Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Time: Feb 17 23:22:57 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	43311	20.000	ng		-0.03
21) Naphthalene-d8	10.692	136	174453	20.000	ng		#-0.03
39) Acenaphthene-d10	14.533	164	120116	20.000	ng		-0.03
64) Phenanthrene-d10	17.280	188	265398	20.000	ng		#-0.02
76) Chrysene-d12	21.468	240	305704	20.000	ng		-0.02
86) Perylene-d12	23.862	264	338149	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	288615	130.537	ng		-0.03
7) Phenol-d6	7.057	99	367305	145.659	ng		-0.03
23) Nitrobenzene-d5	9.057	82	207831	67.668	ng		-0.04
42) 2,4,6-Tribromophenol	16.027	330	215775	132.163	ng		-0.03
45) 2-Fluorobiphenyl	13.157	172	619668	65.678	ng		-0.03
79) Terphenyl-d14	19.909	244	1182104	68.237	ng		-0.02
Target Compounds							Qvalue
48) 2-Nitroaniline	13.621	65	317	2.350	ng	#	1
49) Acenaphthylene	14.257	152	30056	2.549	ng		96
52) Acenaphthene	14.598	154	27845	3.954	ng		90
55) Dibenzofuran	14.933	168	41705	3.439	ng		99
58) Fluorene	15.580	166	52039	5.424	ng		96
62) 4-Nitroaniline	15.621	138	770	2.202	ng		91
71) Phenanthrene	17.327	178	717223	45.513	ng		99
72) Anthracene	17.415	178	193389	11.996	ng		100
73) Carbazole	17.692	167	63080	4.196	ng		98
75) Fluoranthene	19.350	202	1110712	67.130	ng		99
77) Benzidine	19.521	184	530	3.168	ng	#	1
78) Pyrene	19.709	202	991784	42.138	ng		99
80) Butylbenzylphthalate	20.597	149	4803	2.338	ng	#	9
81) Benzo(a)anthracene	21.456	228	554564	25.645	ng		98
83) Chrysene	21.509	228	439714	21.104	ng		95
84) Bis(2-ethylhexyl)phtha...	21.368	149	42515	3.912	ng		99
87) Indeno(1,2,3-cd)pyrene	26.338	276	277456	10.417	ng		97
88) Benzo(b)fluoranthene	23.133	252	626608	30.938	ng		98
89) Benzo(k)fluoranthene	23.133	252	626608	30.467	ng		97
90) Benzo(a)pyrene	23.756	252	465656	23.249	ng		97
91) Dibenzo(a,h)anthracene	26.632	278	52041	2.322	ng		93
92) Benzo(g,h,i)perylene	27.103	276	253435	11.188	ng		99

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

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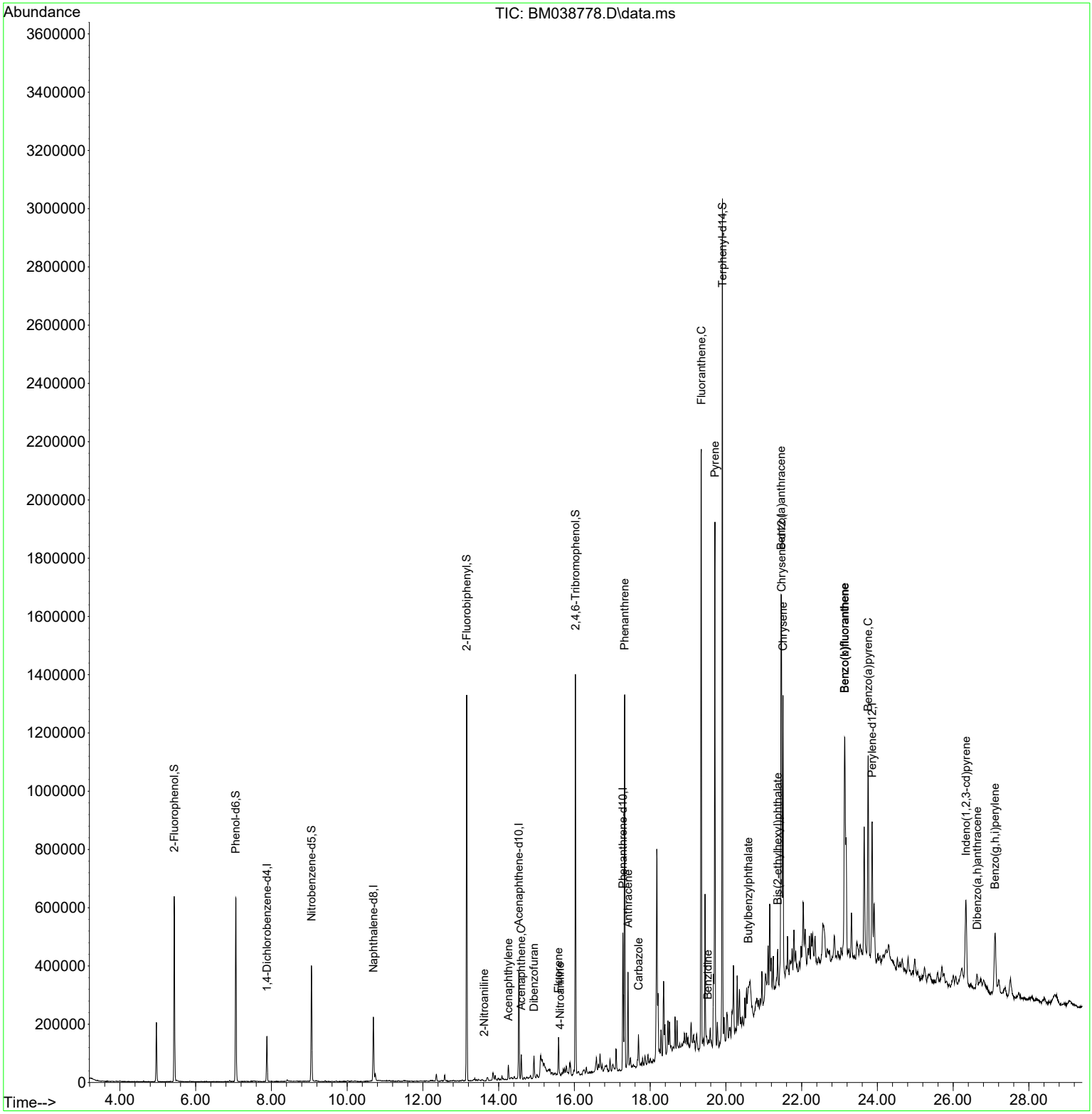
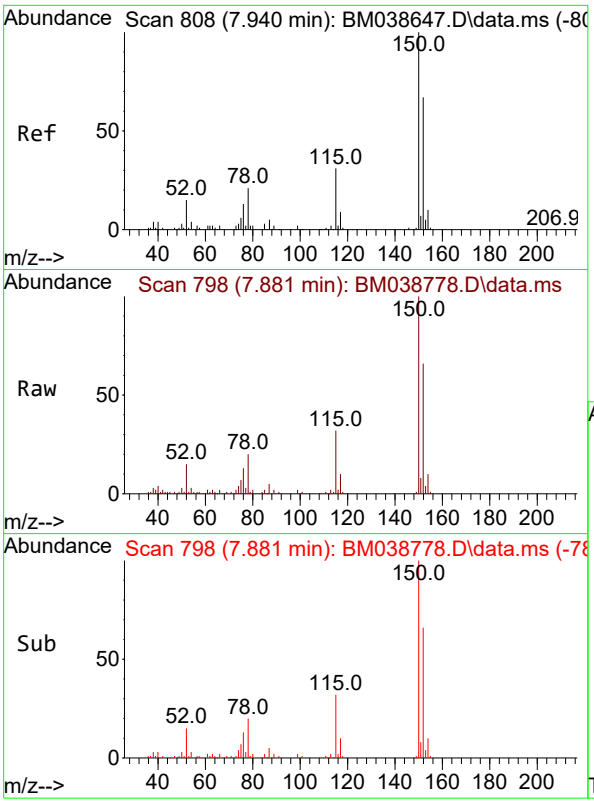


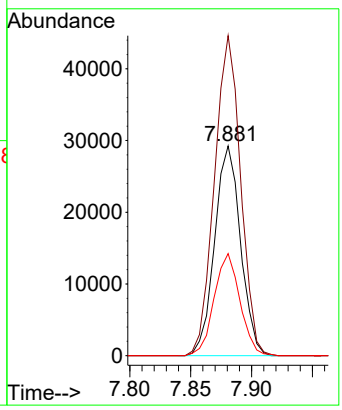


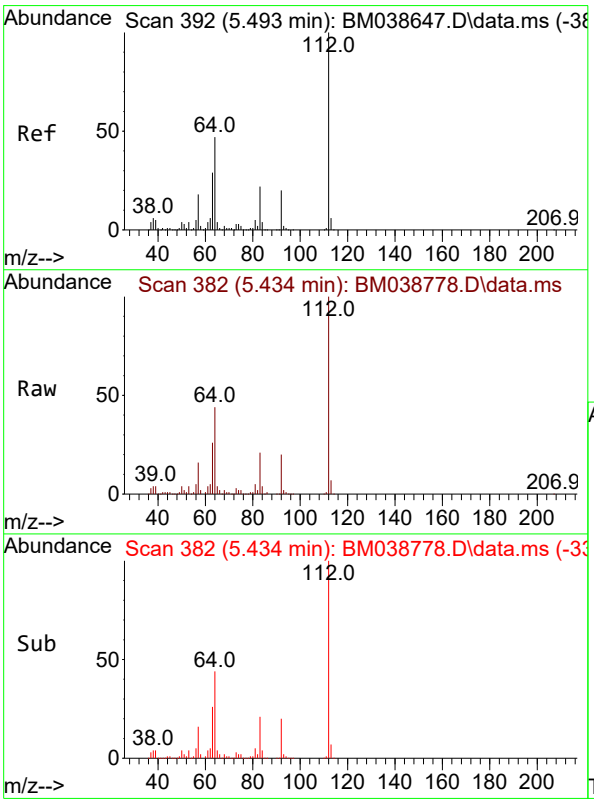
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 7
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:152 Resp: 43311

