Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058157.D
Acq On : 11 Jul 2023 12:53
Operator : CG/JU
Sample : 03386-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX801

Quant Time: Jul 11 22:54:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	53183	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	240922	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.600	164	167968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.344	188	372418	20.000	ng/ul	0.00
79) Chrysene-d12	21.609	240	297723	20.000	ng/ul	0.00
88) Perylene-d12	24.811	264	393111	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	2156	1.420	ng/uL	0.00
4) Pyridine-d5	3.818	84	7294	1.582	ng/ul	0.00
7) Phenol-d5	7.132	99	52215	9.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.297	67	30159	9.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.502	132	36286	9.687	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	38494	9.393	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	18496	9.419	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	21110	10.229	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	40281	10.175	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	585	0.097	ng/ul	0.00
46) Dimethylphthalate-d6	14.000	166	130933	9.880	ng/ul	0.00
49) Acenaphthylene-d8	14.294	160	150025	10.374	ng/ul	0.00
54) 4-Nitrophenol-d4	14.800	143	11897	5.081	ng/ul	0.00
60) Fluorene-d10	15.593	176	116739	10.372	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	10458	5.171	ng/ul	0.00
73) Anthracene-d10	17.444	188	185314	10.723	ng/ul	0.00
81) Pyrene-d10	19.729	212	209357	11.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.588	264	212052	10.588	ng/ul	0.02
Target Compounds						Qvalue
6) Benzaldehyde	7.114	77	4677	2.579	ng/ul	87
8) Phenol	7.161	94	7427	1.348	ng/ul	95
16) Acetophenone	8.795	105	58092	8.544	ng/ul	98
30) Naphthalene	10.834	128	41048	3.032	ng/ul	99
36) 2-Methylnaphthalene	12.432	142	18005	1.973	ng/ul	99
37) 1-Methylnaphthalene	12.649	142	10469	1.144	ng/ul#	94
52) Acenaphthene	14.664	153	23050	2.151	ng/ul	97
56) Dibenzofuran	14.999	168	26837	1.762	ng/ul	99
61) Fluorene	15.646	166	20491	1.639	ng/ul	98
72) Phenanthrene	17.391	178	655602	34.608	ng/ul	99
74) Anthracene	17.479	178	99519	5.191	ng/ul	97
77) Carbazole	17.743	167	72375	4.174	ng/ul	98
80) Fluoranthene	19.406	202	1733209	79.771	ng/ul	99
82) Pyrene	19.764	202	1526097	69.778	ng/ul	97
85) Benzo(a)anthracene	21.592	228	857144	40.097	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.480	149	76464	6.016	ng/ul	96
87) Chrysene	21.592	228	851756	42.504	ng/ul	97
90) Benzo(b)fluoranthene	23.801	252	1579341	64.885	ng/ul	99
91) Benzo(k)fluoranthene	23.801	252	1579341	66.198	ng/ul	98
93) Benzo(a)pyrene	24.664	252	988191	45.869	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.472	276	859789	30.054	ng/ul	99
95) Dibenzo(a,h)anthracene	28.507	278	182962	7.756	ng/ul#	92
96) Benzo(g,h,i)perylene	29.629	276	787830	33.715	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058157.D
Acq On : 11 Jul 2023 12:53
Operator : CG/JU
Sample : 03386-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX801

Quant Time: Jul 11 22:54:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058157.D
Acq On : 11 Jul 2023 12:53
Operator : CG/JU
Sample : 03386-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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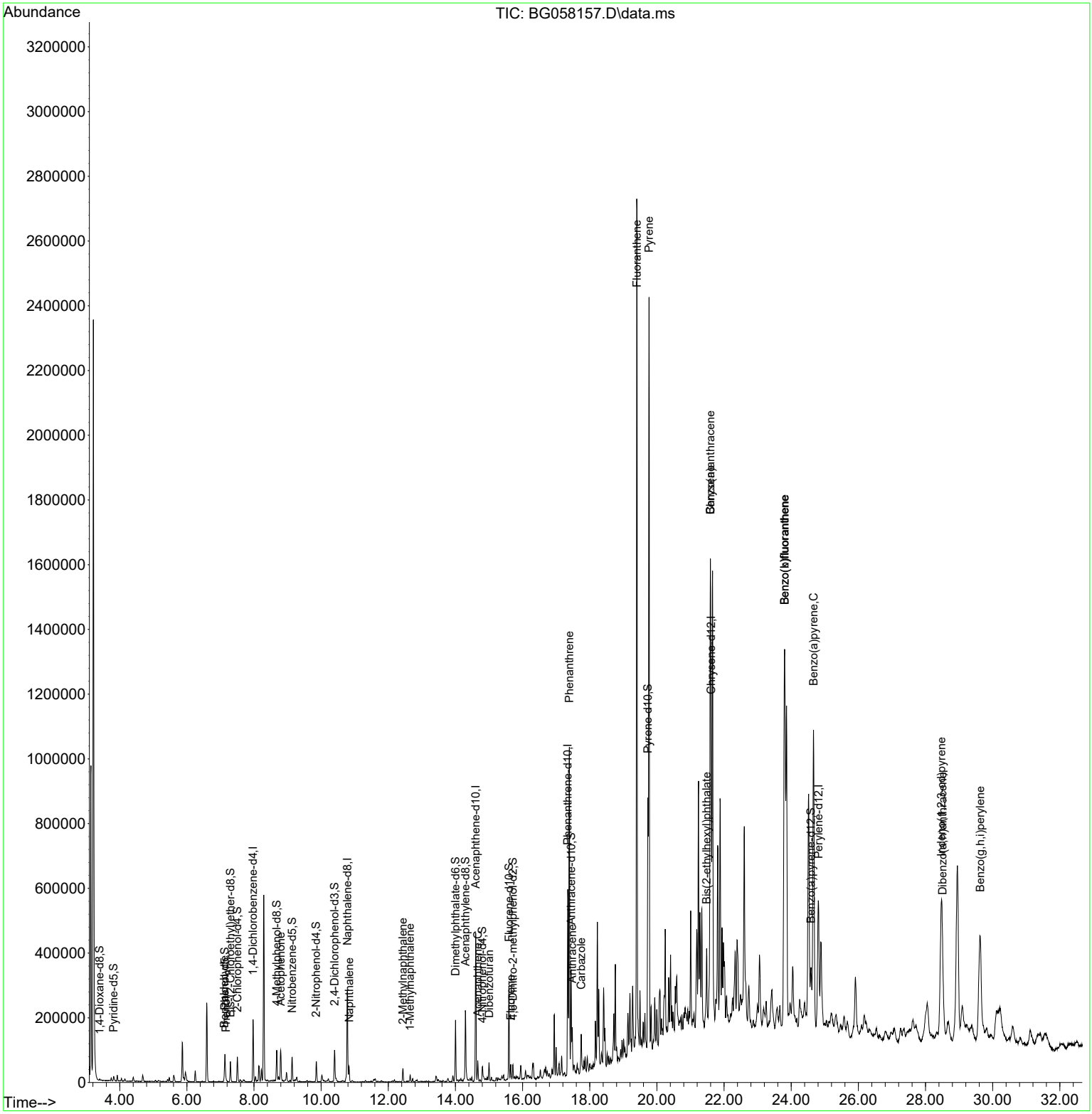
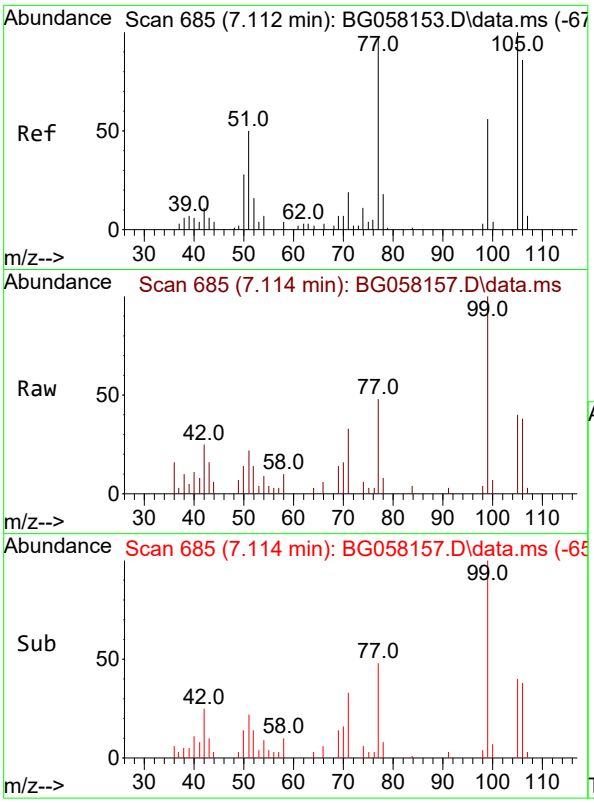
Quant Time: Jul 11 22:54:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration



