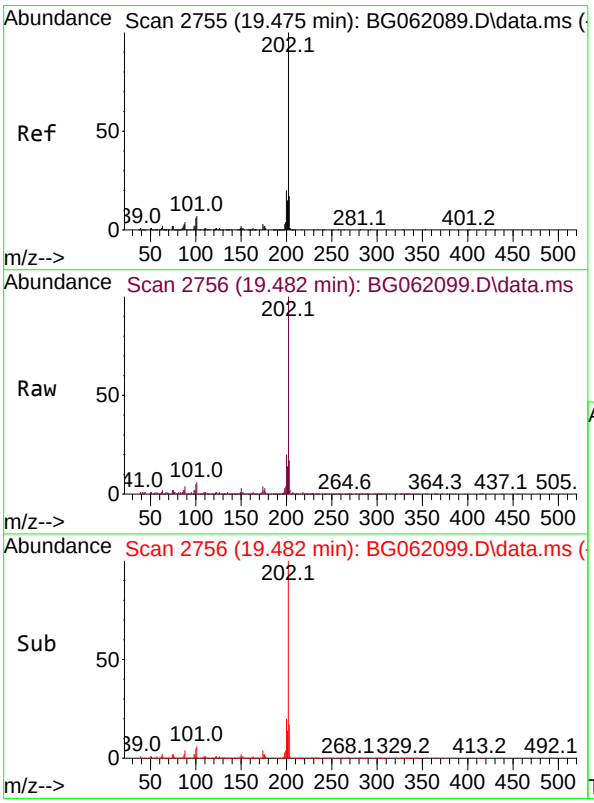
#77
Carbazole
Concen: 1.694 ng/ul
RT: 17.837 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 21085

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	7.1	9.6	14.4#

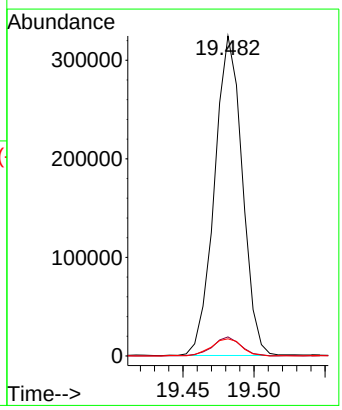


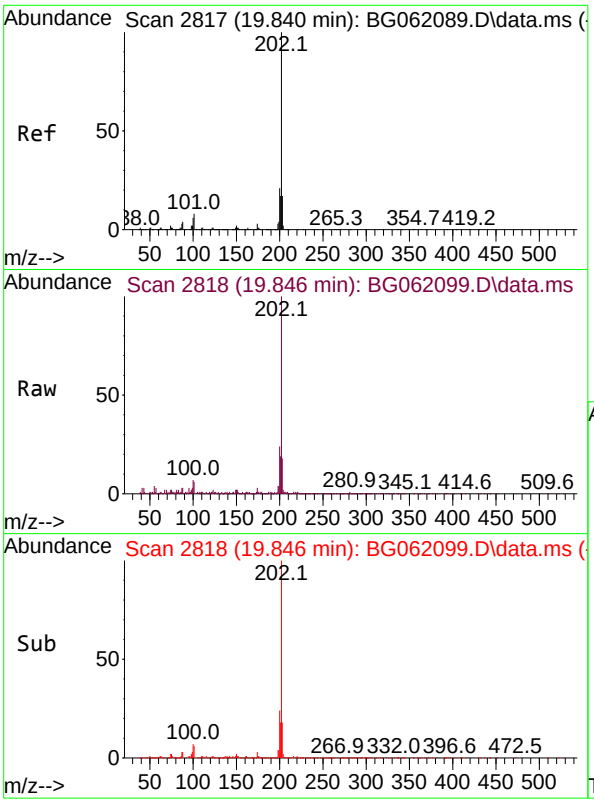


#80
Fluoranthene
Concen: 27.027 ng/ul
RT: 19.482 min Scan# 2756
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Tgt Ion:202 Resp: 440872

