

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
 Data File : BM042101.D
 Acq On : 28 Sep 2023 01:37
 Operator : MA/JU
 Sample : PB155605BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS605

Quant Time: Sep 28 02:07:25 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)

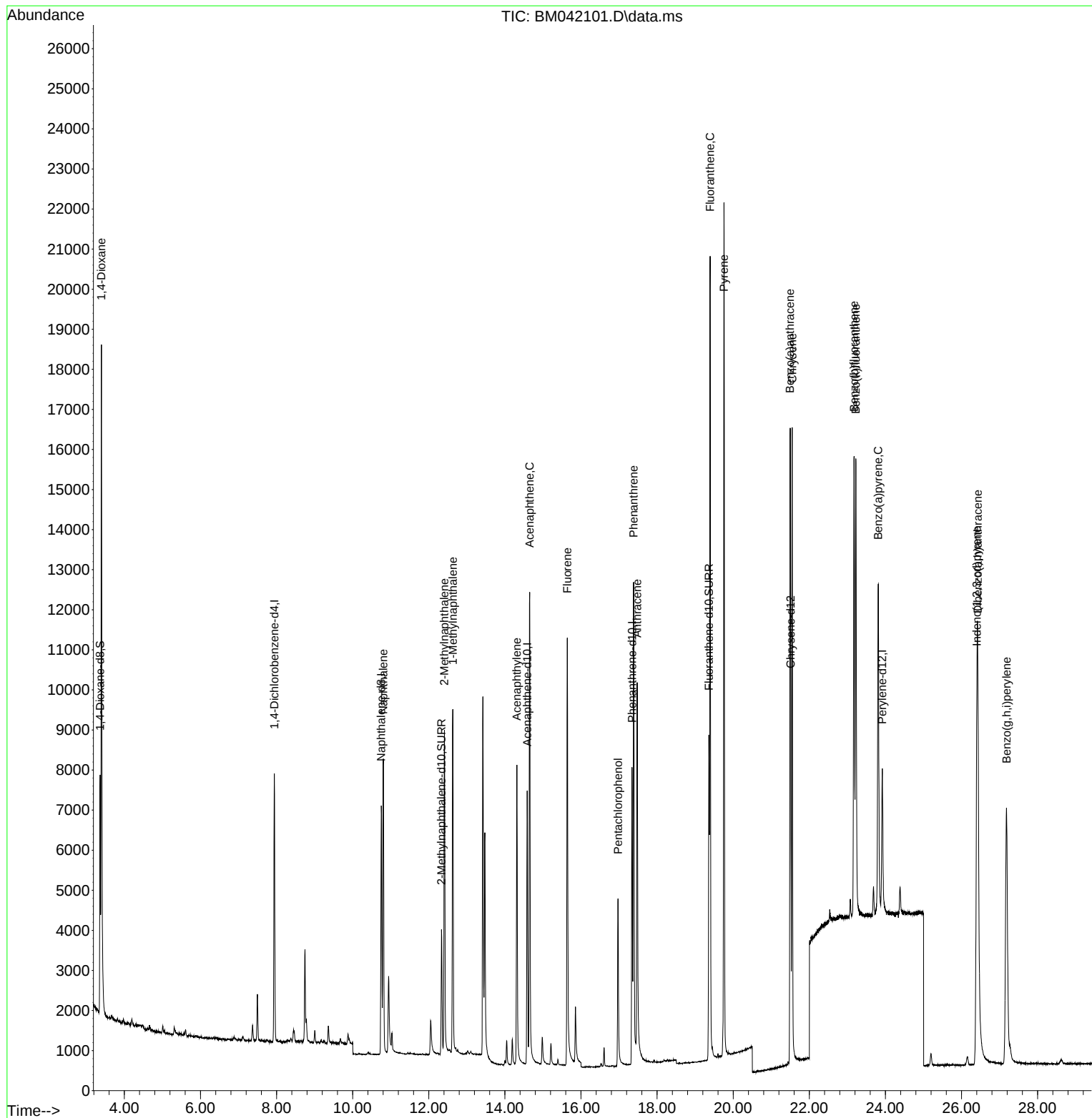
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3505	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	8501	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.588	164	3752	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	8148	0.400	ng/ul	-0.01
17) Chrysene-d12	21.513	240	4379	0.400	ng/ul	-0.01
23) Perylene-d12	23.918	264	5163	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3692	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4304	0.404	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	6923	0.384	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	10999	2.189	ng/ul#	86
5) Naphthalene	10.807	128	10508	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	6333	0.373	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	6143	0.356	ng/ul	100
10) Acenaphthylene	14.315	152	9799	0.390	ng/ul	99
11) Acenaphthene	14.652	153	7294	0.379	ng/ul	98
12) Fluorene	15.642	166	8268	0.381	ng/ul	99
14) Pentachlorophenol	16.974	266	3140	0.729	ng/ul	99
15) Phenanthrene	17.384	178	13912	0.368	ng/ul	100
16) Anthracene	17.477	178	11981	0.367	ng/ul	99
19) Fluoranthene	19.394	202	16735	0.338	ng/ul	100
20) Pyrene	19.757	202	17560	0.361	ng/ul	97
21) Benzo(a)anthracene	21.495	228	13172	0.397	ng/ul	99
22) Chrysene	21.551	228	13758	0.401	ng/ul	99
24) Benzo(b)fluoranthene	23.176	252	14952	0.376	ng/ul	98
25) Benzo(k)fluoranthene	23.222	252	14891	0.385	ng/ul	98
26) Benzo(a)pyrene	23.810	252	13557	0.415	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.401	276	17584	0.392	ng/ul	97
28) Dibenzo(a,h)anthracene	26.428	278	12708	0.392	ng/ul	98
29) Benzo(g,h,i)perylene	27.182	276	15091	0.400	ng/ul	98

