Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057290.D
Acq On : 3 May 2023 17:16
Operator : CG/JU
Sample : 02419-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW922

Quant Time: May 04 01:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	13520	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	58719	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	47446	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	106817	20.000	ng/ul	0.00
79) Chrysene-d12	22.054	240	89702	20.000	ng/ul	0.00
88) Perylene-d12	25.590	264	95973	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	593	1.930	ng/uL	0.00
4) Pyridine-d5	4.107	84	433	0.447	ng/ul	0.00
7) Phenol-d5	7.520	99	18691	14.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	10632	14.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	13579	16.116	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	11976	12.324	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	7007	14.985	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	8290	15.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	16678	15.840	ng/ul	0.00
31) 4-Chloroaniline-d4	11.350	131	7544	5.406	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	59438	15.810	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	71848	17.004	ng/ul	0.00
54) 4-Nitrophenol-d4	15.198	143	3938	7.196	ng/ul	0.02
60) Fluorene-d10	15.979	176	57676	16.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.109	200	2544	4.020	ng/ul	0.01
73) Anthracene-d10	17.836	188	88497	18.151	ng/ul	0.00
81) Pyrene-d10	20.103	212	97575	18.326	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.343	264	91487	18.711	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.708	88	328	1.007	ng/uL#	19
16) Acetophenone	9.212	105	3478	2.080	ng/ul#	81
52) Acenaphthene	15.057	153	9688	3.167	ng/ul	93
56) Dibenzofuran	15.386	168	7055	1.597	ng/ul	91
61) Fluorene	16.038	166	11834	3.168	ng/ul	100
72) Phenanthrene	17.777	178	200108	35.974	ng/ul	99
74) Anthracene	17.871	178	49122	8.791	ng/ul	98
77) Carbazole	18.135	167	19988	4.281	ng/ul	98
80) Fluoranthene	19.768	202	368882	58.323	ng/ul#	96
82) Pyrene	20.133	202	321730	50.248	ng/ul	97
85) Benzo(a)anthracene	22.036	228	177724	28.014	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.877	149	3777	1.266	ng/ul#	95
87) Chrysene	22.106	228	162408	27.134	ng/ul	95
90) Benzo(b)fluoranthene	24.456	252	217545	32.733	ng/ul#	96
91) Benzo(k)fluoranthene	24.456	252	217545	33.645	ng/ul	99
93) Benzo(a)pyrene	25.261	252	95946	16.722	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.679	276	94674	13.200	ng/ul	94
95) Dibenzo(a,h)anthracene	29.714	278	13102	2.203	ng/ul#	83
96) Benzo(g,h,i)perylene	30.959	276	75435	12.996	ng/ul	99

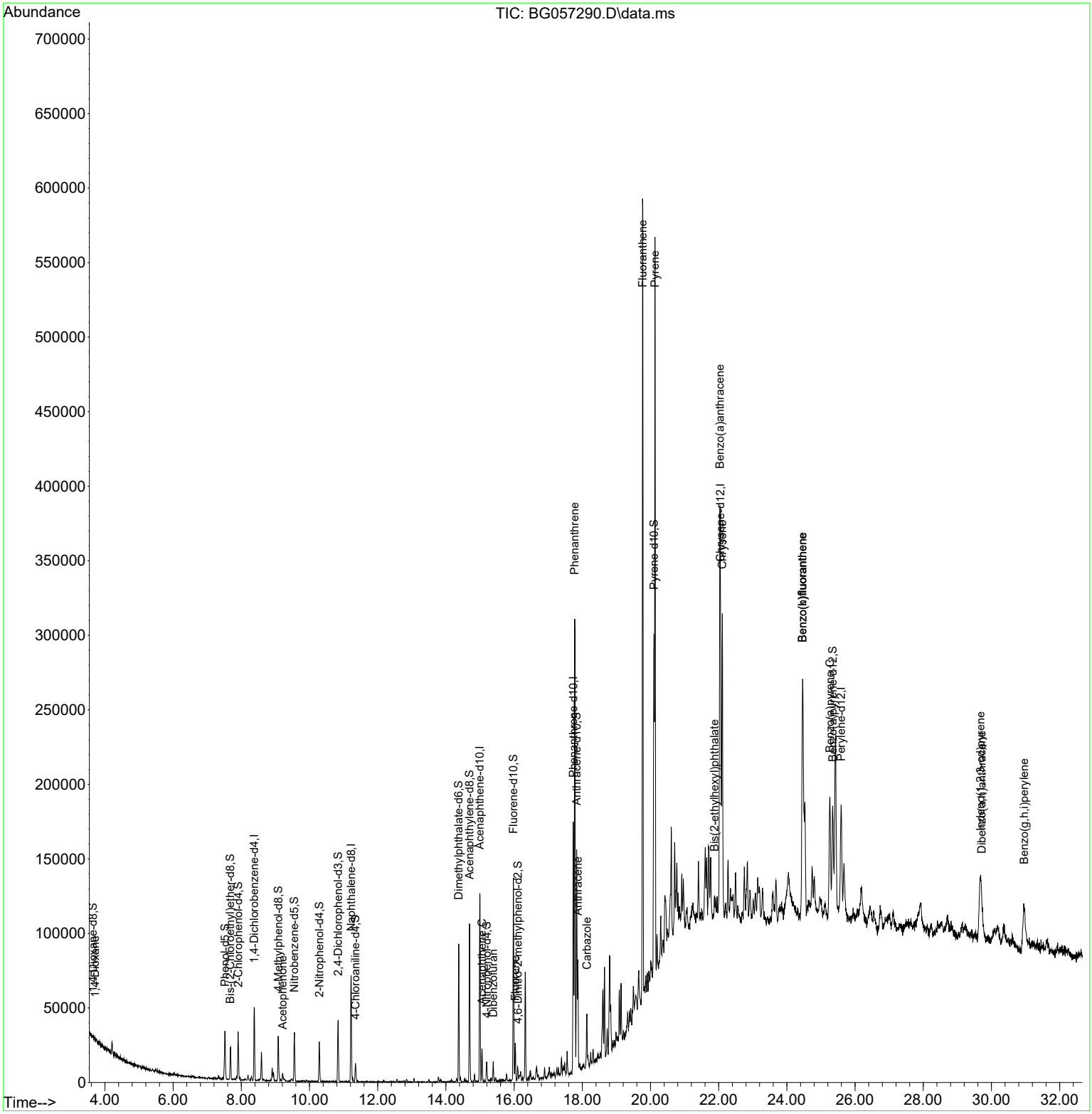
(#) = qualifier out of range (m) = manual integration (+) = signals summed

