

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041575.D
 Acq On : 30 Aug 2023 12:05
 Operator : MA/JU
 Sample : PB155099BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS099

Quant Time: Aug 31 02:16:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

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

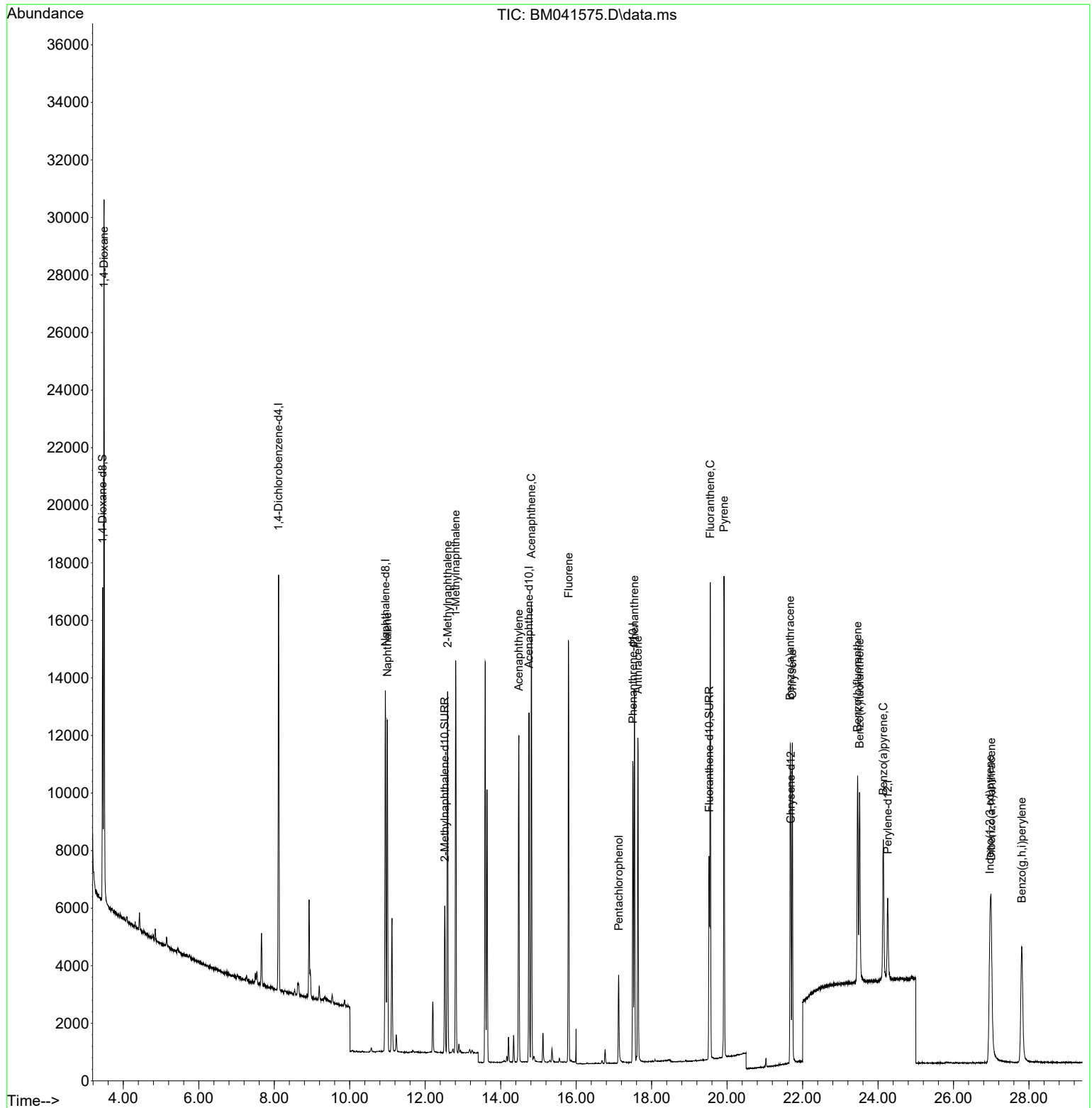
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	6965	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	15972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	6061	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	10863	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	3807	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	4009	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6124	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6307	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	5941	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	14963	1.365	ng/ul#	86
5) Naphthalene	10.999	128	15857	0.311	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	8557	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	8961	0.306	ng/ul	99
10) Acenaphthylene	14.481	152	12614	0.299	ng/ul	99
11) Acenaphthene	14.814	153	8714	0.299	ng/ul	98
12) Fluorene	15.800	166	9172	0.289	ng/ul	97
14) Pentachlorophenol	17.126	266	2222	0.532	ng/ul	99
15) Phenanthrene	17.544	178	13734	0.290	ng/ul	99
16) Anthracene	17.637	178	11886	0.288	ng/ul	99
19) Fluoranthene	19.557	202	13659	0.274	ng/ul	100
20) Pyrene	19.919	202	13570	0.270	ng/ul	97
21) Benzo(a)anthracene	21.673	228	9074	0.267	ng/ul	99
22) Chrysene	21.729	228	9984	0.274	ng/ul	100
24) Benzo(b)fluoranthene	23.459	252	9851	0.265	ng/ul	96
25) Benzo(k)fluoranthene	23.512	252	9710	0.274	ng/ul	95
26) Benzo(a)pyrene	24.140	252	8558	0.258	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.965	276	11399	0.257	ng/ul	98
28) Dibenzo(a,h)anthracene	26.998	278	7640	0.256	ng/ul	97
29) Benzo(g,h,i)perylene	27.810	276	10102	0.272	ng/ul	99

