

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 :

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

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 :

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

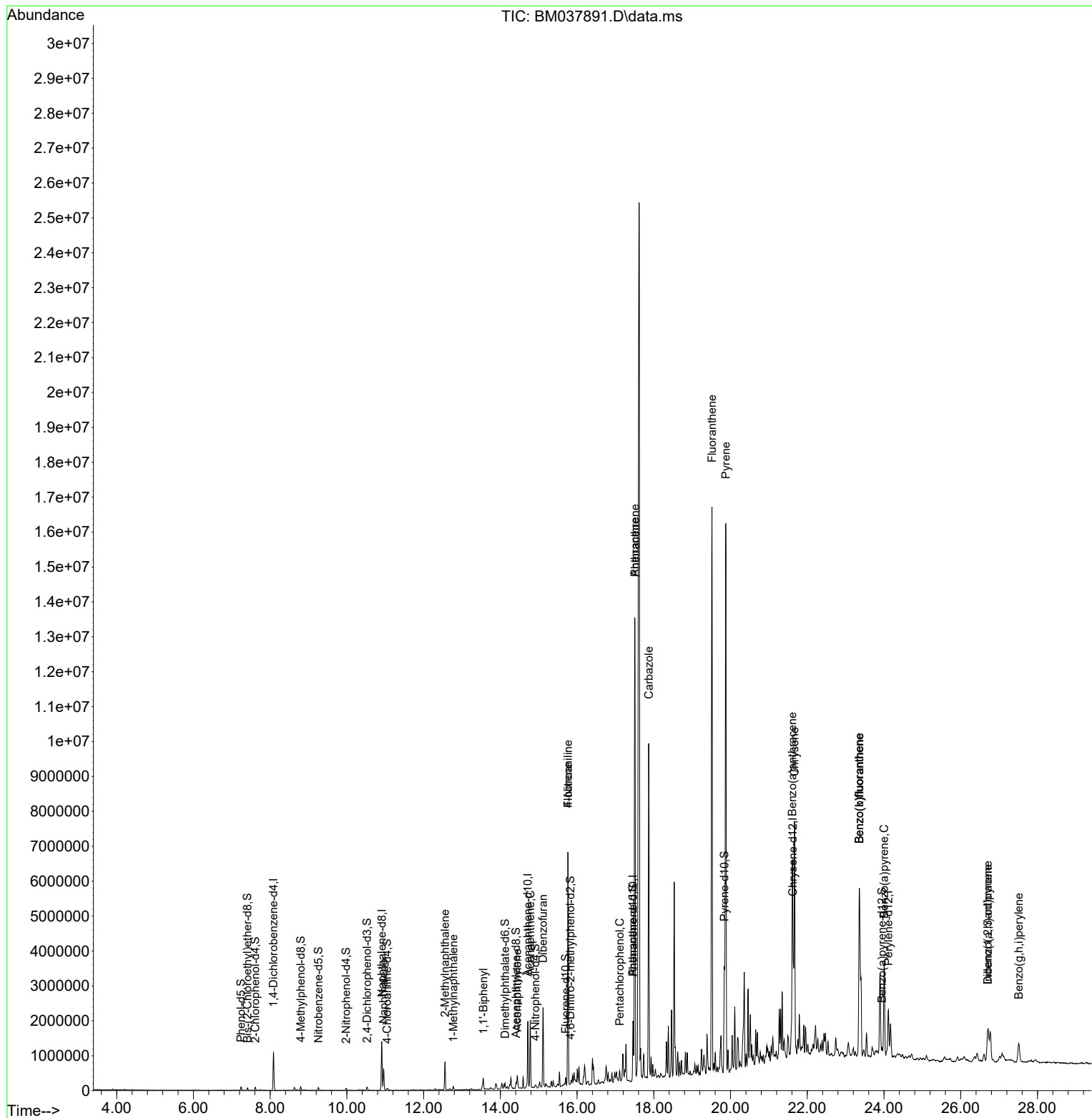
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

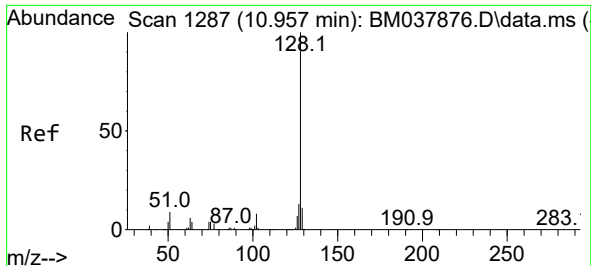
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

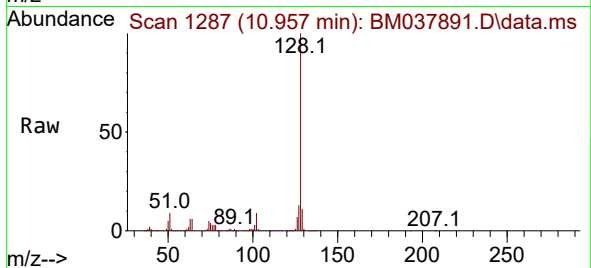
Quant Time: Dec 08 22:40:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration



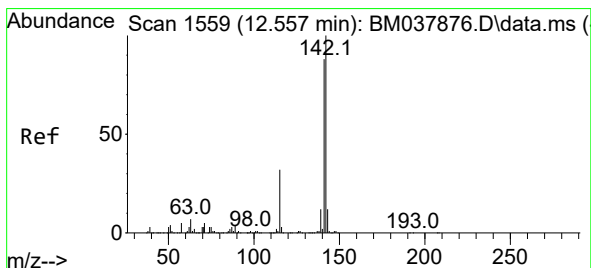
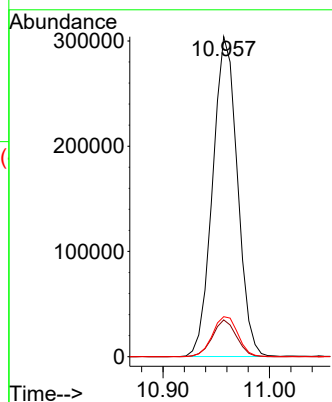
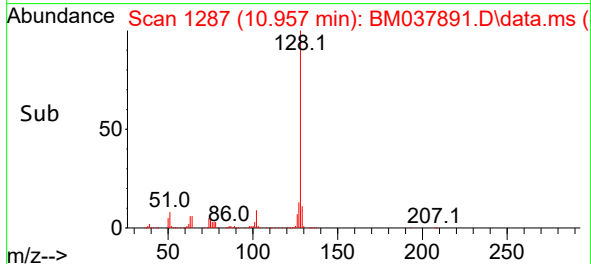


#30
Naphthalene
Concen: 7.823 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :