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	48.6	37.6	56.4

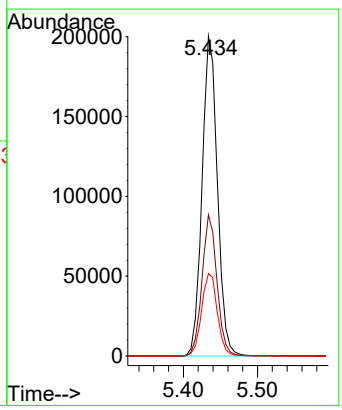


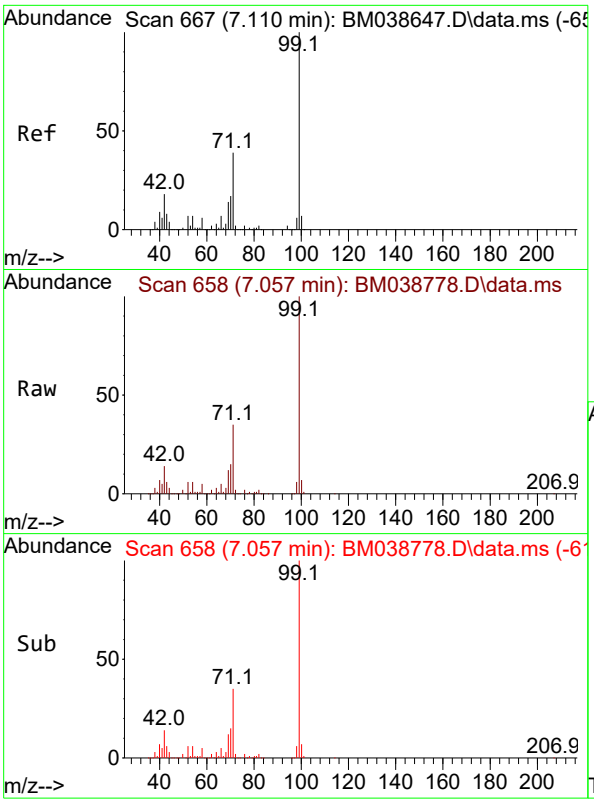


#5
2-Fluorophenol
Concen: 130.537 ng
RT: 5.434 min Scan# 382
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:112 Resp: 288615

Ion	Ratio	Lower	Upper
112	100		
64	44.1	37.9	56.9
63	25.8	23.3	34.9



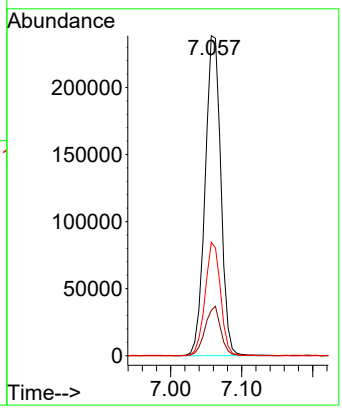


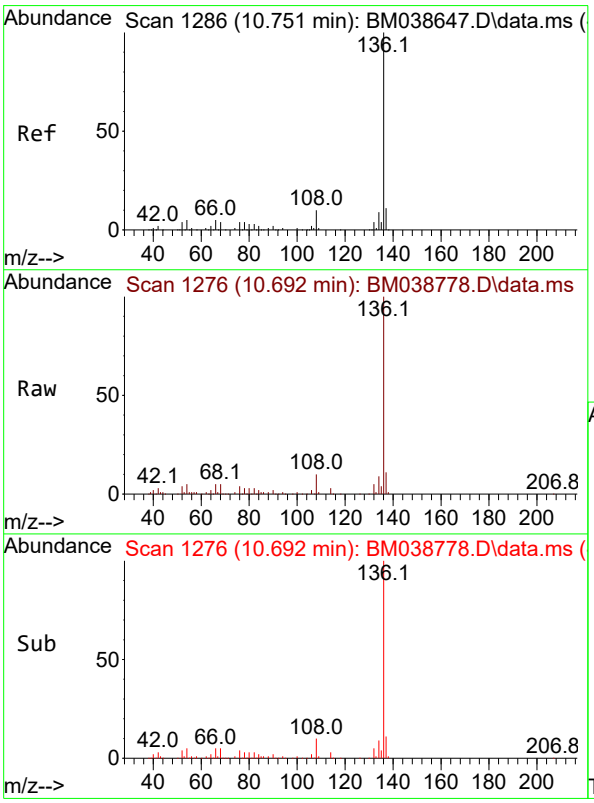
#7
Phenol-d6
Concen: 145.659 ng
RT: 7.057 min Scan# 6
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion: 99 Resp: 367305

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.6	22.0#
71	35.4	31.0	46.4

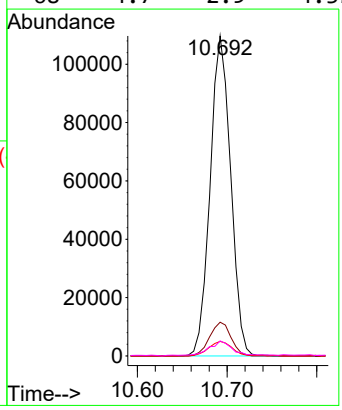


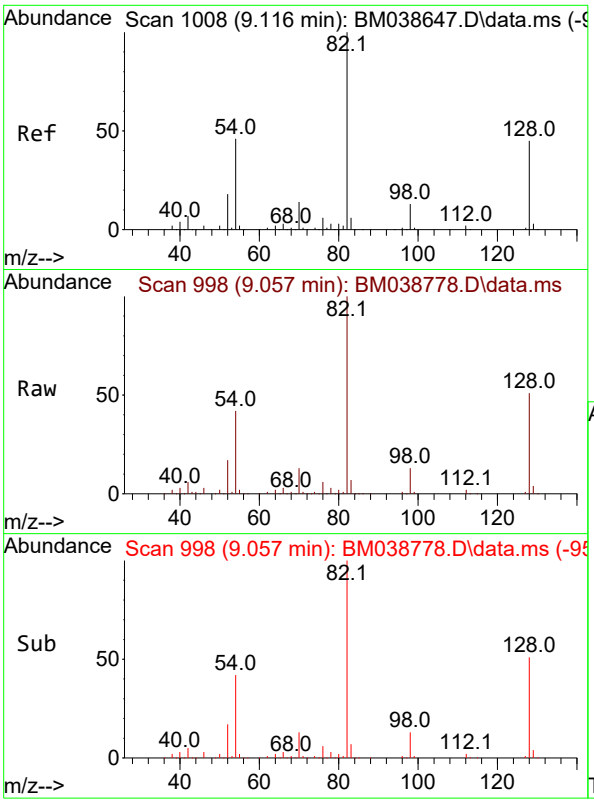


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:136 Resp: 174453

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	4.5	4.2	6.4
68	4.7	2.9	4.3#



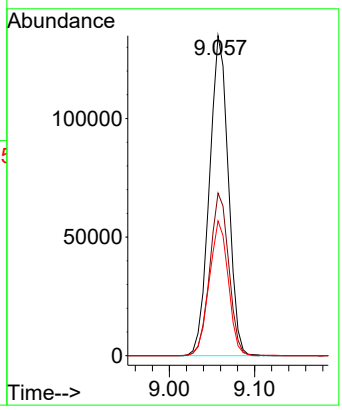


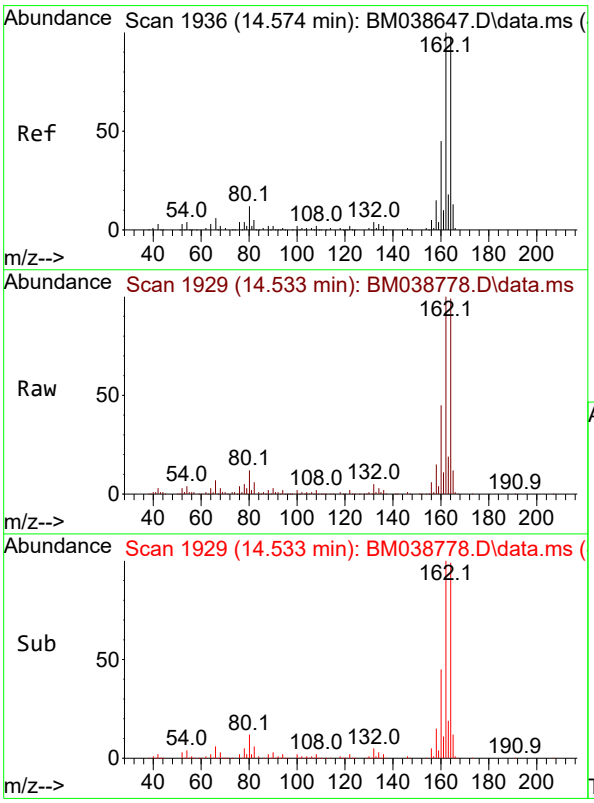
#23
Nitrobenzene-d5
Concen: 67.668 ng
RT: 9.057 min Scan# 9
Delta R.T. -0.035 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion: 82 Resp: 207831

Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.0	54.0
54	42.1	36.8	55.2

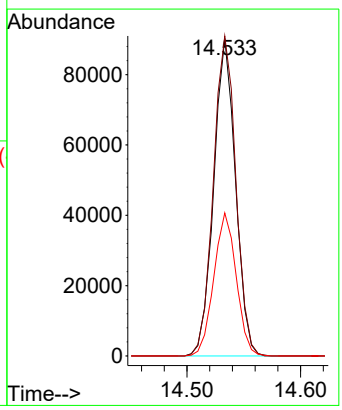


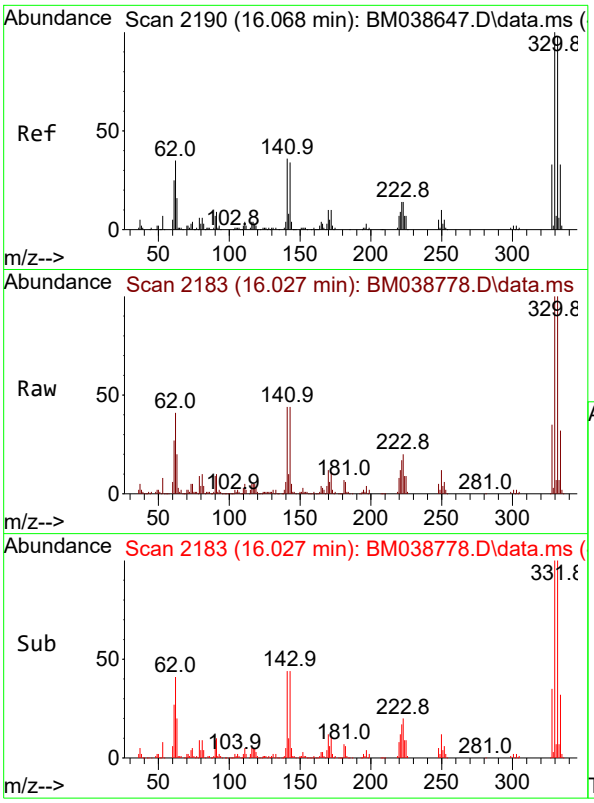


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:164 Resp: 120116

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	45.0	36.5	54.7



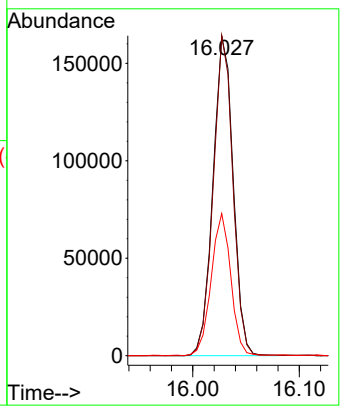


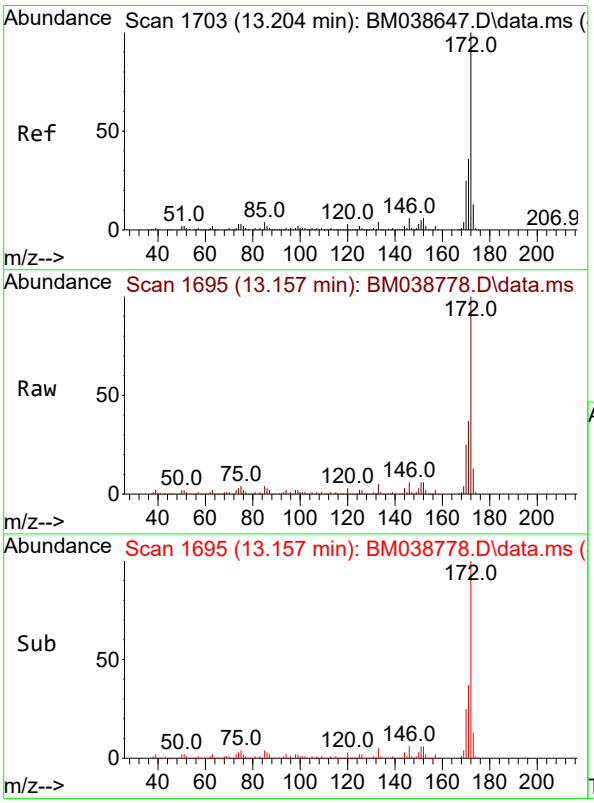
#42
2,4,6-Tribromophenol
Concen: 132.163 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:330 Resp: 215775

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	43.4	31.0	46.6

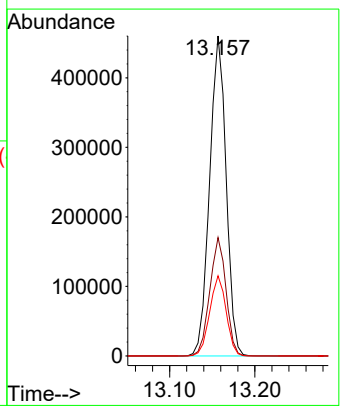


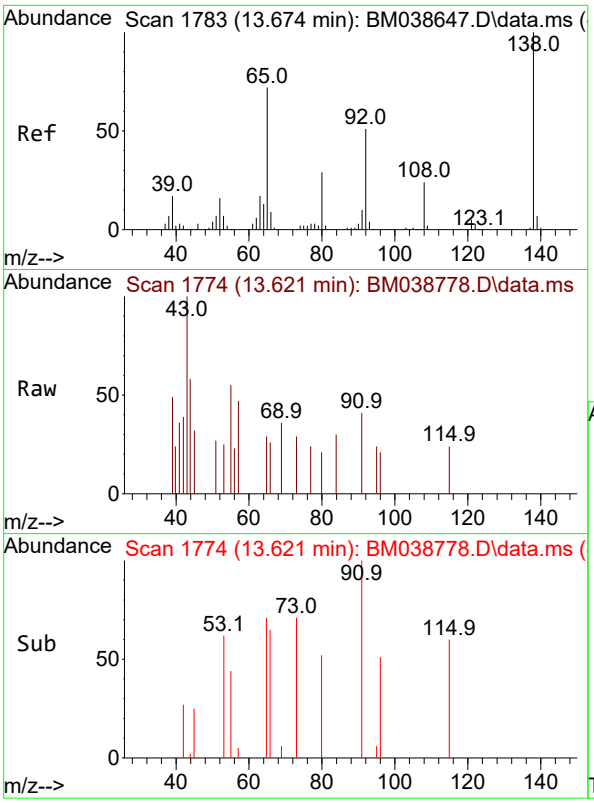


#45
2-Fluorobiphenyl
Concen: 65.678 ng
RT: 13.157 min Scan# 1695
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:172 Resp: 619668

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	25.0	20.0	30.0



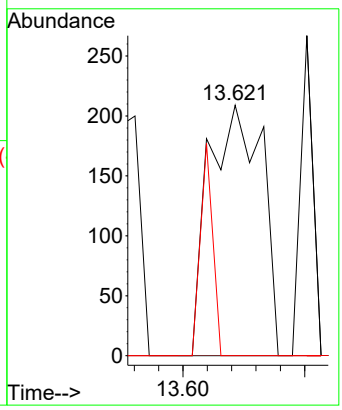


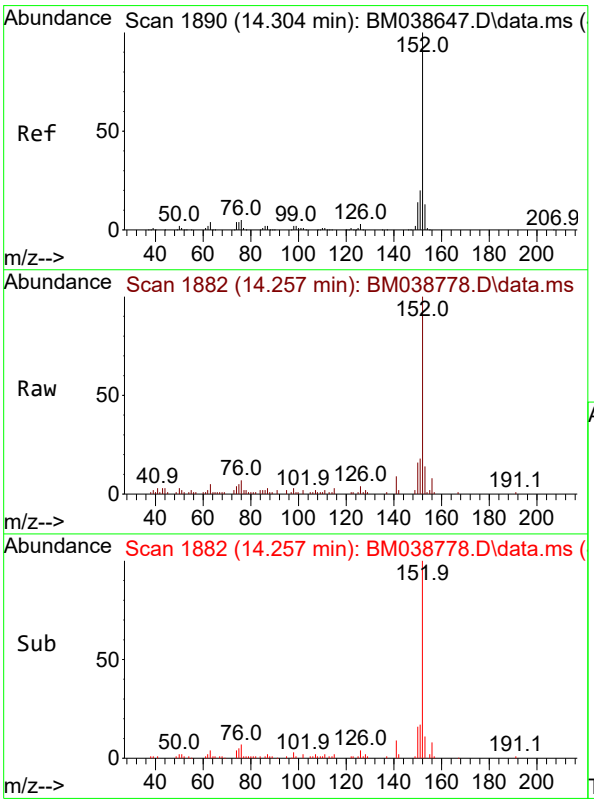
#48
2-Nitroaniline
Concen: 2.350 ng
RT: 13.621 min Scan# 1
Delta R.T. -0.035 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion: 65 Resp: 317

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

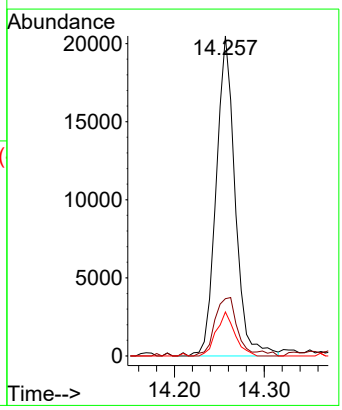


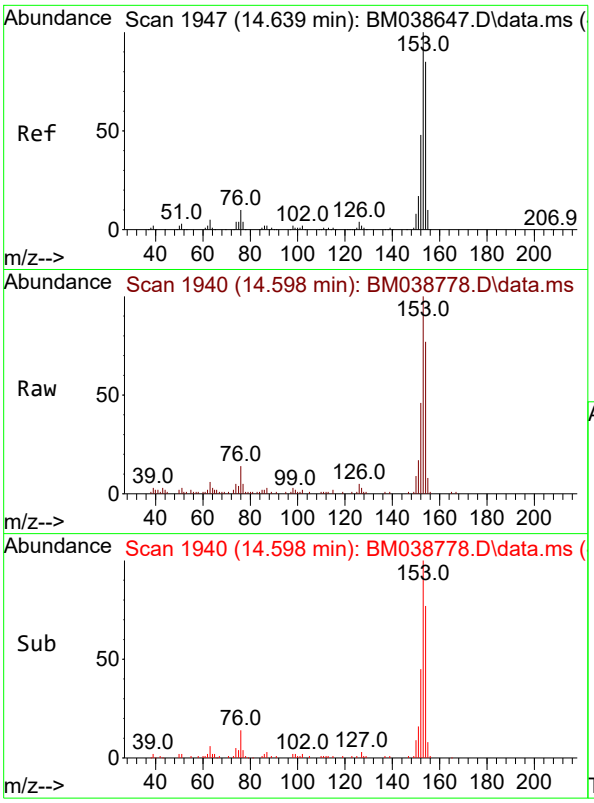


#49
Acenaphthylene
Concen: 2.549 ng
RT: 14.257 min Scan# 1882
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:152 Resp: 30056