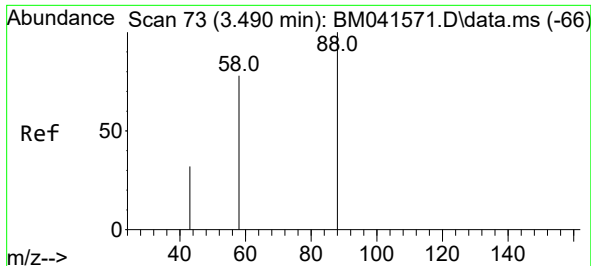
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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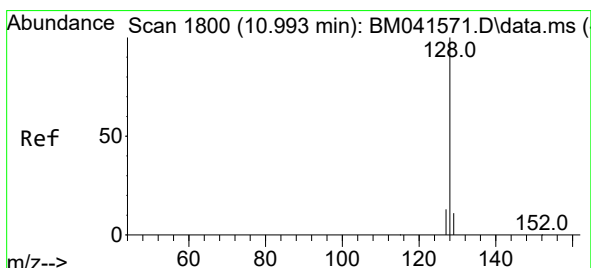
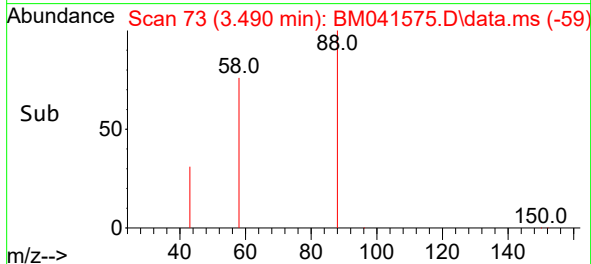
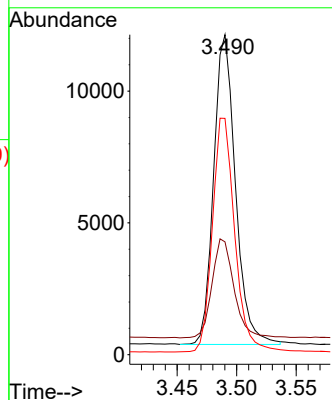
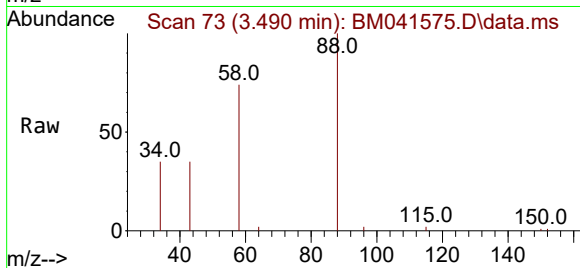




#2
1,4-Dioxane
Concen: 1.365 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

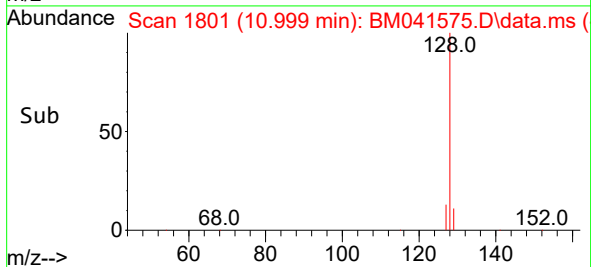
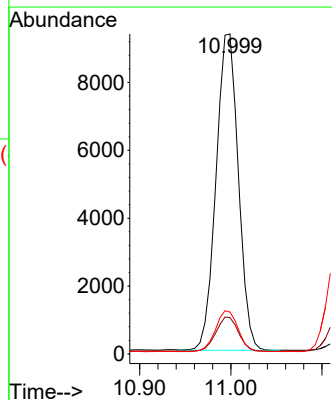
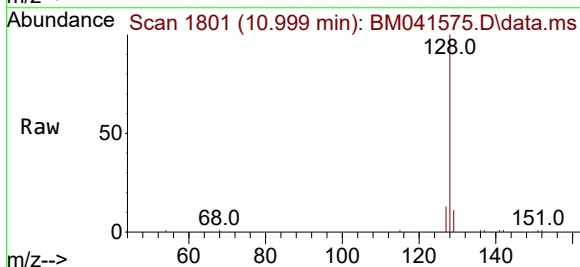
Instrument :
BNA_M
ClientSampleId :
SLCS099

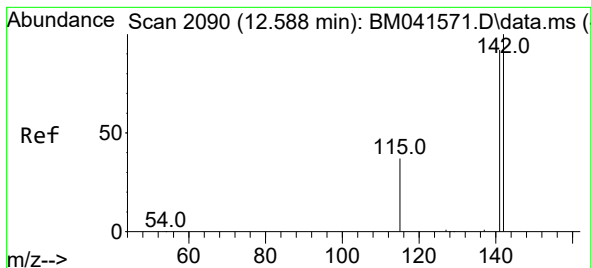
Tgt Ion: 88 Resp: 14963
Ion Ratio Lower Upper
88 100
43 35.3 46.2 69.2#
58 73.8 58.1 87.1



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion: 128 Resp: 15857
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 10.6 15.8

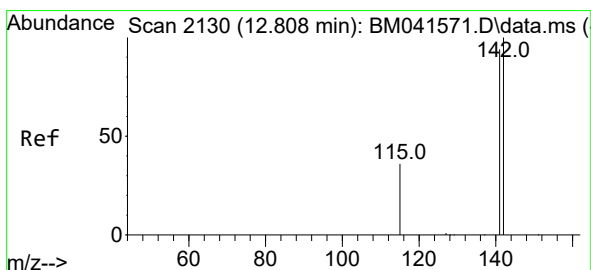
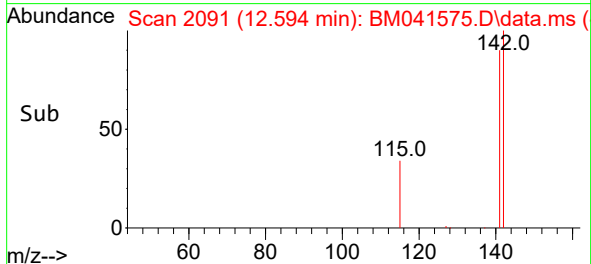
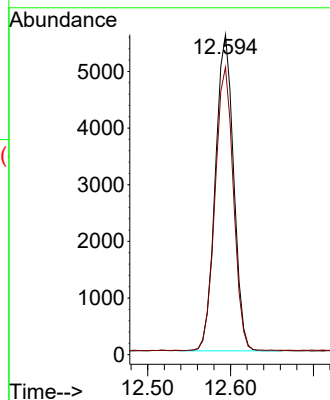
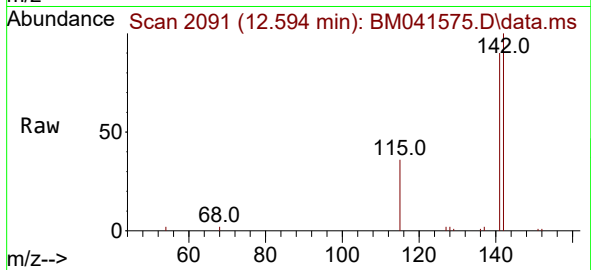




