

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037923.D
 Acq On : 09 Dec 2022 18:57
 Operator : CG/JU
 Sample : N5896-14 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN2

Quant Time: Dec 09 21:50:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

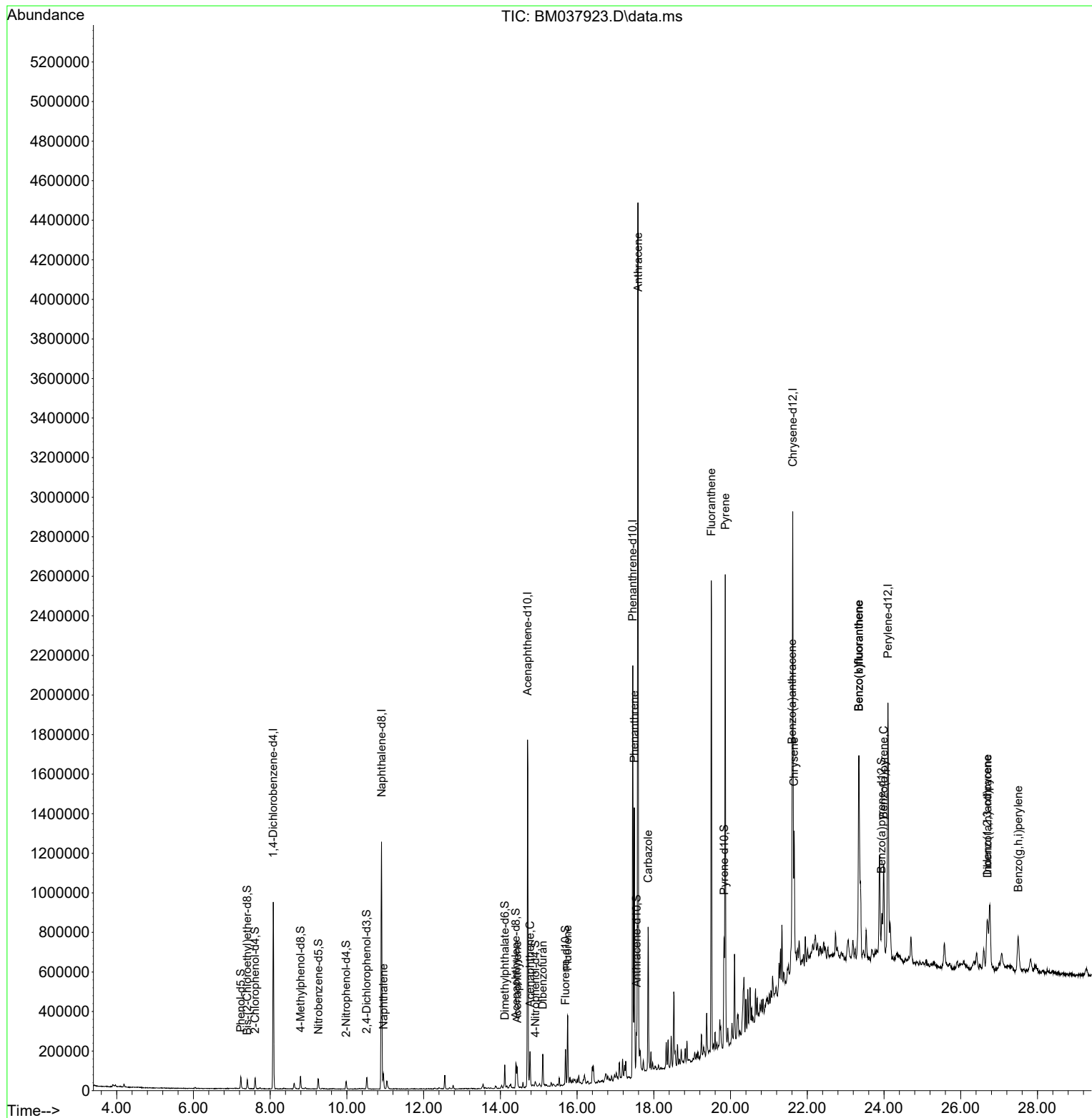
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	252041	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1033513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	603629	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1265338	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	980836	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1020444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1924	0.347	ng/uL	0.00
4) Pyridine-d5	3.852	84	471	0.029	ng/u1	0.00
7) Phenol-d5	7.234	99	31487	1.537	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	19183	1.538	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	26979	1.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	24763	1.549	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	12545	1.533	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	12767	1.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	23896	1.467	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	22066	0.981	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	75547	1.755	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	83543	1.588	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	7401	1.009	ng/u1	0.00
60) Fluorene-d10	15.698	176	71140	1.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	6732	0.995	ng/u1	0.00
73) Anthracene-d10	17.551	188	129723	2.197	ng/u1	0.00
81) Pyrene-d10	19.833	212	138211	2.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	105104	2.062	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	58788	1.054	ng/u1	98
50) Acenaphthylene	14.439	152	81931	1.417	ng/u1	98
52) Acenaphthene	14.774	153	65045	1.626	ng/u1	97
56) Dibenzofuran	15.104	168	109300	2.001	ng/u1	100
61) Fluorene	15.751	166	167572	3.762	ng/u1	98
72) Phenanthrene	17.492	178	780560	11.296	ng/u1	99
74) Anthracene	17.586	178	2732359	38.910	ng/u1	99
77) Carbazole	17.851	167	484141	7.958	ng/u1	99
80) Fluoranthene	19.498	202	1449852	20.851	ng/u1	99
82) Pyrene	19.862	202	1391954	19.234	ng/u1	99
85) Benzo(a)anthracene	21.603	228	348765	5.282	ng/u1	97
87) Chrysene	21.656	228	325207	5.249	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	934907	14.778	ng/u1	98
91) Benzo(k)fluoranthene	23.345	252	934907	15.248	ng/u1	98
93) Benzo(a)pyrene	23.992	252	356283	6.404	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.691	276	289450	4.040	ng/u1	97
95) Dibenzo(a,h)anthracene	26.703	278	74033	1.226	ng/u1#	91
96) Benzo(g,h,i)perylene	27.497	276	239922	4.194	ng/u1	98