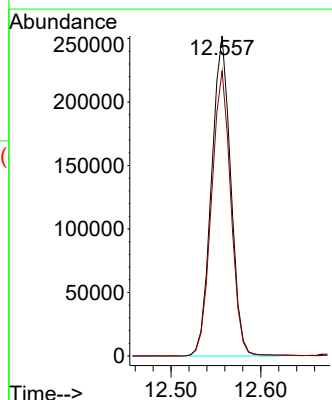
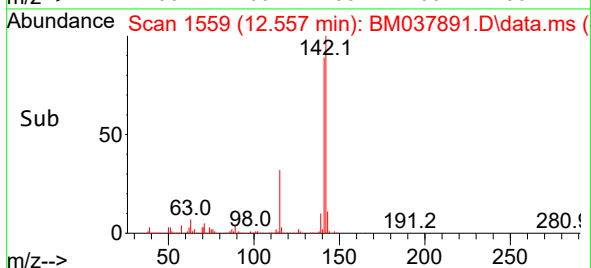
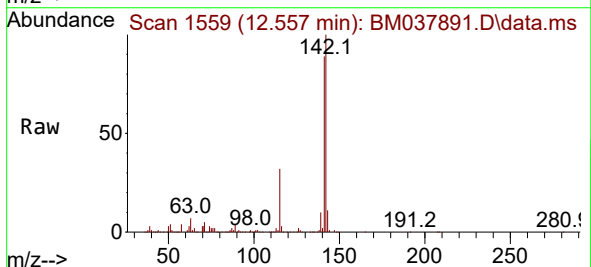


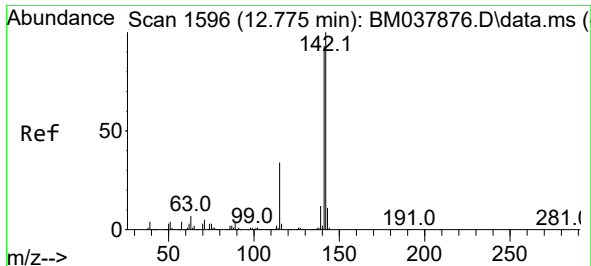
Tgt Ion:128 Resp: 490391
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.5 10.4 15.6



#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

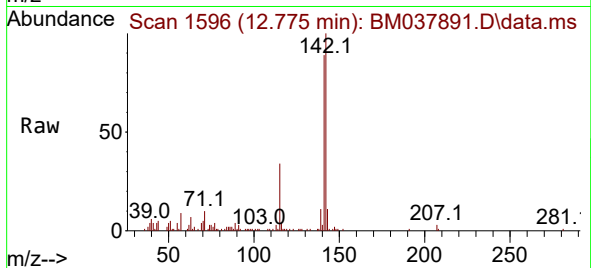
Lab File: BM037891.D

Acq: 08 Dec 2022 17:50

Instrument :

BNA_M

ClientSampleId :



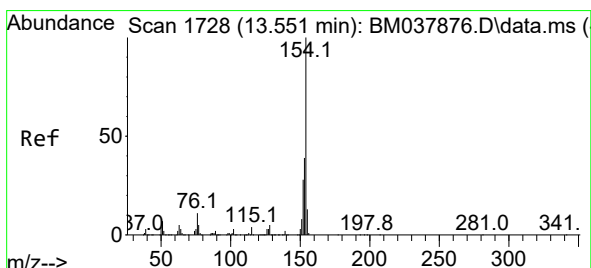
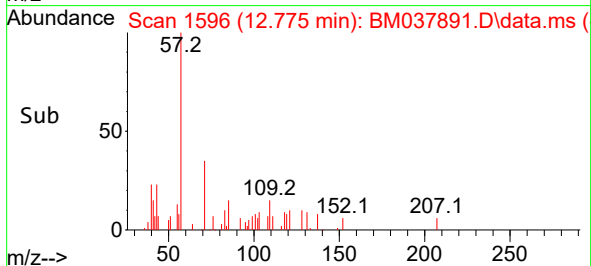
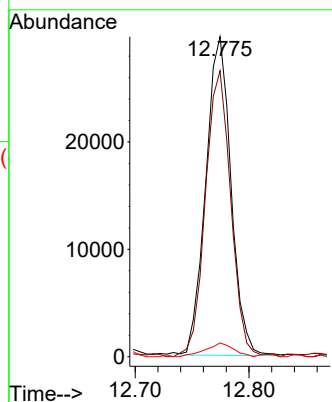
Tgt Ion:142 Resp: 45881

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

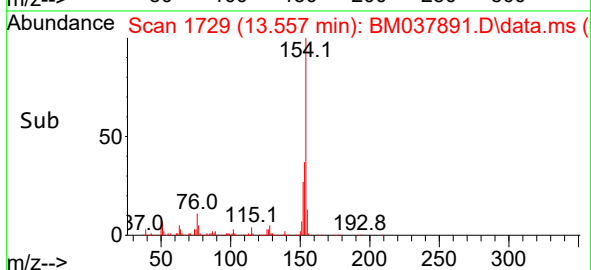
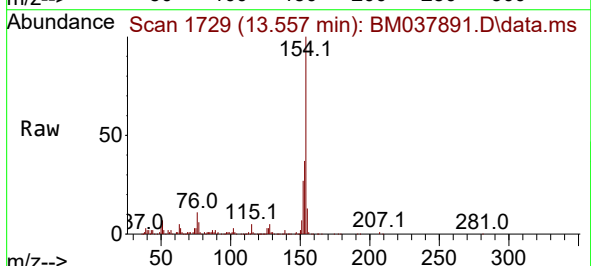
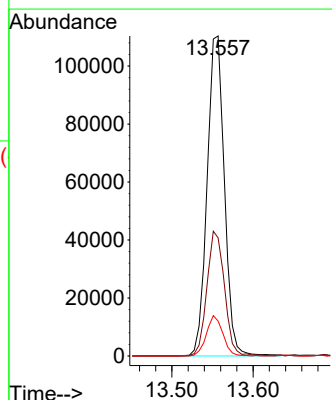
Tgt Ion:154 Resp: 163082

