

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037899.D
 Acq On : 08 Dec 2022 22:44
 Operator : CG/JU
 Sample : N5832-10 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK7

Quant Time: Dec 09 01:50:41 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)

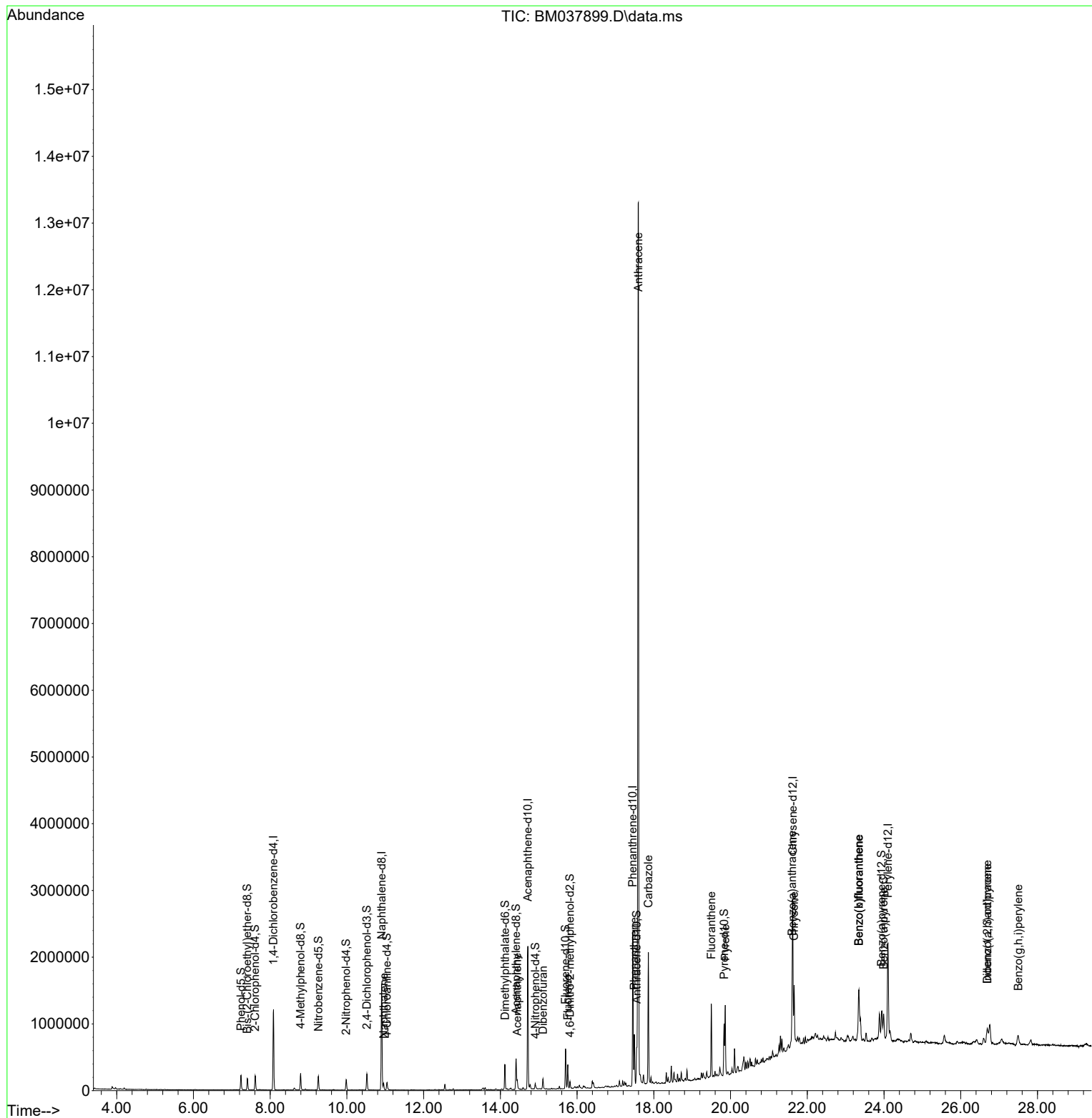
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	327549	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1339122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	738114	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1397108	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1023413	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1130731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	6388	0.886	ng/uL	0.00
4) Pyridine-d5	3.840	84	374	0.017	ng/u1	-0.02
7) Phenol-d5	7.240	99	120559	4.529	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	73847	4.556	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	99985	4.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	89416	4.304	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	50144	4.729	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	50532	4.548	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	91376	4.330	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	59824	2.054	ng/u1	0.00
46) Dimethylphthalate-d6	14.121	166	266297	5.061	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	306048	4.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	24602	2.743	ng/u1	0.00
60) Fluorene-d10	15.698	176	243378	5.191	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	19667	2.633	ng/u1	0.00
73) Anthracene-d10	17.551	188	343502	5.268	ng/u1	0.00
81) Pyrene-d10	19.833	212	340517	5.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	284115	5.031	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	79748	1.104	ng/u1	99
50) Acenaphthylene	14.439	152	112611	1.592	ng/u1	98
56) Dibenzofuran	15.110	168	100652	1.507	ng/u1	97
61) Fluorene	15.757	166	150792	2.769	ng/u1	96
72) Phenanthrene	17.492	178	462376	6.060	ng/u1	99
74) Anthracene	17.598	178	9193069	118.565	ng/u1	98
77) Carbazole	17.857	167	1243998	18.519	ng/u1	100
80) Fluoranthene	19.498	202	651282	8.977	ng/u1	100
82) Pyrene	19.862	202	619212	8.200	ng/u1	98
85) Benzo(a)anthracene	21.603	228	298553	4.333	ng/u1	95
87) Chrysene	21.656	228	549476	8.500	ng/u1	99
90) Benzo(b)fluoranthene	23.344	252	679578	9.694	ng/u1	99
91) Benzo(k)fluoranthene	23.344	252	679578	10.003	ng/u1	99
93) Benzo(a)pyrene	23.991	252	288875	4.686	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.691	276	261083	3.289	ng/u1	96
95) Dibenzo(a,h)anthracene	26.691	278	68030	1.016	ng/u1#	78
96) Benzo(g,h,i)perylene	27.497	276	181649	2.866	ng/u1	93