Ion	Ratio	Lower	Upper
202	100		
101	6.0	7.4	11.2#
100	5.3	6.6	10.0#



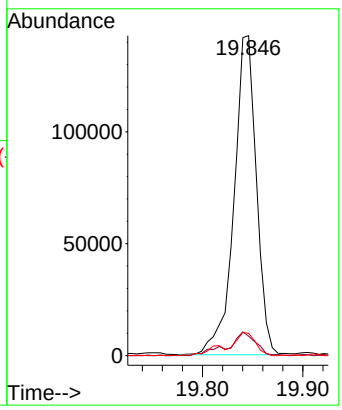


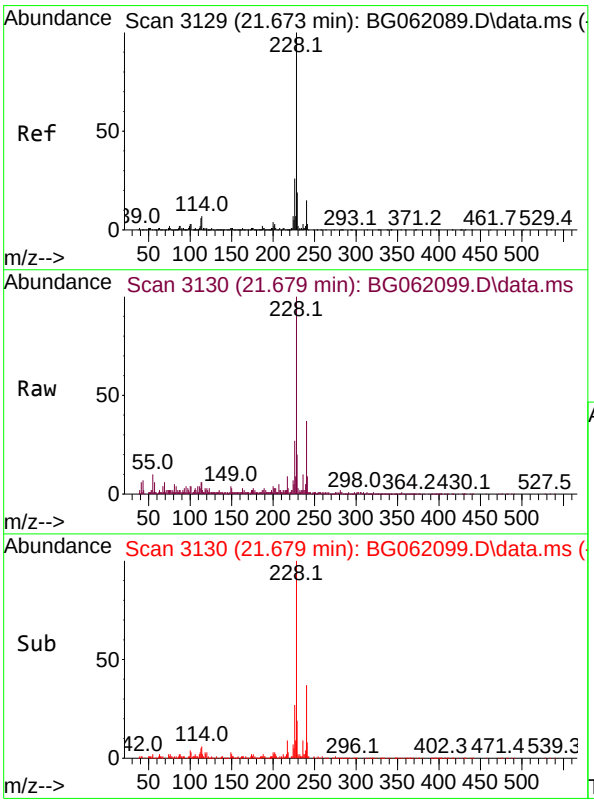
#82
Pyrene
Concen: 13.165 ng/ul
RT: 19.846 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 221832

Ion	Ratio	Lower	Upper
202	100		
101	6.1	8.8	13.2#
100	7.0	7.6	11.4#

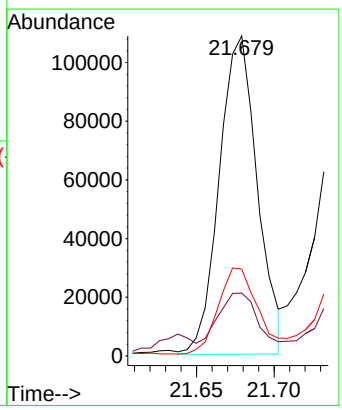


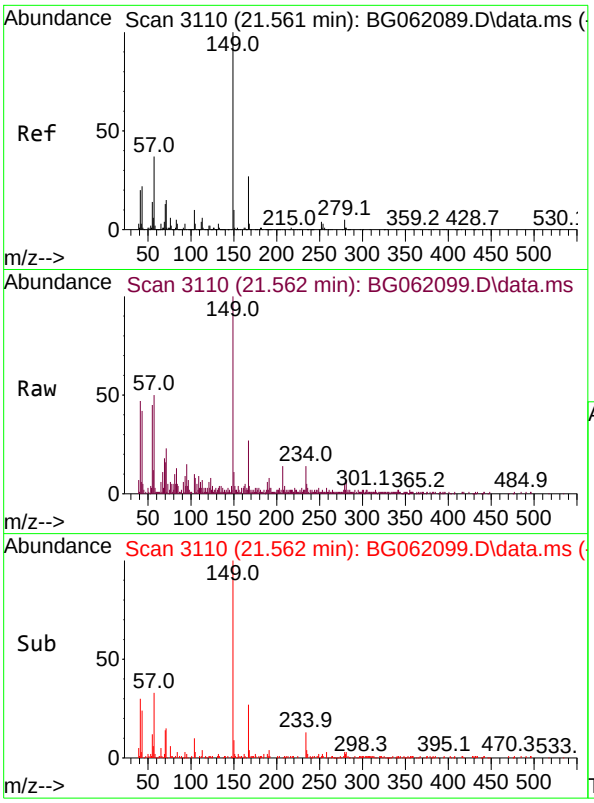


#85
Benzo(a)anthracene
Concen: 10.916 ng/ul
RT: 21.679 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Tgt Ion:228 Resp: 185208