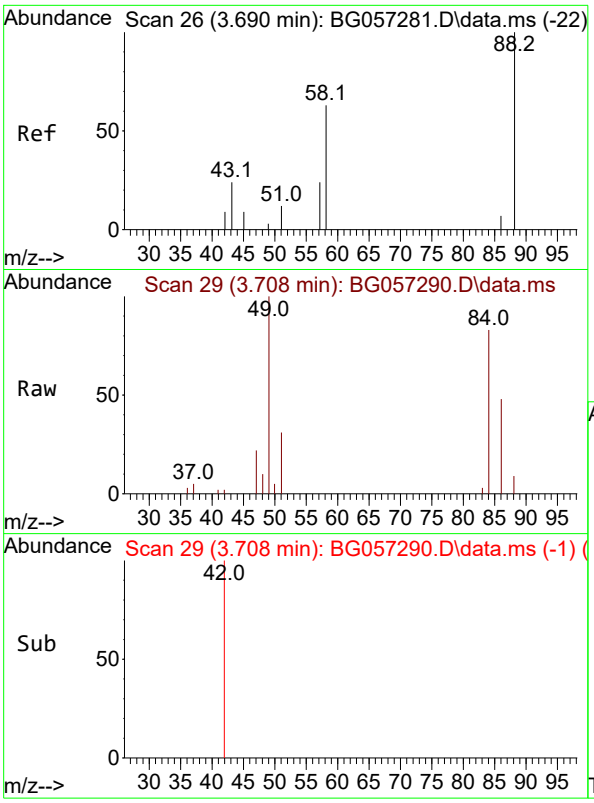
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057290.D
Acq On : 3 May 2023 17:16
Operator : CG/JU
Sample : 02419-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW922

Quant Time: May 04 01:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



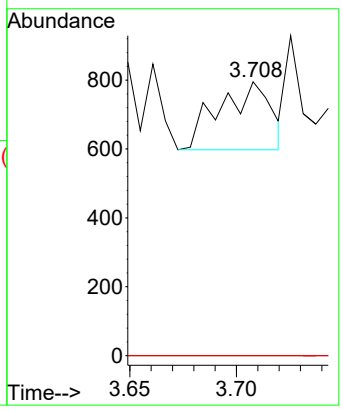


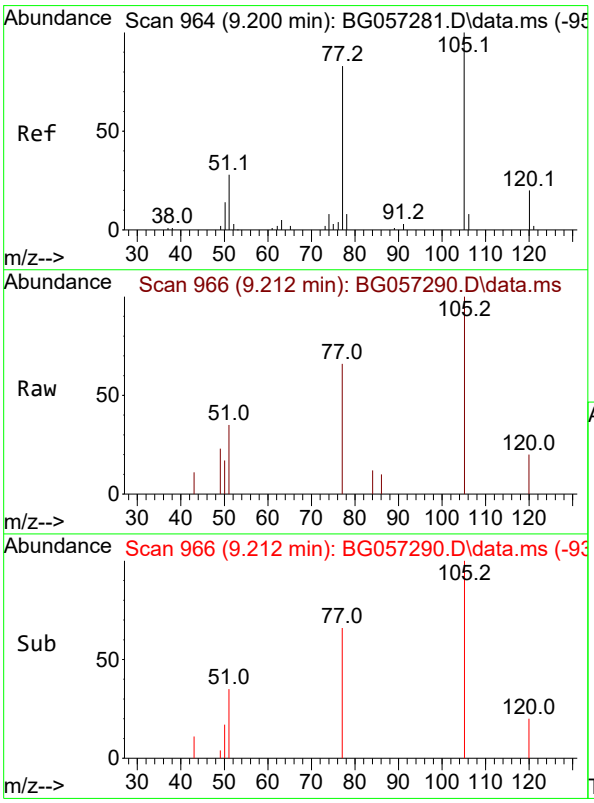
#2
1,4-Dioxane
Concen: 1.007 ng/uL
RT: 3.708 min Scan# 2
Delta R.T. 0.009 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion: 88 Resp: 328

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.2	42.4#
58	0.0	63.3	94.9#

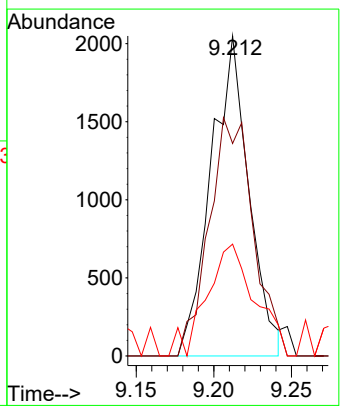


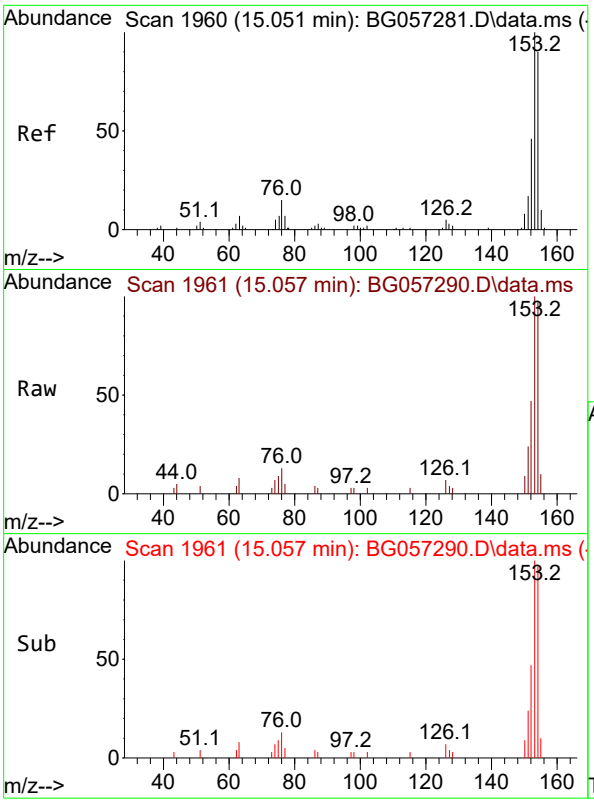


#16
Acetophenone
Concen: 2.080 ng/ul
RT: 9.212 min Scan# 966
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:105 Resp: 3478