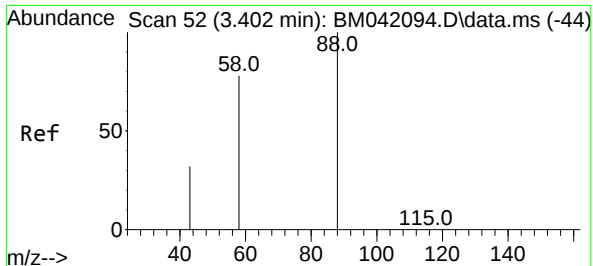
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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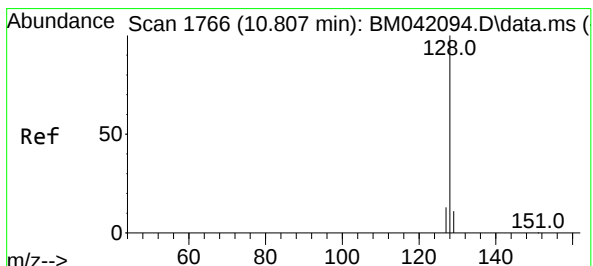
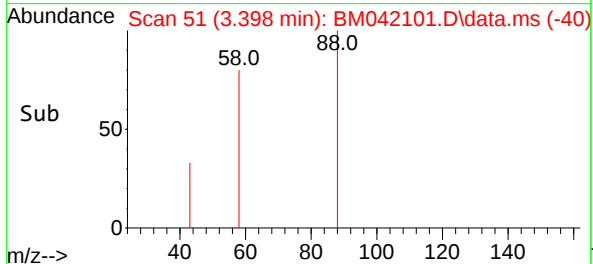
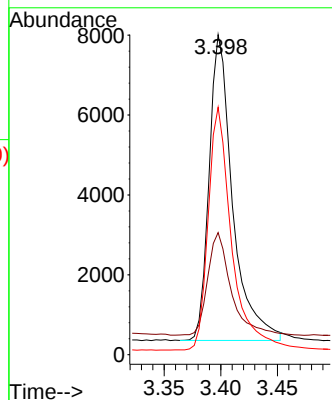
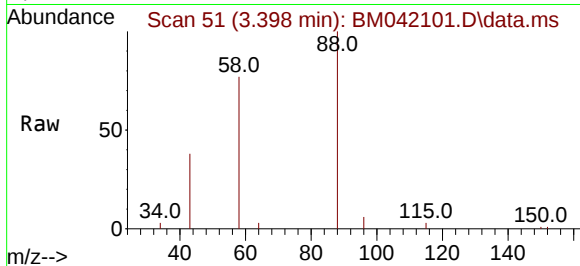




#2
1,4-Dioxane
Concen: 2.189 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

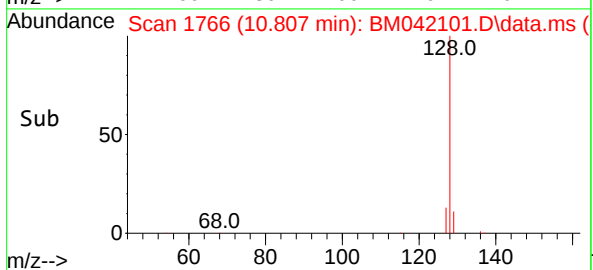
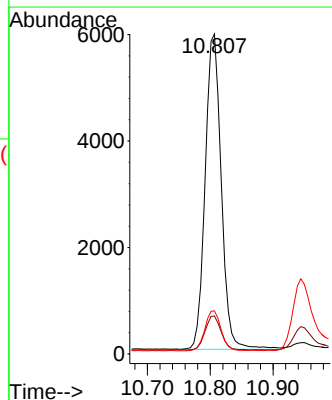
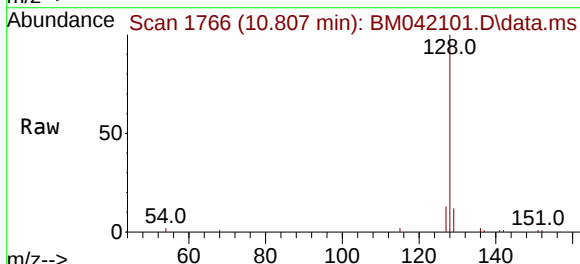
Instrument :
BNA_M
ClientSampleId :
SLCS605

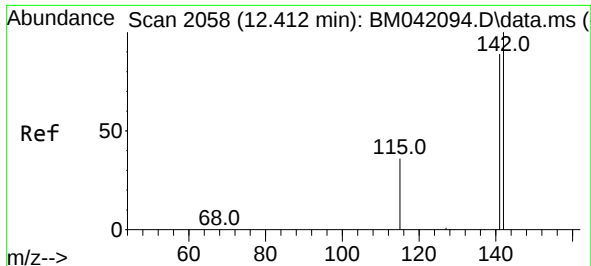
Tgt Ion: 88 Resp: 10999
Ion Ratio Lower Upper
88 100
43 38.2 42.9 64.3#
58 77.3 56.4 84.6



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion: 128 Resp: 10508
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.5 10.8 16.2

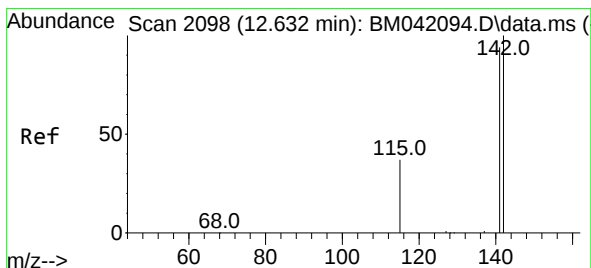
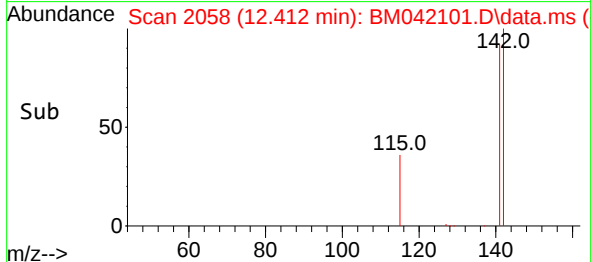
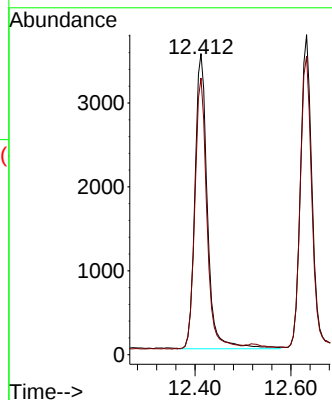
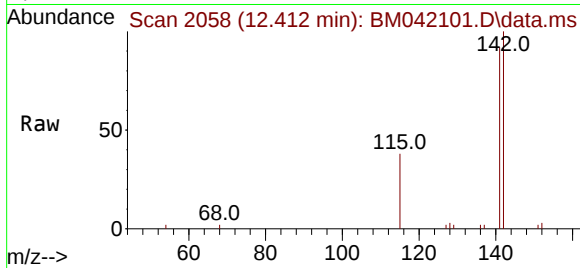