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.2	21.7	32.5



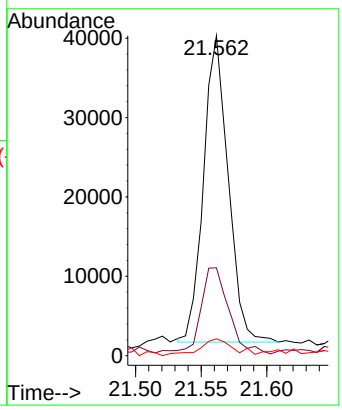


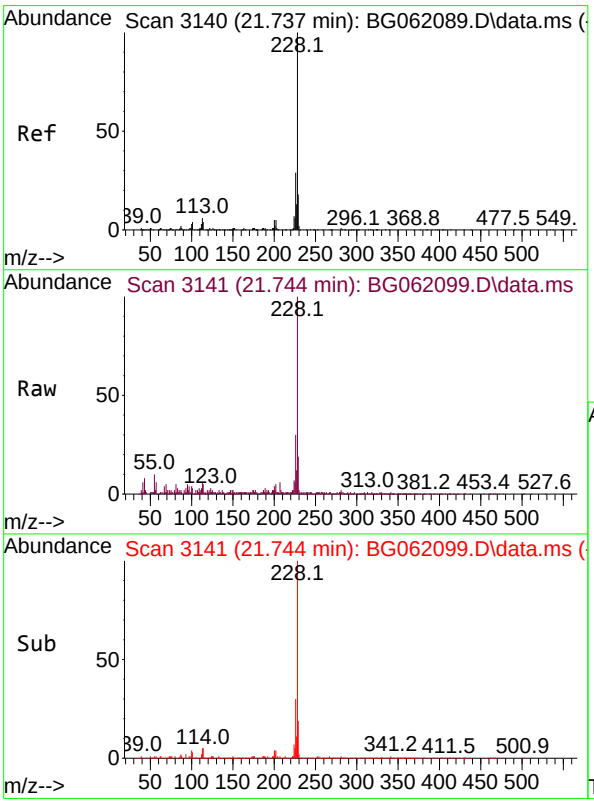
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.971 ng/ul
RT: 21.562 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 50440

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.7	32.5
279	5.3	2.8	4.2#

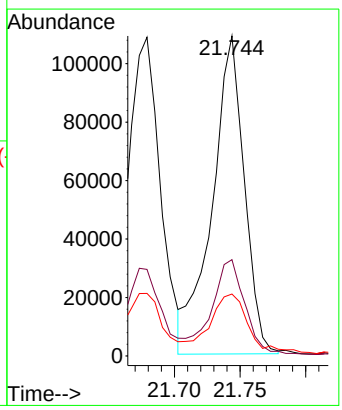


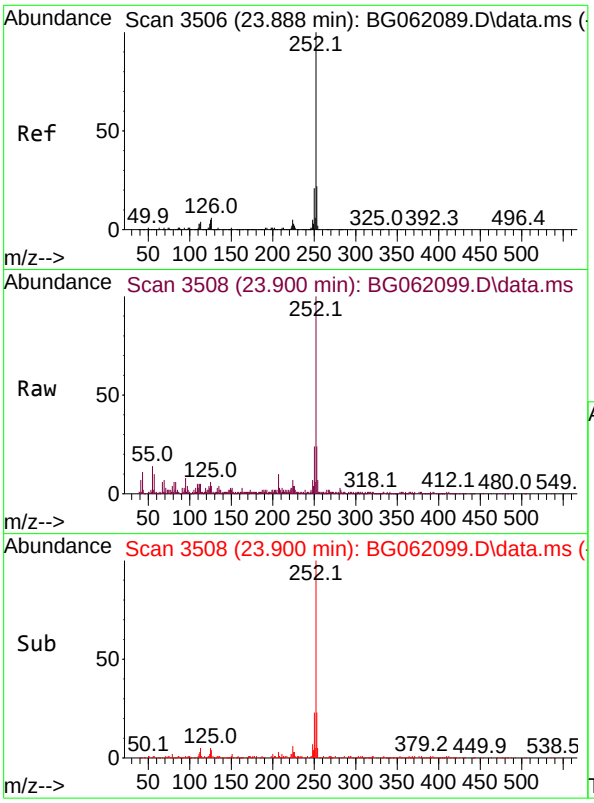


#87
Chrysene
Concen: 11.693 ng/ul
RT: 21.744 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Tgt Ion:228 Resp: 185727

