Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Time: Feb 17 23:23:48 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 23:12:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	61095	20.000	ng	-0.03
21) Naphthalene-d8	10.698	136	239810	20.000	ng	-0.02
39) Acenaphthene-d10	14.539	164	169314	20.000	ng	-0.02
64) Phenanthrene-d10	17.286	188	333840	20.000	ng	#-0.02
76) Chrysene-d12	21.474	240	302447	20.000	ng	-0.02
86) Perylene-d12	23.868	264	259848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	353619	113.382	ng	-0.02
7) Phenol-d6	7.063	99	440789	123.918	ng	-0.02
23) Nitrobenzene-d5	9.063	82	267055	63.254	ng	-0.03
42) 2,4,6-Tribromophenol	16.033	330	268200	116.540	ng	-0.02
45) 2-Fluorobiphenyl	13.157	172	781223	58.741	ng	-0.03
79) Terphenyl-d14	19.909	244	1405912	82.030	ng	-0.02
Target Compounds						Qvalue
3) Pyridine	3.740	79	22228	6.799	ng	# 41
18) Hexachloroethane	8.986	117	18256	12.882	ng	# 7
31) Naphthalene	10.745	128	129926	10.558	ng	95
37) 2-Methylnaphthalene	12.357	142	68367	6.875	ng	# 50
38) 1-Methylnaphthalene	12.580	142	54585	5.825	ng	# 98
46) 1,1'-Biphenyl	13.369	154	28159	2.100	ng	97
48) 2-Nitroaniline	13.663	65	1709	2.856	ng	# 11
49) Acenaphthylene	14.263	152	307531	18.500	ng	99
52) Acenaphthene	14.598	154	53194	5.359	ng	99
55) Dibenzofuran	14.933	168	75180	4.399	ng	97
58) Fluorene	15.586	166	169196	12.511	ng	100
71) Phenanthrene	17.339	178	3131155	157.960	ng	99
72) Anthracene	17.421	178	447598	22.072	ng	99
73) Carbazole	17.698	167	165403	8.746	ng	97
75) Fluoranthene	19.356	202	3642010	174.991	ng	98
77) Benzidine	19.539	184	232	3.138	ng	# 1
78) Pyrene	19.715	202	3498852	150.258	ng	98
81) Benzo(a)anthracene	21.462	228	1278919	59.779	ng	97
83) Chrysene	21.515	228	1147008	55.644	ng	97
84) Bis(2-ethylhexyl)phtha...	21.368	149	28417	3.128	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.356	276	532608	26.022	ng	96
88) Benzo(b)fluoranthene	23.144	252	1218624	78.298	ng	97
89) Benzo(k)fluoranthene	23.144	252	1218624	77.105	ng	97
90) Benzo(a)pyrene	23.762	252	850672	55.269	ng	98
91) Dibenzo(a,h)anthracene	26.356	278	152132	8.835	ng	# 83
92) Benzo(g,h,i)perylene	27.121	276	525565	30.194	ng	97

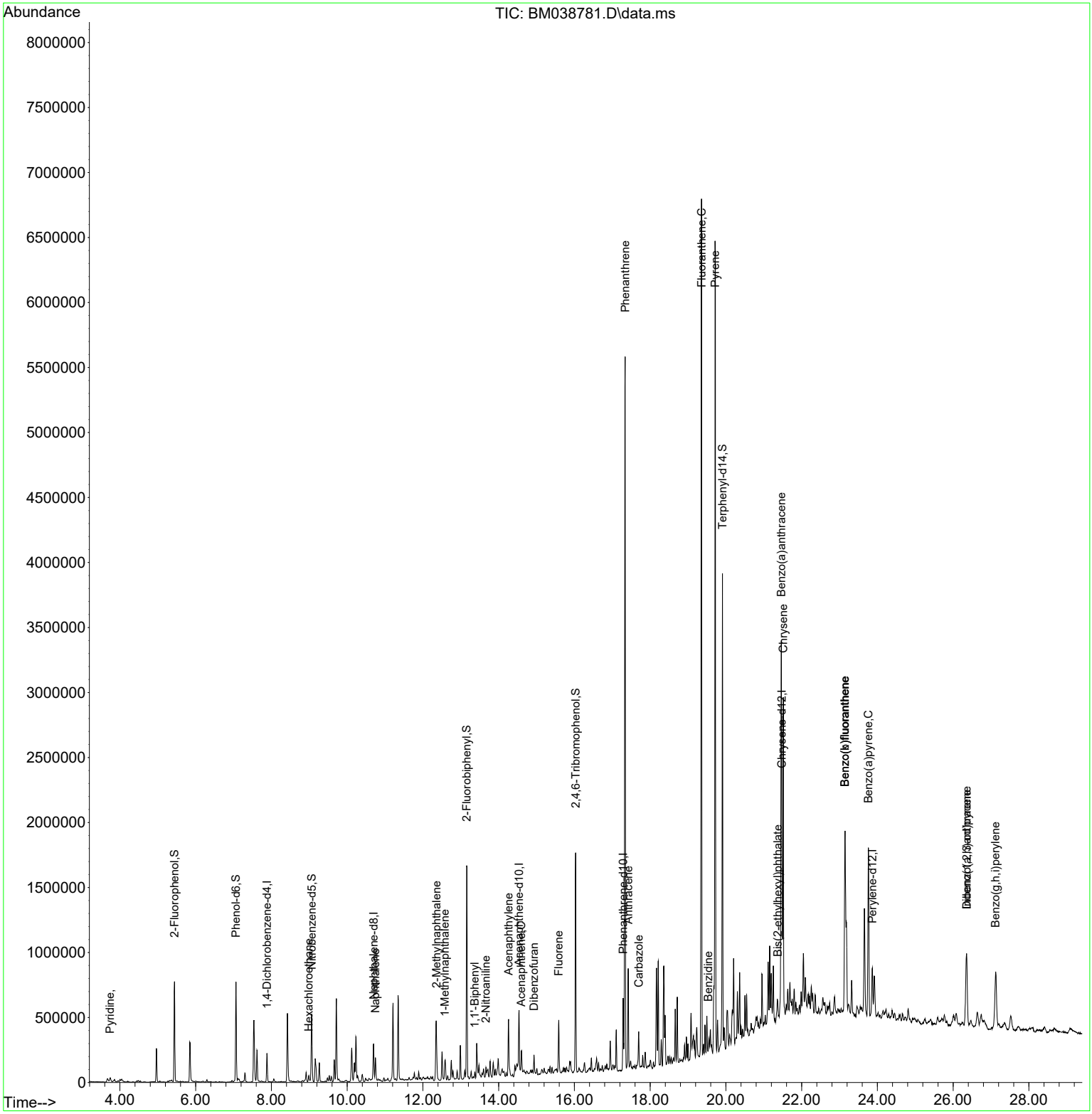
(#) = qualifier out of range (m) = manual integration (+) = signals summed

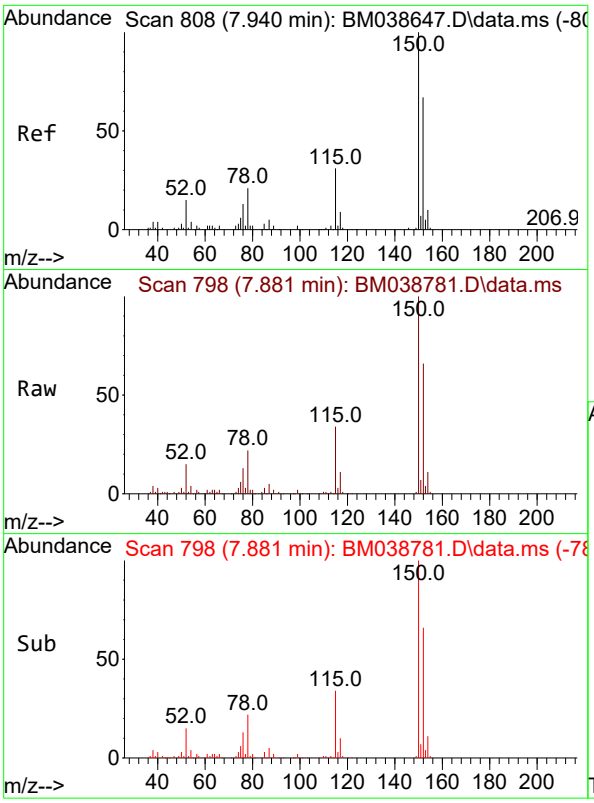
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038781.D
Acq On : 17 Feb 2023 19:14
Operator : CG/JU
Sample : 01552-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Quant Time: Feb 17 23:23:48 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 23:12:31 2023
Response via : Initial Calibration



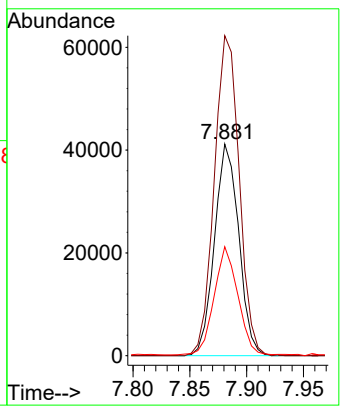


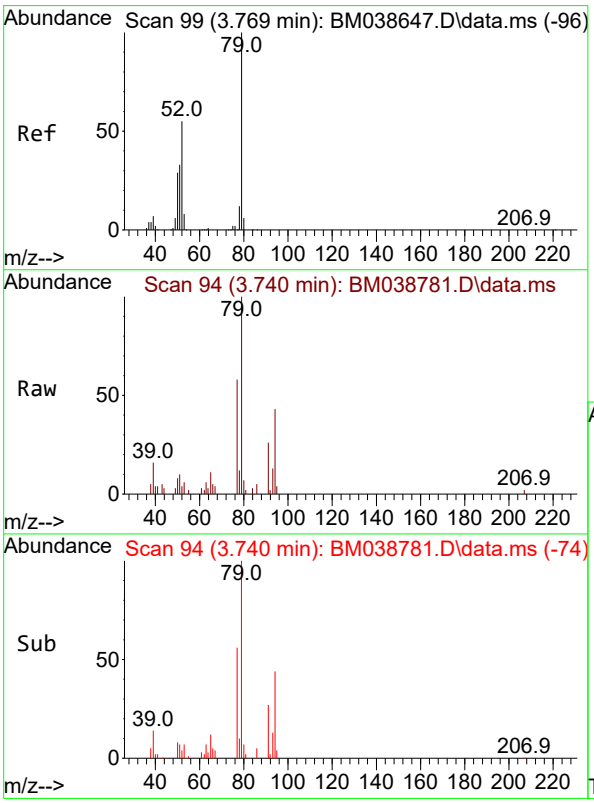
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 7
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:152 Resp: 61095

Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.5	179.3
115	51.4	37.6	56.4

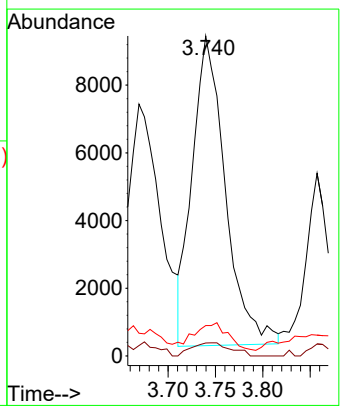


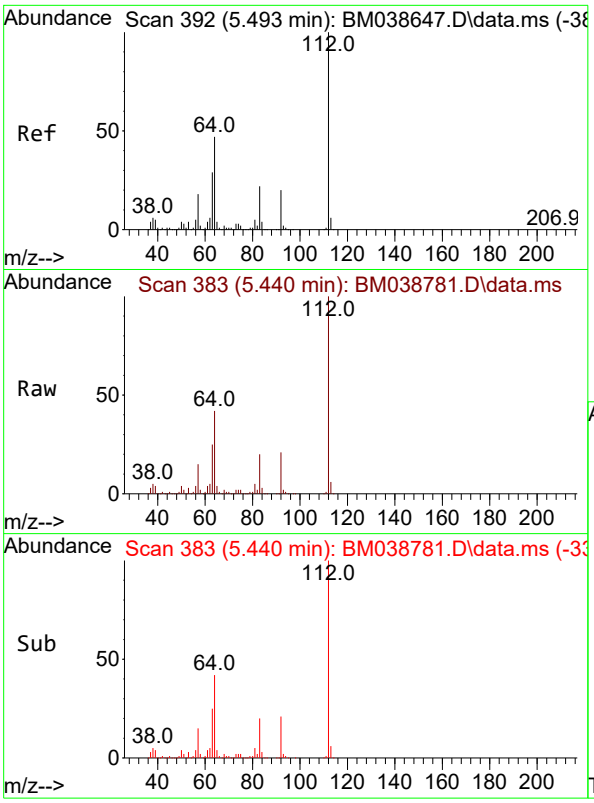


#3
Pyridine
Concen: 6.799 ng
RT: 3.740 min Scan# 94
Delta R.T. 0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion: 79 Resp: 22228

Ion	Ratio	Lower	Upper
79	100		
52	4.1	43.7	65.5#
51	9.5	26.6	40.0#



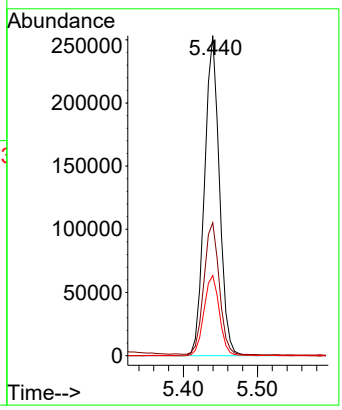


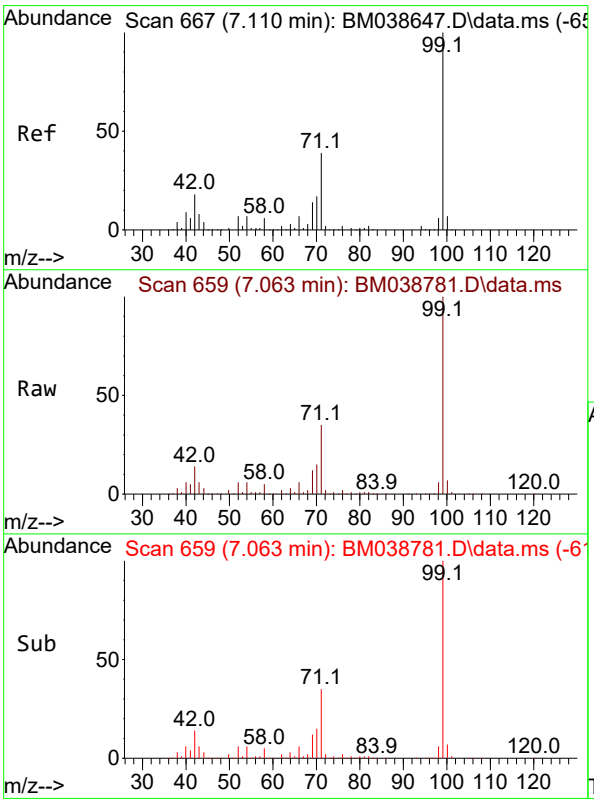
#5
2-Fluorophenol
Concen: 113.382 ng
RT: 5.440 min Scan# 38
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:112 Resp: 353619

Ion	Ratio	Lower	Upper
112	100		
64	41.6	37.9	56.9
63	25.0	23.3	34.9

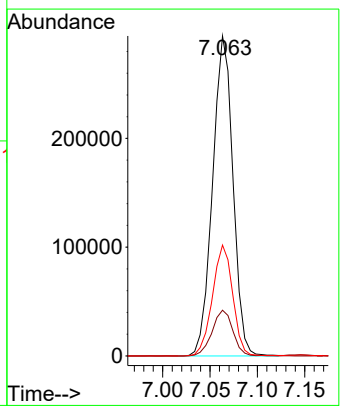


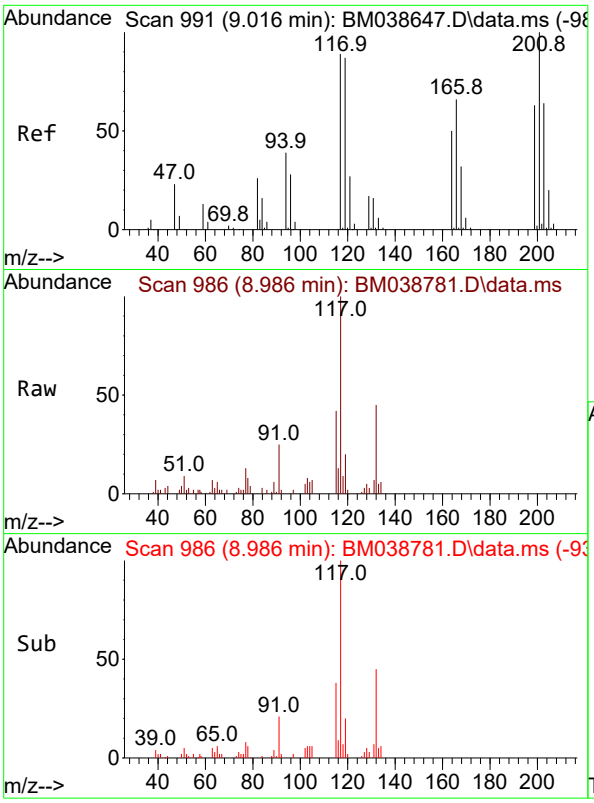


#7
Phenol-d6
Concen: 123.918 ng
RT: 7.063 min Scan# 659
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion: 99 Resp: 440789

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.6	22.0#
71	34.7	31.0	46.4



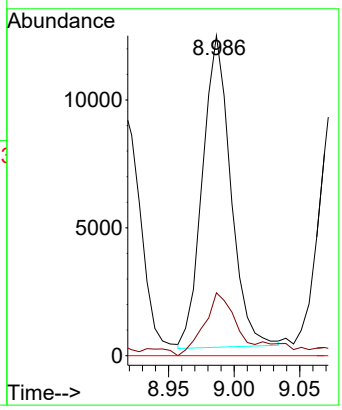


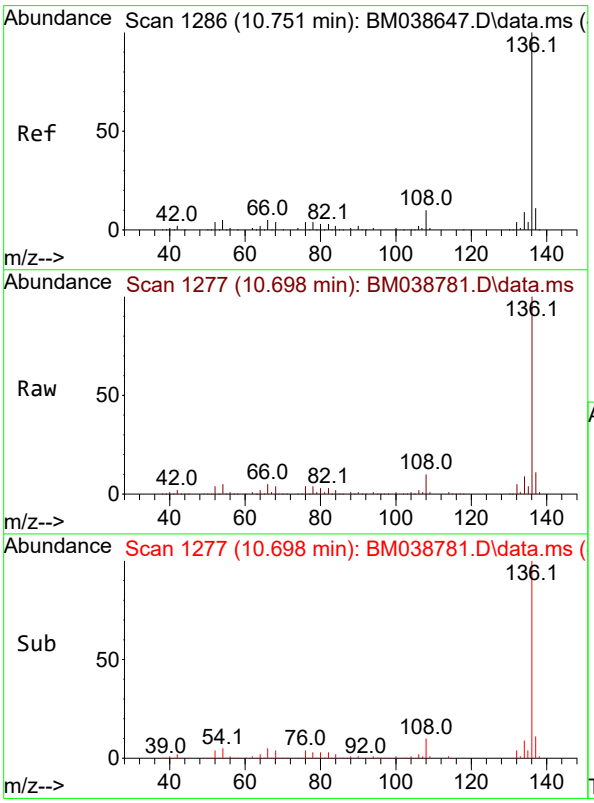
#18
Hexachloroethane
Concen: 12.882 ng
RT: 8.986 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:117 Resp: 18256

Ion	Ratio	Lower	Upper
117	100		
119	19.7	78.6	117.8#
201	0.0	90.2	135.2#

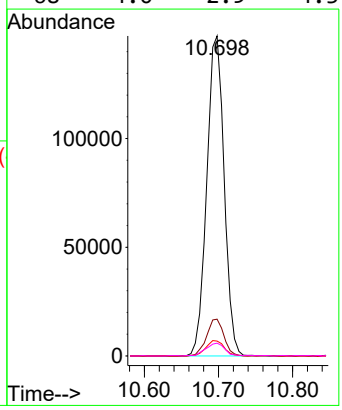


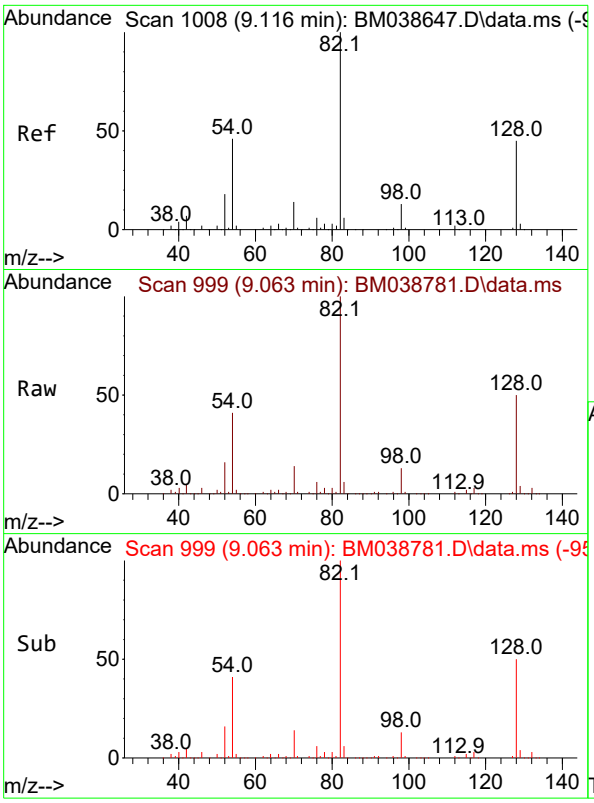


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1277
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:136 Resp: 239810