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

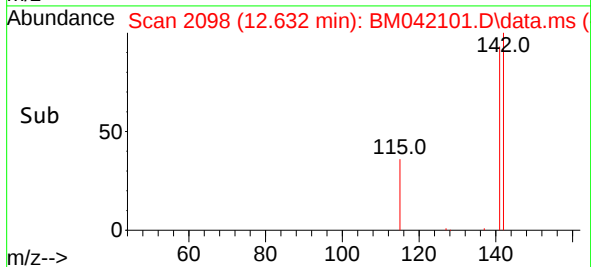
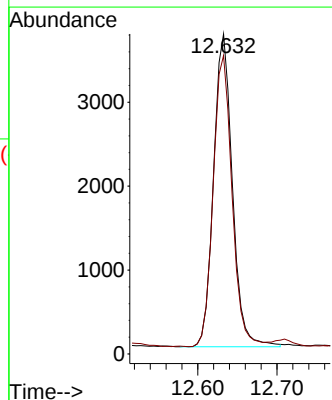
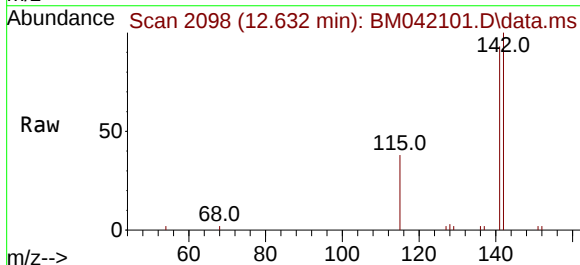
Instrument :
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ClientSampleId :
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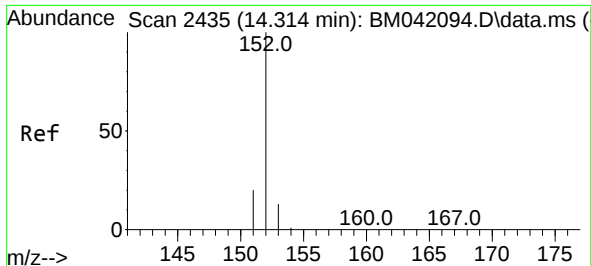
Tgt Ion:142 Resp: 6333
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion:142 Resp: 6143
Ion Ratio Lower Upper
142 100
141 93.4 75.1 112.7

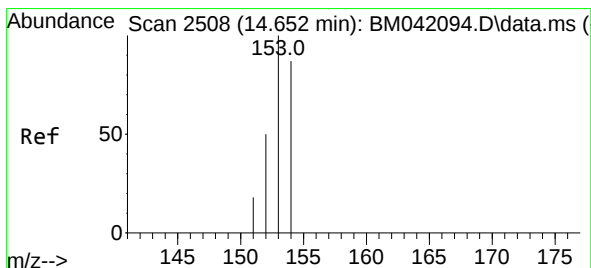
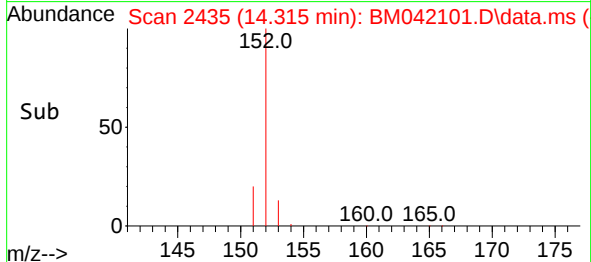
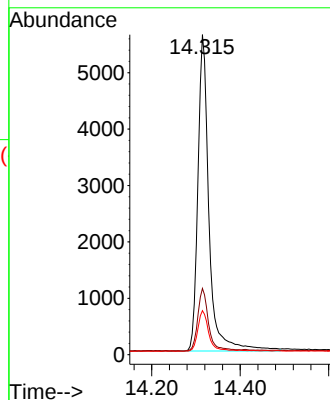
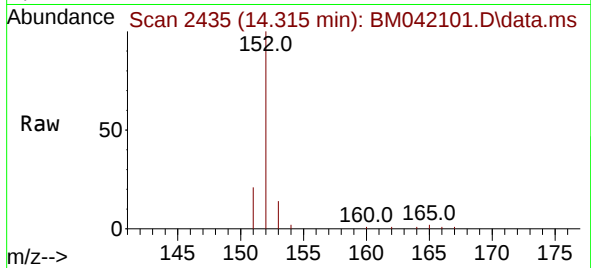




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.014 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

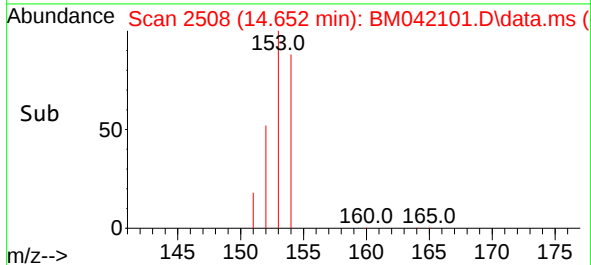
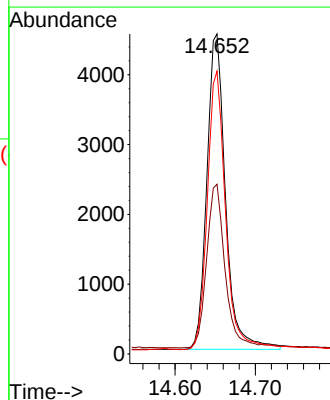
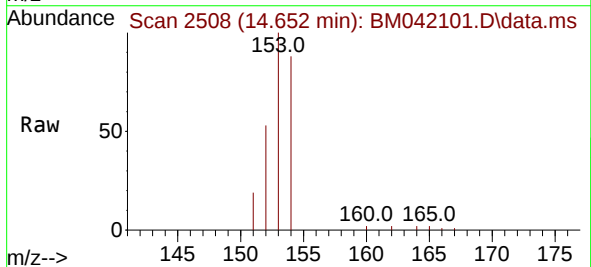
Instrument :
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ClientSampleId :
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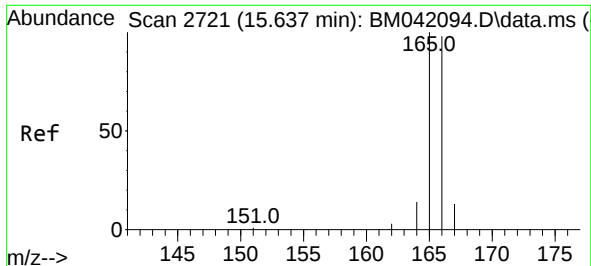
Tgt Ion:152 Resp: 9799
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion:153 Resp: 7294
Ion Ratio Lower Upper
153 100
152 53.0 41.8 62.8
154 88.4 69.0 103.6