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

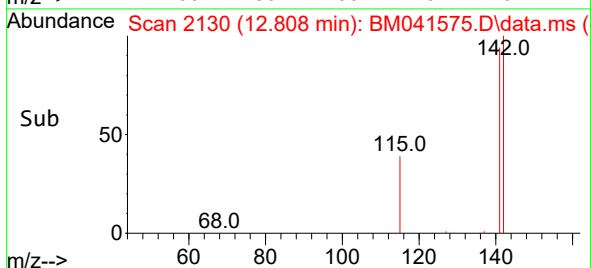
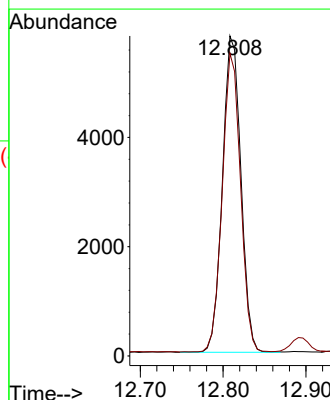
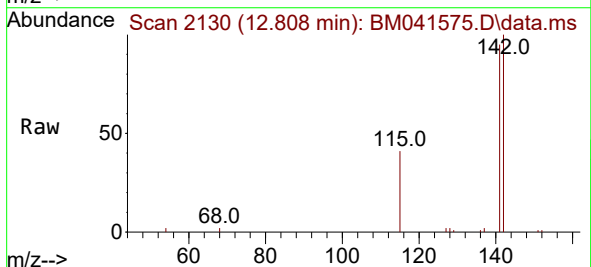
Instrument :
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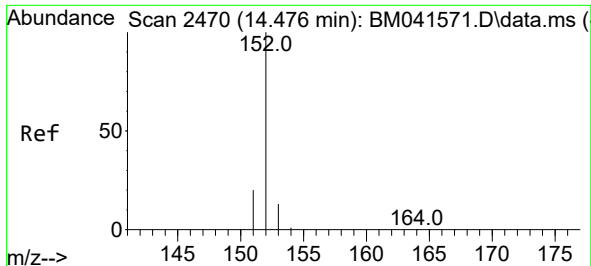
Tgt Ion:142 Resp: 8557
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:142 Resp: 8961
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.2

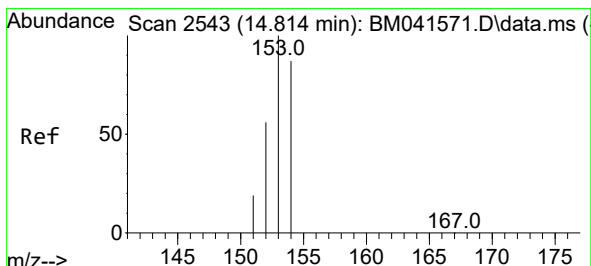
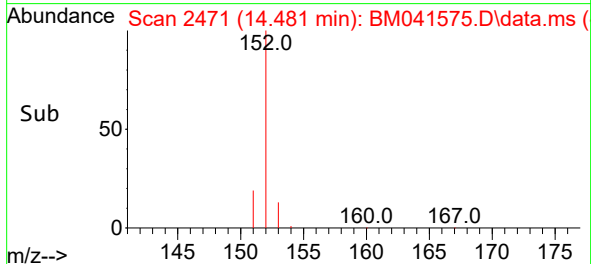
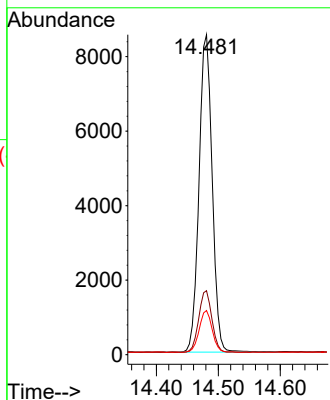
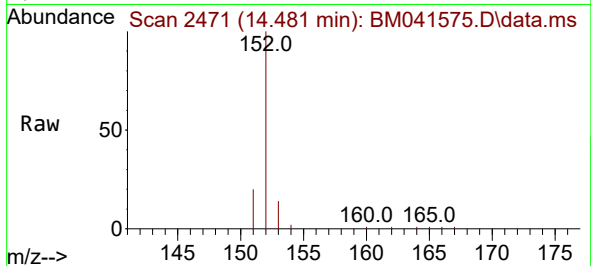




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.481 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

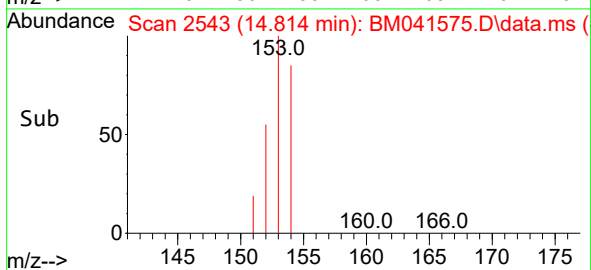
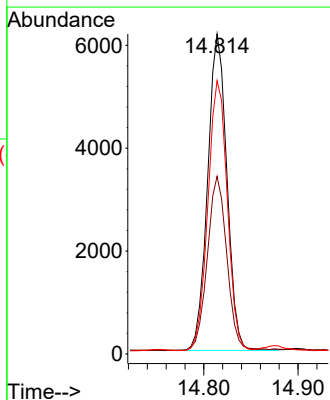
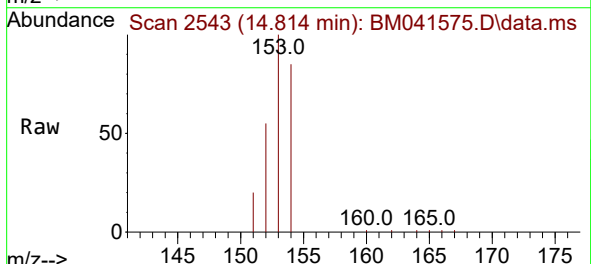
Instrument :
BNA_M
ClientSampleId :
SLCS099

