Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Time: Jul 01 02:22:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration

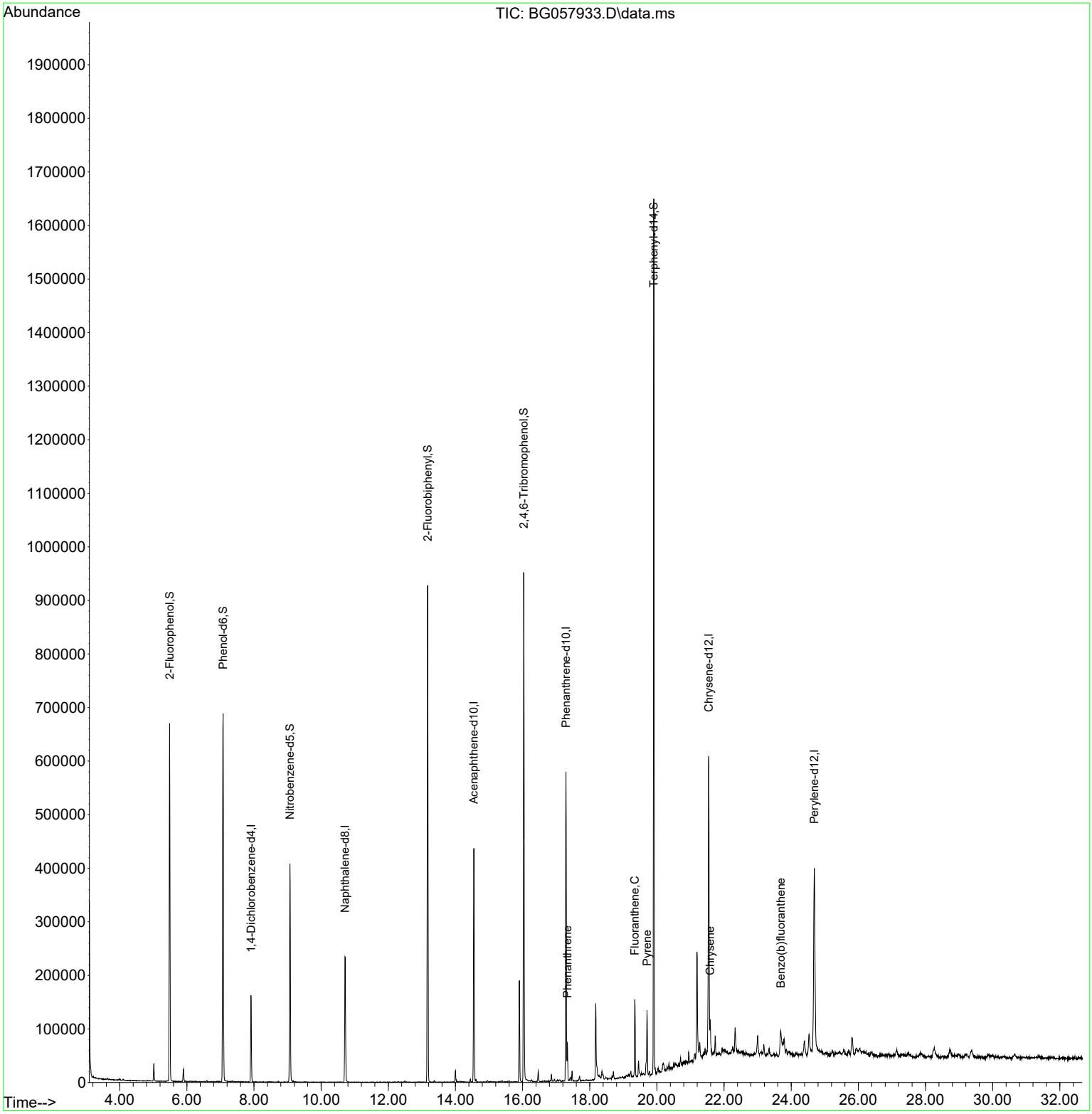
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	45131	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	203012	20.000	ng	-0.02
39) Acenaphthene-d10	14.547	164	154653	20.000	ng	-0.01
64) Phenanthrene-d10	17.291	188	360206	20.000	ng	-0.01
76) Chrysene-d12	21.544	240	297901	20.000	ng	-0.01
86) Perylene-d12	24.688	264	369741	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	285975	96.949	ng	0.00
7) Phenol-d6	7.079	99	422199	95.717	ng	0.00
23) Nitrobenzene-d5	9.071	82	247373	59.717	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	202447	77.938	ng	-0.01
45) 2-Fluorobiphenyl	13.172	172	511195	50.442	ng	-0.01
79) Terphenyl-d14	19.905	244	822352	50.326	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.332	178	43440	2.512	ng	97
75) Fluoranthene	19.341	202	85158	3.909	ng	99
78) Pyrene	19.705	202	75578	3.553	ng	99
83) Chrysene	21.586	228	39248	2.011	ng	99
88) Benzo(b)fluoranthene	23.689	252	56384	2.796	ng	95