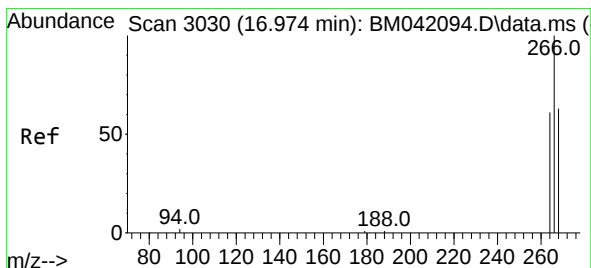
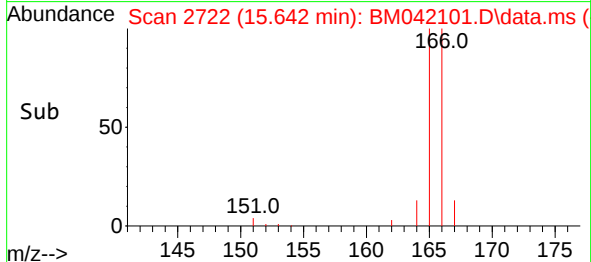
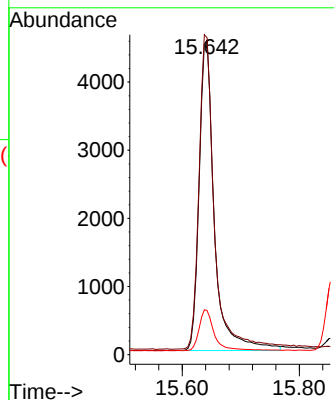
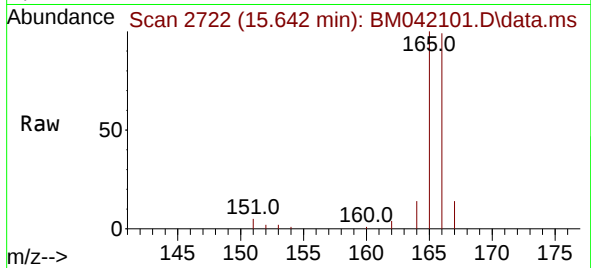




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

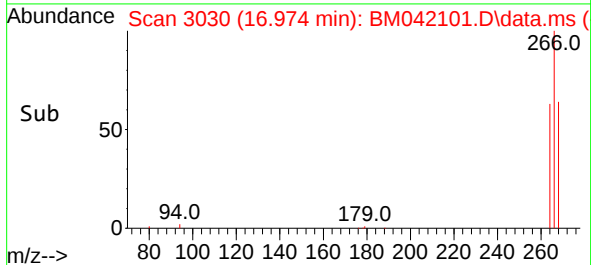
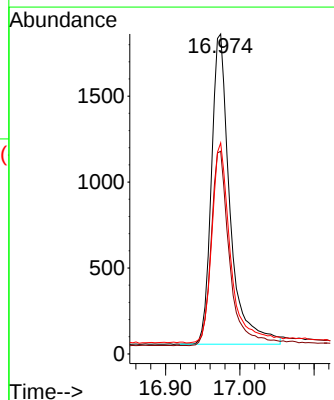
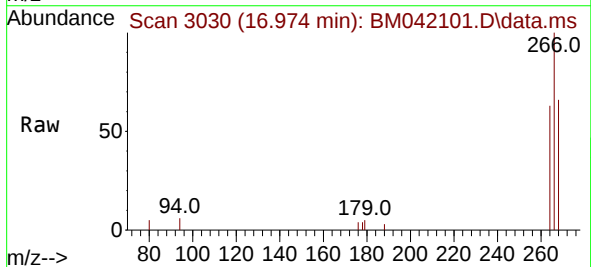
Instrument :
BNA_M
ClientSampleId :
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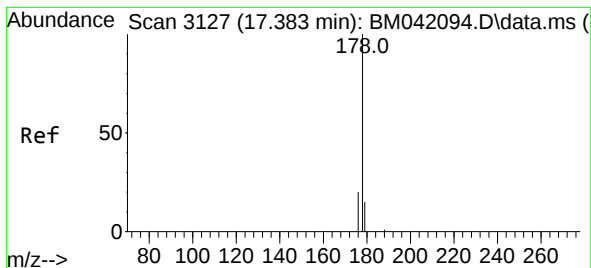
Tgt Ion:166 Resp: 8268
Ion Ratio Lower Upper
166 100
165 100.8 79.8 119.8
167 14.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.729 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.008 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion:266 Resp: 3140
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.4
268 64.9 51.0 76.4





#15

Phenanthrene

Concen: 0.368 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BM042101.D

Acq: 28 Sep 2023 01:37

Instrument :

BNA_M

ClientSampleId :