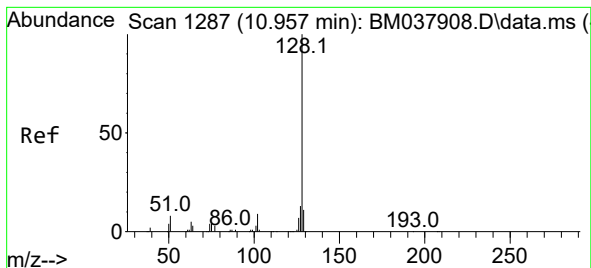
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 1.054 ng/ul

RT: 10.951 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BM037923.D

Acq: 09 Dec 2022 18:57

Instrument :

BNA_M

ClientSampleId :

DBXN2

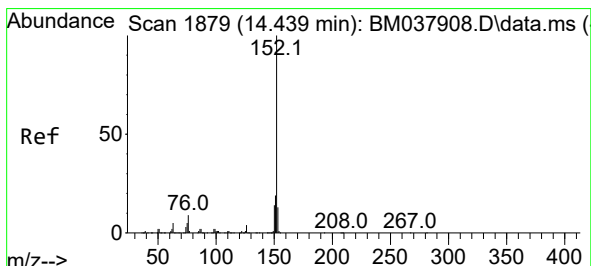
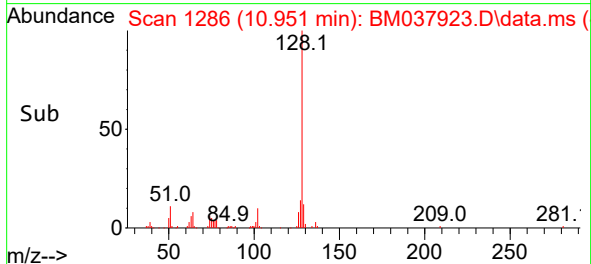
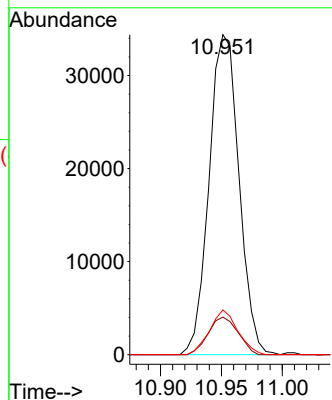
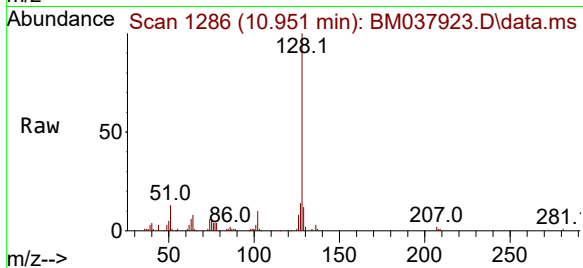
Tgt Ion:128 Resp: 58788

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.4

127 14.0 10.4 15.6



#50

Acenaphthylene

Concen: 1.417 ng/ul

RT: 14.439 min Scan# 1879

Delta R.T. 0.000 min

Lab File: BM037923.D

Acq: 09 Dec 2022 18:57

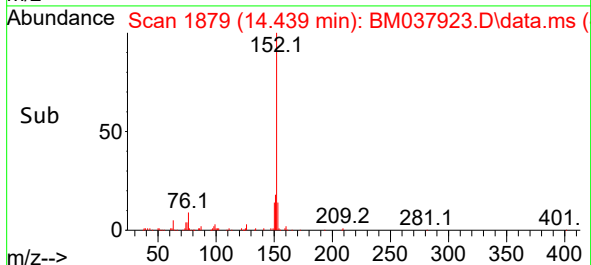
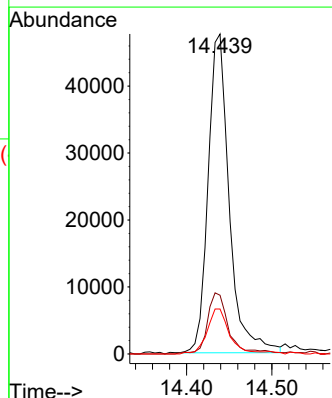
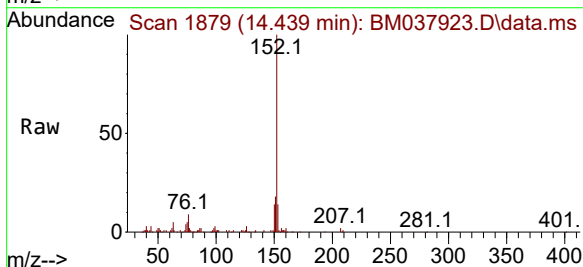
Tgt Ion:152 Resp: 81931

