Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037891.D
Acq On : 08 Dec 2022 17:50
Operator : CG/JU
Sample : N5832-15 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL0

Quant Time: Dec 08 22:40:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	292760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1161640	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	635576	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1143601	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	882692	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1068259	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1760	0.273	ng/uL	0.00
4) Pyridine-d5	3.863	84	253	0.013	ng/ul	0.00
7) Phenol-d5	7.240	99	48853	2.054	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	30238	2.087	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	40515	2.076	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	37805	2.036	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	19173	2.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	19553	2.029	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	34789	1.900	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	27381	1.083	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	103844	2.292	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	118435	2.139	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	9483	1.228	ng/ul	0.00
60) Fluorene-d10	15.704	176	92986	2.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	6566	1.074	ng/ul	0.00
73) Anthracene-d10	17.457	188	1143601	21.427	ng/ul	-0.10
81) Pyrene-d10	19.839	212	132877	2.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264	132602	2.485	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	490391	7.823	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	374971	9.222	ng/ul	97
37) 1-Methylnaphthalene	12.775	142	45881	1.104	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	163082	3.192	ng/ul	97
50) Acenaphthylene	14.439	152	303176	4.979	ng/ul	99
52) Acenaphthene	14.780	153	765135	18.166	ng/ul	98
56) Dibenzofuran	15.110	168	1458218	25.358	ng/ul	99
61) Fluorene	15.763	166	2946580	62.832	ng/ul	100
63) 4-Nitroaniline	15.763	138	31490	4.009	ng/ul#	27
71) Pentachlorophenol	17.110	266	14646	1.760	ng/ul	98
72) Phenanthrene	17.510	178	8937466	143.109	ng/ul	98
74) Anthracene	17.510	178	8937466	140.821	ng/ul	97
77) Carbazole	17.868	167	6230750	113.314	ng/ul	98
80) Fluoranthene	19.515	202	10844966	173.304	ng/ul	99
82) Pyrene	19.874	202	10748979	165.046	ng/ul	97
85) Benzo(a)anthracene	21.609	228	3094221	52.069	ng/ul	97
87) Chrysene	21.668	228	4072869	73.048	ng/ul	98
90) Benzo(b)fluoranthene	23.356	252	4512636	68.138	ng/ul	98
91) Benzo(k)fluoranthene	23.356	252	4512636	70.307	ng/ul	98
93) Benzo(a)pyrene	24.003	252	2040676	35.040	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.709	276	1051894	14.024	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278	284636	4.501	ng/ul#	82
96) Benzo(g,h,i)perylene	27.515	276	732202	12.227	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037891.D
Acq On : 08 Dec 2022 17:50
Operator : CG/JU
Sample : N5832-15 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL0

Quant Time: Dec 08 22:40:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037891.D
Acq On : 08 Dec 2022 17:50
Operator : CG/JU
Sample : N5832-15 10X
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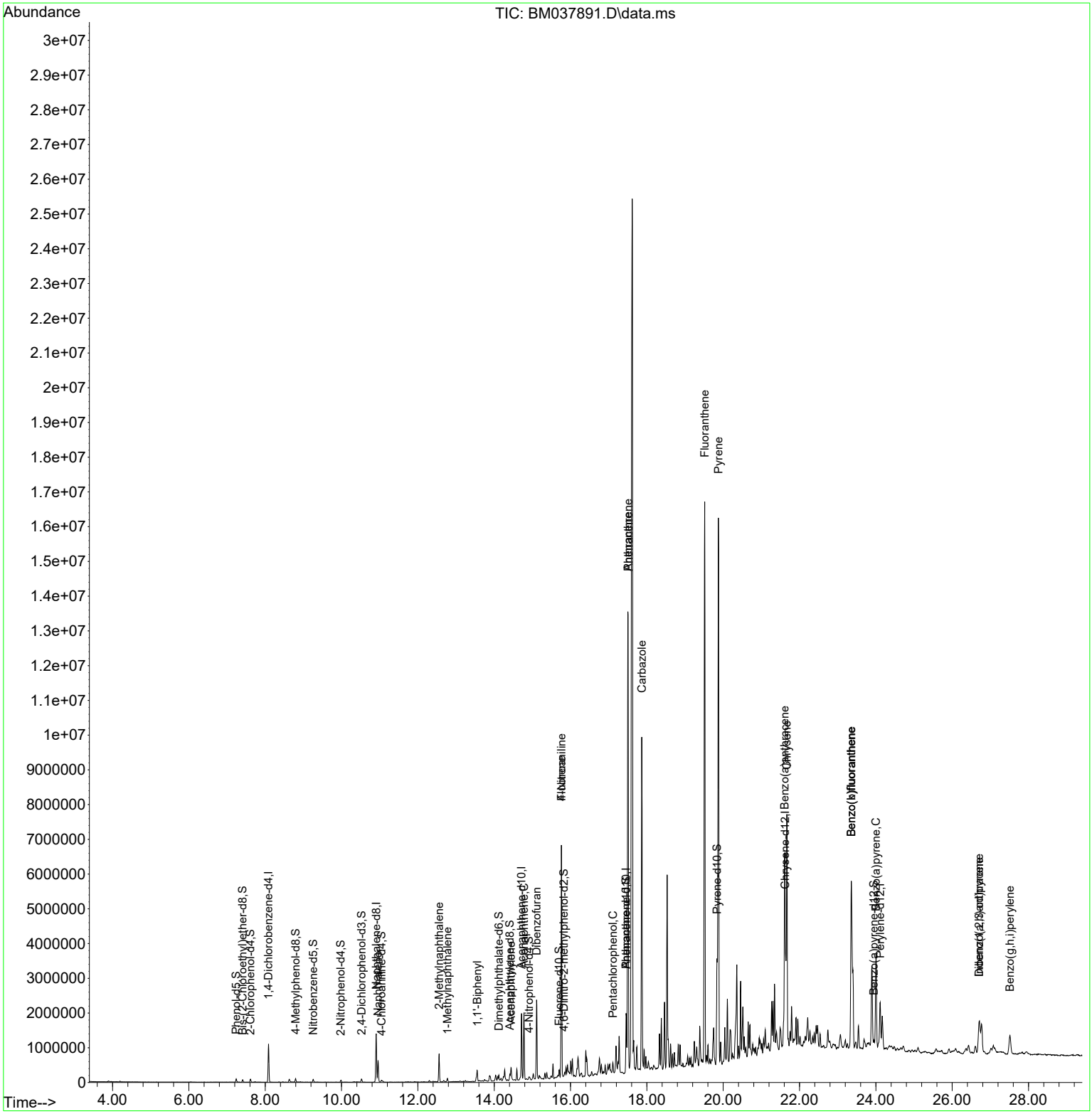
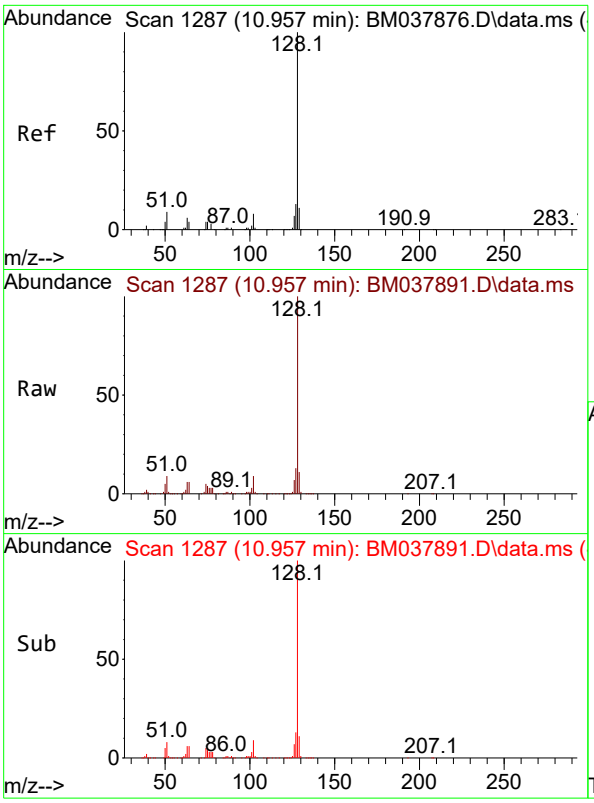
Quant Time: Dec 08 22:40:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration