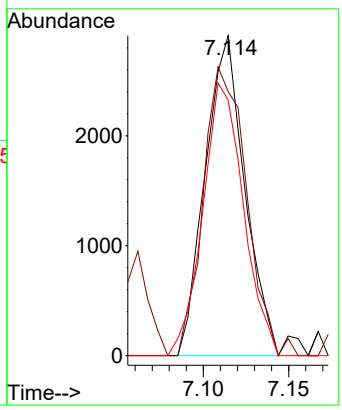


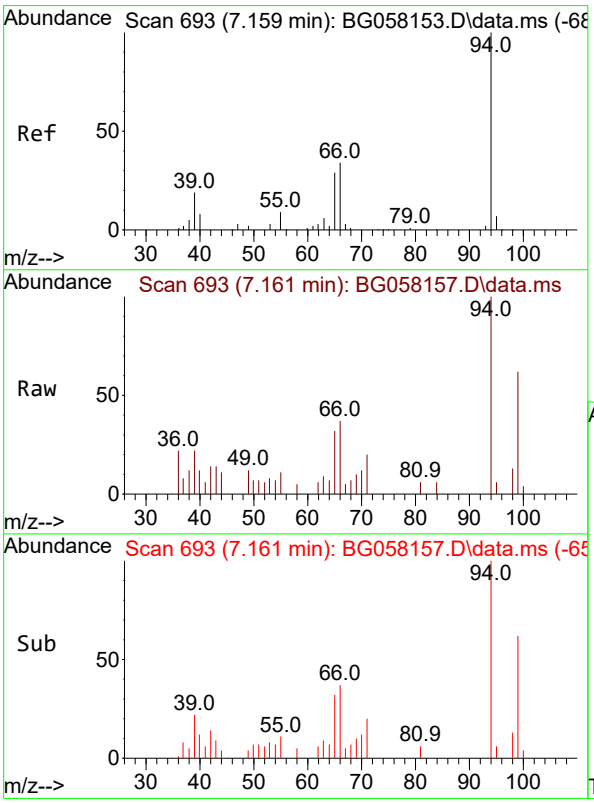
#6
Benzaldehyde
Concen: 2.579 ng/ul
RT: 7.114 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion: 77 Resp: 4677

Ion	Ratio	Lower	Upper
77	100		
105	82.5	74.7	112.1
106	79.9	75.9	113.9

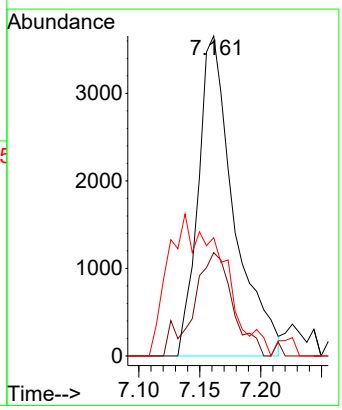


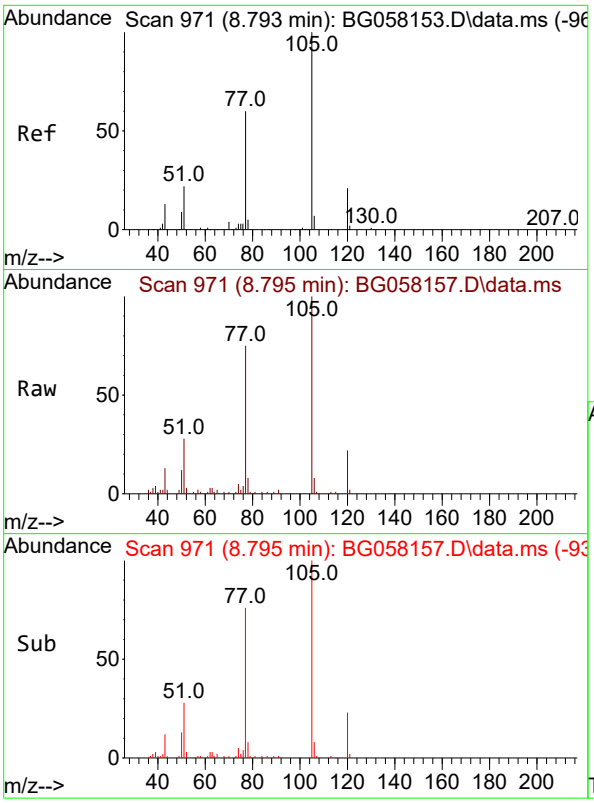


#8
Phenol
Concen: 1.348 ng/ul
RT: 7.161 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion: 94 Resp: 7427

Ion	Ratio	Lower	Upper
94	100		
65	32.3	22.2	33.4
66	36.9	28.6	43.0



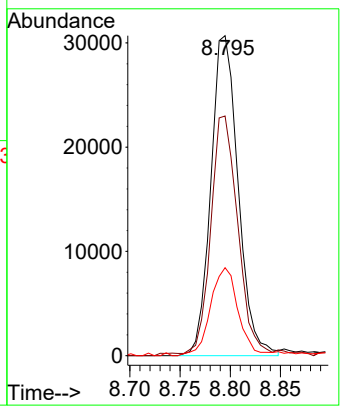


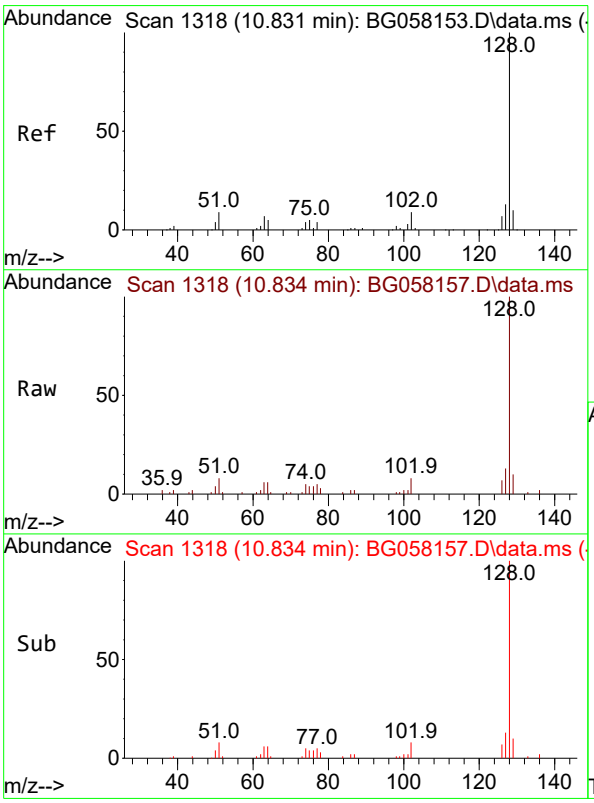
#16
Acetophenone
Concen: 8.544 ng/ul
RT: 8.795 min Scan# 9
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:105 Resp: 58092