Ion	Ratio	Lower	Upper
152	100		
151	17.9	16.1	24.1
153	13.7	10.0	15.0



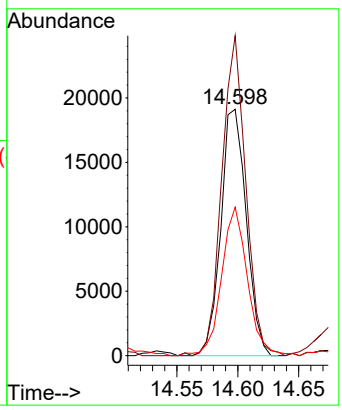


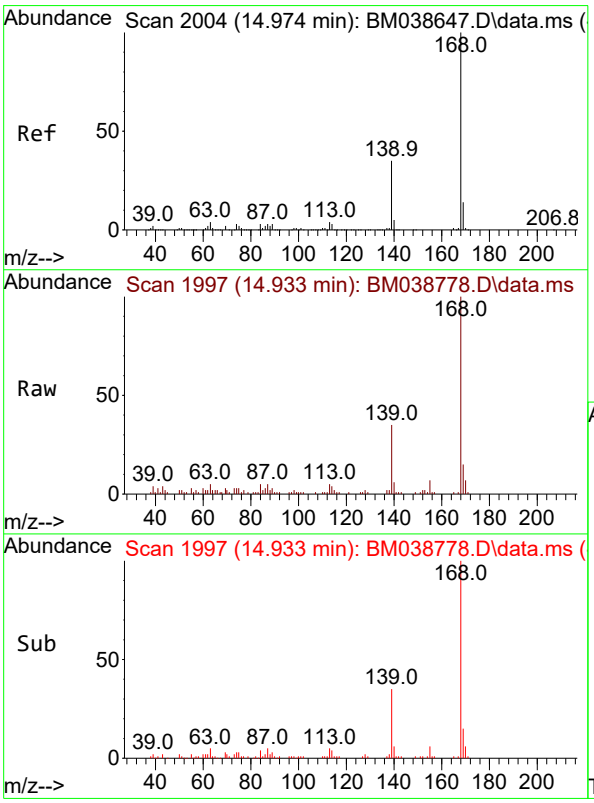
#52
Acenaphthene
Concen: 3.954 ng
RT: 14.598 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:154 Resp: 27845

Ion	Ratio	Lower	Upper
154	100		
153	129.9	93.7	140.5
152	60.3	44.6	67.0

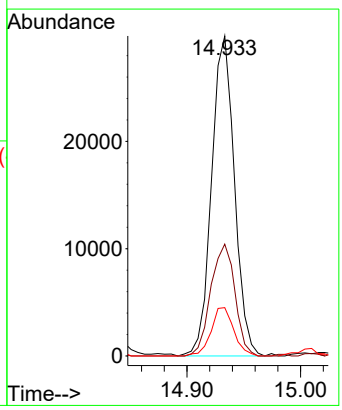


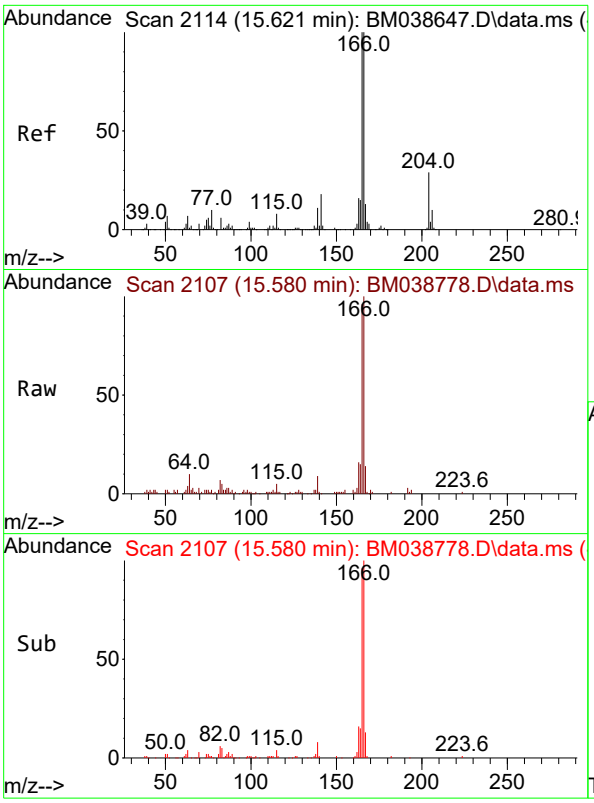


#55
Dibenzofuran
Concen: 3.439 ng
RT: 14.933 min Scan# 1997
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:168 Resp: 41705

Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.8	41.6
169	15.1	10.9	16.3



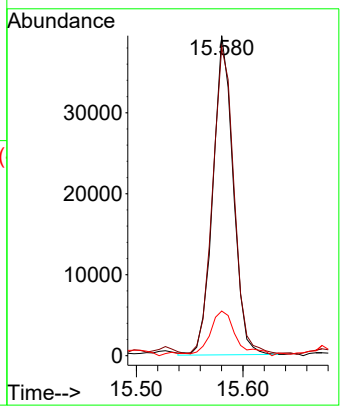


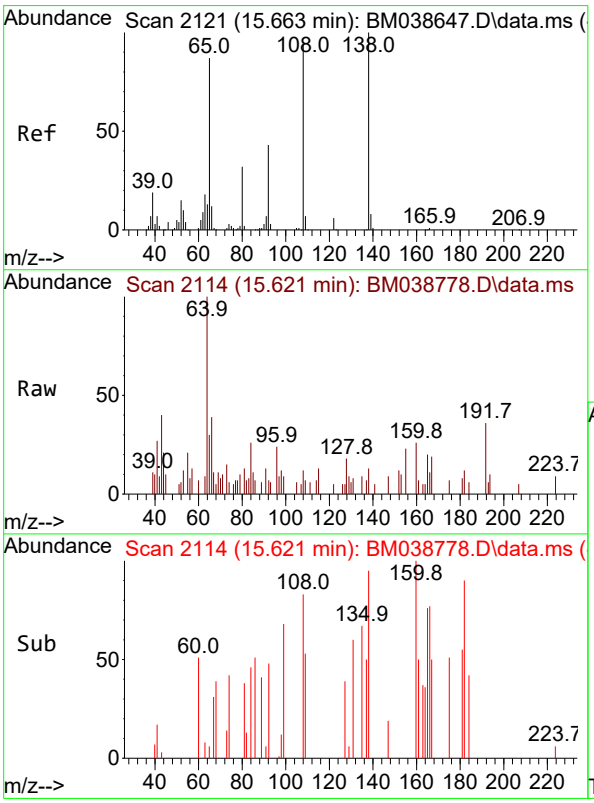
#58
Fluorene
Concen: 5.424 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:166 Resp: 52039

Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.2	120.4
167	14.0	10.7	16.1

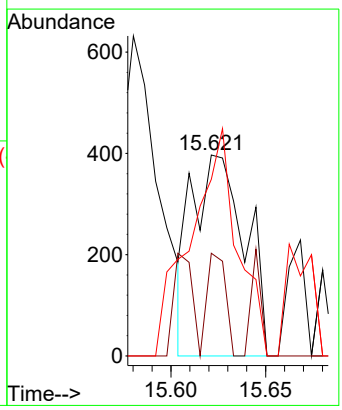


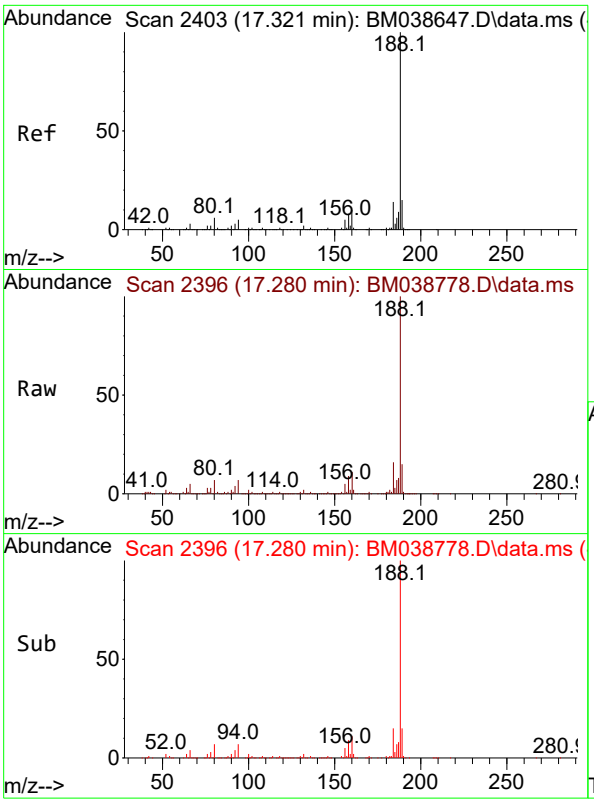


#62
4-Nitroaniline
Concen: 2.202 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:138 Resp: 770

Ion	Ratio	Lower	Upper
138	100		
92	51.1	23.4	63.4
108	87.9	75.1	115.1



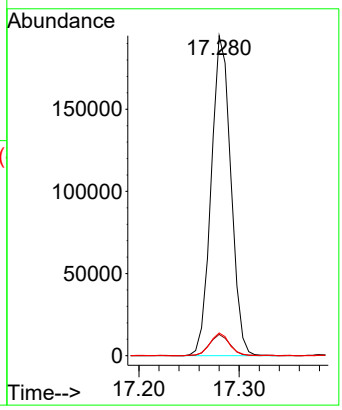


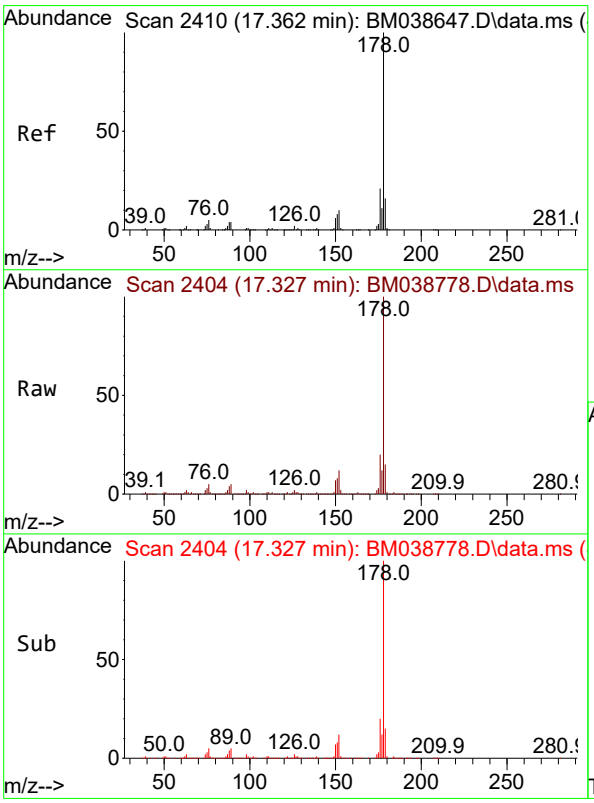
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2
Delta R.T. -0.024 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:188 Resp: 265398