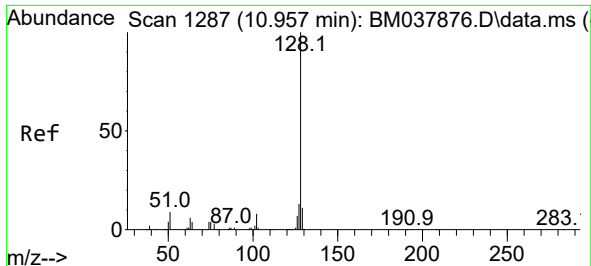
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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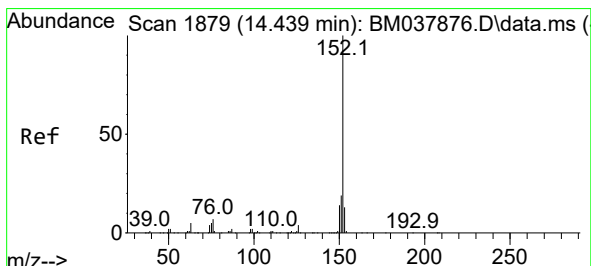
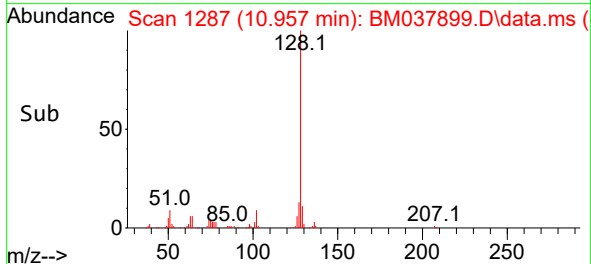
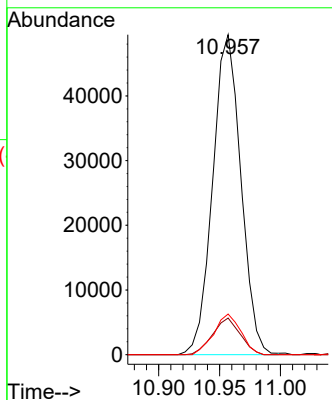
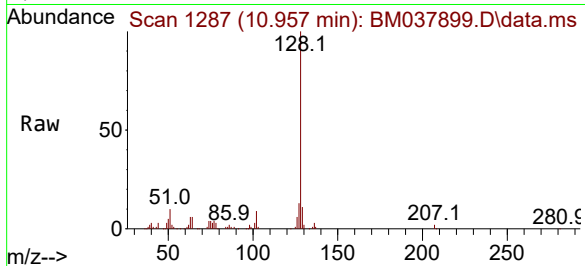




#30
Naphthalene
Concen: 1.104 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

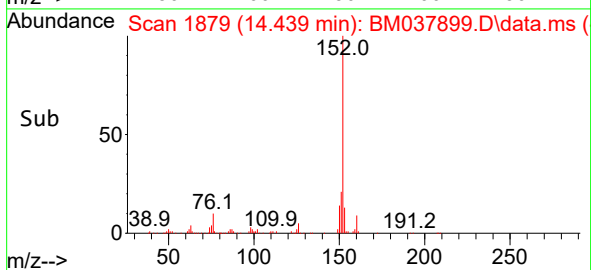
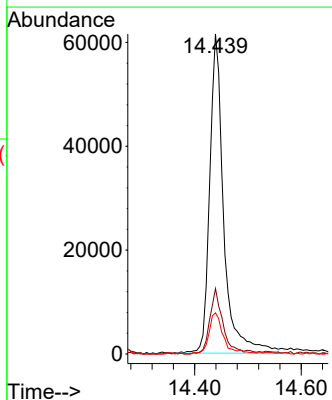
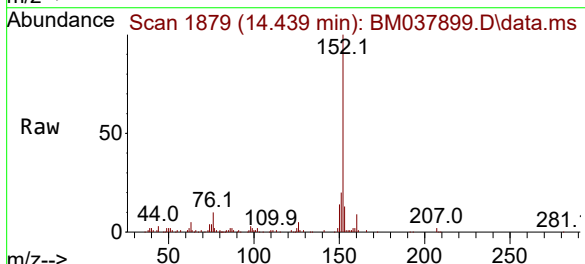
Instrument :
BNA_M
ClientSampleId :
DBXK7

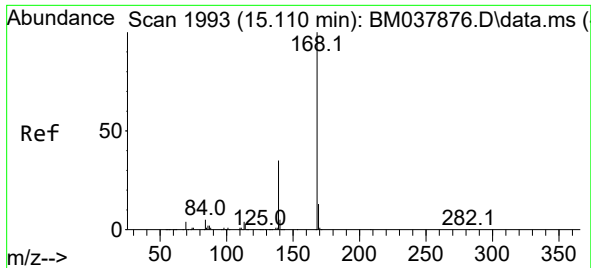
Tgt Ion:128 Resp: 79748
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.7 10.4 15.6



#50
Acenaphthylene
Concen: 1.592 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