SLCS605

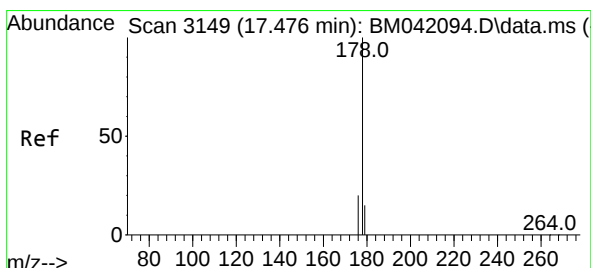
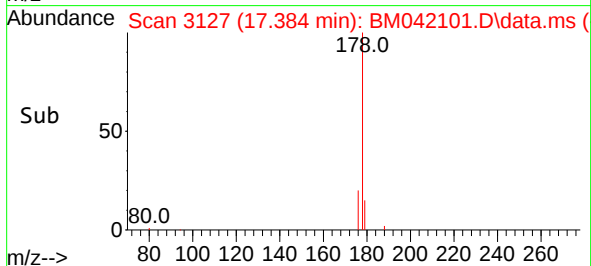
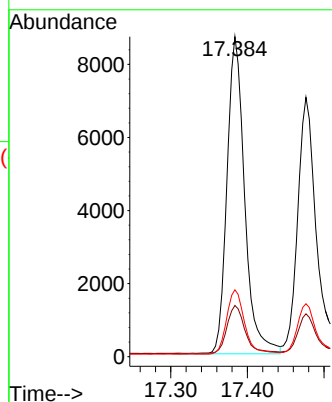
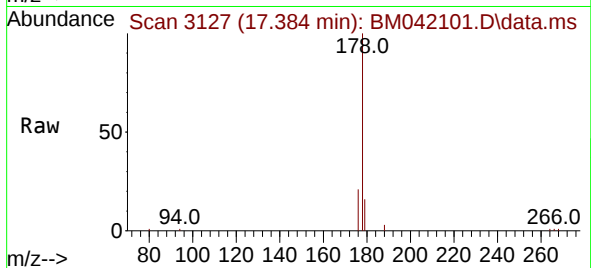
Tgt Ion:178 Resp: 13912

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.367 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. -0.012 min

Lab File: BM042101.D

Acq: 28 Sep 2023 01:37

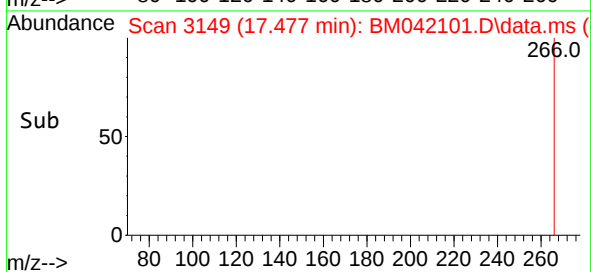
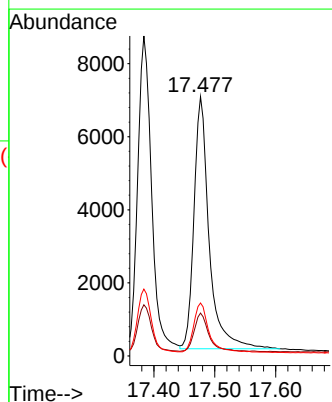
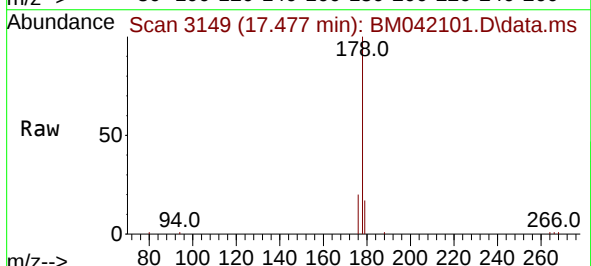
Tgt Ion:178 Resp: 11981

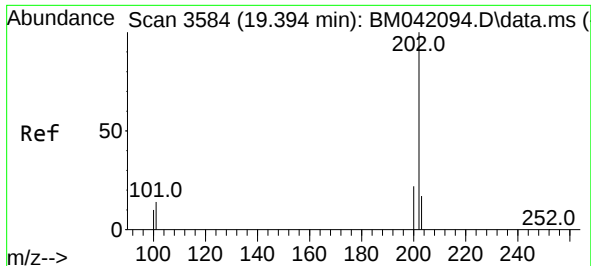
Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

176 20.4 16.2 24.2

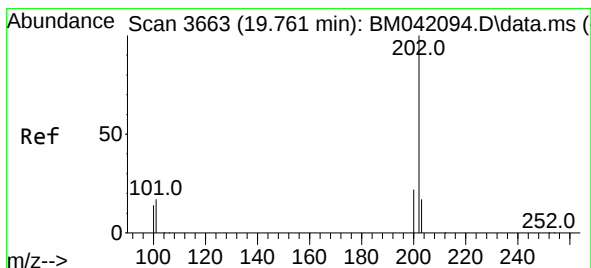
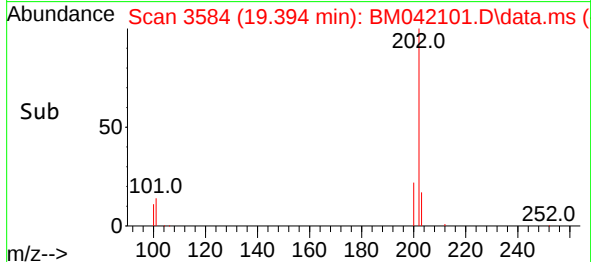
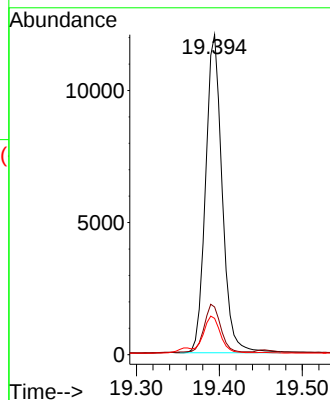
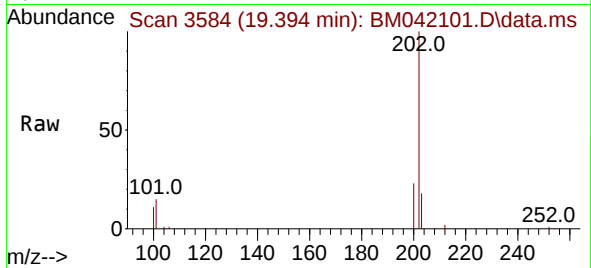