Ion	Ratio	Lower	Upper
105	100		
77	66.4	70.6	105.8#
51	34.9	24.5	36.7



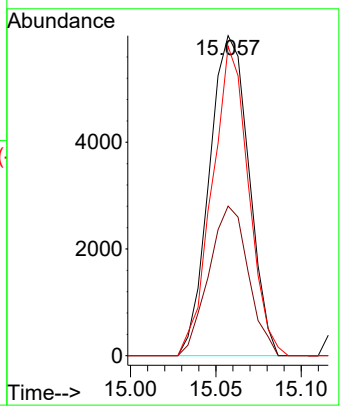


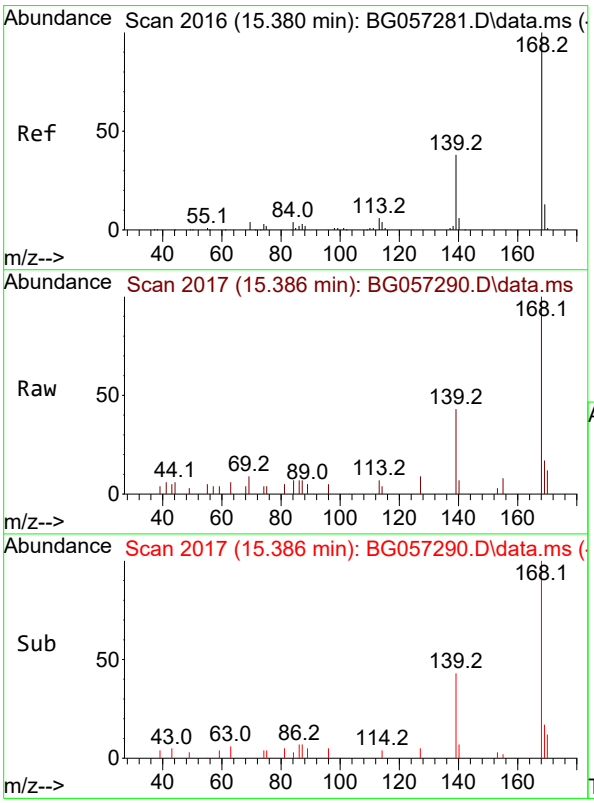
#52
Acenaphthene
Concen: 3.167 ng/ul
RT: 15.057 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:153 Resp: 9688

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.5	54.7
154	96.6	70.6	106.0

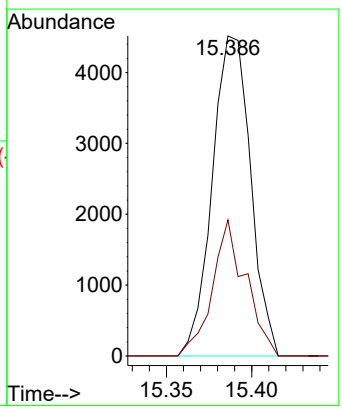


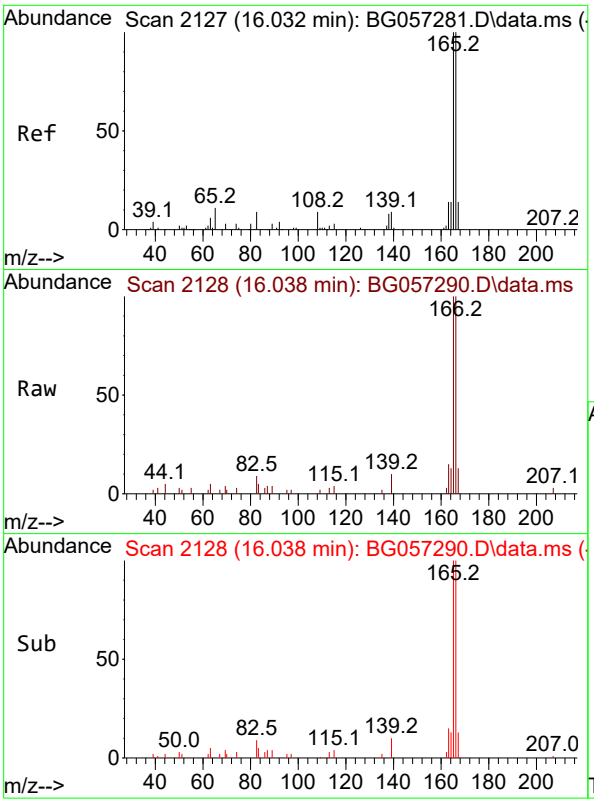


#56
Dibenzofuran
Concen: 1.597 ng/ul
RT: 15.386 min Scan# 2017
Delta R.T. -0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:168 Resp: 7055