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	4.6	4.2	6.4
68	4.0	2.9	4.3



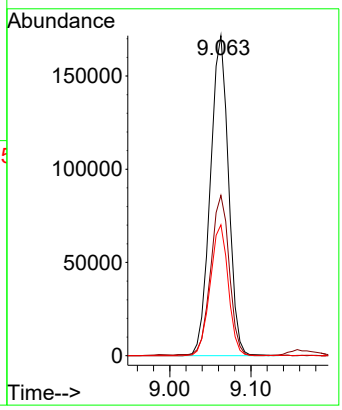


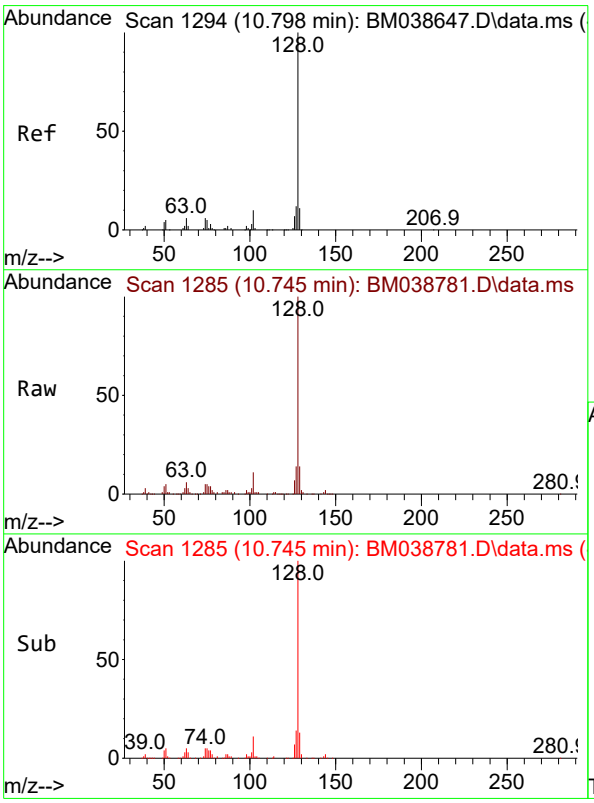
#23
Nitrobenzene-d5
Concen: 63.254 ng
RT: 9.063 min Scan# 9
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion: 82 Resp: 267055

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.0	54.0
54	40.9	36.8	55.2

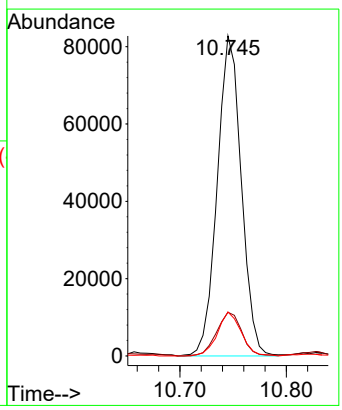


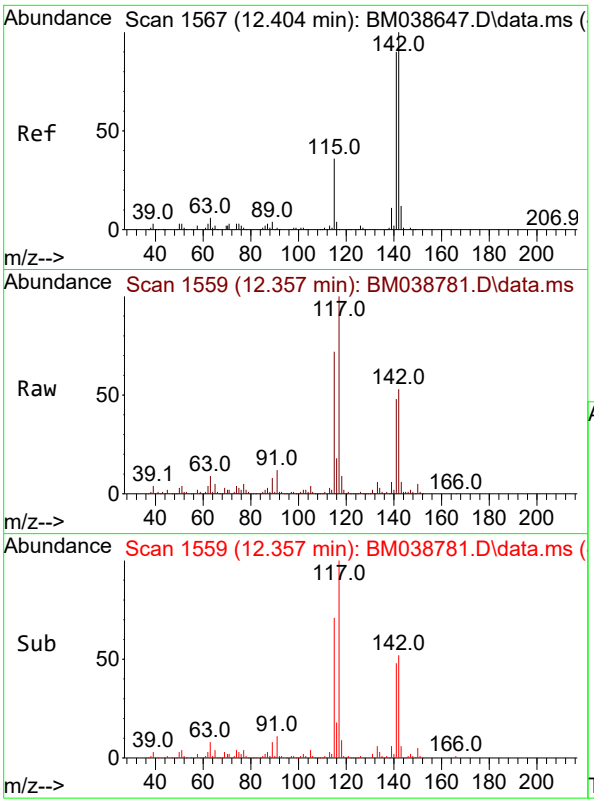


#31
Naphthalene
Concen: 10.558 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:128 Resp: 129926

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.1	13.7
127	13.8	9.9	14.9



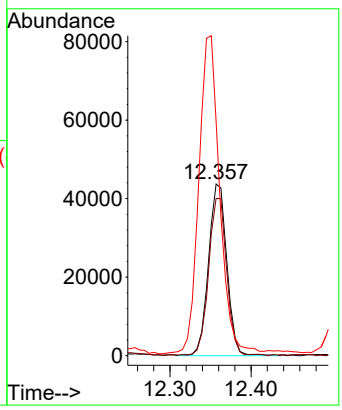


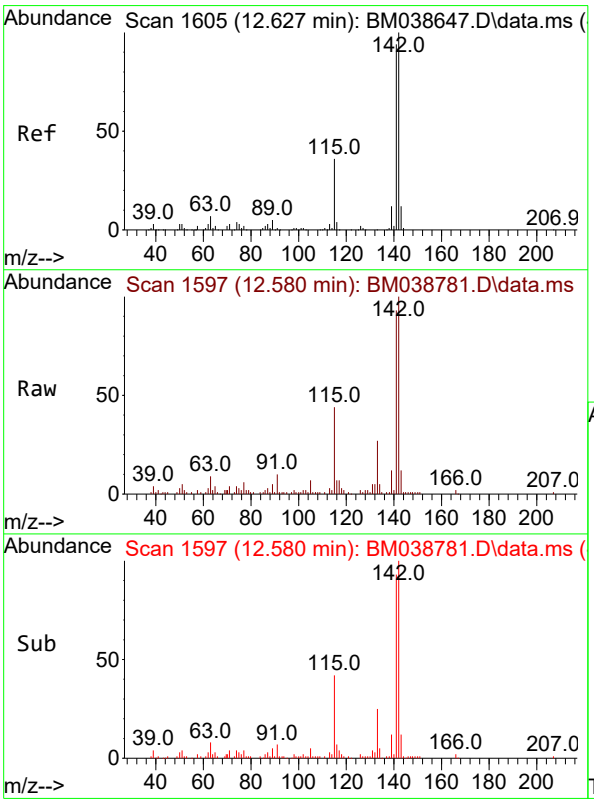
#37
2-Methylnaphthalene
Concen: 6.875 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:142 Resp: 68367

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.8	107.8
115	136.3	28.7	43.1#

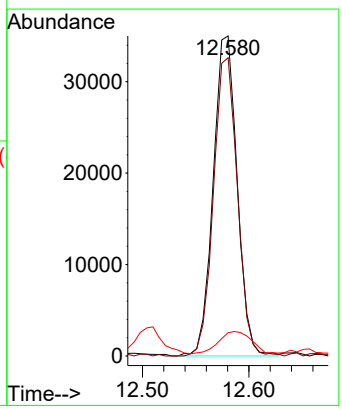


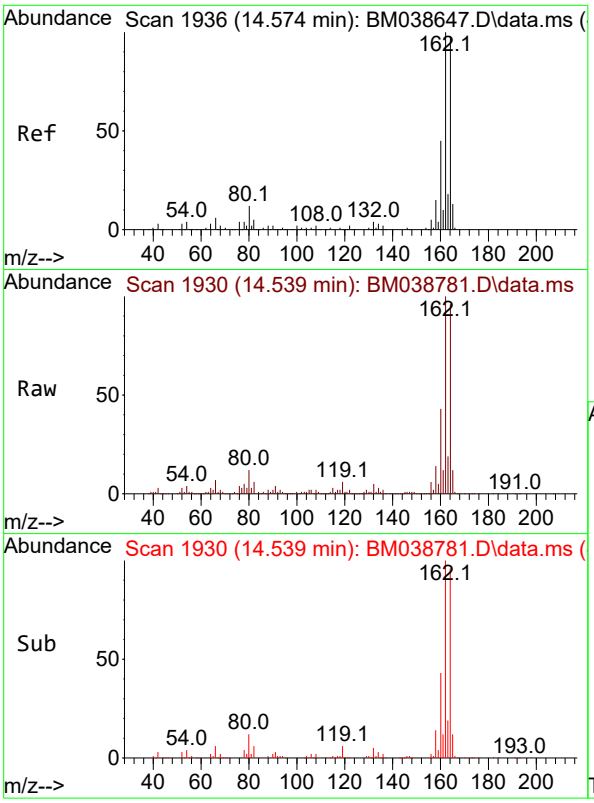


#38
1-Methylnaphthalene
Concen: 5.825 ng
RT: 12.580 min Scan# 1597
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:142 Resp: 54585

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.5	113.3
116	7.3	3.1	4.7#



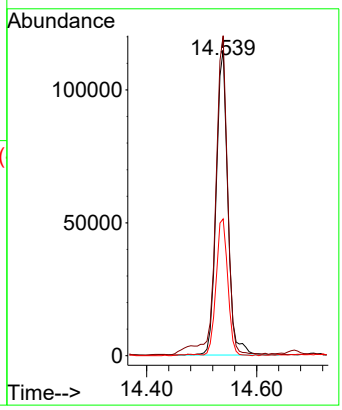


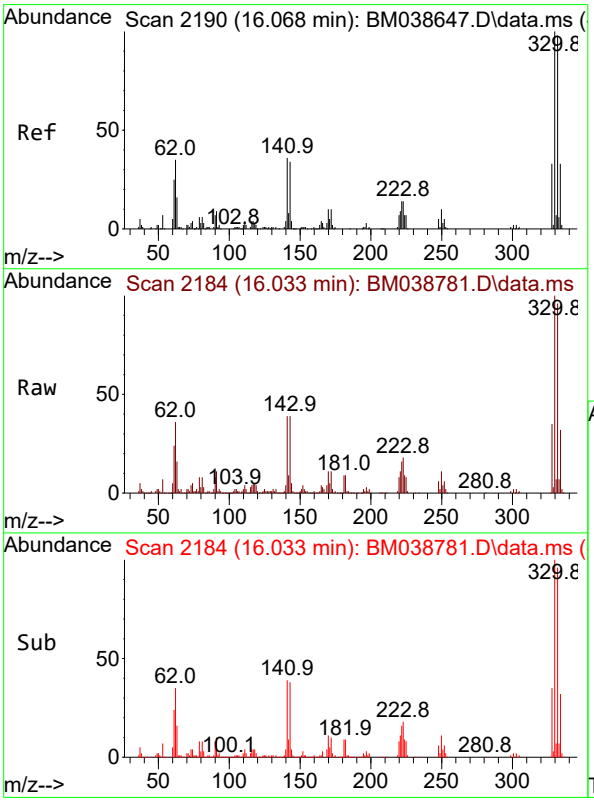
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:164 Resp: 169314