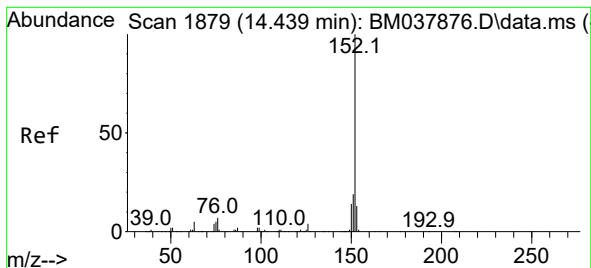
Ion Ratio Lower Upper

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# 1879

Delta R.T. -0.006 min

Lab File: BM037891.D

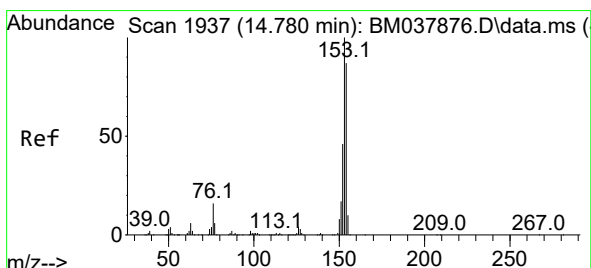
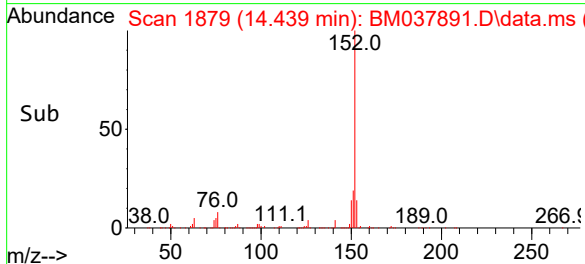
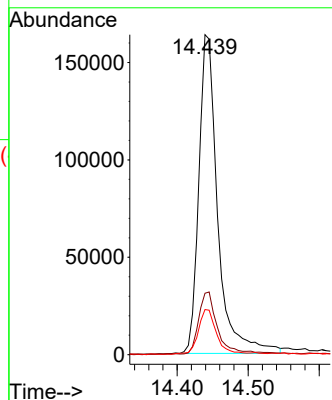
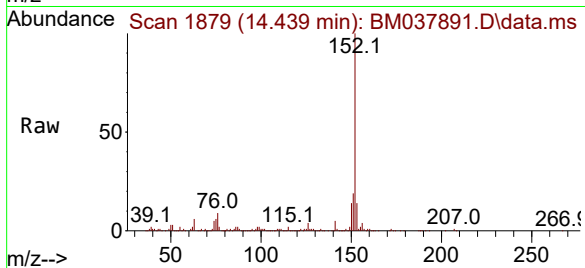
Acq: 08 Dec 2022 17:50

Instrument :

BNA_M

ClientSampleId :

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

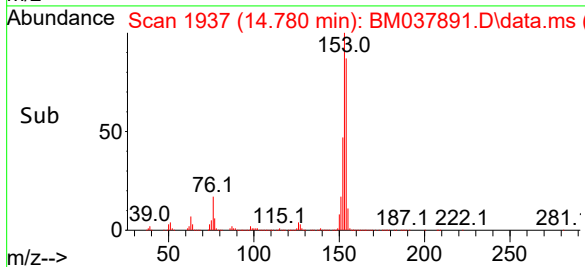
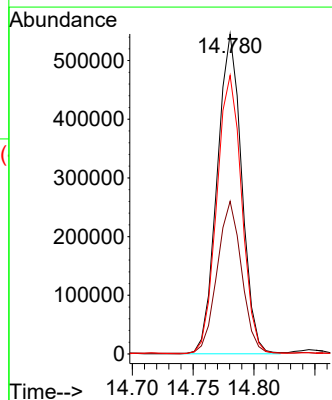
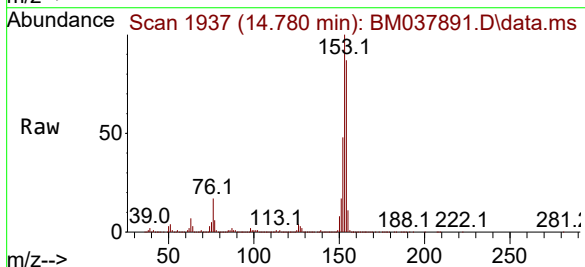
RT: 14.780 min Scan# 1937

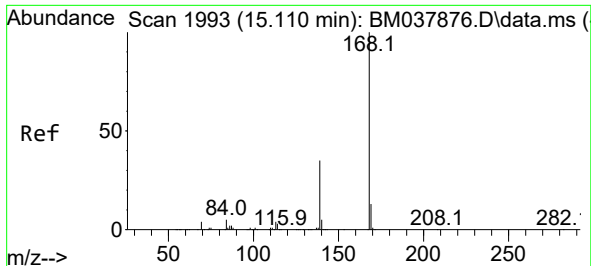
Delta R.T. 0.000 min

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

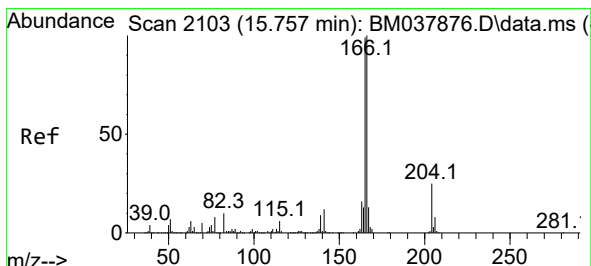
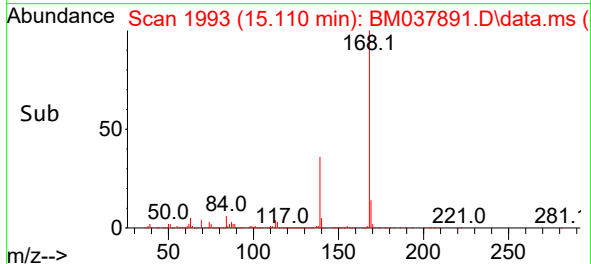
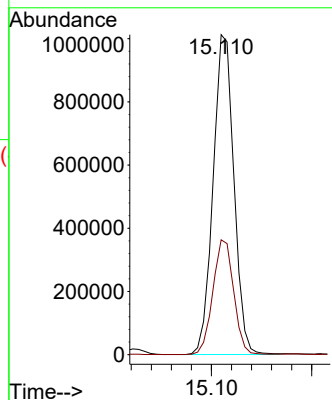
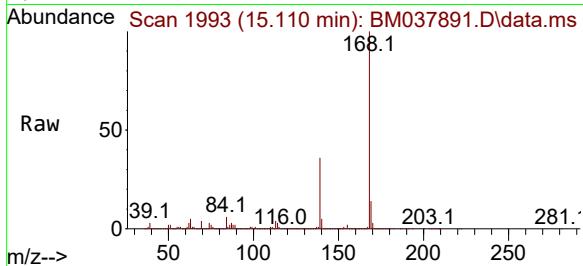




#56
Dibenzenofuran
Concen: 25.358 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