Ion	Ratio	Lower	Upper
105	100		
77	74.9	61.2	91.8
51	27.5	23.5	35.3

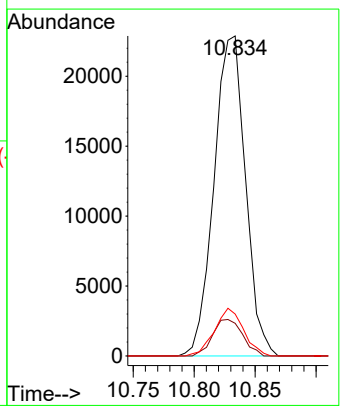


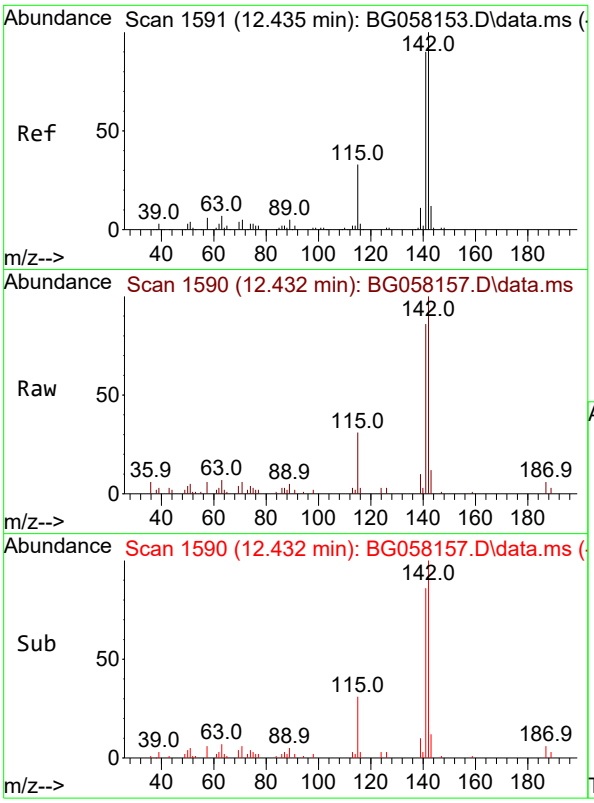


#30
Naphthalene
Concen: 3.032 ng/ul
RT: 10.834 min Scan# 1318
Delta R.T. 0.008 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:128 Resp: 41048

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	13.1	10.2	15.2



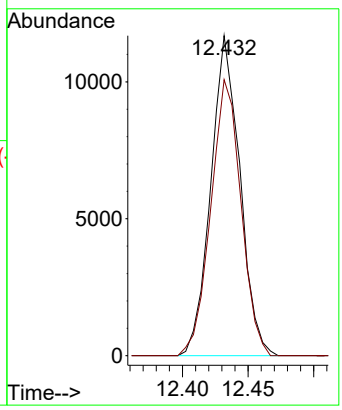


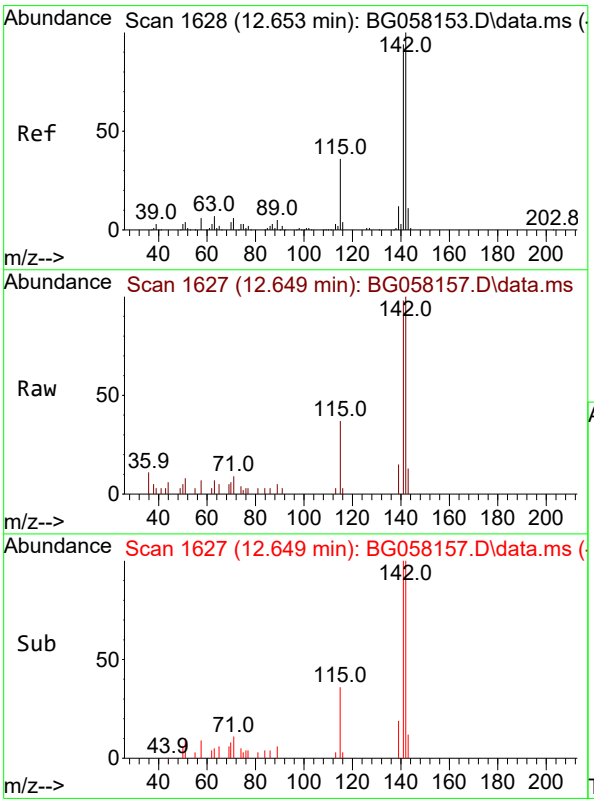
#36
2-Methylnaphthalene
Concen: 1.973 ng/ul
RT: 12.432 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:142 Resp: 18005

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.4	104.2

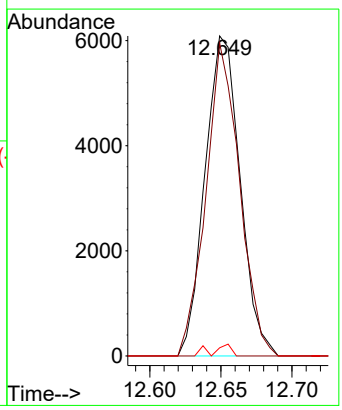


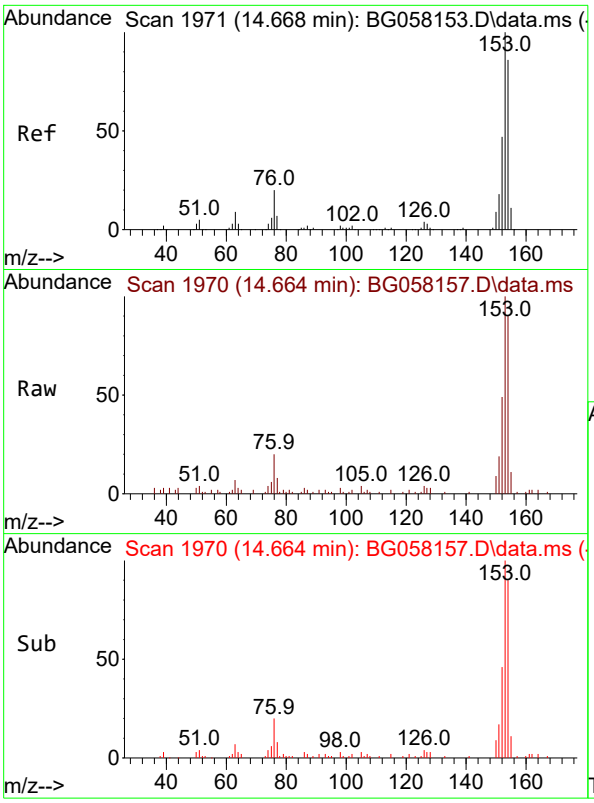


#37
1-Methylnaphthalene
Concen: 1.144 ng/ul
RT: 12.649 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:142 Resp: 10469

