Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
Data File : BM038769.D
Acq On : 16 Feb 2023 22:34
Operator : CG/JU
Sample : 01552-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Quant Time: Feb 17 06:13:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 06:10:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	73235	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	281044	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	177043	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	348355	20.000	ng	#	0.00
76) Chrysene-d12	21.480	240	253526	20.000	ng		0.00
86) Perylene-d12	23.868	264	251073	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	402075	107.548	ng		0.00
7) Phenol-d6	7.093	99	489891	114.892	ng		0.00
23) Nitrobenzene-d5	9.092	82	280158	56.621	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	223626	92.930	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	767431	55.185	ng		0.00
79) Terphenyl-d14	19.921	244	1090050	75.873	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.345	178	145202	7.020	ng		100
75) Fluoranthene	19.356	202	421162	19.393	ng		97
77) Benzidine	19.515	184	261	3.146	ng	#	1
78) Pyrene	19.721	202	368645	18.886	ng		99
81) Benzo(a)anthracene	21.462	228	193434	10.786	ng		98
83) Chrysene	21.515	228	165402	9.572	ng		95
87) Indeno(1,2,3-cd)pyrene	26.350	276	107167	5.419	ng		97
88) Benzo(b)fluoranthene	23.139	252	225871	15.020	ng	#	93
89) Benzo(k)fluoranthene	23.139	252	225871	14.791	ng	#	92
90) Benzo(a)pyrene	23.762	252	152798	10.274	ng	#	94
92) Benzo(g,h,i)perylene	27.115	276	100096	5.951	ng		97

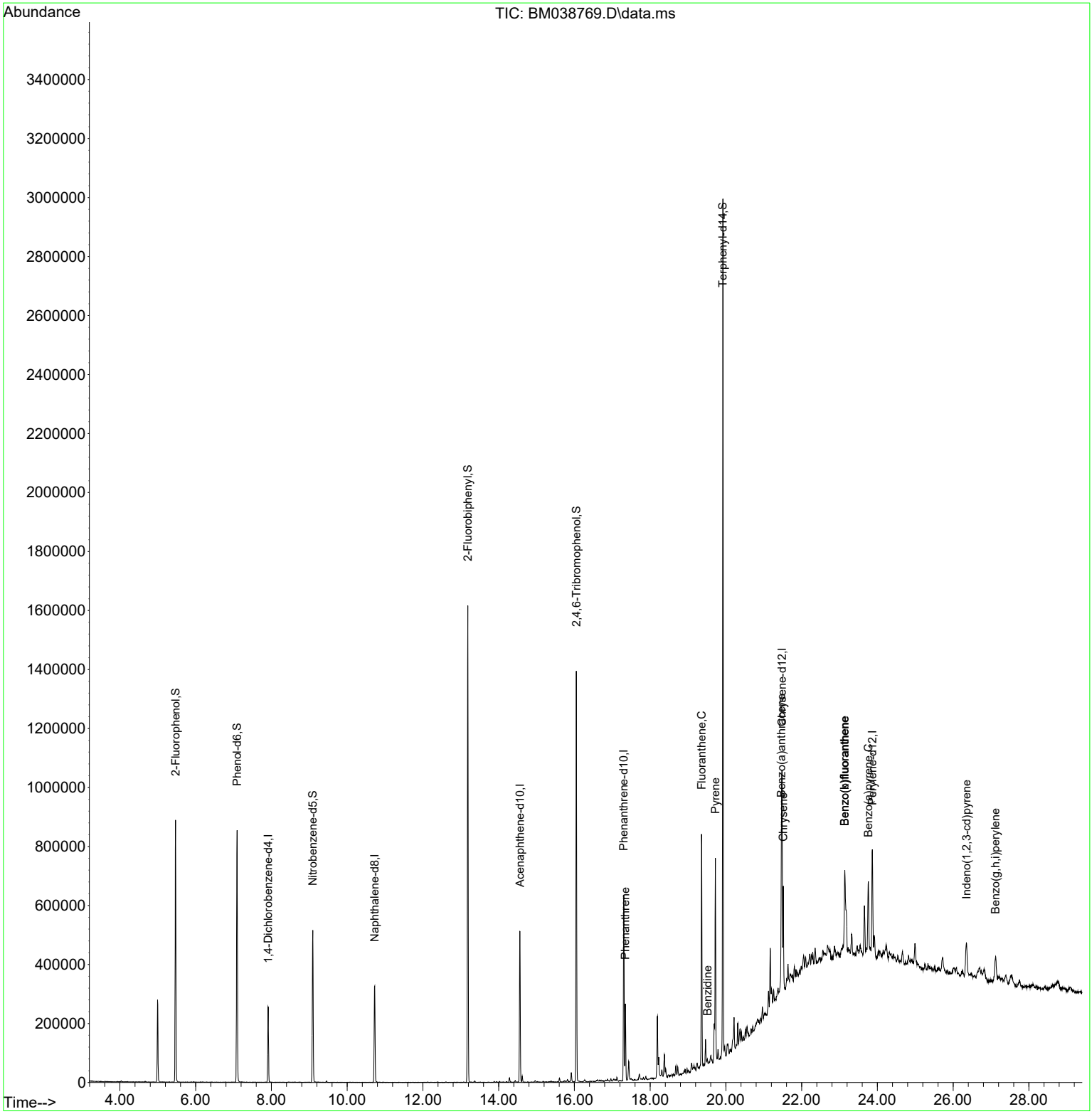
(#) = qualifier out of range (m) = manual integration (+) = signals summed

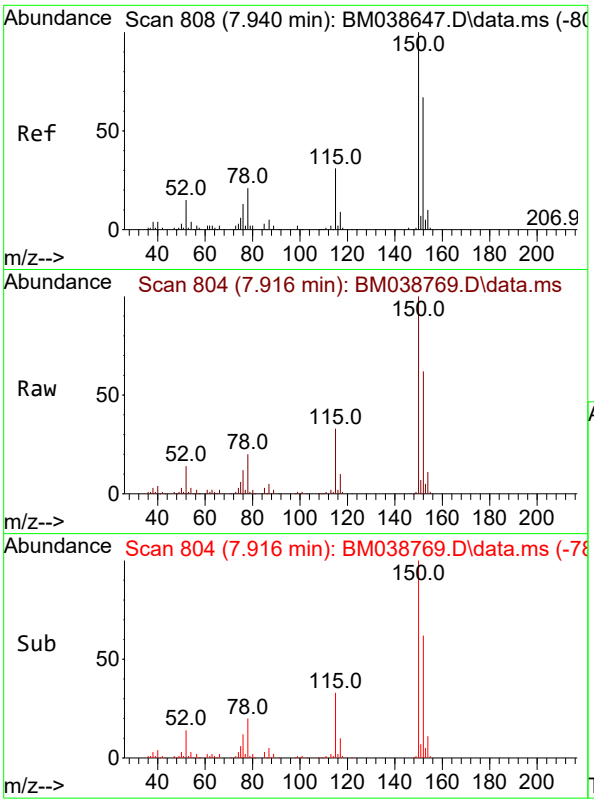
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
Data File : BM038769.D
Acq On : 16 Feb 2023 22:34
Operator : CG/JU
Sample : 01552-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Quant Time: Feb 17 06:13:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 06:10:11 2023
Response via : Initial Calibration