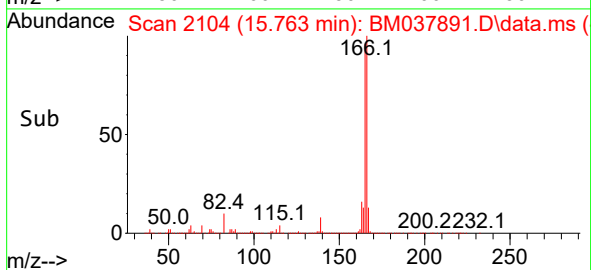
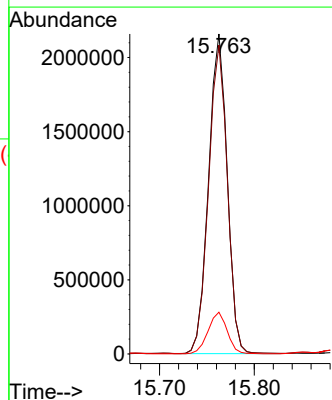
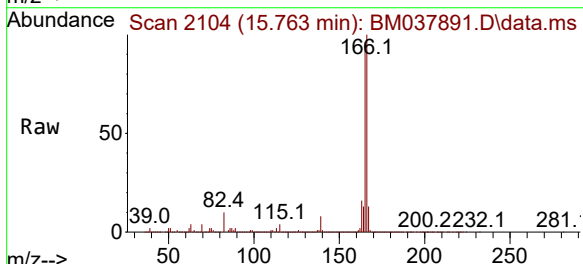
Instrument :
BNA_M
ClientSampleId :

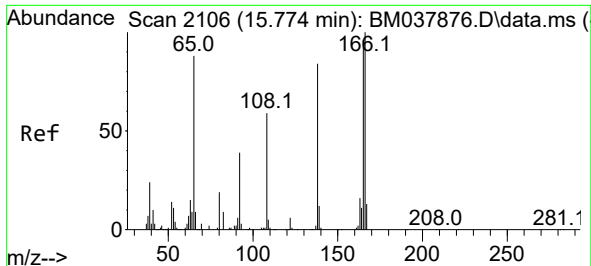
Tgt Ion:168 Resp: 1458218
Ion Ratio Lower Upper
168 100
139 35.9 28.1 42.1



#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

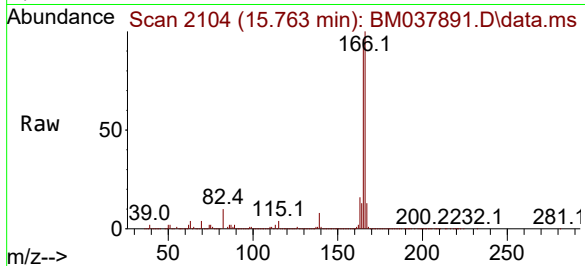
Tgt Ion:166 Resp: 2946580
Ion Ratio Lower Upper
166 100
165 96.5 77.2 115.8
167 13.1 10.4 15.6



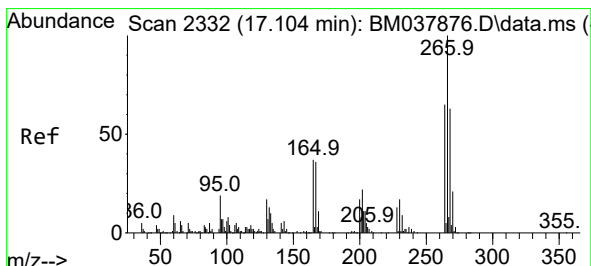
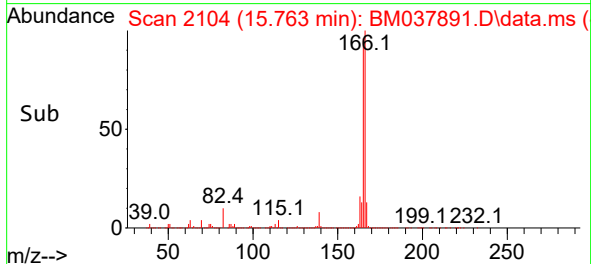
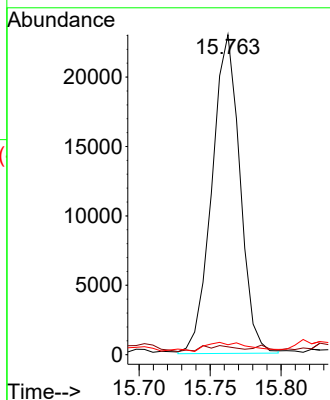


#63
4-Nitroaniline
Concen: 4.009 ng/ul
RT: 15.763 min Scan# 2104
Delta R.T. -0.018 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

Instrument :
BNA_M
ClientSampleId :

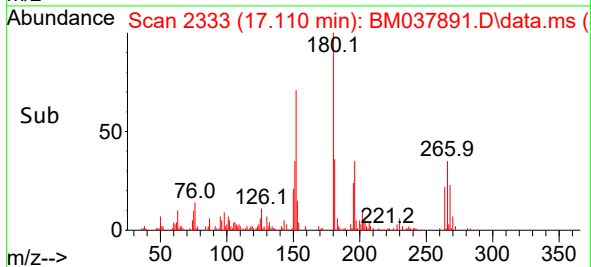
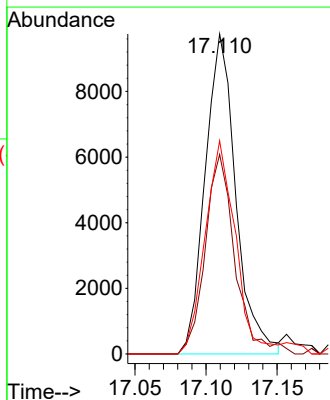
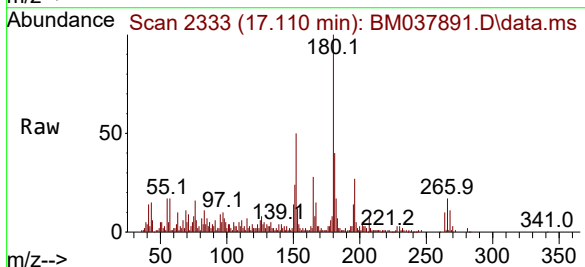


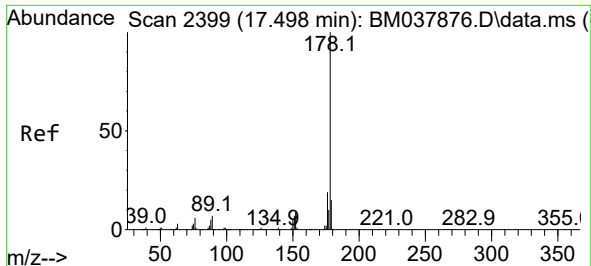
Tgt Ion:138 Resp: 31490
Ion Ratio Lower Upper
138 100
92 2.5 36.1 54.1#
108 3.1 51.6 77.4#