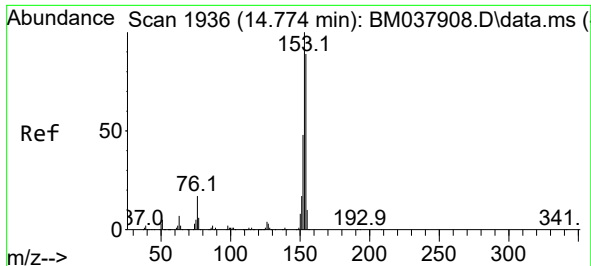
Ion Ratio Lower Upper

152 100

151 18.3 15.3 22.9

153 14.1 10.2 15.4

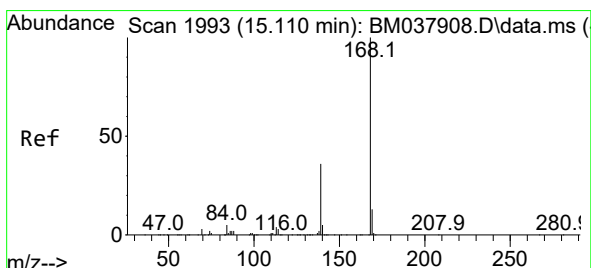
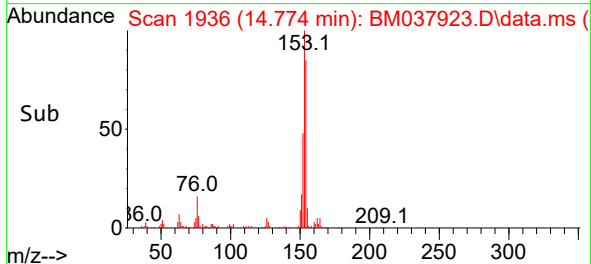
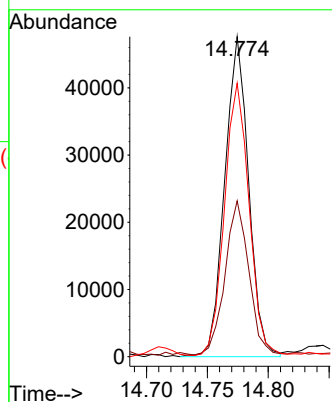
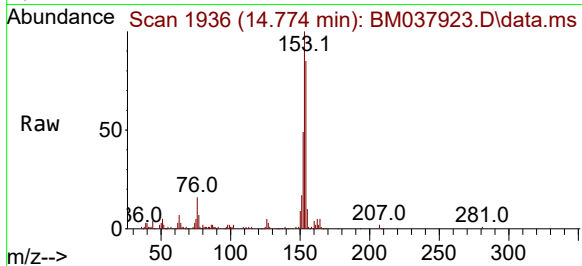




#52
Acenaphthene
Concen: 1.626 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

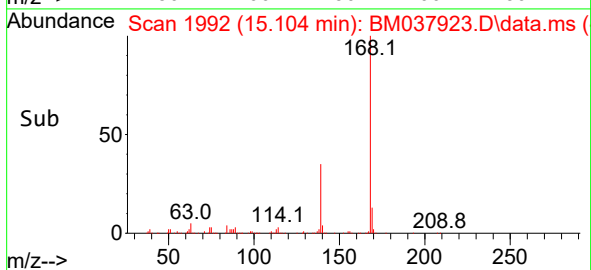
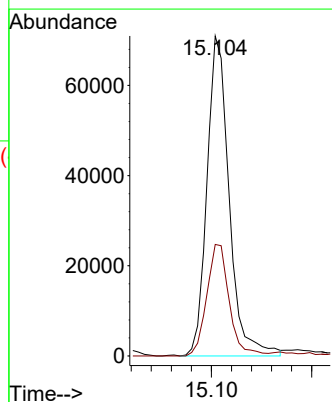
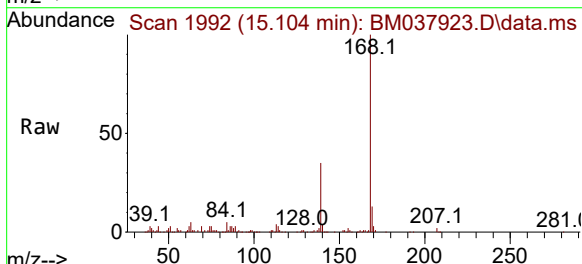
Instrument :
BNA_M
ClientSampleId :
DBXN2

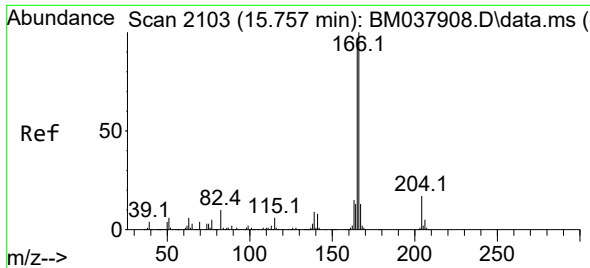
Tgt Ion:153 Resp: 65045
Ion Ratio Lower Upper
153 100
152 48.7 38.2 57.4
154 85.4 71.4 107.0



#56
Dibenzofuran
Concen: 2.001 ng/ul
RT: 15.104 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

Tgt Ion:168 Resp: 109300
Ion Ratio Lower Upper
168 100
139 34.9 28.1 42.1

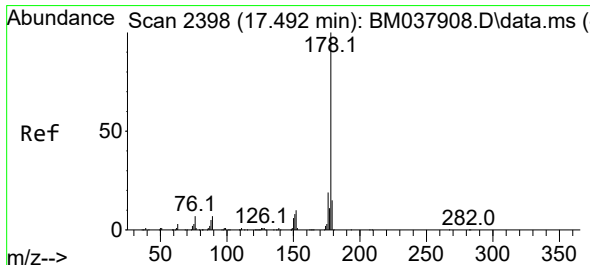
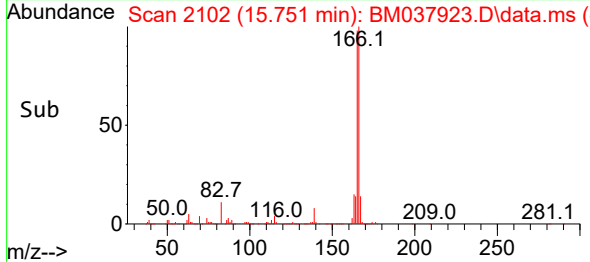
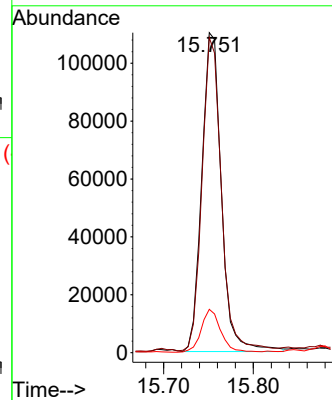
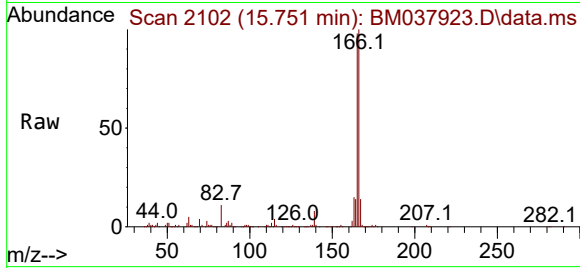




