Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056178.D
Acq On : 30 Dec 2022 19:58
Operator : CG/JU
Sample : N6237-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Quant Time: Dec 31 00:20:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.340	152	55566	20.000	ng		0.00
21) Naphthalene-d8	11.166	136	203090	20.000	ng		0.00
39) Acenaphthene-d10	14.944	164	152717	20.000	ng		0.00
64) Phenanthrene-d10	17.676	188	359062	20.000	ng		0.00
76) Chrysene-d12	21.971	240	348727	20.000	ng		0.00
86) Perylene-d12	25.432	264	374458	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.861	112	216426	69.544	ng		0.00
7) Phenol-d6	7.471	99	294742	61.671	ng		0.00
23) Nitrobenzene-d5	9.504	82	151914	38.262	ng		0.00
42) 2,4,6-Tribromophenol	16.419	330	112810	58.326	ng		0.00
45) 2-Fluorobiphenyl	13.569	172	428734	38.767	ng		0.00
79) Terphenyl-d14	20.250	244	710564	36.494	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.723	178	51531	2.769	ng		96
75) Fluoranthene	19.709	202	127454	5.251	ng		100
78) Pyrene	20.068	202	119651	4.868	ng		98
81) Benzo(a)anthracene	21.954	228	62400	2.548	ng		99
83) Chrysene	22.024	228	63941	2.787	ng		94
88) Benzo(b)fluoranthene	24.322	252	87305	3.670	ng		100
90) Benzo(a)pyrene	25.262	252	60678	2.615	ng	#	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
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Operator : CG/JU
Sample : N6237-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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TR-05-122922

Quant Time: Dec 31 00:20:30 2022
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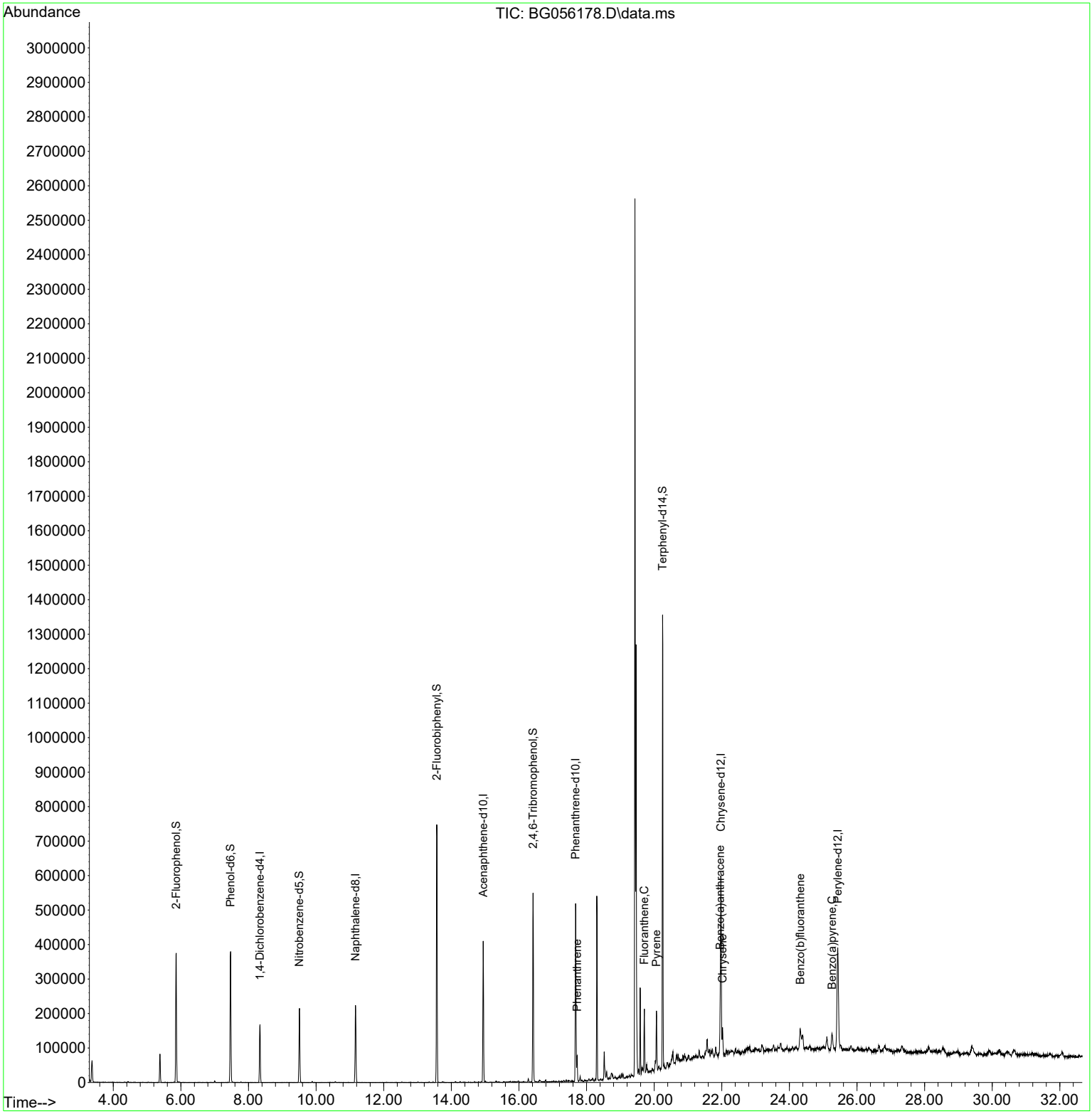
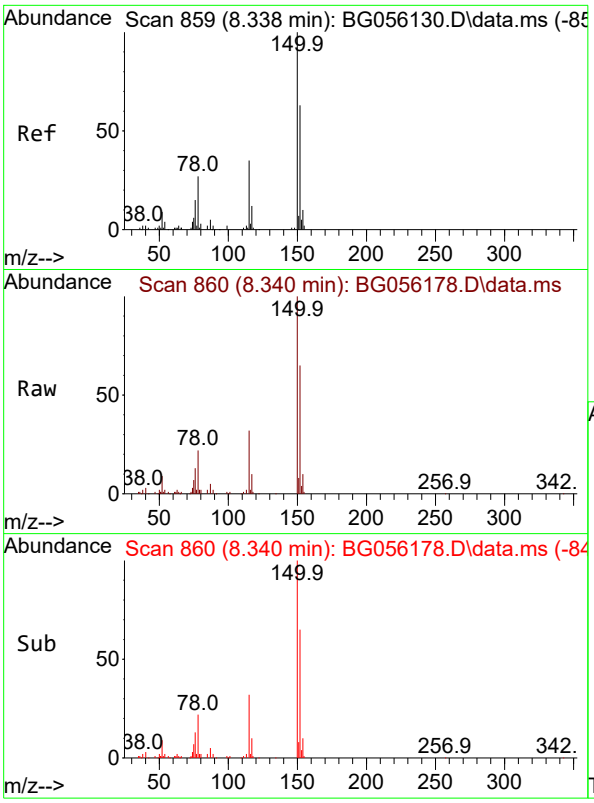