Ion	Ratio	Lower	Upper
142	100		
141	97.8	73.8	110.8
116	2.5	3.0	4.4#



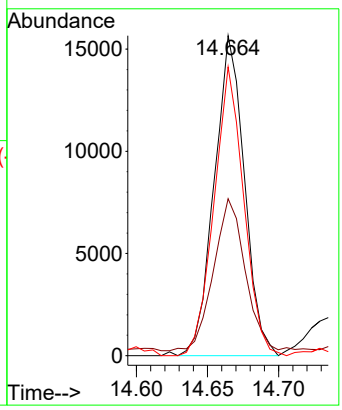


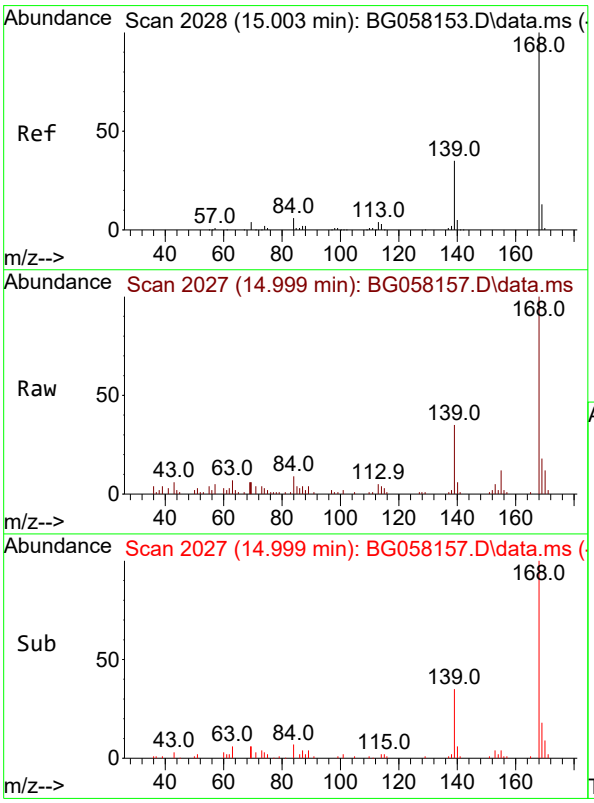
#52
Acenaphthene
Concen: 2.151 ng/ul
RT: 14.664 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:153 Resp: 23050

Ion	Ratio	Lower	Upper
153	100		
152	49.1	36.5	54.7
154	90.2	70.5	105.7

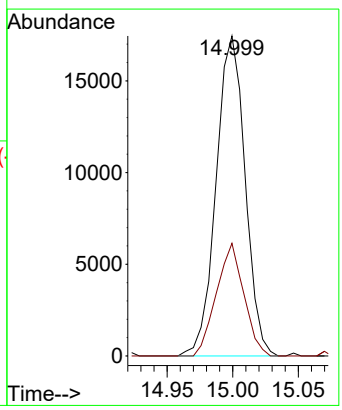


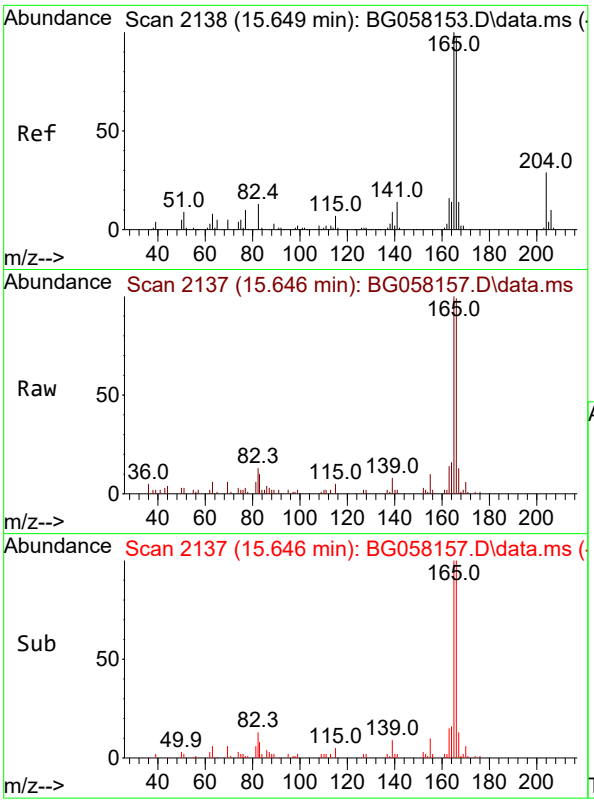


#56
Dibenzofuran
Concen: 1.762 ng/ul
RT: 14.999 min Scan# 2027
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:168 Resp: 26837

Ion	Ratio	Lower	Upper
168	100		
139	35.2	27.6	41.4



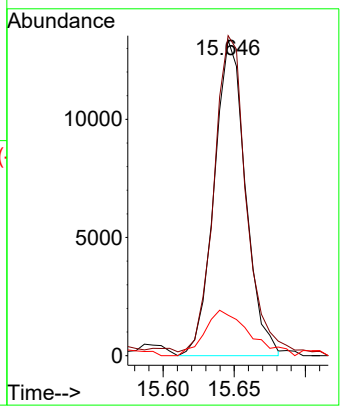


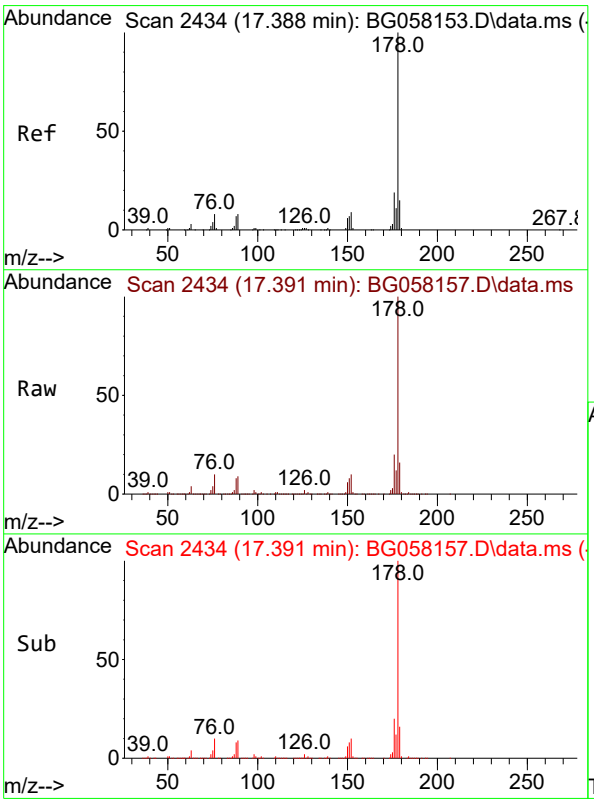
#61
Fluorene
Concen: 1.639 ng/ul
RT: 15.646 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:166 Resp: 20491