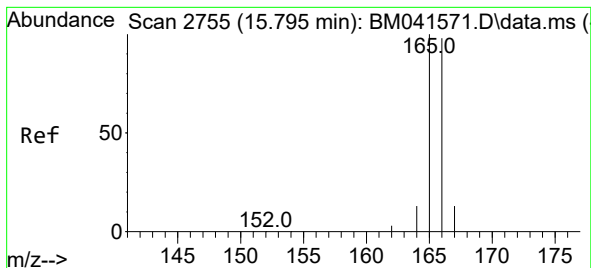
Tgt Ion:152 Resp: 12614
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 10.6 15.8



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.004 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:153 Resp: 8714
Ion Ratio Lower Upper
153 100
152 55.5 43.4 65.2
154 85.4 70.2 105.2





#12

Fluorene

Concen: 0.289 ng/ul

RT: 15.800 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041575.D

Acq: 30 Aug 2023 12:05

Instrument :

BNA_M

ClientSampleId :

SLCS099

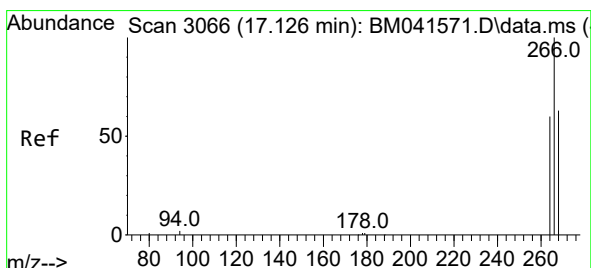
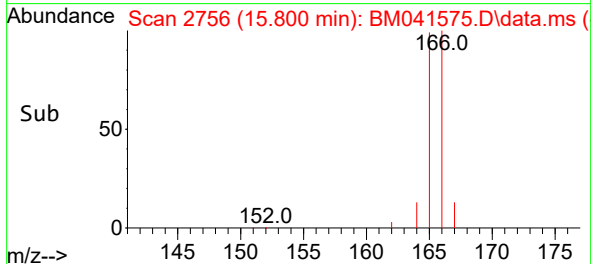
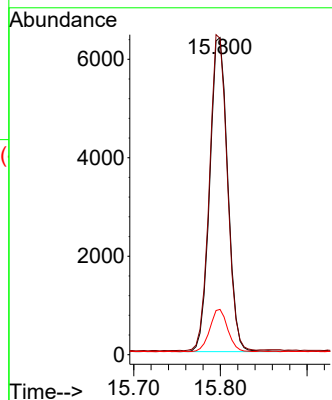
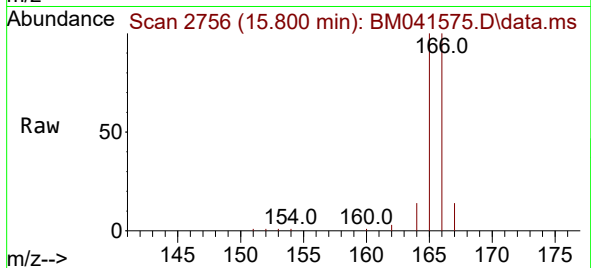
Tgt Ion:166 Resp: 9172

Ion Ratio Lower Upper

166 100

165 99.7 82.2 123.2

167 14.3 11.5 17.3



#14

Pentachlorophenol

Concen: 0.532 ng/ul

RT: 17.126 min Scan# 3066

Delta R.T. 0.000 min

Lab File: BM041575.D

Acq: 30 Aug 2023 12:05

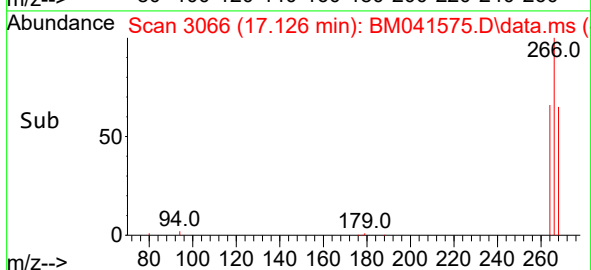
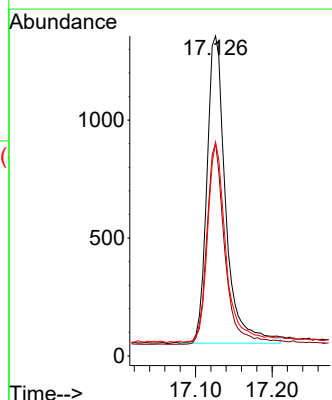
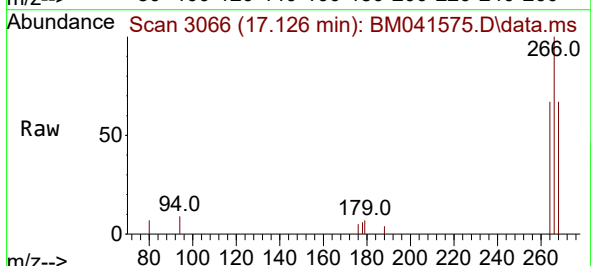
Tgt Ion:266 Resp: 2222