Ion	Ratio	Lower	Upper
168	100		
139	42.5	29.6	44.4



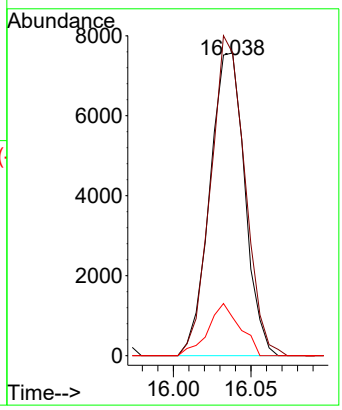


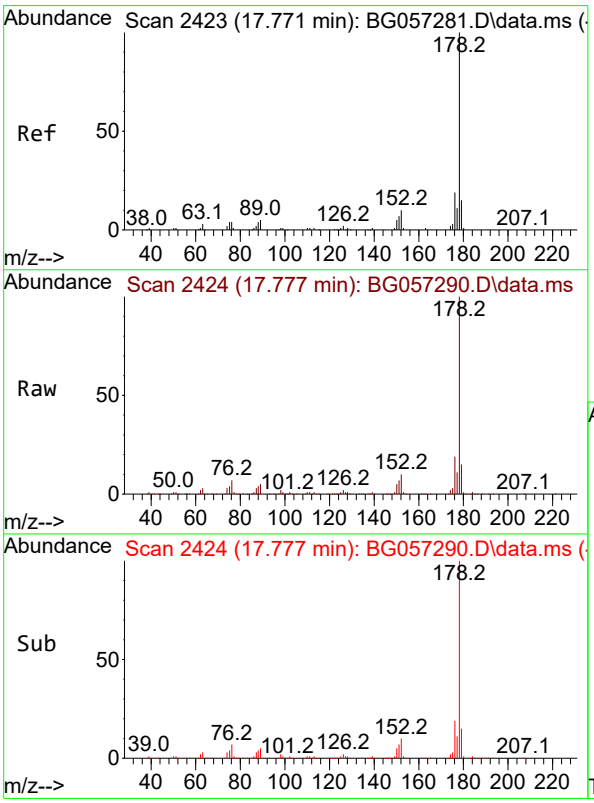
#61
Fluorene
Concen: 3.168 ng/ul
RT: 16.038 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:166 Resp: 11834

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.1	120.1
167	12.6	10.2	15.4

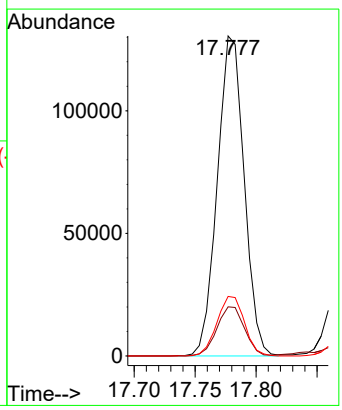


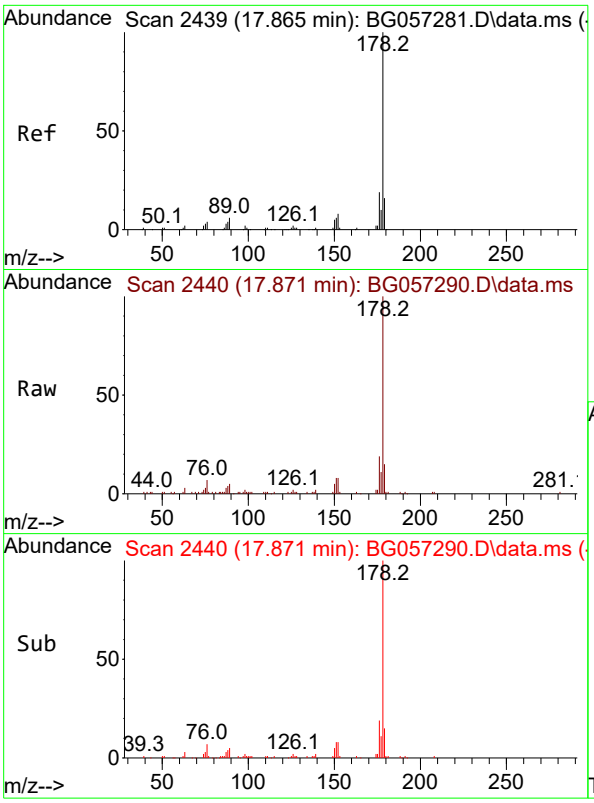


#72
Phenanthrene
Concen: 35.974 ng/ul
RT: 17.777 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:178 Resp: 200108

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.6	15.4	23.0



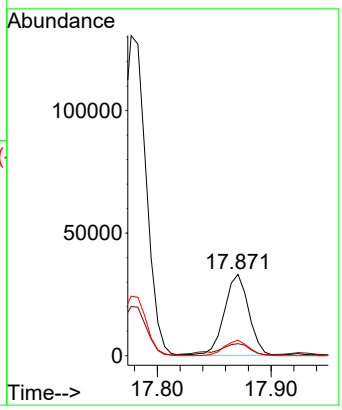


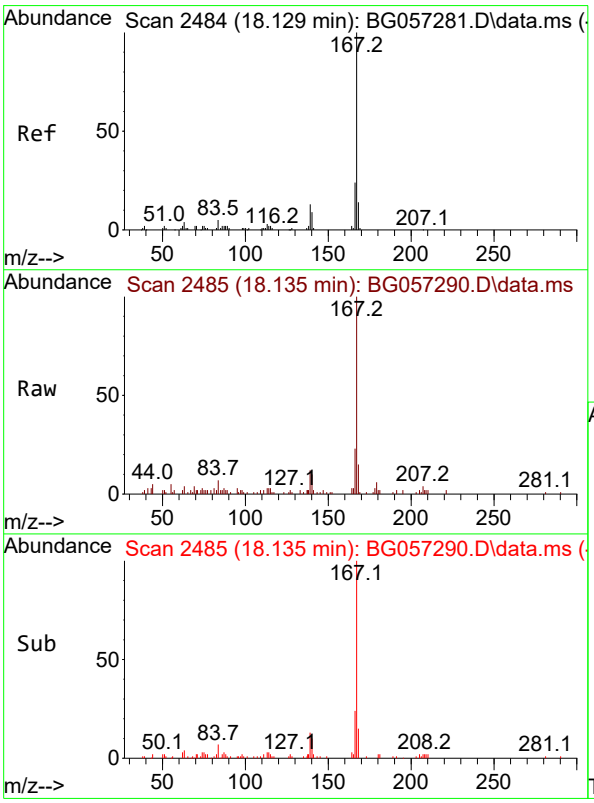
#74
Anthracene
Concen: 8.791 ng/ul
RT: 17.871 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:178 Resp: 49122