Tgt Ion:152 Resp: 112611
Ion Ratio Lower Upper
152 100
151 20.5 15.3 22.9
153 12.8 10.2 15.4

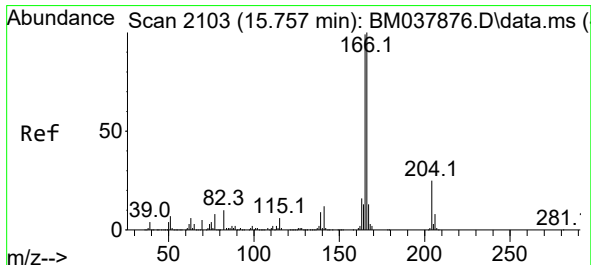
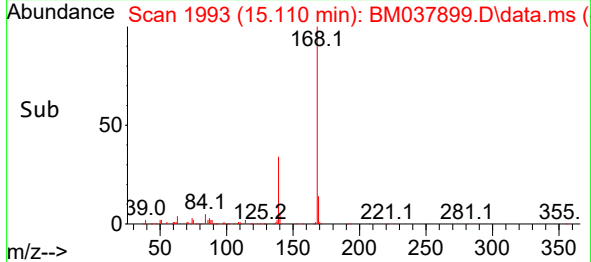
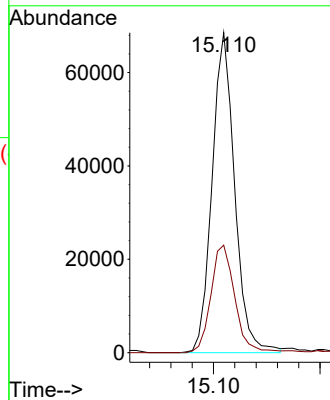
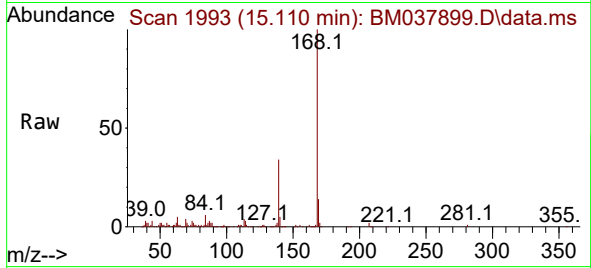




#56
Dibenzenofuran
Concen: 1.507 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

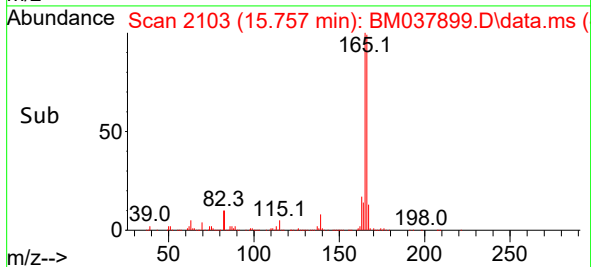
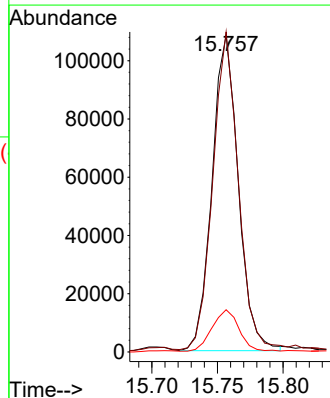
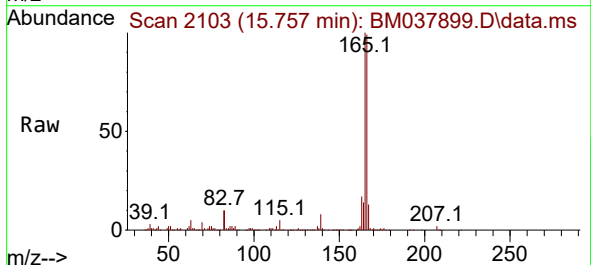
Instrument :
BNA_M
ClientSampleId :
DBXK7

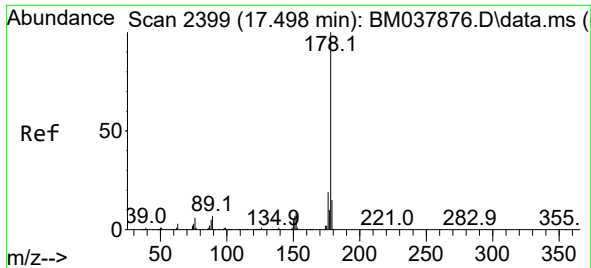
Tgt Ion:168 Resp: 100652
Ion Ratio Lower Upper
168 100
139 33.6 28.1 42.1



#61
Fluorene
Concen: 2.769 ng/ul
RT: 15.757 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

Tgt Ion:166 Resp: 150792
Ion Ratio Lower Upper
166 100
165 101.0 77.2 115.8
167 13.3 10.4 15.6