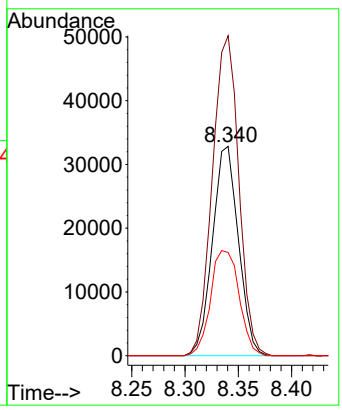


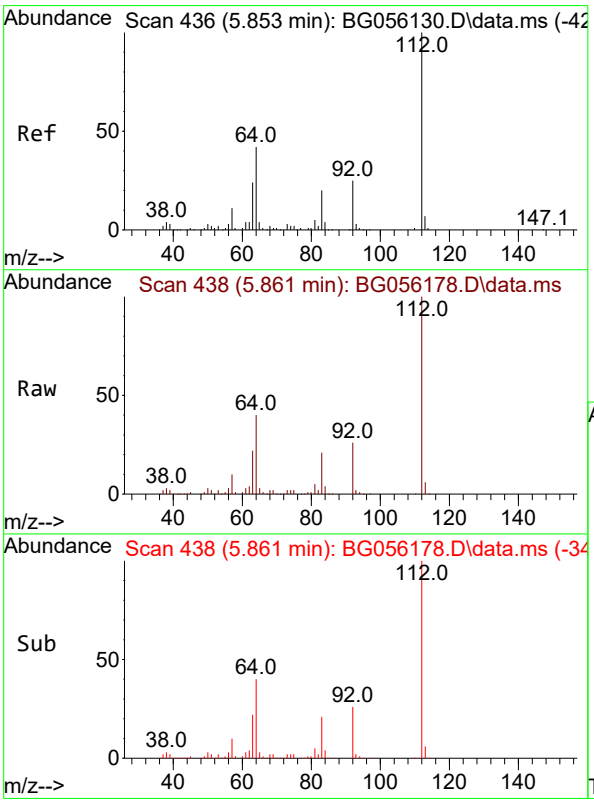
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:152 Resp: 55566

Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.9	191.9
115	49.4	44.2	66.2

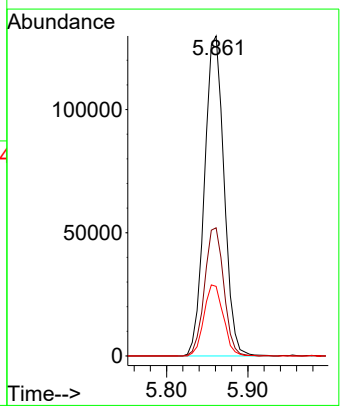


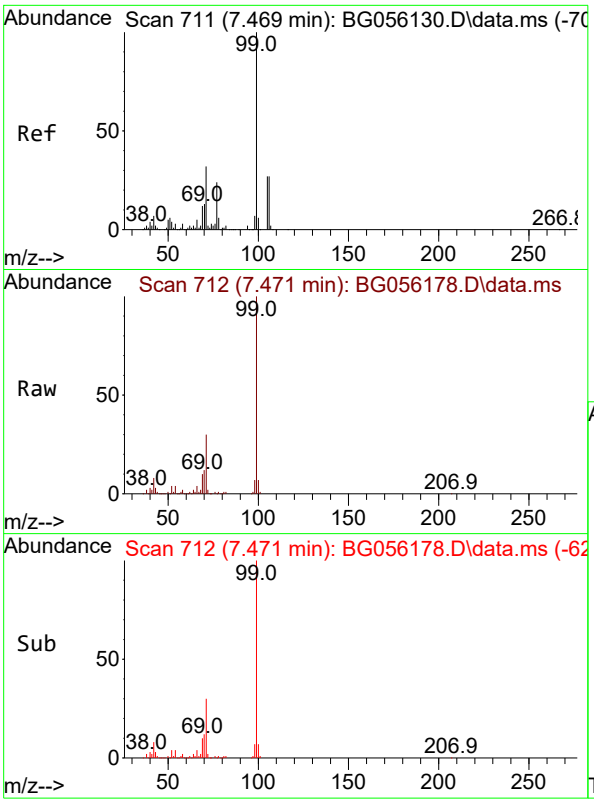


#5
2-Fluorophenol
Concen: 69.544 ng
RT: 5.861 min Scan# 438
Delta R.T. 0.008 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:112 Resp: 216426