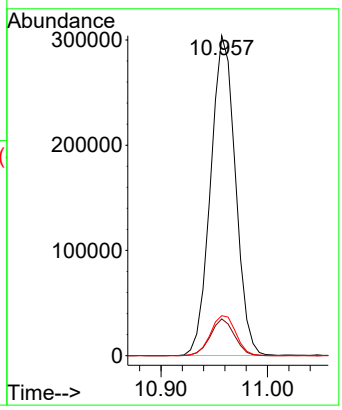


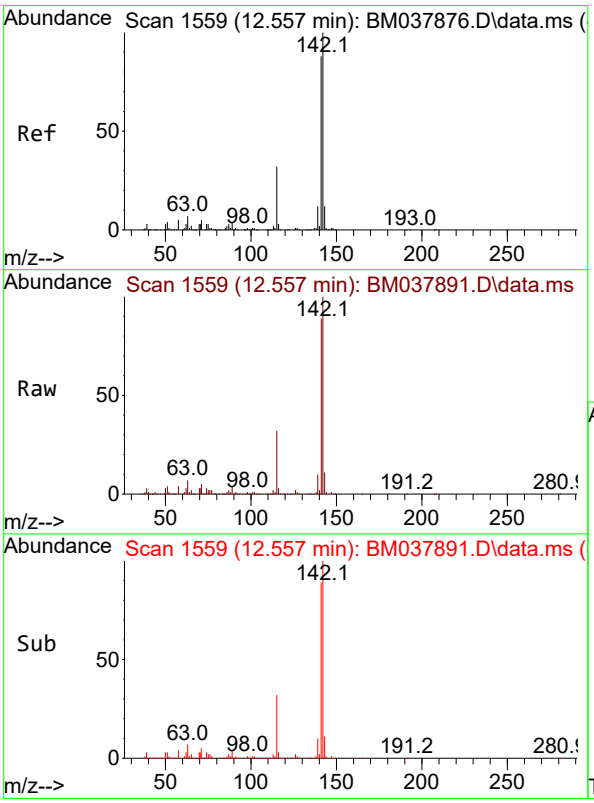
#30
Naphthalene
Concen: 7.823 ng/ul
RT: 10.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:128 Resp: 490391

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	12.5	10.4	15.6

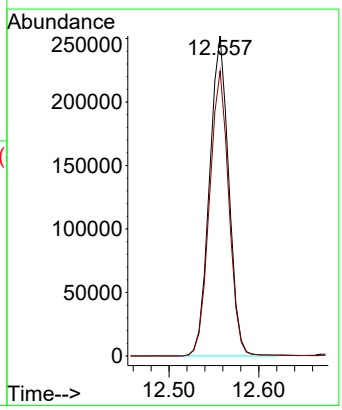


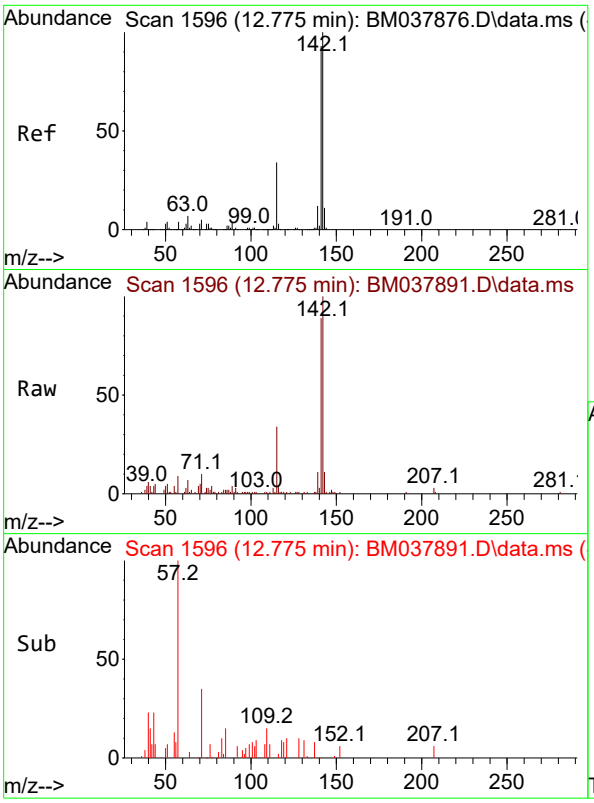


#36
2-Methylnaphthalene
Concen: 9.222 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:142 Resp: 374971

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.4	104.0



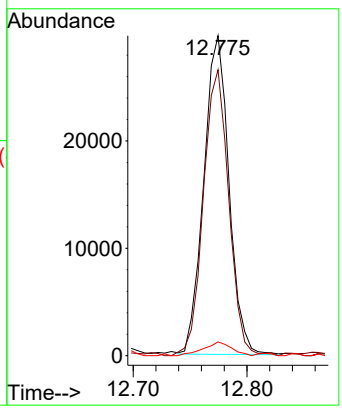


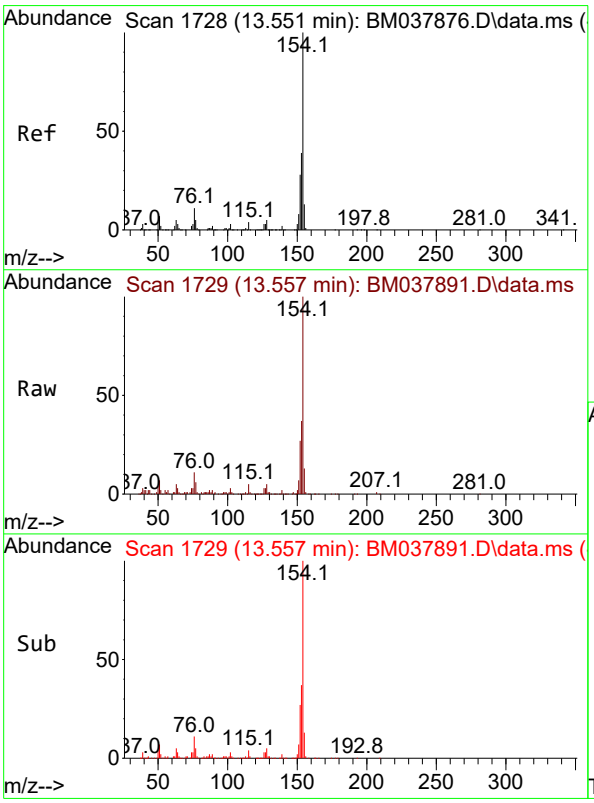
#37
1-Methylnaphthalene
Concen: 1.104 ng/ul
RT: 12.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:142 Resp: 45881