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.4	122.0
160	44.8	36.5	54.7

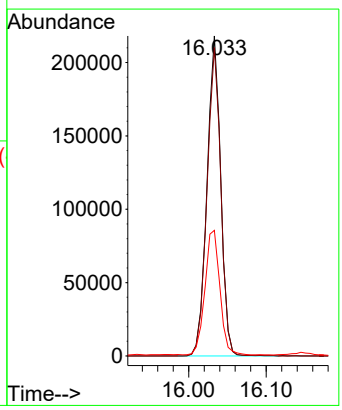


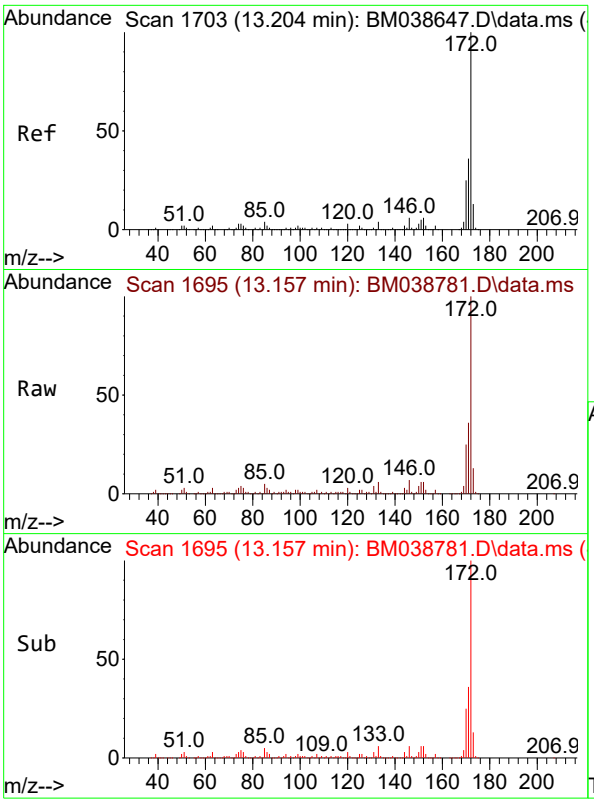


#42
2,4,6-Tribromophenol
Concen: 116.540 ng
RT: 16.033 min Scan# 2184
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:330 Resp: 268200

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	42.4	31.0	46.6



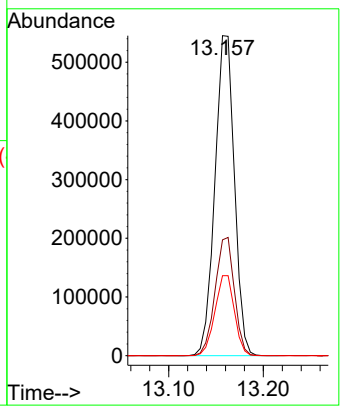


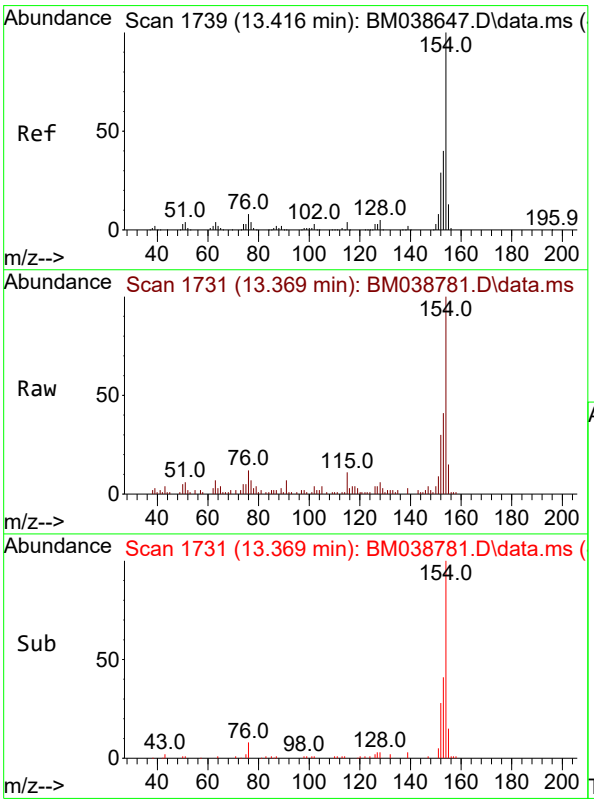
#45
2-Fluorobiphenyl
Concen: 58.741 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:172 Resp: 781223

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	25.0	20.0	30.0

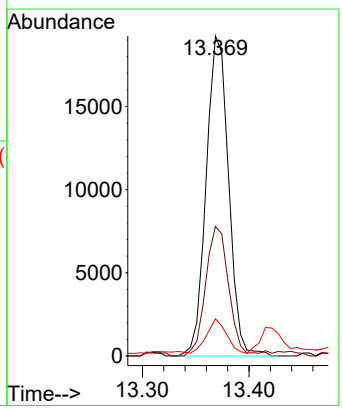


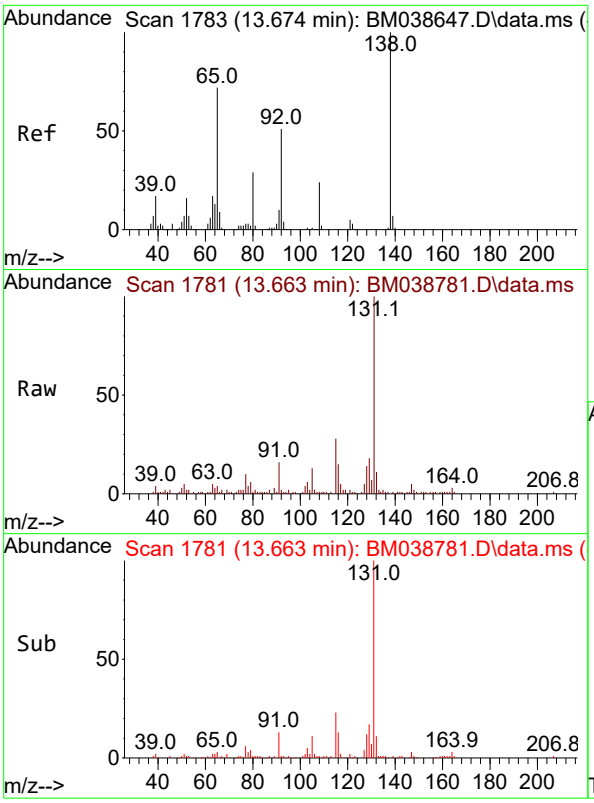


#46
1,1'-Biphenyl
Concen: 2.100 ng
RT: 13.369 min Scan# 1731
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:154 Resp: 28159

Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.9	59.9
76	11.6	0.0	27.9



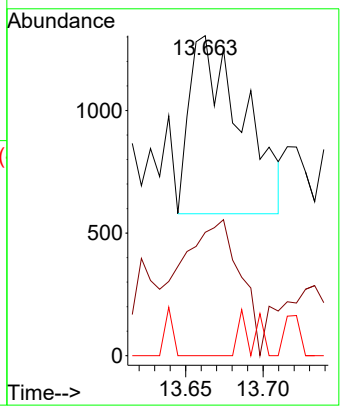


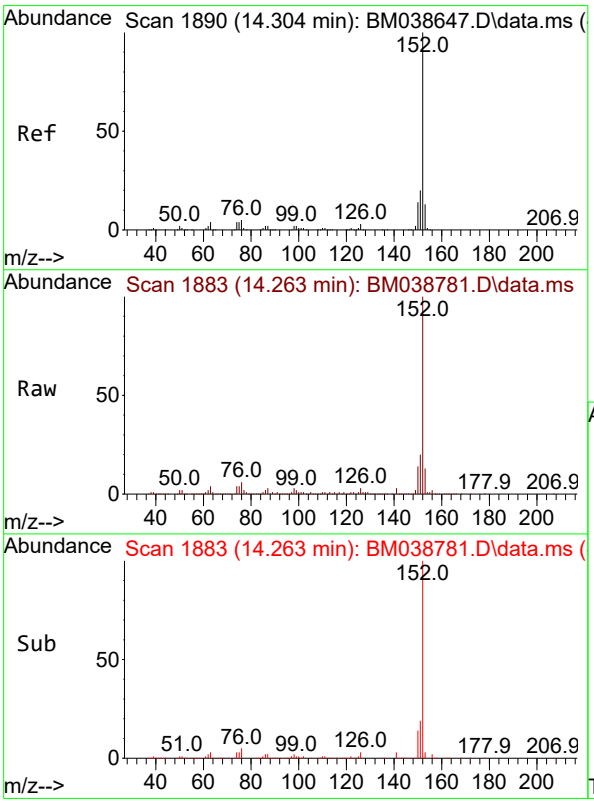
#48
2-Nitroaniline
Concen: 2.856 ng
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion: 65 Resp: 1709

Ion	Ratio	Lower	Upper
65	100		
92	38.5	55.9	83.9#
138	0.0	110.6	166.0#

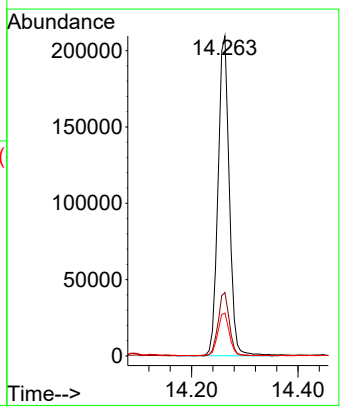


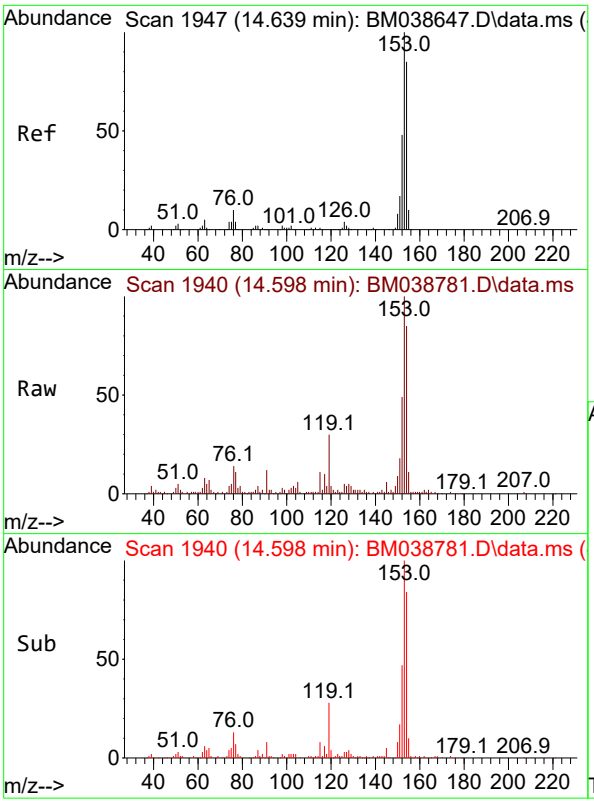


#49
Acenaphthylene
Concen: 18.500 ng
RT: 14.263 min Scan# 1883
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:152 Resp: 307531

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.4	10.0	15.0



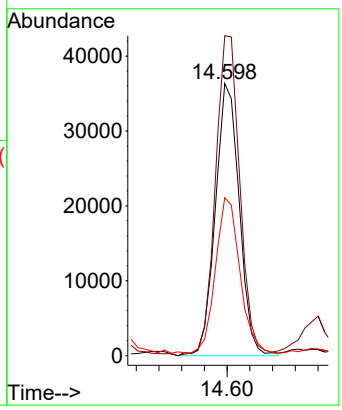


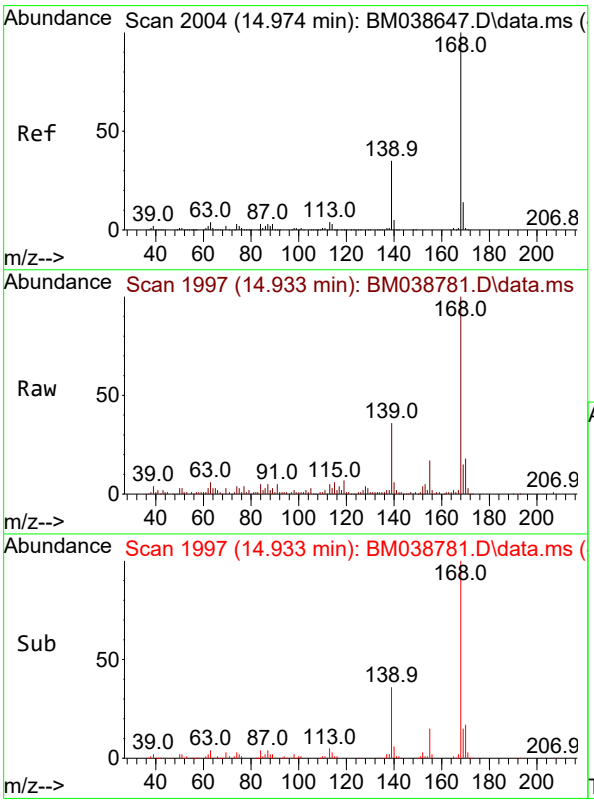
#52
Acenaphthene
Concen: 5.359 ng
RT: 14.598 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:154 Resp: 53194