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

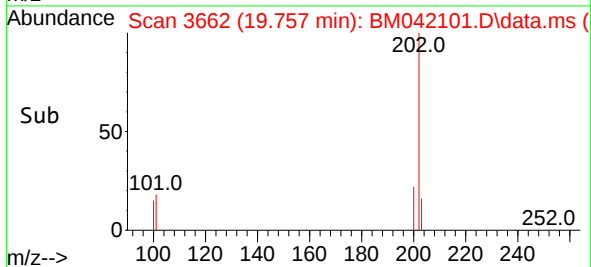
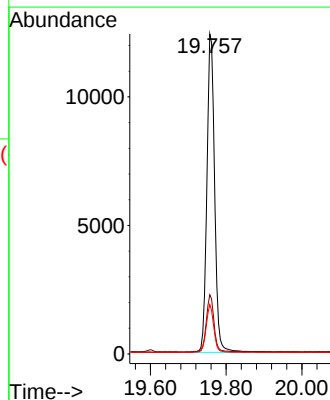
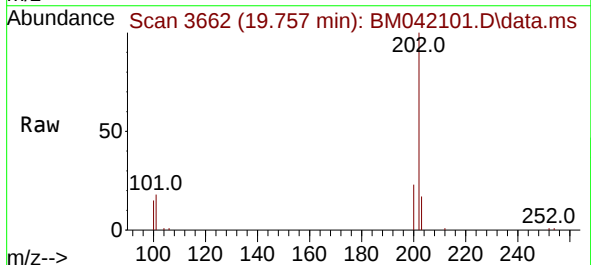
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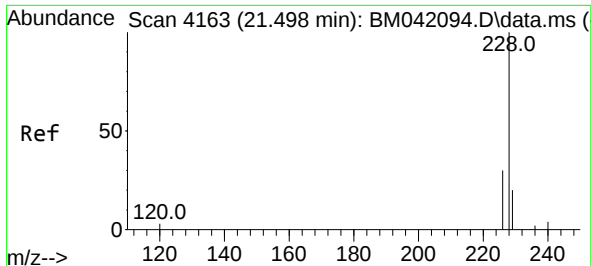
Tgt Ion:202 Resp: 16735
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.4 9.1 13.7



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

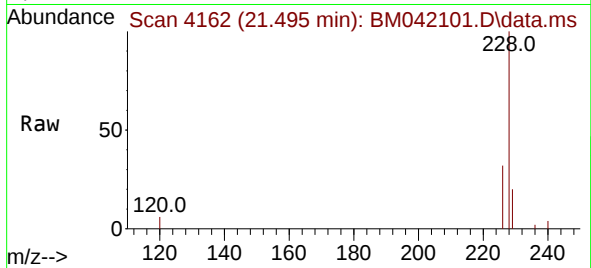
Tgt Ion:202 Resp: 17560
Ion Ratio Lower Upper
202 100
101 18.5 14.1 21.1
100 15.5 11.4 17.0



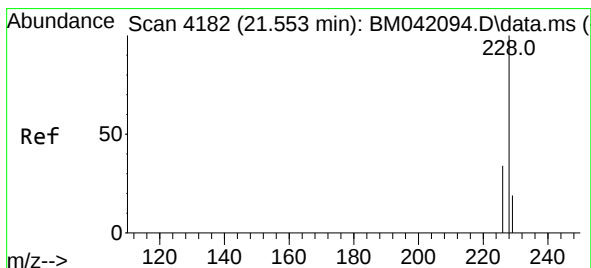
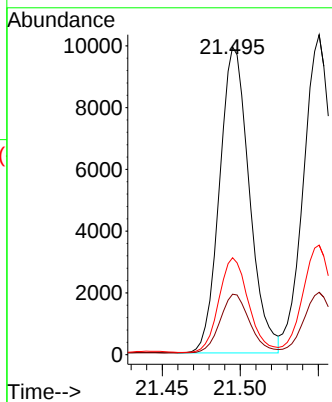
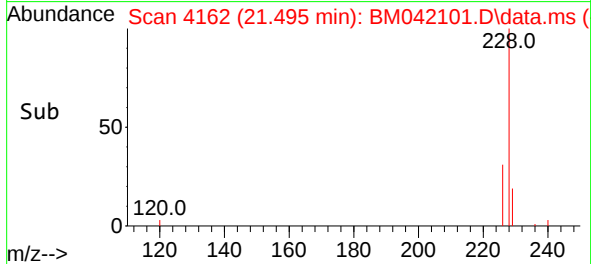


#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.012 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Instrument :
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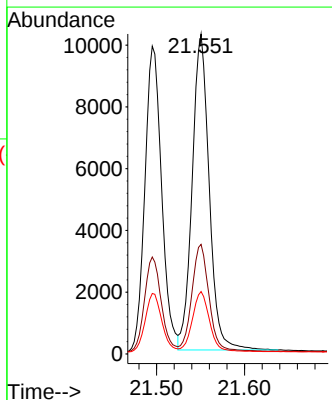
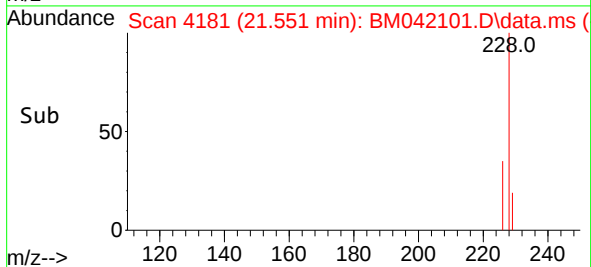
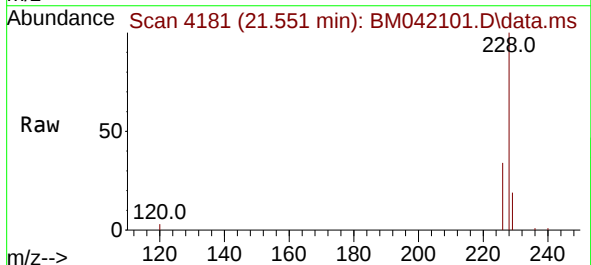


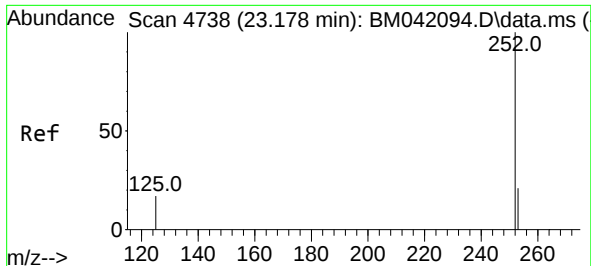
Tgt Ion:228 Resp: 13172
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 31.5 24.8 37.2