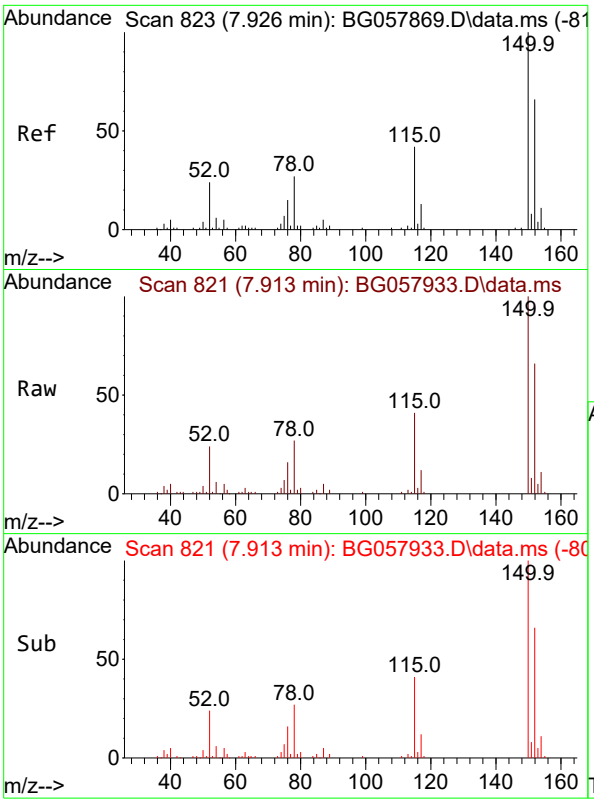
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057933.D
Acq On : 1 Jul 2023 00:45
Operator : CG/JU
Sample : 03358-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-01

Quant Time: Jul 01 02:22:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration



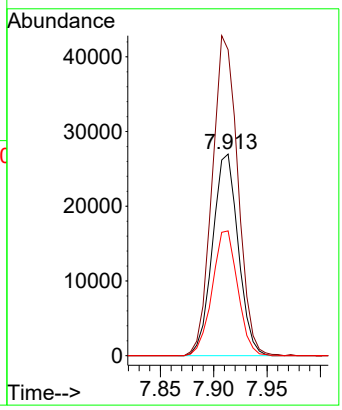


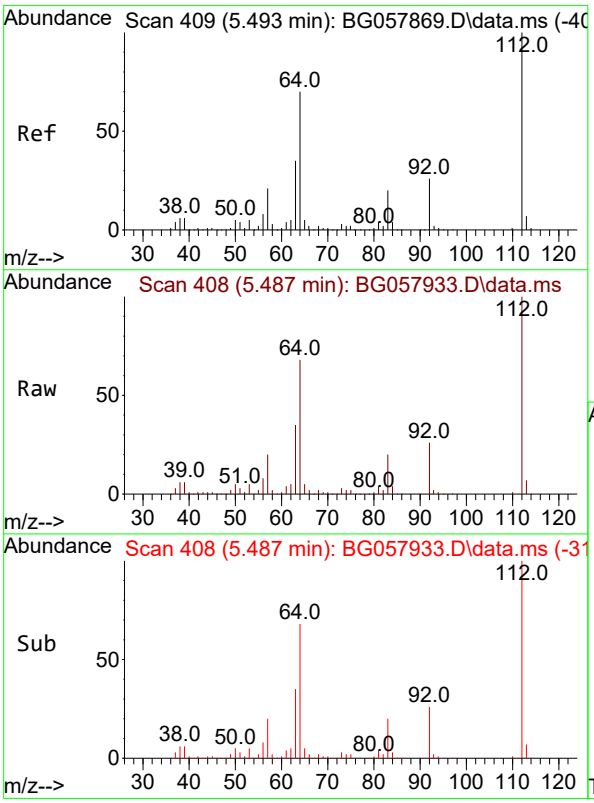
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 8
Delta R.T. -0.013 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:152 Resp: 45131

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.0	183.0
115	61.9	50.7	76.1

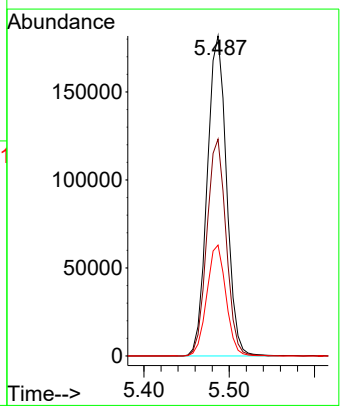


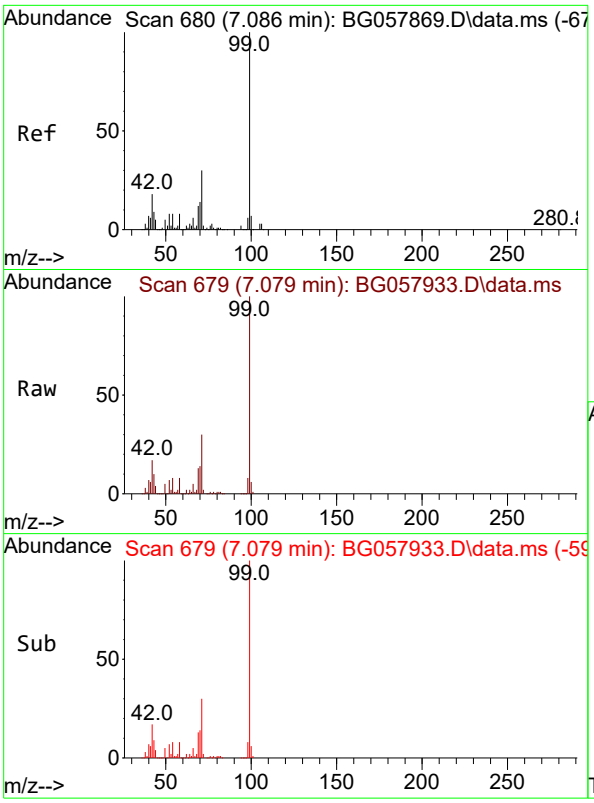


#5
2-Fluorophenol
Concen: 96.949 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.006 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:112 Resp: 285975