#61
Fluorene
Concen: 3.762 ng/ul
RT: 15.751 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

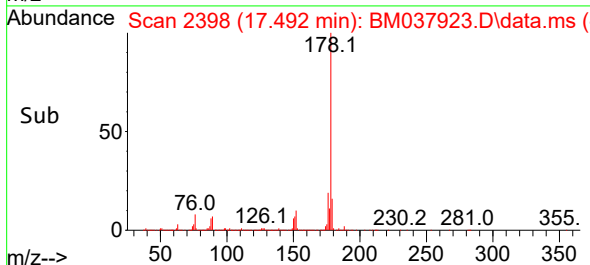
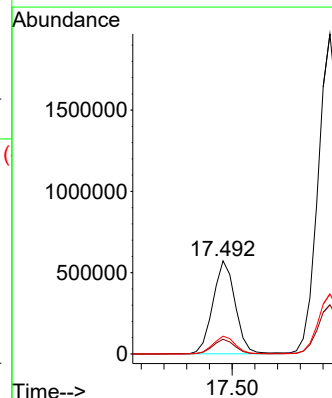
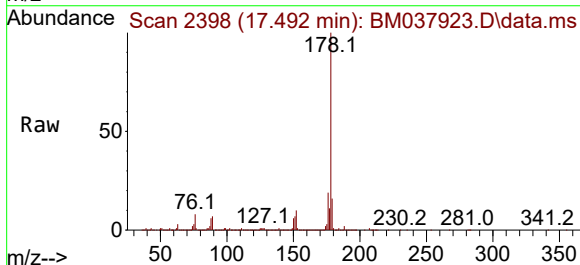
Instrument :
BNA_M
ClientSampleId :
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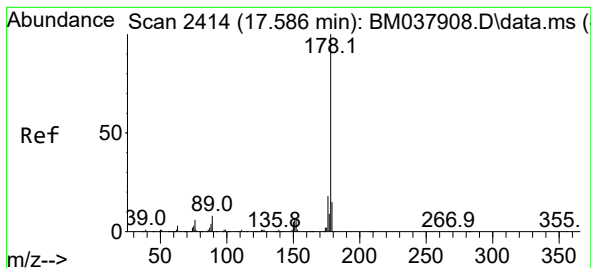
Tgt Ion:166 Resp: 167572
Ion Ratio Lower Upper
166 100
165 98.5 77.2 115.8
167 13.6 10.4 15.6



#72
Phenanthrene
Concen: 11.296 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

Tgt Ion:178 Resp: 780560
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.1 15.4 23.0





#74

Anthracene

Concen: 38.910 ng/ul

RT: 17.586 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM037923.D

Acq: 09 Dec 2022 18:57

Instrument :

BNA_M

ClientSampleId :

DBXN2

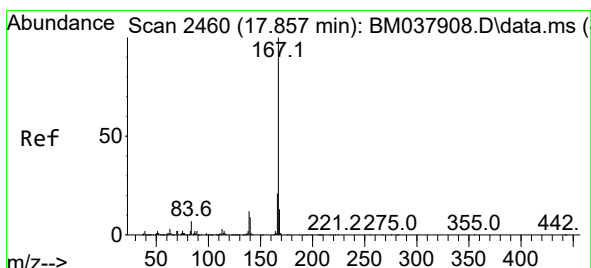
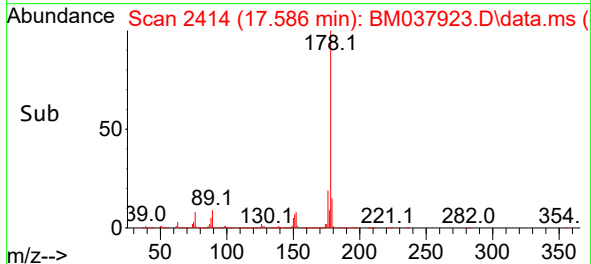
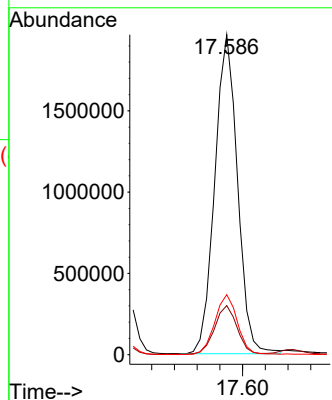
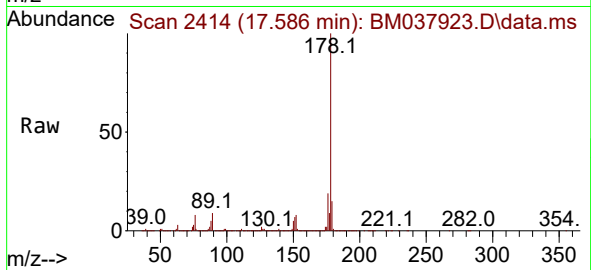
Tgt Ion:178 Resp: 2732359