#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

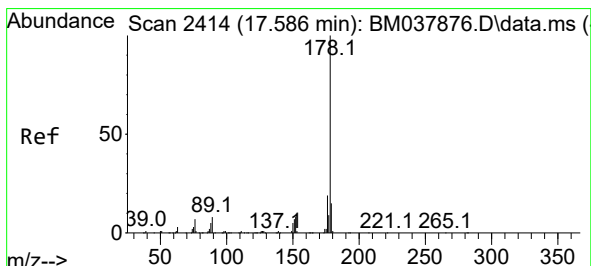
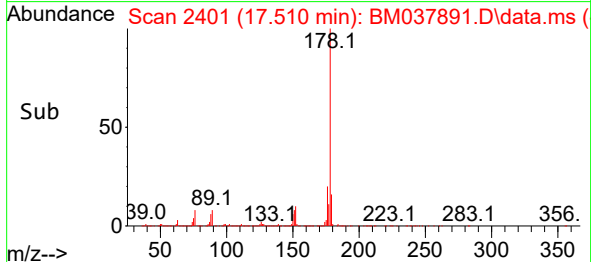
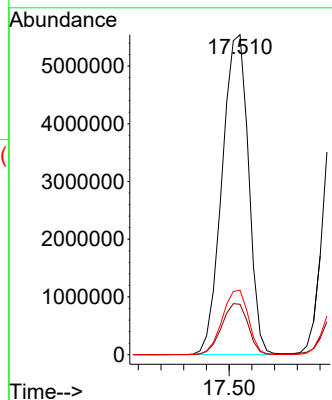
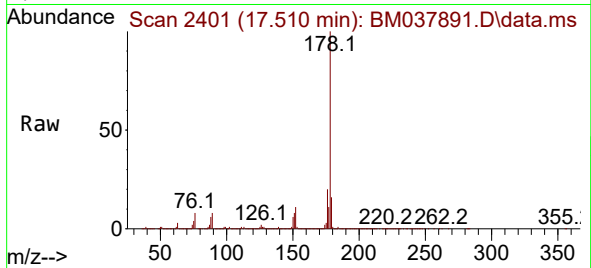




#72
Phenanthrene
Concen: 143.109 ng/ul
RT: 17.510 min Scan# 2401
Delta R.T. 0.012 min
Lab File: BM037891.D
Acq: 08 Dec 2022 17:50

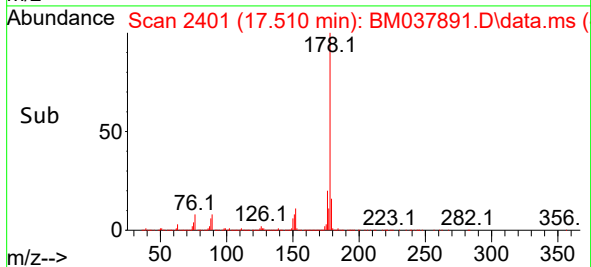
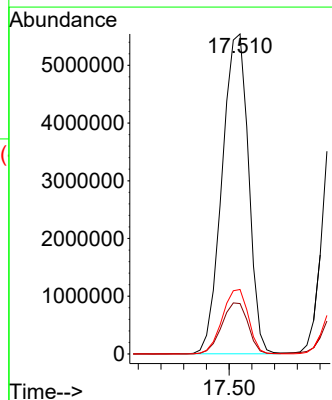
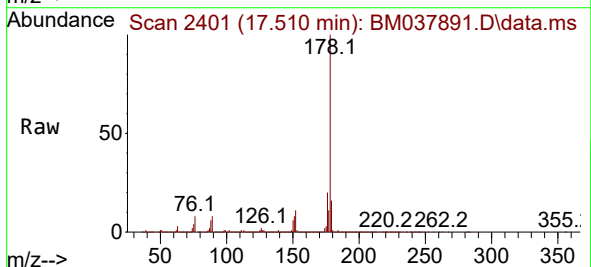
Instrument :
BNA_M
ClientSampleId :

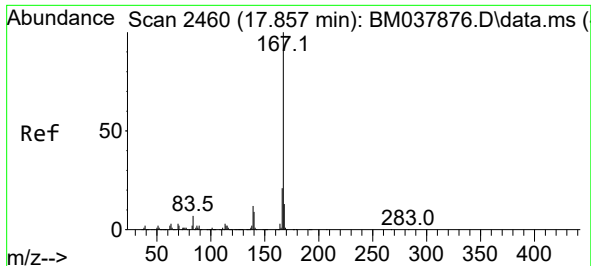
Tgt Ion:178 Resp: 8937466
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 20.1 15.4 23.0



#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

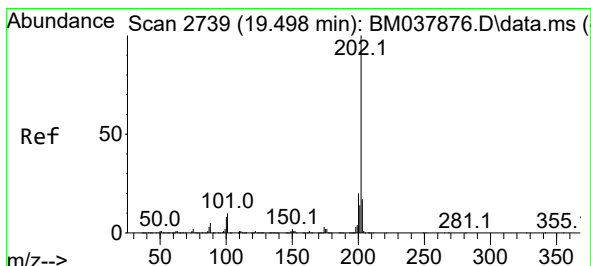
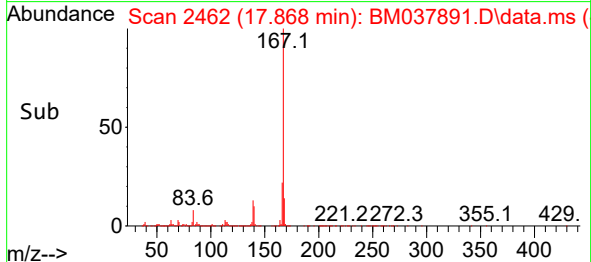
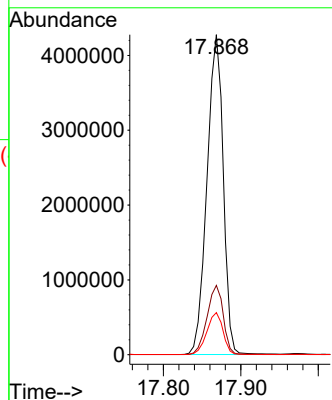
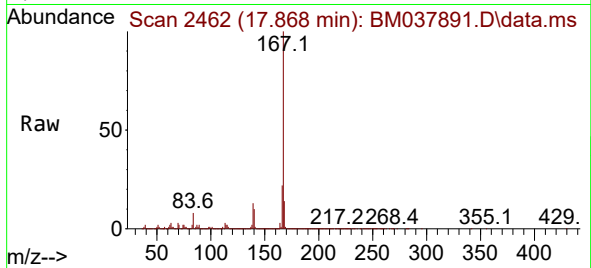




#77
 Carbazole
 Concen: 113.314 ng/ul
 RT: 17.868 min Scan# 2462
 Delta R.T. 0.012 min
 Lab File: BM037891.D
 Acq: 08 Dec 2022 17:50