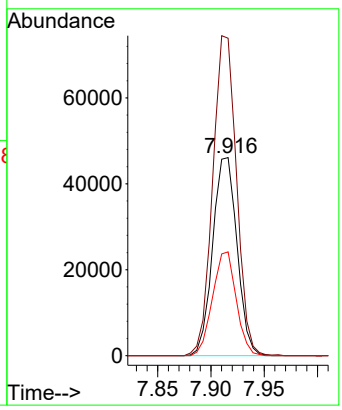


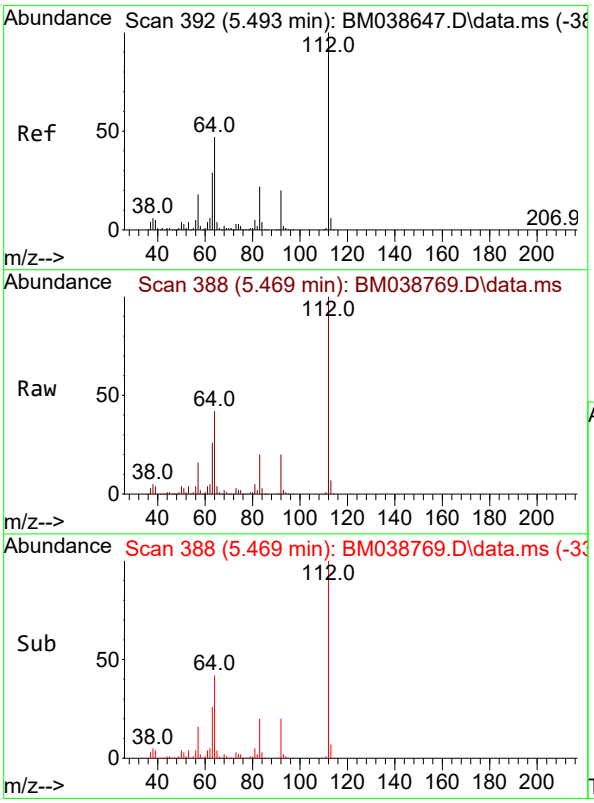
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:152 Resp: 73235

Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	52.4	37.6	56.4

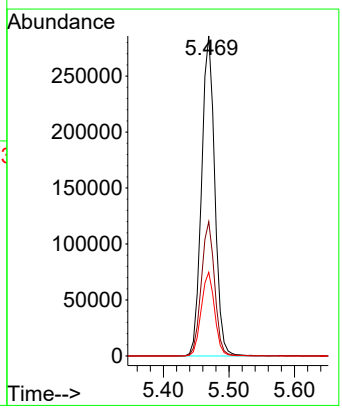


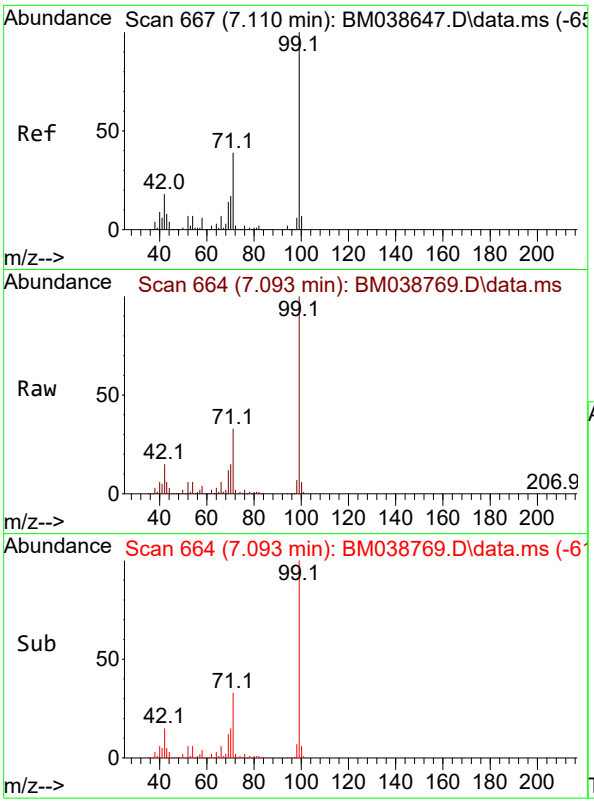


#5
2-Fluorophenol
Concen: 107.548 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:112 Resp: 402075

Ion	Ratio	Lower	Upper
112	100		
64	42.0	37.9	56.9
63	26.2	23.3	34.9



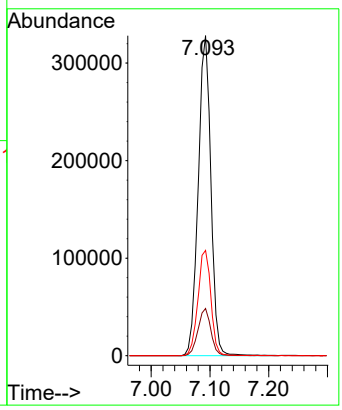


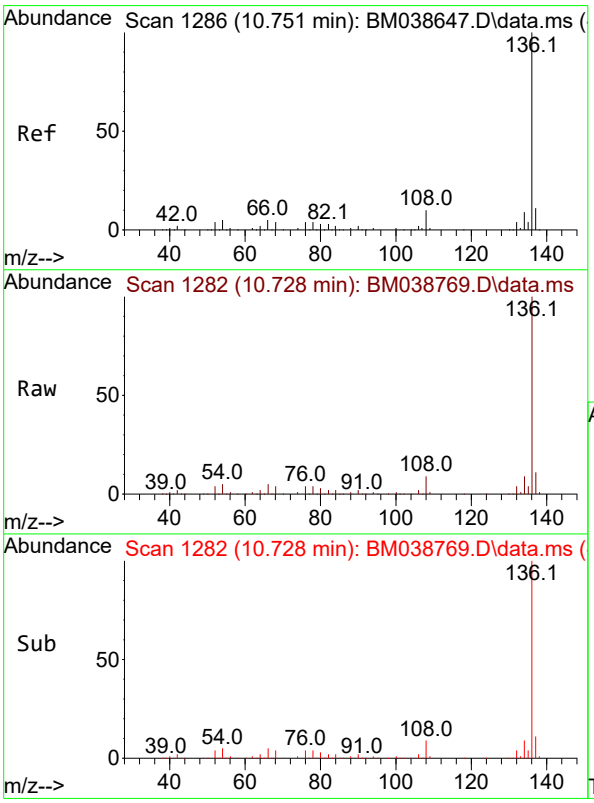
#7
Phenol-d6
Concen: 114.892 ng
RT: 7.093 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion: 99 Resp: 489891