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.1	118.7
167	12.8	10.7	16.1

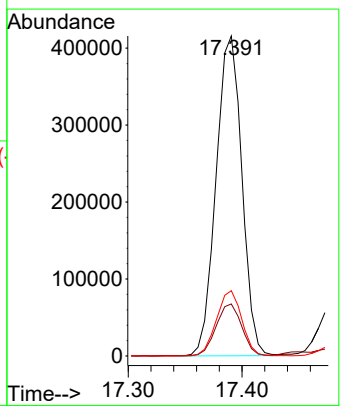


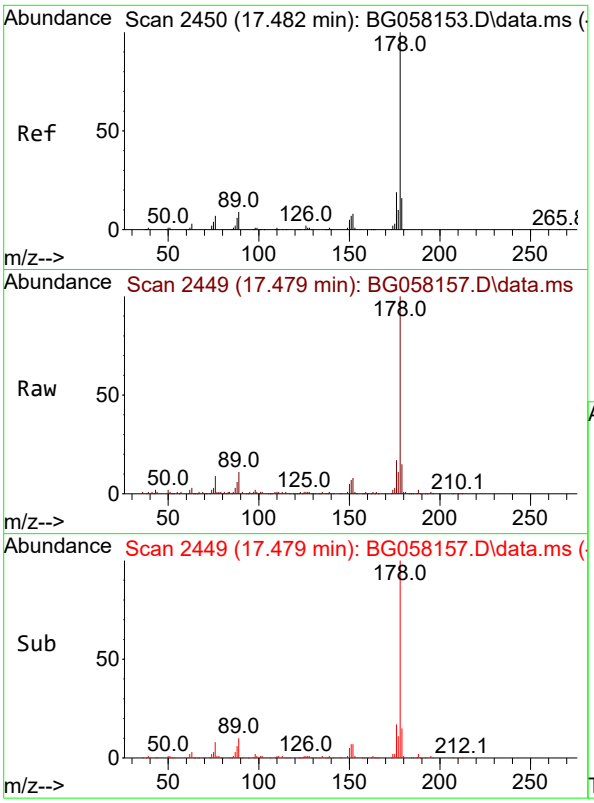


#72
Phenanthrene
Concen: 34.608 ng/ul
RT: 17.391 min Scan# 2434
Delta R.T. 0.008 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:178 Resp: 655602

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	20.4	15.7	23.5



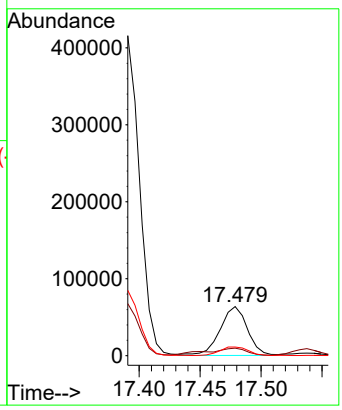


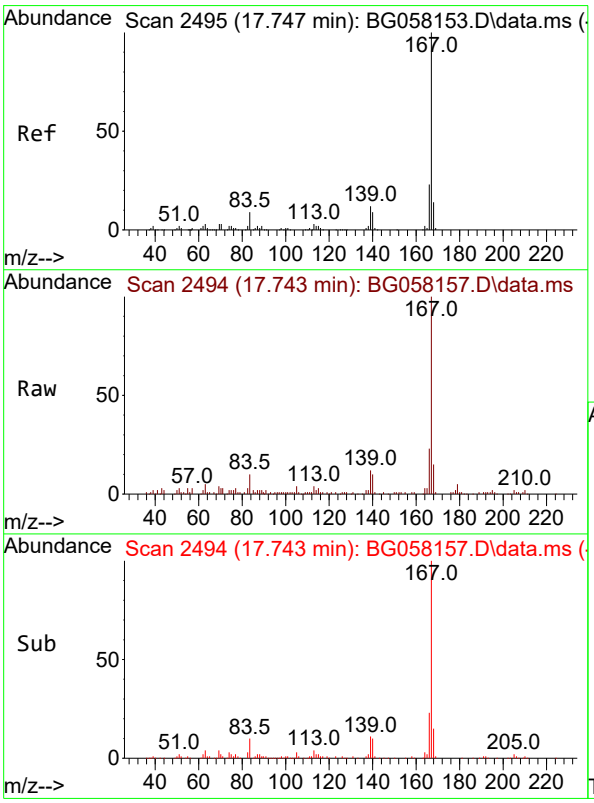
#74
Anthracene
Concen: 5.191 ng/ul
RT: 17.479 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:178 Resp: 99519

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.5	15.4	23.2

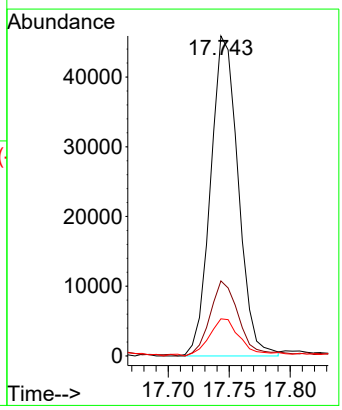


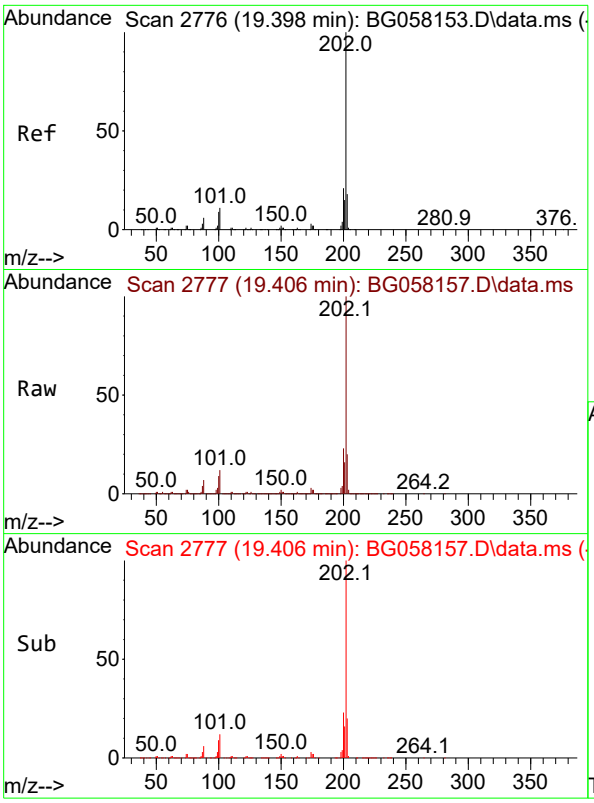


#77
Carbazole
Concen: 4.174 ng/ul
RT: 17.743 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:167 Resp: 72375