Ion	Ratio	Lower	Upper
112	100		
64	40.1	33.3	49.9
63	21.7	19.0	28.4



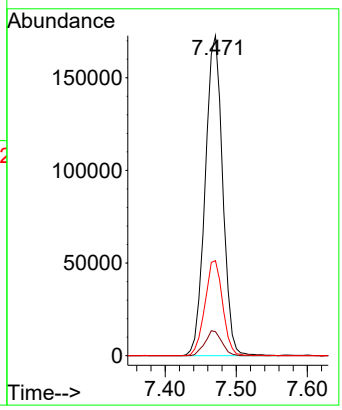


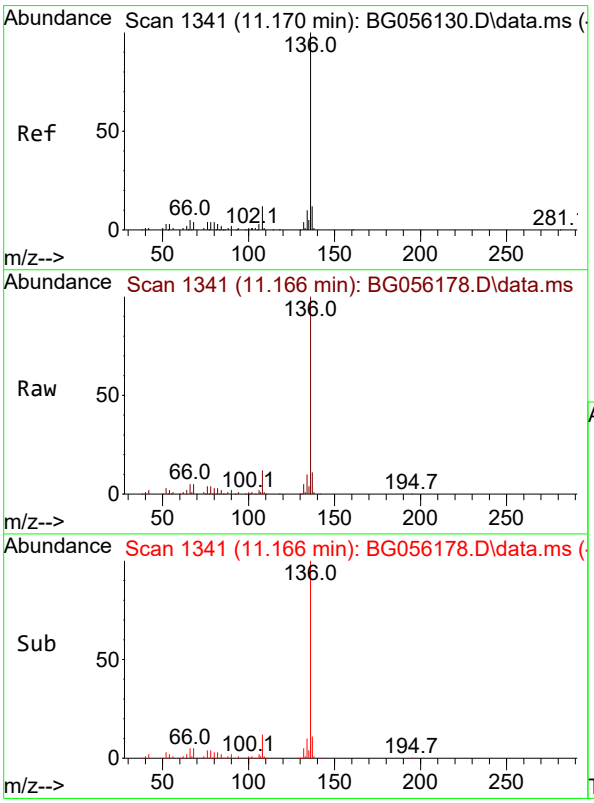
#7
Phenol-d6
Concen: 61.671 ng
RT: 7.471 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion: 99 Resp: 294742

Ion	Ratio	Lower	Upper
99	100		
42	7.5	5.9	8.9
71	29.7	25.4	38.2

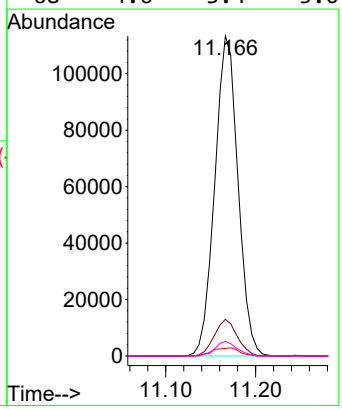


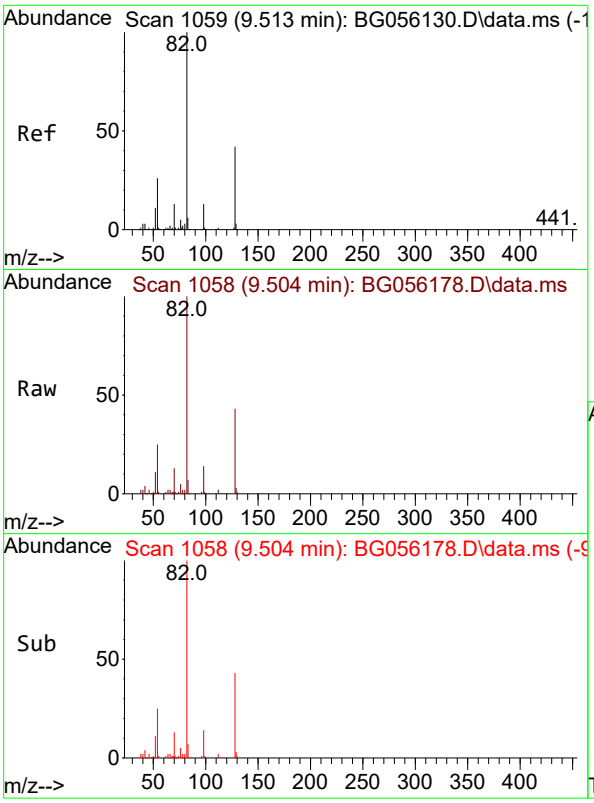


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:136 Resp: 203090

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	2.4	2.2	3.2
68	4.6	3.4	5.0



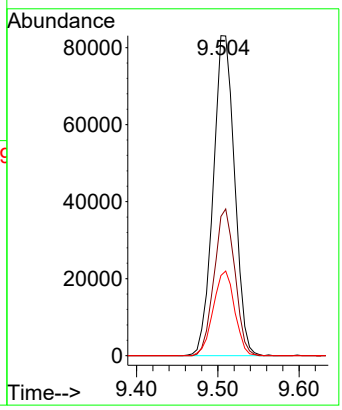


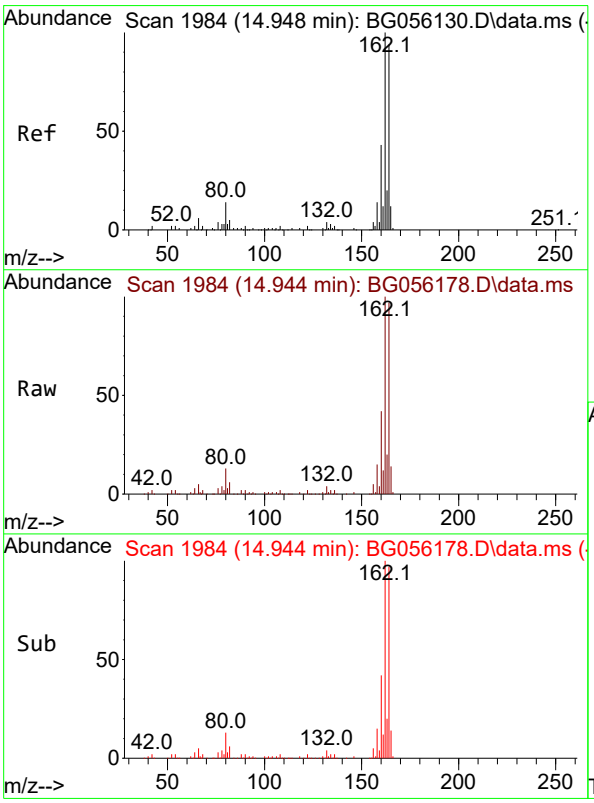
#23
Nitrobenzene-d5
Concen: 38.262 ng
RT: 9.504 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion: 82 Resp: 151914