Ion	Ratio	Lower	Upper
112	100		
64	67.8	55.8	83.6
63	34.6	27.9	41.9



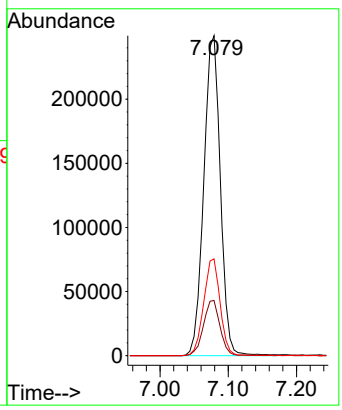


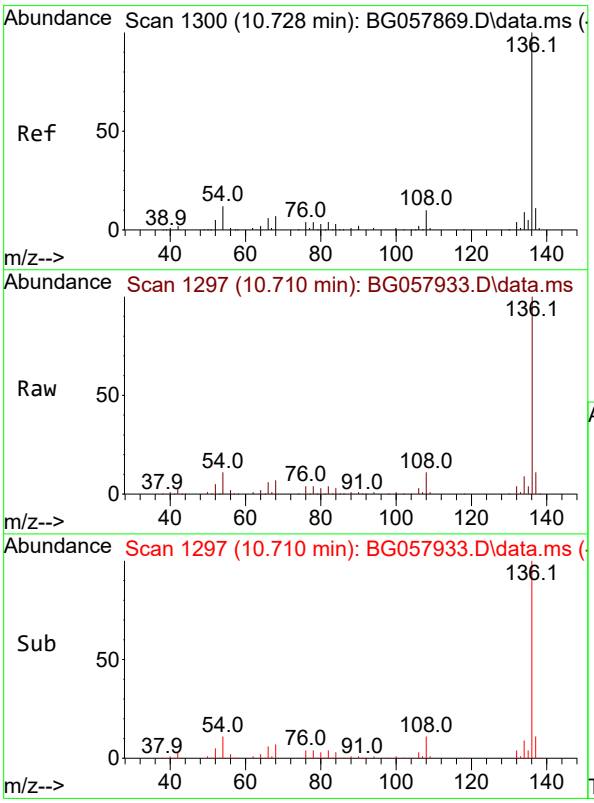
#7
Phenol-d6
Concen: 95.717 ng
RT: 7.079 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion: 99 Resp: 422199

