Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 10 16:11:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	44539	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	186141	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	132123	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	319987	20.000	ng	#	0.00
76) Chrysene-d12	21.444	240	274623	20.000	ng		0.00
86) Perylene-d12	23.821	264	231072	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	337280	122.214	ng		0.00
7) Phenol-d6	7.016	99	465106	122.885	ng		0.00
23) Nitrobenzene-d5	9.045	82	341313	85.477	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	283516	164.359	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	847102	86.273	ng		0.00
79) Terphenyl-d14	19.874	244	1724981	106.506	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.710	128	98128	10.204	ng		99
33) 4-Chloroaniline	10.710	127	12640	3.371	ng	#	36
37) 2-Methylnaphthalene	12.321	142	30473	4.499	ng		97
38) 1-Methylnaphthalene	12.545	142	21303	3.342	ng	#	97
46) 1,1'-Biphenyl	13.339	154	21078	2.087	ng		97
48) 2-Nitroaniline	13.668	65	463	4.491	ng	#	13
49) Acenaphthylene	14.233	152	55912	4.557	ng		98
52) Acenaphthene	14.568	154	235770	31.659	ng		99
53) 3-Nitroaniline	14.563	138	159	4.415	ng	#	1
55) Dibenzofuran	14.904	168	182174	15.045	ng		98
56) 4-Nitrophenol	14.904	139	71487	42.249	ng	#	1
57) 2,4-Dinitrotoluene	14.886	165	334	4.071	ng	#	1
58) Fluorene	15.551	166	280993	28.682	ng		100
62) 4-Nitroaniline	15.551	138	3498	7.250	ng	#	16
71) Phenanthrene	17.304	178	2257820	135.019	ng		99
72) Anthracene	17.392	178	372408	22.484	ng		99
73) Carbazole	17.680	167	199730	14.823	ng		99
75) Fluoranthene	19.315	202	2194895	111.739	ng		96
78) Pyrene	19.686	202	1843463	97.758	ng		99
81) Benzo(a)anthracene	21.427	228	481324	27.547	ng		98
83) Chrysene	21.480	228	527978	29.747	ng		97
84) Bis(2-ethylhexyl)phtha...	21.309	149	34117	2.803	ng	#	91
85) Di-n-octyl phthalate	22.215	149	64167	3.063	ng	#	40
87) Indeno(1,2,3-cd)pyrene	26.291	276	133036	9.673	ng	#	87
88) Benzo(b)fluoranthene	23.091	252	738249	57.346	ng		97
89) Benzo(k)fluoranthene	23.091	252	738249	51.464	ng		98
90) Benzo(a)pyrene	23.715	252	218635	17.250	ng		95
91) Dibenzo(a,h)anthracene	26.591	278	9197	4.800	ng		97
92) Benzo(g,h,i)perylene	27.068	276	121689	10.039	ng	#	92

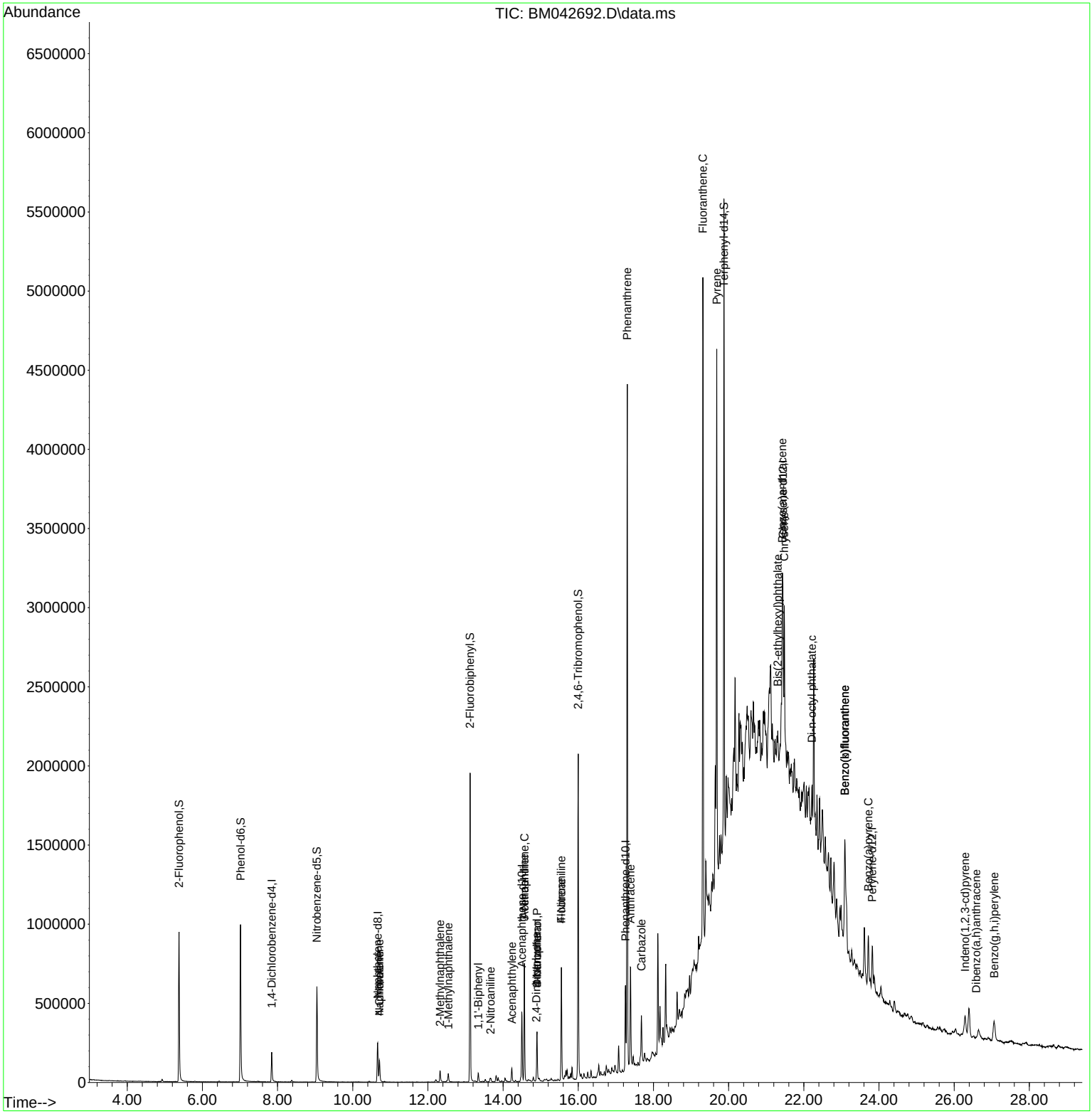
(#) = qualifier out of range (m) = manual integration (+) = signals summed

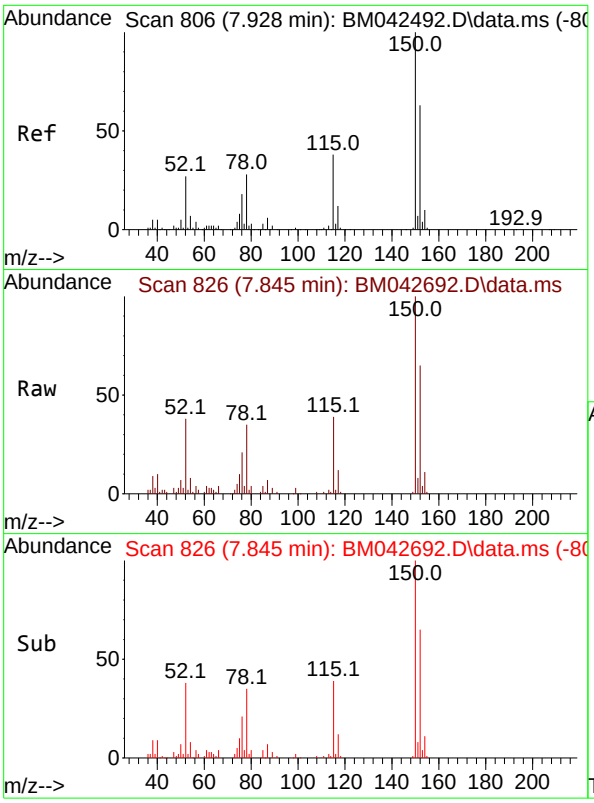
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042692.D
Acq On : 10 Nov 2023 15:34
Operator : MA/JU
Sample : 05317-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 10 16:11:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration



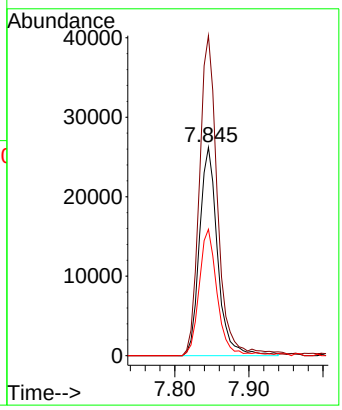


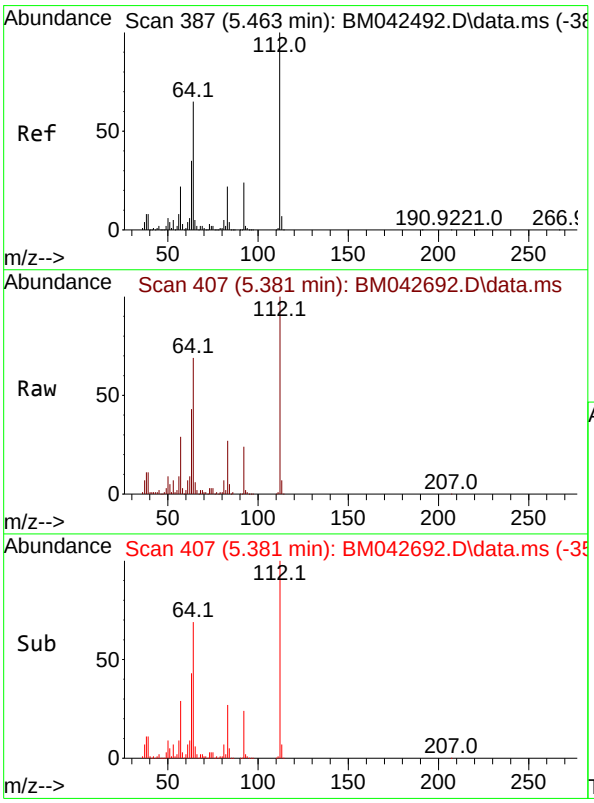
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 44539

Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.4	191.0
115	60.6	47.9	71.9

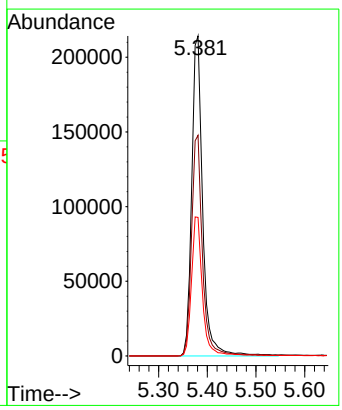


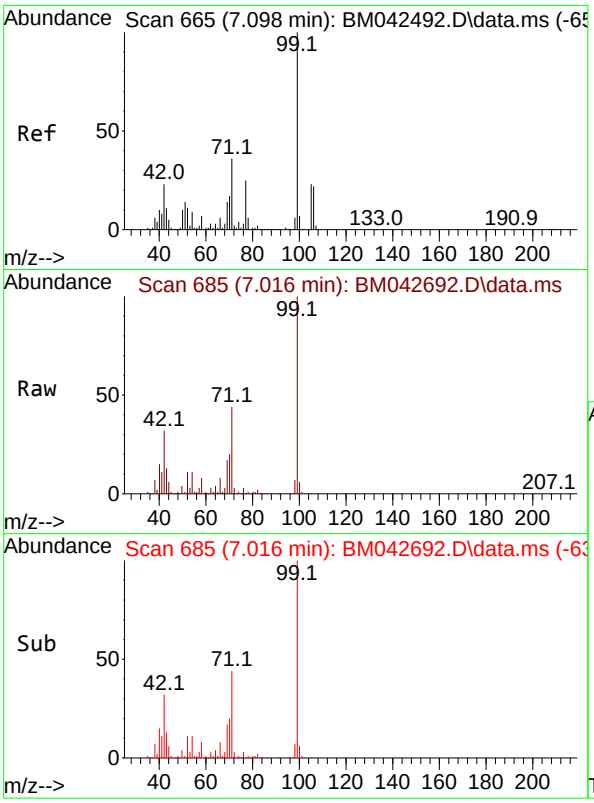


#5
2-Fluorophenol
Concen: 122.214 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:112 Resp: 337280