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

176 18.7 15.0 22.6



#77

Carbazole

Concen: 7.958 ng/ul

RT: 17.851 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BM037923.D

Acq: 09 Dec 2022 18:57

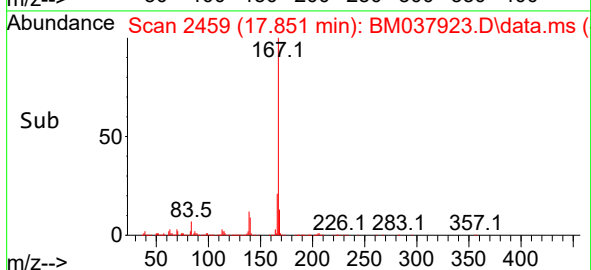
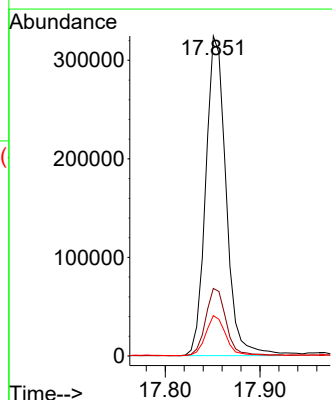
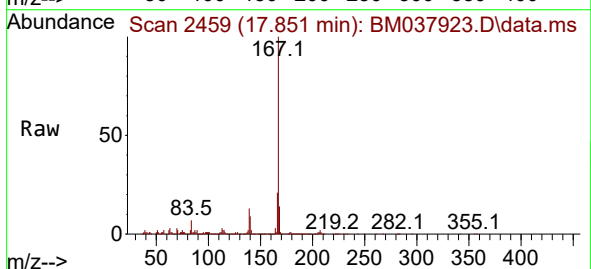
Tgt Ion:167 Resp: 484141

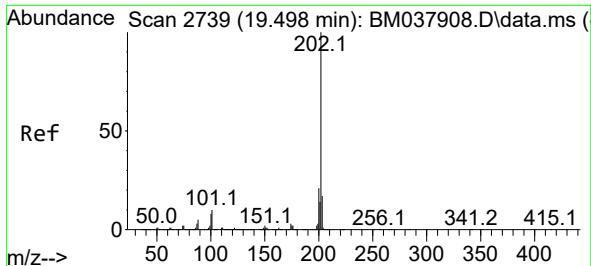
Ion Ratio Lower Upper

167 100

166 21.1 16.7 25.1

139 12.6 9.8 14.6

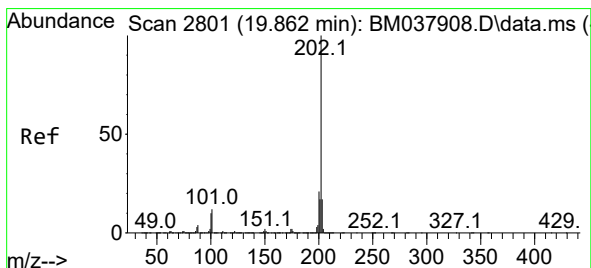
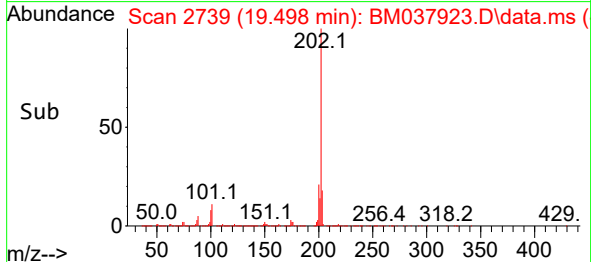
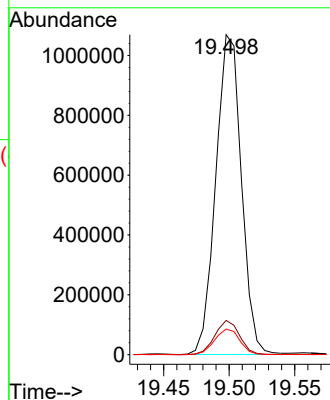
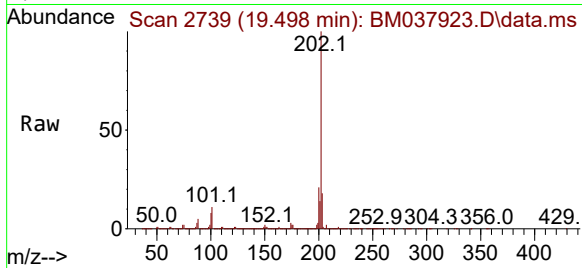




#80
Fluoranthene
Concen: 20.851 ng/ul
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

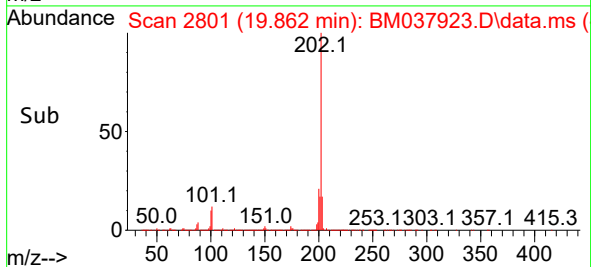
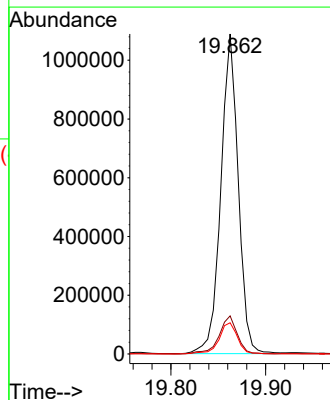
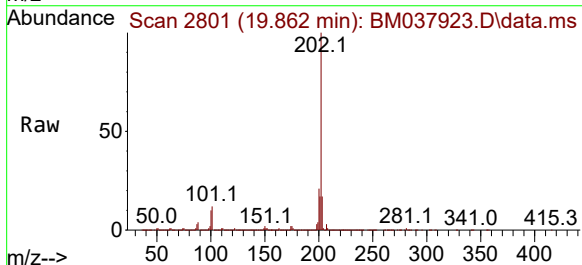
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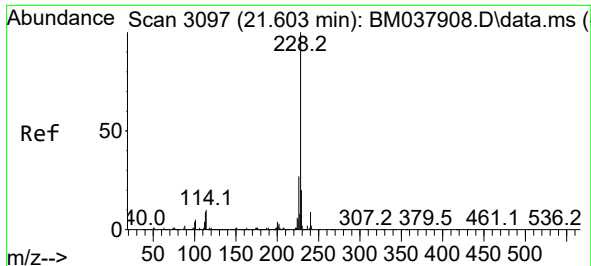
Tgt Ion:202 Resp: 1449852
Ion Ratio Lower Upper
202 100
101 10.7 8.6 13.0
100 8.0 6.6 10.0