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	19.2	14.7	22.1

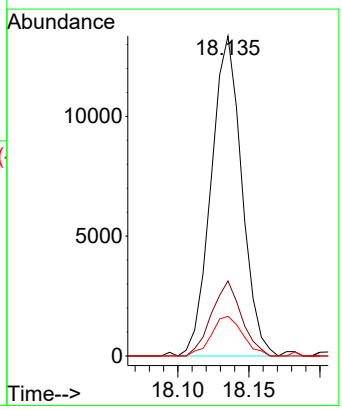


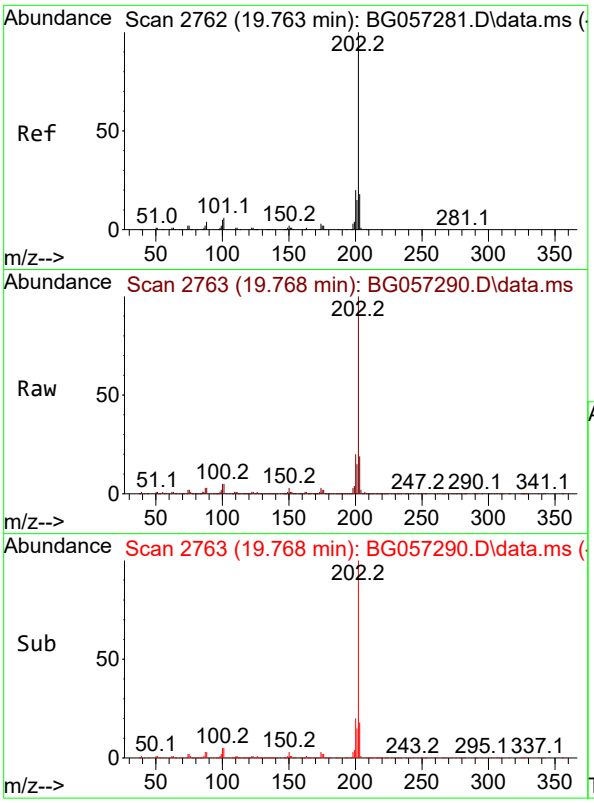


#77
Carbazole
Concen: 4.281 ng/ul
RT: 18.135 min Scan# 2485
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:167 Resp: 19988

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.0	27.0
139	12.4	10.3	15.5



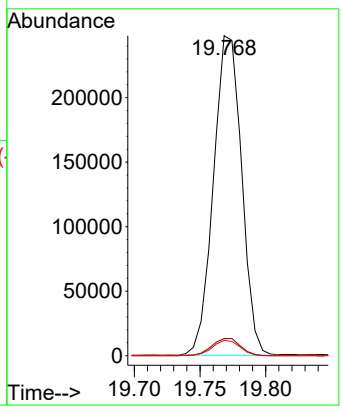


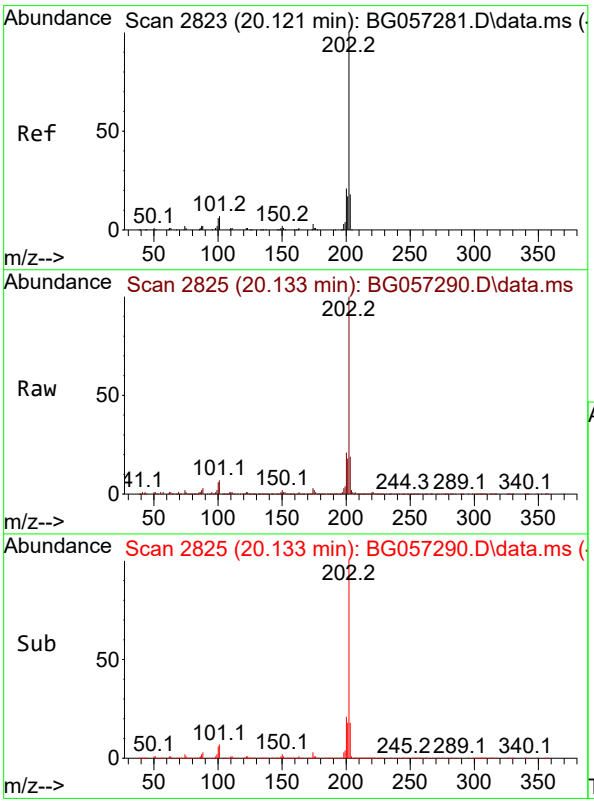
#80
Fluoranthene
Concen: 58.323 ng/ul
RT: 19.768 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:202 Resp: 368882

Ion	Ratio	Lower	Upper
202	100		
101	5.3	5.8	8.6#
100	4.8	4.6	7.0

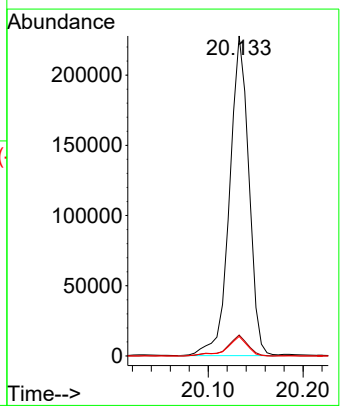


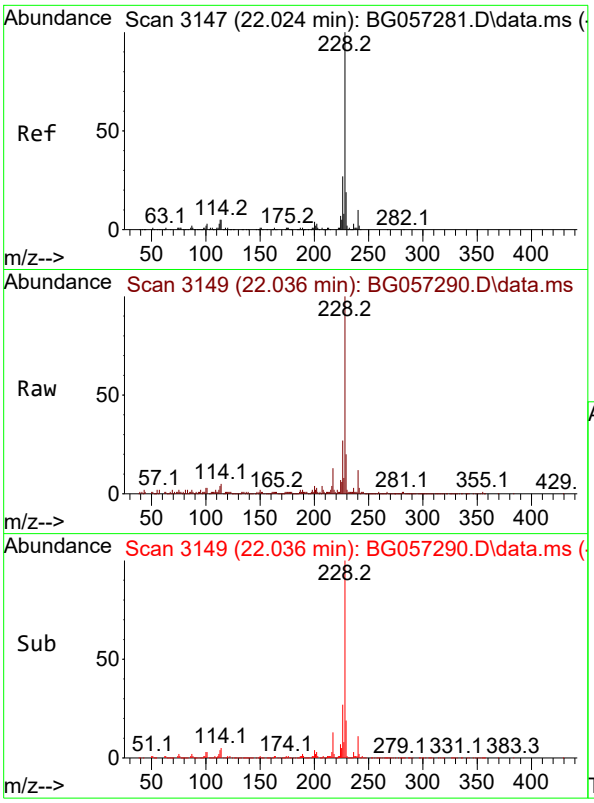


#82
Pyrene
Concen: 50.248 ng/ul
RT: 20.133 min Scan# 2825
Delta R.T. 0.009 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:202 Resp: 321730