Ion	Ratio	Lower	Upper
112	100		
64	68.9	52.1	78.1
63	43.3	28.3	42.5#



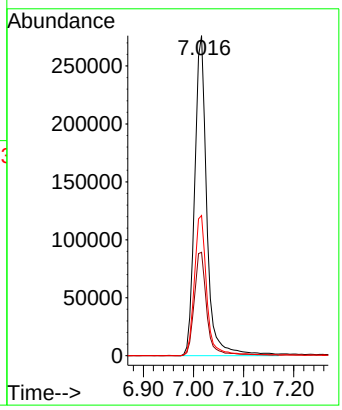


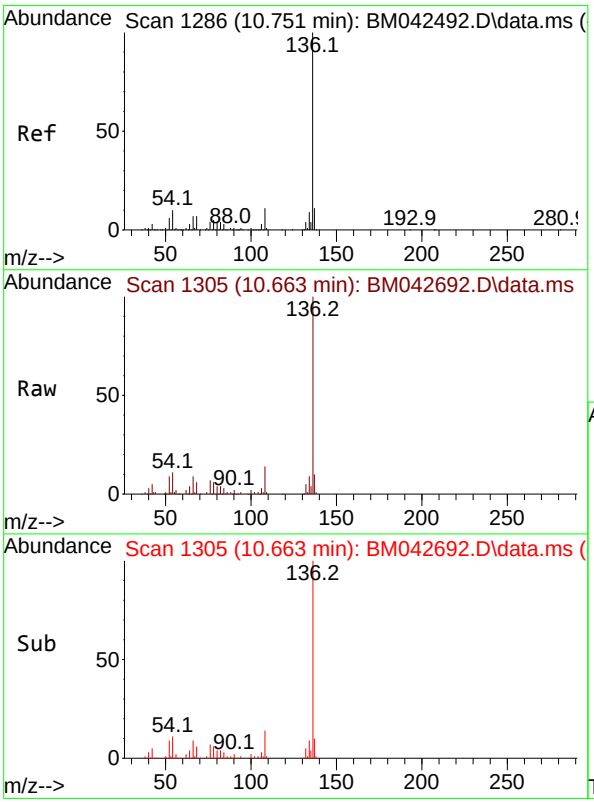
#7
Phenol-d6
Concen: 122.885 ng
RT: 7.016 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 465106

Ion	Ratio	Lower	Upper
99	100		
42	32.3	18.7	28.1#
71	43.8	29.1	43.7#

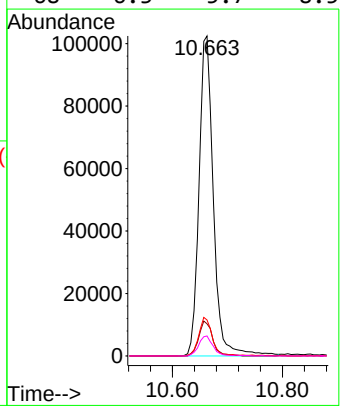


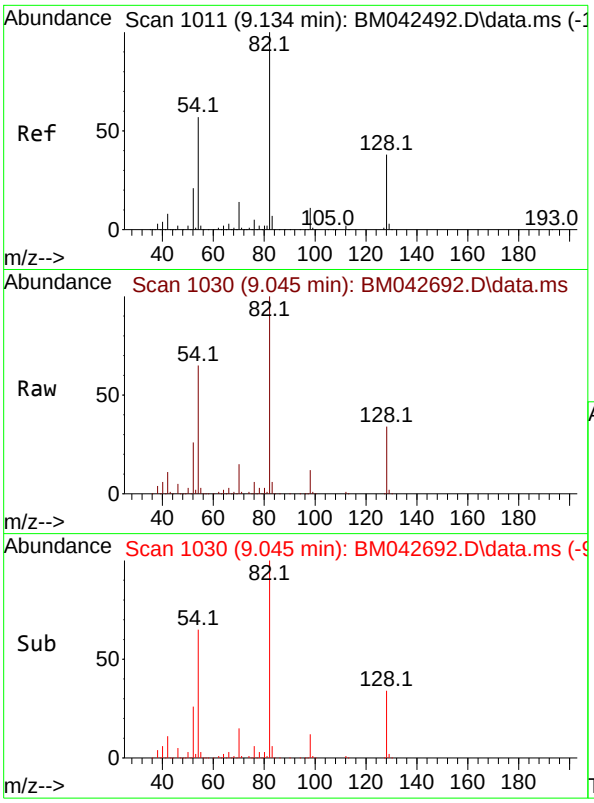


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:136 Resp: 186141

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.6
54	11.3	8.0	12.0
68	6.3	5.7	8.5



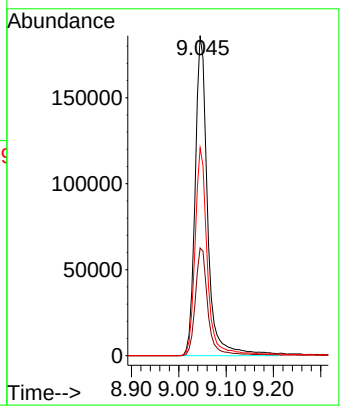


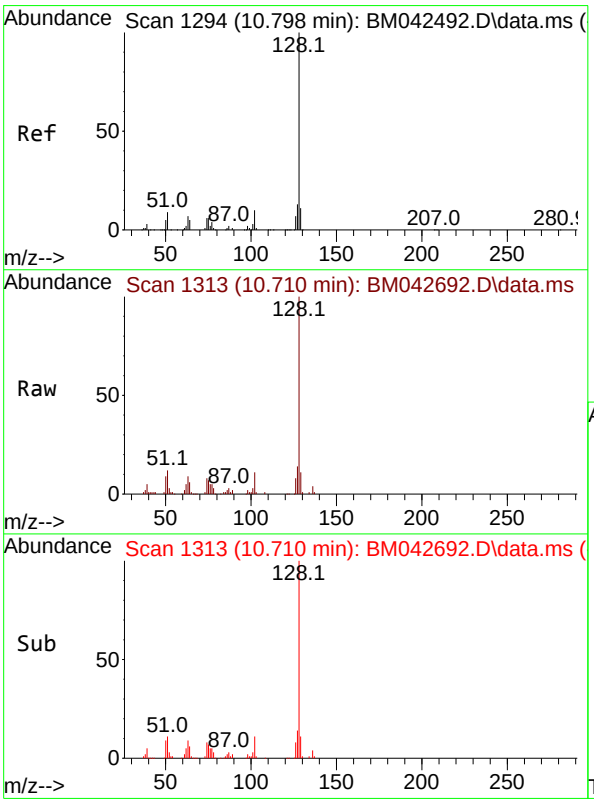
#23
Nitrobenzene-d5
Concen: 85.477 ng
RT: 9.045 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 341313

Ion	Ratio	Lower	Upper
82	100		
128	33.7	30.7	46.1
54	65.0	45.3	67.9

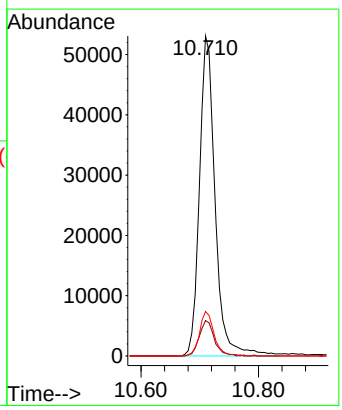


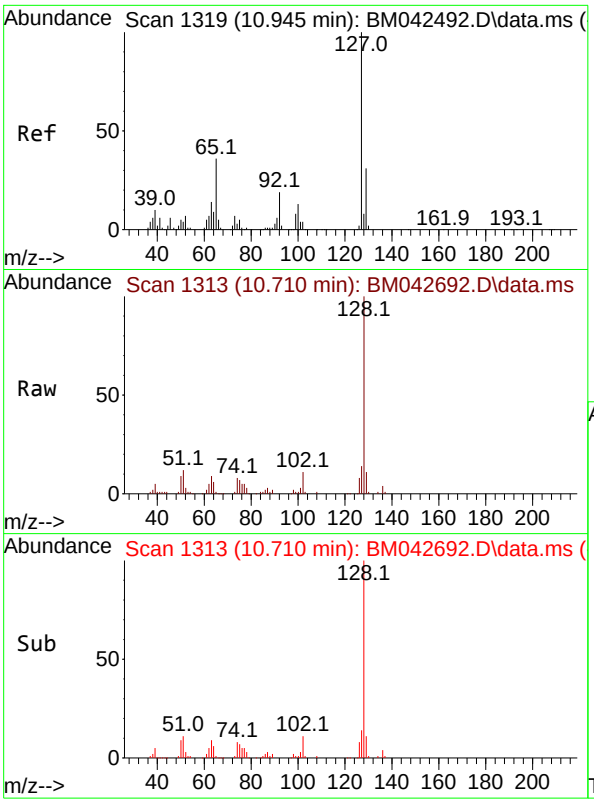


#31
Naphthalene
Concen: 10.204 ng
RT: 10.710 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:128 Resp: 98128

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.9	10.6	15.8



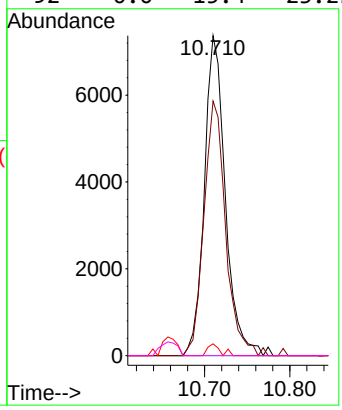


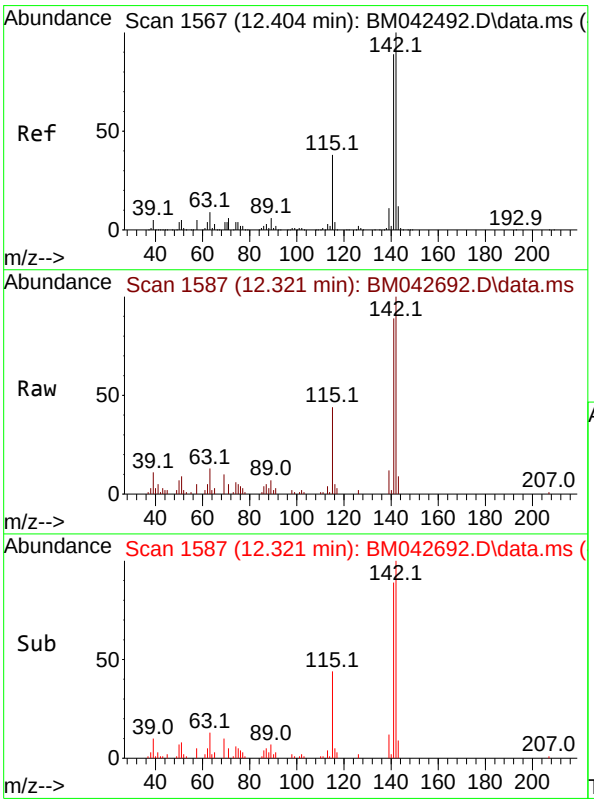
#33
4-Chloroaniline
Concen: 3.371 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.147 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 12640

Ion	Ratio	Lower	Upper
127	100		
129	79.6	25.0	37.4#
65	3.7	29.0	43.4#
92	0.0	15.4	23.2#