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
116	4.3	2.9	4.3

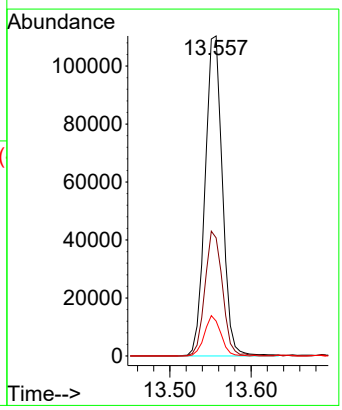


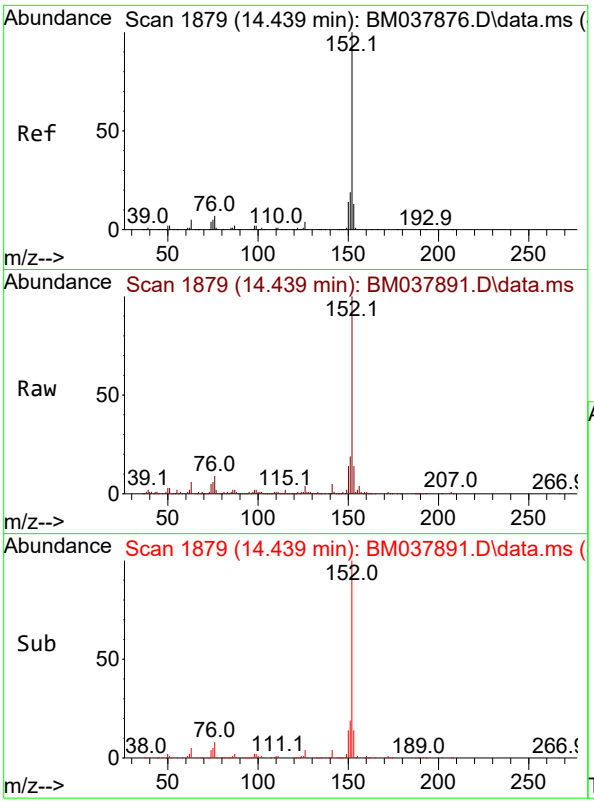


#43
1,1'-Biphenyl
Concen: 3.192 ng/ul
RT: 13.557 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:154 Resp: 163082

Ion	Ratio	Lower	Upper
154	100		
153	36.9	31.2	46.8
76	10.9	9.3	13.9



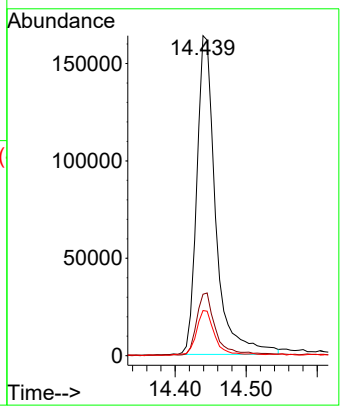


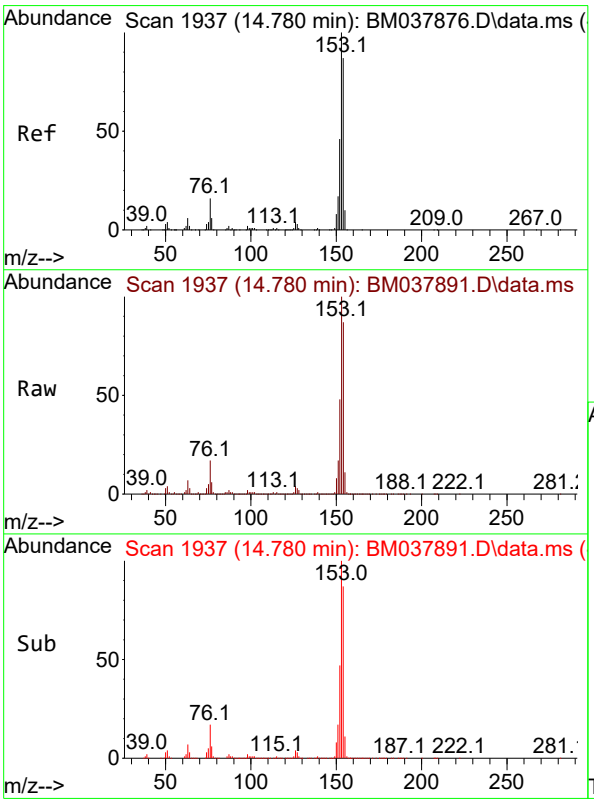
#50
Acenaphthylene
Concen: 4.979 ng/ul
RT: 14.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:152 Resp: 303176

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	14.1	10.2	15.4

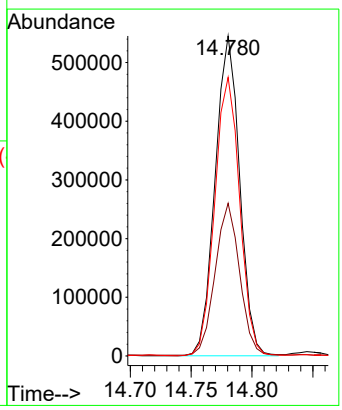


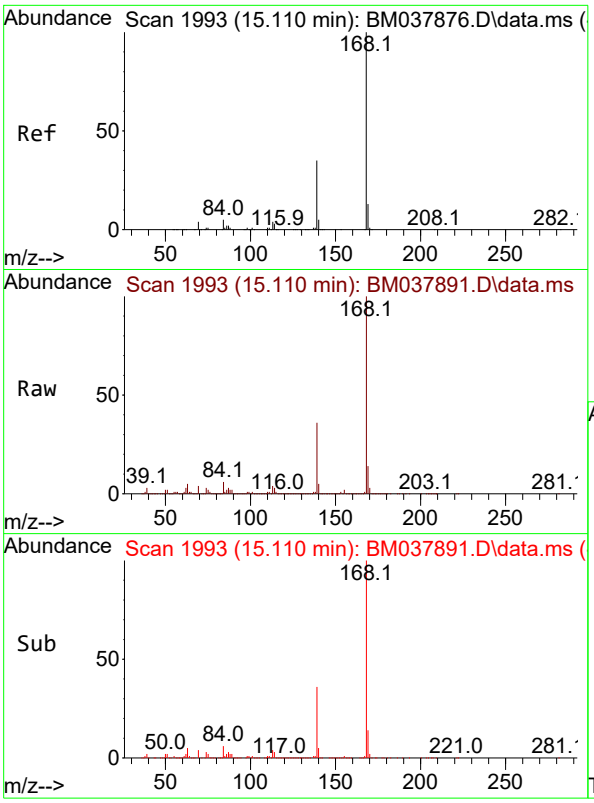


#52
Acenaphthene
Concen: 18.166 ng/ul
RT: 14.780 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:153 Resp: 765135

