

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
 Data File : BM042099.D
 Acq On : 28 Sep 2023 00:25
 Operator : MA/JU
 Sample : PB155794BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS794

Quant Time: Sep 28 01:04:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

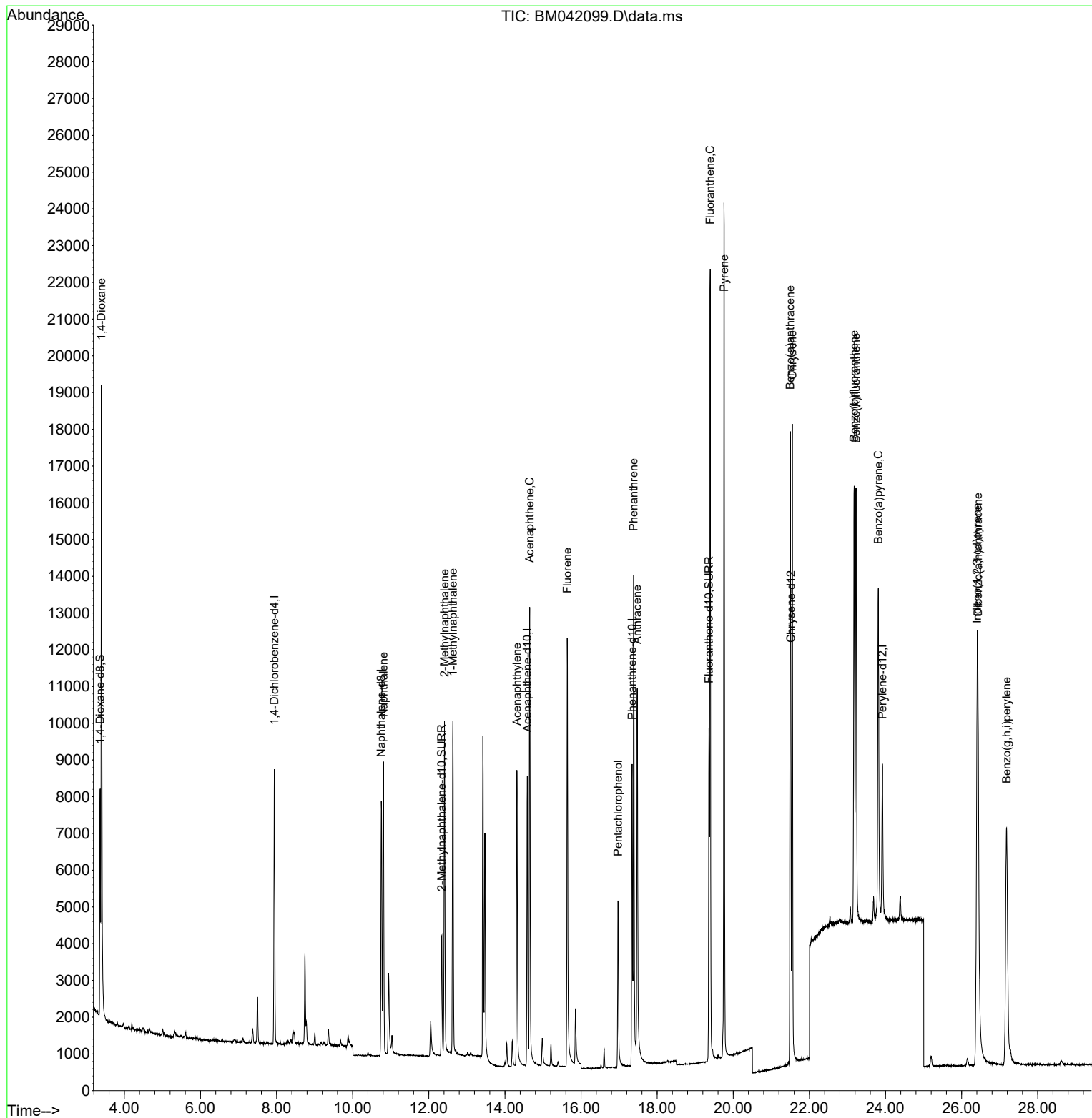
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3826	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	9380	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.588	164	4248	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	9315	0.400	ng/ul	-0.01
17) Chrysene-d12	21.513	240	5260	0.400	ng/ul	-0.01
23) Perylene-d12	23.918	264	5882	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3817	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	4515	0.384	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	7707	0.356	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	11342	2.068	ng/ul#	86
5) Naphthalene	10.807	128	11151	0.355	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	6712	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	6501	0.342	ng/ul	99
10) Acenaphthylene	14.315	152	10508	0.369	ng/ul	99
11) Acenaphthene	14.652	153	7761	0.356	ng/ul	99
12) Fluorene	15.638	166	8729	0.355	ng/ul	98
14) Pentachlorophenol	16.970	266	3372	0.684	ng/ul	100
15) Phenanthrene	17.384	178	14801	0.343	ng/ul	100
16) Anthracene	17.477	178	12970	0.347	ng/ul	99
19) Fluoranthene	19.394	202	18088	0.304	ng/ul	100
20) Pyrene	19.757	202	19074	0.326	ng/ul	98
21) Benzo(a)anthracene	21.495	228	14485	0.363	ng/ul	99
22) Chrysene	21.551	228	14965	0.363	ng/ul	99
24) Benzo(b)fluoranthene	23.176	252	15437	0.341	ng/ul	98
25) Benzo(k)fluoranthene	23.225	252	15732	0.357	ng/ul	99
26) Benzo(a)pyrene	23.810	252	14274	0.384	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.408	276	18135	0.355	ng/ul#	35
28) Dibenzo(a,h)anthracene	26.428	278	12992	0.352	ng/ul	99
29) Benzo(g,h,i)perylene	27.182	276	15355	0.357	ng/ul	99