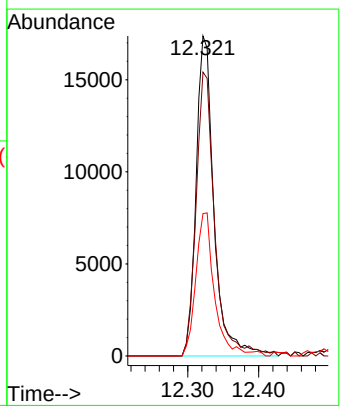


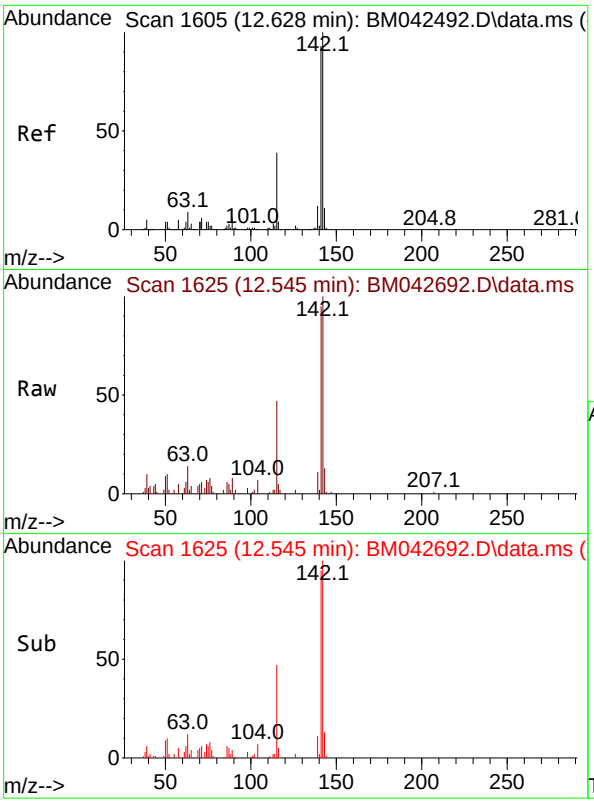


#37
2-Methylnaphthalene
Concen: 4.499 ng
RT: 12.321 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:142 Resp: 30473

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	44.5	30.2	45.2



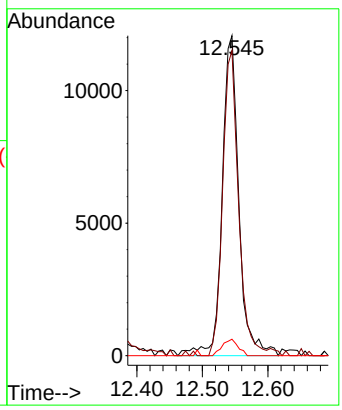


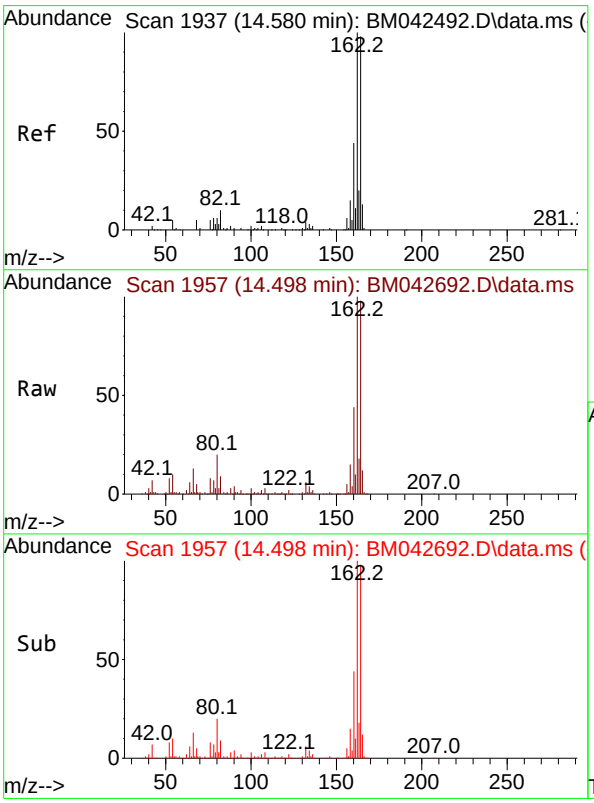
#38
1-Methylnaphthalene
Concen: 3.342 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 21303

Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.4	111.6
116	5.2	3.2	4.8#

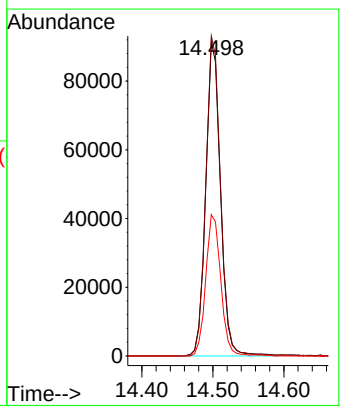


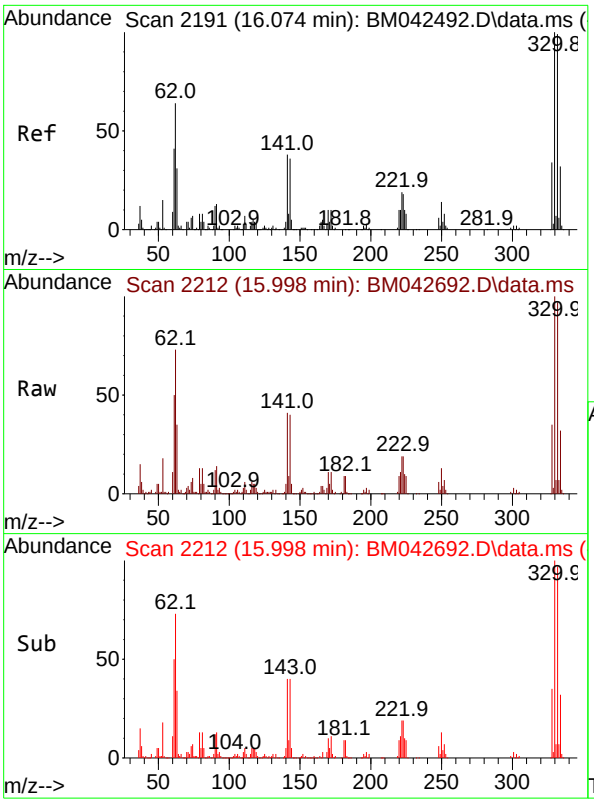


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:164 Resp: 132123

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	45.0	36.2	54.4



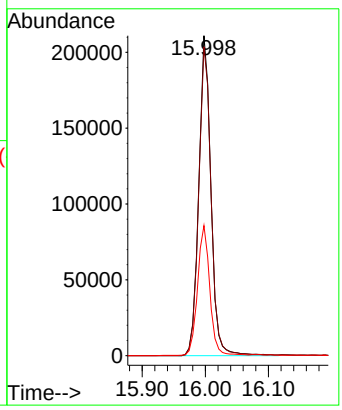


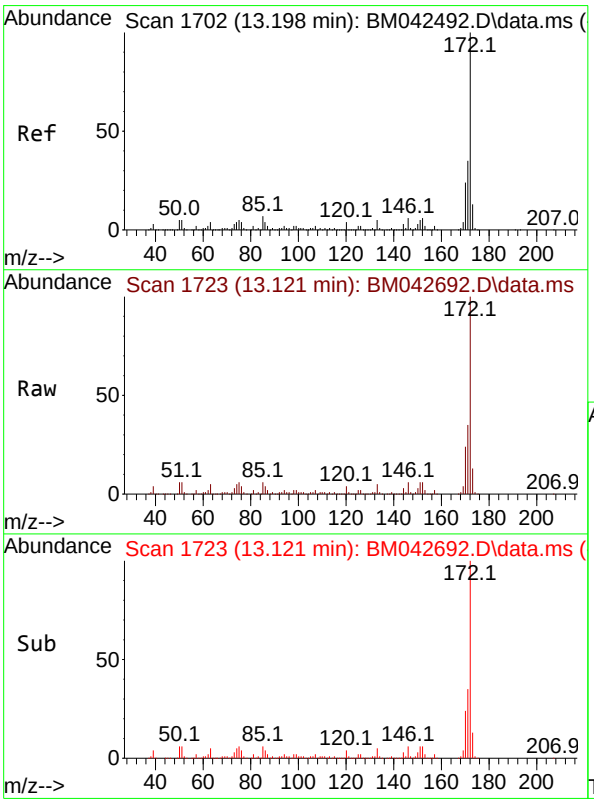
#42
2,4,6-Tribromophenol
Concen: 164.359 ng
RT: 15.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 283516

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.8	118.2
141	40.6	31.1	46.7

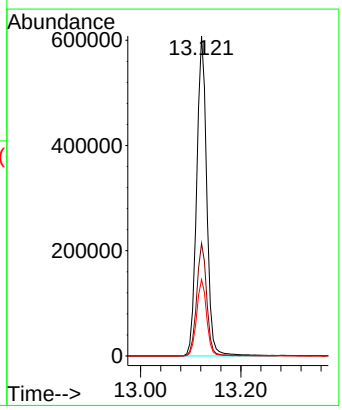


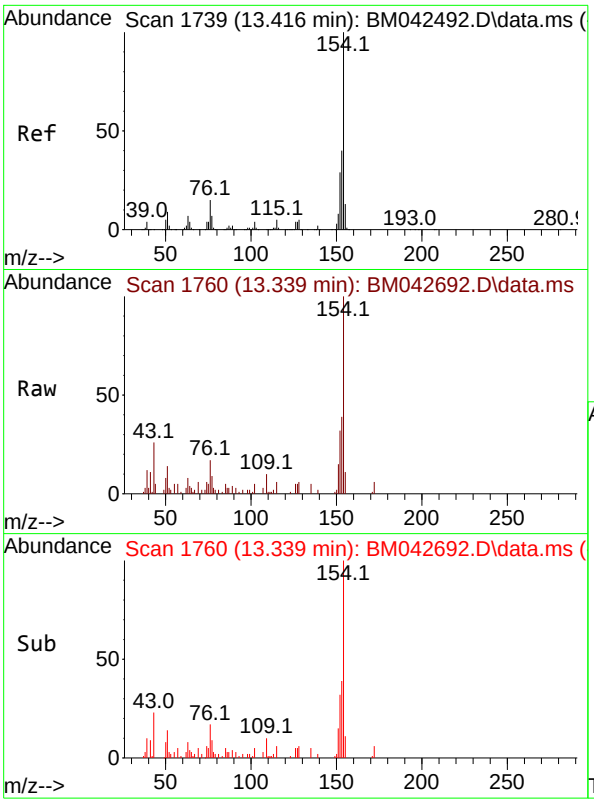


#45
2-Fluorobiphenyl
Concen: 86.273 ng
RT: 13.121 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:172 Resp: 847102

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.9	19.0	28.4



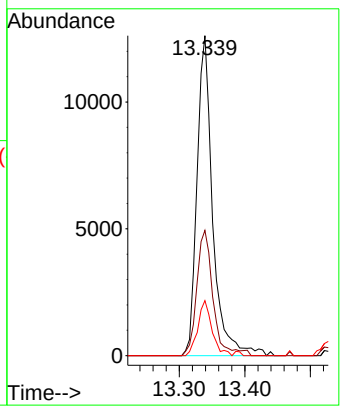


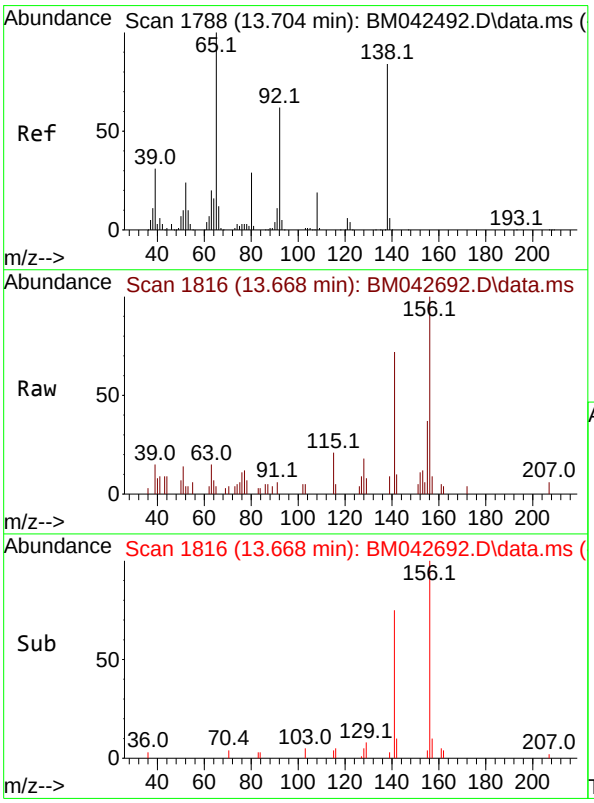
#46
1,1'-Biphenyl
Concen: 2.087 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 21078