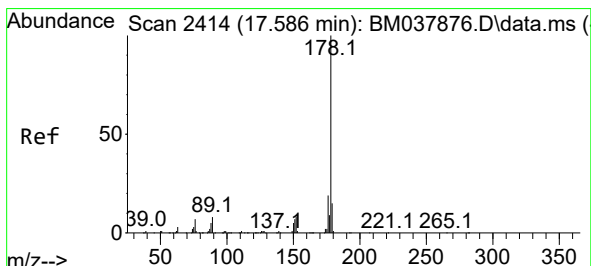
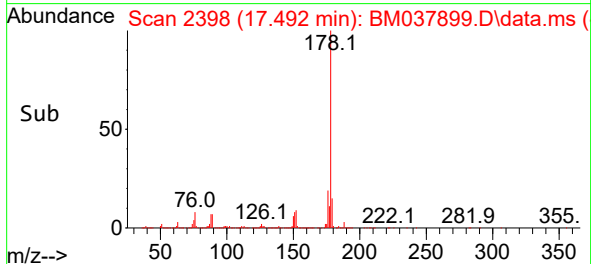
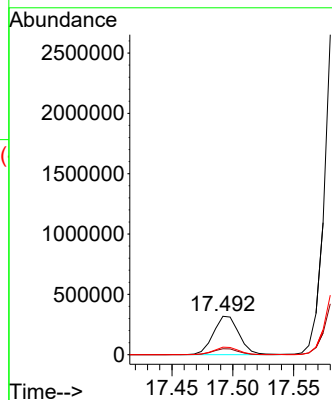
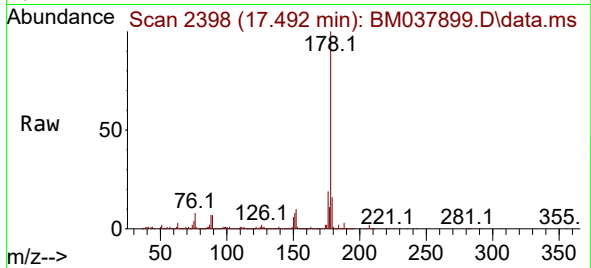




#72
Phenanthrene
Concen: 6.060 ng/ul
RT: 17.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

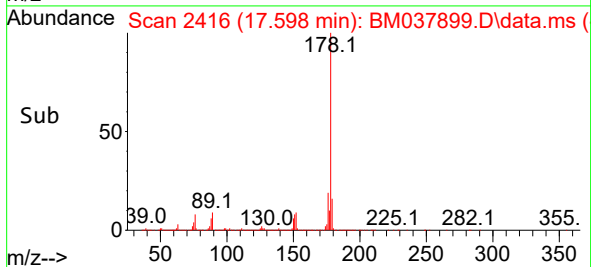
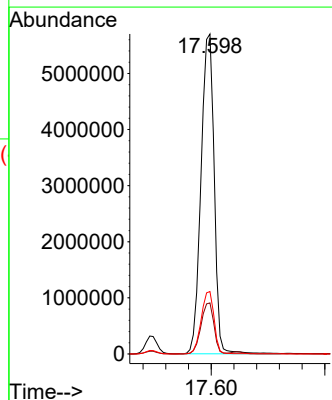
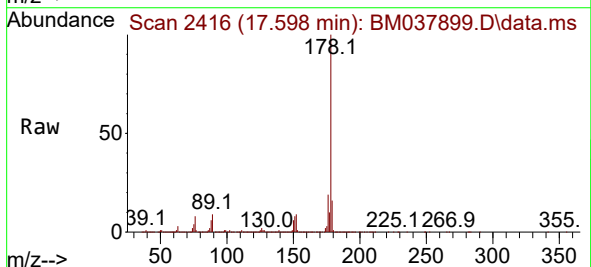
Instrument :
BNA_M
ClientSampleId :
DBXK7

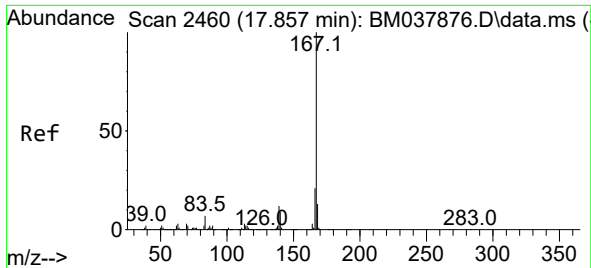
Tgt Ion:178 Resp: 462376
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.4 23.0



#74
Anthracene
Concen: 118.565 ng/ul
RT: 17.598 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

Tgt Ion:178 Resp: 9193069
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 19.5 15.0 22.6

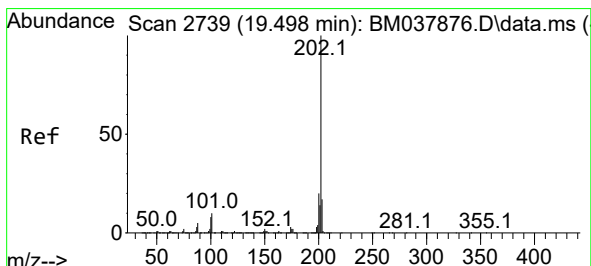
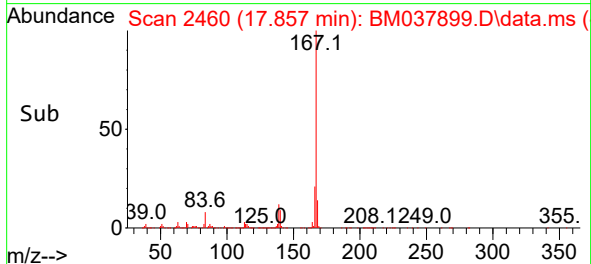
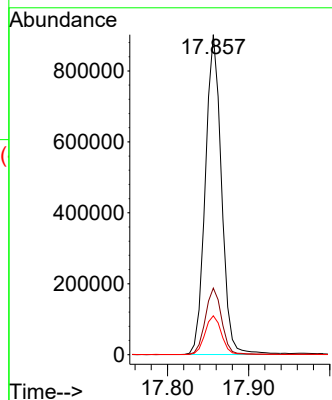
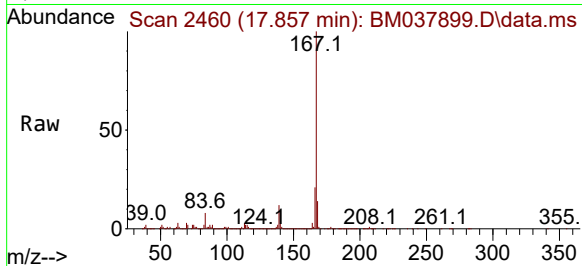