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.6	22.0
71	32.9	31.0	46.4

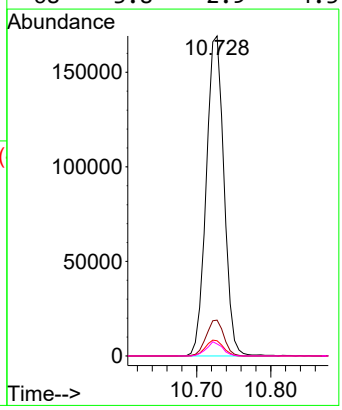


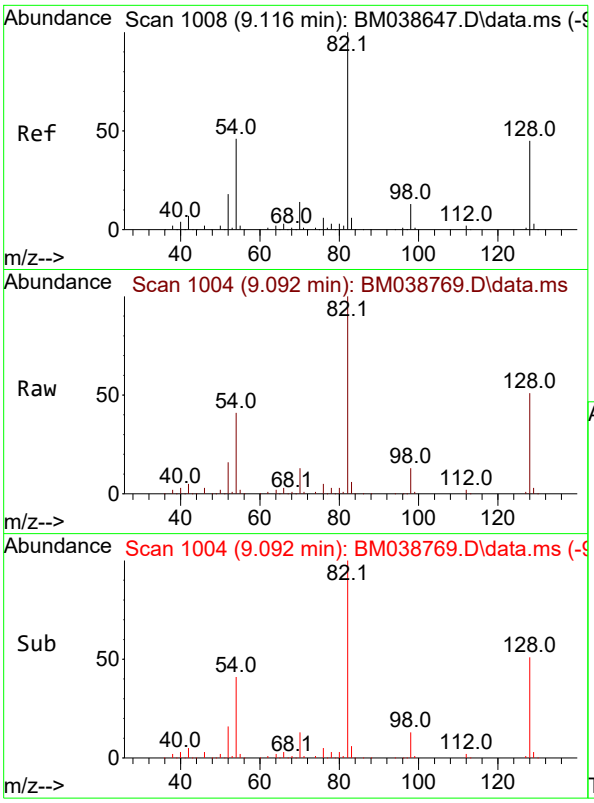


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:136 Resp: 281044

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.7	4.2	6.4
68	3.8	2.9	4.3



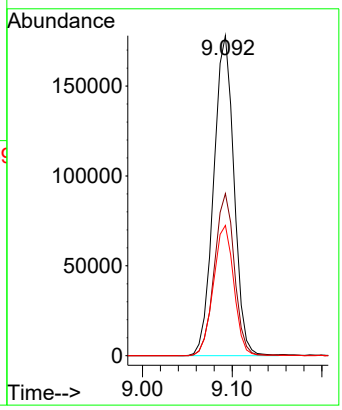


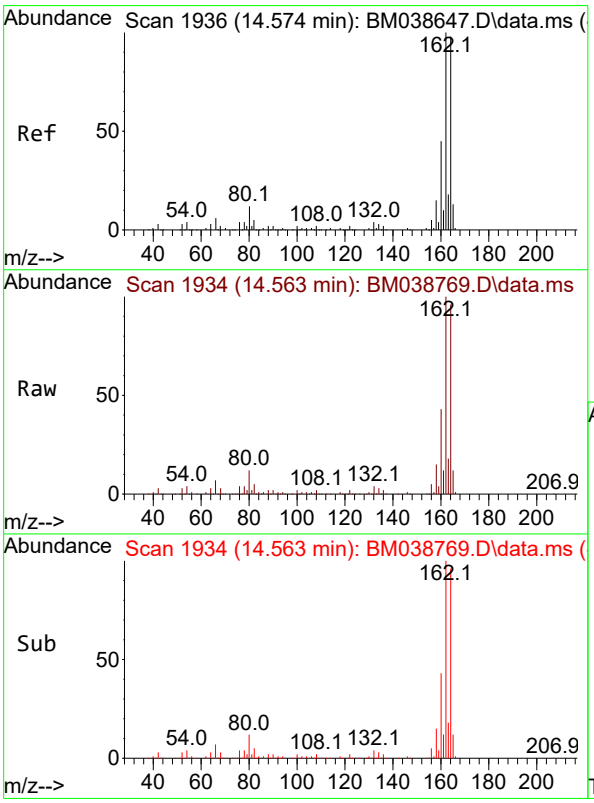
#23
Nitrobenzene-d5
Concen: 56.621 ng
RT: 9.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion: 82 Resp: 280158

Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.0	54.0
54	40.7	36.8	55.2

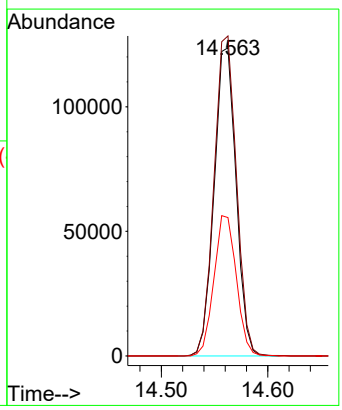


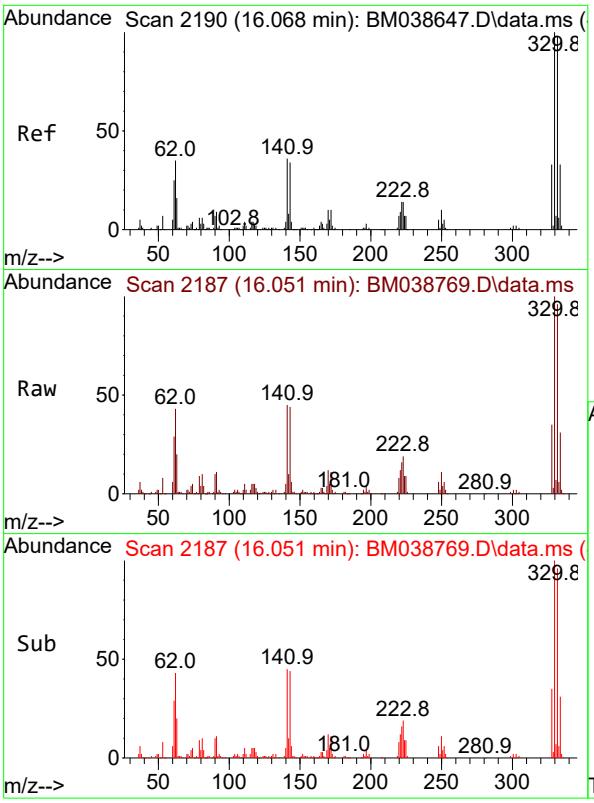


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:164 Resp: 177043

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.0
160	44.9	36.5	54.7



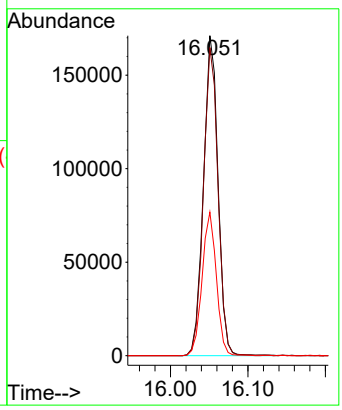


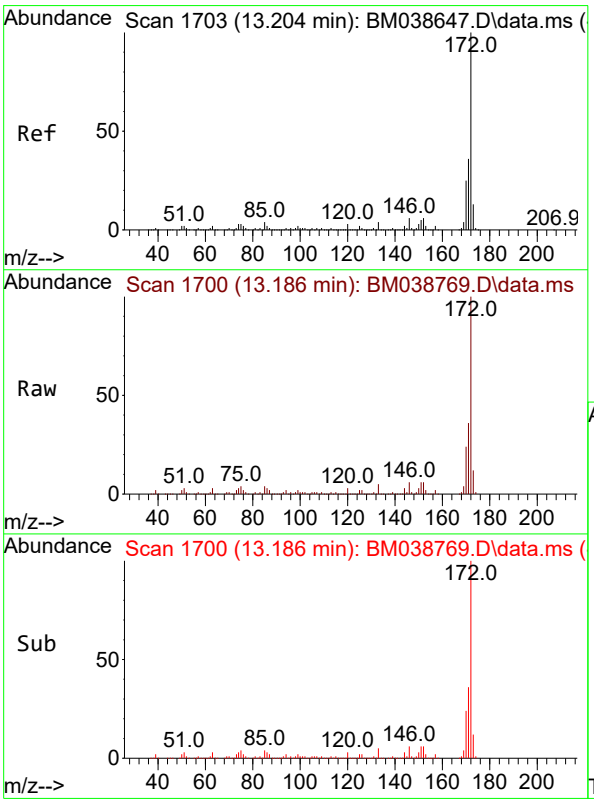
#42
2,4,6-Tribromophenol
Concen: 92.930 ng
RT: 16.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:330 Resp: 223626

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	43.9	31.0	46.6

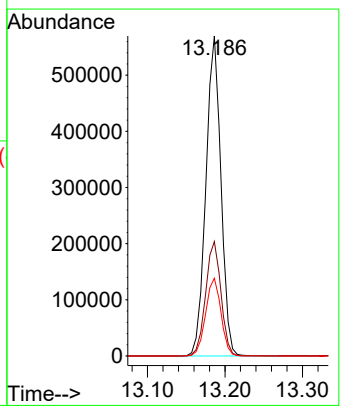


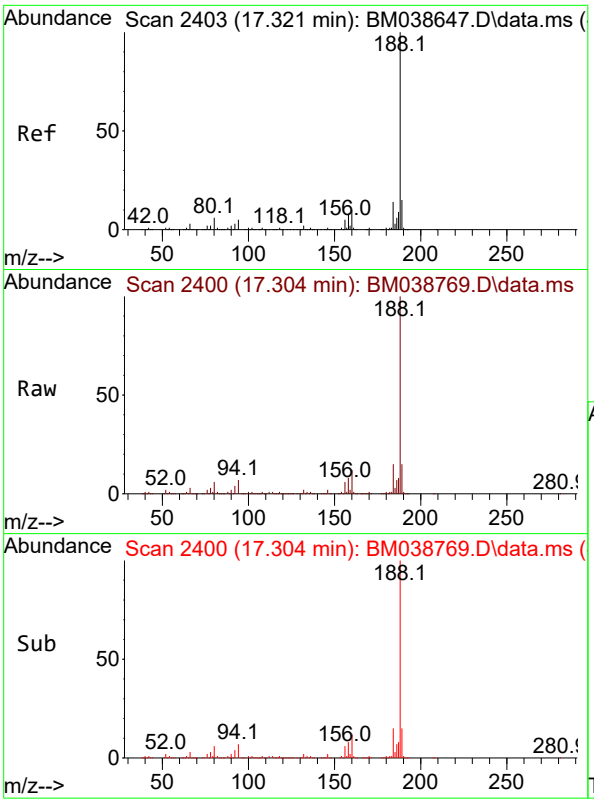


#45
2-Fluorobiphenyl
Concen: 55.185 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:172 Resp: 767431

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	24.3	20.0	30.0



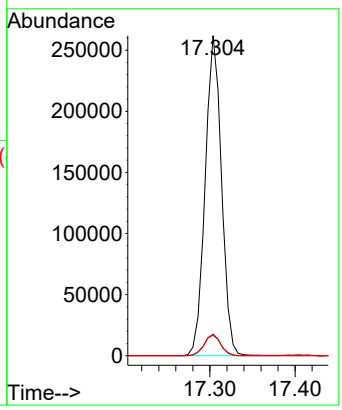


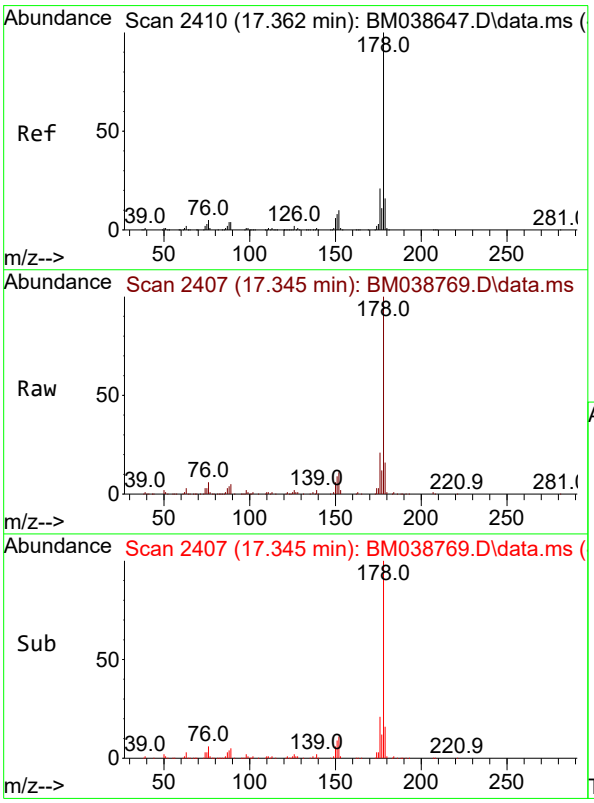
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:188 Resp: 348355