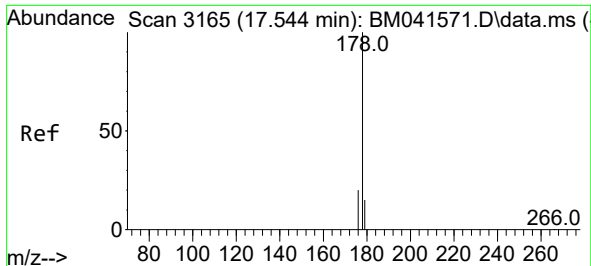
Ion Ratio Lower Upper

266 100

264 63.1 49.3 73.9

268 63.4 50.2 75.4

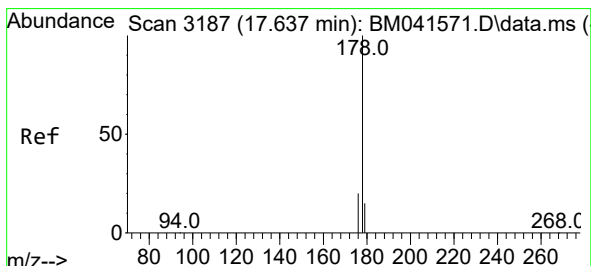
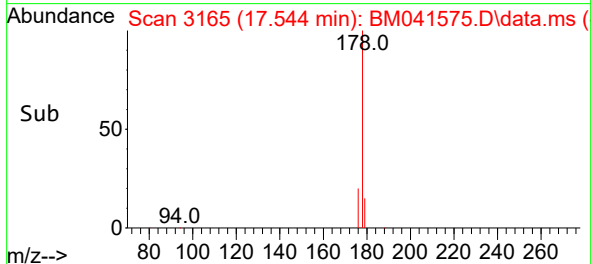
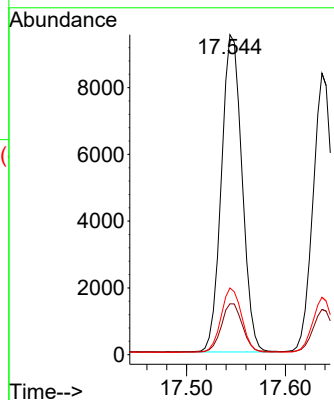
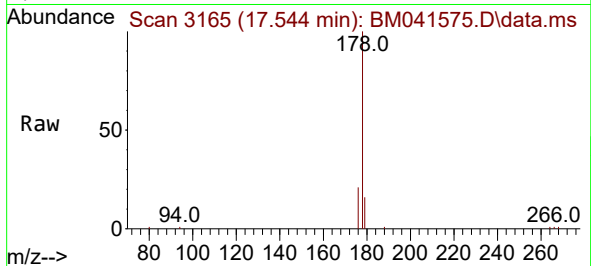




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

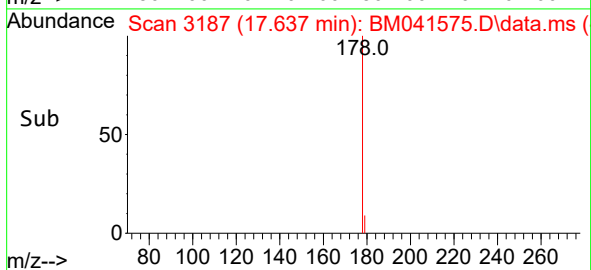
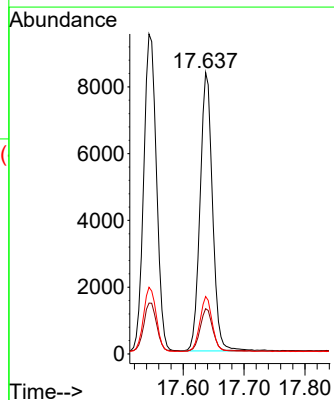
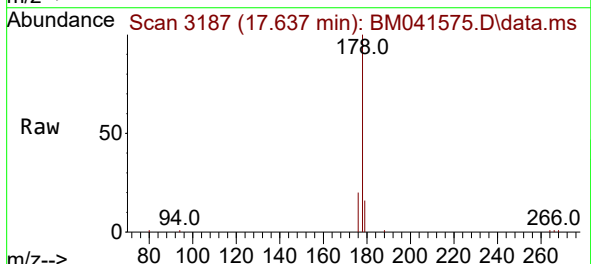
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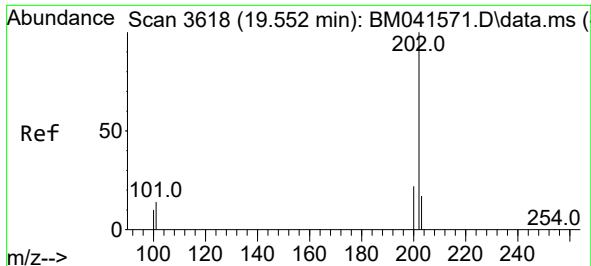
Tgt Ion:178 Resp: 13734
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.9 16.2 24.4



#16
Anthracene
Concen: 0.288 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:178 Resp: 11886
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.4 15.6 23.4

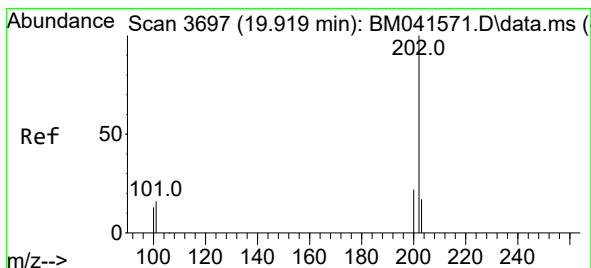
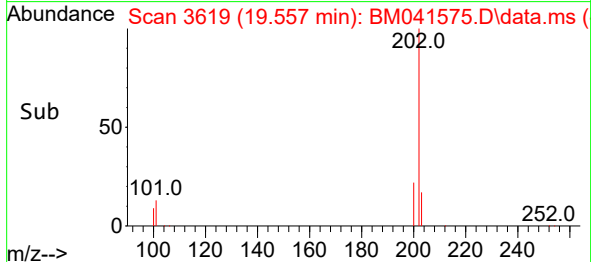
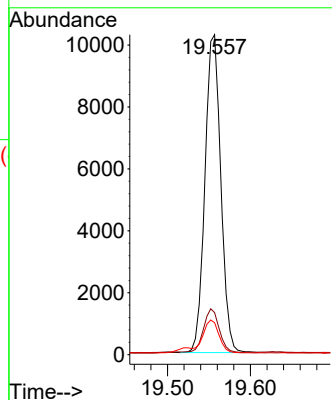
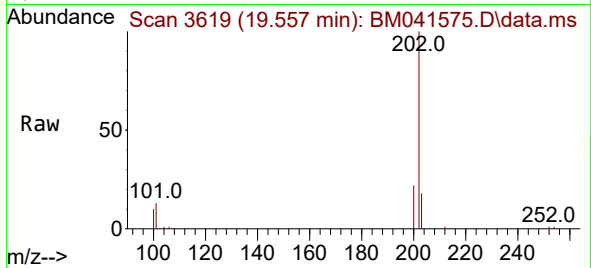