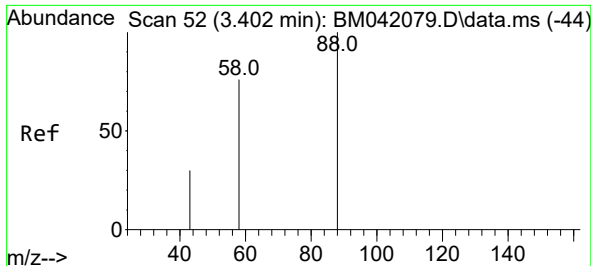
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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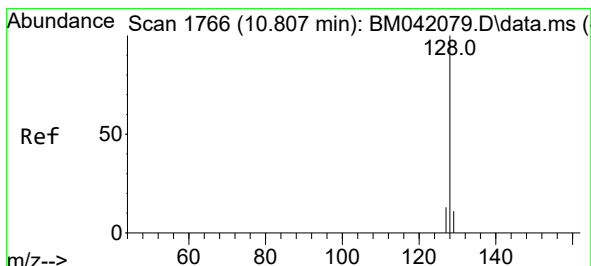
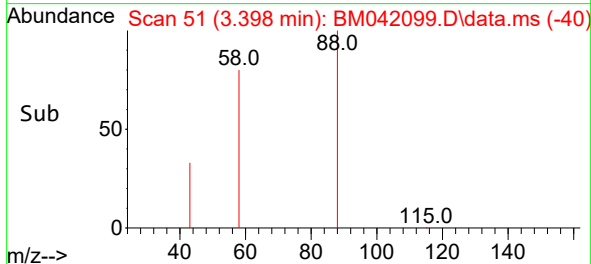
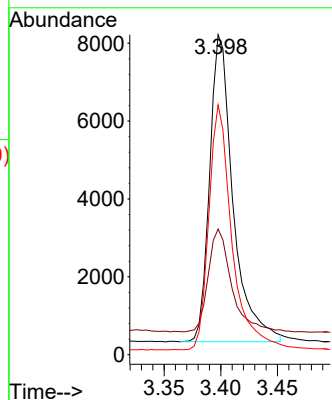
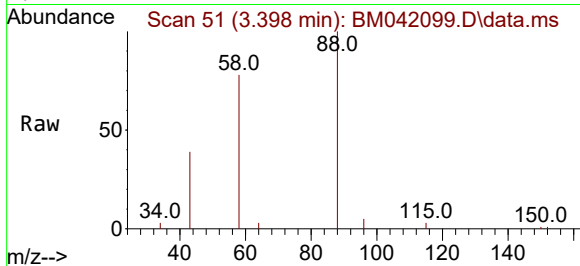




#2
1,4-Dioxane
Concen: 2.068 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

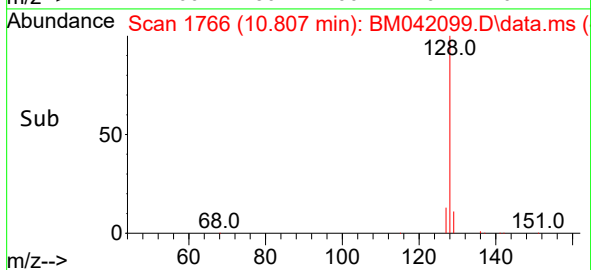
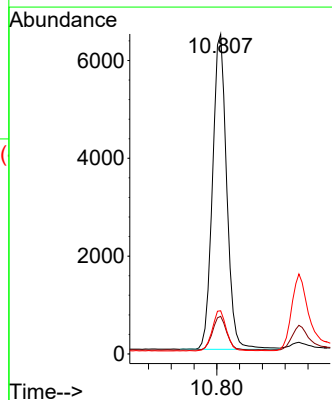
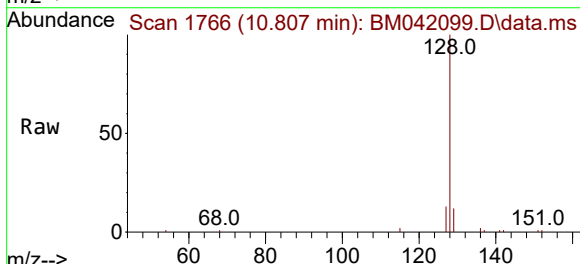
Instrument :
BNA_M
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SLCS794

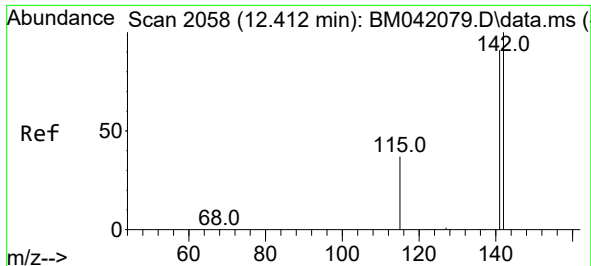
Tgt Ion: 88 Resp: 11342
Ion Ratio Lower Upper
88 100
43 39.3 42.9 64.3#
58 78.1 56.4 84.6



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion: 128 Resp: 11151
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.8 16.2

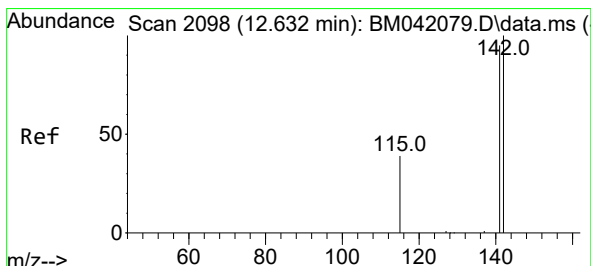
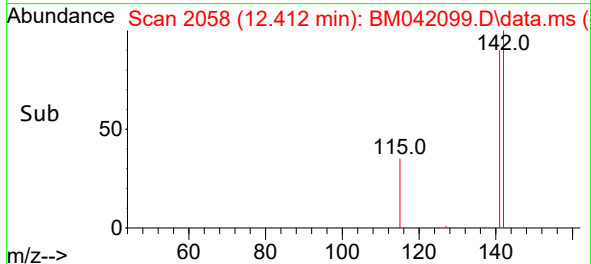
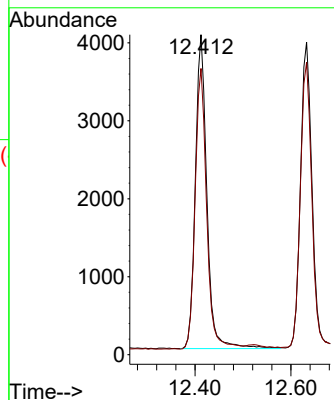
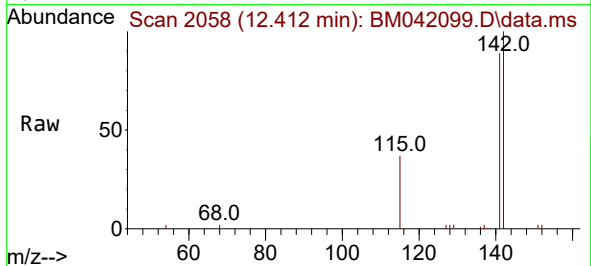