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.5	26.3
139	11.6	9.5	14.3



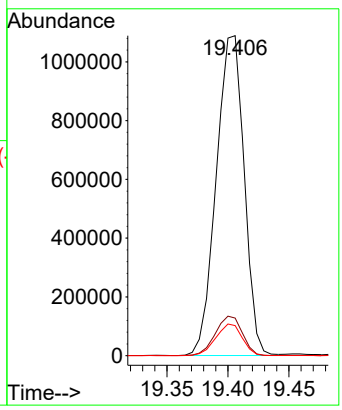


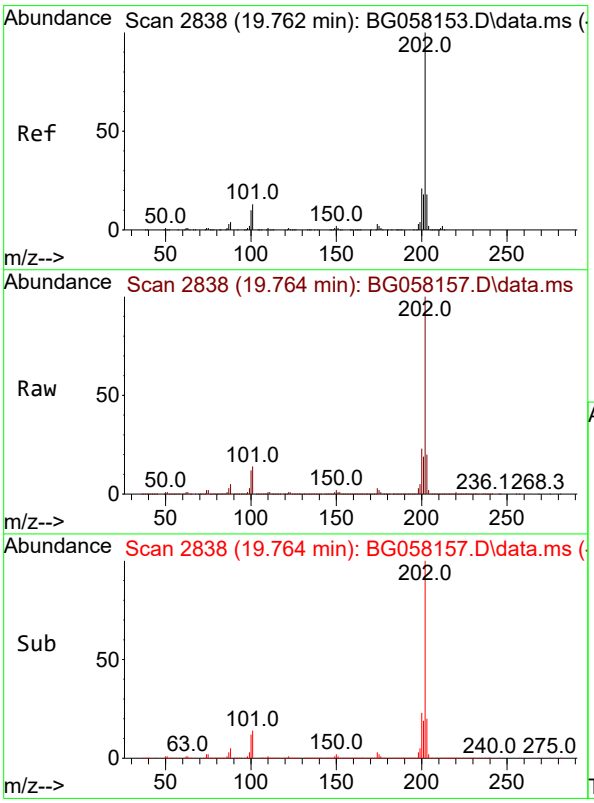
#80
Fluoranthene
Concen: 79.771 ng/ul
RT: 19.406 min Scan# 2
Delta R.T. 0.014 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:202 Resp: 1733209

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
100	9.4	7.1	10.7

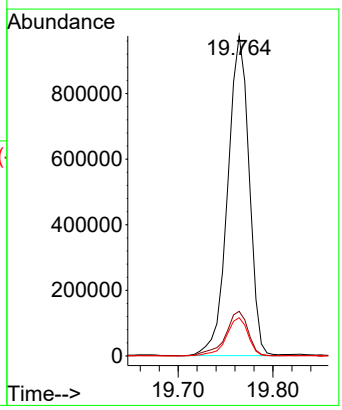


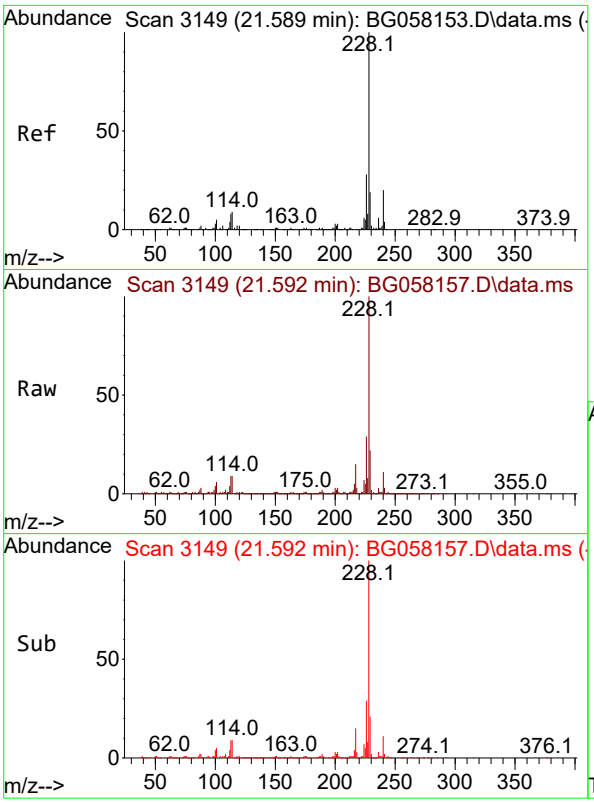


#82
Pyrene
Concen: 69.778 ng/ul
RT: 19.764 min Scan# 2838
Delta R.T. 0.008 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:202 Resp: 1526097

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.2	15.2
100	11.9	8.9	13.3



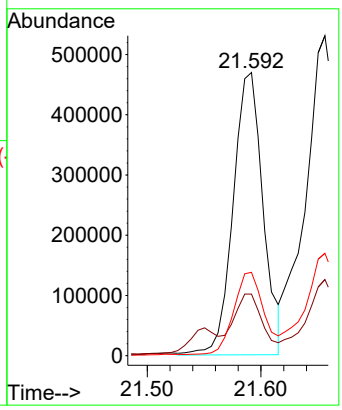


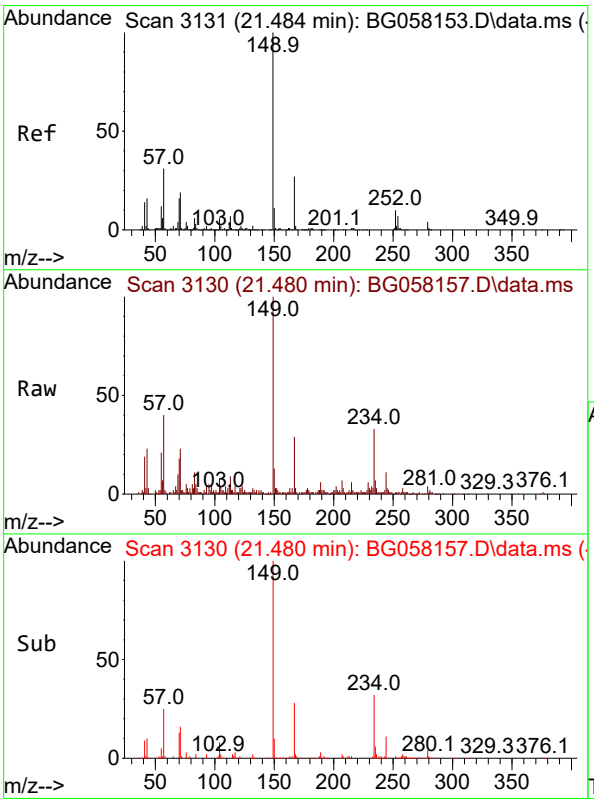
#85
Benzo(a)anthracene
Concen: 40.097 ng/ul
RT: 21.592 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:228 Resp: 857144

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.0	24.0
226	29.4	22.0	33.0

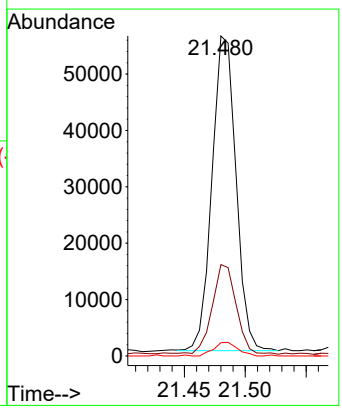


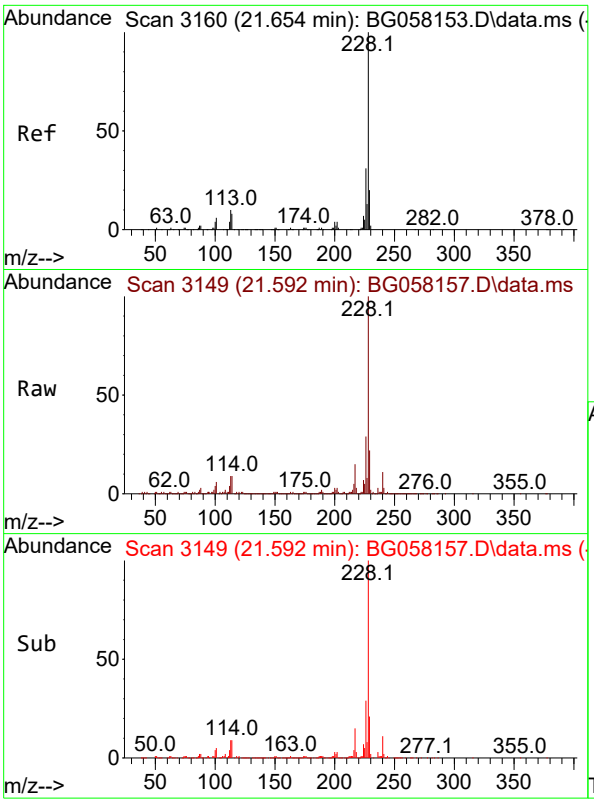


#86
Bis(2-ethylhexyl)phthalate
Concen: 6.016 ng/ul
RT: 21.480 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:149 Resp: 76464