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.2	57.4
154	87.1	71.4	107.0



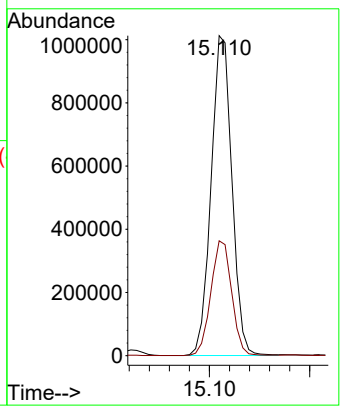


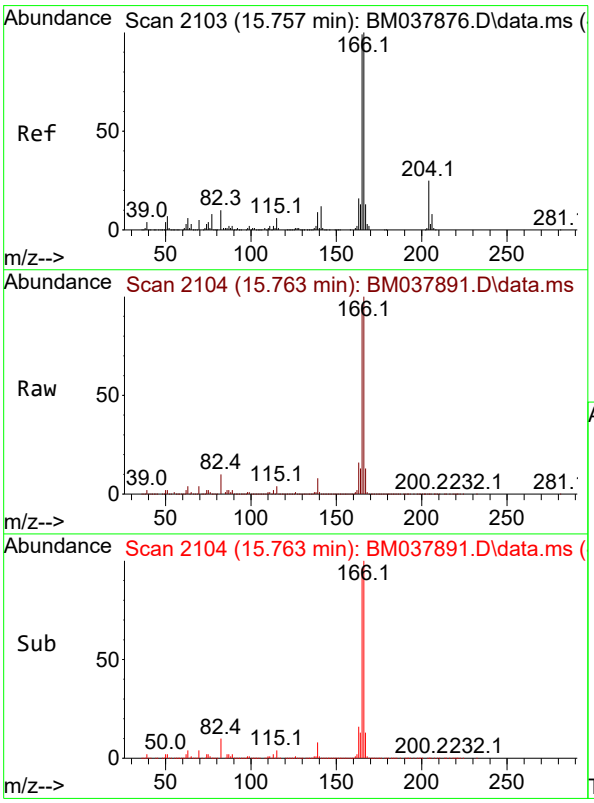
#56
Dibenzofuran
Concen: 25.358 ng/ul
RT: 15.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:168 Resp: 1458218

Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.1	42.1

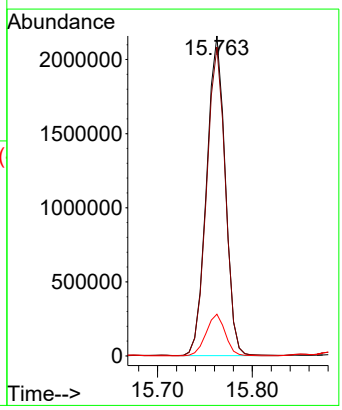


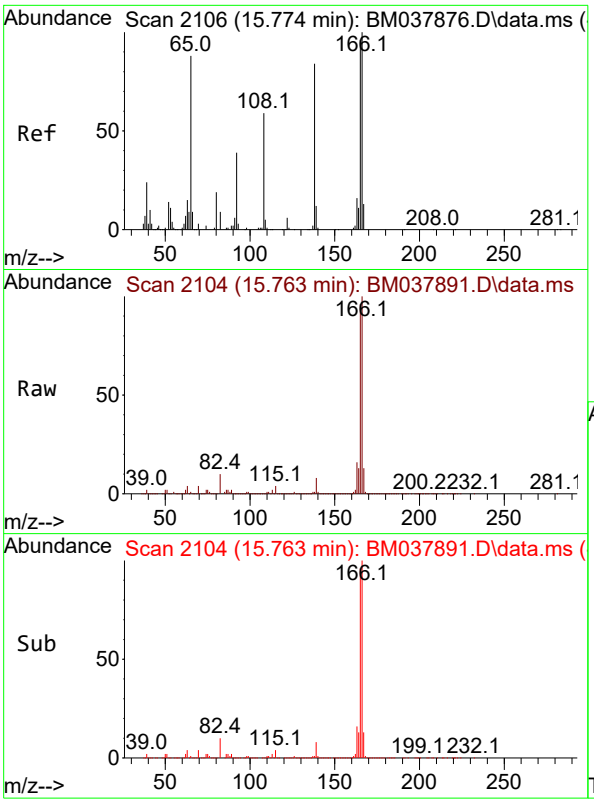


#61
Fluorene
Concen: 62.832 ng/ul
RT: 15.763 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:166 Resp: 2946580

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.2	115.8
167	13.1	10.4	15.6



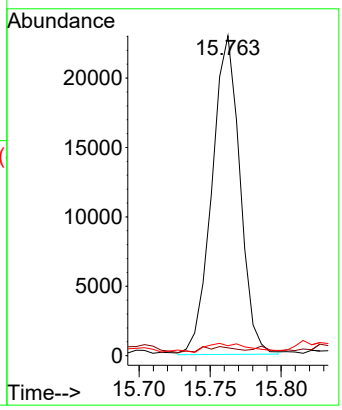


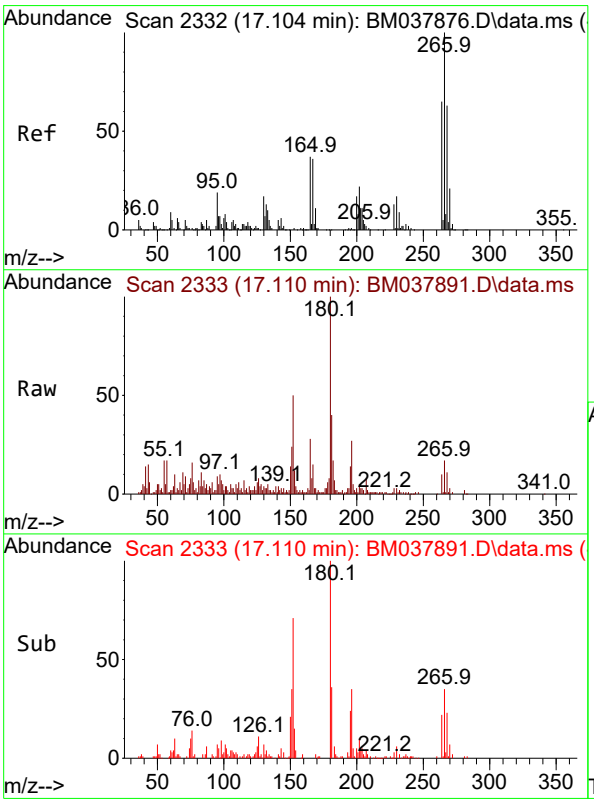
#63
4-Nitroaniline
Concen: 4.009 ng/ul
RT: 15.763 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:138 Resp: 31490