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

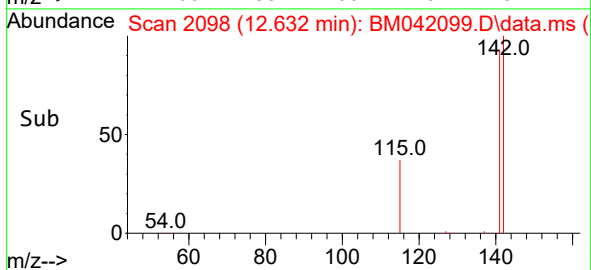
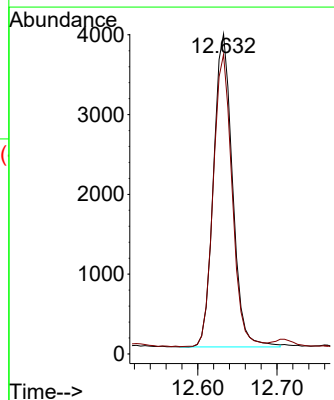
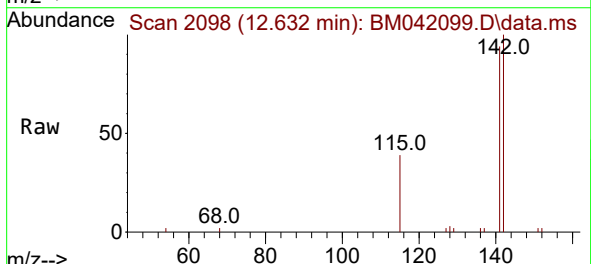
Instrument :
BNA_M
ClientSampleId :
SLCS794

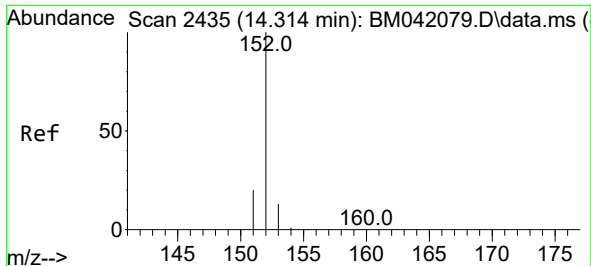
Tgt Ion:142 Resp: 6712
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion:142 Resp: 6501
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7

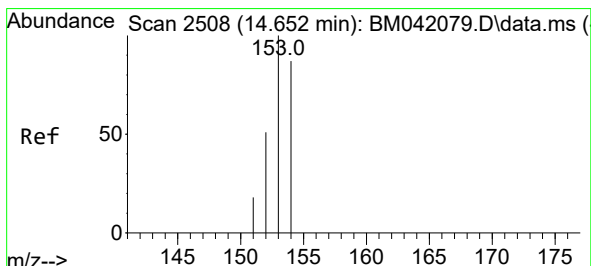
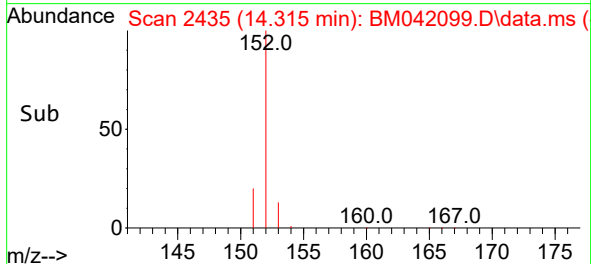
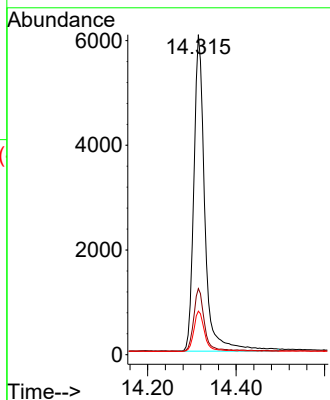
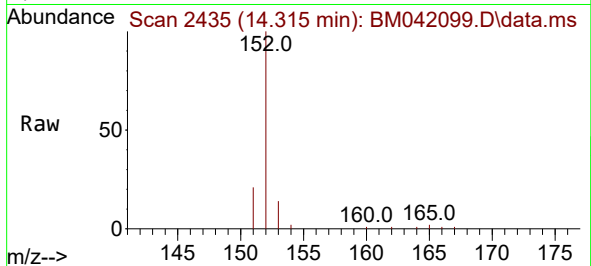




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.014 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

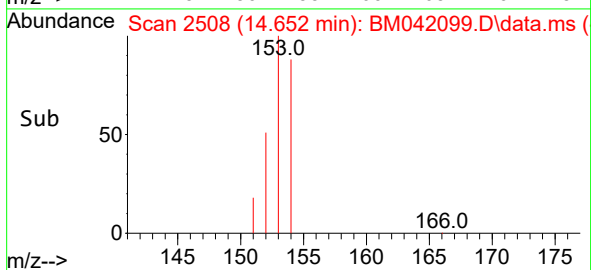
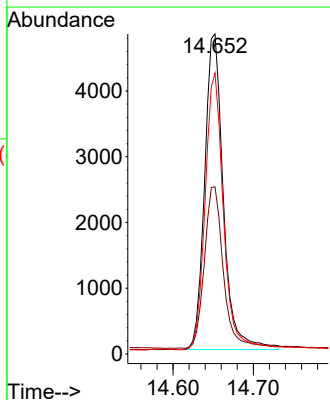
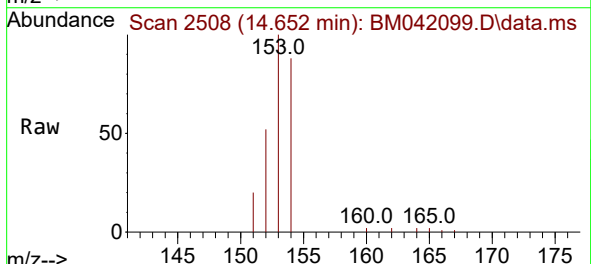
Instrument :
BNA_M
ClientSampleId :
SLCS794