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.3	60.3
76	17.2	0.0	35.0

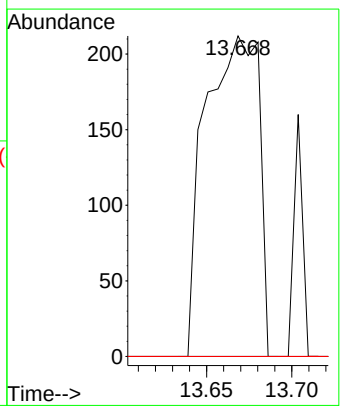


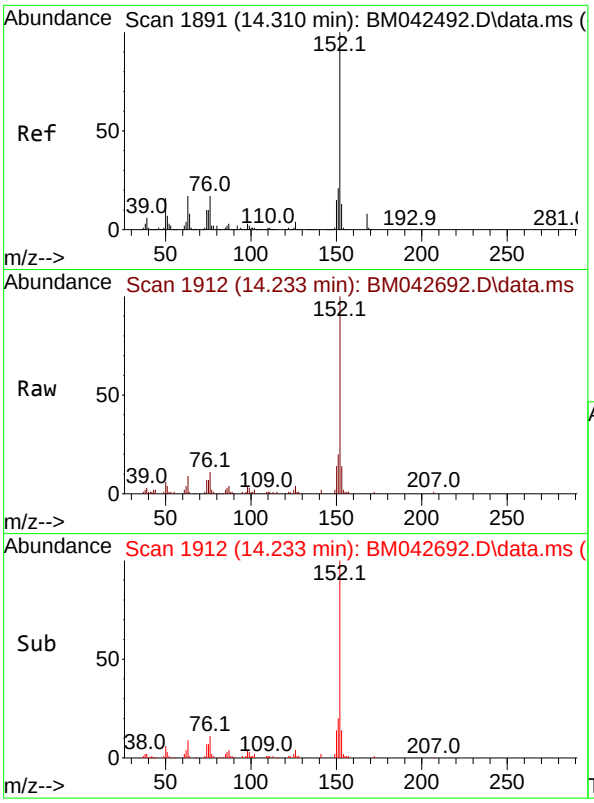


#48
2-Nitroaniline
Concen: 4.491 ng
RT: 13.668 min Scan# 1816
Delta R.T. 0.035 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion: 65 Resp: 463

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.4	74.2#
138	0.0	66.9	100.3#



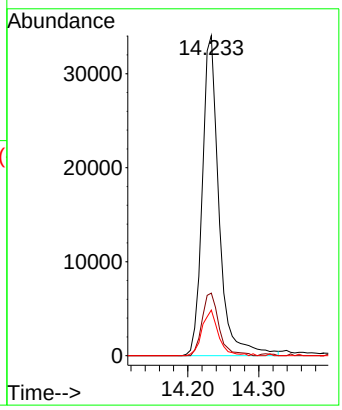


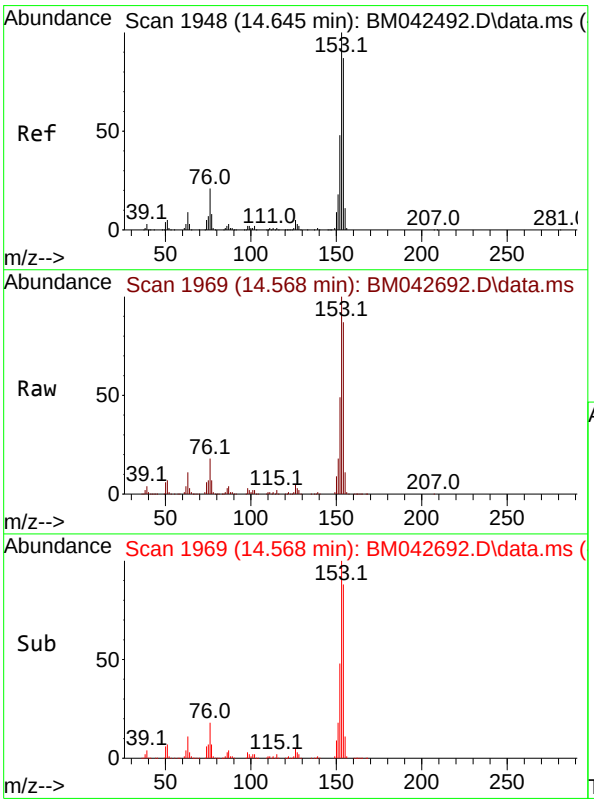
#49
Acenaphthylene
Concen: 4.557 ng
RT: 14.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 55912

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	14.2	10.4	15.6

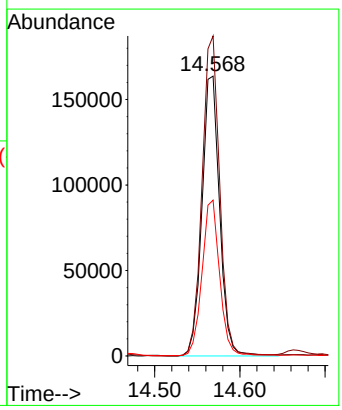


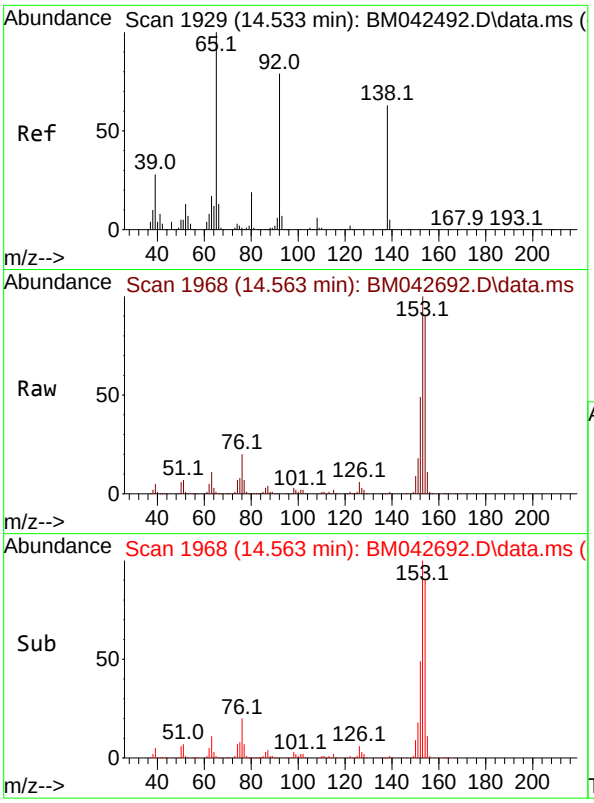


#52
Acenaphthene
Concen: 31.659 ng
RT: 14.568 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:154 Resp: 235770

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.0	138.0
152	55.7	44.0	66.0



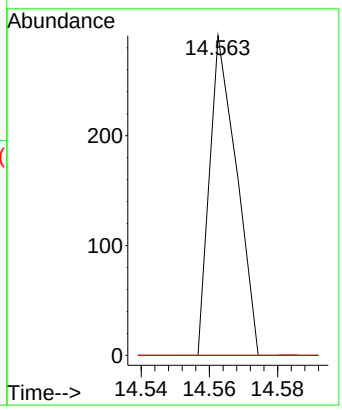


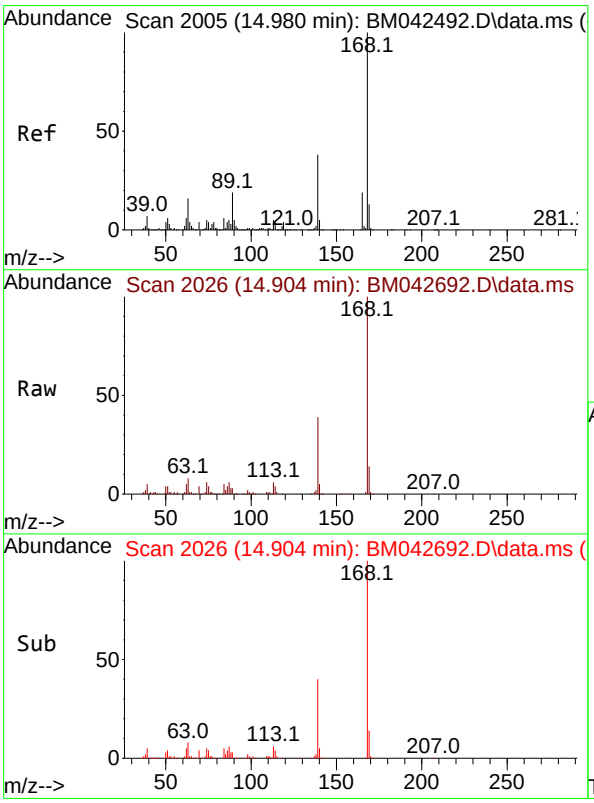
#53
3-Nitroaniline
Concen: 4.415 ng
RT: 14.563 min Scan# 1
Delta R.T. 0.100 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 159

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.9	11.9#
92	0.0	100.7	151.1#

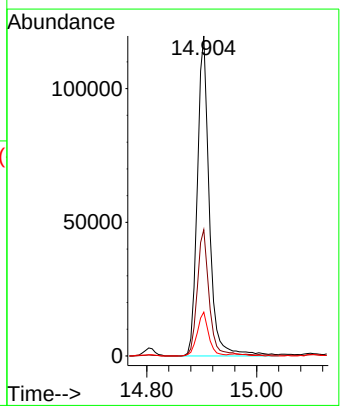


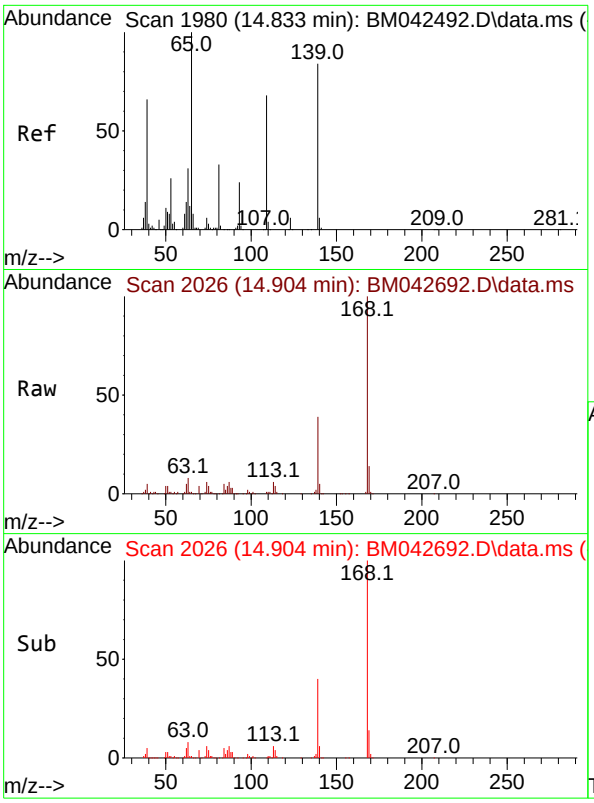


#55
Dibenzofuran
Concen: 15.045 ng
RT: 14.904 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:168 Resp: 182174

Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6
169	13.7	10.6	15.8



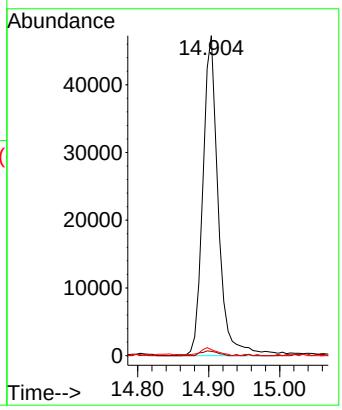


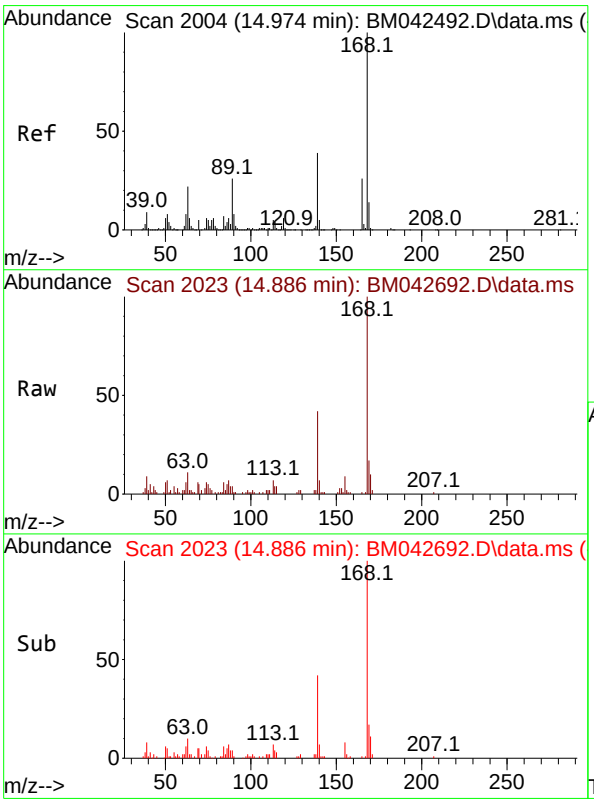
#56
4-Nitrophenol
Concen: 42.249 ng
RT: 14.904 min Scan# 2
Delta R.T. 0.147 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 71487

Ion	Ratio	Lower	Upper
139	100		
109	1.3	61.3	101.3#
65	1.9	100.2	140.2#

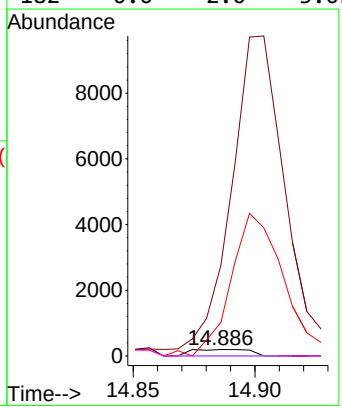


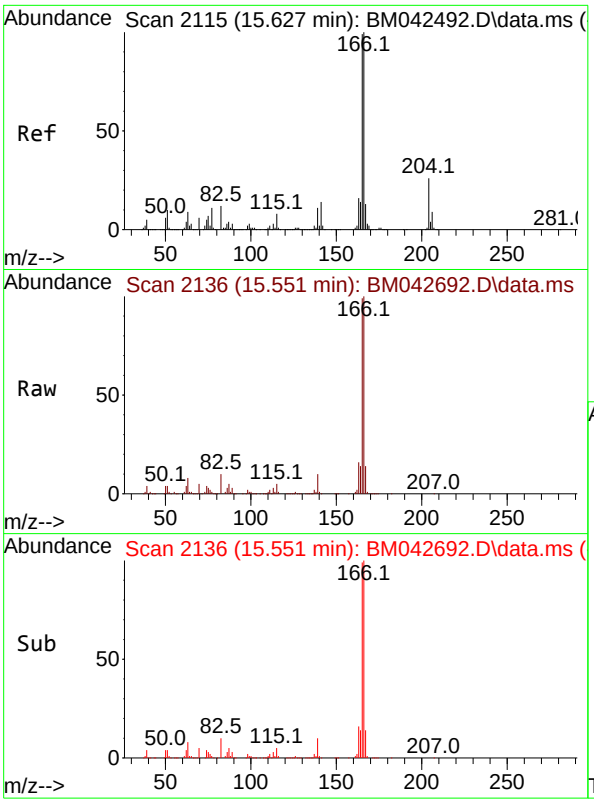


#57
2,4-Dinitrotoluene
Concen: 4.071 ng
RT: 14.886 min Scan# 2023
Delta R.T. -0.024 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:165 Resp: 334

Ion	Ratio	Lower	Upper
165	100		
63	1404.6	66.7	100.1#
89	518.8	80.2	120.4#
182	0.0	2.0	3.0#



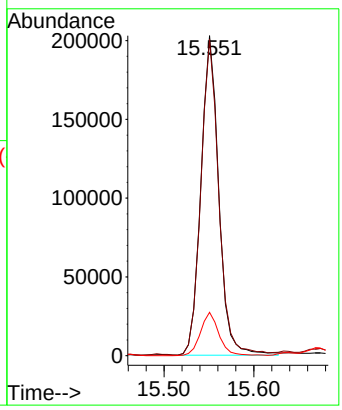


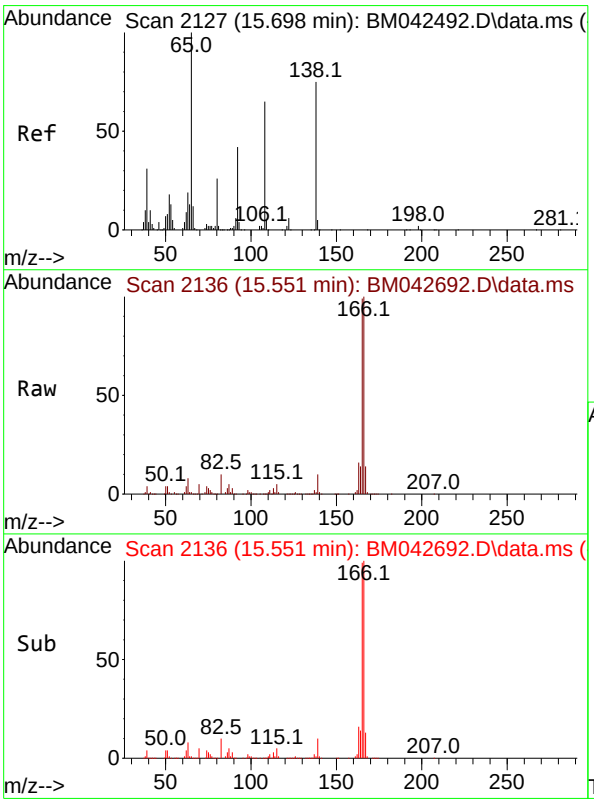
#58
Fluorene
Concen: 28.682 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 280993

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.3	118.9
167	13.6	10.5	15.7

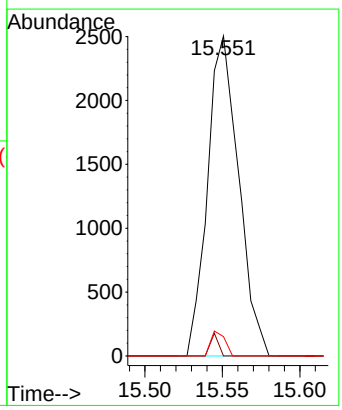


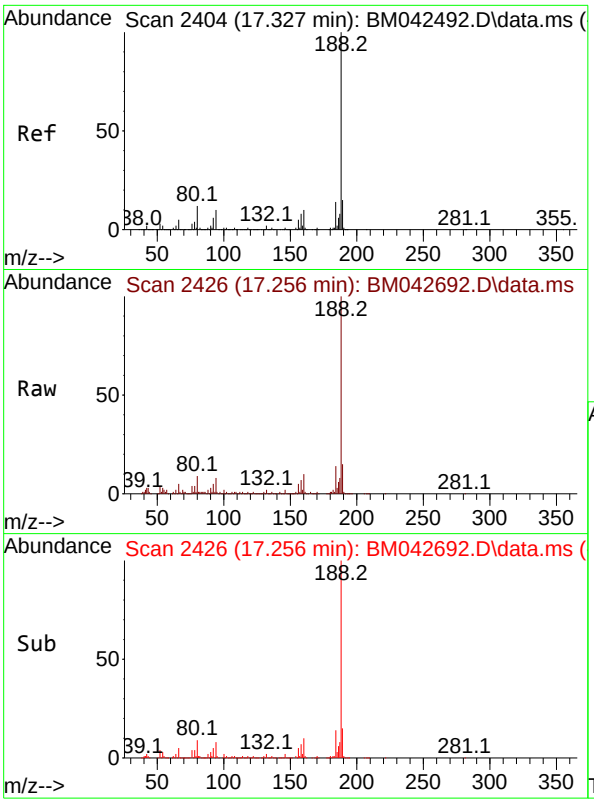


#62
4-Nitroaniline
Concen: 7.250 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.077 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:138 Resp: 3498

Ion	Ratio	Lower	Upper
138	100		
92	0.0	37.0	77.0#
108	6.1	67.2	107.2#



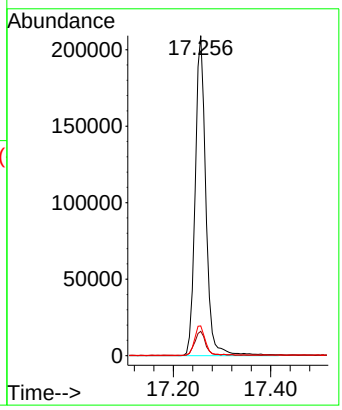


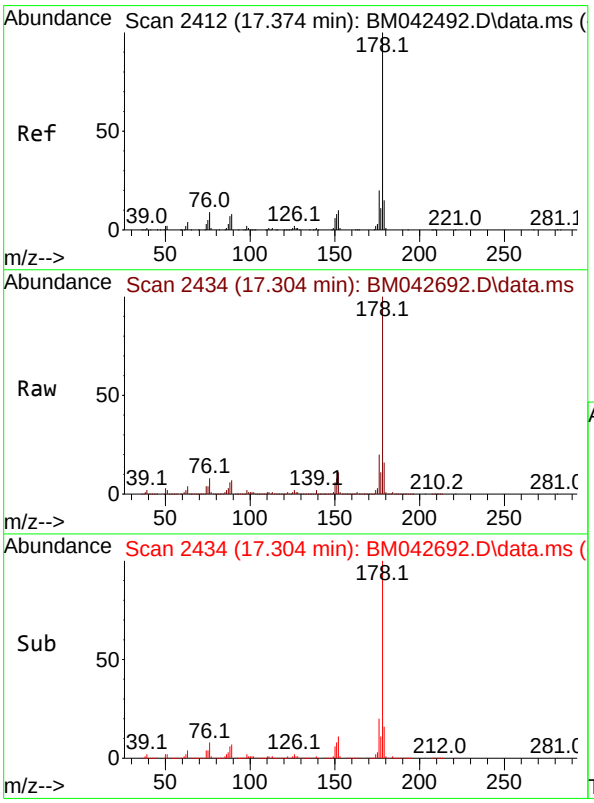
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 319987

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.4#
80	9.3	9.4	14.2#

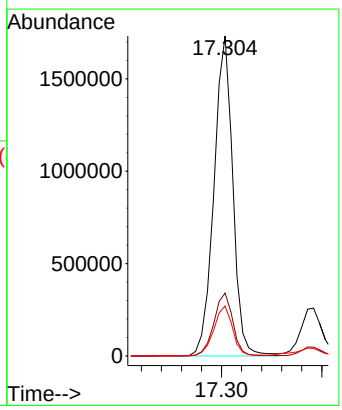


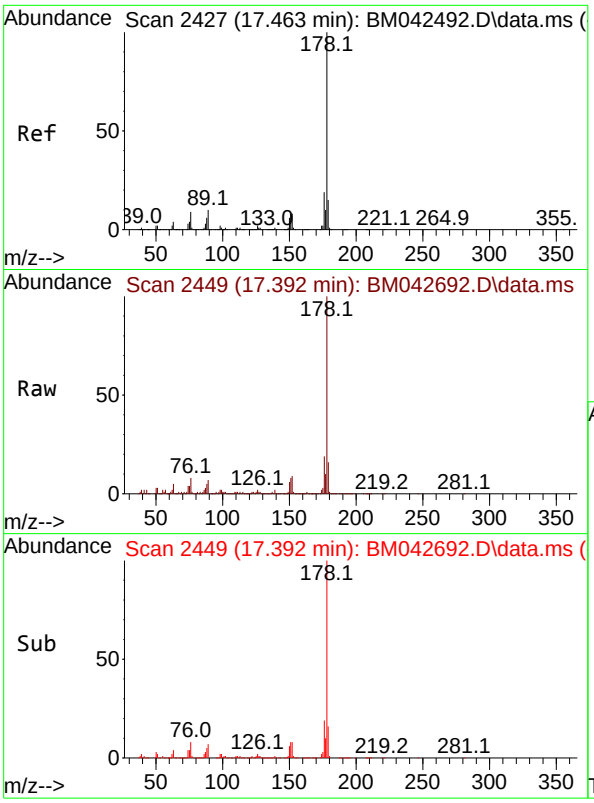


#71
Phenanthrene
Concen: 135.019 ng
RT: 17.304 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:178 Resp: 2257820