#82
Pyrene
Concen: 19.234 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

Tgt Ion:202 Resp: 1391954
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 9.7 7.9 11.9

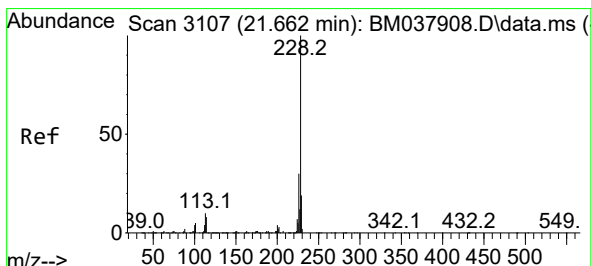
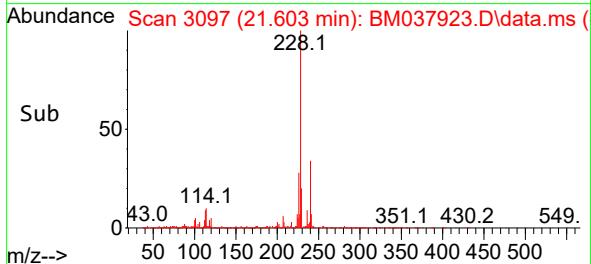
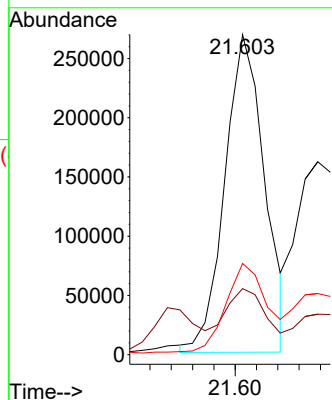
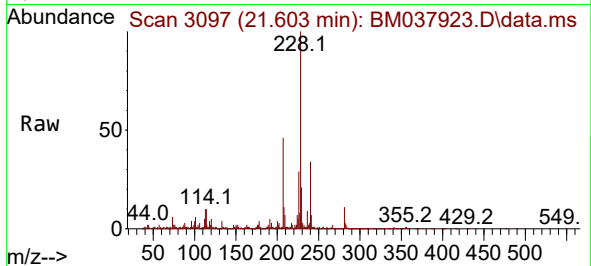




#85
Benzo(a)anthracene
Concen: 5.282 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

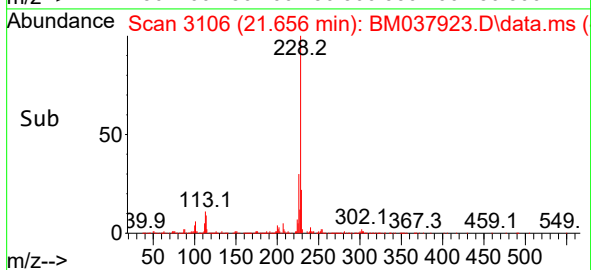
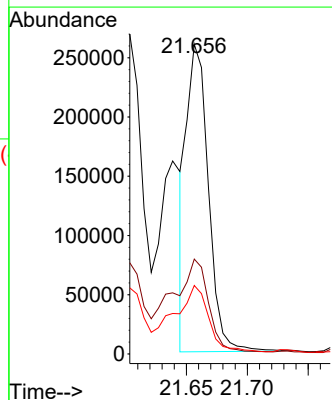
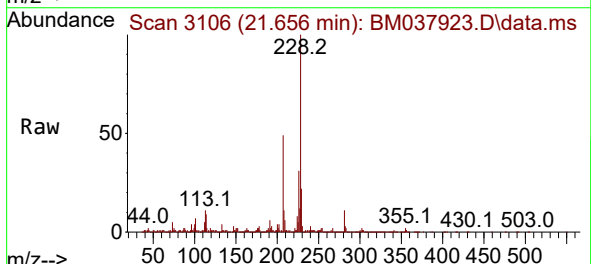
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BNA_M
ClientSampleId :
DBXN2

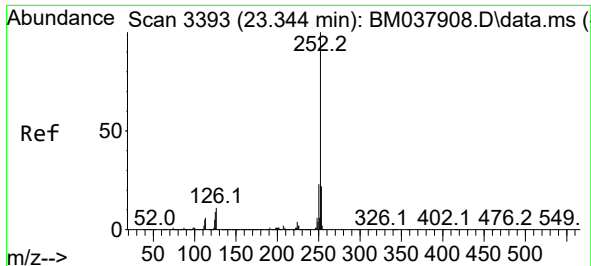
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Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 28.5 21.8 32.8



#87
Chrysene
Concen: 5.249 ng/ul
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

Tgt Ion:228 Resp: 325207
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.1 15.6 23.4