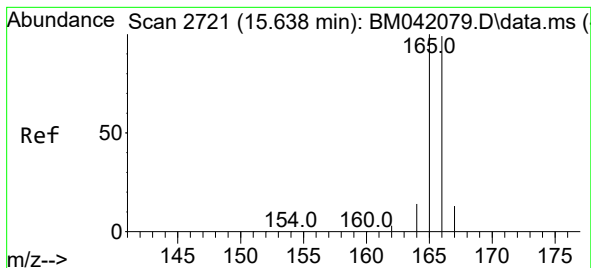
Tgt Ion:152 Resp: 10508
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion:153 Resp: 7761
Ion Ratio Lower Upper
153 100
152 52.3 41.8 62.8
154 87.7 69.0 103.6





#12

Fluorene

Concen: 0.355 ng/ul

RT: 15.638 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM042099.D

Acq: 28 Sep 2023 00:25

Instrument :

BNA_M

ClientSampleId :

SLCS794

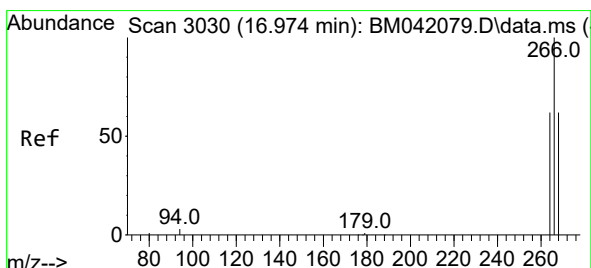
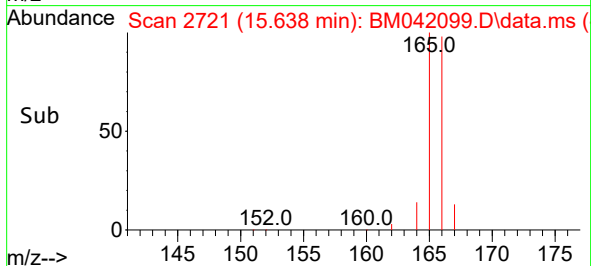
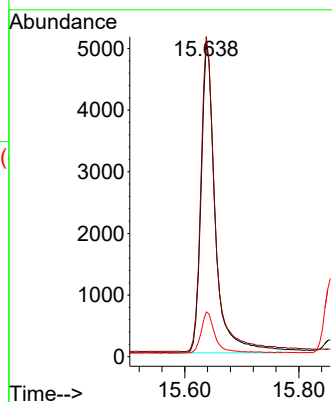
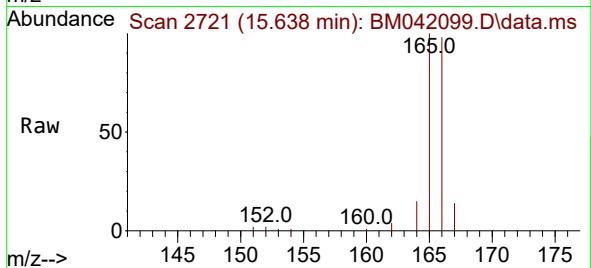
Tgt Ion:166 Resp: 8729

Ion Ratio Lower Upper

166 100

165 102.0 79.8 119.8

167 14.3 11.1 16.7



#14

Pentachlorophenol

Concen: 0.684 ng/ul

RT: 16.970 min Scan# 3029

Delta R.T. -0.012 min

Lab File: BM042099.D

Acq: 28 Sep 2023 00:25

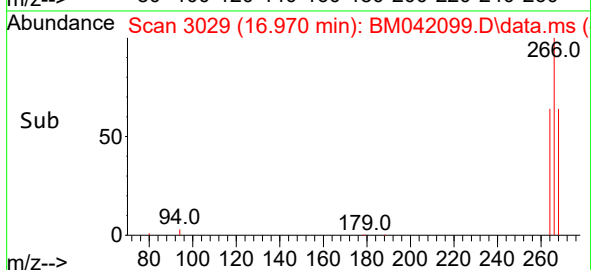
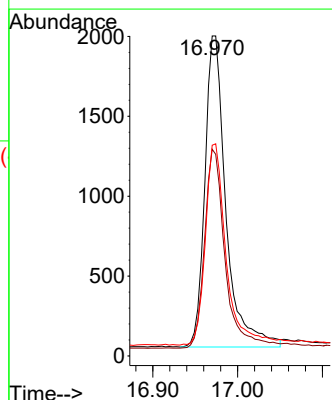
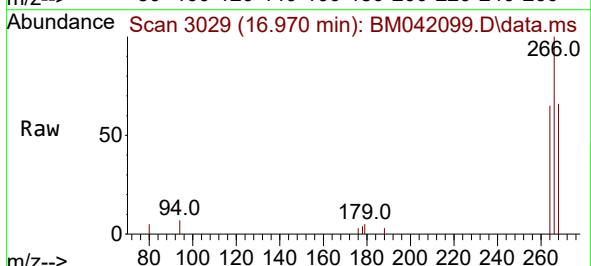
Tgt Ion:266 Resp: 3372

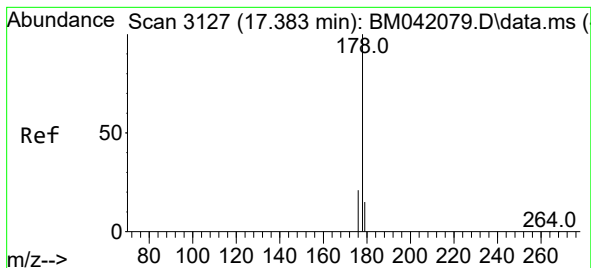
Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.4

268 64.1 51.0 76.4





#15

Phenanthrene

Concen: 0.343 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BM042099.D

Acq: 28 Sep 2023 00:25

Instrument :

BNA_M

ClientSampleId :