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.7	8.5
100	6.1	6.0	9.0



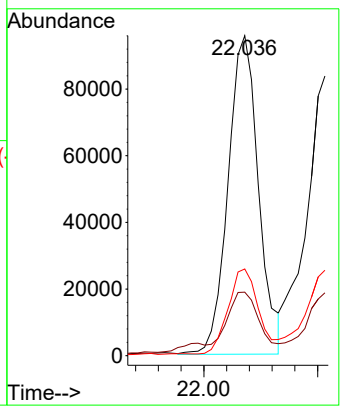


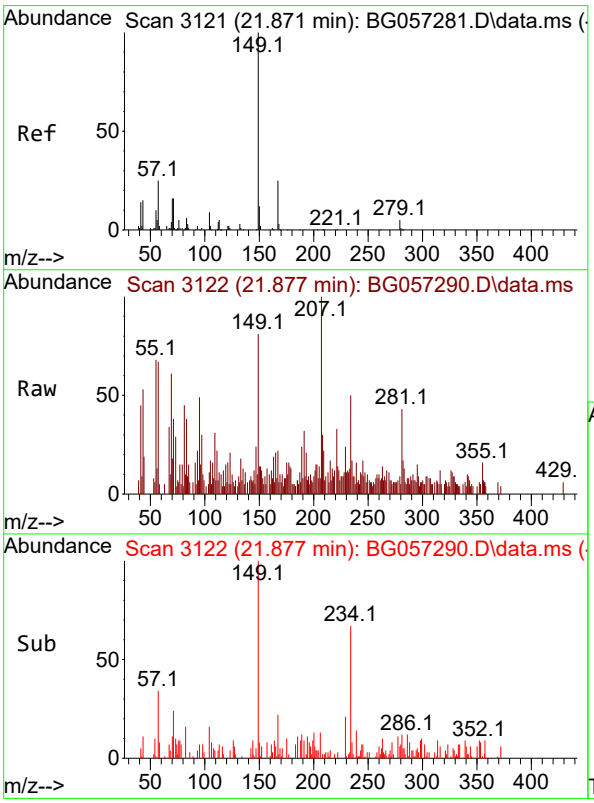
#85
Benzo(a)anthracene
Concen: 28.014 ng/ul
RT: 22.036 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:228 Resp: 177724

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	27.1	21.7	32.5

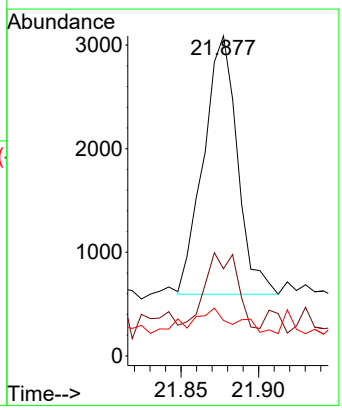


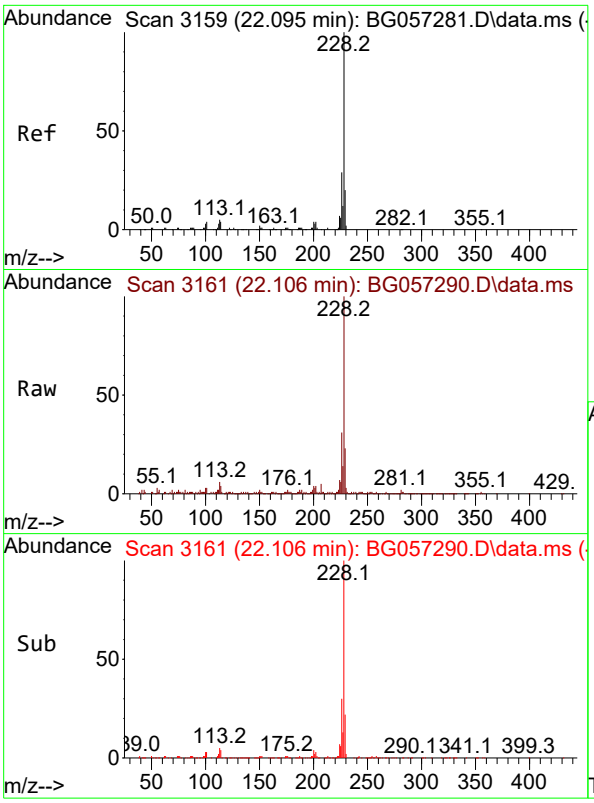


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.266 ng/ul
RT: 21.877 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:149 Resp: 3777

Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.6
279	11.1	3.6	5.4#



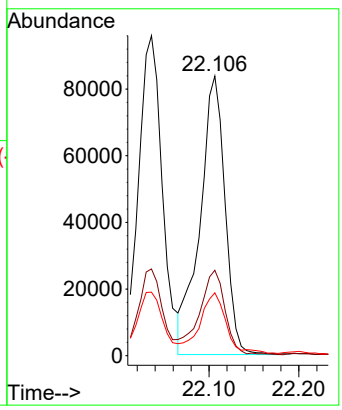


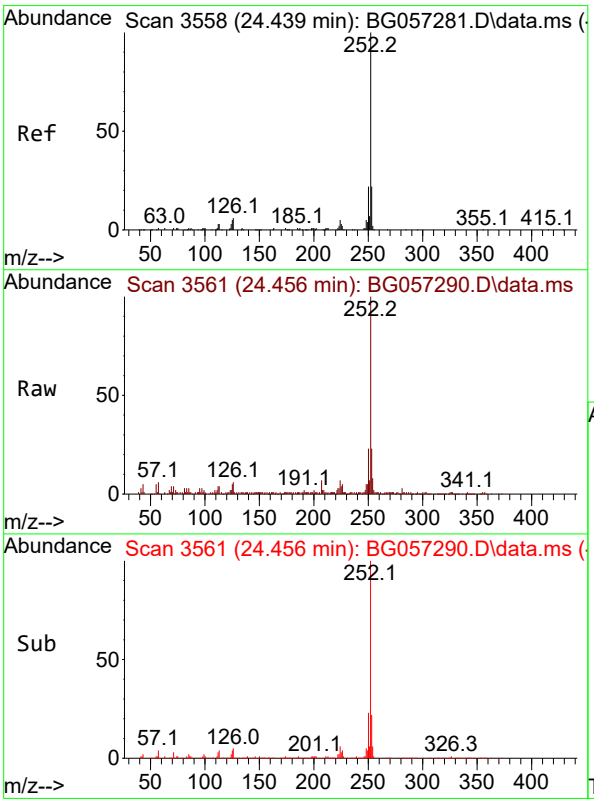
#87
Chrysene
Concen: 27.134 ng/ul
RT: 22.106 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:228 Resp: 162408