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.2	18.4



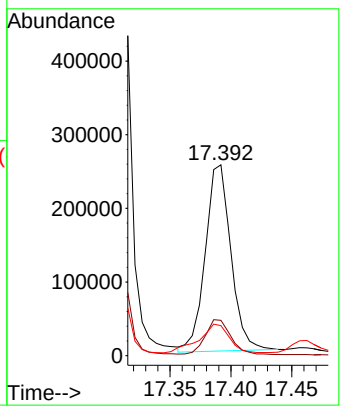


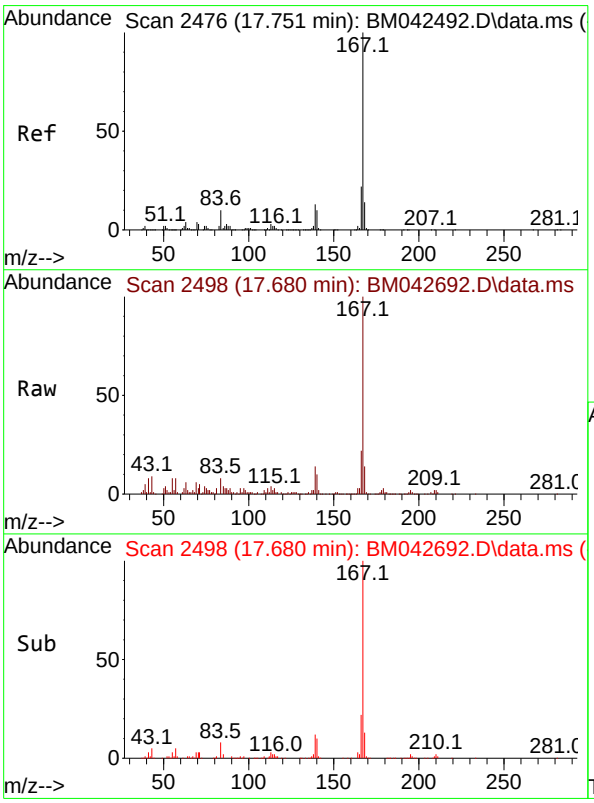
#72
Anthracene
Concen: 22.484 ng
RT: 17.392 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 372408

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.8	12.3	18.5

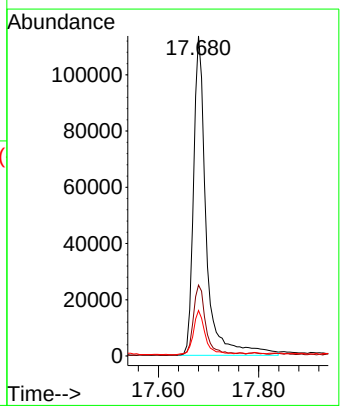


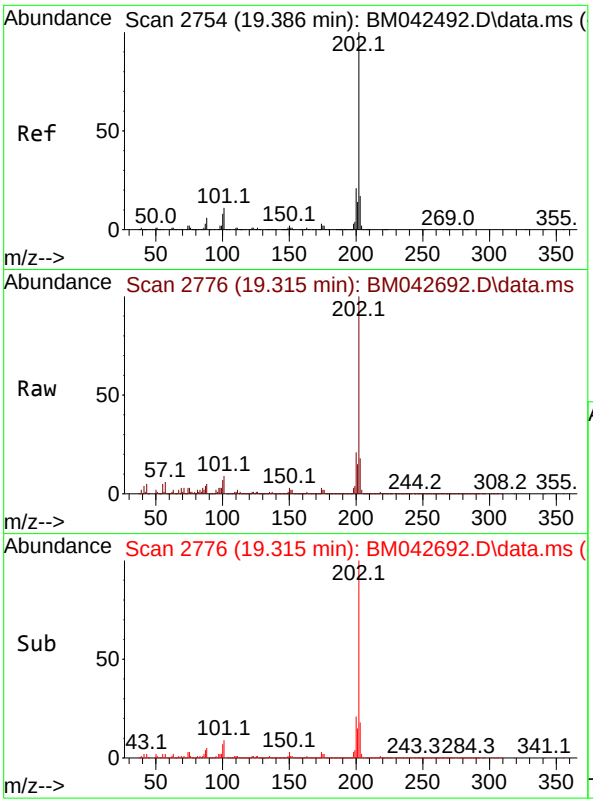


#73
Carbazole
Concen: 14.823 ng
RT: 17.680 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:167 Resp: 199730

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.2	10.5	15.7



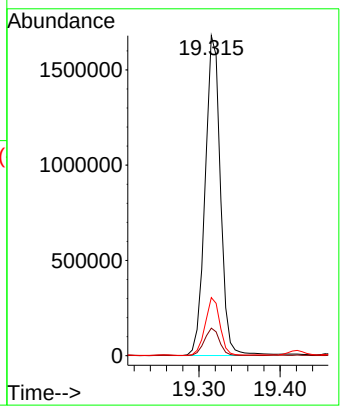


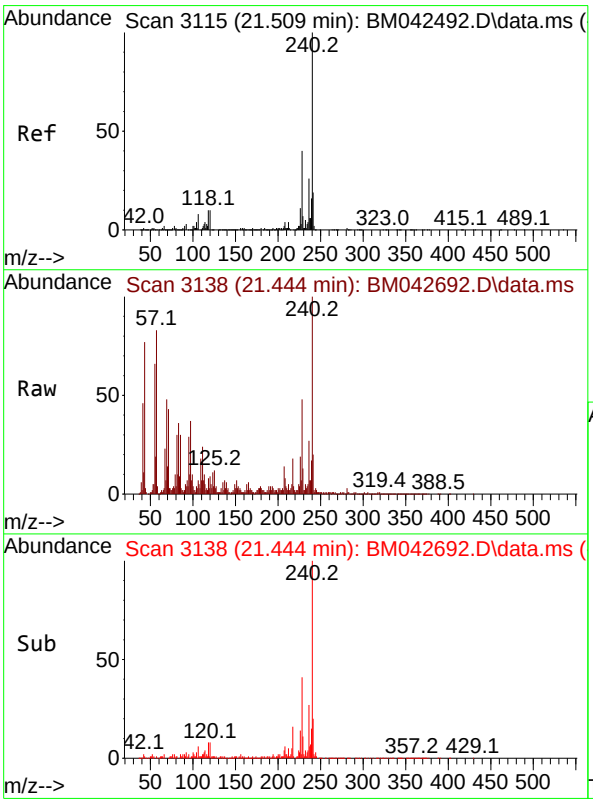
#75
Fluoranthene
Concen: 111.739 ng
RT: 19.315 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2194895

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.5
203	18.2	0.0	37.0

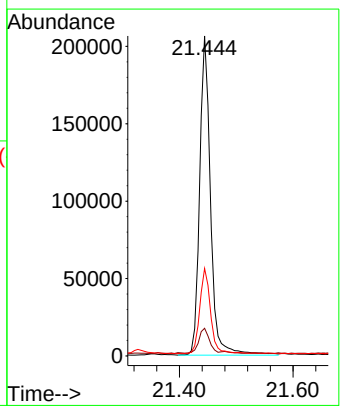


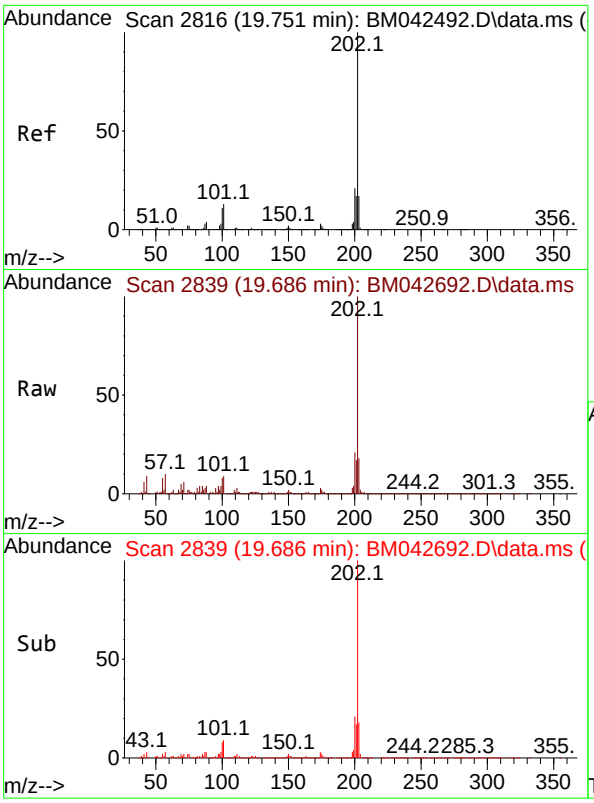


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:240 Resp: 274623

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.3	12.5
236	27.4	20.8	31.2



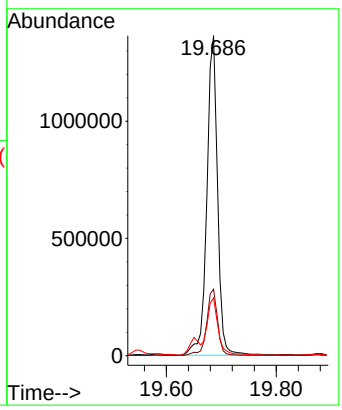


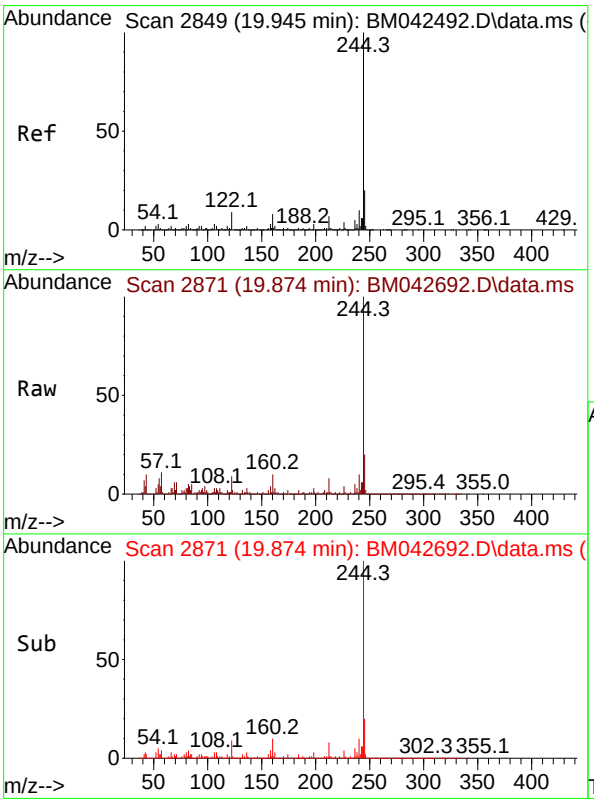
#78
Pyrene
Concen: 97.758 ng
RT: 19.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1843463