SLCS794

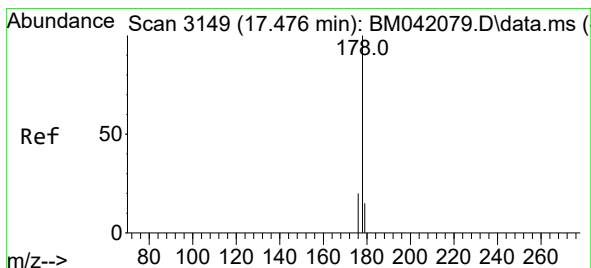
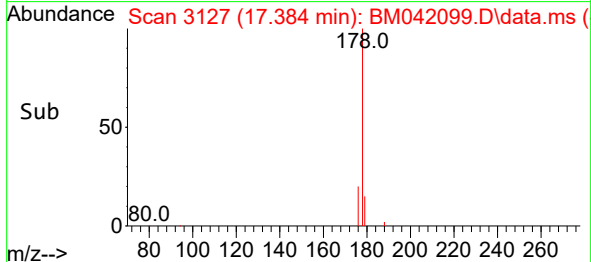
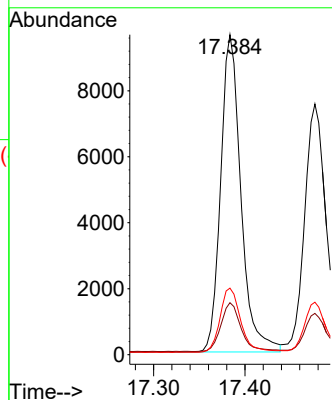
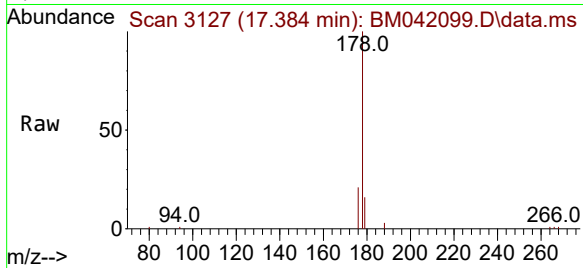
Tgt Ion:178 Resp: 14801

Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 20.8 16.6 24.8



#16

Anthracene

Concen: 0.347 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. -0.012 min

Lab File: BM042099.D

Acq: 28 Sep 2023 00:25

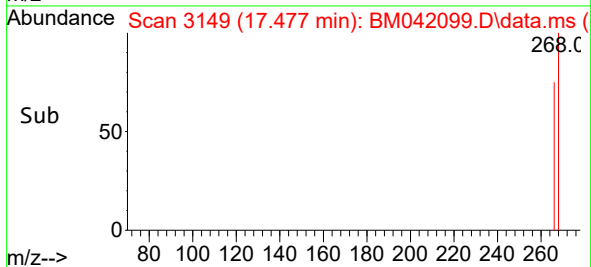
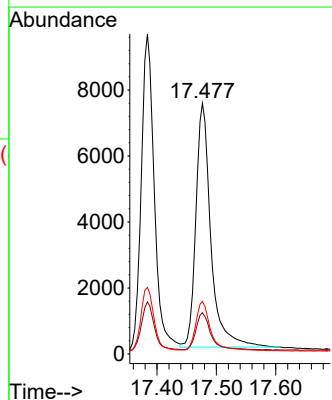
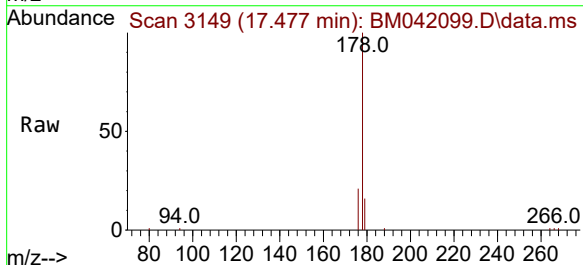
Tgt Ion:178 Resp: 12970

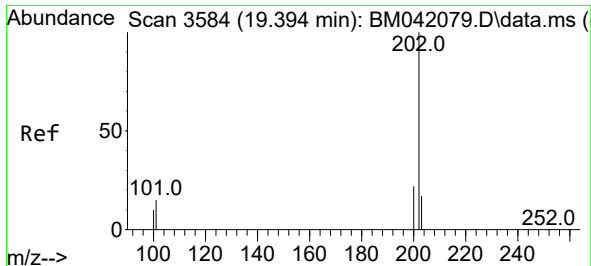
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 20.9 16.2 24.2

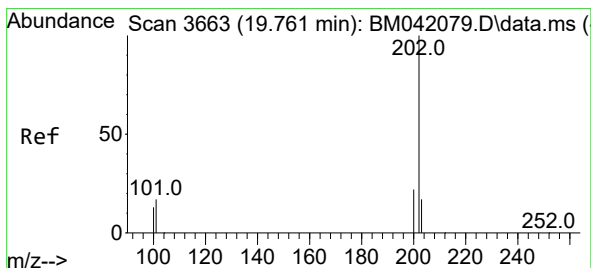
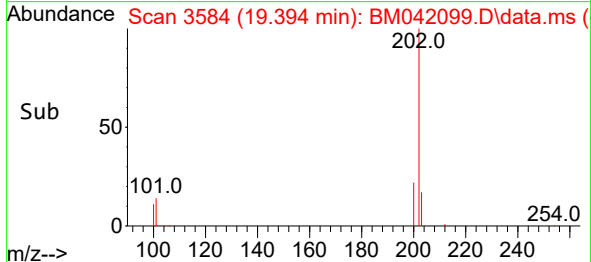
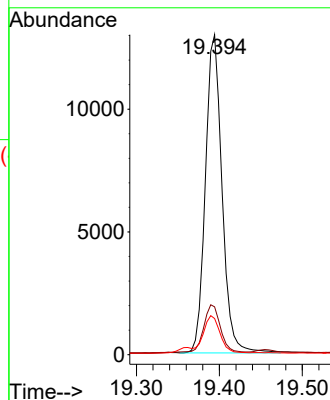
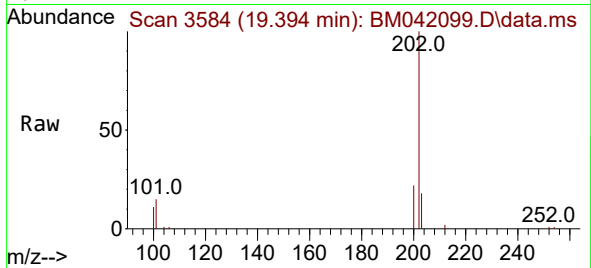