#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

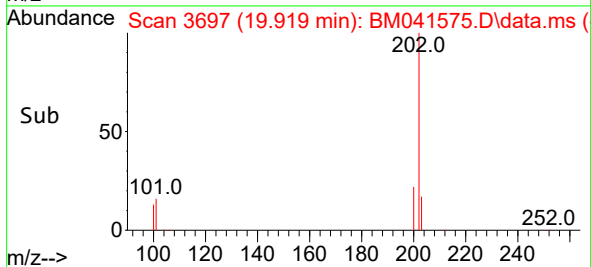
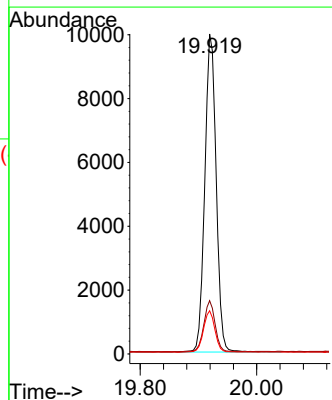
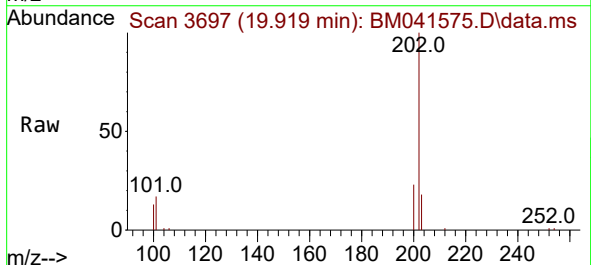
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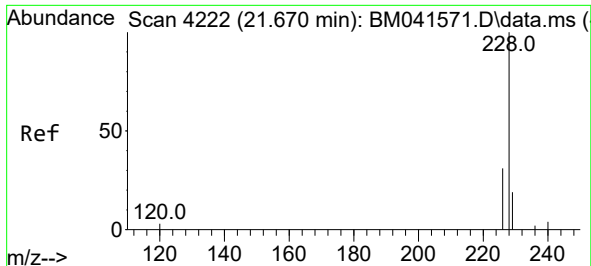
Tgt Ion:202 Resp: 13659
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.0 8.1 12.1



#20
Pyrene
Concen: 0.270 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.004 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:202 Resp: 13570
Ion Ratio Lower Upper
202 100
101 16.7 12.2 18.4
100 13.5 9.8 14.8

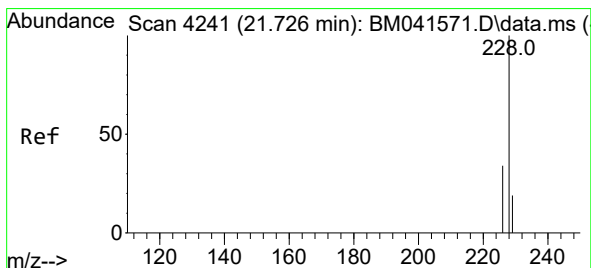
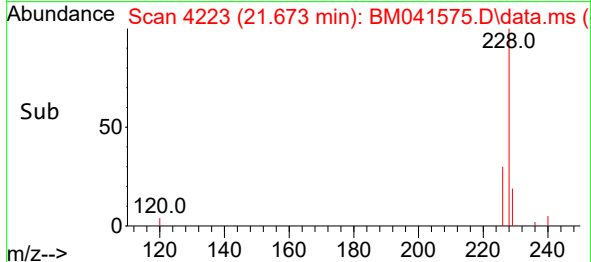
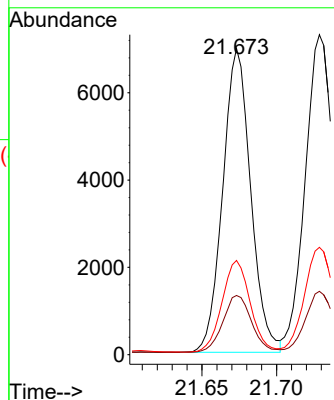
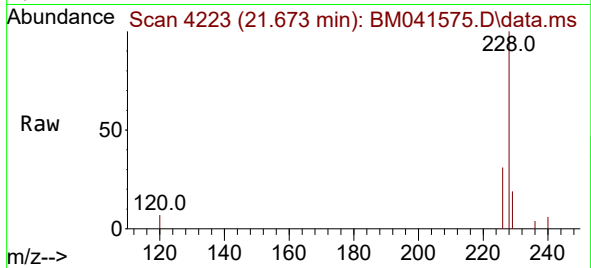




#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.673 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

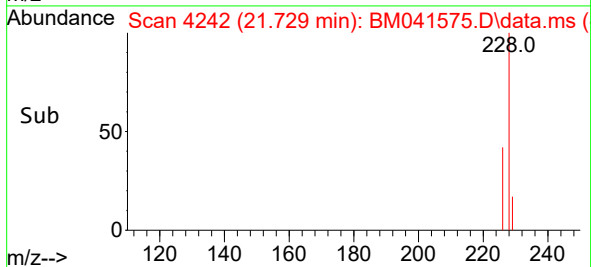
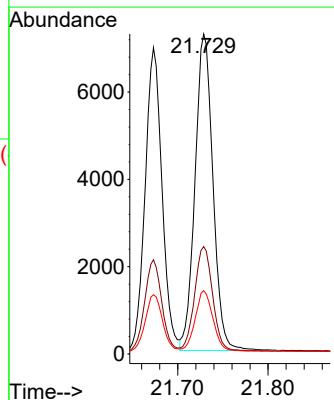
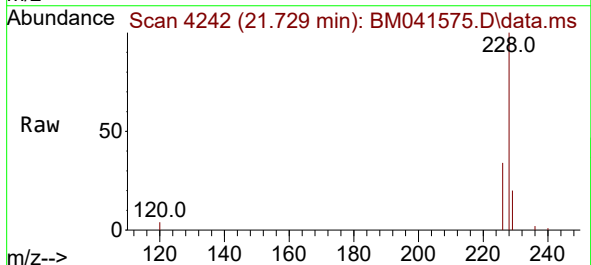
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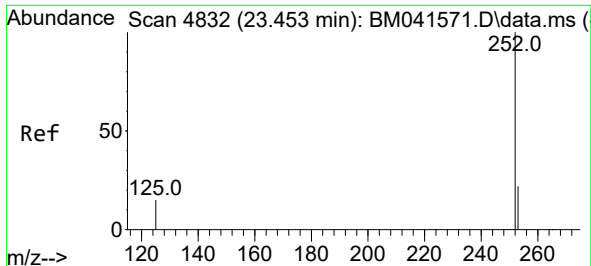
Tgt Ion:228 Resp: 9074
Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 30.8 25.0 37.4