#77
 Carbazole
 Concen: 18.519 ng/ul
 RT: 17.857 min Scan# 2460
 Delta R.T. 0.000 min
 Lab File: BM037899.D
 Acq: 08 Dec 2022 22:44

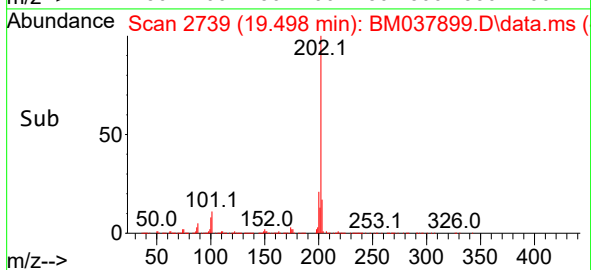
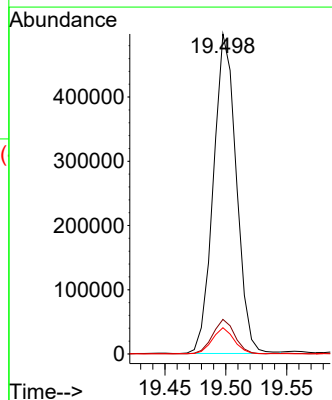
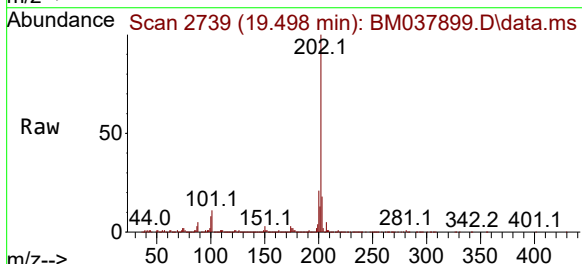
Instrument :
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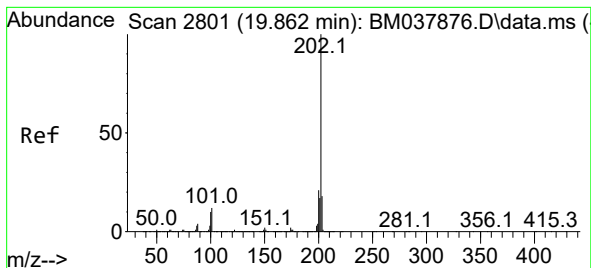
Tgt Ion:167 Resp: 1243998
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.7 25.1
 139 12.2 9.8 14.6



#80
 Fluoranthene
 Concen: 8.977 ng/ul
 RT: 19.498 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BM037899.D
 Acq: 08 Dec 2022 22:44

Tgt Ion:202 Resp: 651282
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.6 13.0
 100 8.2 6.6 10.0





#82

Pyrene

Concen: 8.200 ng/ul

RT: 19.862 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

Instrument :

BNA_M

ClientSampleId :

DBXK7

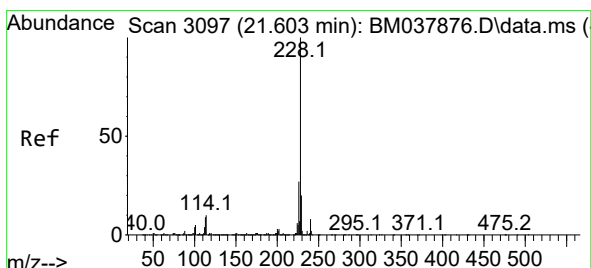
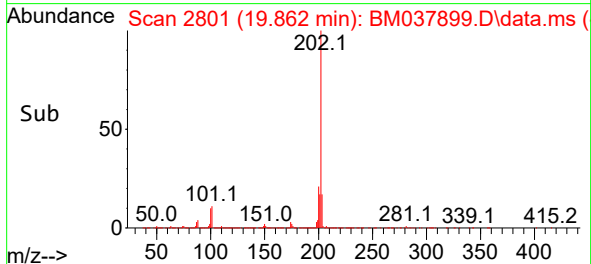
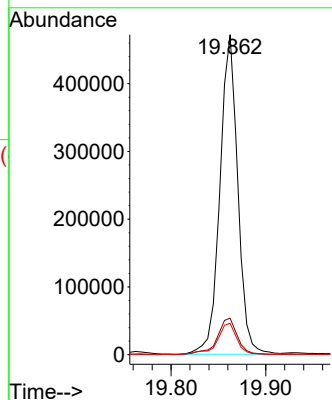
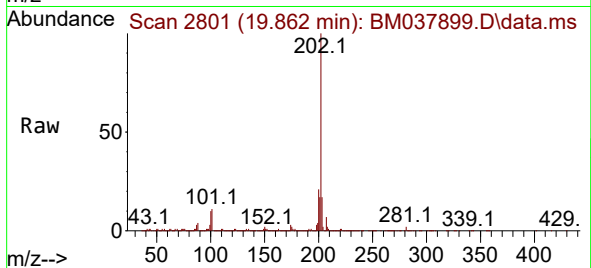
Tgt Ion:202 Resp: 619212