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.2	21.4
71	30.2	23.9	35.9

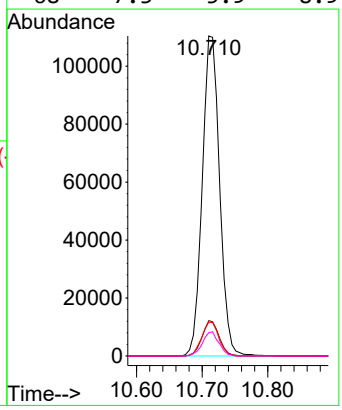


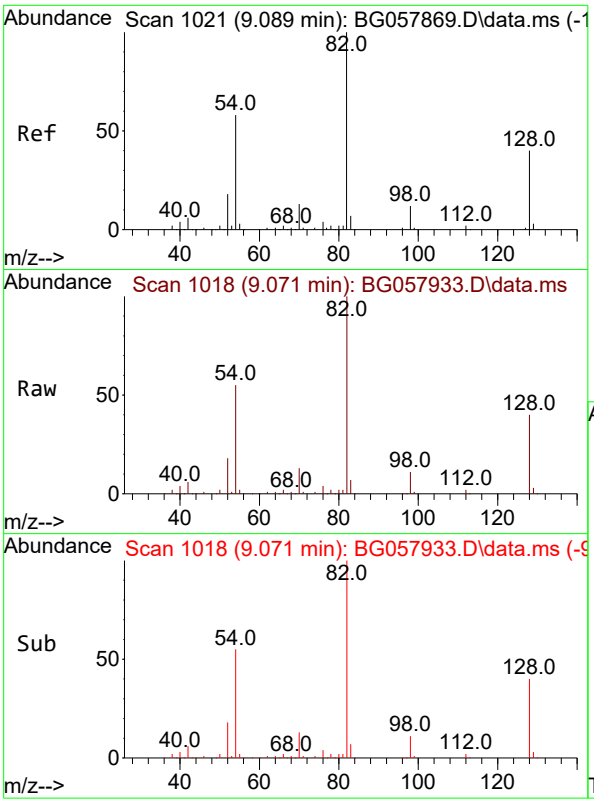


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:136 Resp: 203012

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.6	9.3	13.9
68	7.3	5.9	8.9



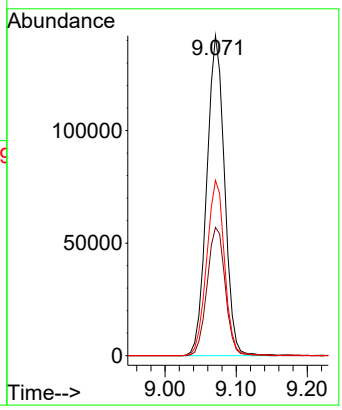


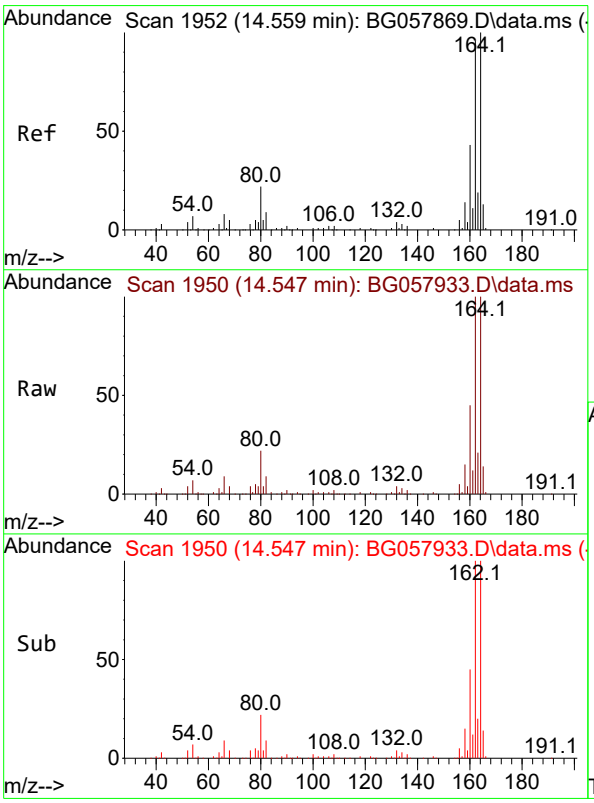
#23
Nitrobenzene-d5
Concen: 59.717 ng
RT: 9.071 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion: 82 Resp: 247373

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.4
54	54.8	46.1	69.1

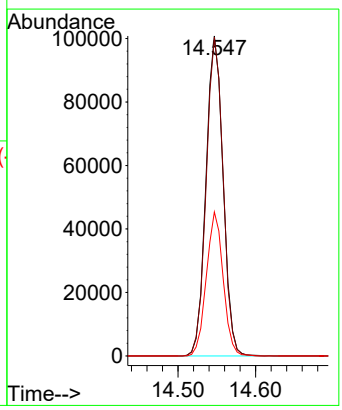


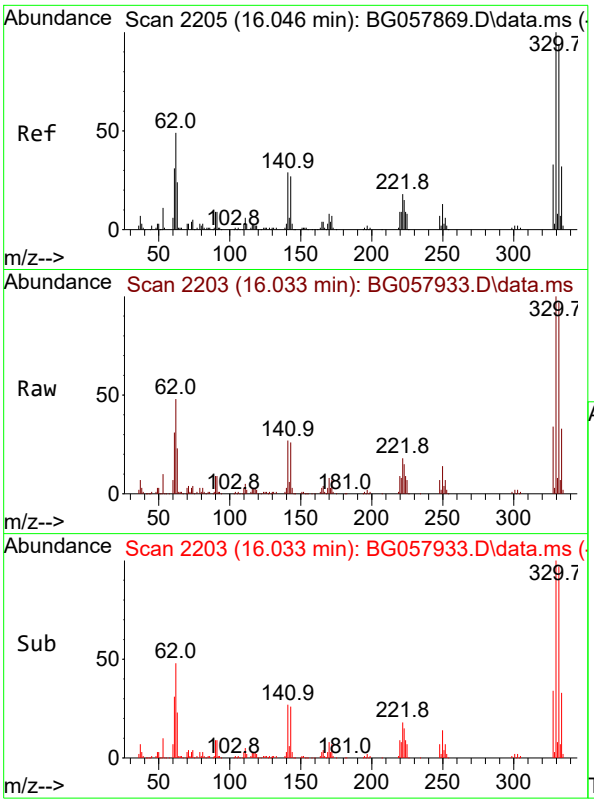


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:164 Resp: 154653

Ion	Ratio	Lower	Upper
164	100		
162	99.5	76.4	114.6
160	45.0	34.2	51.2



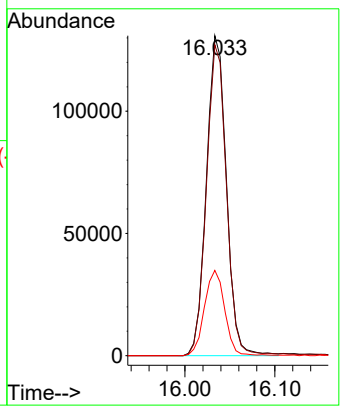


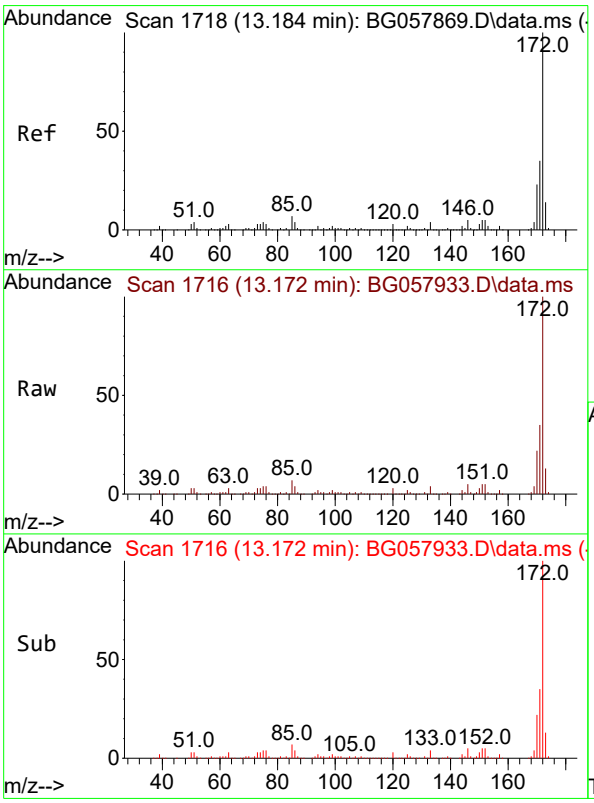
#42
2,4,6-Tribromophenol
Concen: 77.938 ng
RT: 16.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:330 Resp: 202447