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.4	50.2
54	25.1	20.3	30.5

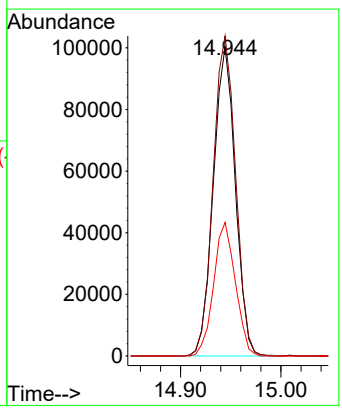


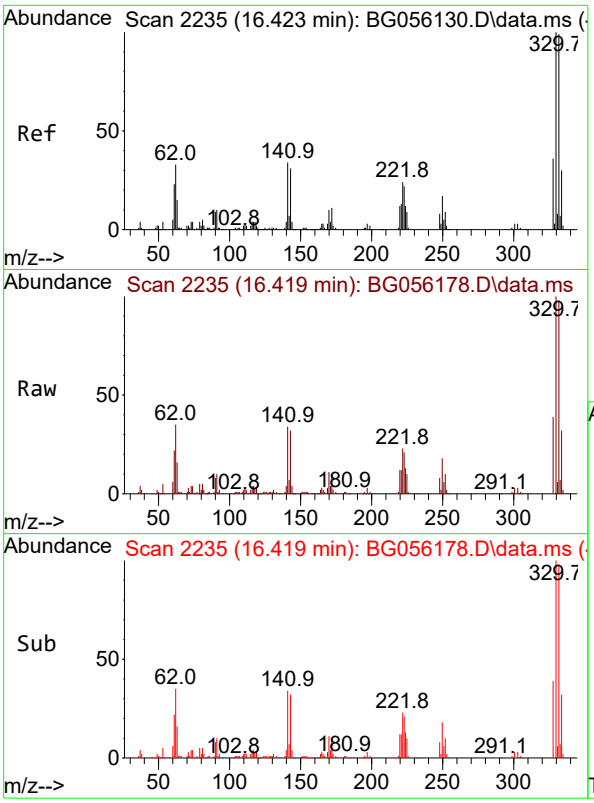


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:164 Resp: 152717

Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.7	127.1
160	43.2	36.3	54.5



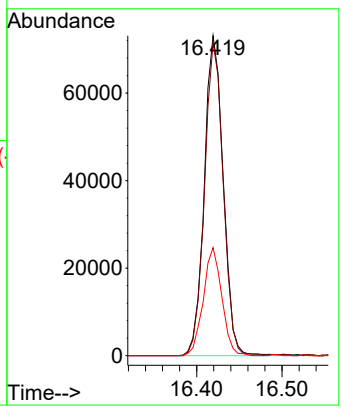


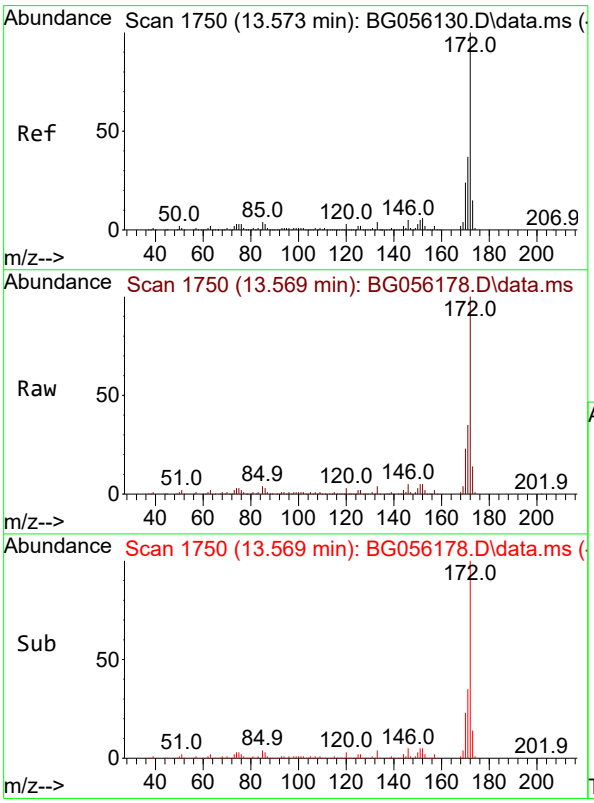
#42
2,4,6-Tribromophenol
Concen: 58.326 ng
RT: 16.419 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:330 Resp: 112810