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.9	31.3
279	4.2	3.1	4.7



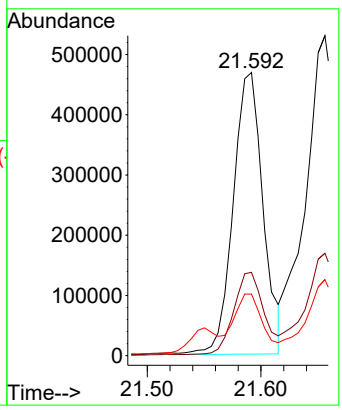


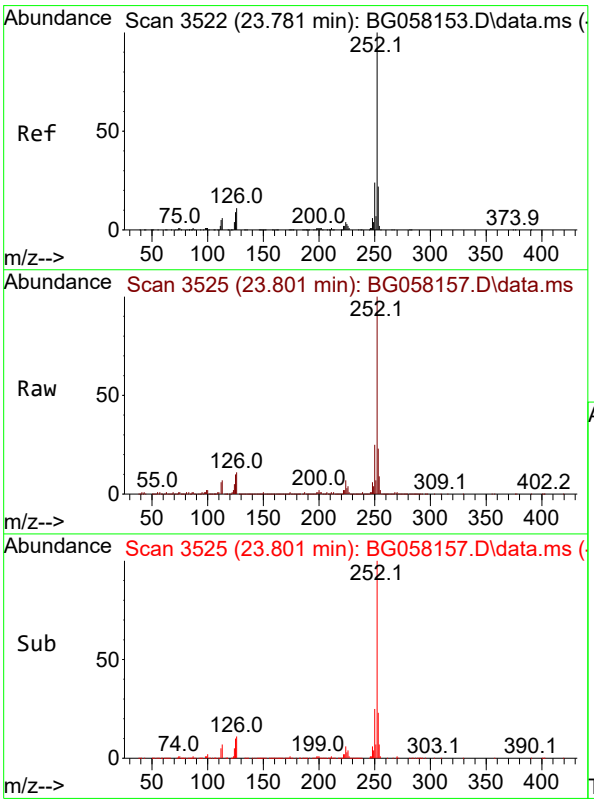
#87
Chrysene
Concen: 42.504 ng/ul
RT: 21.592 min Scan# 3
Delta R.T. -0.056 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:228 Resp: 851756

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.4	36.6
229	21.8	15.5	23.3

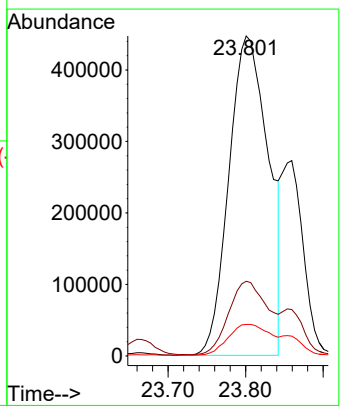


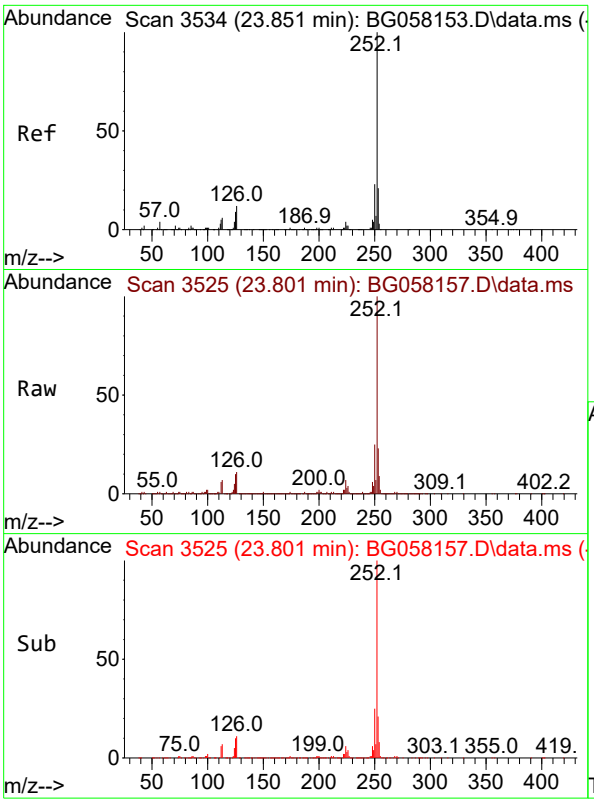


#90
Benzo(b)fluoranthene
Concen: 64.885 ng/ul
RT: 23.801 min Scan# 3525
Delta R.T. 0.032 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:252 Resp: 1579341

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	9.9	7.5	11.3



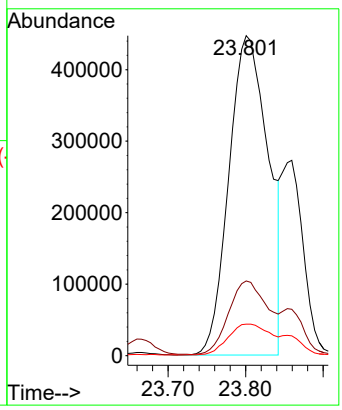


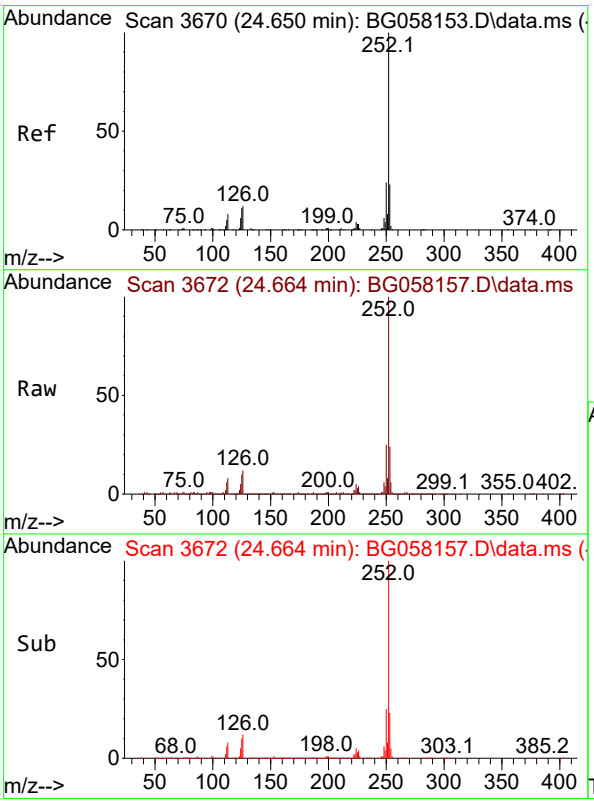
#91
Benzo(k)fluoranthene
Concen: 66.198 ng/ul
RT: 23.801 min Scan# 3
Delta R.T. -0.039 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:252 Resp: 1579341