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	27.1	22.2	33.4

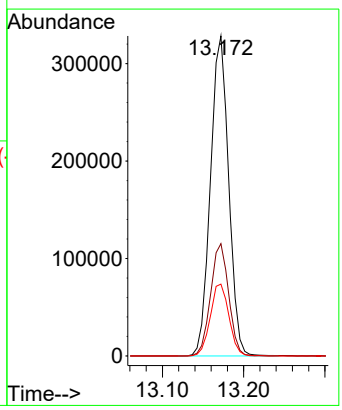


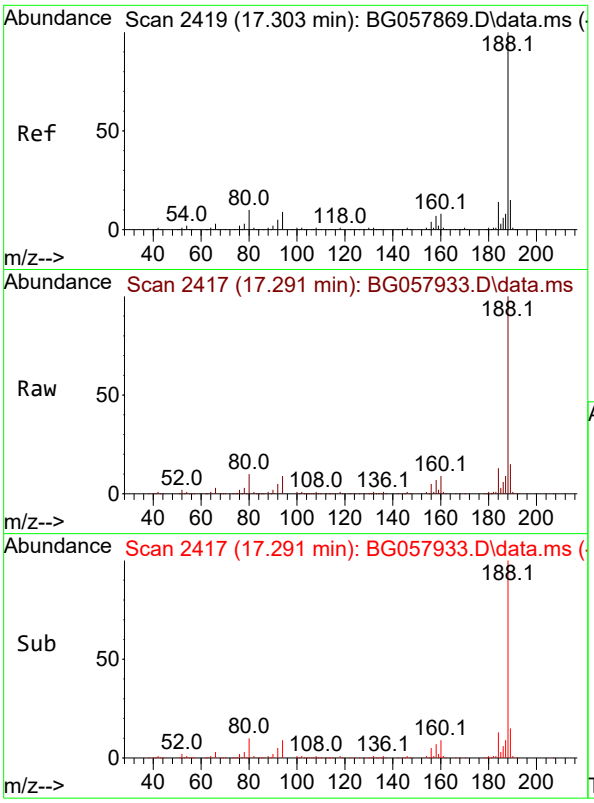


#45
2-Fluorobiphenyl
Concen: 50.442 ng
RT: 13.172 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:172 Resp: 511195

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	22.4	18.6	27.8



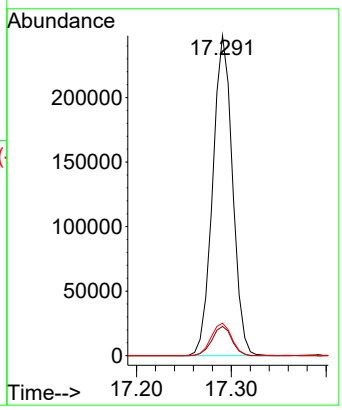


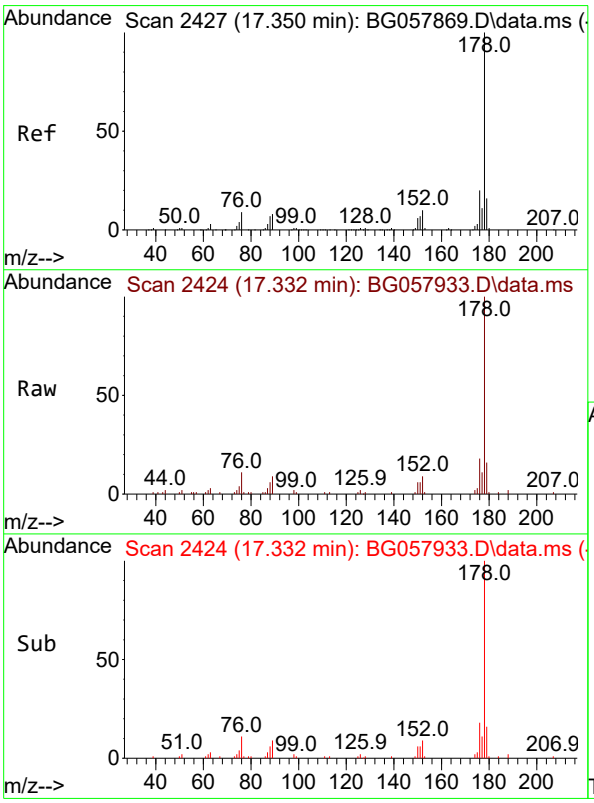
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.291 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:188 Resp: 360206