Ion	Ratio	Lower	Upper
138	100		
92	2.5	36.1	54.1#
108	3.1	51.6	77.4#

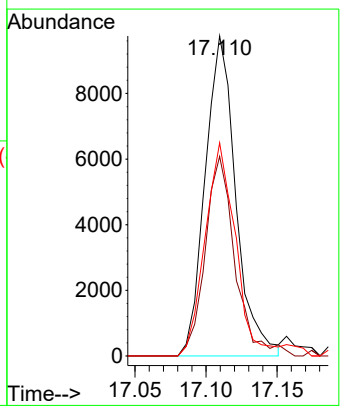


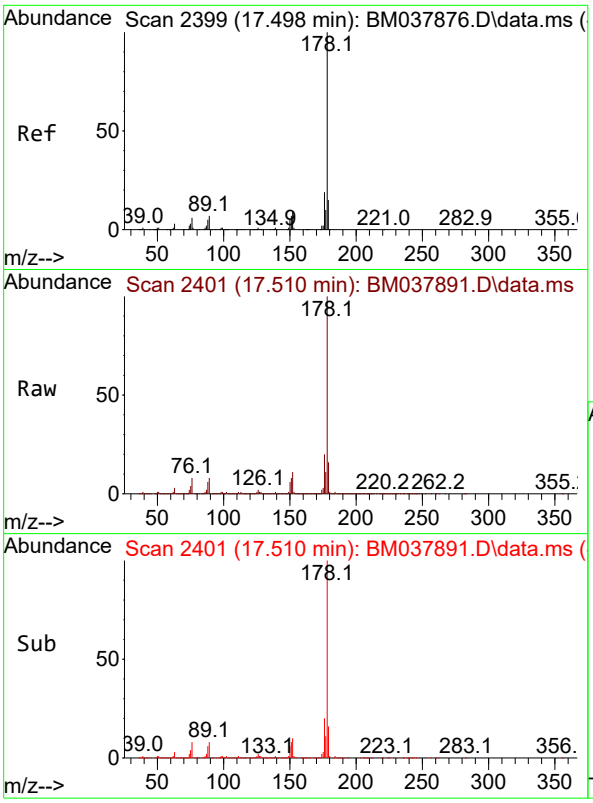


#71
Pentachlorophenol
Concen: 1.760 ng/ul
RT: 17.110 min Scan# 2333
Delta R.T. 0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:266 Resp: 14646

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.1	75.1
268	66.6	50.6	75.8



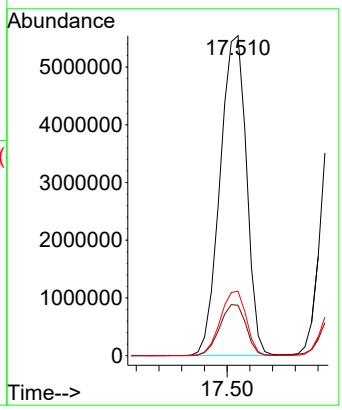


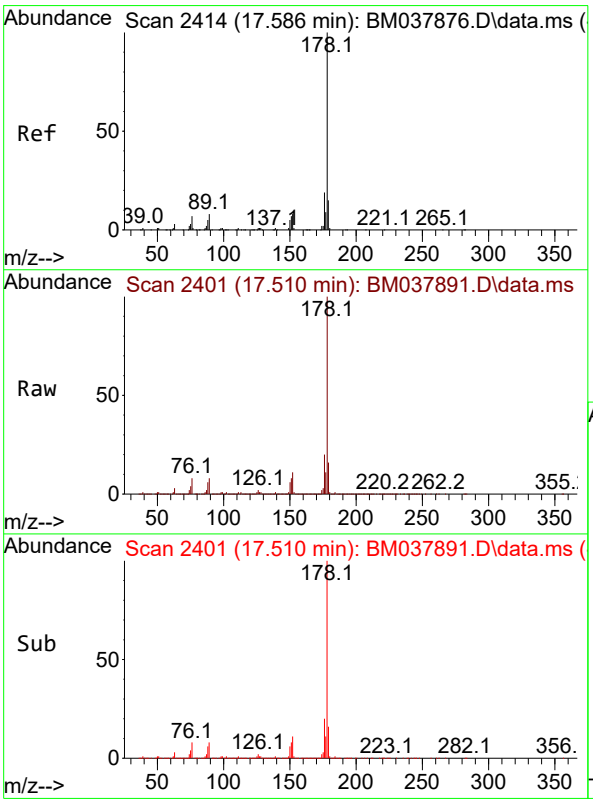
#72
Phenanthrene
Concen: 143.109 ng/ul
RT: 17.510 min Scan# 24
Delta R.T. 0.012 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:178 Resp: 8937466

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	20.1	15.4	23.0

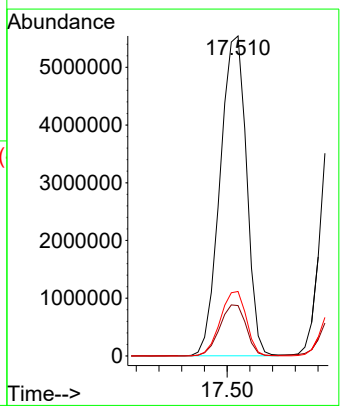


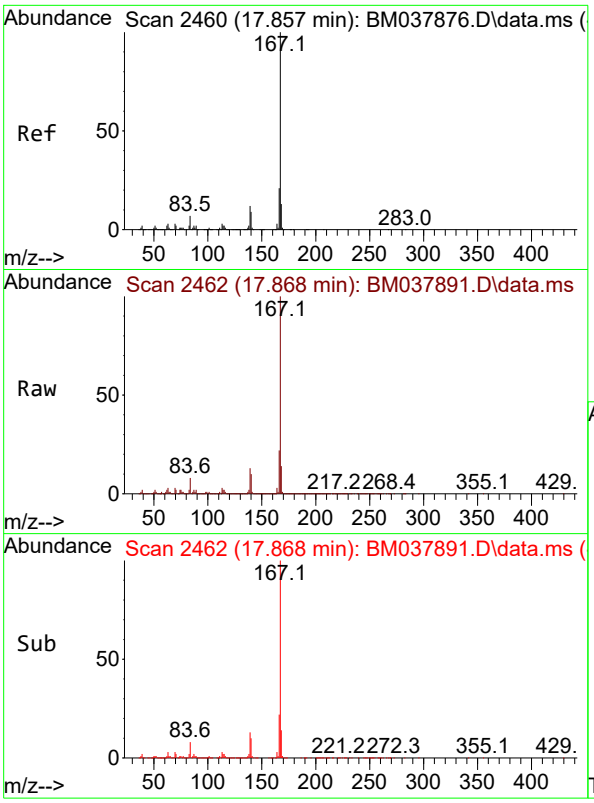


#74
Anthracene
Concen: 140.821 ng/ul
RT: 17.510 min Scan# 2401
Delta R.T. -0.082 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:178 Resp: 8937466