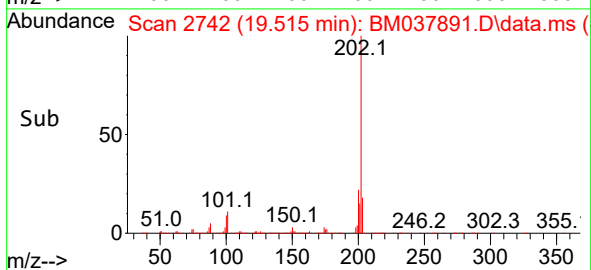
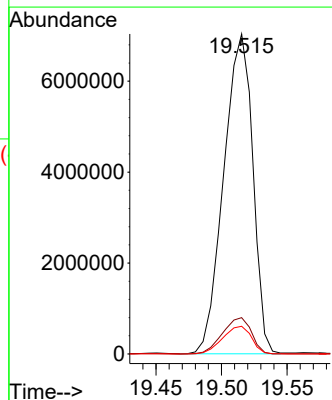
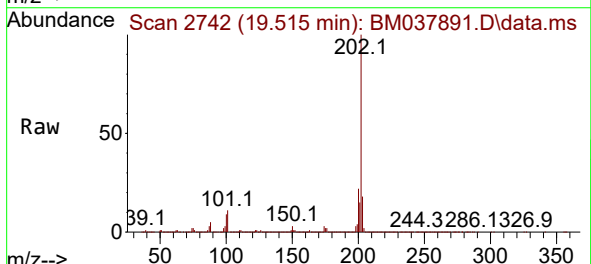
Instrument :
 BNA_M
 ClientSampleId :

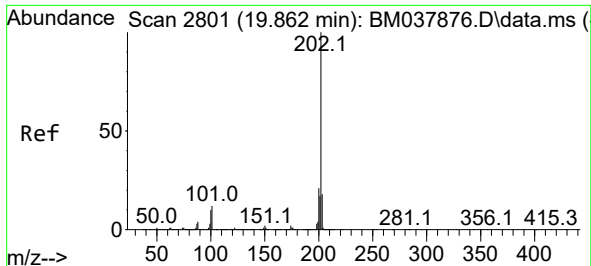
Tgt Ion:167 Resp: 6230750
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.7 25.1
 139 13.2 9.8 14.6



#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

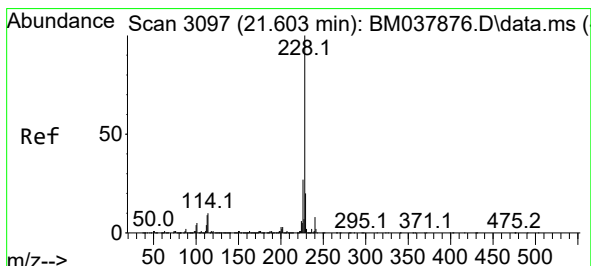
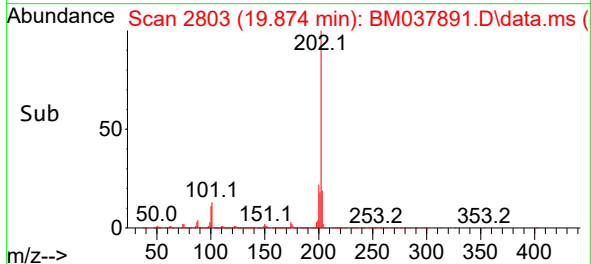
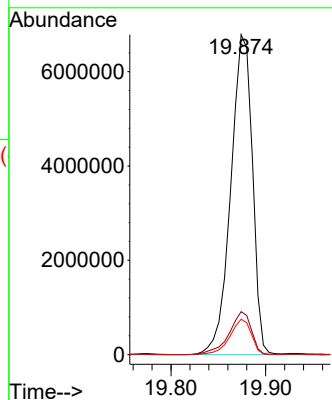
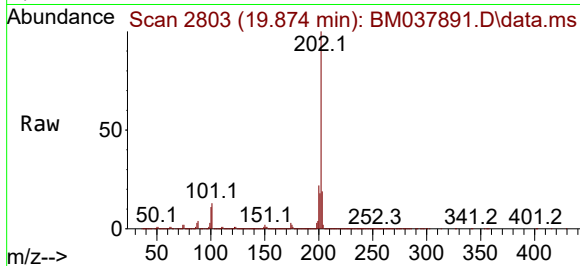




#82
 Pyrene
 Concen: 165.046 ng/ul
 RT: 19.874 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM037891.D
 Acq: 08 Dec 2022 17:50

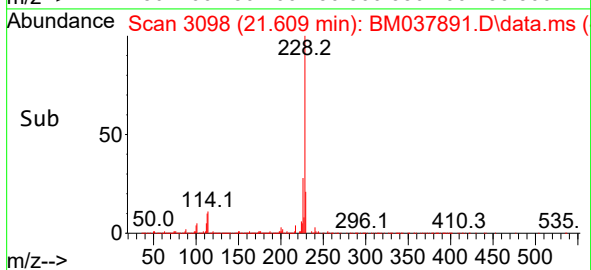
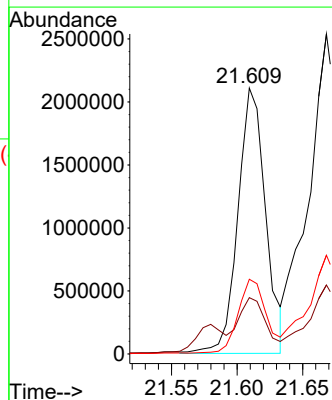
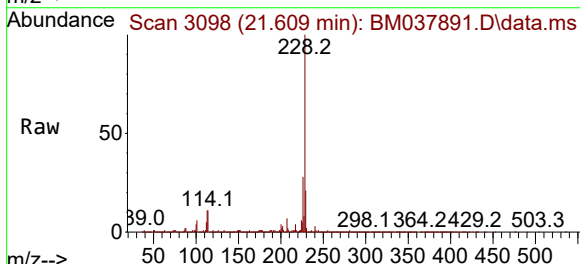
Instrument :
 BNA_M
 ClientSampleId :

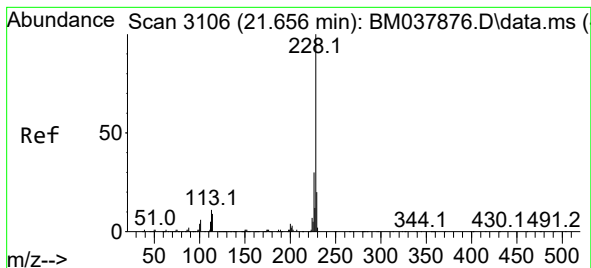
Tgt Ion:202 Resp:10748979
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.0 15.0
 100 11.0 7.9 11.9



#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# 3106

Delta R.T. 0.006 min

Lab File: BM037891.D

Acq: 08 Dec 2022 17:50

Instrument :

BNA_M

ClientSampleId :