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.4#
80	7.1	4.6	7.0#

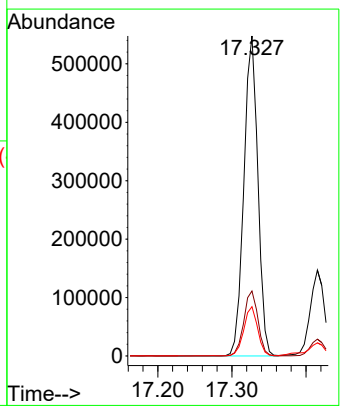


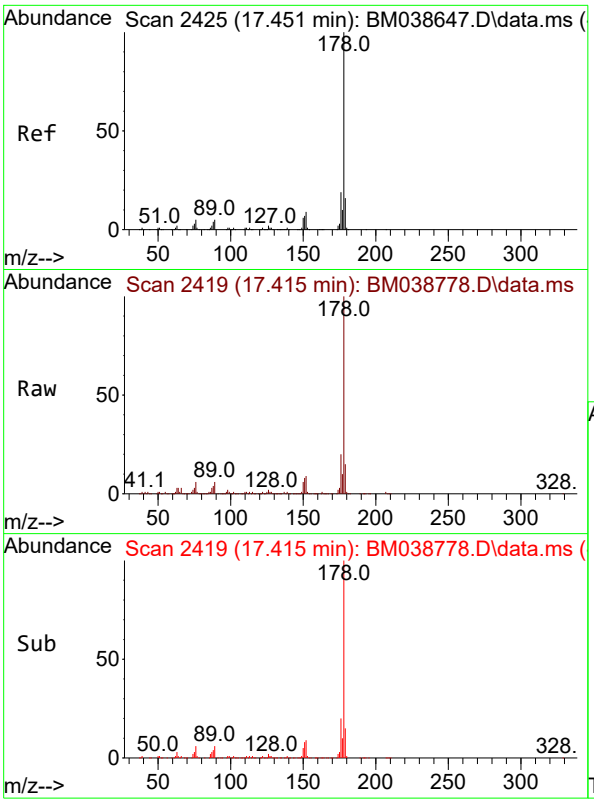


#71
Phenanthrene
Concen: 45.513 ng
RT: 17.327 min Scan# 2404
Delta R.T. -0.024 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:178 Resp: 717223

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.7	25.1
179	15.4	12.5	18.7



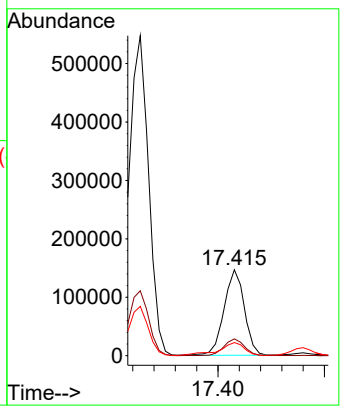


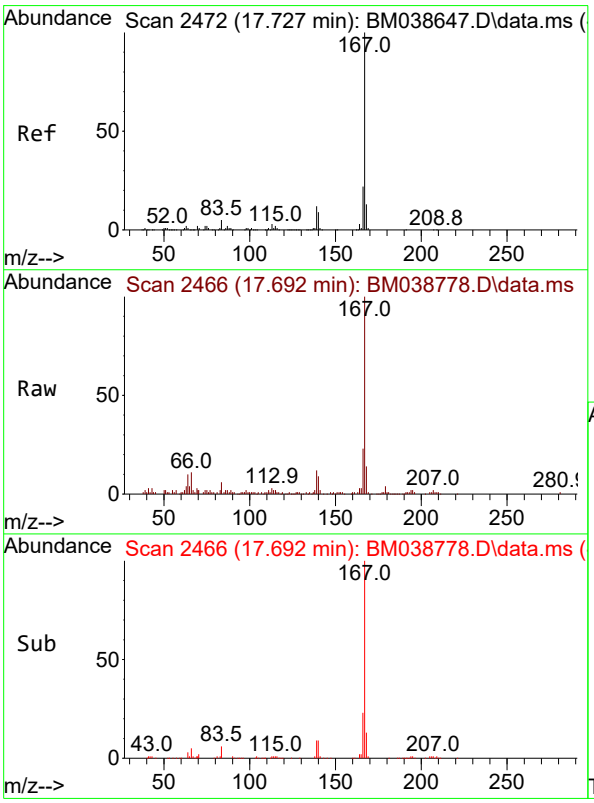
#72
Anthracene
Concen: 11.996 ng
RT: 17.415 min Scan# 24
Delta R.T. -0.024 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:178 Resp: 193389

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.2	12.4	18.6

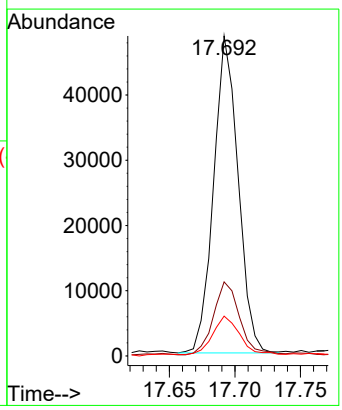


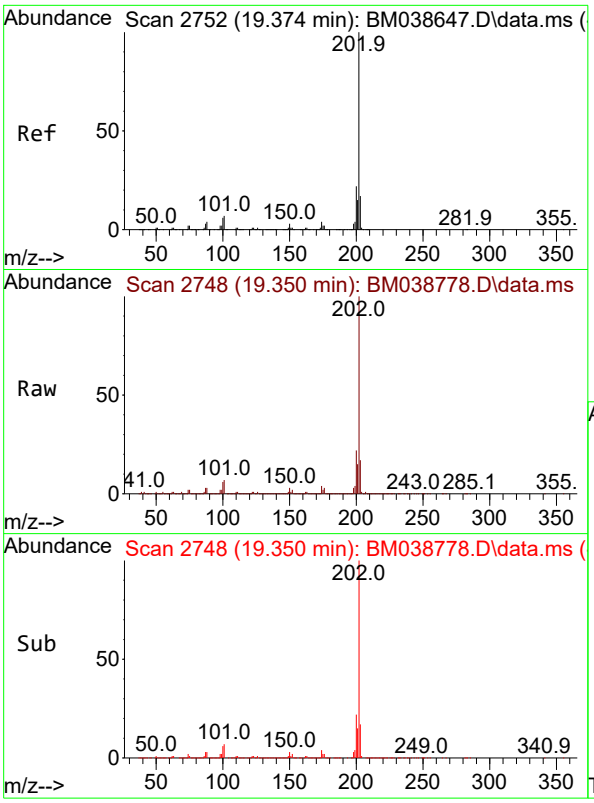


#73
Carbazole
Concen: 4.196 ng
RT: 17.692 min Scan# 2466
Delta R.T. -0.029 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:167 Resp: 63080

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	12.5	9.4	14.2



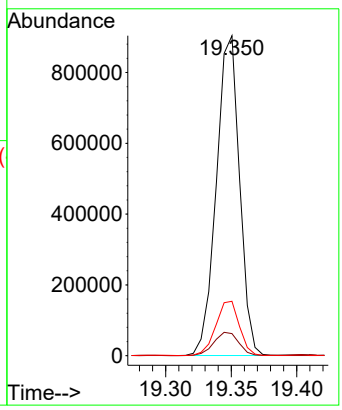


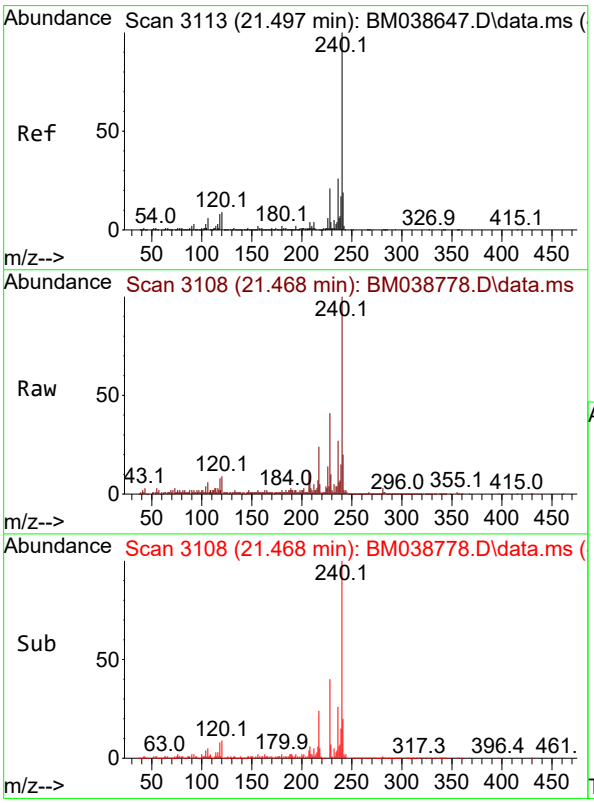
#75
Fluoranthene
Concen: 67.130 ng
RT: 19.350 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:202 Resp: 1110712