#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

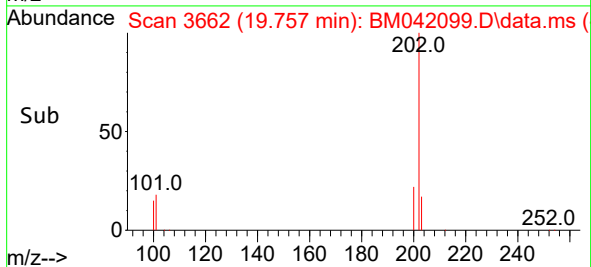
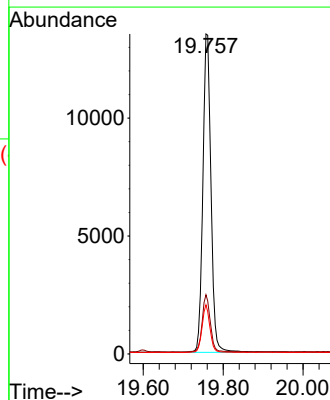
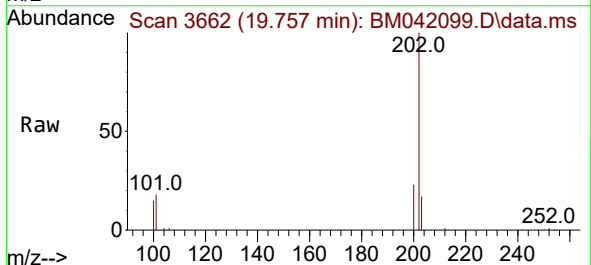
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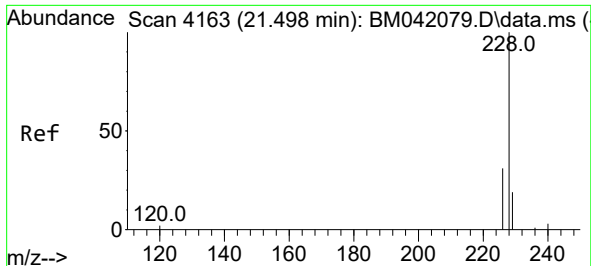
Tgt Ion:202 Resp: 18088
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 11.3 9.1 13.7



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion:202 Resp: 19074
Ion Ratio Lower Upper
202 100
101 18.5 14.1 21.1
100 15.4 11.4 17.0

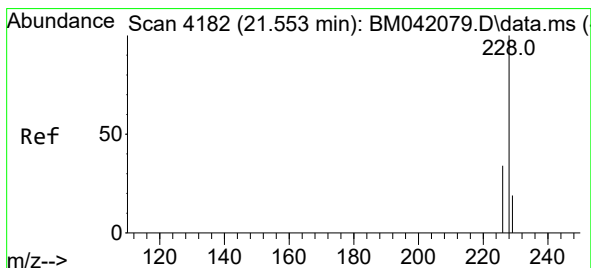
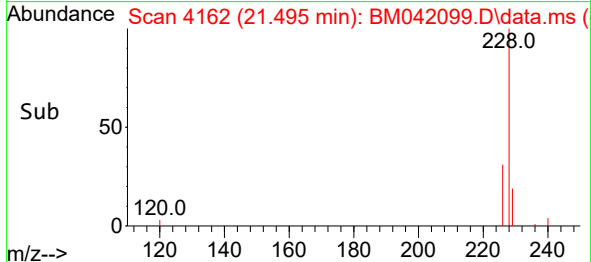
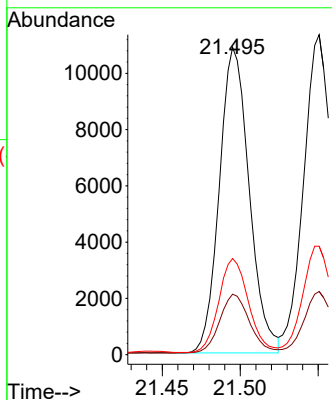
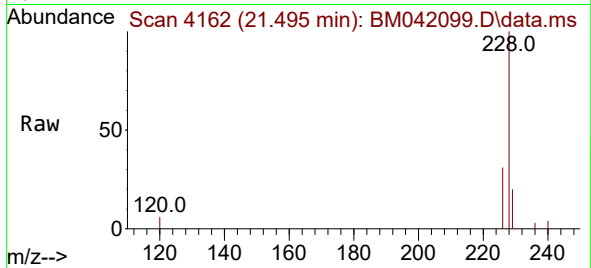




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.012 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

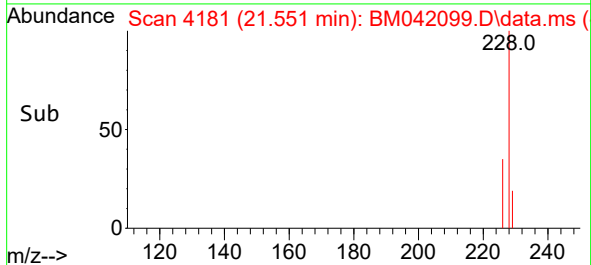
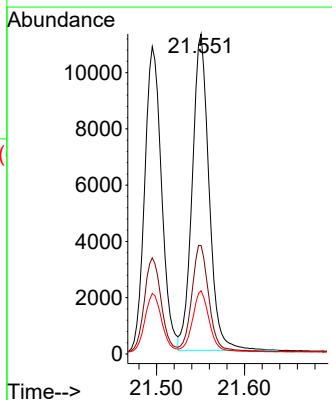
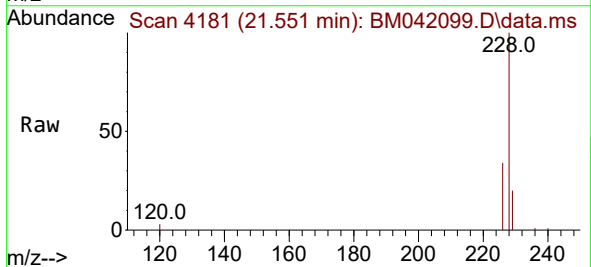
Instrument :
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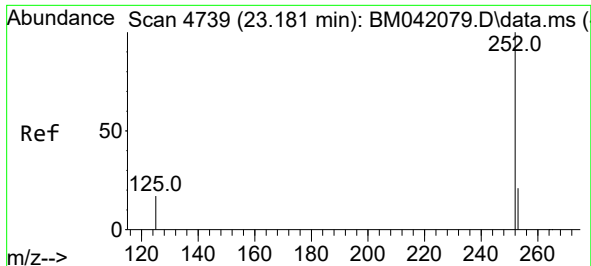
Tgt Ion:228 Resp: 14485
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 31.3 24.8 37.2