Ion	Ratio	Lower	Upper
154	100		
153	117.6	93.7	140.5
152	58.1	44.6	67.0

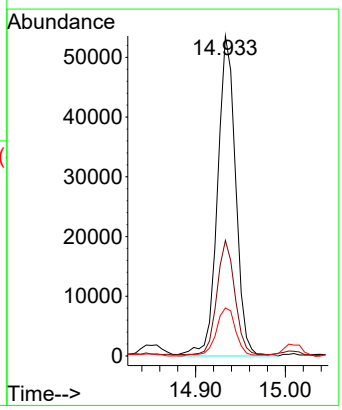


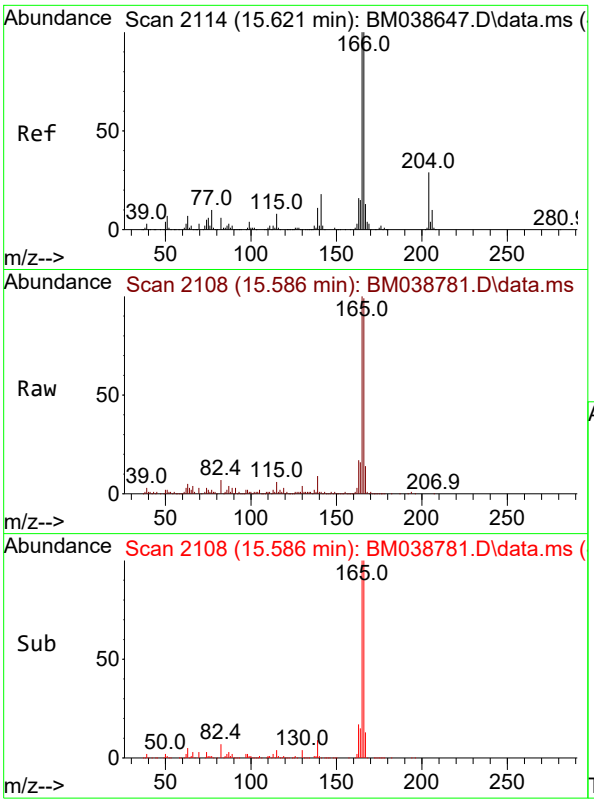


#55
Dibenzofuran
Concen: 4.399 ng
RT: 14.933 min Scan# 1997
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:168 Resp: 75180

Ion	Ratio	Lower	Upper
168	100		
139	36.1	27.8	41.6
169	15.0	10.9	16.3



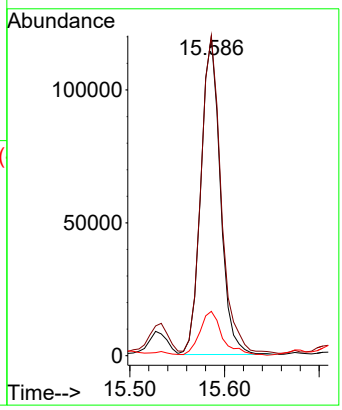


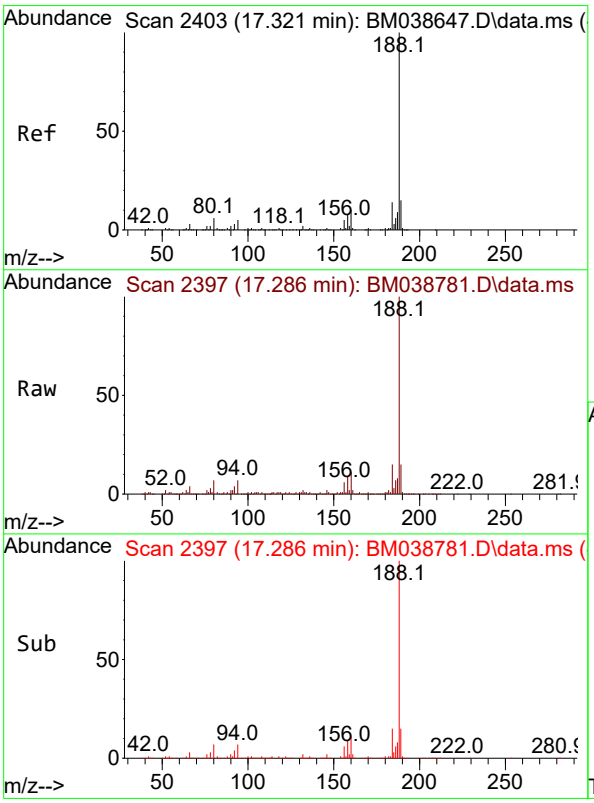
#58
Fluorene
Concen: 12.511 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:166 Resp: 169196

Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.2	120.4
167	13.9	10.7	16.1

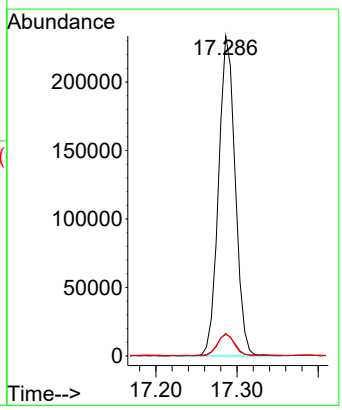


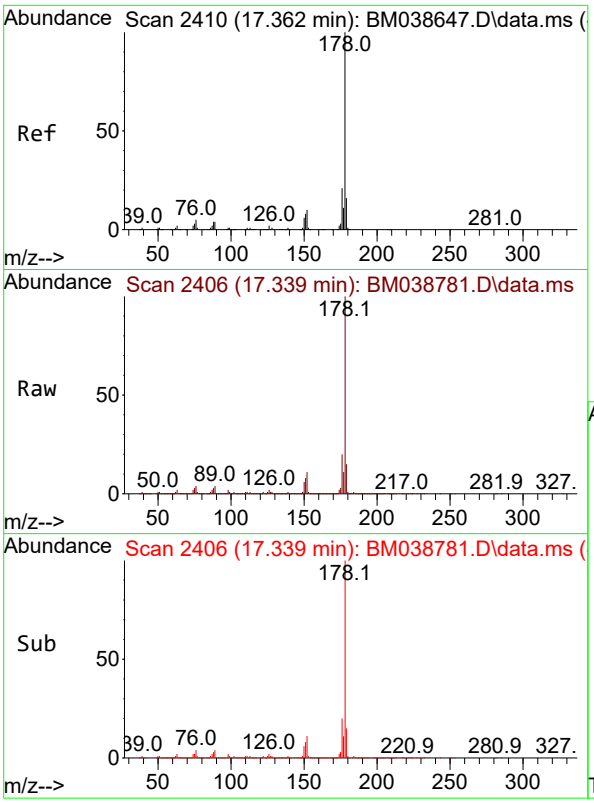


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2397
Delta R.T. -0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:188 Resp: 333840

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



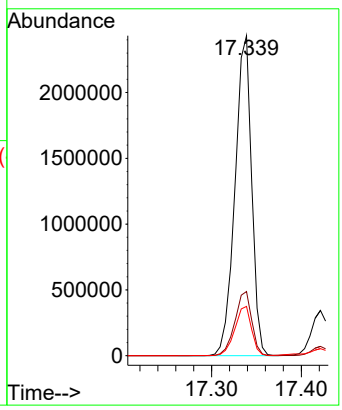


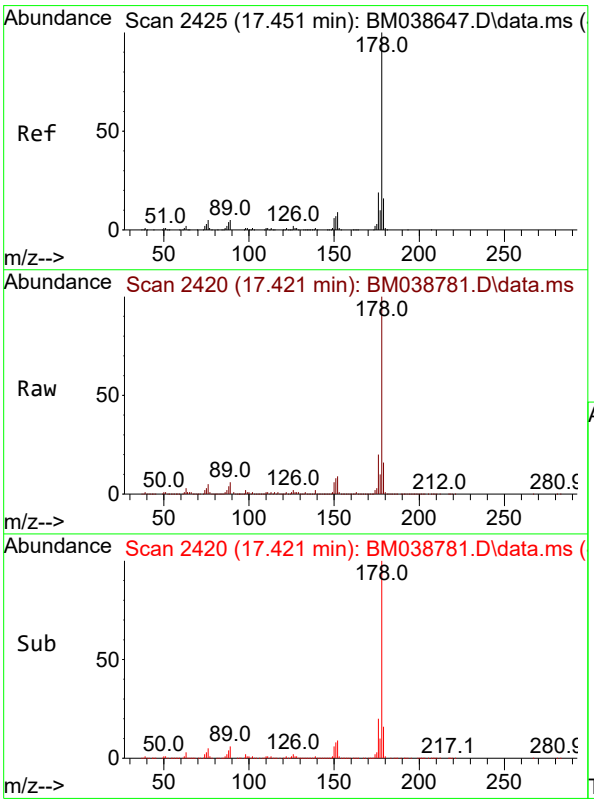
#71
Phenanthrene
Concen: 157.960 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:178 Resp: 3131155

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.7	25.1
179	15.4	12.5	18.7

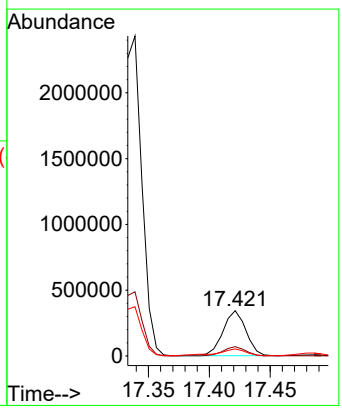


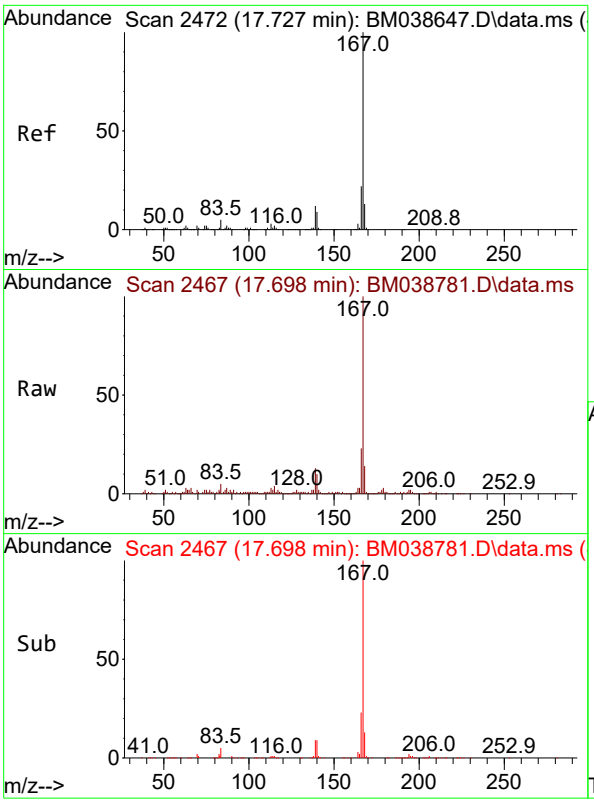


#72
Anthracene
Concen: 22.072 ng
RT: 17.421 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:178 Resp: 447598