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.4
203	17.0	0.0	37.3

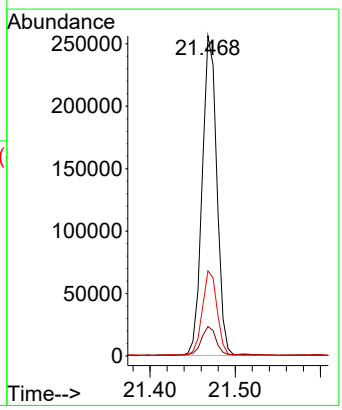


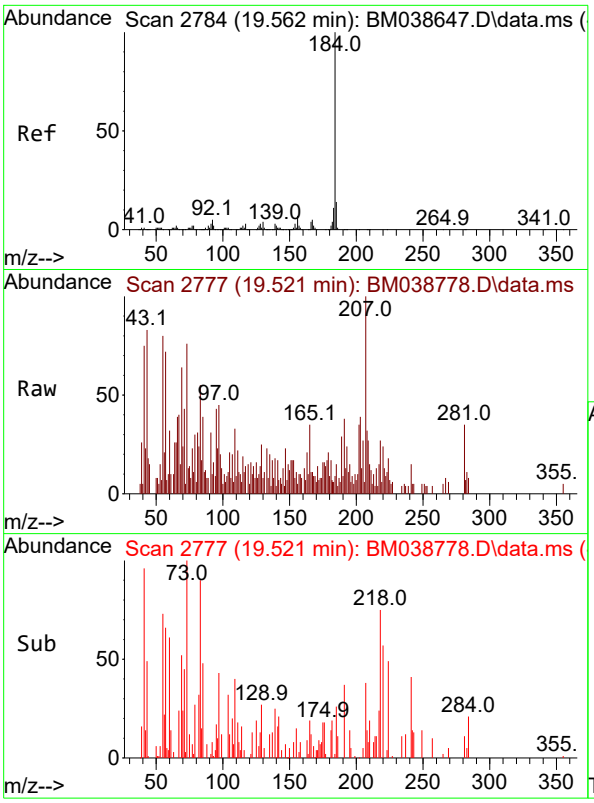


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.024 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:240 Resp: 305704

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.4
236	26.6	20.9	31.3



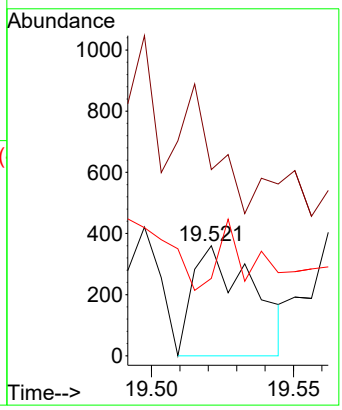


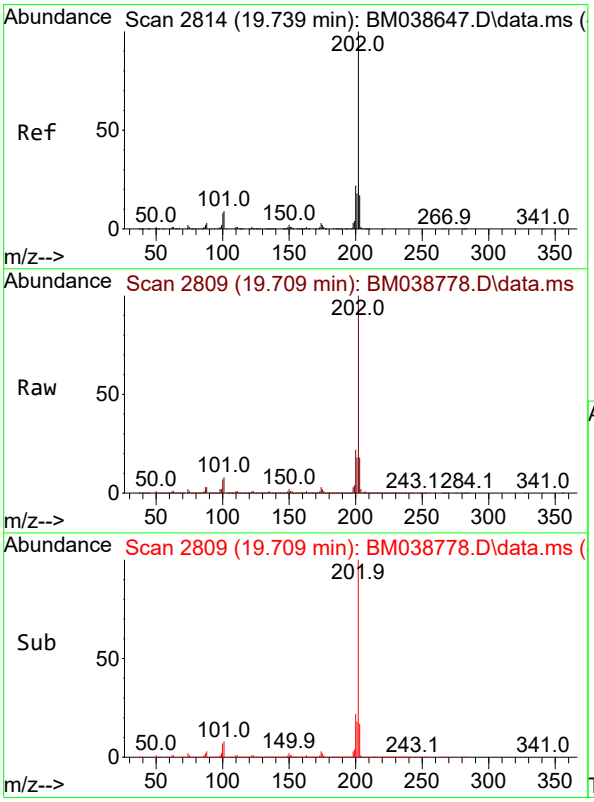
#77
Benzidine
Concen: 3.168 ng
RT: 19.521 min Scan# 2
Delta R.T. -0.035 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:184 Resp: 530

Ion	Ratio	Lower	Upper
184	100		
185	169.2	10.8	16.2#
183	70.3	8.8	13.2#

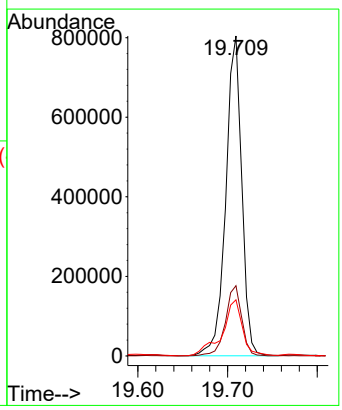


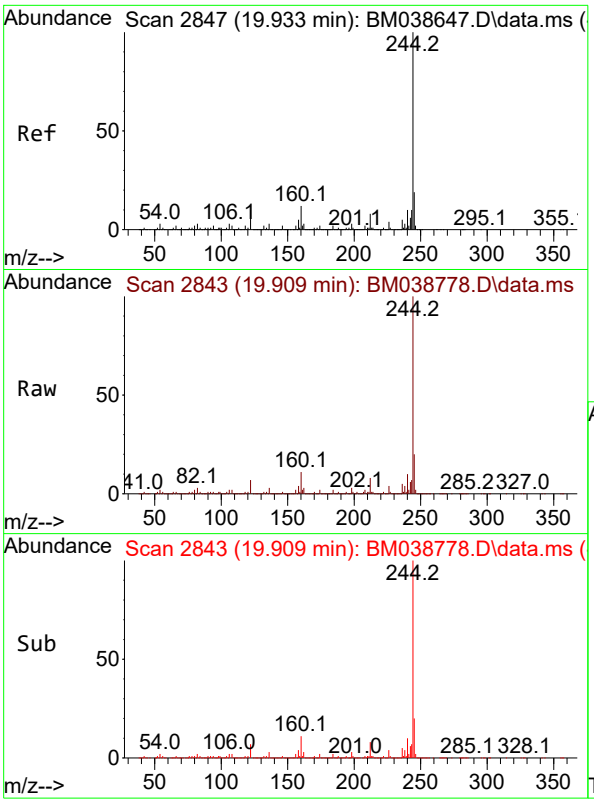


#78
Pyrene
Concen: 42.138 ng
RT: 19.709 min Scan# 2809
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:202 Resp: 991784

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	17.6	13.5	20.3



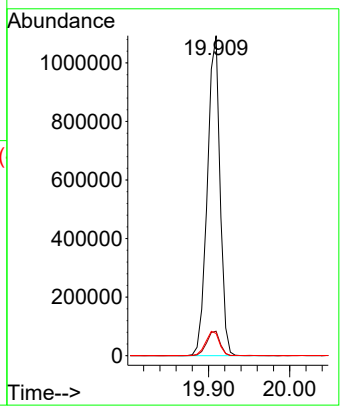


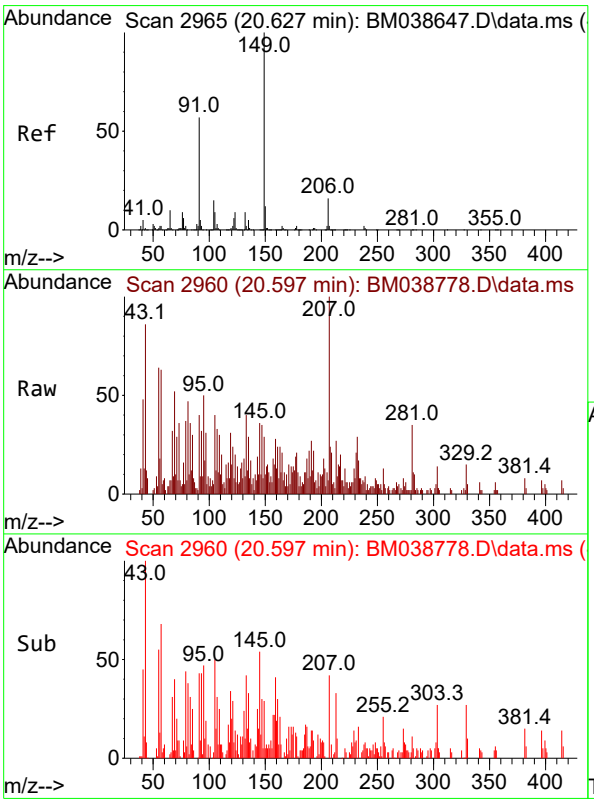
#79
Terphenyl-d14
Concen: 68.237 ng
RT: 19.909 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:244 Resp: 1182104

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	7.0	7.8	11.8#

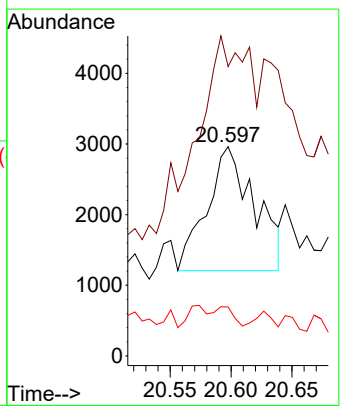


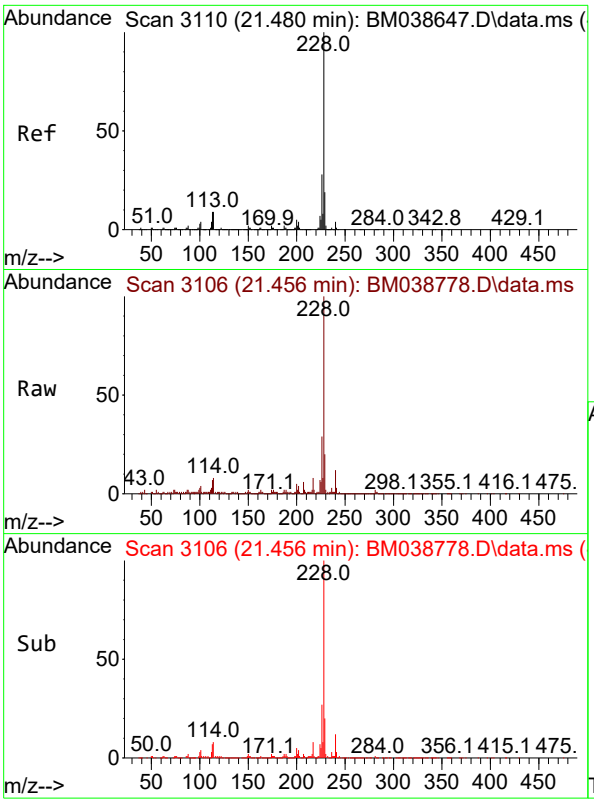


#80
Butylbenzylphthalate
Concen: 2.338 ng
RT: 20.597 min Scan# 2960
Delta R.T. -0.024 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:149 Resp: 4803