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.011 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion:228 Resp: 13758
Ion Ratio Lower Upper
228 100
226 34.2 27.8 41.6
229 19.5 15.6 23.4

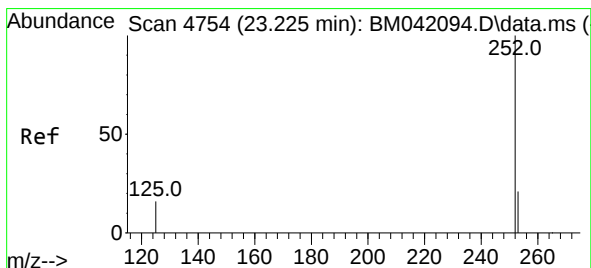
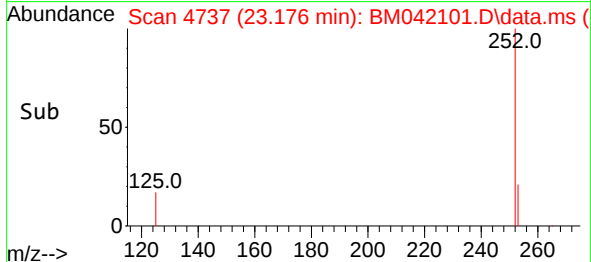
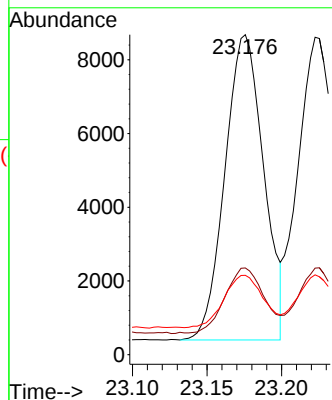
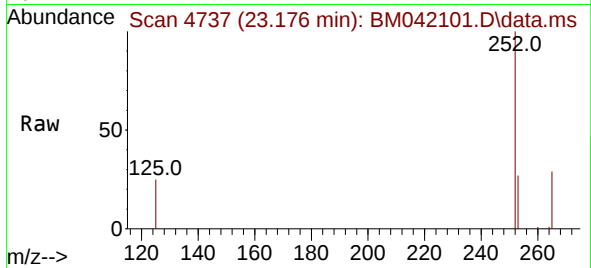




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.176 min Scan# 4738
Delta R.T. -0.014 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

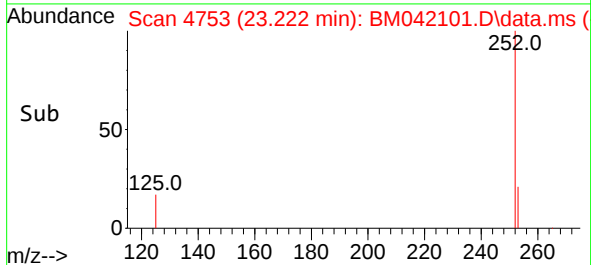
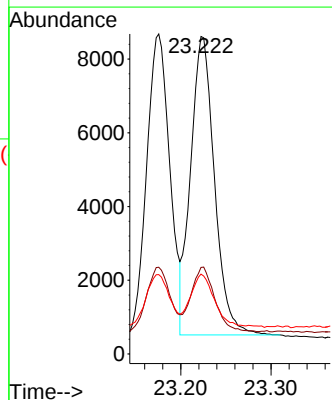
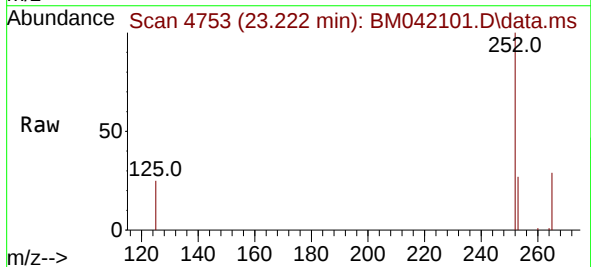
Instrument :
BNA_M
ClientSampleId :
SLCS605

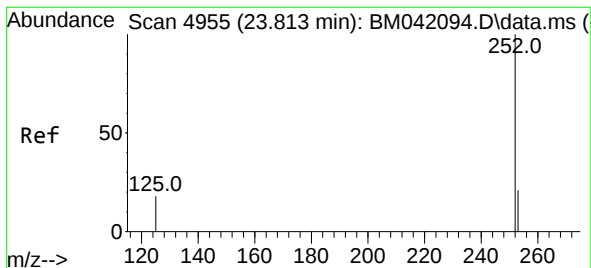
Tgt Ion:252 Resp: 14952
Ion Ratio Lower Upper
252 100
253 27.1 0.0 54.4
125 24.8 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.017 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion:252 Resp: 14891
Ion Ratio Lower Upper
252 100
253 27.3 21.0 31.6
125 25.2 19.0 28.6





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.810 min Scan# 4955

Delta R.T. -0.017 min

Lab File: BM042101.D

Acq: 28 Sep 2023 01:37

Instrument :

BNA_M

ClientSampleId :