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	15.8	12.4	18.6



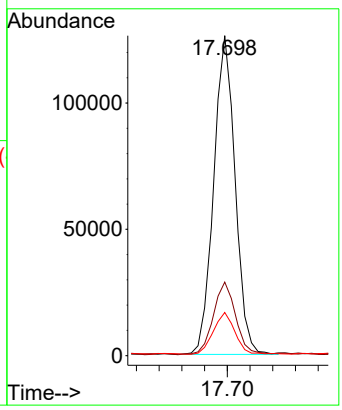


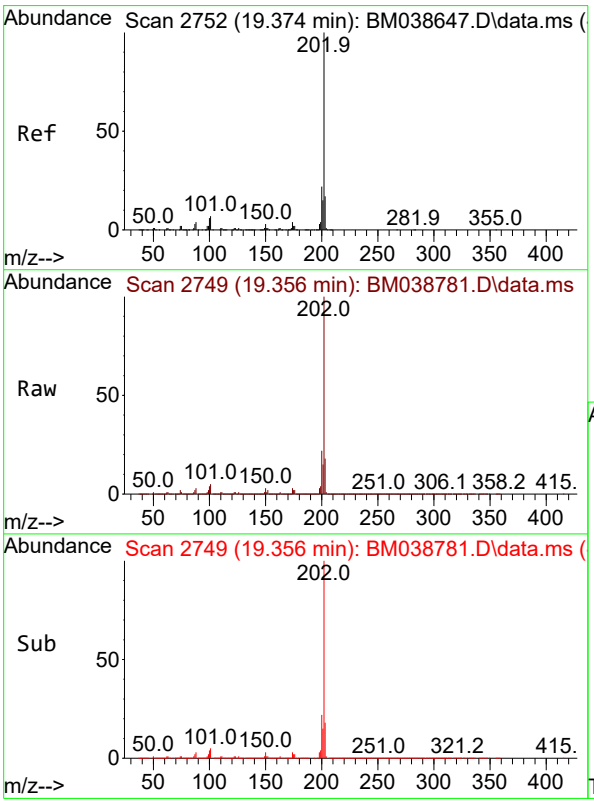
#73
Carbazole
Concen: 8.746 ng
RT: 17.698 min Scan# 24
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:167 Resp: 165403

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	13.5	9.4	14.2

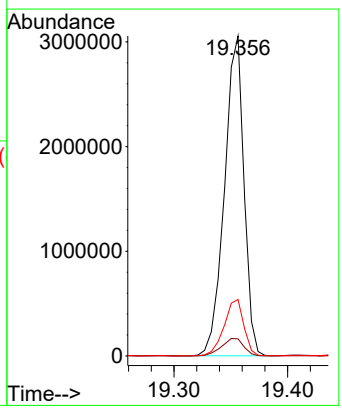


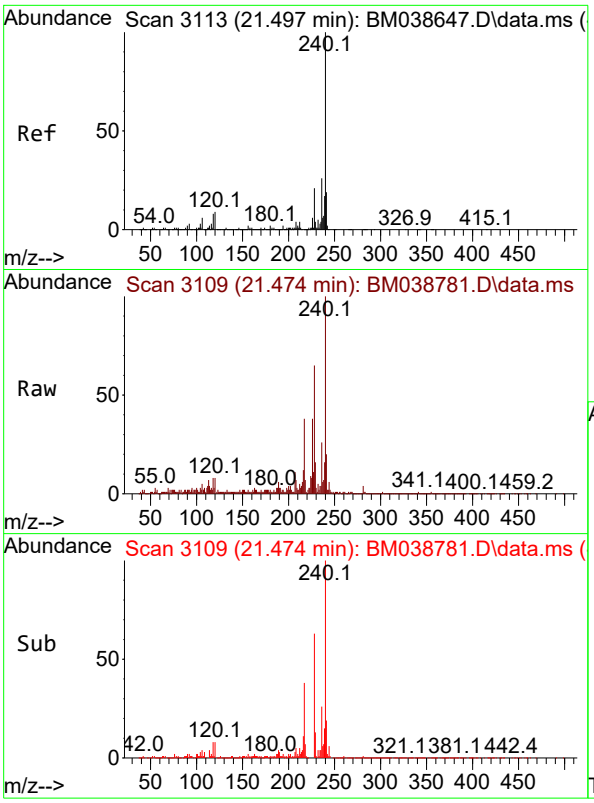


#75
Fluoranthene
Concen: 174.991 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:202 Resp: 3642010

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	27.4
203	17.7	0.0	37.3



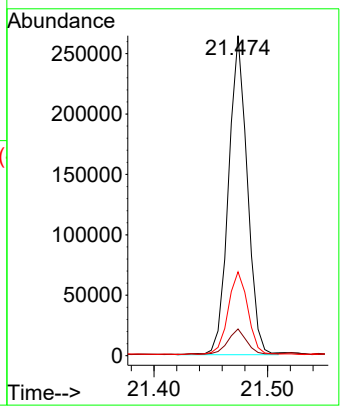


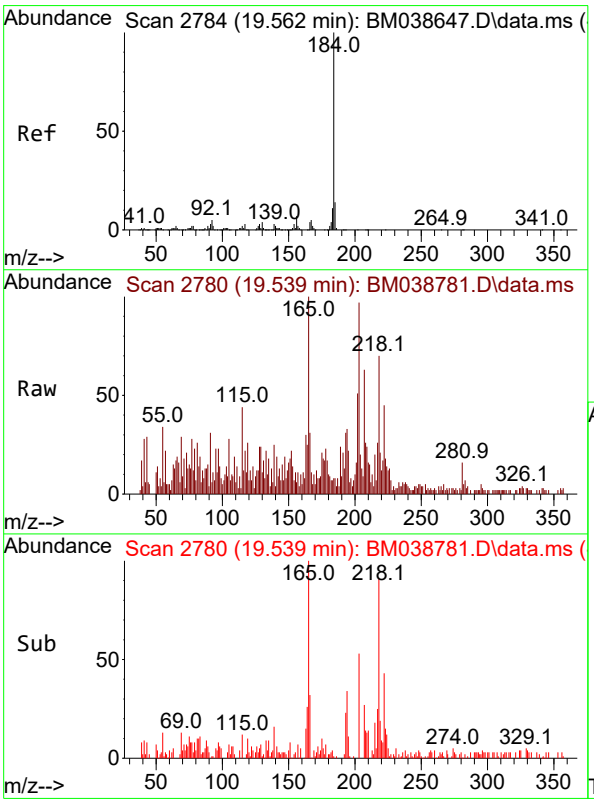
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:240 Resp: 302447

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.4
236	26.2	20.9	31.3

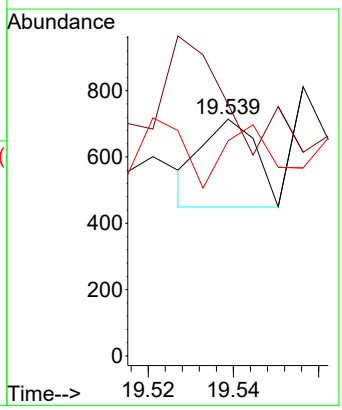


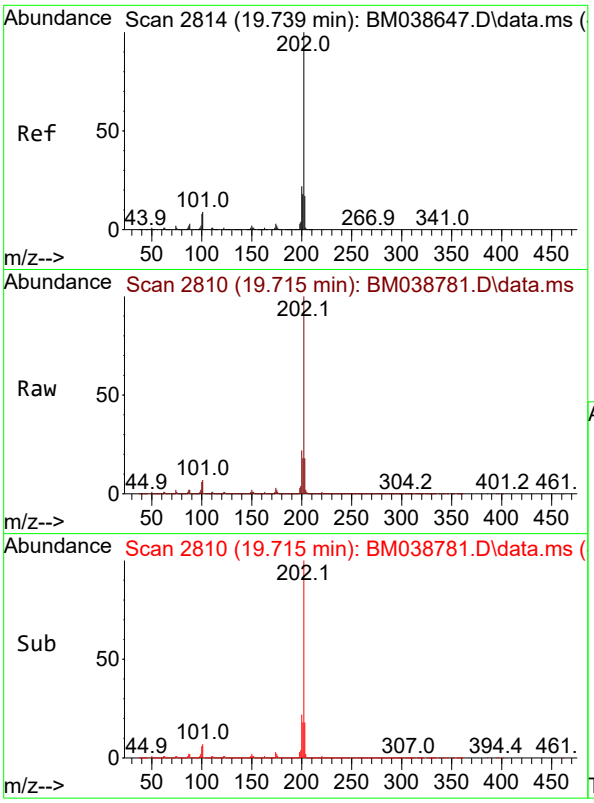


#77
Benzidine
Concen: 3.138 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:184 Resp: 232

Ion	Ratio	Lower	Upper
184	100		
185	106.3	10.8	16.2#
183	90.9	8.8	13.2#



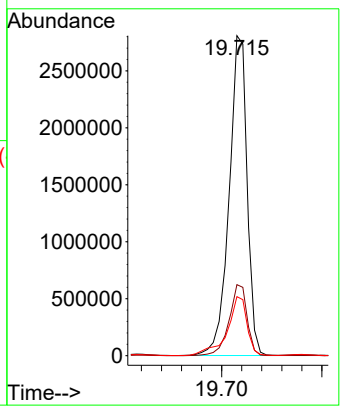


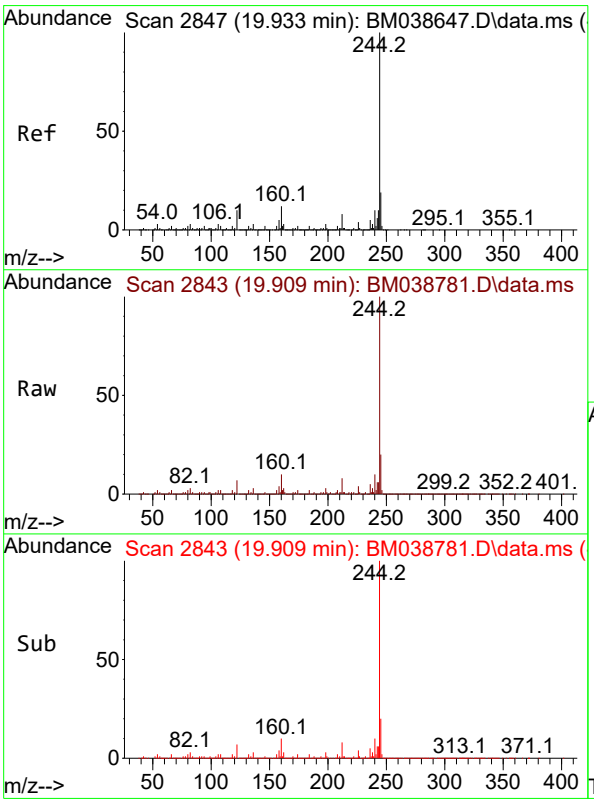
#78
Pyrene
Concen: 150.258 ng
RT: 19.715 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:202 Resp: 3498852