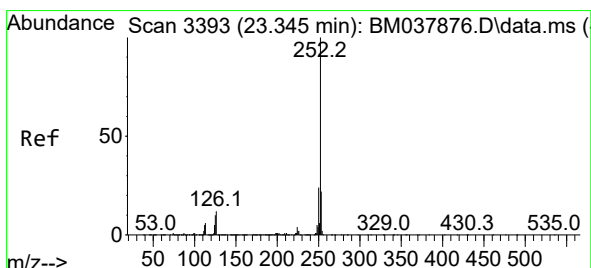
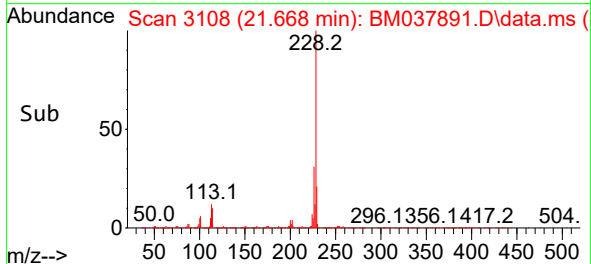
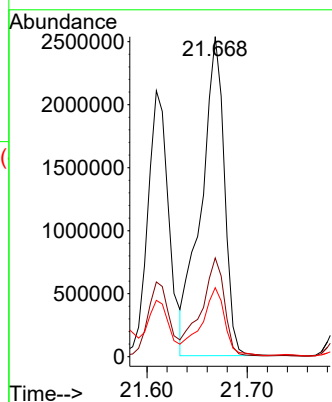
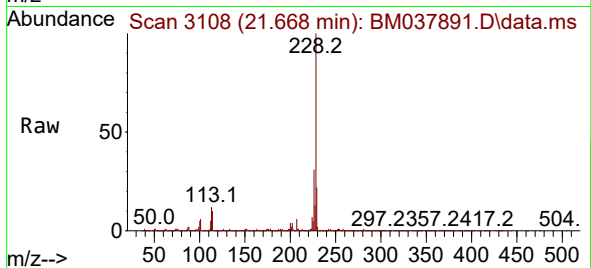
Tgt Ion:228 Resp: 4072869

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

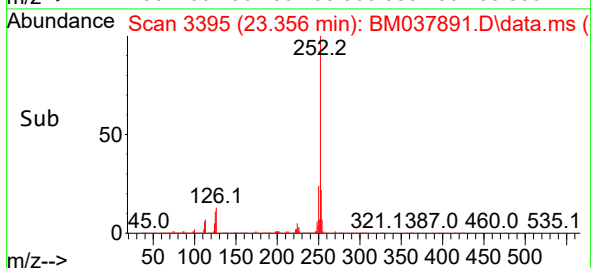
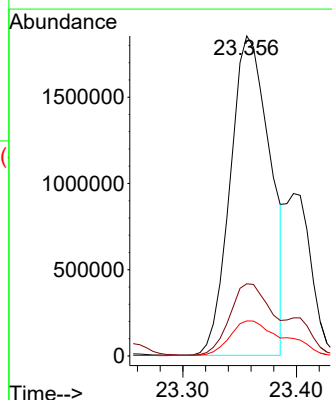
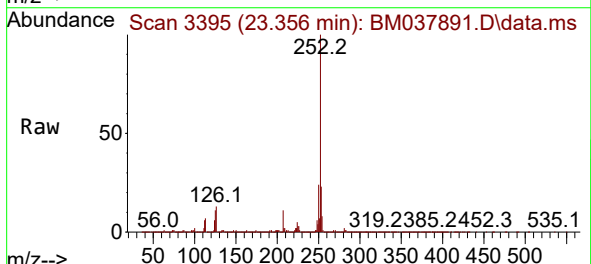
Tgt Ion:252 Resp: 4512636

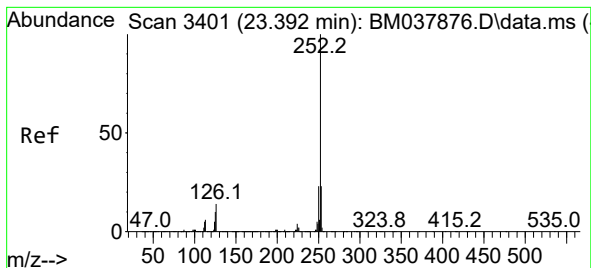
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.041 min

Lab File: BM037891.D

Acq: 08 Dec 2022 17:50

Instrument :

BNA_M

ClientSampleId :

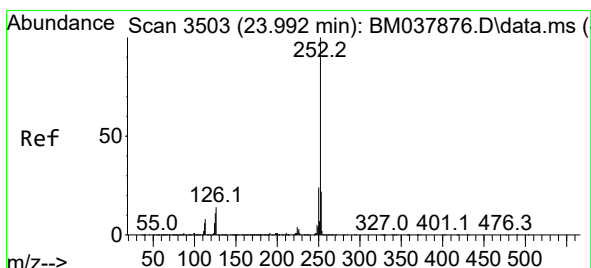
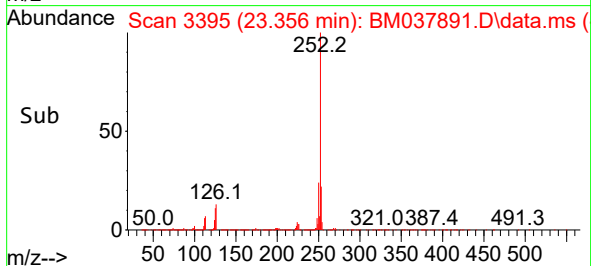
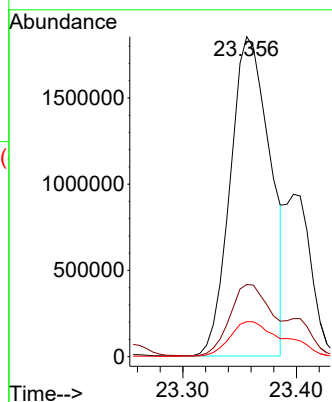
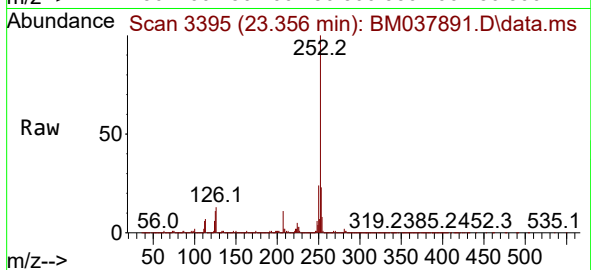
Tgt Ion:252 Resp: 4512636