Ion Ratio Lower Upper

202 100

101 11.4 10.0 15.0

100 9.8 7.9 11.9



#85

Benzo(a)anthracene

Concen: 4.333 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

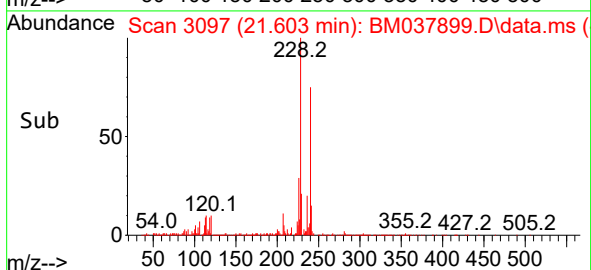
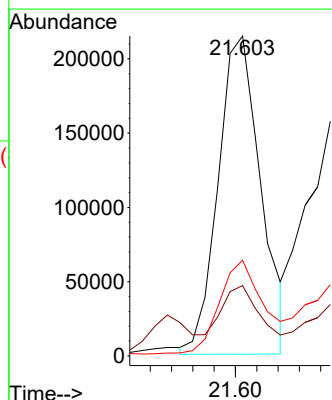
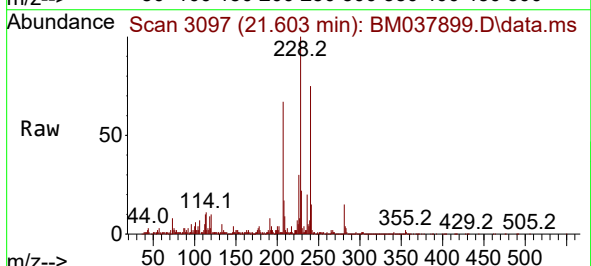
Tgt Ion:228 Resp: 298553

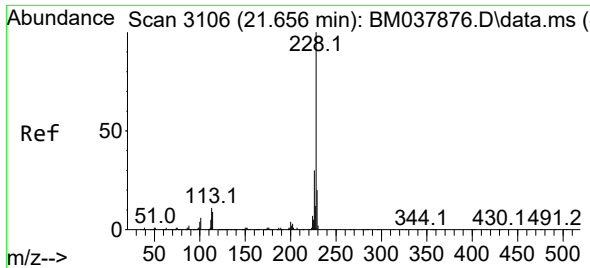
Ion Ratio Lower Upper

228 100

229 22.0 15.5 23.3

226 29.9 21.8 32.8





#87

Chrysene

Concen: 8.500 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

Instrument :

BNA_M

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DBXK7

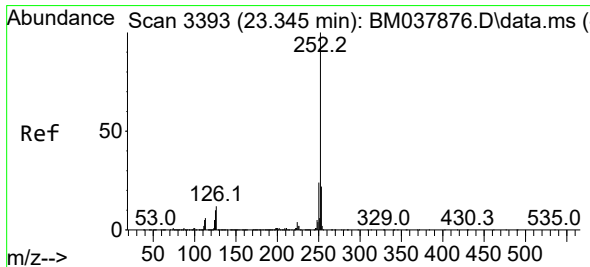
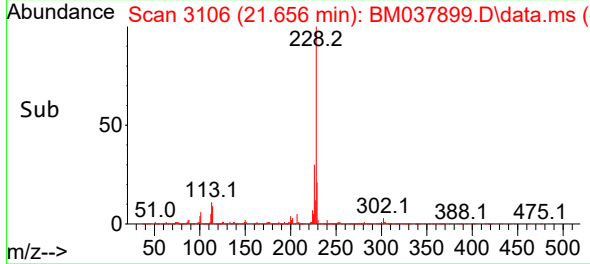
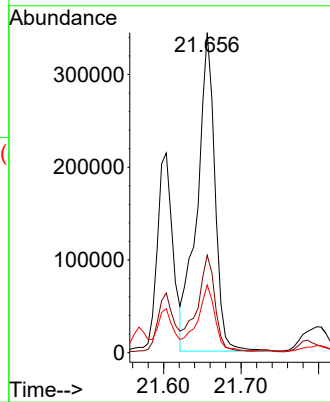
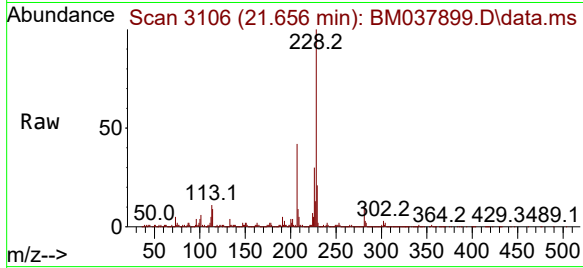
Tgt Ion:228 Resp: 549476

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 21.2 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 9.694 ng/ul

RT: 23.344 min Scan# 3393

Delta R.T. 0.000 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

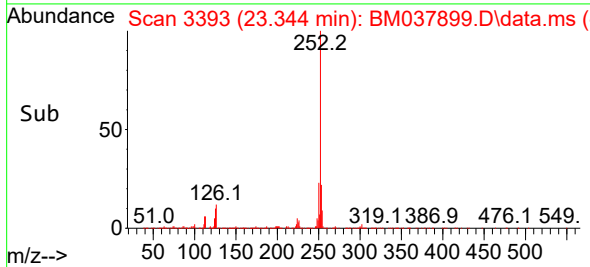
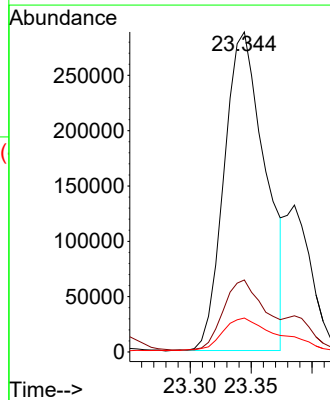
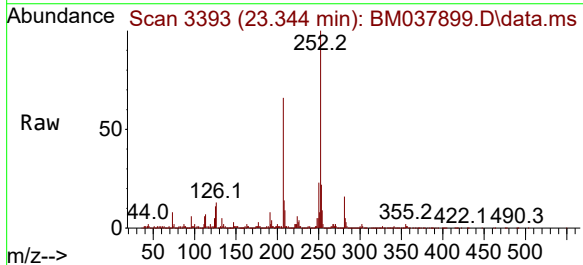
Tgt Ion:252 Resp: 679578