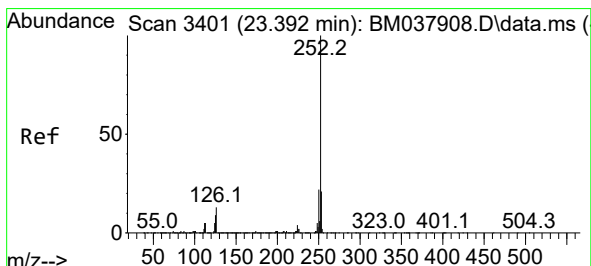
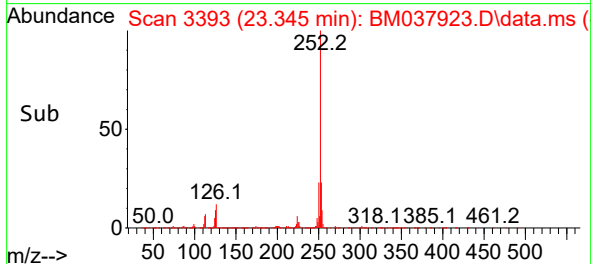
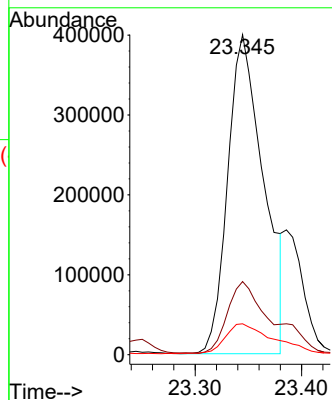
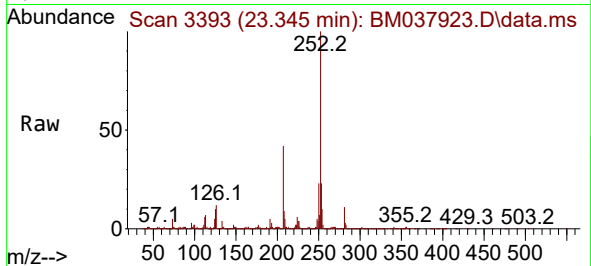




#90
Benzo(b)fluoranthene
Concen: 14.778 ng/ul
RT: 23.345 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

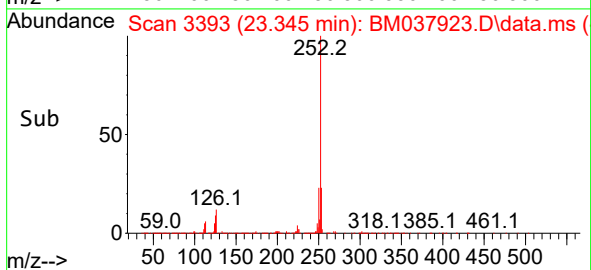
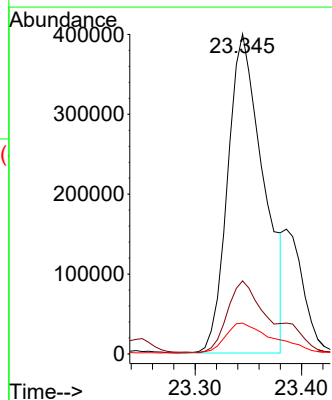
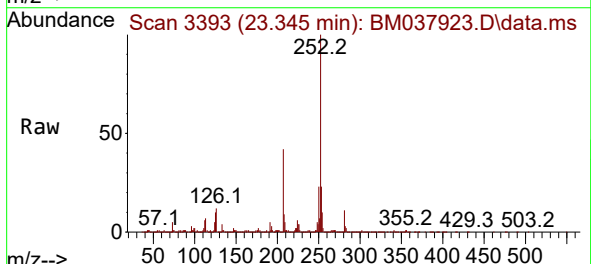
Instrument :
BNA_M
ClientSampleId :
DBXN2

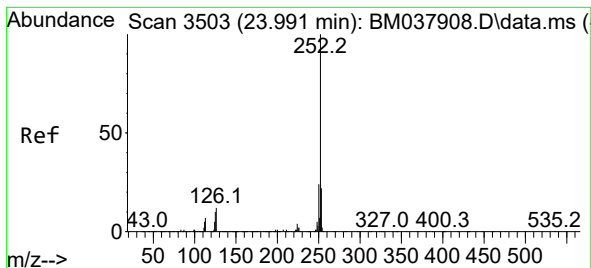
Tgt Ion:252 Resp: 934907
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.6 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 15.248 ng/ul
RT: 23.345 min Scan# 3393
Delta R.T. -0.047 min
Lab File: BM037923.D
Acq: 09 Dec 2022 18:57

Tgt Ion:252 Resp: 934907
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.6 8.1 12.1





#93

Benzo(a)pyrene

Concen: 6.404 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM037923.D

Acq: 09 Dec 2022 18:57

Instrument :

BNA_M

ClientSampleId :

DBXN2

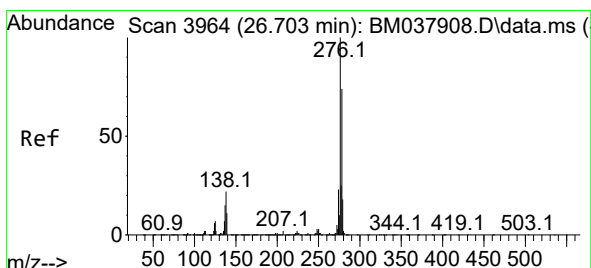
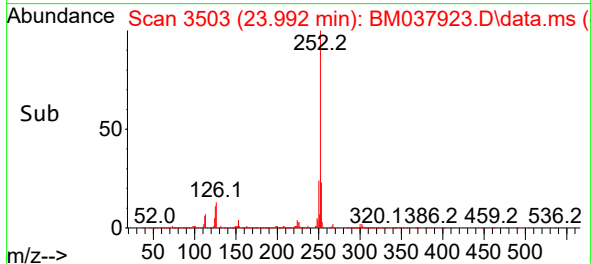
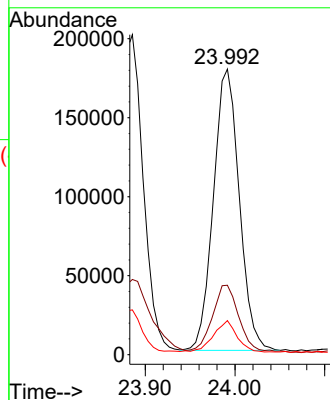
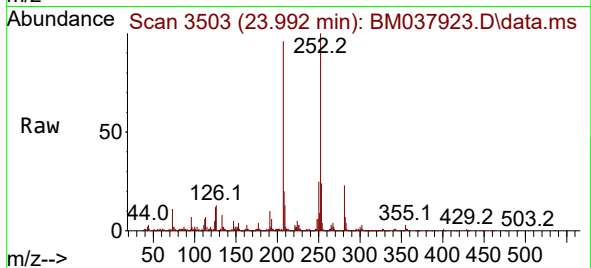
Tgt Ion:252 Resp: 356283