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.8	34.2
229	22.5	15.5	23.3

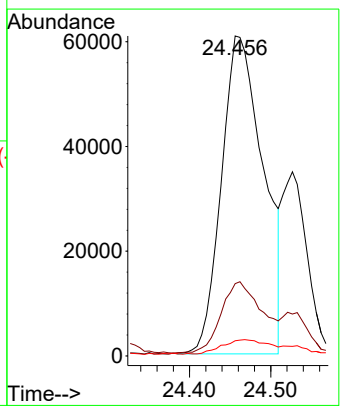


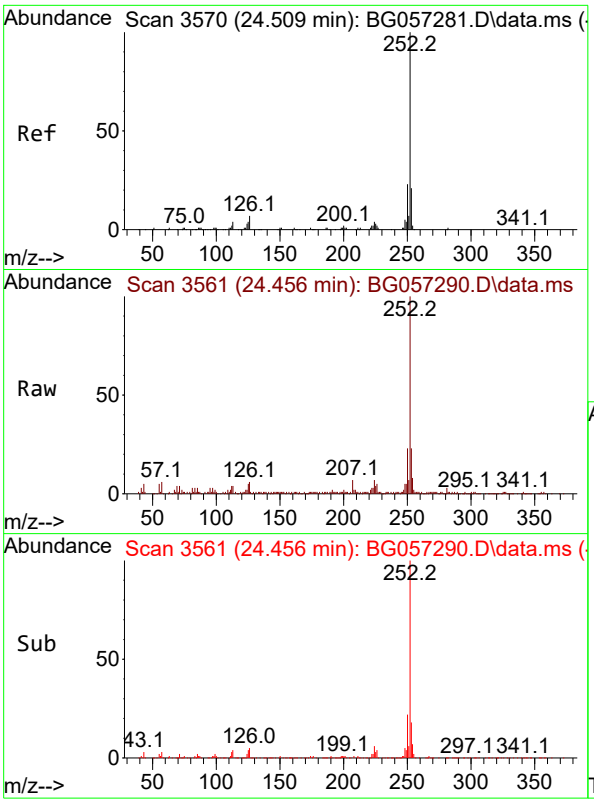


#90
Benzo(b)fluoranthene
Concen: 32.733 ng/ul
RT: 24.456 min Scan# 3561
Delta R.T. 0.020 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:252 Resp: 217545

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.7	25.1
125	4.7	4.8	7.2#



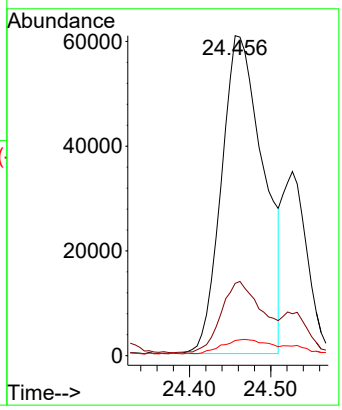


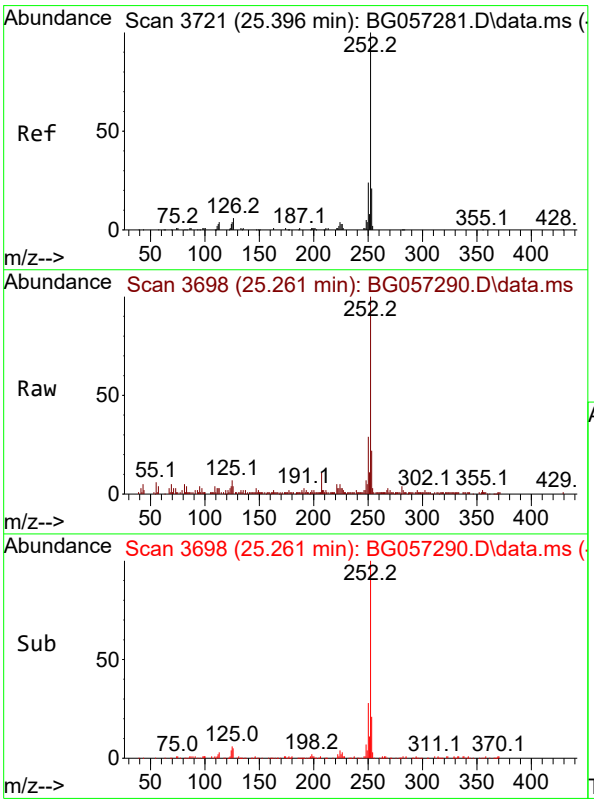
#91
Benzo(k)fluoranthene
Concen: 33.645 ng/ul
RT: 24.456 min Scan# 3
Delta R.T. -0.056 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:252 Resp: 217545