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.0	27.9	41.9

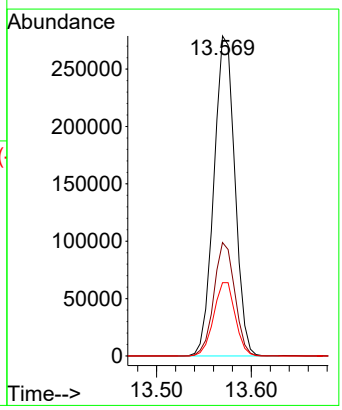


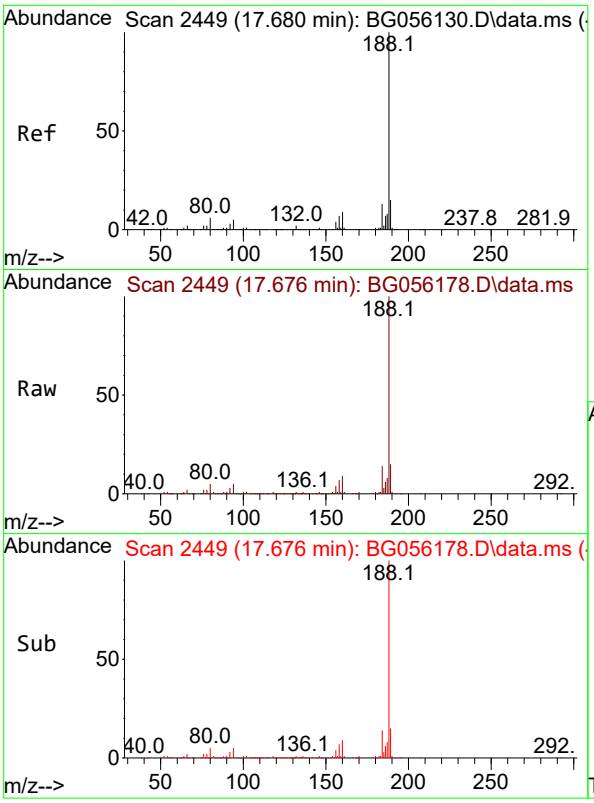


#45
2-Fluorobiphenyl
Concen: 38.767 ng
RT: 13.569 min Scan# 1750
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:172 Resp: 428734

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.9	19.4	29.2



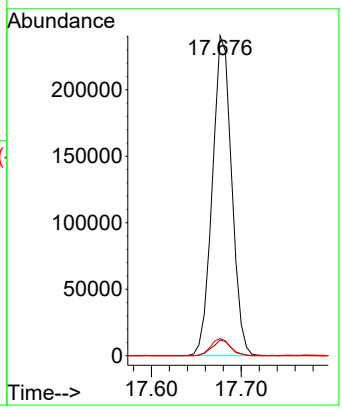


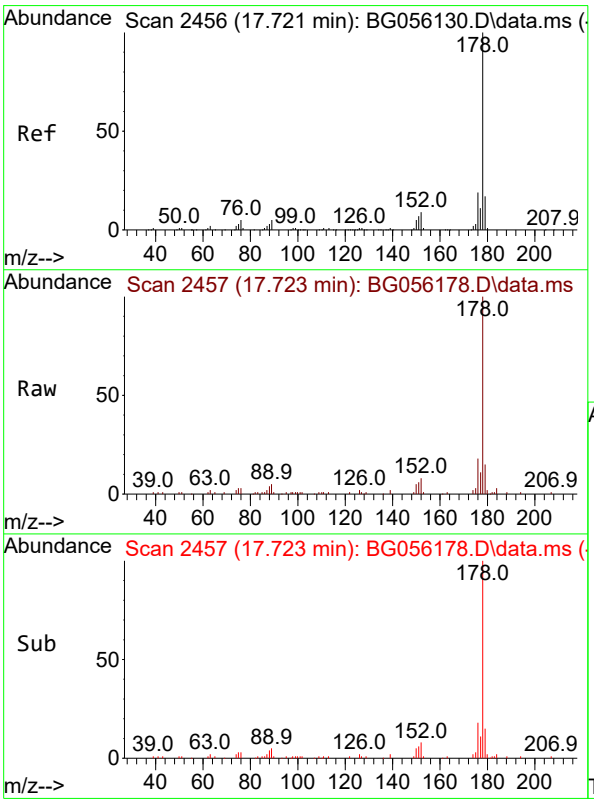
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.676 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:188 Resp: 359062

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.2	6.2
80	5.4	5.0	7.4

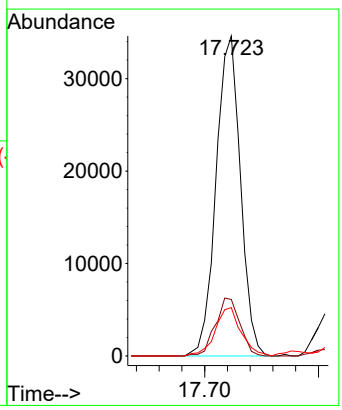


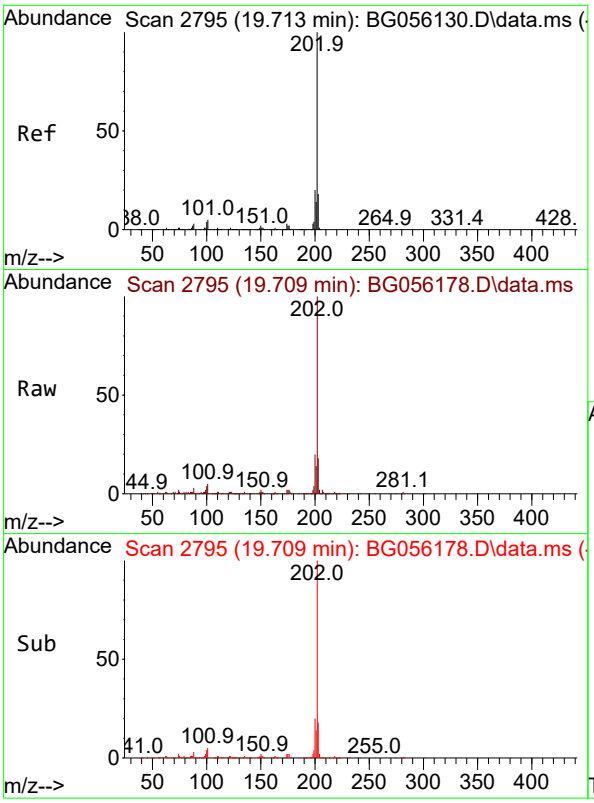


#71
Phenanthrene
Concen: 2.769 ng
RT: 17.723 min Scan# 2457
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:178 Resp: 51531