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 11.9 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.040 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BM037923.D

Acq: 09 Dec 2022 18:57

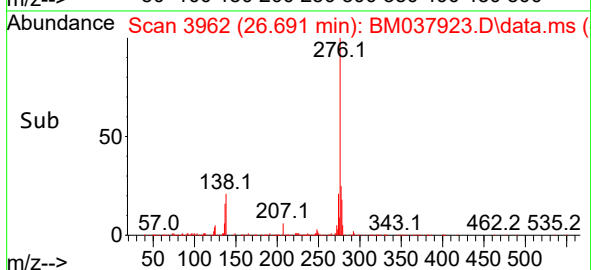
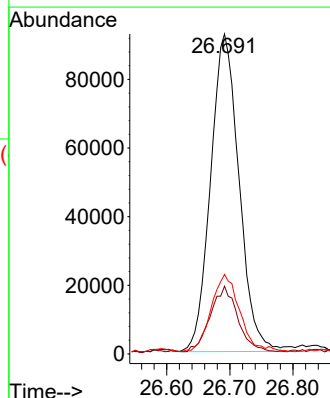
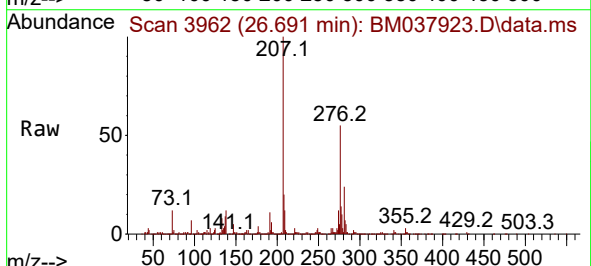
Tgt Ion:276 Resp: 289450

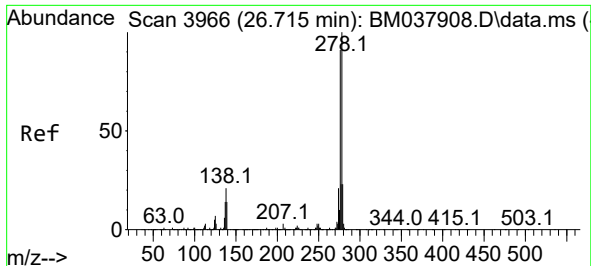
Ion Ratio Lower Upper

276 100

138 21.2 19.3 28.9

277 24.9 19.8 29.8

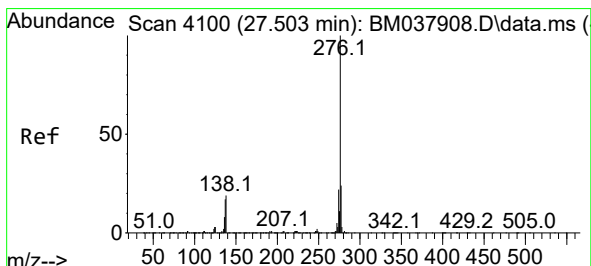
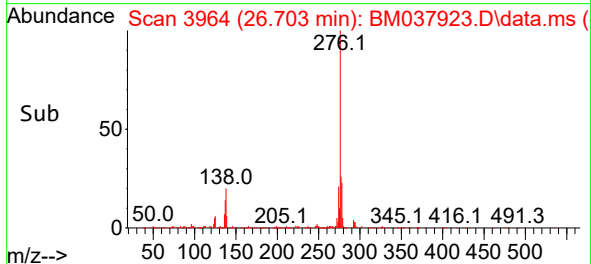
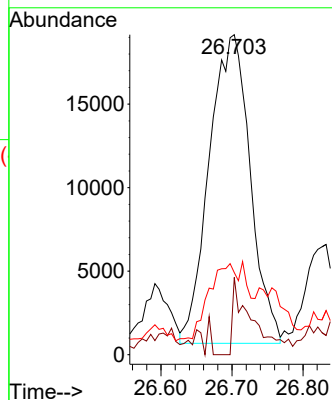
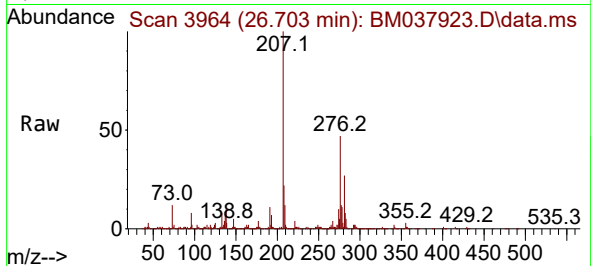




#95
 Dibenzo(a,h)anthracene
 Concen: 1.226 ng/ul
 RT: 26.703 min Scan# 3964
 Delta R.T. -0.012 min
 Lab File: BM037923.D
 Acq: 09 Dec 2022 18:57

Instrument :
 BNA_M
 ClientSampleId :
 DBXN2

Tgt Ion:278 Resp: 74033
 Ion Ratio Lower Upper
 278 100
 139 24.1 12.4 18.6#
 279 25.6 19.8 29.6



#96
 Benzo(g,h,i)perylene
 Concen: 4.194 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.006 min
 Lab File: BM037923.D
 Acq: 09 Dec 2022 18:57

Tgt Ion:276 Resp: 239922
 Ion Ratio Lower Upper
 276 100
 138 20.5 17.1 25.7
 277 24.2 18.2 27.4