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	20.1	15.0	22.6



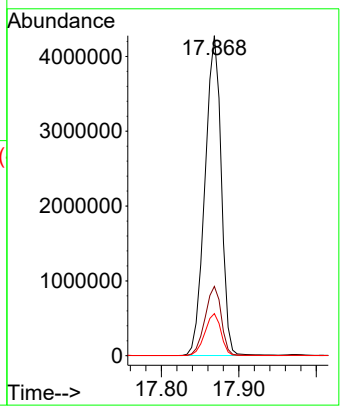


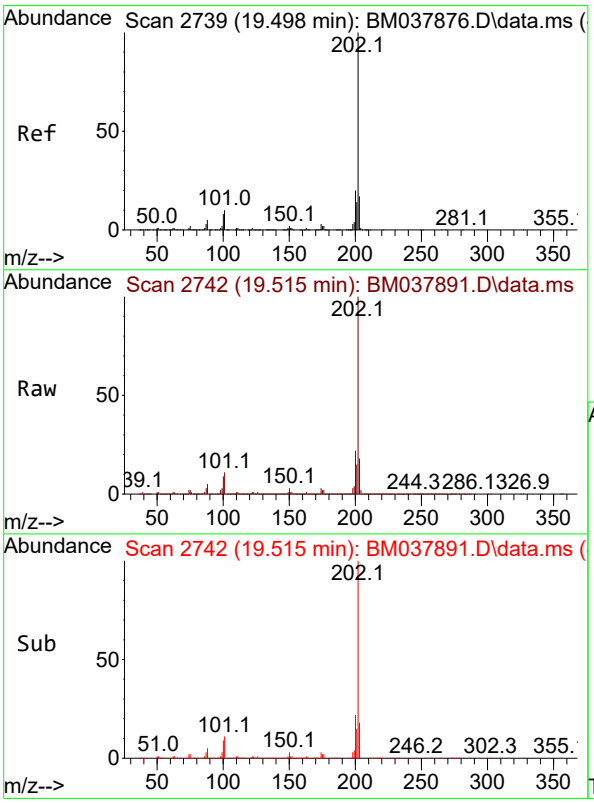
#77
Carbazole
Concen: 113.314 ng/ul
RT: 17.868 min Scan# 24
Delta R.T. 0.012 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:167 Resp: 6230750

Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.7	25.1
139	13.2	9.8	14.6

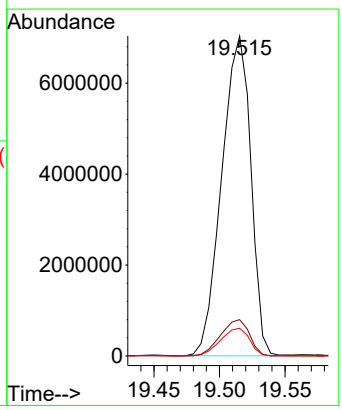


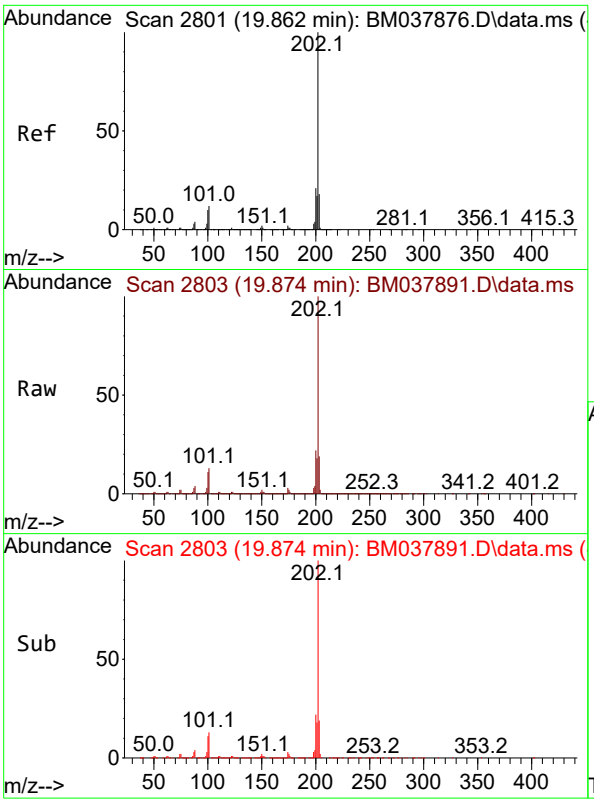


#80
Fluoranthene
Concen: 173.304 ng/ul
RT: 19.515 min Scan# 2742
Delta R.T. 0.012 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:202 Resp:10844966

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.6	13.0
100	8.7	6.6	10.0



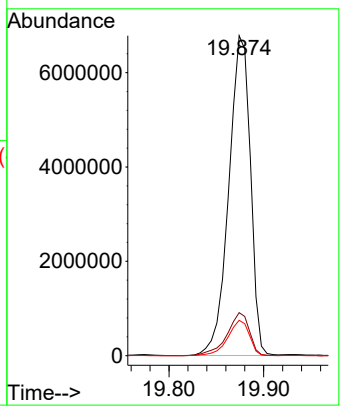


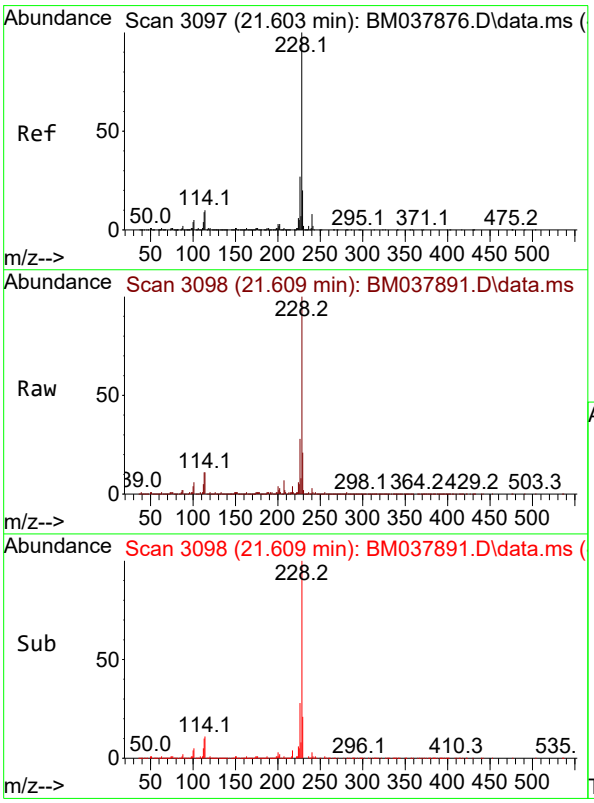
#82
Pyrene
Concen: 165.046 ng/ul
RT: 19.874 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:202 Resp:10748979

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.0	15.0
100	11.0	7.9	11.9

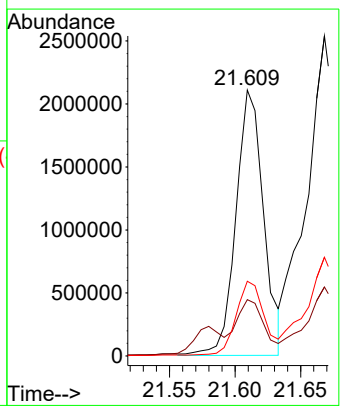


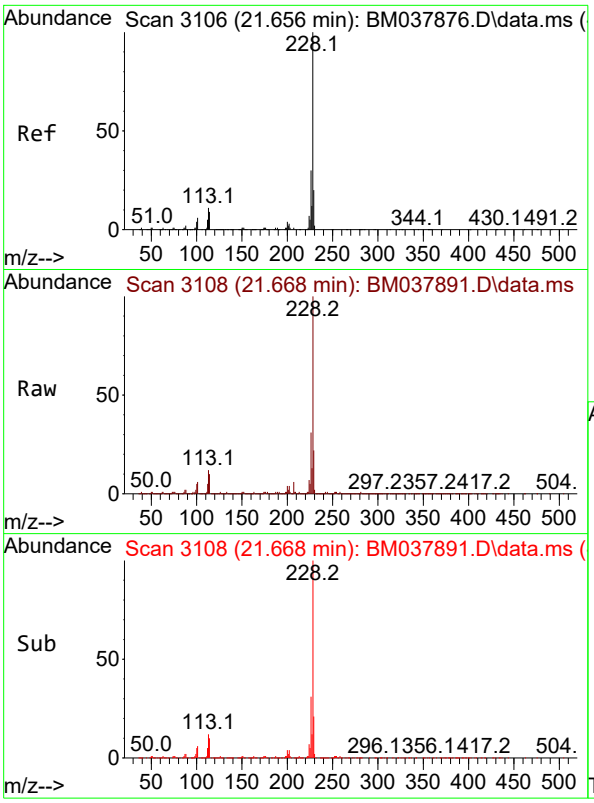


#85
Benzo(a)anthracene
Concen: 52.069 ng/ul
RT: 21.609 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:228 Resp: 3094221