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.011 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

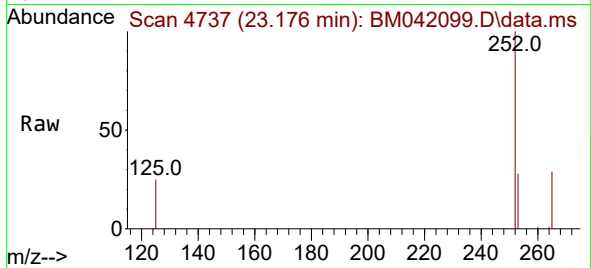
Tgt Ion:228 Resp: 14965
Ion Ratio Lower Upper
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226 33.9 27.8 41.6
229 19.7 15.6 23.4



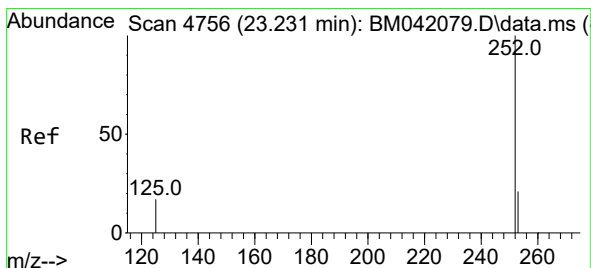
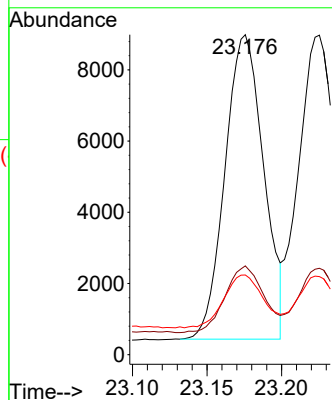


#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.176 min Scan# 41
Delta R.T. -0.014 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Instrument :
BNA_M
ClientSampleId :
SLCS794

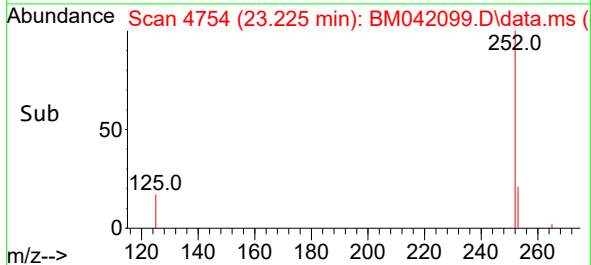
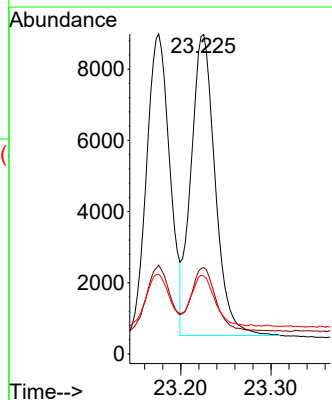
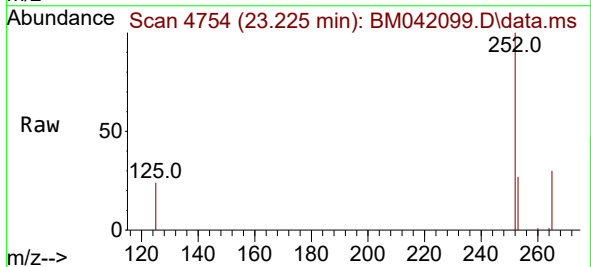


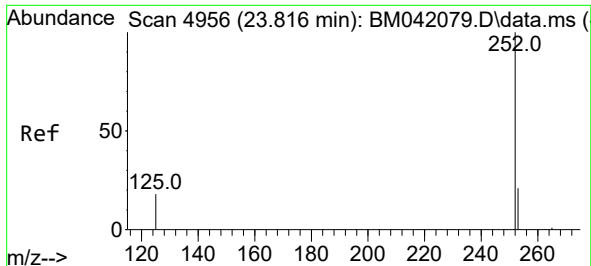
Tgt Ion:252 Resp: 15437
Ion Ratio Lower Upper
252 100
253 27.7 0.0 54.4
125 24.9 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. -0.014 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion:252 Resp: 15732
Ion Ratio Lower Upper
252 100
253 27.0 21.0 31.6
125 24.4 19.0 28.6

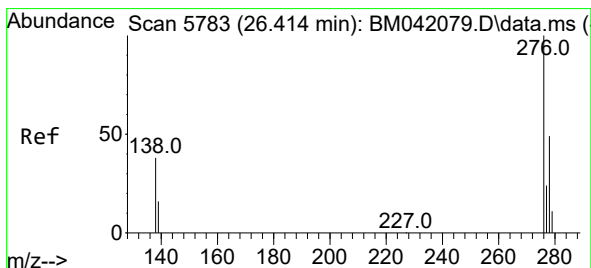
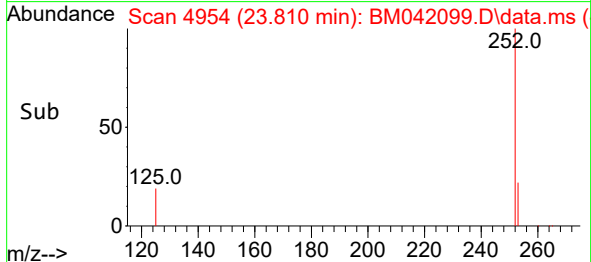
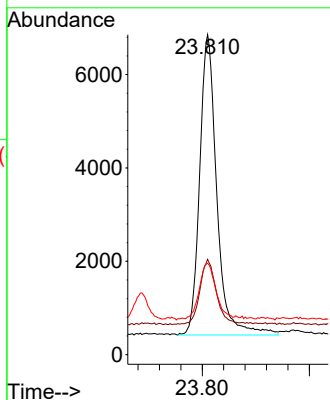
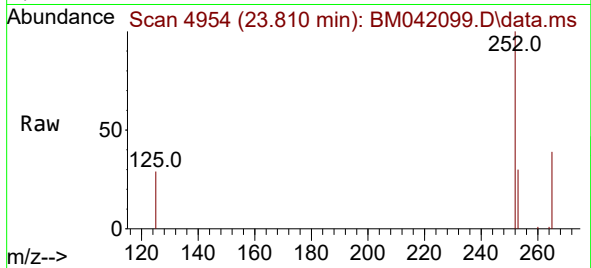