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.4	13.5	20.3

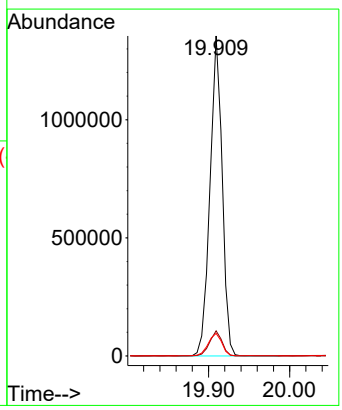


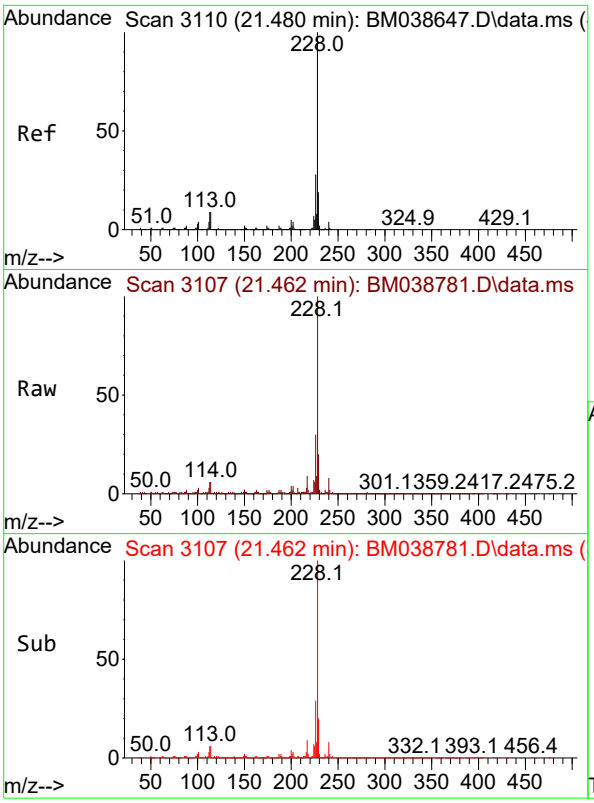


#79
Terphenyl-d14
Concen: 82.030 ng
RT: 19.909 min Scan# 2843
Delta R.T. -0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:244 Resp: 1405912

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	7.1	7.8	11.8#



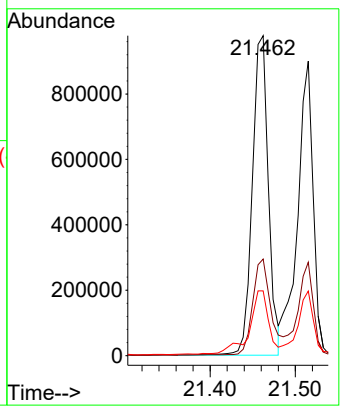


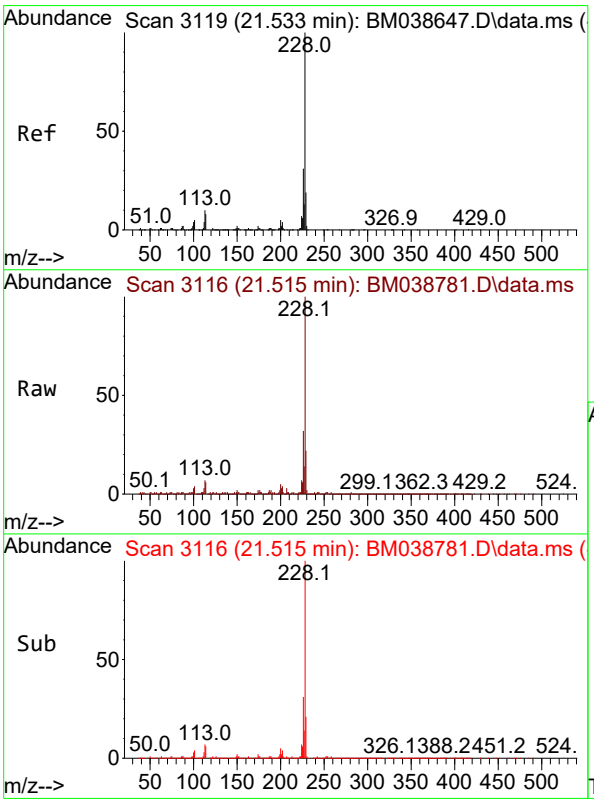
#81
Benzo(a)anthracene
Concen: 59.779 ng
RT: 21.462 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:228 Resp: 1278919

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.2	33.4
229	20.2	15.5	23.3

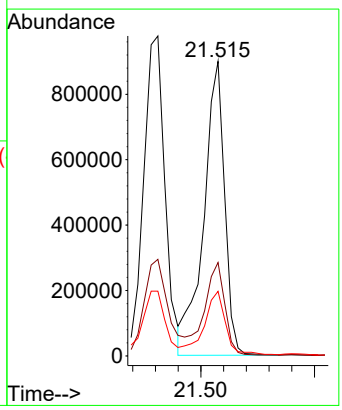


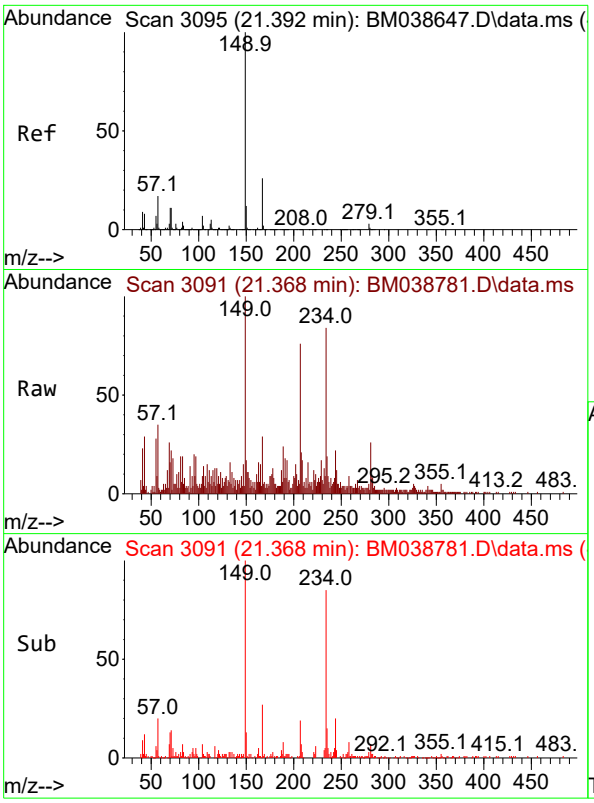


#83
Chrysene
Concen: 55.644 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:228 Resp: 1147008

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.7	37.1
229	22.0	15.5	23.3



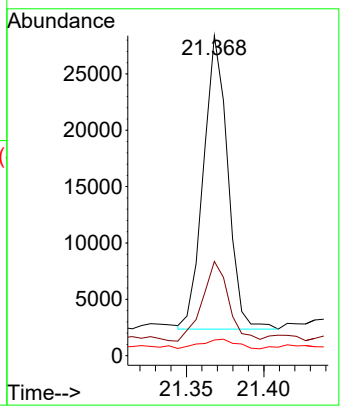


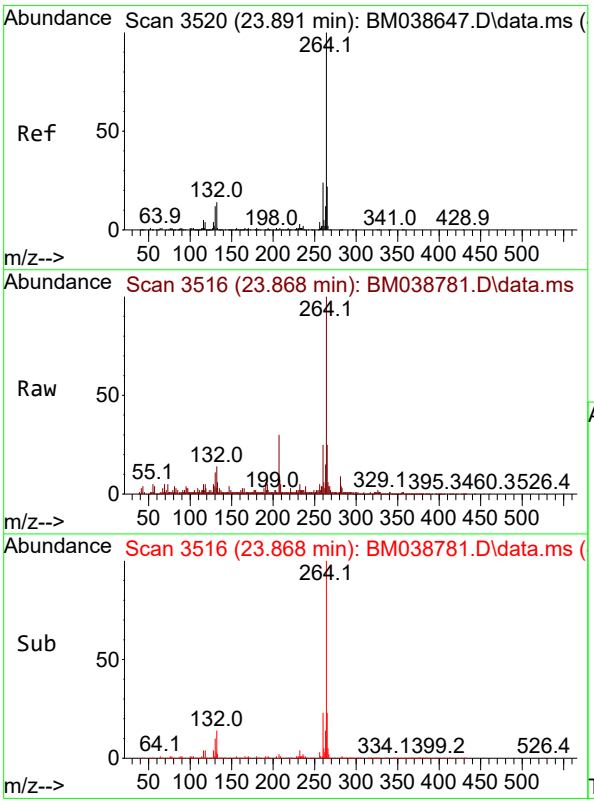
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.128 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:149 Resp: 28417