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.5	23.3
226	28.1	21.8	32.8



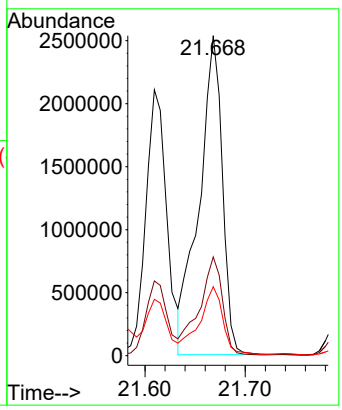


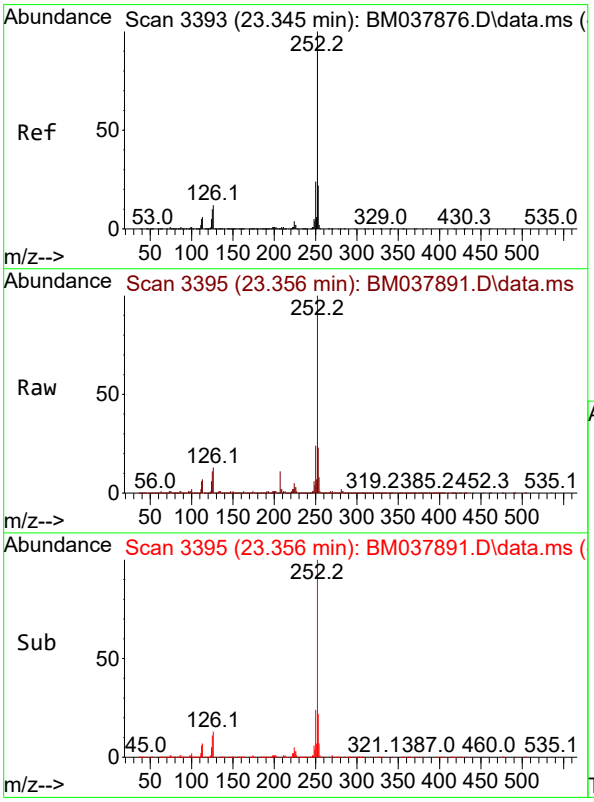
#87
Chrysene
Concen: 73.048 ng/ul
RT: 21.668 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:228 Resp: 4072869

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	21.6	15.6	23.4

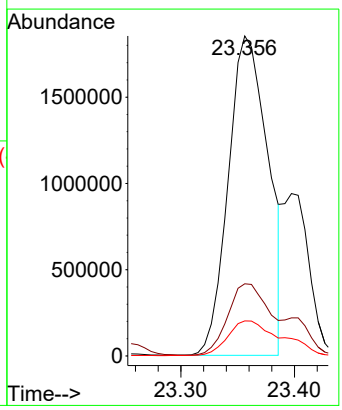


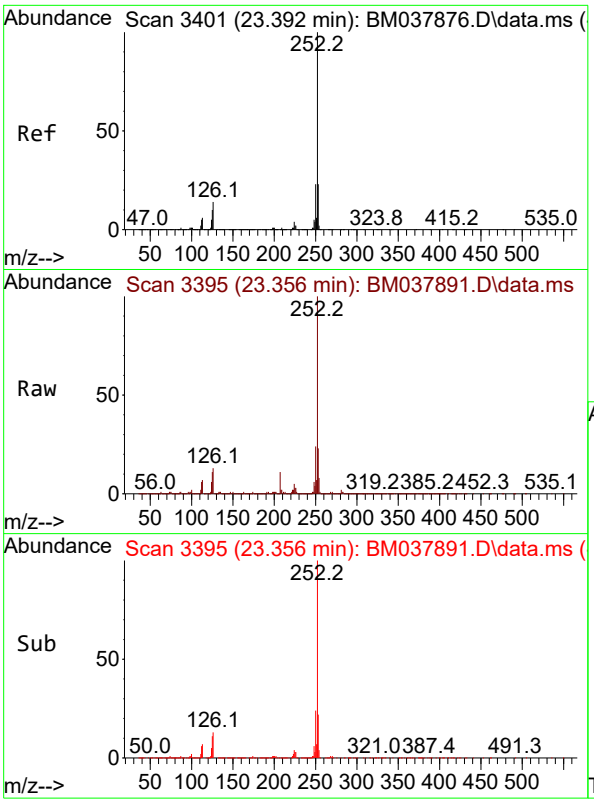


#90
Benzo(b)fluoranthene
Concen: 68.138 ng/ul
RT: 23.356 min Scan# 3395
Delta R.T. 0.012 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:252 Resp: 4512636

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.0	8.0	12.0



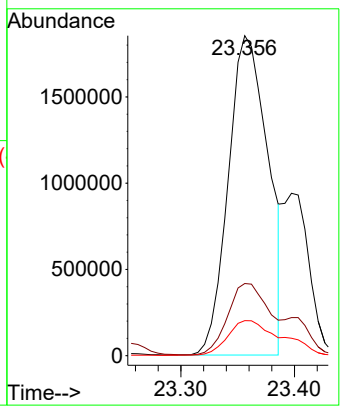


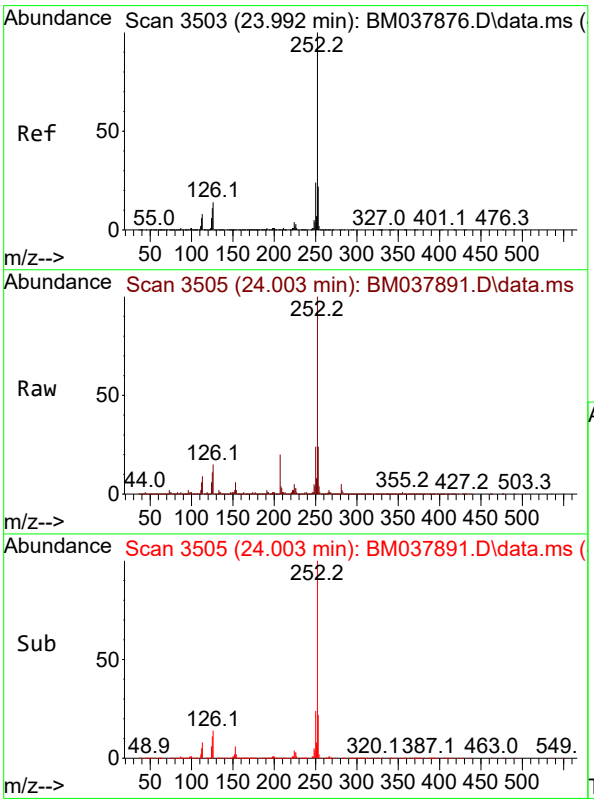
#91
Benzo(k)fluoranthene
Concen: 70.307 ng/ul
RT: 23.356 min Scan# 3
Delta R.T. -0.041 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:252 Resp: 4512636