#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.810 min Scan# 4956
Delta R.T. -0.017 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

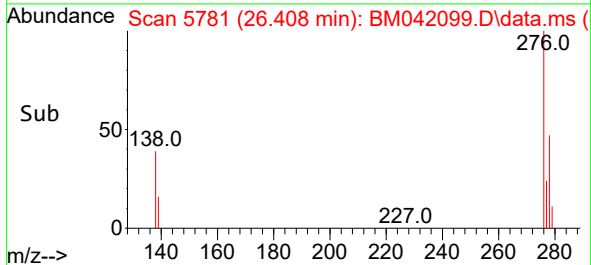
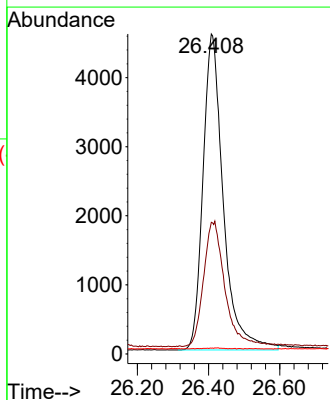
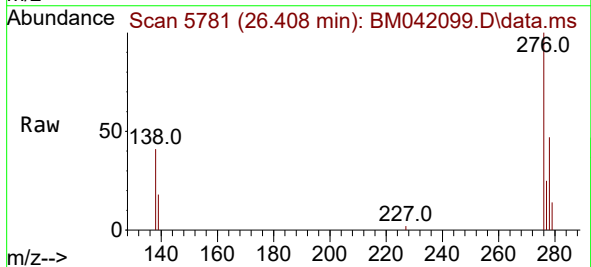
Instrument :
BNA_M
ClientSampleId :
SLCS794

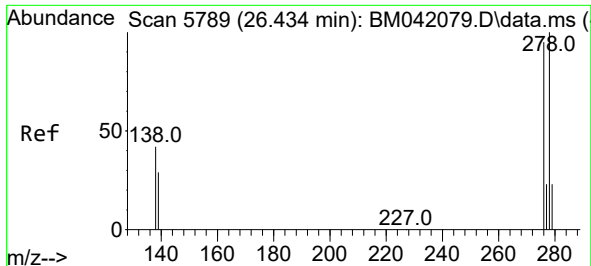
Tgt Ion:252 Resp: 14274
Ion Ratio Lower Upper
252 100
253 29.8 23.2 34.8
125 28.5 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.408 min Scan# 5781
Delta R.T. -0.023 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion:276 Resp: 18135
Ion Ratio Lower Upper
276 100
138 0.0 32.1 48.1#
227 0.0 0.2 0.2#

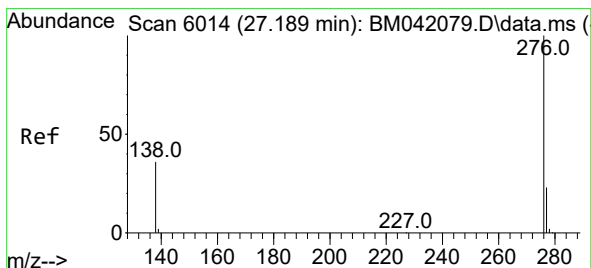
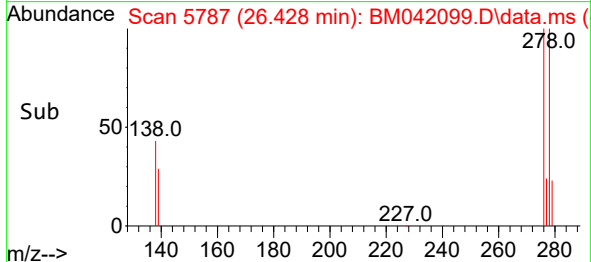
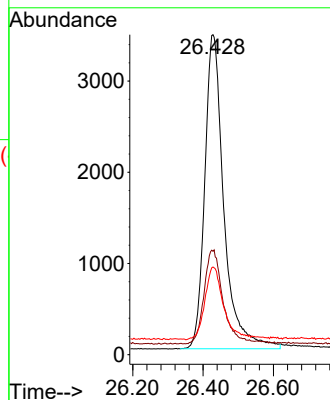
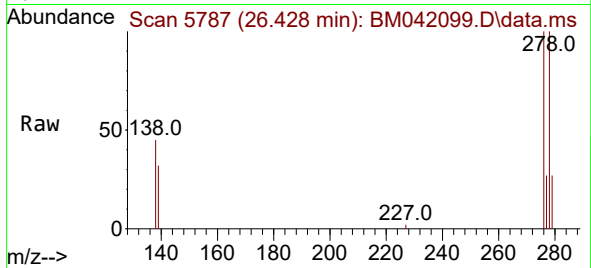




#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.428 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Instrument :
BNA_M
ClientSampleId :
SLCS794

Tgt Ion:278 Resp: 12992
Ion Ratio Lower Upper
278 100
139 32.3 25.0 37.6
279 27.4 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.182 min Scan# 6012
Delta R.T. -0.027 min
Lab File: BM042099.D
Acq: 28 Sep 2023 00:25

Tgt Ion:276 Resp: 15355
Ion Ratio Lower Upper
276 100
138 36.9 29.0 43.4
277 24.9 19.6 29.4