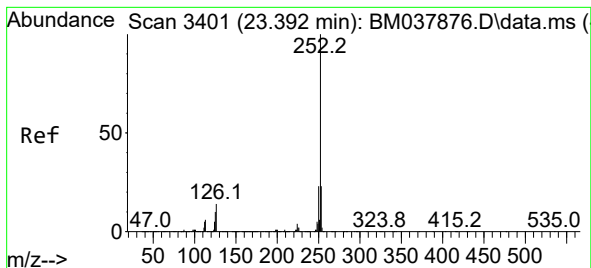
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.6 8.0 12.0





#91

Benzo(k)fluoranthene

Concen: 10.003 ng/ul

RT: 23.344 min Scan# 31

Delta R.T. -0.053 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

Instrument :

BNA_M

ClientSampleId :

DBXK7

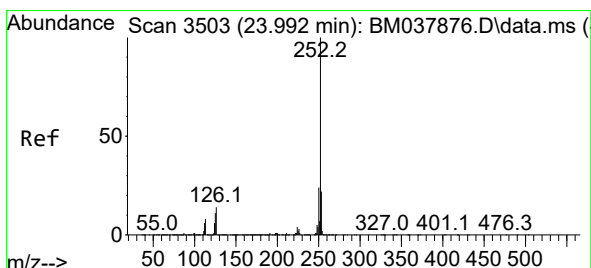
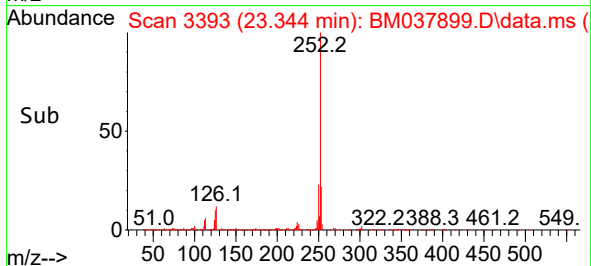
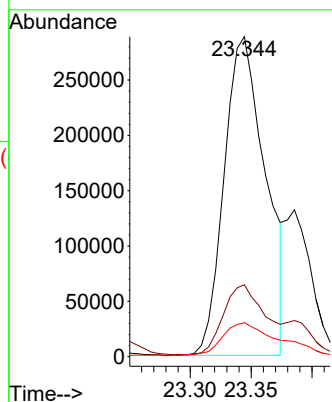
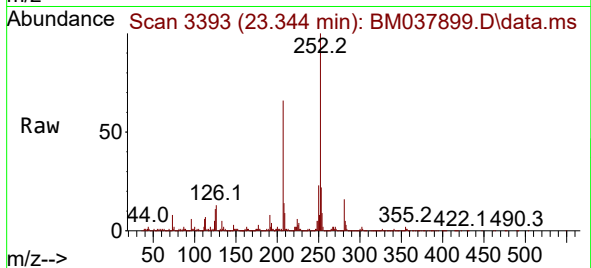
Tgt Ion:252 Resp: 679578

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 10.6 8.1 12.1



#93

Benzo(a)pyrene

Concen: 4.686 ng/ul

RT: 23.991 min Scan# 3503

Delta R.T. -0.006 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

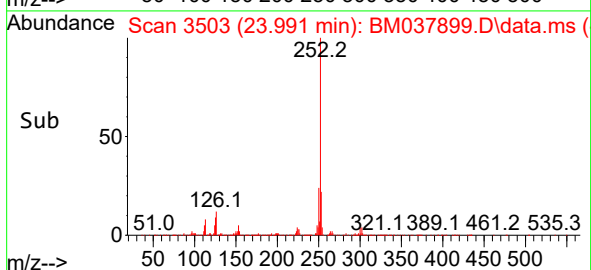
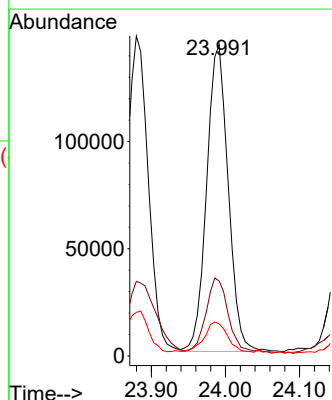
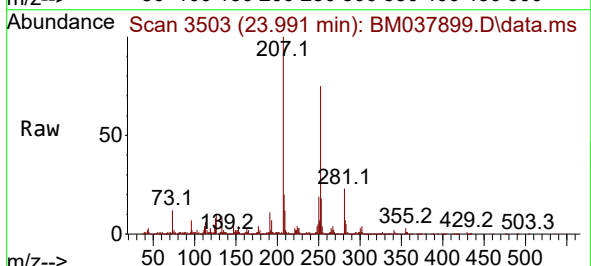
Tgt Ion:252 Resp: 288875

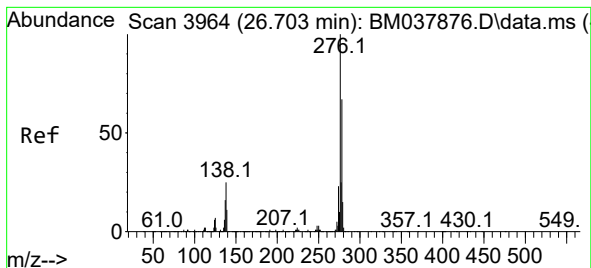
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 10.3 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.289 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.018 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