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.2	8.4	12.6

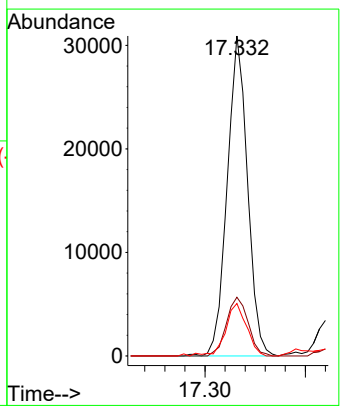


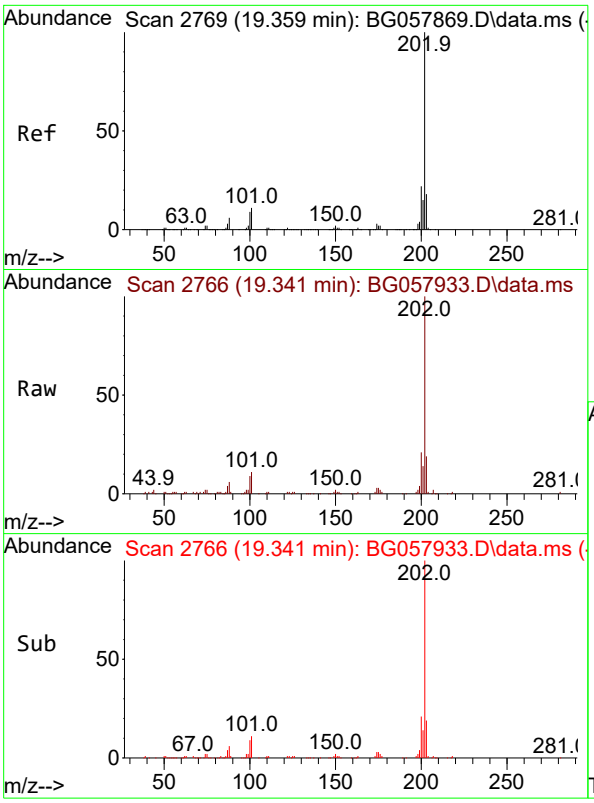


#71
Phenanthrene
Concen: 2.512 ng
RT: 17.332 min Scan# 2424
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:178 Resp: 43440

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.3	24.5
179	16.4	13.2	19.8



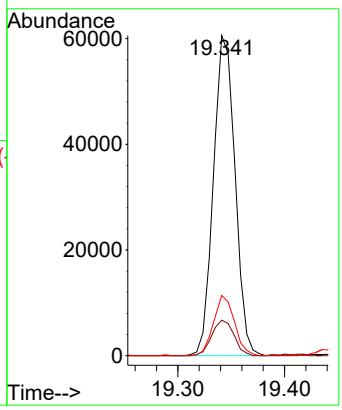


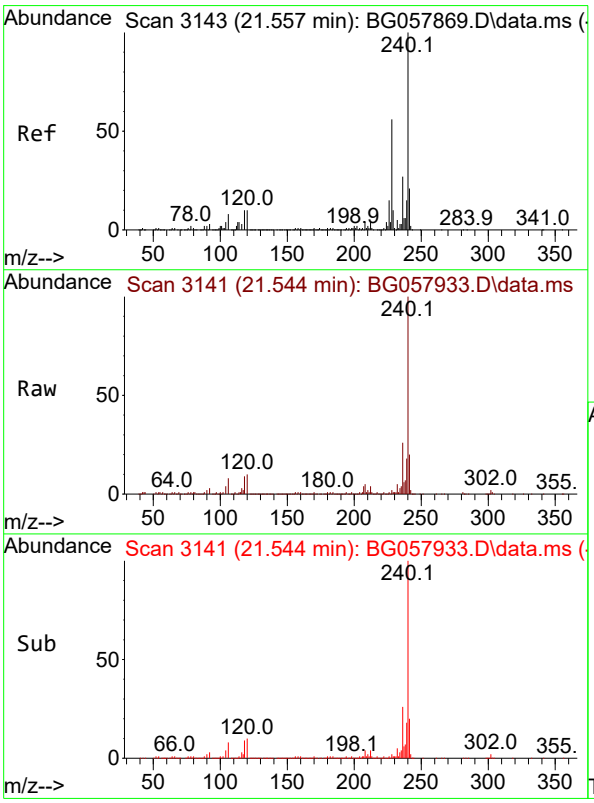
#75
Fluoranthene
Concen: 3.909 ng
RT: 19.341 min Scan# 2
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:202 Resp: 85158