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.9	7.4	11.2

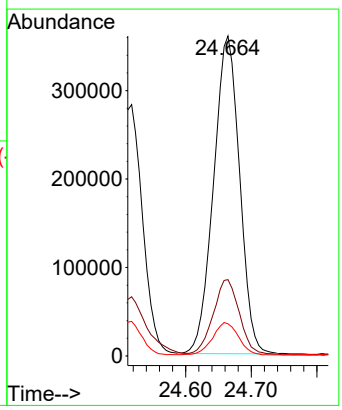


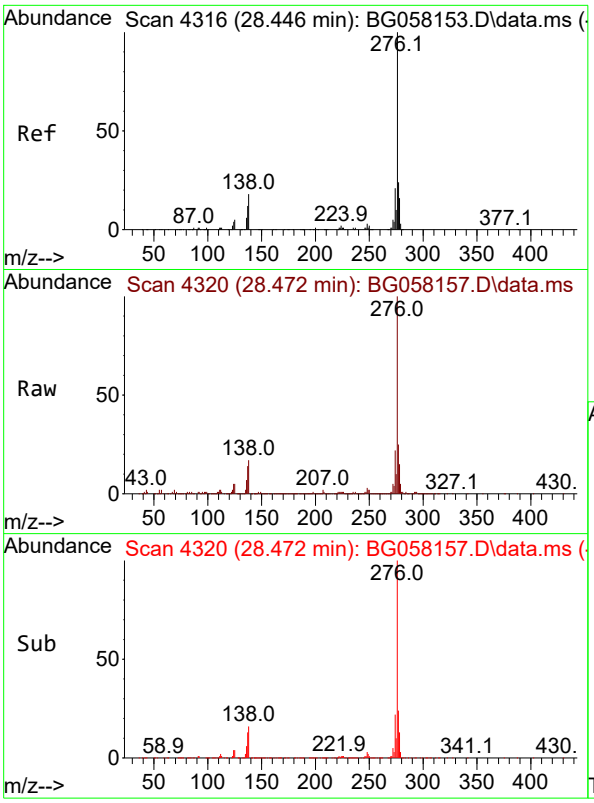


#93
Benzo(a)pyrene
Concen: 45.869 ng/ul
RT: 24.664 min Scan# 3672
Delta R.T. 0.026 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:252 Resp: 988191

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	10.0	8.3	12.5



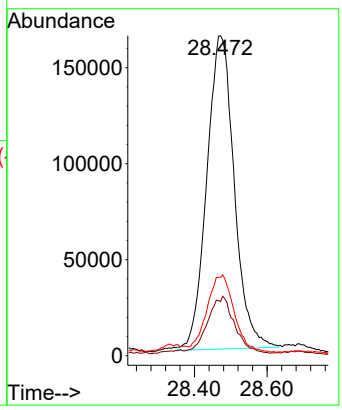


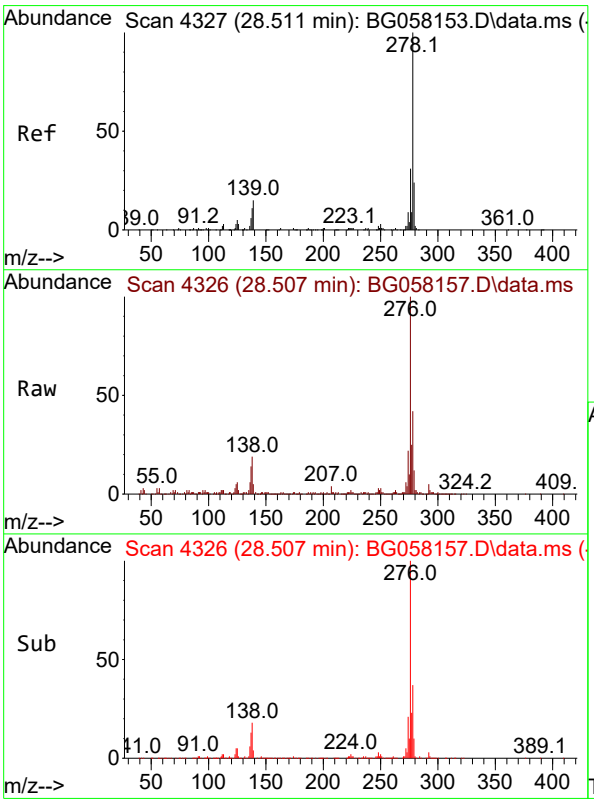
#94
Indeno(1,2,3-cd)pyrene
Concen: 30.054 ng/ul
RT: 28.472 min Scan# 4
Delta R.T. 0.050 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:276 Resp: 859789

Ion	Ratio	Lower	Upper
276	100		
138	16.9	14.0	21.0
277	24.5	19.4	29.2

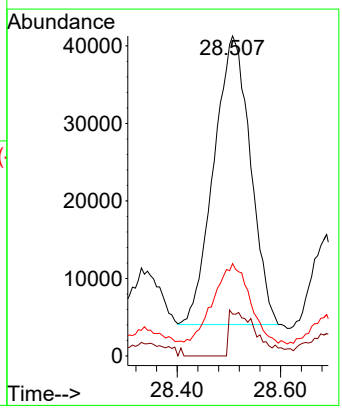


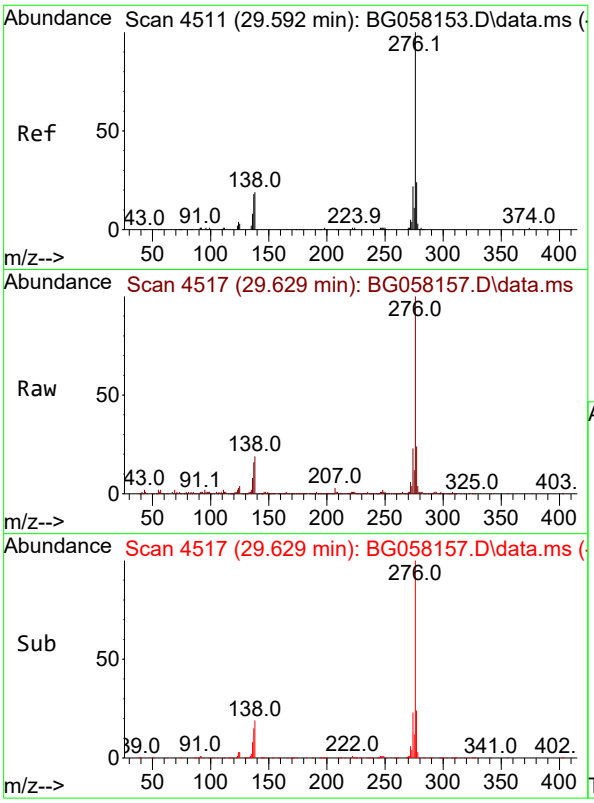


#95
Dibenzo(a,h)anthracene
Concen: 7.756 ng/ul
RT: 28.507 min Scan# 4326
Delta R.T. 0.020 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Tgt Ion:278 Resp: 182962

Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.3	16.9
279	28.9	18.9	28.3#





#96
Benzo(g,h,i)perylene
Concen: 33.715 ng/ul
RT: 29.629 min Scan# 4
Delta R.T. 0.067 min
Lab File: BG058157.D
Acq: 11 Jul 2023 12:53

Instrument :
BNA_G
ClientSampleId :
EX801

Tgt Ion:276 Resp: 787830

Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.2	21.2
277	24.5	18.6	27.8