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.0
179	15.1	13.6	20.4



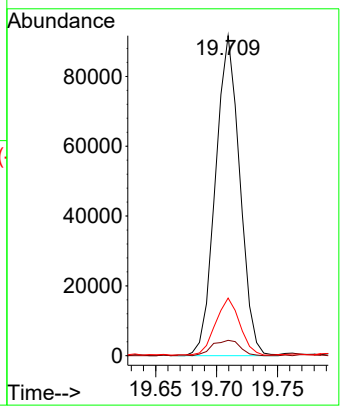


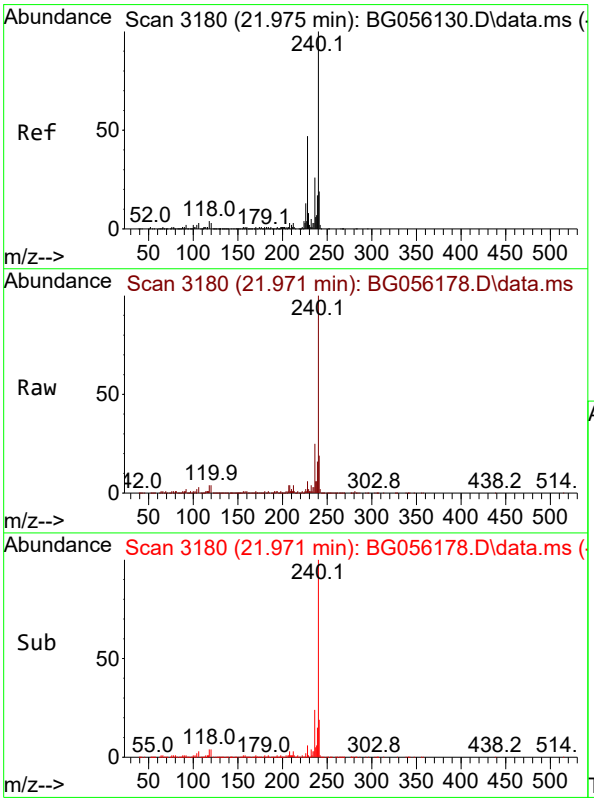
#75
Fluoranthene
Concen: 5.251 ng
RT: 19.709 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:202 Resp: 127454

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	25.0
203	18.0	0.0	38.0

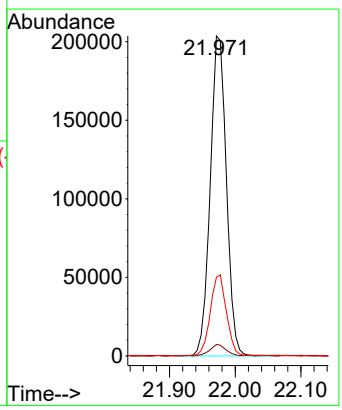


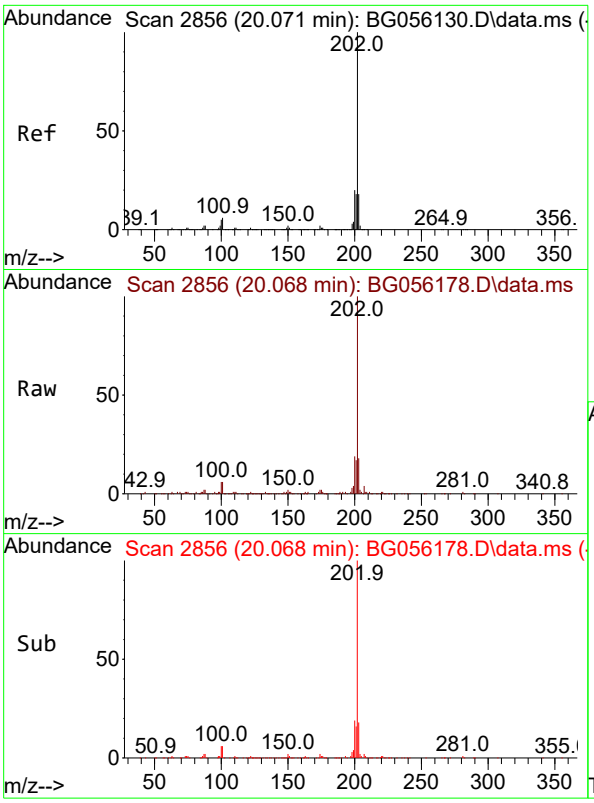


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.971 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:240 Resp: 348727

Ion	Ratio	Lower	Upper
240	100		
120	3.6	2.6	4.0
236	24.6	20.8	31.2



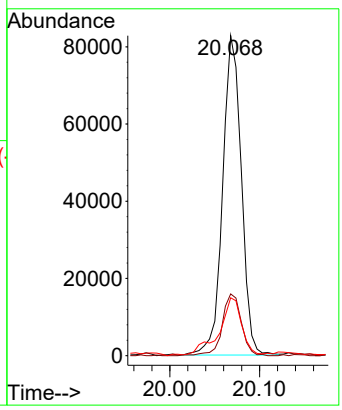


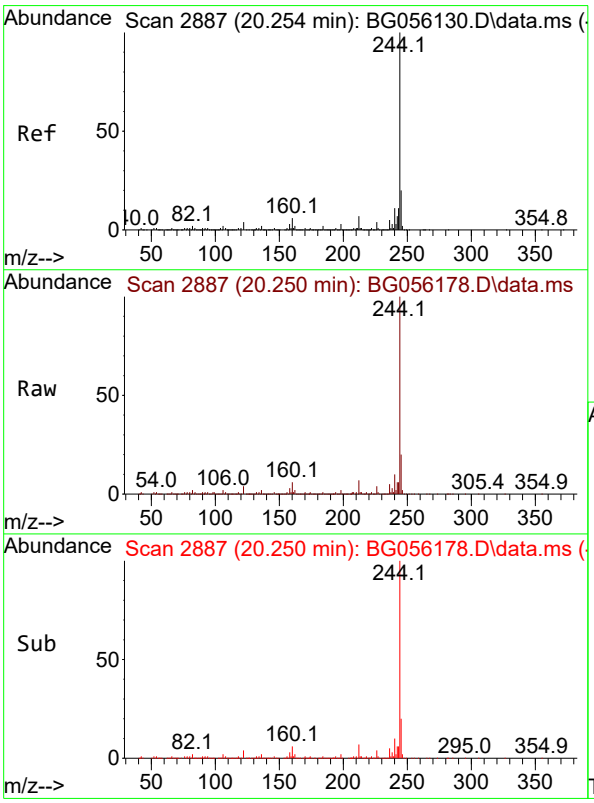
#78
Pyrene
Concen: 4.868 ng
RT: 20.068 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:202 Resp: 119651