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.4#
80	6.4	4.6	7.0

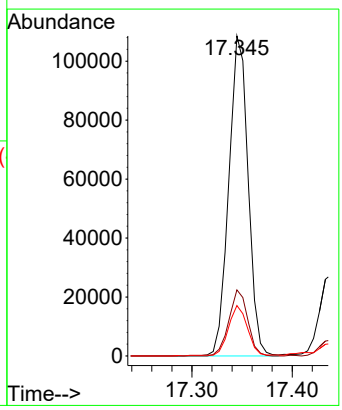


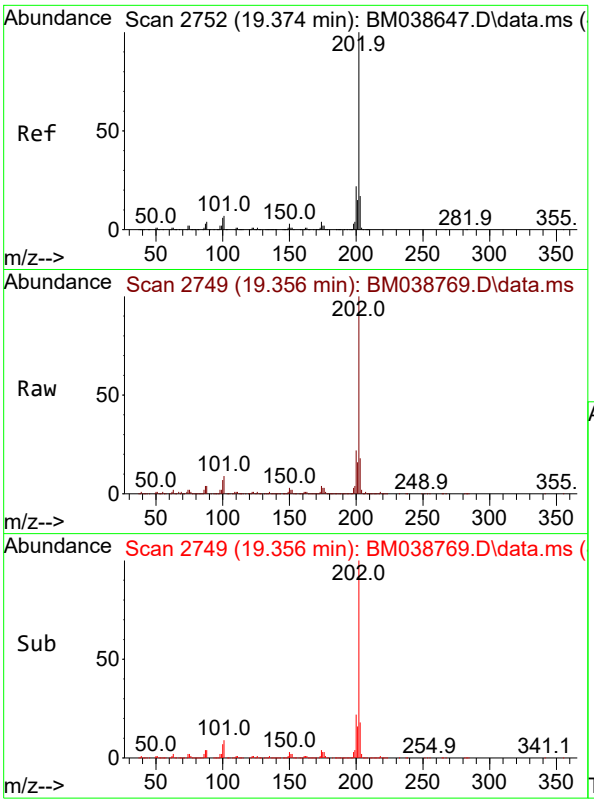


#71
Phenanthrene
Concen: 7.020 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:178 Resp: 145202

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.7	25.1
179	15.8	12.5	18.7



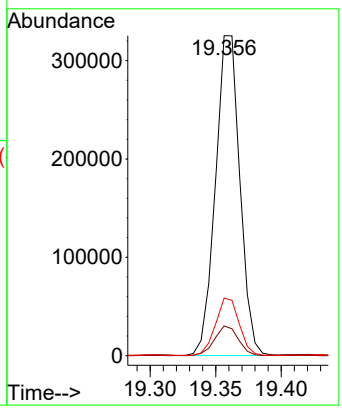


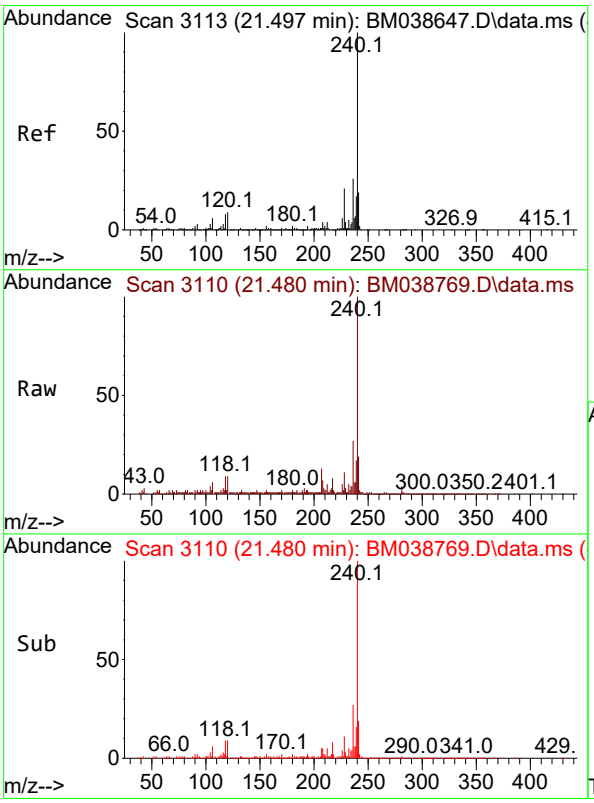
#75
Fluoranthene
Concen: 19.393 ng
RT: 19.356 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:202 Resp: 421162

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	27.4
203	18.0	0.0	37.3

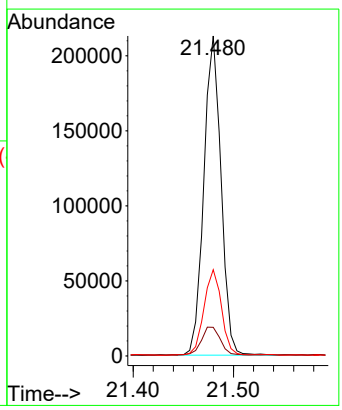


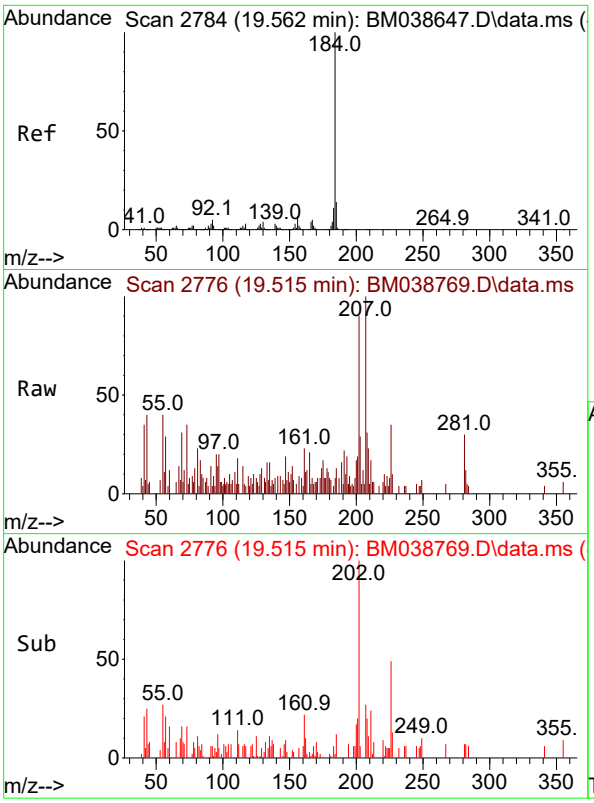


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:240 Resp: 253526

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.4
236	27.0	20.9	31.3



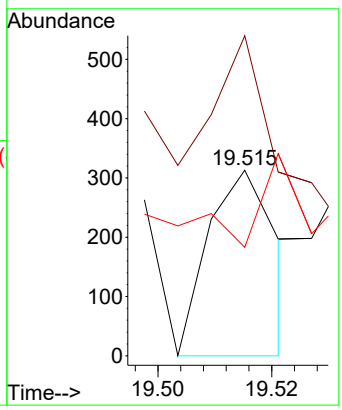


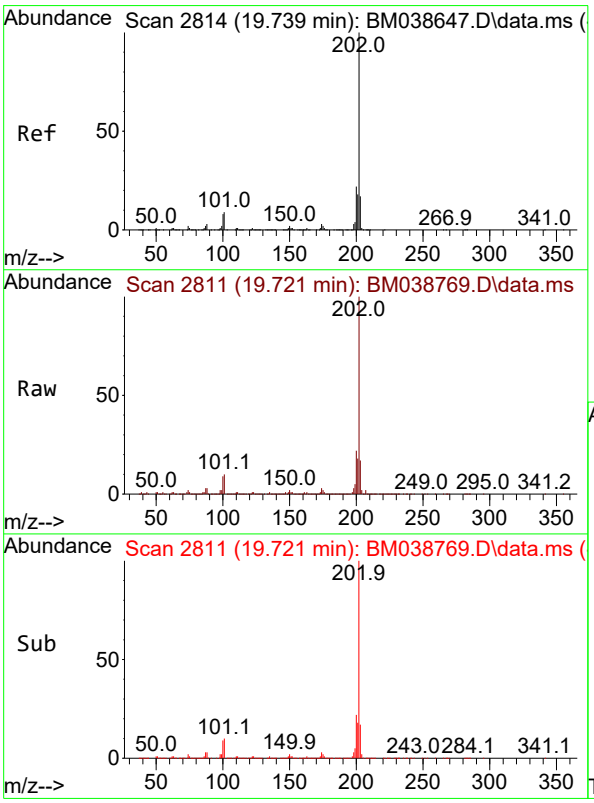
#77
Benzidine
Concen: 3.146 ng
RT: 19.515 min Scan# 2
Delta R.T. -0.035 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:184 Resp: 261