Instrument :

BNA_M

ClientSampleId :

DBXK7

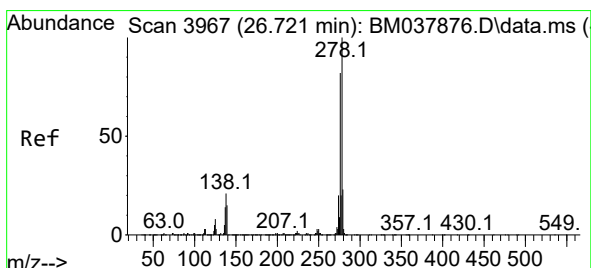
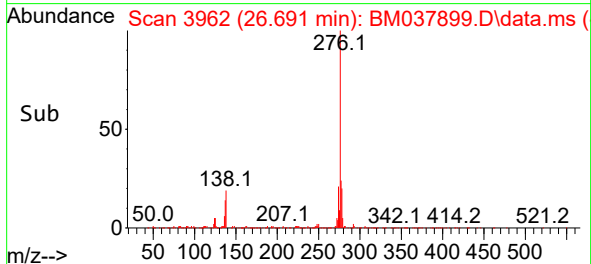
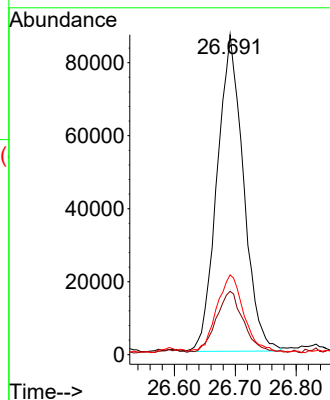
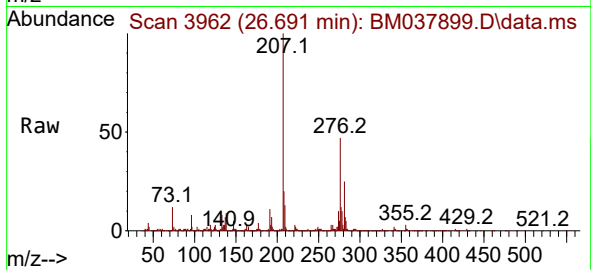
Tgt Ion:276 Resp: 261083

Ion Ratio Lower Upper

276 100

138 19.8 19.3 28.9

277 25.0 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 1.016 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.035 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

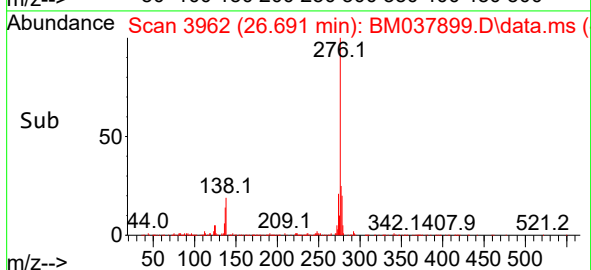
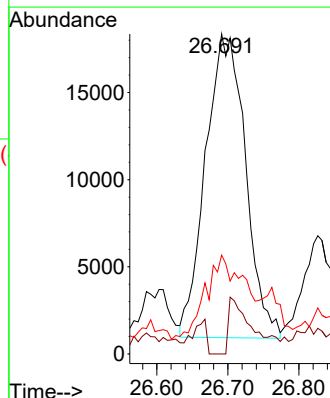
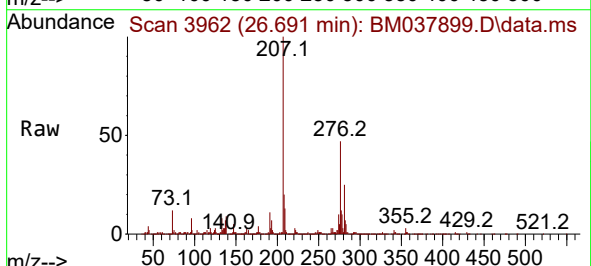
Tgt Ion:278 Resp: 68030

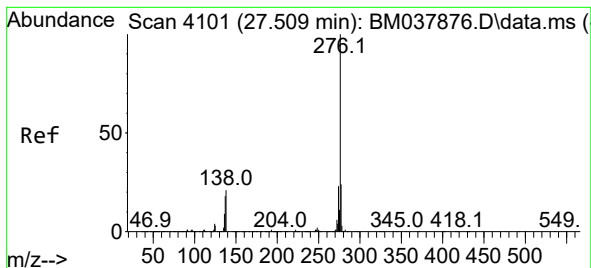
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

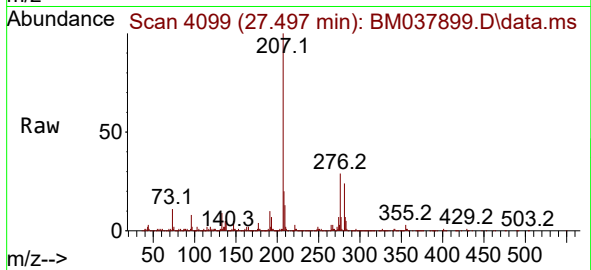
279 30.9 19.8 29.6#





#96
 Benzo(g,h,i)perylene
 Concen: 2.866 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.018 min
 Lab File: BM037899.D
 Acq: 08 Dec 2022 22:44

Instrument :
 BNA_M
 ClientSampleId :
 DBXK7



Tgt Ion:276 Resp: 181649
 Ion Ratio Lower Upper
 276 100
 138 17.8 17.1 25.7
 277 25.8 18.2 27.4