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.0	13.7	20.5

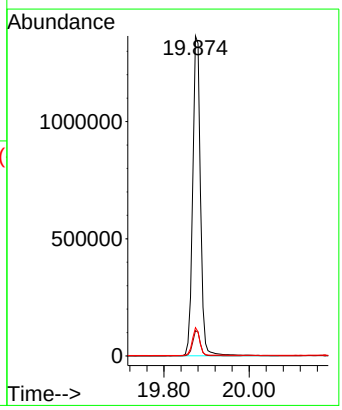


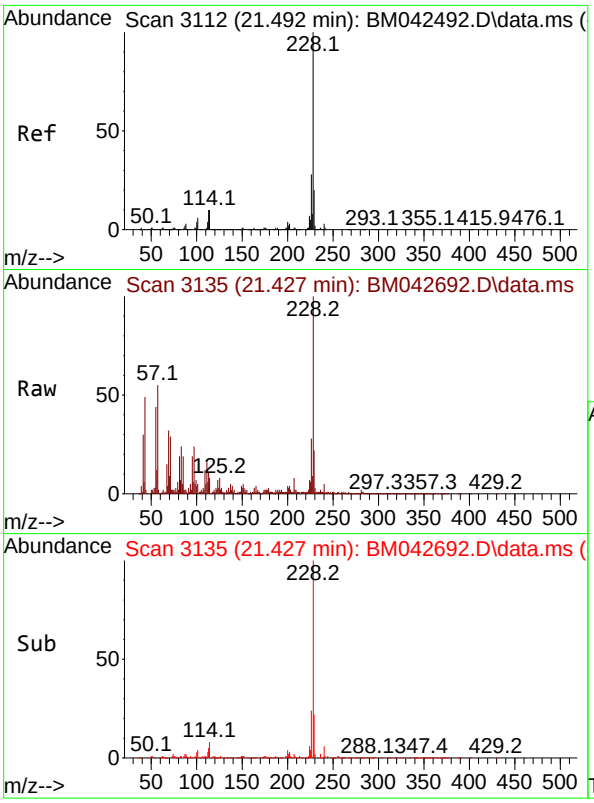


#79
Terphenyl-d14
Concen: 106.506 ng
RT: 19.874 min Scan# 2871
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:244 Resp: 1724981

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	8.9	7.2	10.8



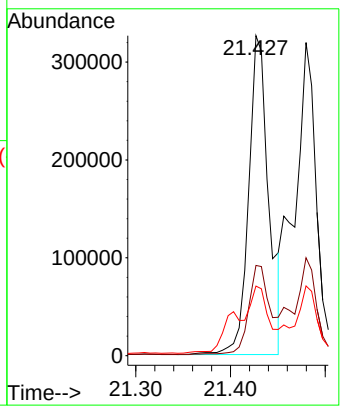


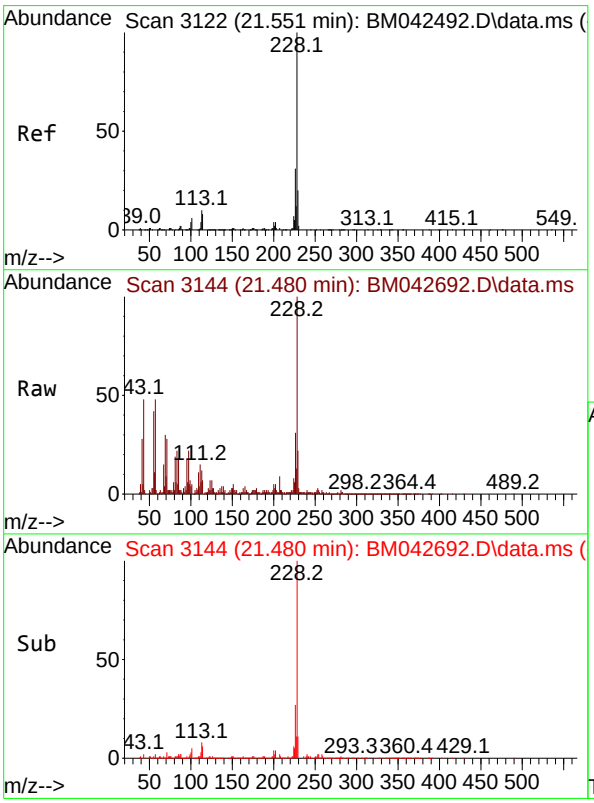
#81
Benzo(a)anthracene
Concen: 27.547 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 481324

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	21.7	15.8	23.8

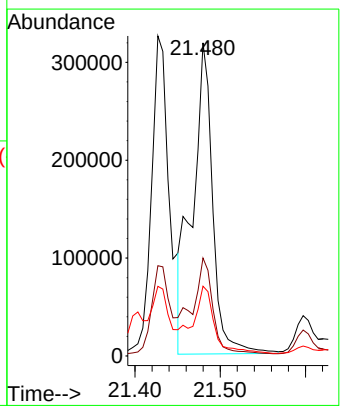


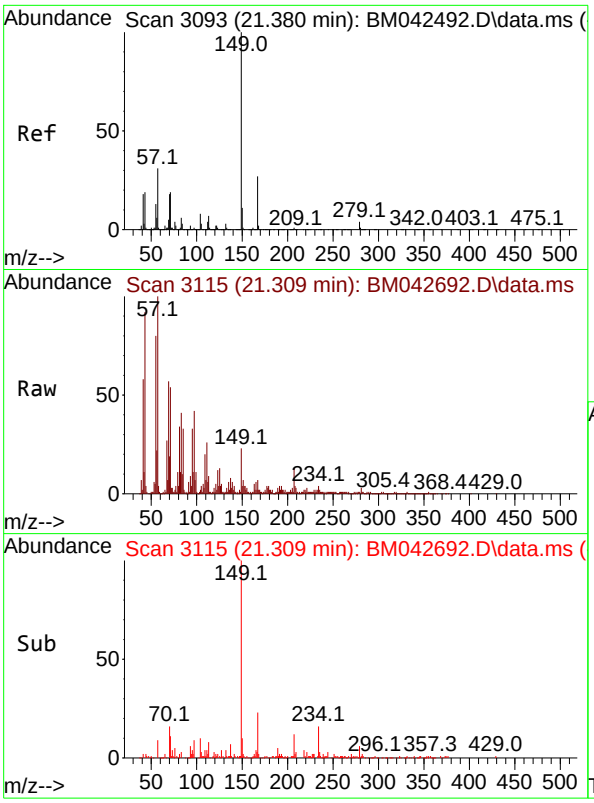


#83
Chrysene
Concen: 29.747 ng
RT: 21.480 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:228 Resp: 527978

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	22.3	15.7	23.5



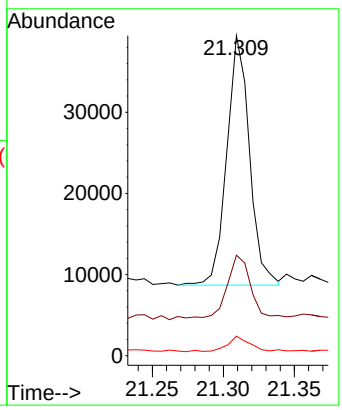


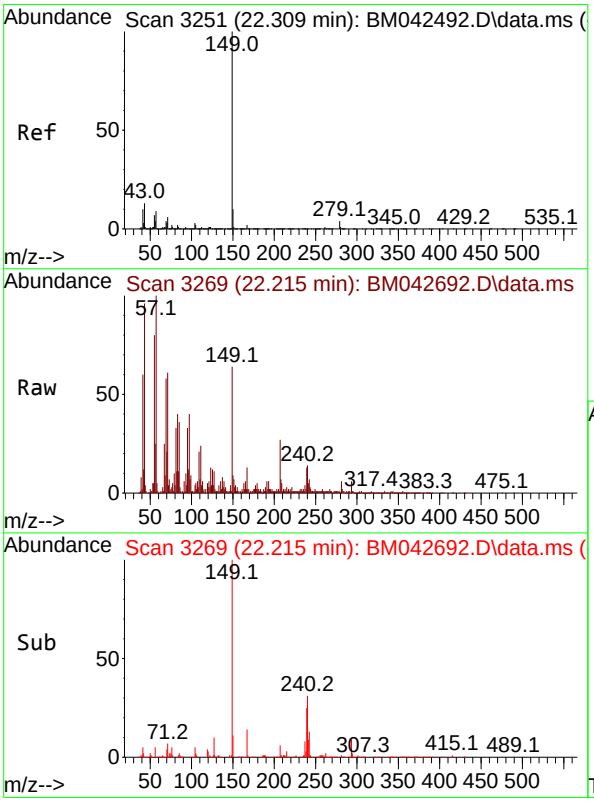
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.803 ng
RT: 21.309 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 34117

Ion	Ratio	Lower	Upper
149	100		
167	31.4	21.4	32.0
279	6.1	3.4	5.2#

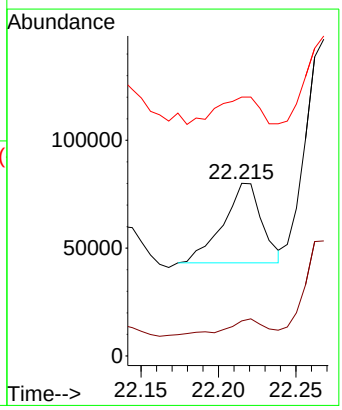


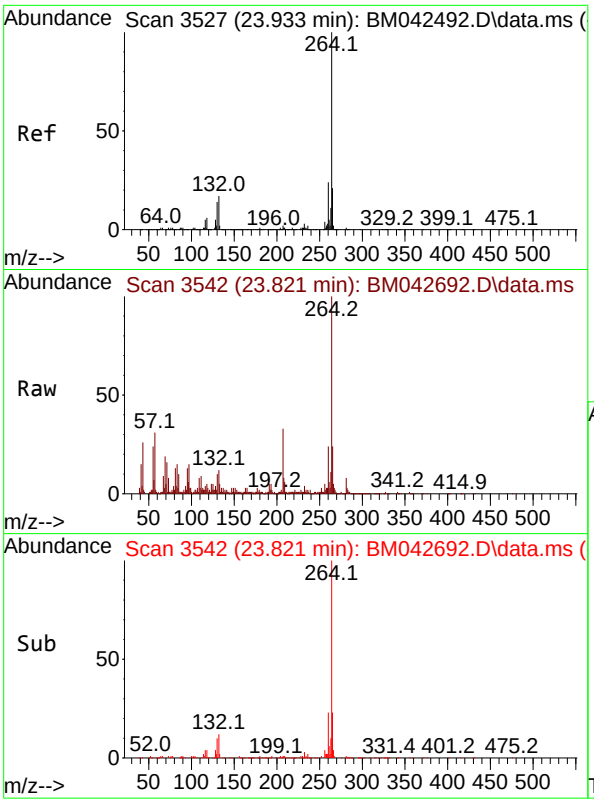


#85
Di-n-octyl phthalate
Concen: 3.063 ng
RT: 22.215 min Scan# 3269
Delta R.T. -0.012 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:149 Resp: 64167

Ion	Ratio	Lower	Upper
149	100		
167	21.2	1.2	1.8#
43	36.7	10.2	15.2#



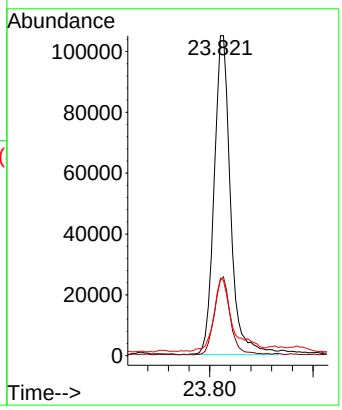


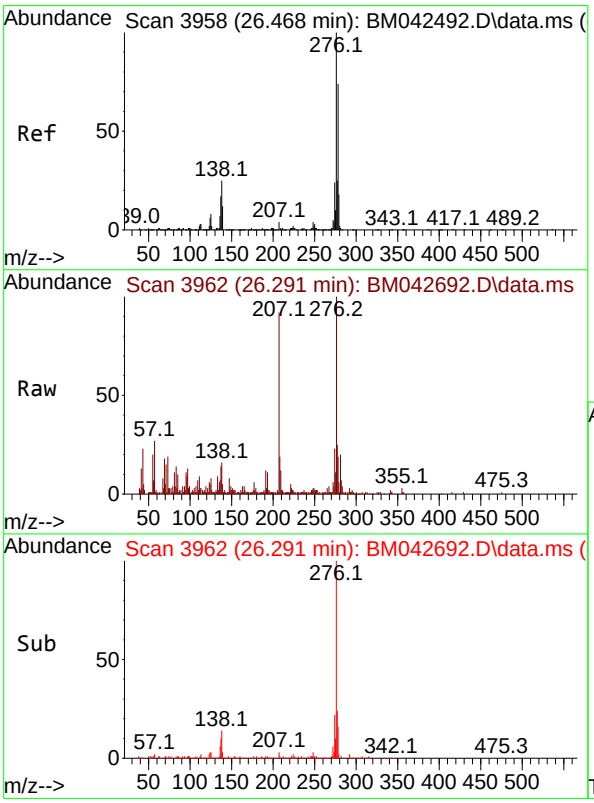
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 231072