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.0	8.1	12.1

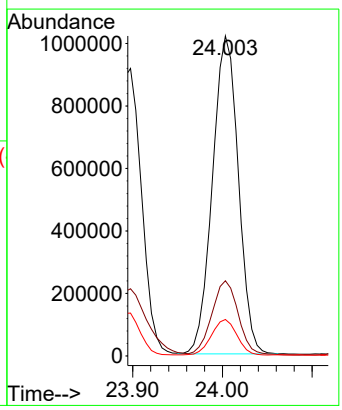


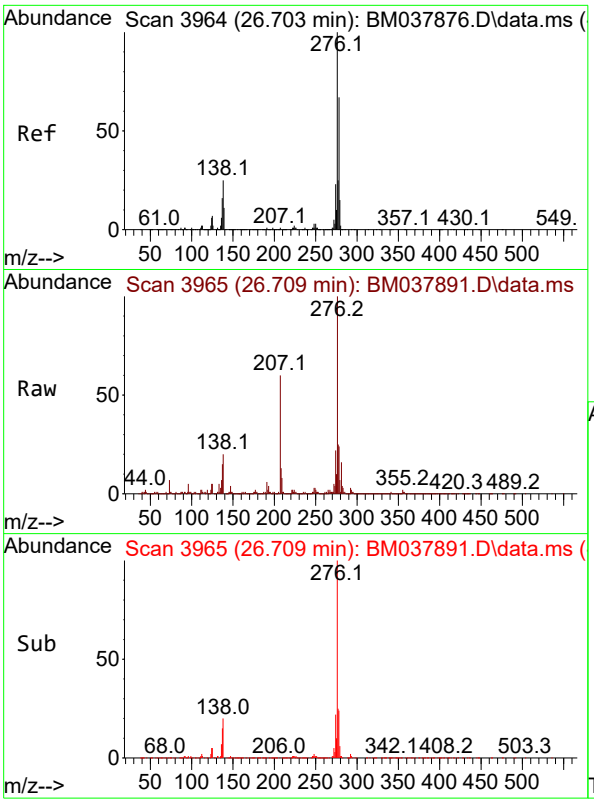


#93
Benzo(a)pyrene
Concen: 35.040 ng/ul
RT: 24.003 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:252 Resp: 2040676

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.4	9.4	14.0



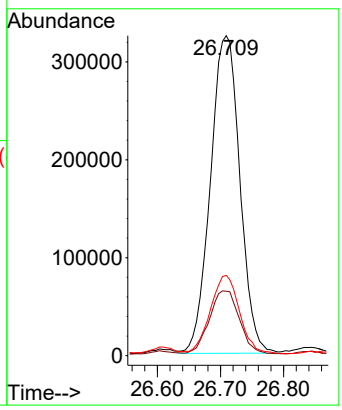


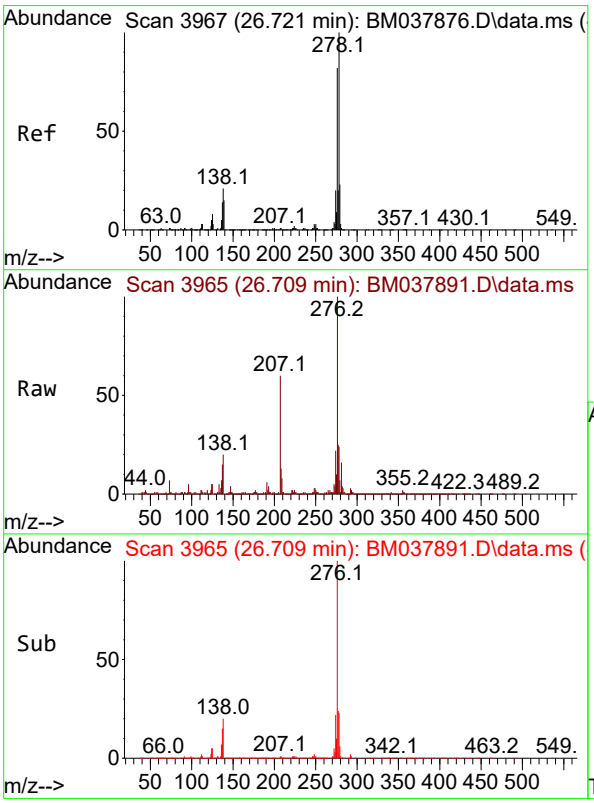
#94
Indeno(1,2,3-cd)pyrene
Concen: 14.024 ng/ul
RT: 26.709 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:276 Resp: 1051894

Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.3	28.9
277	25.1	19.8	29.8

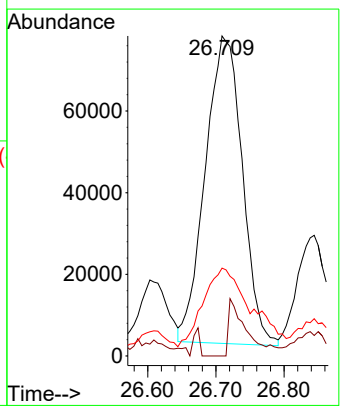


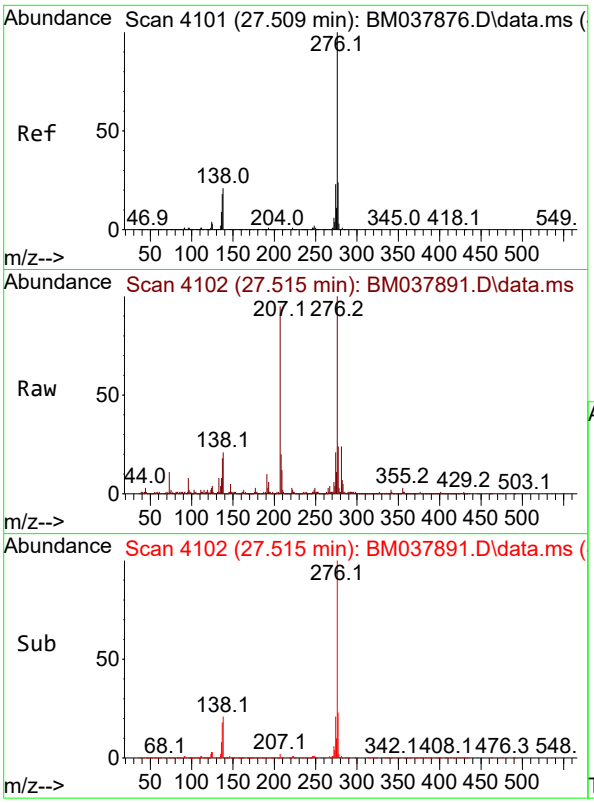


#95
Dibenzo(a,h)anthracene
Concen: 4.501 ng/ul
RT: 26.709 min Scan# 3965
Delta R.T. -0.018 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Tgt Ion:278 Resp: 284636

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	27.5	19.8	29.6





#96
Benzo(g,h,i)perylene
Concen: 12.227 ng/ul
RT: 27.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :
DBXL0

Tgt Ion:276 Resp: 732202

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.1	25.7
277	23.9	18.2	27.4