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	4.7	4.5	6.7

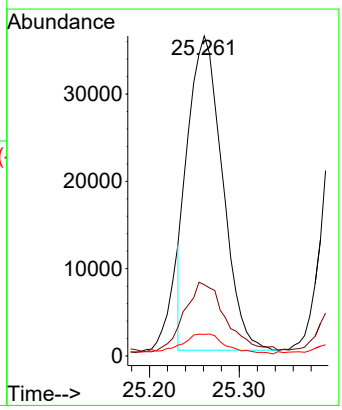


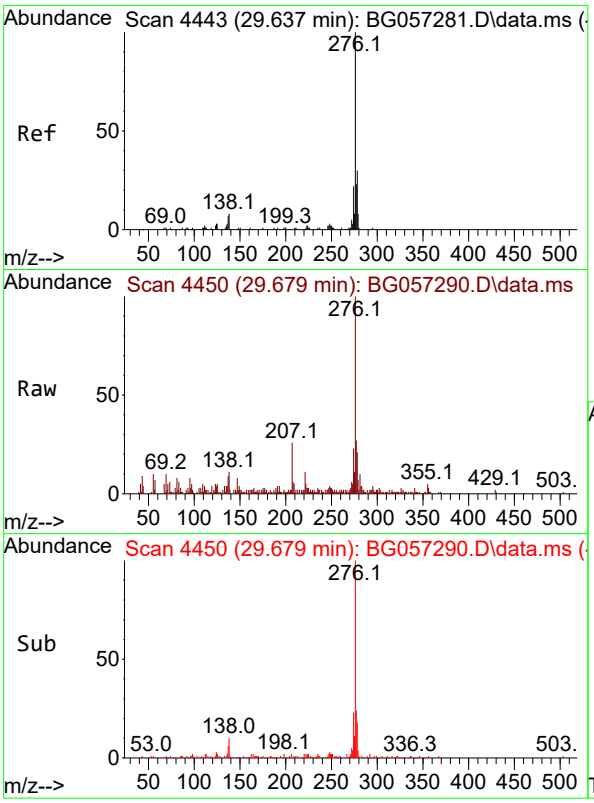


#93
Benzo(a)pyrene
Concen: 16.722 ng/ul
RT: 25.261 min Scan# 3698
Delta R.T. -0.138 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:252 Resp: 95946

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	6.8	5.1	7.7



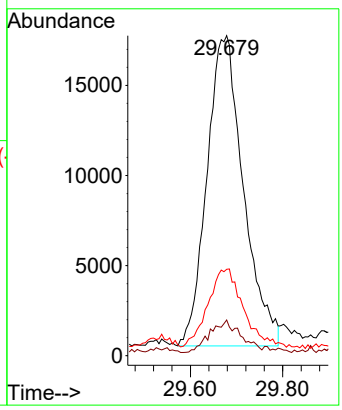


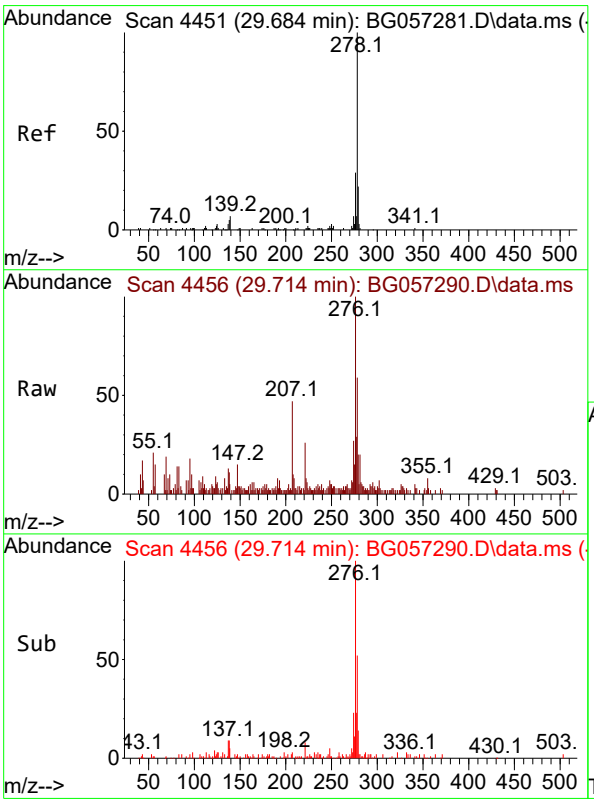
#94
Indeno(1,2,3-cd)pyrene
Concen: 13.200 ng/ul
RT: 29.679 min Scan# 44
Delta R.T. 0.056 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:276 Resp: 94674

Ion	Ratio	Lower	Upper
276	100		
138	11.2	9.4	14.2
277	27.0	18.6	28.0

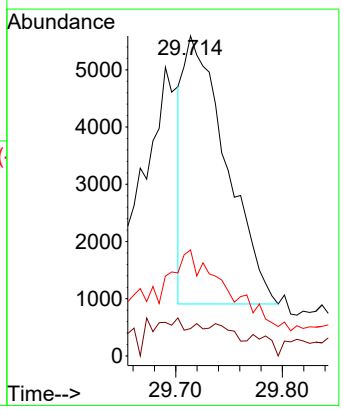


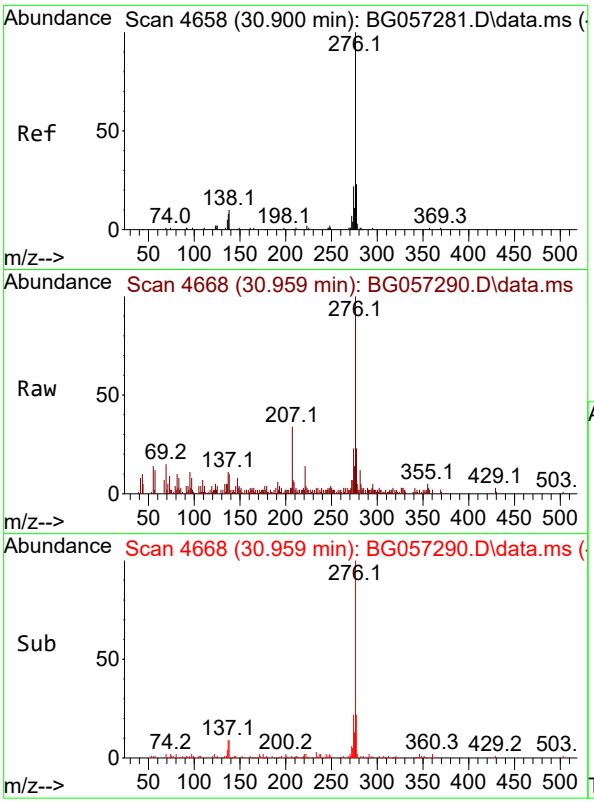


#95
Dibenzo(a,h)anthracene
Concen: 2.203 ng/ul
RT: 29.714 min Scan# 4456
Delta R.T. 0.020 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Tgt Ion:278 Resp: 13102

Ion	Ratio	Lower	Upper
278	100		
139	8.5	5.8	8.6
279	33.1	18.3	27.5#





#96
Benzo(g,h,i)perylene
Concen: 12.996 ng/ul
RT: 30.959 min Scan# 4
Delta R.T. 0.050 min
Lab File: BG057290.D
Acq: 3 May 2023 17:16

Instrument :
BNA_G
ClientSampleId :
EW922

Tgt Ion:276 Resp: 75435

Ion	Ratio	Lower	Upper
276	100		
138	10.5	8.7	13.1
277	23.3	18.4	27.6