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	18.8	0.0	38.2

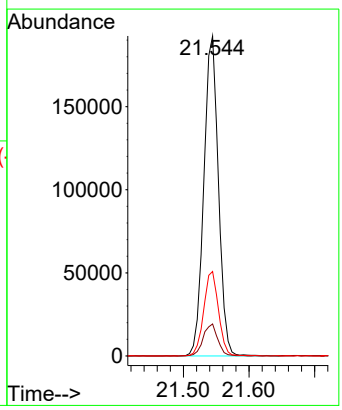


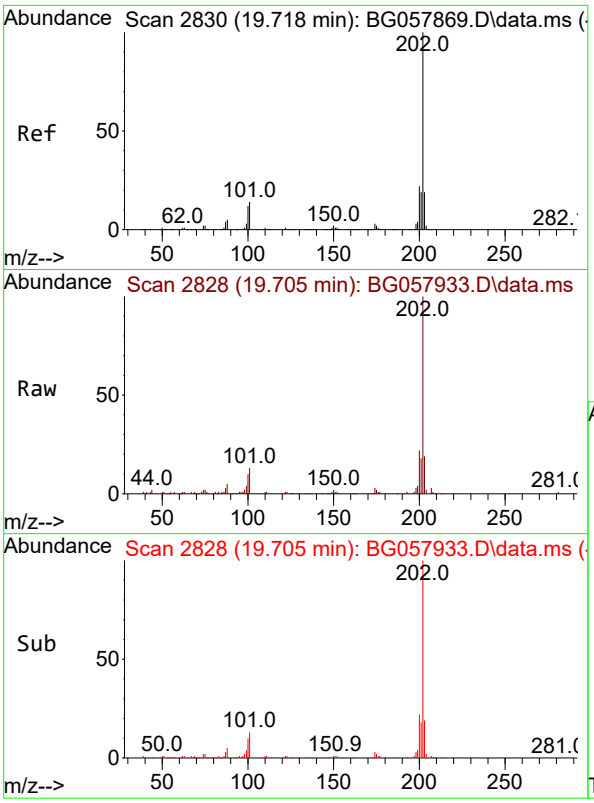


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:240 Resp: 297901

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	26.4	21.9	32.9



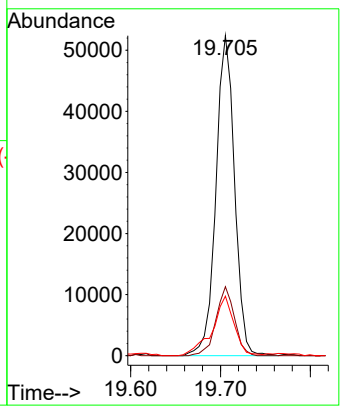


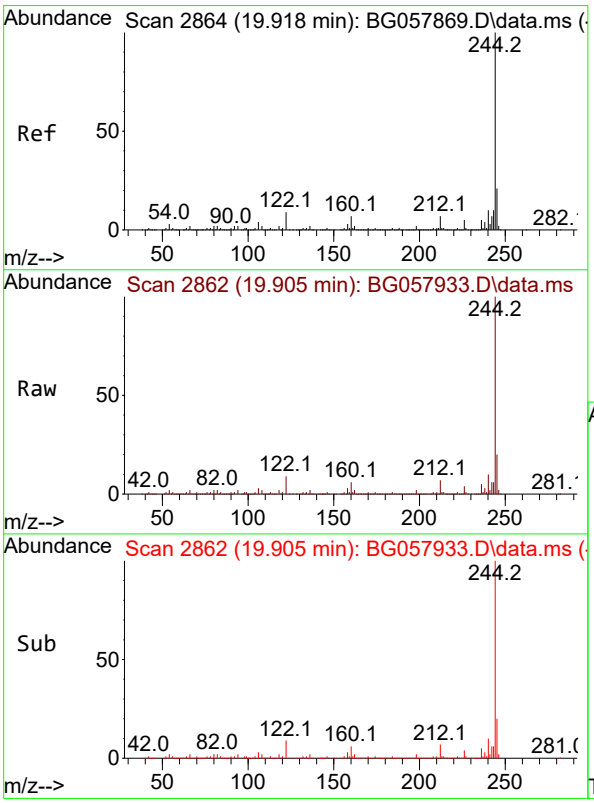
#78
Pyrene
Concen: 3.553 ng
RT: 19.705 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:202 Resp: 75578

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.6	15.2	22.8

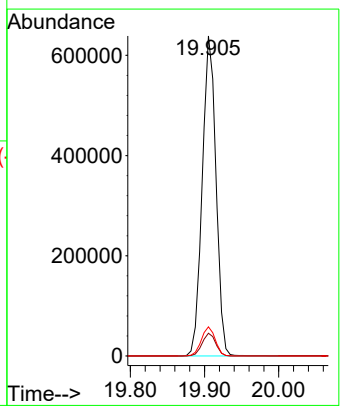


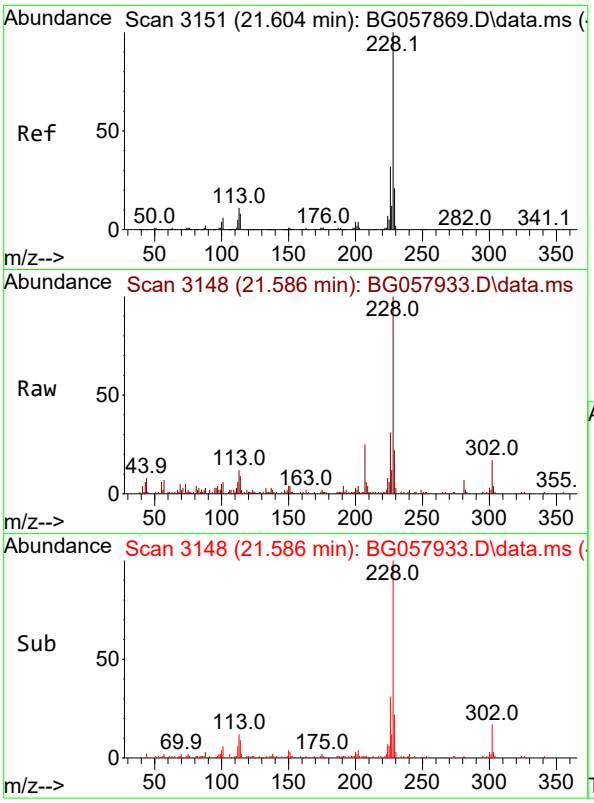


#79
Terphenyl-d14
Concen: 50.326 ng
RT: 19.905 min Scan# 2862
Delta R.T. -0.012 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:244 Resp: 822352