Ion	Ratio	Lower	Upper
184	100		
185	172.5	10.8	16.2#
183	58.5	8.8	13.2#

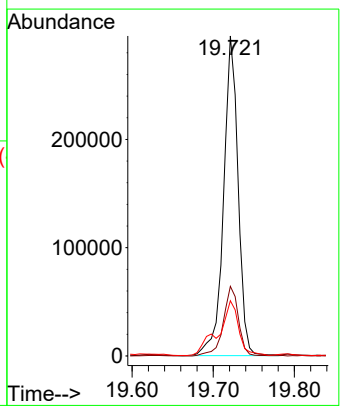


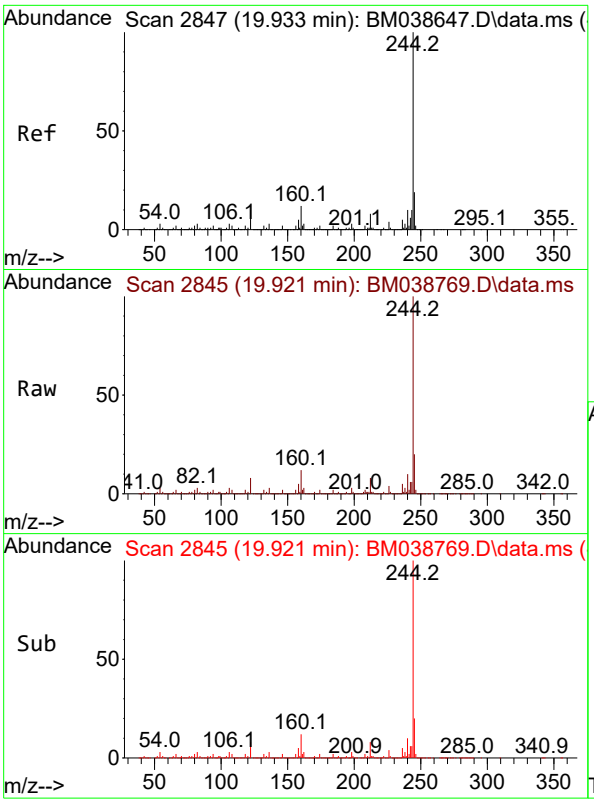


#78
Pyrene
Concen: 18.886 ng
RT: 19.721 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:202 Resp: 368645

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.3	13.5	20.3



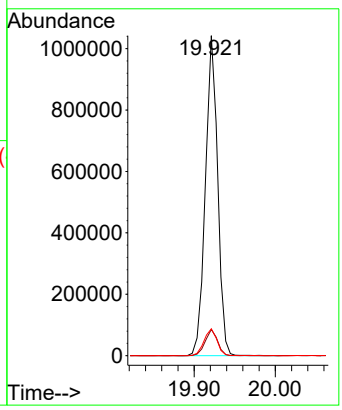


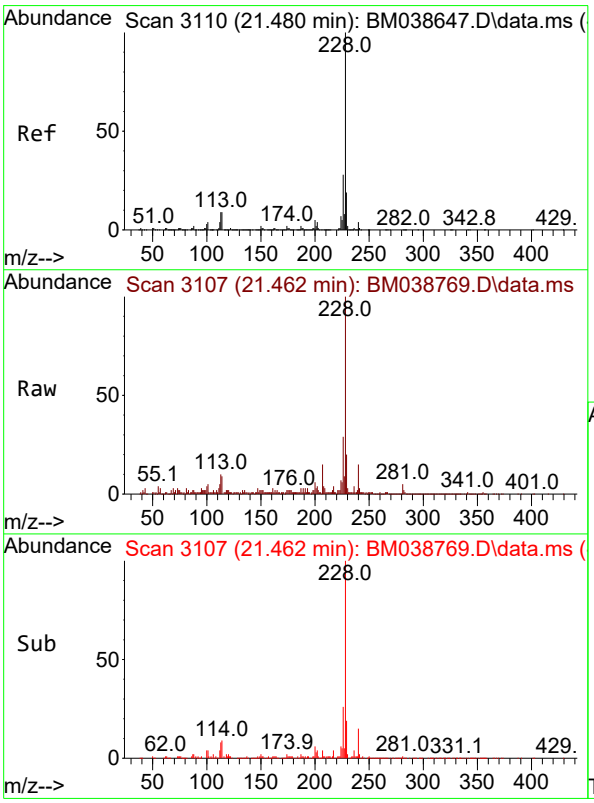
#79
Terphenyl-d14
Concen: 75.873 ng
RT: 19.921 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:244 Resp: 1090050

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	8.4	7.8	11.8

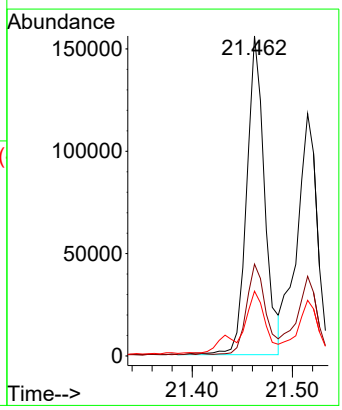


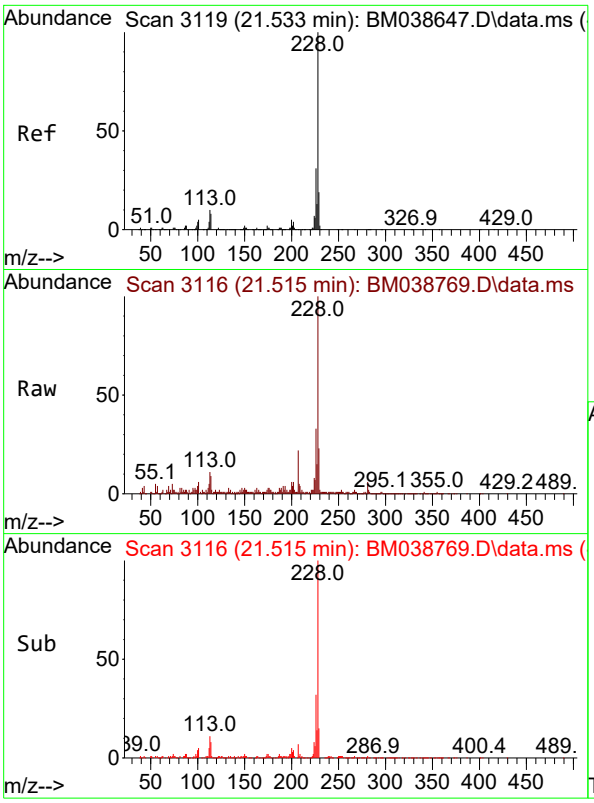


#81
Benzo(a)anthracene
Concen: 10.786 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:228 Resp: 193434