Ion	Ratio	Lower	Upper
149	100		
91	138.3	45.6	68.4#
206	23.4	12.5	18.7#



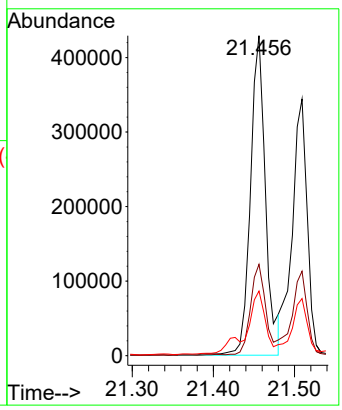


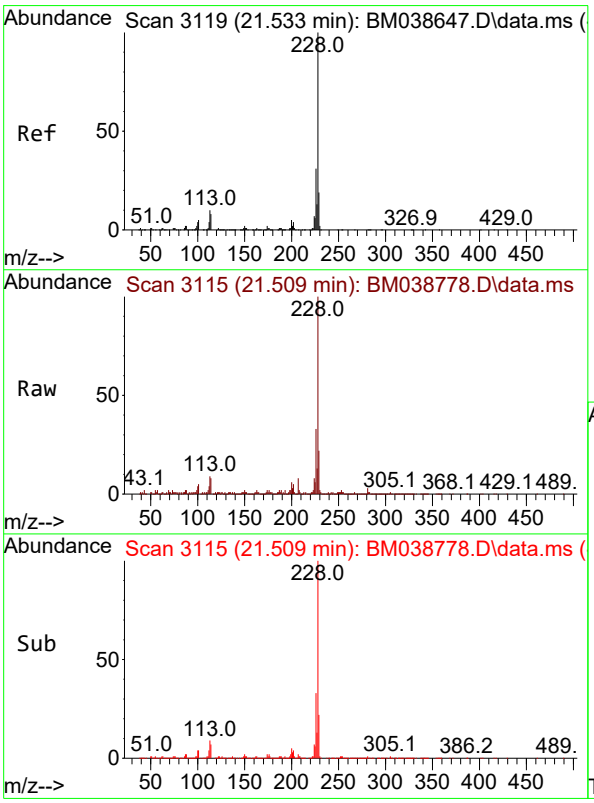
#81
Benzo(a)anthracene
Concen: 25.645 ng
RT: 21.456 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:228 Resp: 554564

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	20.2	15.5	23.3

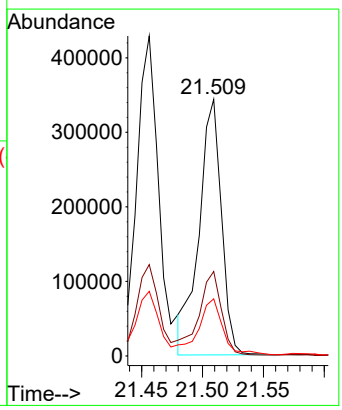


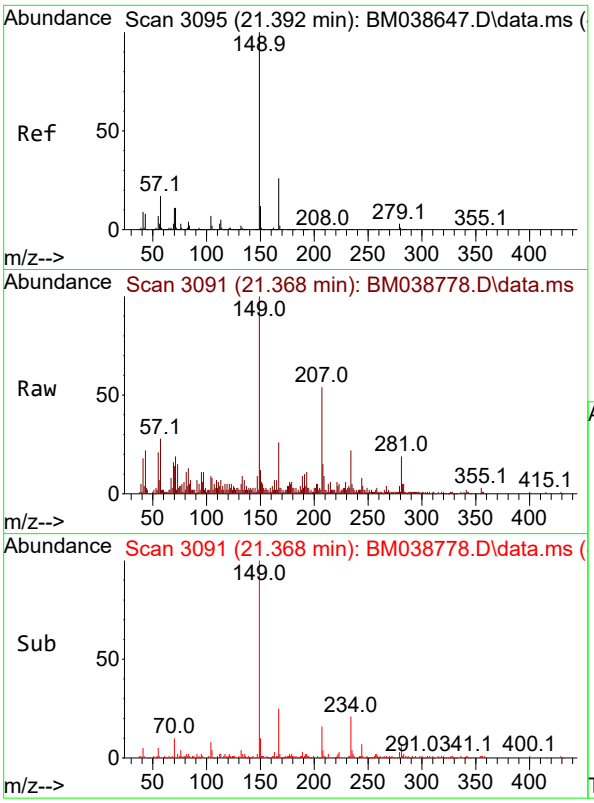


#83
Chrysene
Concen: 21.104 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:228 Resp: 439714

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.7	37.1
229	22.3	15.5	23.3



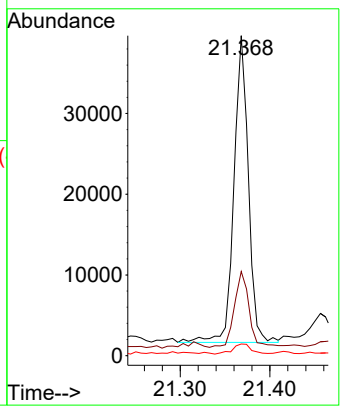


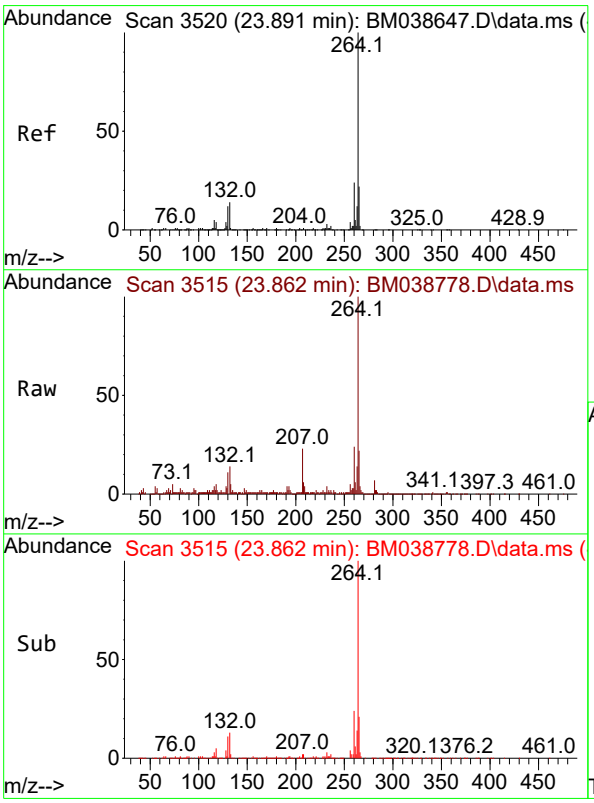
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.912 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:149 Resp: 42515

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.8	31.2
279	3.6	2.5	3.7

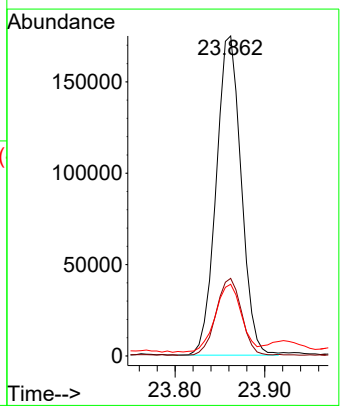


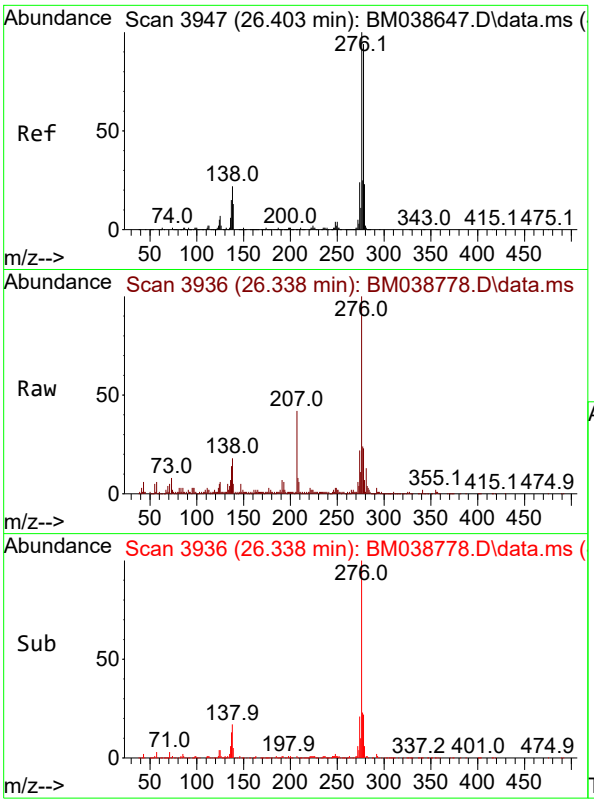


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.862 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:264 Resp: 338149

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.4	17.9	26.9



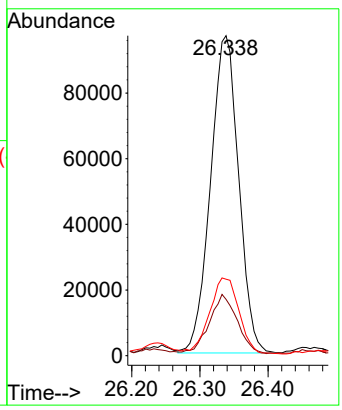


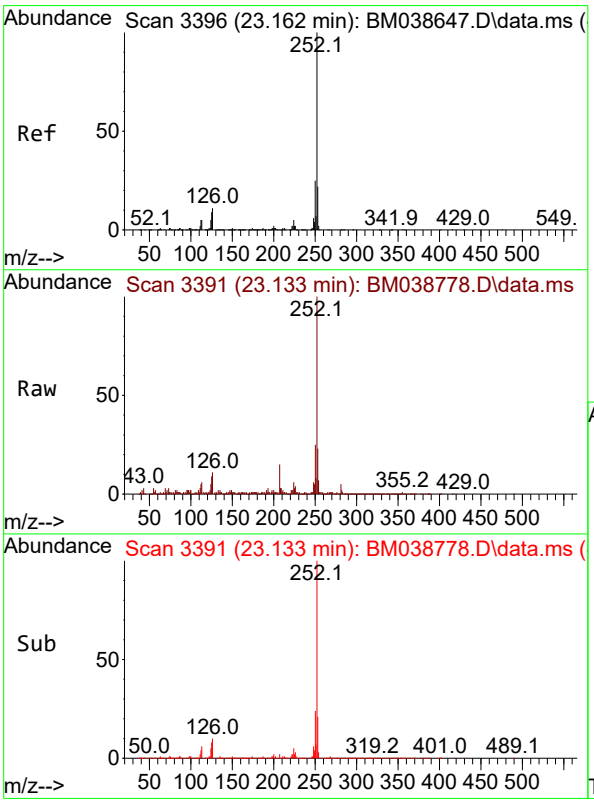
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.417 ng
RT: 26.338 min Scan# 3
Delta R.T. -0.041 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:276 Resp: 277456

Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.2	25.8
277	25.1	20.2	30.4

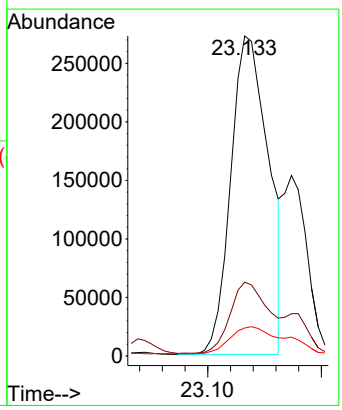


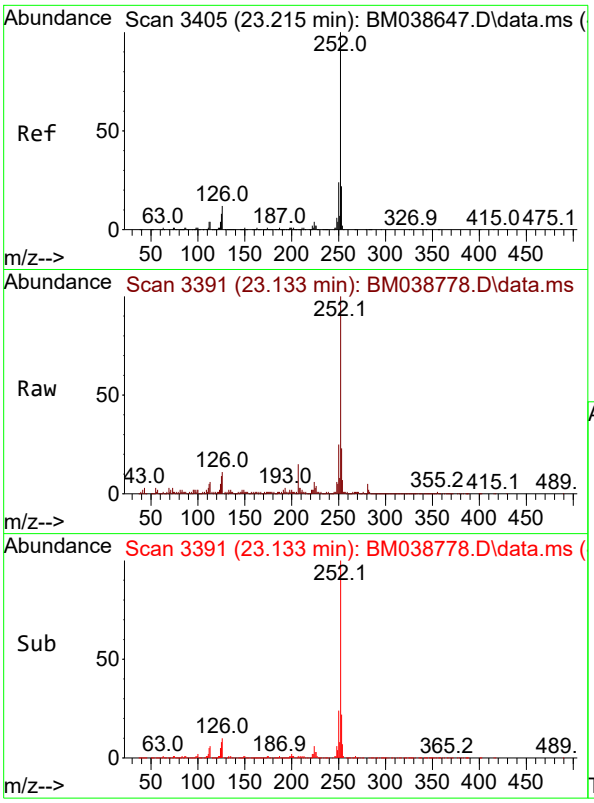


#88
Benzo(b)fluoranthene
Concen: 30.938 ng
RT: 23.133 min Scan# 3391
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:252 Resp: 626608

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	8.8	7.0	10.6



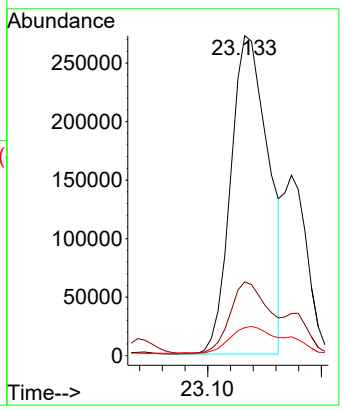


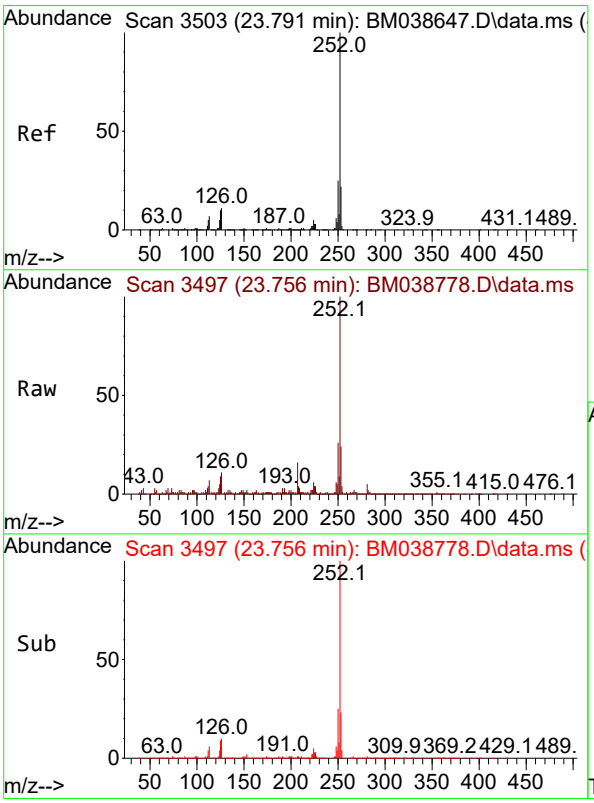
#89
Benzo(k)fluoranthene
Concen: 30.467 ng
RT: 23.133 min Scan# 3
Delta R.T. -0.065 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:252 Resp: 626608

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	8.8	6.6	9.8

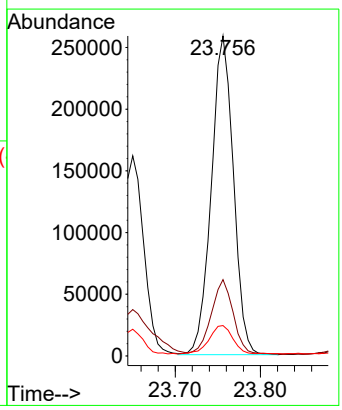


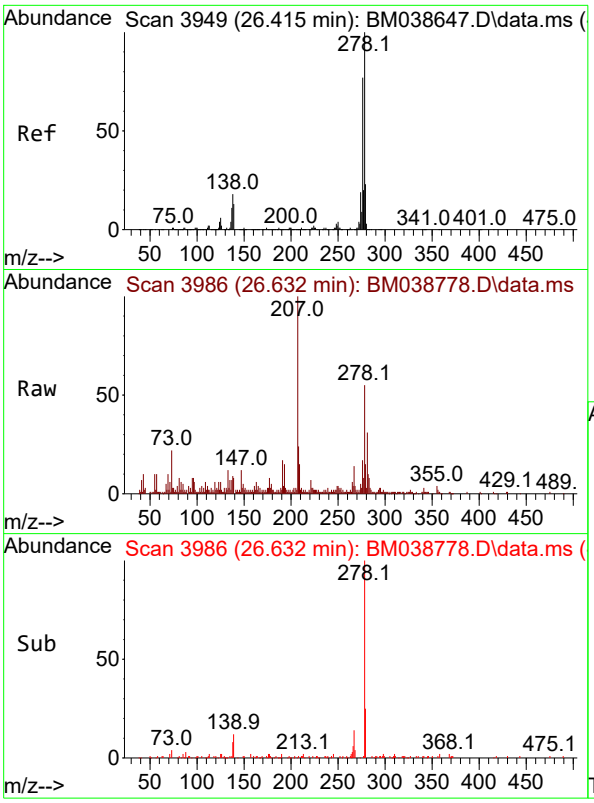


#90
Benzo(a)pyrene
Concen: 23.249 ng
RT: 23.756 min Scan# 3497
Delta R.T. -0.018 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:252 Resp: 465656

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	9.5	7.8	11.8



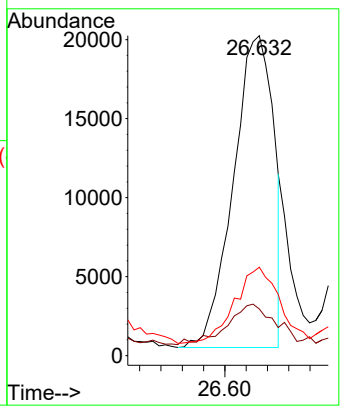


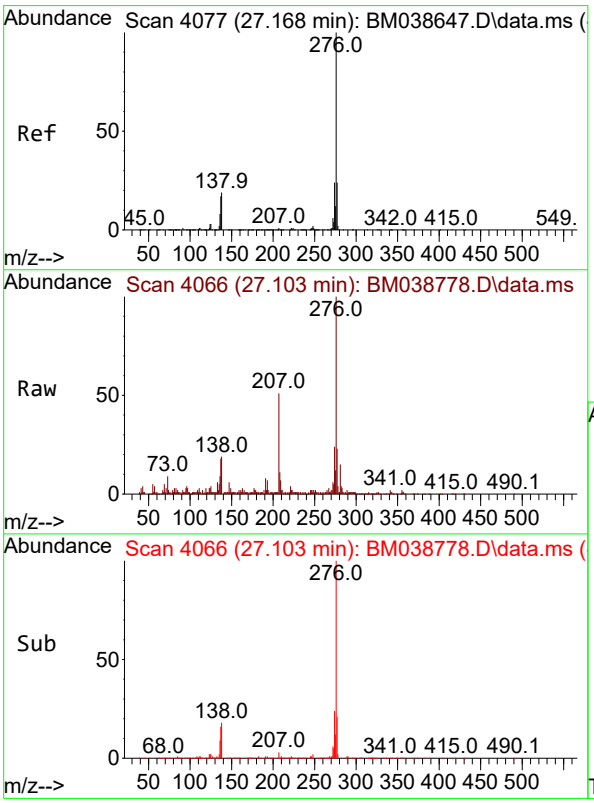
#91
Dibenzo(a,h)anthracene
Concen: 2.322 ng
RT: 26.632 min Scan# 3
Delta R.T. 0.247 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Tgt Ion:278 Resp: 52041

Ion	Ratio	Lower	Upper
278	100		
139	14.6	10.5	15.7
279	27.7	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 11.188 ng
RT: 27.103 min Scan# 4066
Delta R.T. -0.041 min
Lab File: BM038778.D
Acq: 17 Feb 2023 17:18

Tgt Ion:276 Resp: 253435

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	19.4	15.3	22.9