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:228 Resp: 9984
Ion Ratio Lower Upper
228 100
226 33.6 26.7 40.1
229 19.8 15.9 23.9

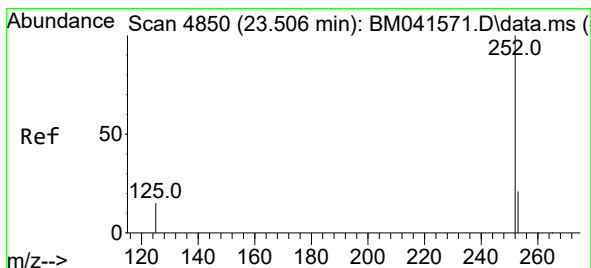
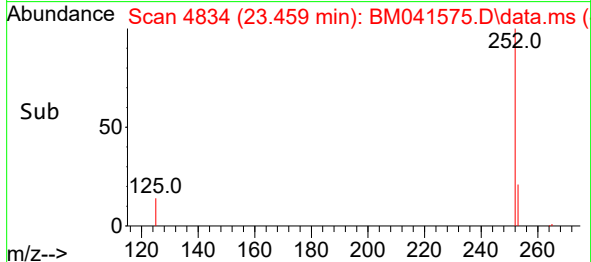
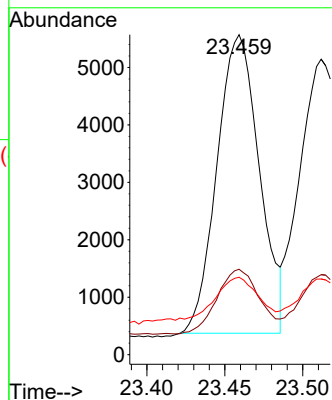
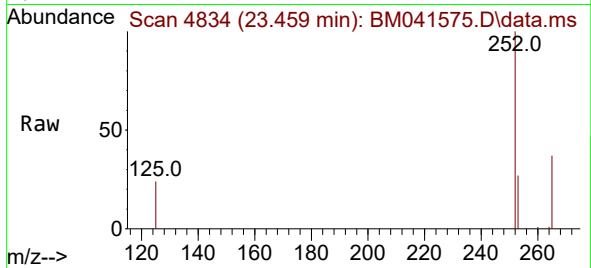




#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul
RT: 23.459 min Scan# 4834
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

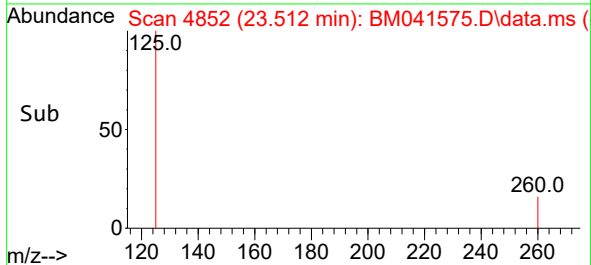
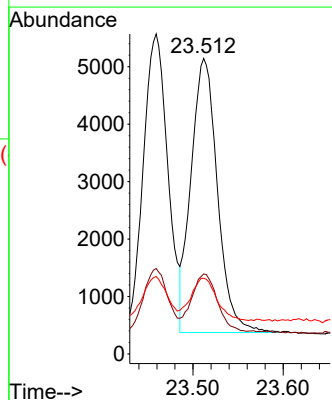
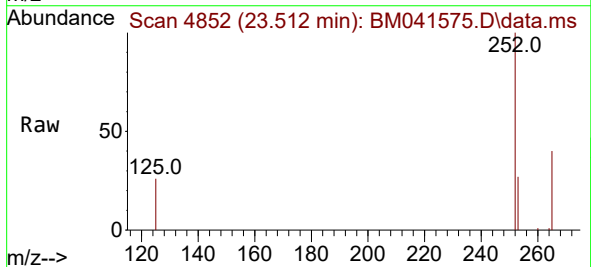
Instrument :
BNA_M
ClientSampleId :
SLCS099

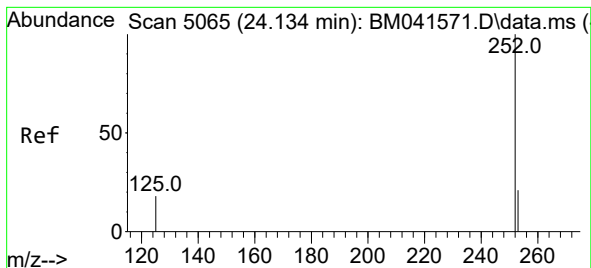
Tgt Ion:252 Resp: 9851
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.0
125 24.2 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul
RT: 23.512 min Scan# 4852
Delta R.T. 0.000 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:252 Resp: 9710
Ion Ratio Lower Upper
252 100
253 27.1 20.2 30.4
125 25.6 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.258 ng/ul

RT: 24.140 min Scan# 5065

Delta R.T. 0.003 min

Lab File: BM041575.D

Acq: 30 Aug 2023 12:05

Instrument :

BNA_M

ClientSampleId :

SLCS099

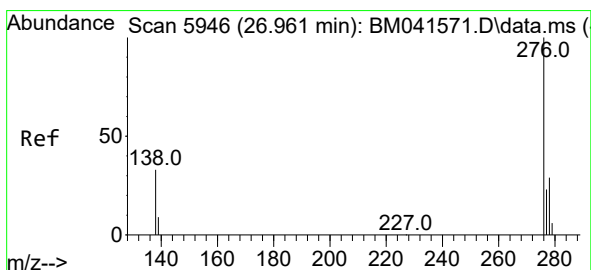
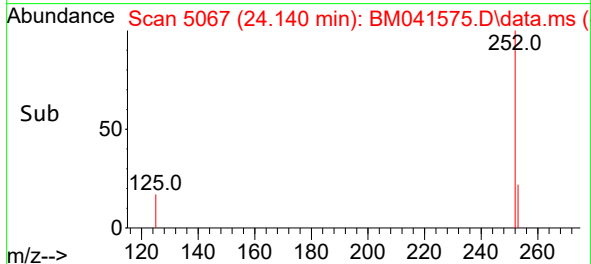
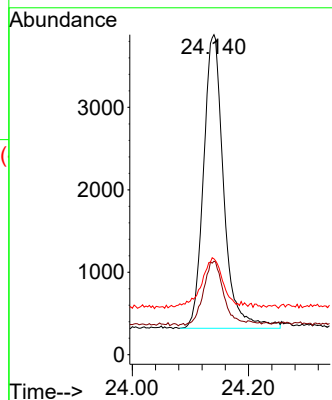
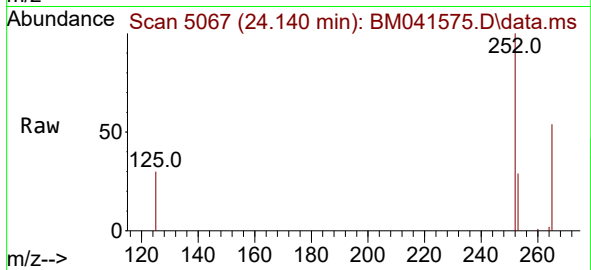
Tgt Ion:252 Resp: 8558