SLCS605

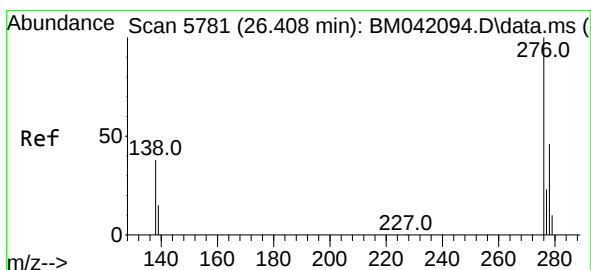
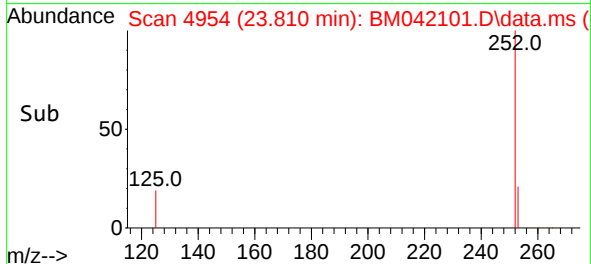
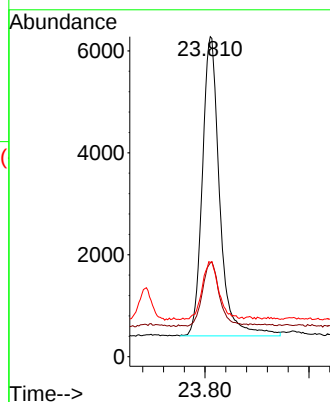
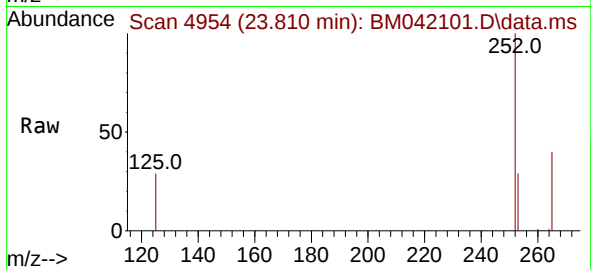
Tgt Ion:252 Resp: 13557

Ion Ratio Lower Upper

252 100

253 29.3 23.2 34.8

125 29.4 22.5 33.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 26.401 min Scan# 5779

Delta R.T. -0.030 min

Lab File: BM042101.D

Acq: 28 Sep 2023 01:37

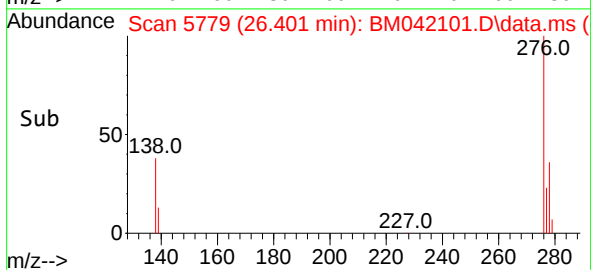
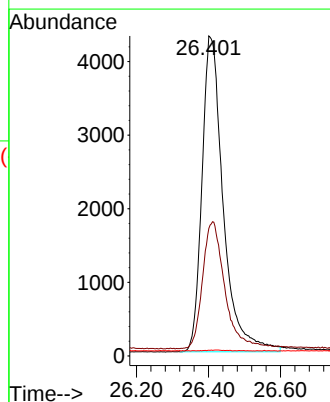
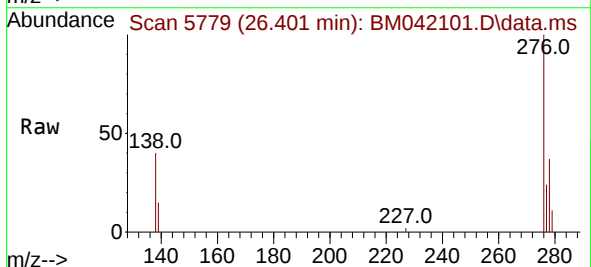
Tgt Ion:276 Resp: 17584

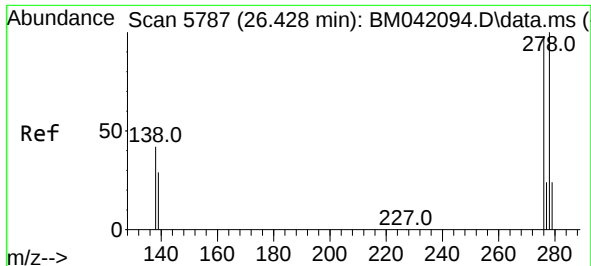
Ion Ratio Lower Upper

276 100

138 42.3 32.1 48.1

227 0.2 0.2 0.2

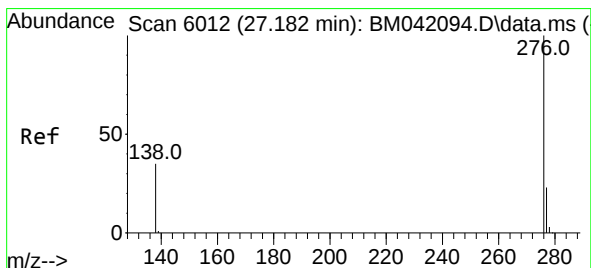
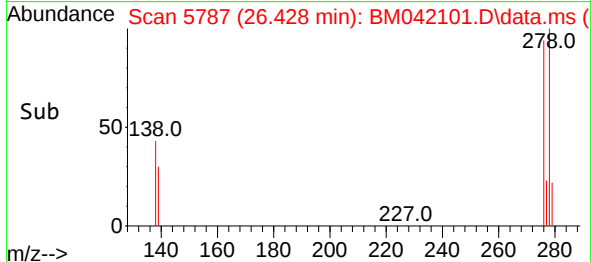
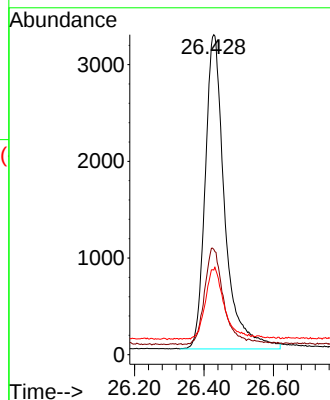
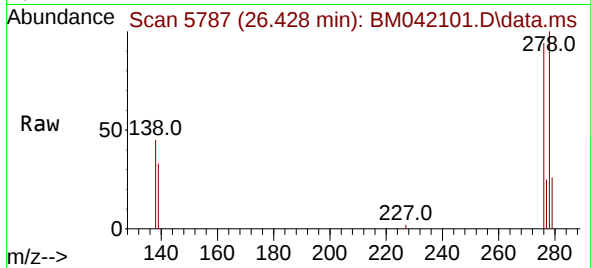




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.428 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Instrument :
BNA_M
ClientSampleId :
SLCS605

Tgt Ion:278 Resp: 12708
Ion Ratio Lower Upper
278 100
139 32.9 25.0 37.6
279 26.5 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.182 min Scan# 6012
Delta R.T. -0.027 min
Lab File: BM042101.D
Acq: 28 Sep 2023 01:37

Tgt Ion:276 Resp: 15091
Ion Ratio Lower Upper
276 100
138 37.7 29.0 43.4
277 24.4 19.6 29.4