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.4	24.6
203	18.1	14.3	21.5

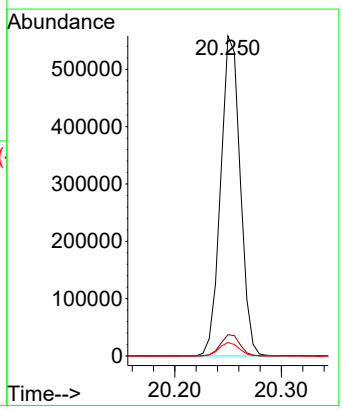


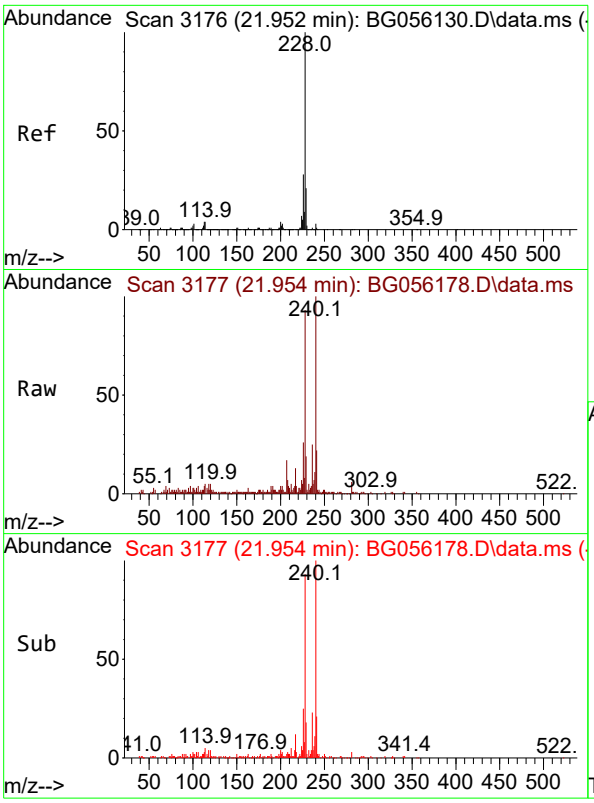


#79
Terphenyl-d14
Concen: 36.494 ng
RT: 20.250 min Scan# 2887
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:244 Resp: 710564

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	4.2	3.5	5.3



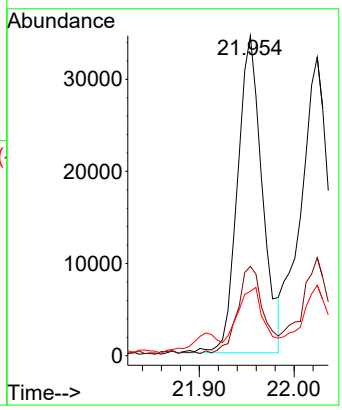


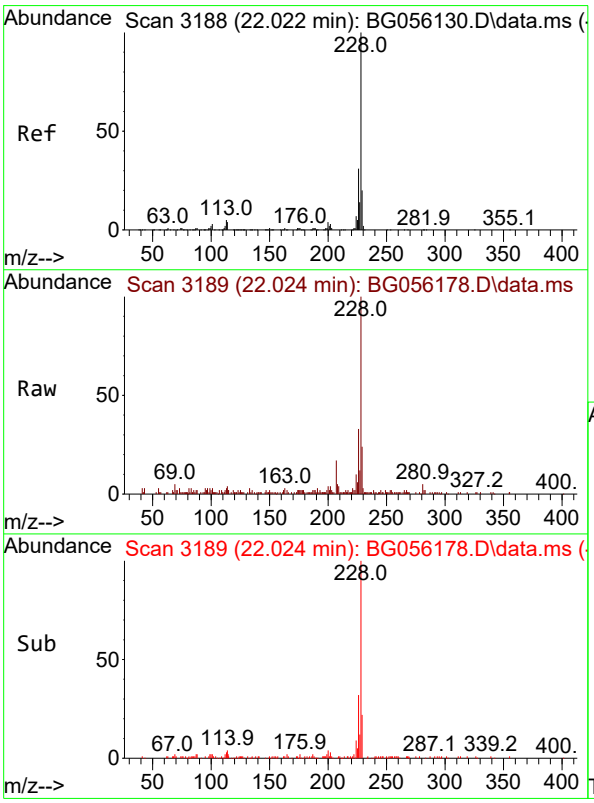
#81
Benzo(a)anthracene
Concen: 2.548 ng
RT: 21.954 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:228 Resp: 62400