Ion Ratio Lower Upper

252 100

253 29.2 20.9 31.3

125 30.0 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.257 ng/ul

RT: 26.965 min Scan# 5947

Delta R.T. 0.001 min

Lab File: BM041575.D

Acq: 30 Aug 2023 12:05

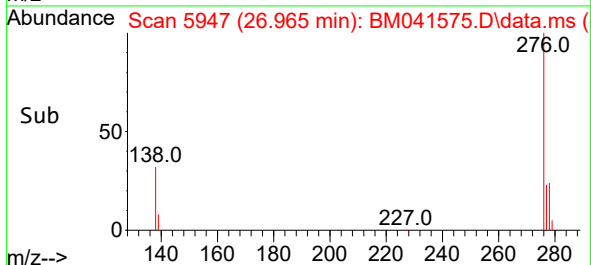
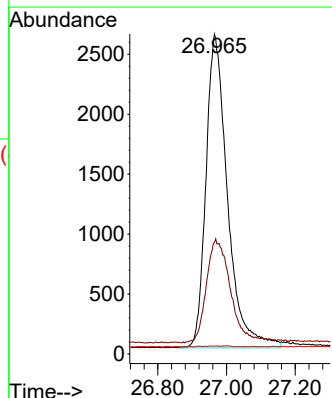
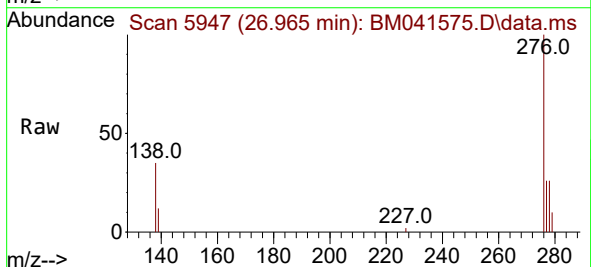
Tgt Ion:276 Resp: 11399

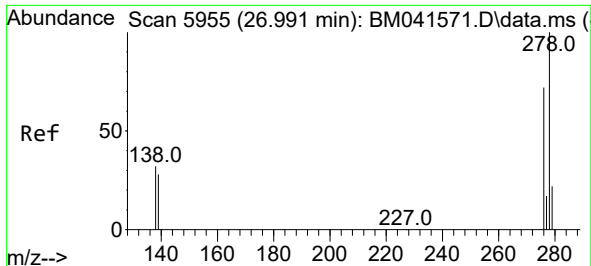
Ion Ratio Lower Upper

276 100

138 36.8 30.3 45.5

227 0.1 0.1 0.1

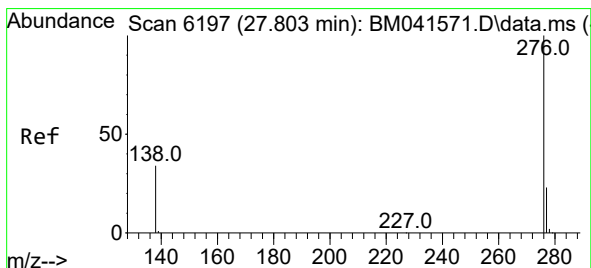
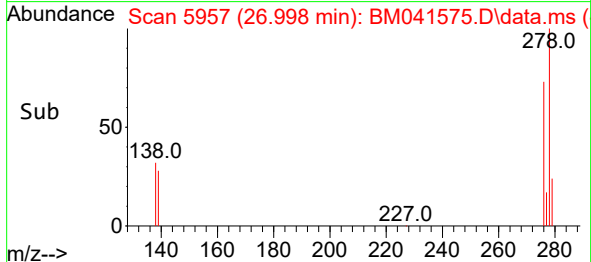
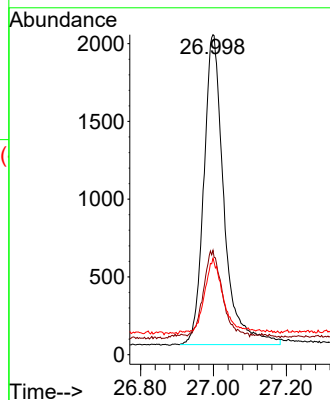
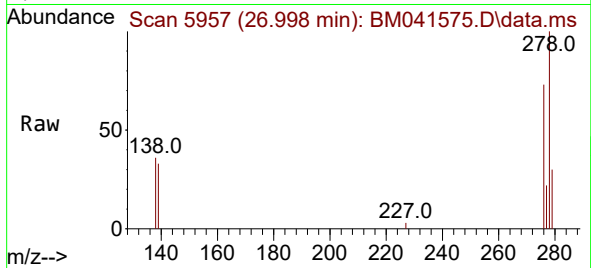




#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 26.998 min Scan# 5957
Delta R.T. 0.004 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Instrument :
BNA_M
ClientSampleId :
SLCS099

Tgt Ion:278 Resp: 7640
Ion Ratio Lower Upper
278 100
139 32.6 25.0 37.4
279 30.1 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 27.810 min Scan# 6199
Delta R.T. 0.004 min
Lab File: BM041575.D
Acq: 30 Aug 2023 12:05

Tgt Ion:276 Resp: 10102
Ion Ratio Lower Upper
276 100
138 35.2 27.4 41.0
277 26.0 20.4 30.6