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.4	15.5	23.3



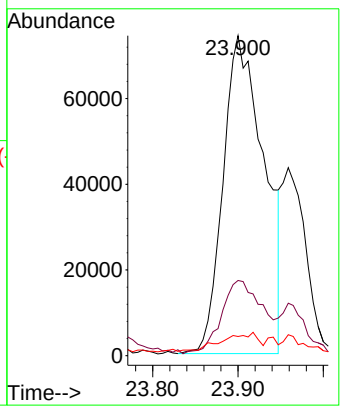


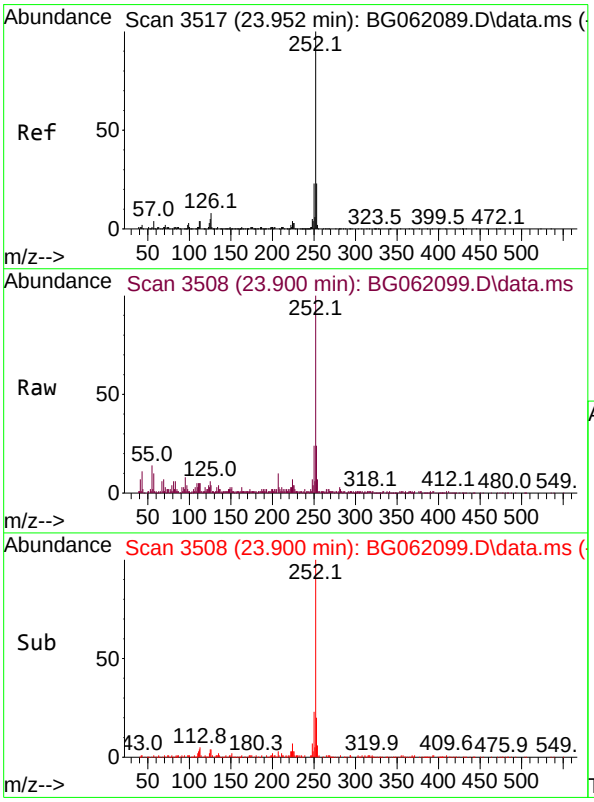
#90
Benzo(b)fluoranthene
Concen: 13.673 ng/ul
RT: 23.900 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 248055

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	6.0	6.1	9.1#

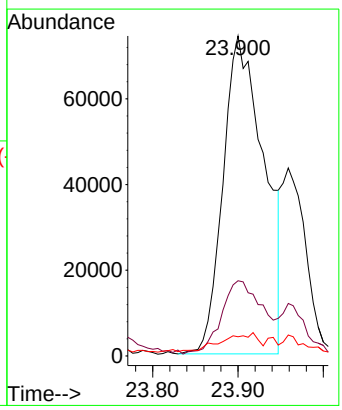


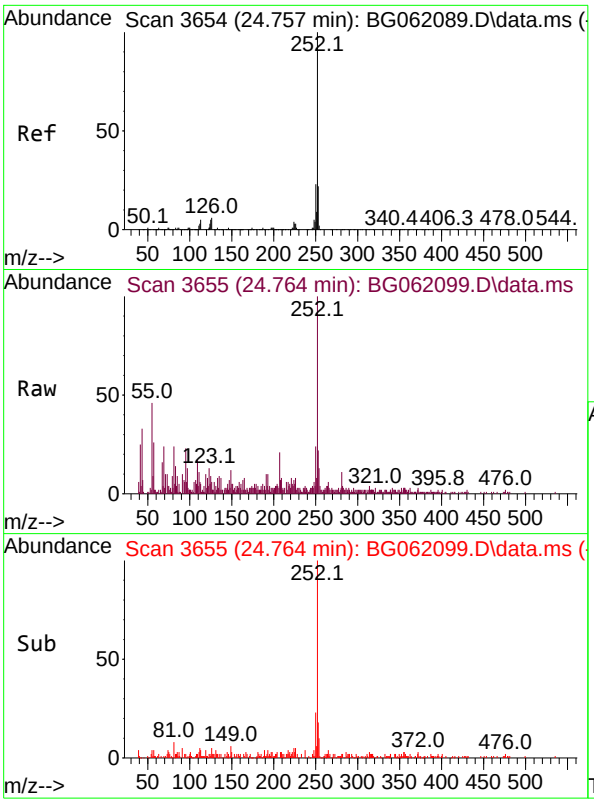


#91
Benzo(k)fluoranthene
Concen: 13.711 ng/ul
RT: 23.900 min Scan# 3508
Delta R.T. -0.052 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Tgt Ion:252 Resp: 248055

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	6.0	6.3	9.5#





#93
Benzo(a)pyrene
Concen: 1.657 ng/ul
RT: 24.764 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG062099.D
Acq: 16 Jul 2024 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 28472

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.5	24.7
125	9.4	7.4	11.2