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.1	7.4	11.0



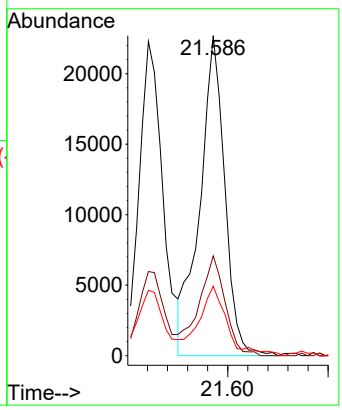


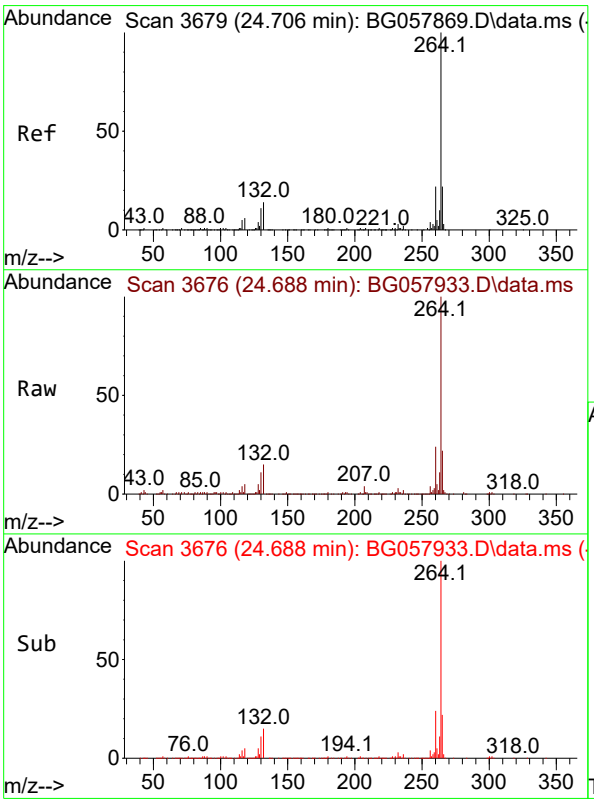
#83
Chrysene
Concen: 2.011 ng
RT: 21.586 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:228 Resp: 39248

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.3	37.9
229	21.7	16.5	24.7

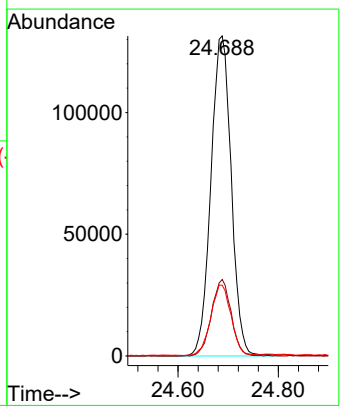


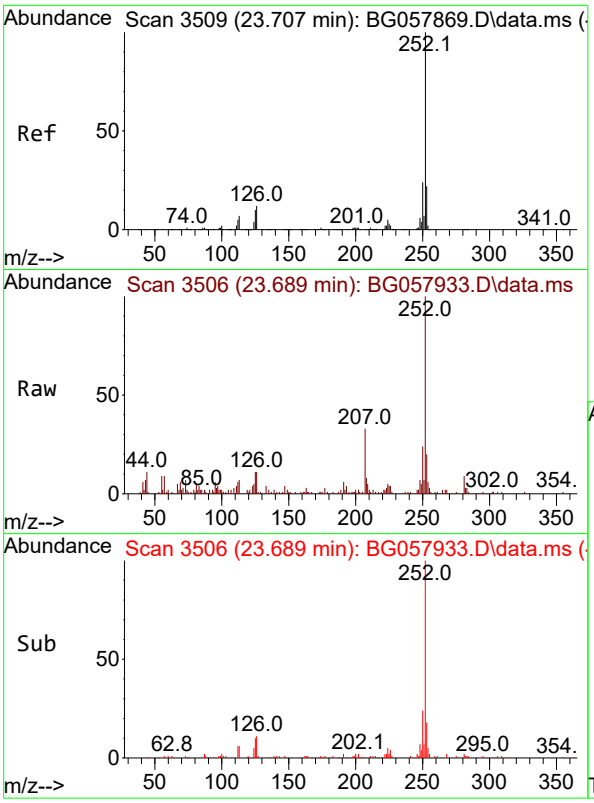


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.688 min Scan# 3676
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Tgt Ion:264 Resp: 369741

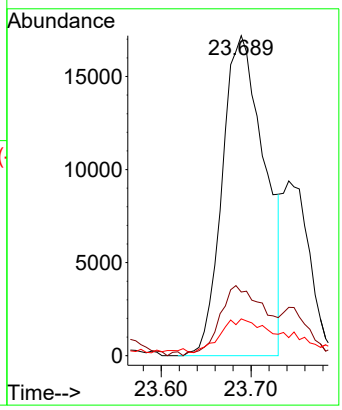
Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.8	26.8
265	22.1	17.3	25.9





#88
Benzo(b)fluoranthene
Concen: 2.796 ng
RT: 23.689 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG057933.D
Acq: 1 Jul 2023 00:45

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:252 Resp: 56384

Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.7	26.5
125	11.5	7.7	11.5