Ion	Ratio	Lower	Upper
149	100		
167	29.4	20.8	31.2
279	4.9	2.5	3.7#

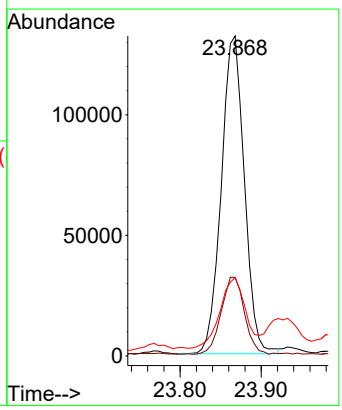


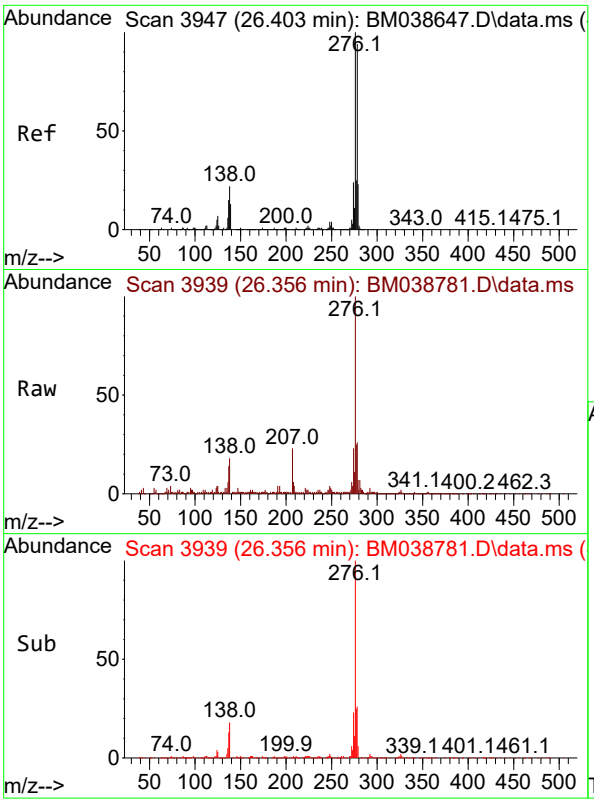


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:264 Resp: 259848

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



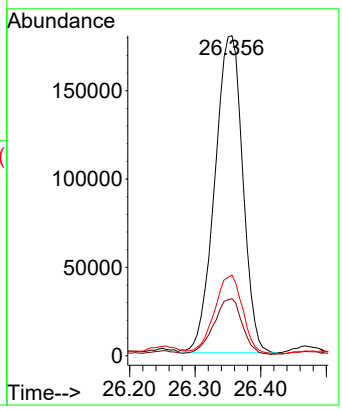


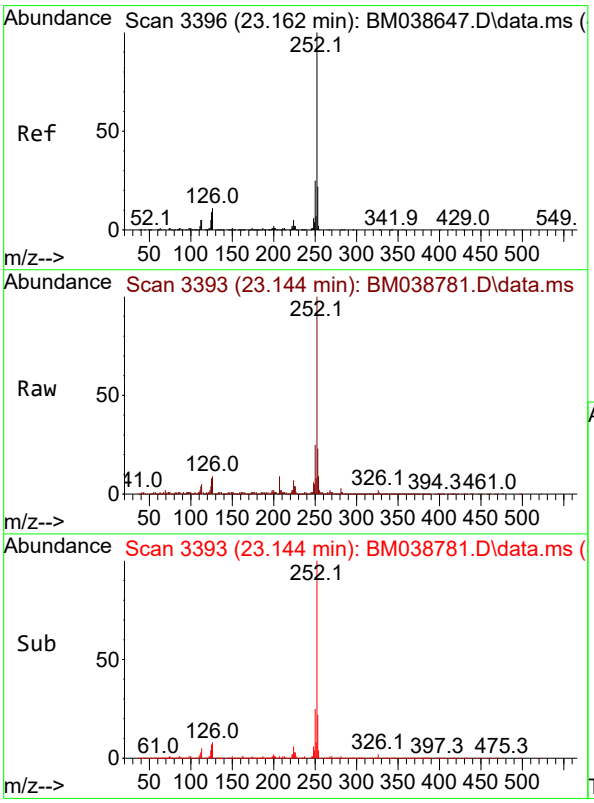
#87
Indeno(1,2,3-cd)pyrene
Concen: 26.022 ng
RT: 26.356 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:276 Resp: 532608

Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.2	25.8
277	25.0	20.2	30.4

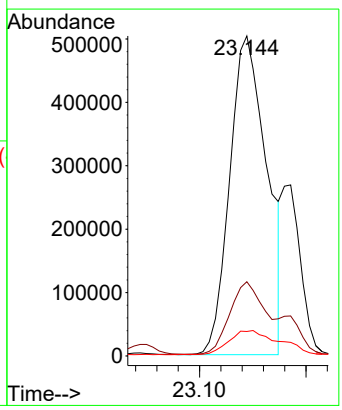


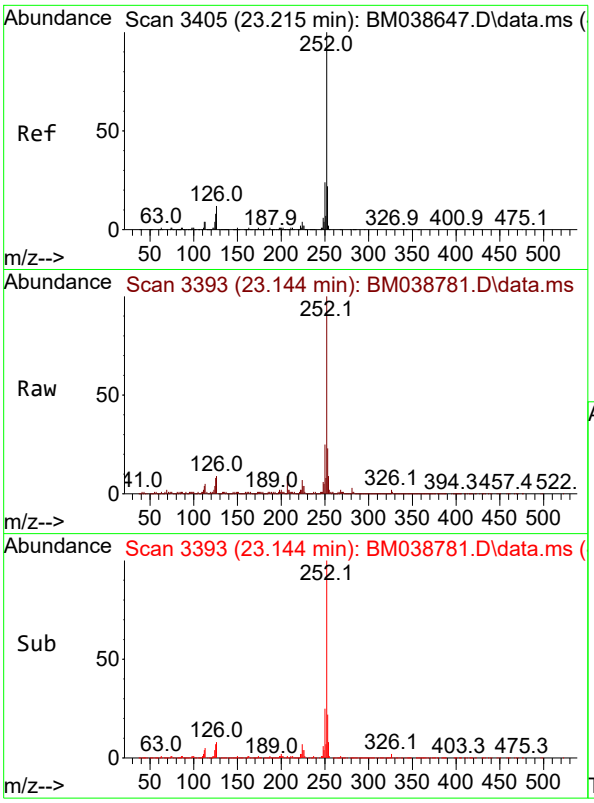


#88
Benzo(b)fluoranthene
Concen: 78.298 ng
RT: 23.144 min Scan# 3393
Delta R.T. -0.006 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:252 Resp: 1218624

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.6	7.0	10.6



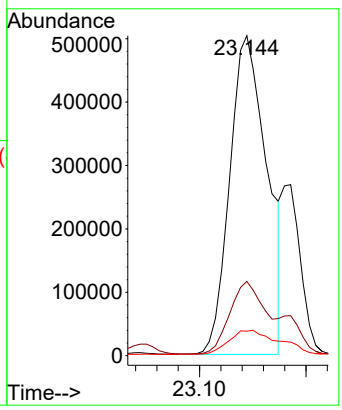


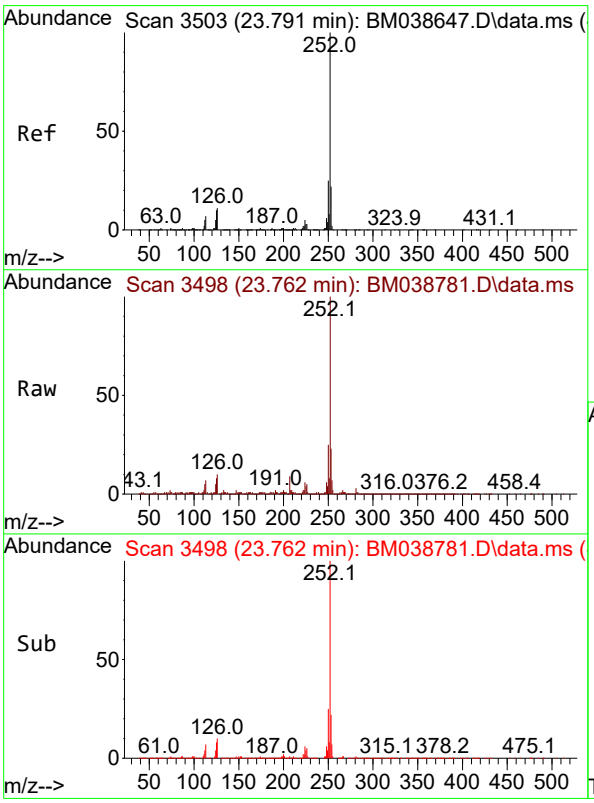
#89
Benzo(k)fluoranthene
Concen: 77.105 ng
RT: 23.144 min Scan# 3
Delta R.T. -0.053 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:252 Resp: 1218624

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	7.6	6.6	9.8

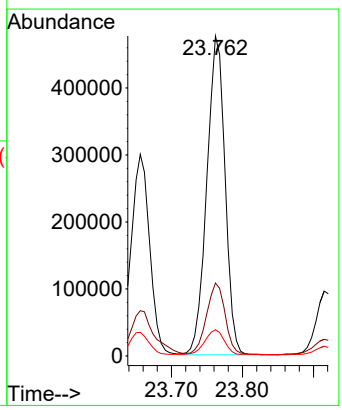


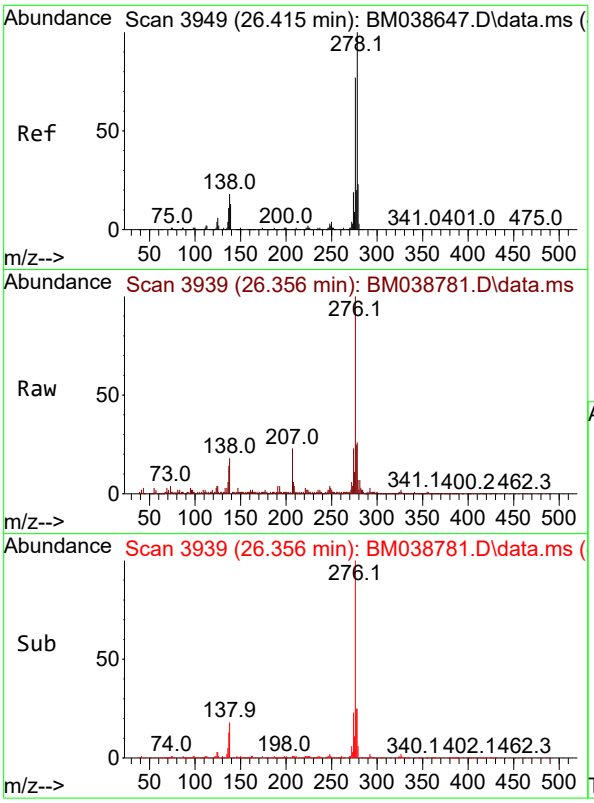


#90
Benzo(a)pyrene
Concen: 55.269 ng
RT: 23.762 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:252 Resp: 850672

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.2	7.8	11.8



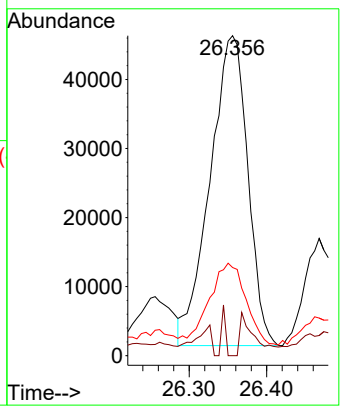


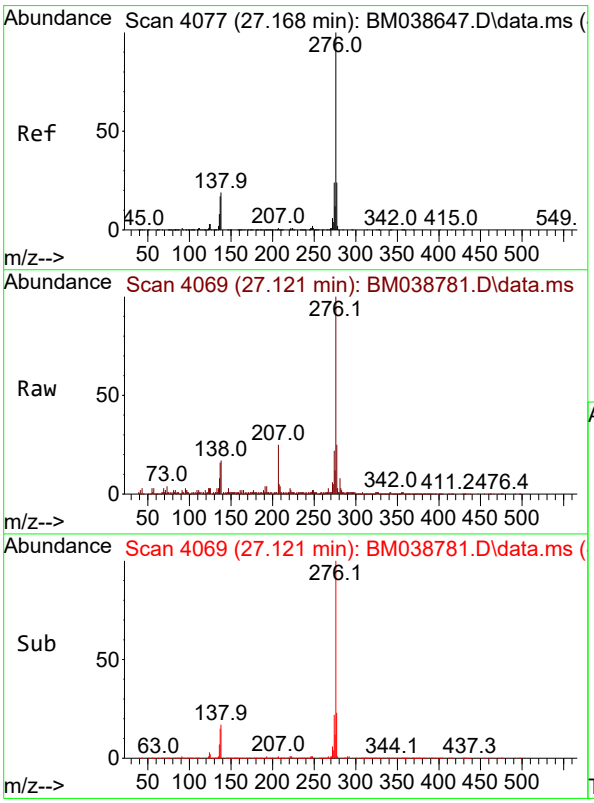
#91
Dibenzo(a,h)anthracene
Concen: 8.835 ng
RT: 26.356 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Instrument :
BNA_M
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:278 Resp: 152132

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7#
279	27.5	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 30.194 ng
RT: 27.121 min Scan# 4069
Delta R.T. -0.024 min
Lab File: BM038781.D
Acq: 17 Feb 2023 19:14

Tgt Ion:276 Resp: 525565

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.1	28.7
138	17.4	15.3	22.9