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.4
229	20.3	15.5	23.3



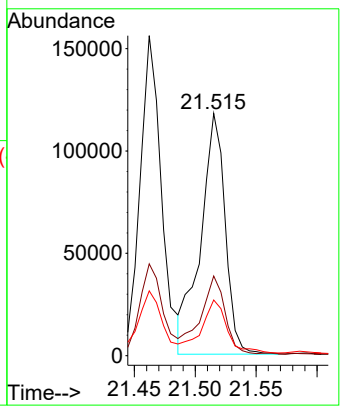


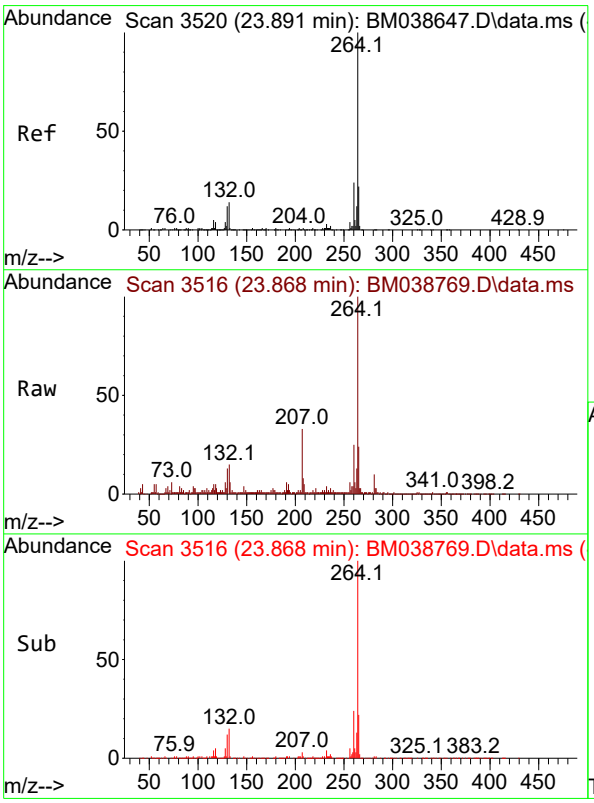
#83
Chrysene
Concen: 9.572 ng
RT: 21.515 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:228 Resp: 165402

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.7	37.1
229	23.0	15.5	23.3

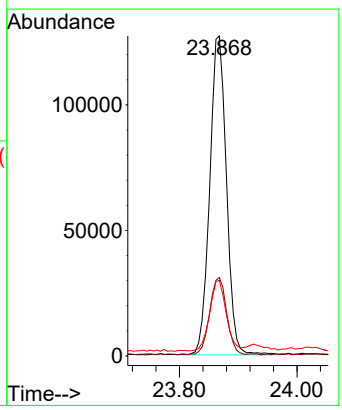


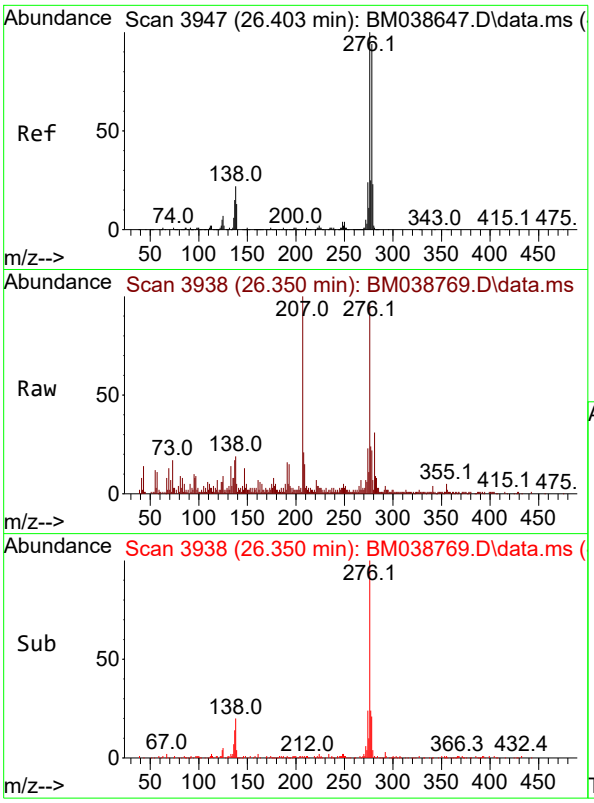


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3516
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:264 Resp: 251073

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	23.7	17.9	26.9



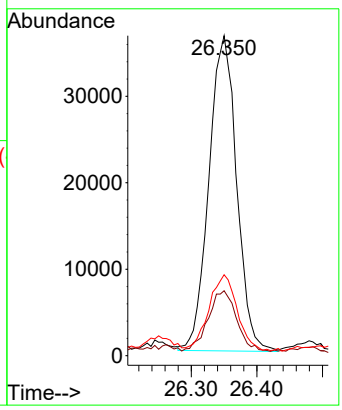


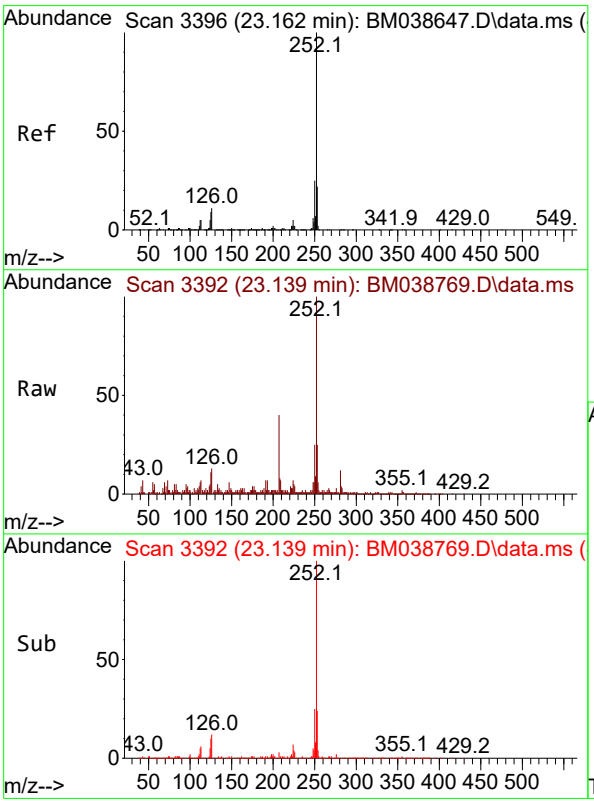
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.419 ng
RT: 26.350 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:276 Resp: 107167

Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.2	25.8
277	24.4	20.2	30.4

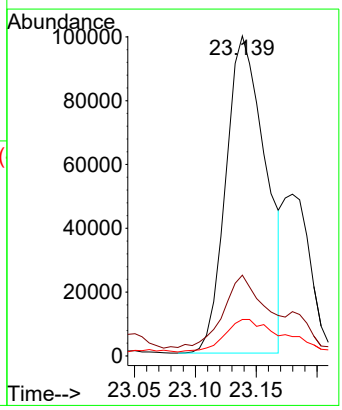


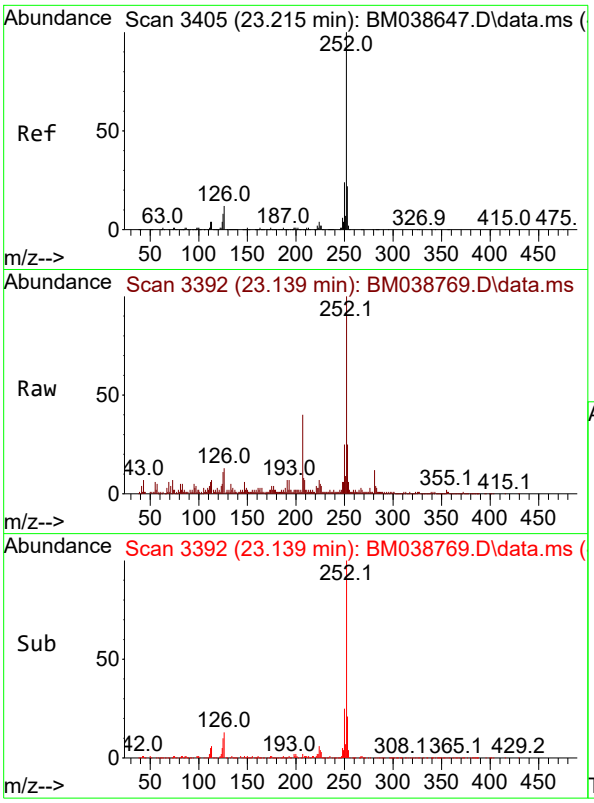


#88
Benzo(b)fluoranthene
Concen: 15.020 ng
RT: 23.139 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:252 Resp: 225871

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	11.4	7.0	10.6#



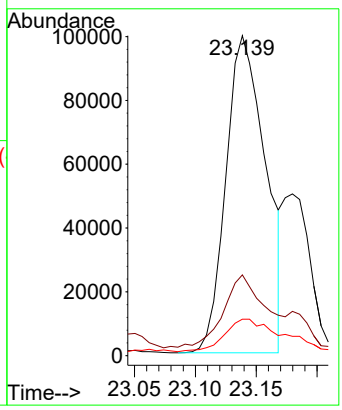


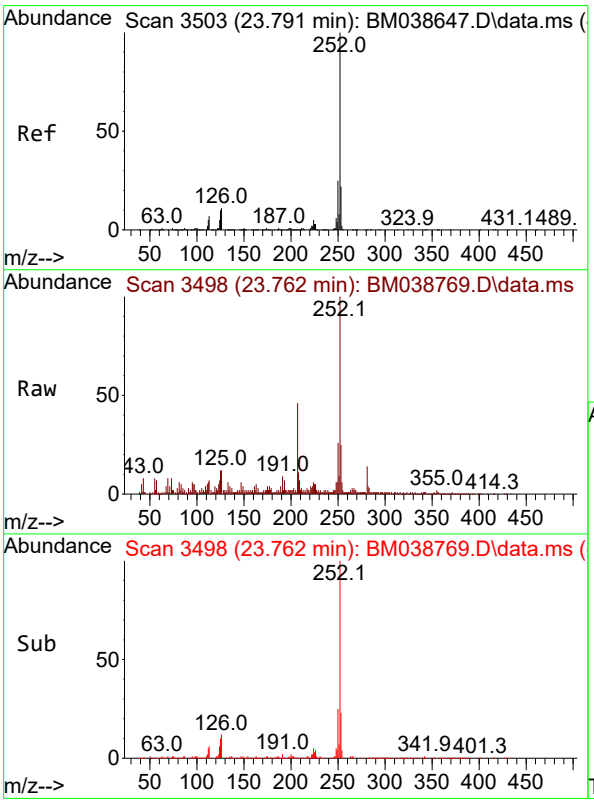
#89
Benzo(k)fluoranthene
Concen: 14.791 ng
RT: 23.139 min Scan# 3
Delta R.T. -0.047 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:252 Resp: 225871

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	11.4	6.6	9.8#

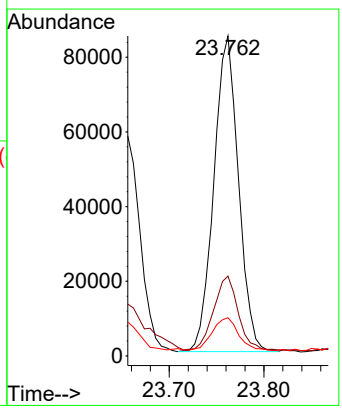


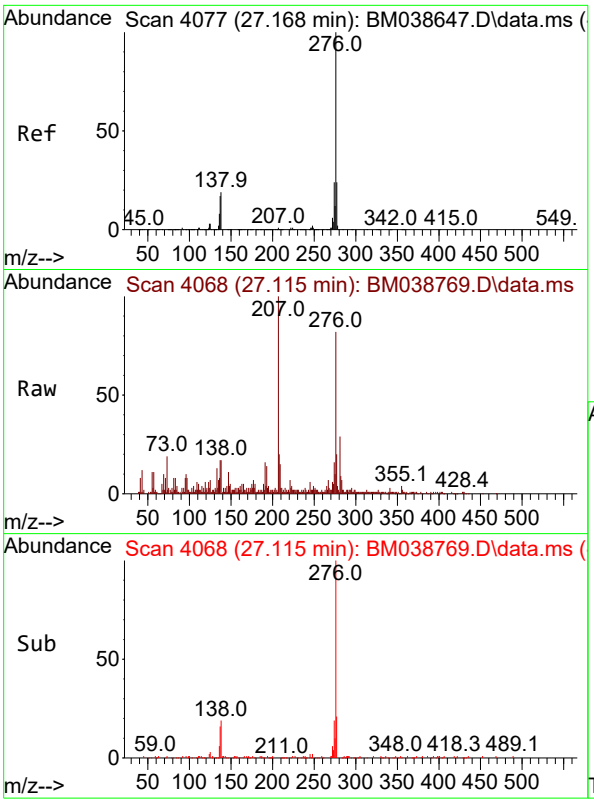


#90
Benzo(a)pyrene
Concen: 10.274 ng
RT: 23.762 min Scan# 3498
Delta R.T. -0.000 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Tgt Ion:252 Resp: 152798

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.7	26.5
125	12.0	7.8	11.8#





#92
Benzo(g,h,i)perylene
Concen: 5.951 ng
RT: 27.115 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM038769.D
Acq: 16 Feb 2023 22:34

Instrument :
BNA_M
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:276 Resp: 100096

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.1	28.7
138	21.0	15.3	22.9