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

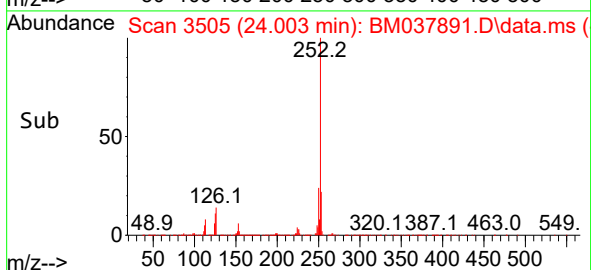
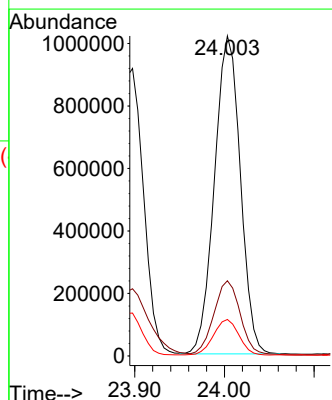
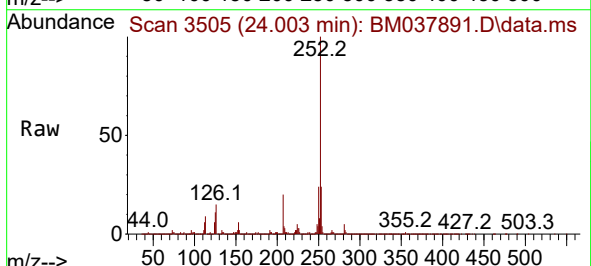
Tgt Ion:252 Resp: 2040676

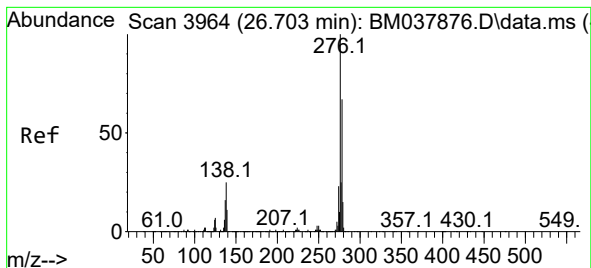
Ion Ratio Lower Upper

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# 3965

Delta R.T. 0.000 min

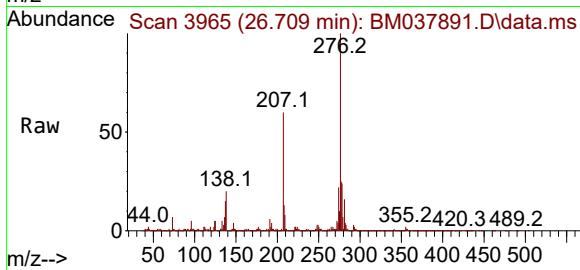
Lab File: BM037891.D

Acq: 08 Dec 2022 17:50

Instrument :

BNA_M

ClientSampleId :



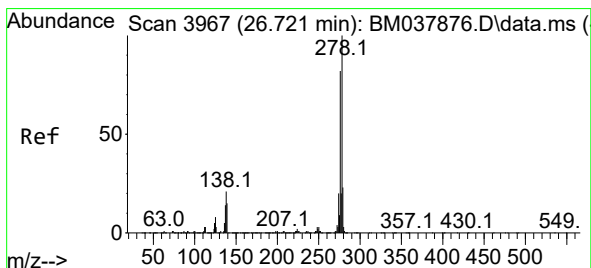
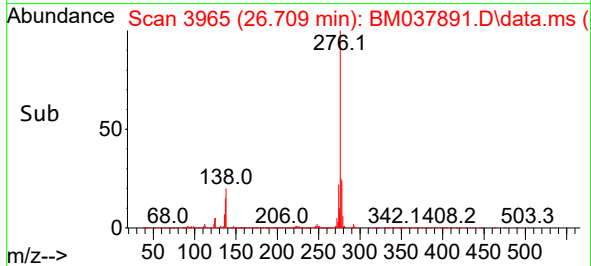
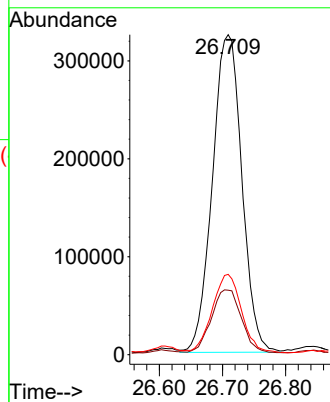
Tgt Ion:276 Resp: 1051894

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

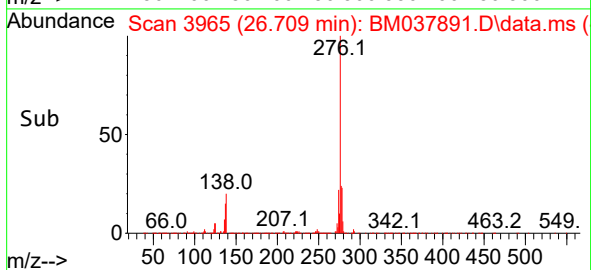
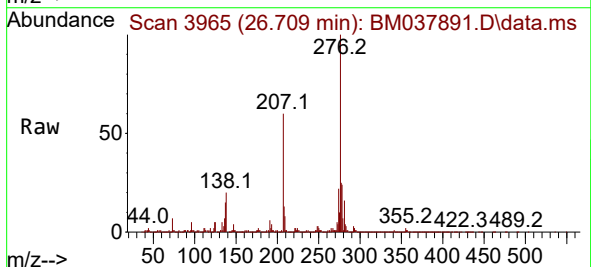
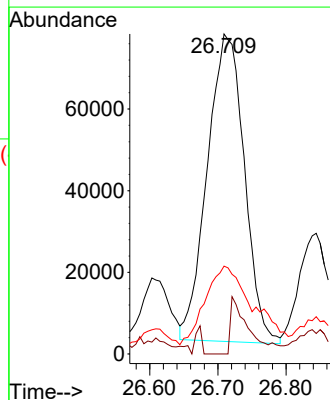
Tgt Ion:278 Resp: 284636

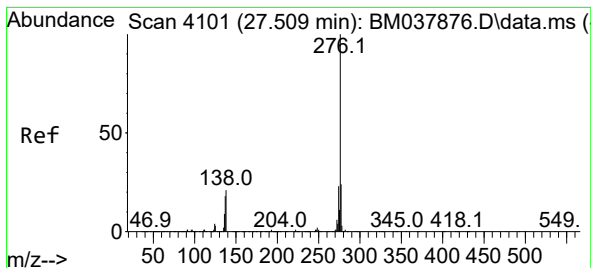
Ion Ratio Lower Upper

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# 41

Delta R.T. 0.000 min

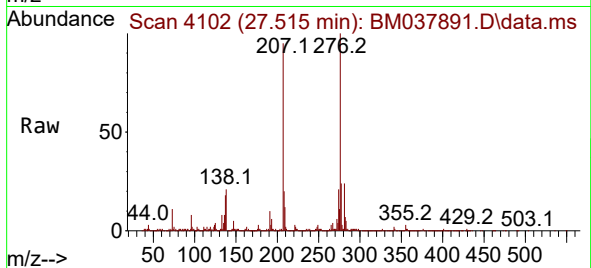
Lab File: BM037891.D

Acq: 08 Dec 2022 17:50

Instrument :

BNA_M

ClientSampleId :



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