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.1	16.9	25.3

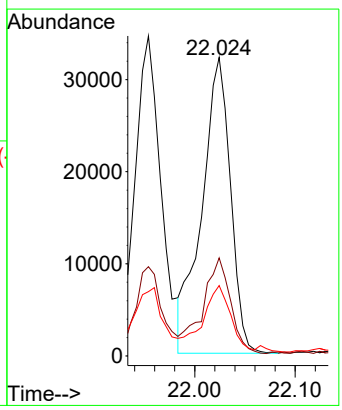


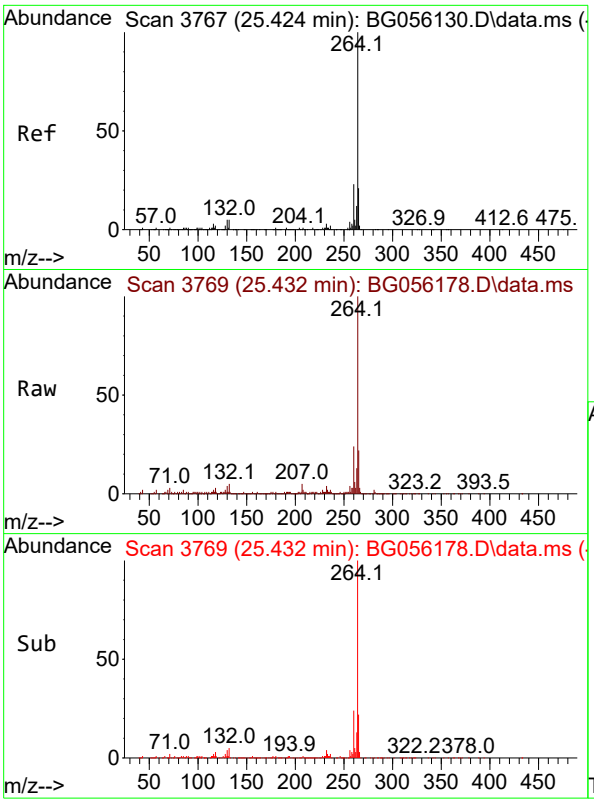


#83
Chrysene
Concen: 2.787 ng
RT: 22.024 min Scan# 3189
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:228 Resp: 63941

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.6	36.8
229	23.6	15.8	23.6



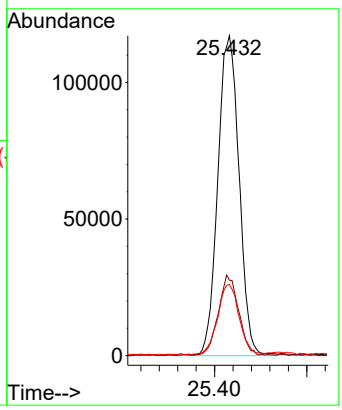


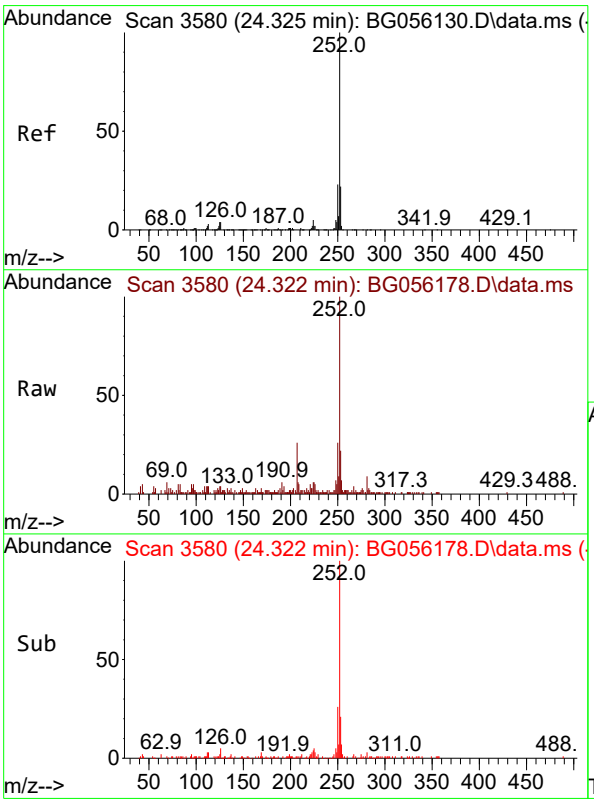
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.432 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:264 Resp: 374458

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.3	16.7	25.1

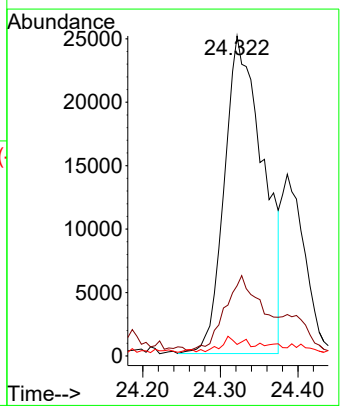


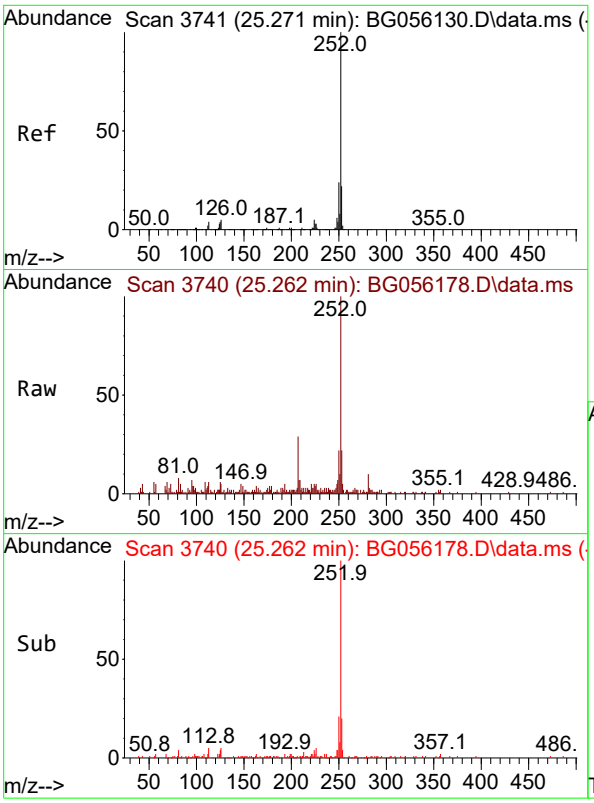


#88
Benzo(b)fluoranthene
Concen: 3.670 ng
RT: 24.322 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:252 Resp: 87305

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	3.6	3.0	4.4





#90
Benzo(a)pyrene
Concen: 2.615 ng
RT: 25.262 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Instrument :
BNA_G
ClientSampleId :
TR-05-122922

Tgt Ion:252 Resp: 60678

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	6.2	3.2	4.8#