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	24.2	18.7	28.1

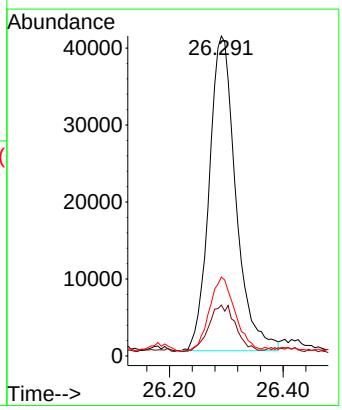


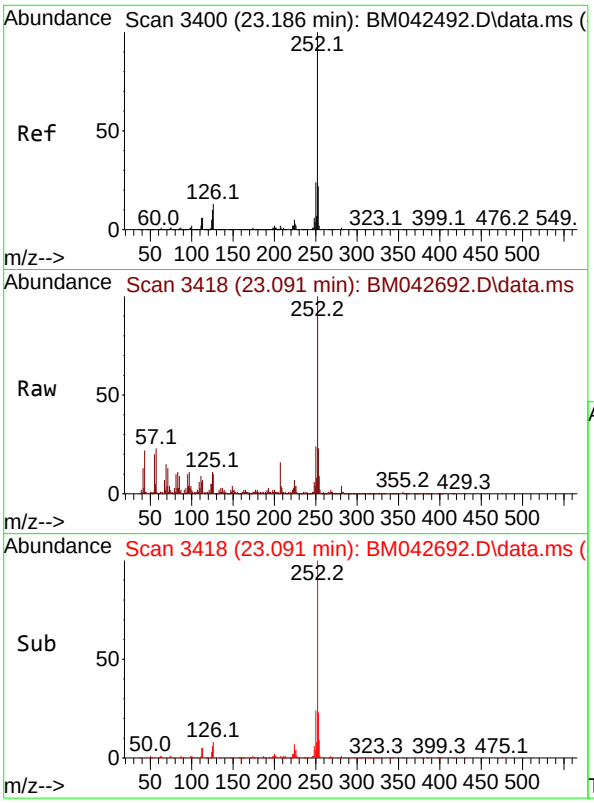


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.673 ng
RT: 26.291 min Scan# 3962
Delta R.T. -0.012 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:276 Resp: 133036

Ion	Ratio	Lower	Upper
276	100		
138	14.9	20.6	31.0#
277	22.8	19.5	29.3



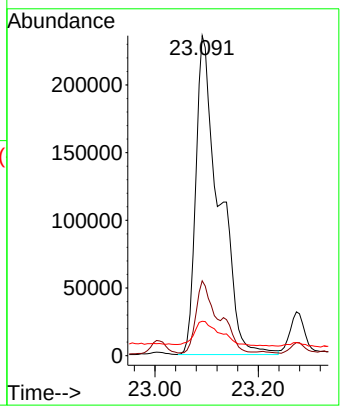


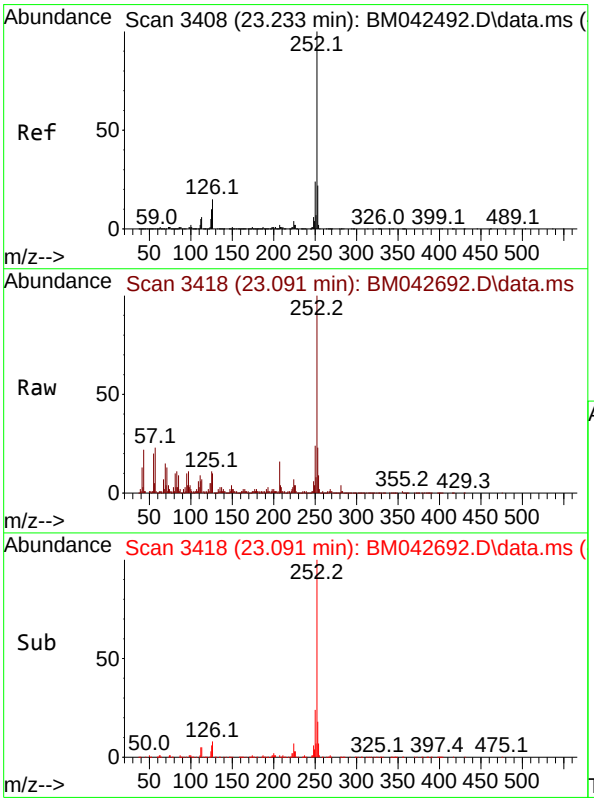
#88
Benzo(b)fluoranthene
Concen: 57.346 ng
RT: 23.091 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 738249

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	10.7	7.8	11.6

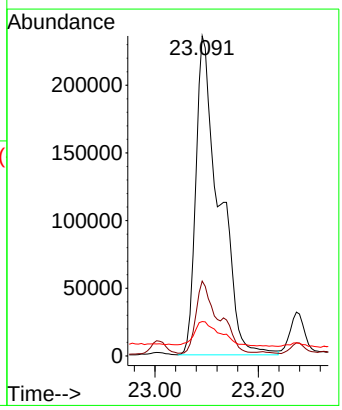


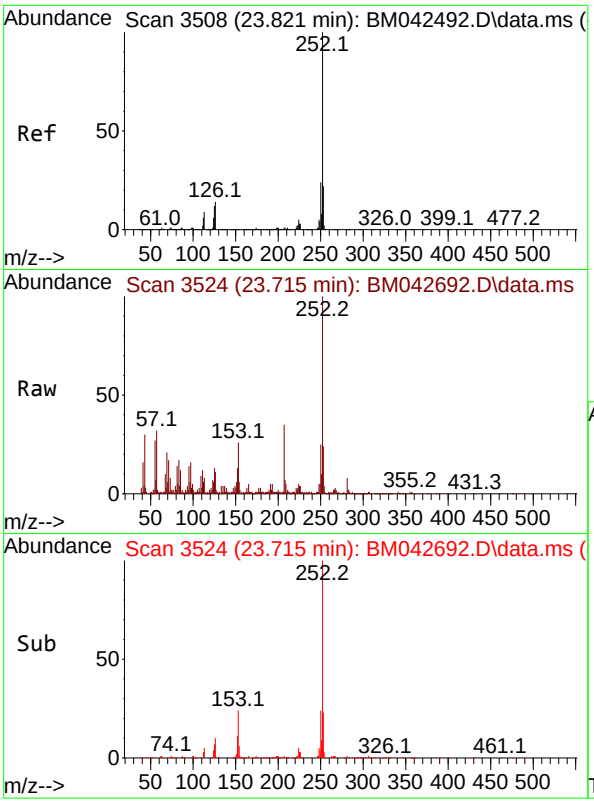


#89
Benzo(k)fluoranthene
Concen: 51.464 ng
RT: 23.091 min Scan# 3418
Delta R.T. -0.047 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:252 Resp: 738249

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	10.7	8.2	12.4



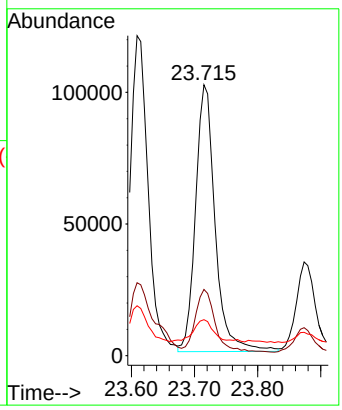


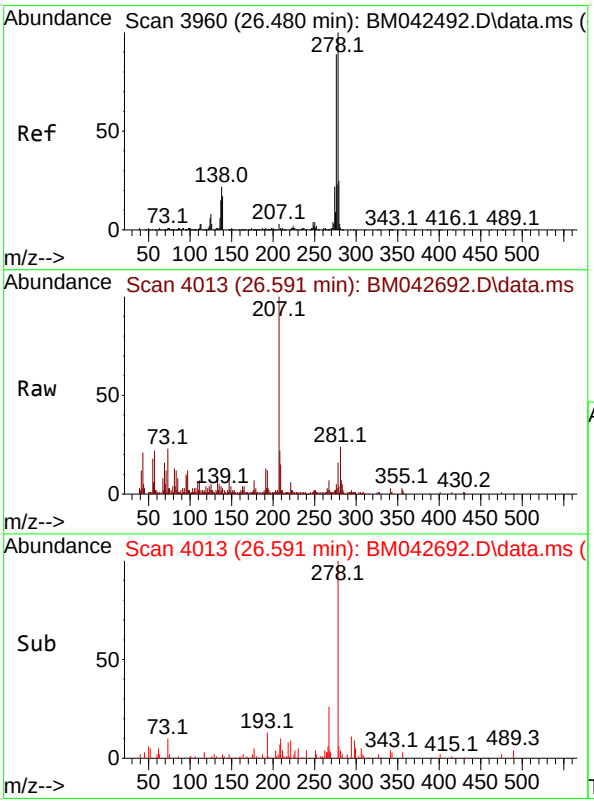
#90
Benzo(a)pyrene
Concen: 17.250 ng
RT: 23.715 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 218635

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	13.3	9.4	14.2

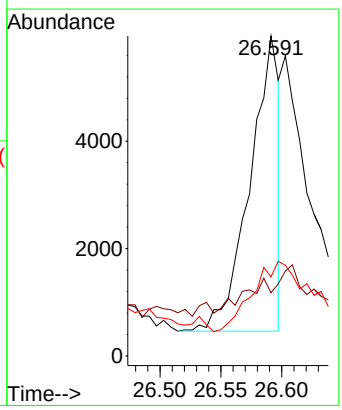


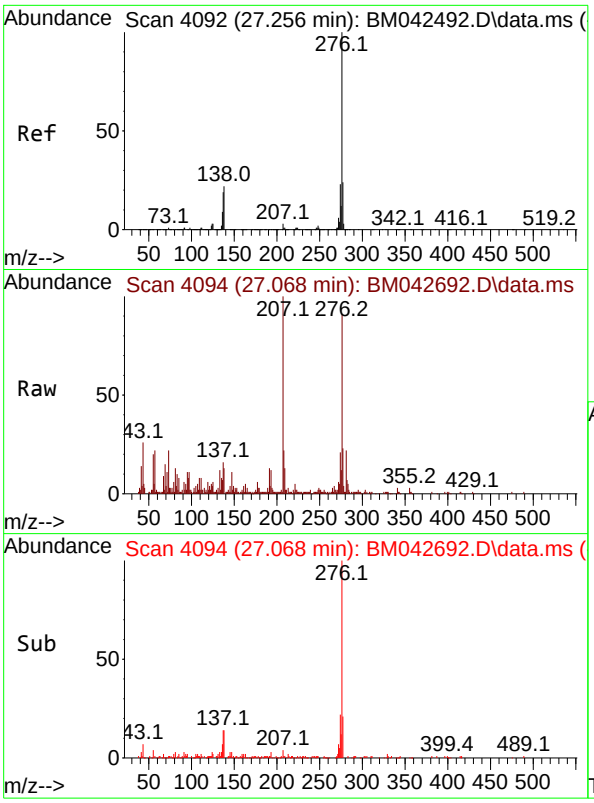


#91
Dibenzo(a,h)anthracene
Concen: 4.800 ng
RT: 26.591 min Scan# 4013
Delta R.T. 0.276 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Tgt Ion:278 Resp: 9197

Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.4	20.2
279	24.8	19.7	29.5





#92
Benzo(g,h,i)perylene
Concen: 10.039 ng
RT: 27.068 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM042692.D
Acq: 10 Nov 2023 15:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 121689

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	14.7	17.3	25.9#