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 Data File : BM045768.D
 Acq On : 28 May 2024 19:49
 Operator : MA/JU
 Sample : SSTD0.240
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

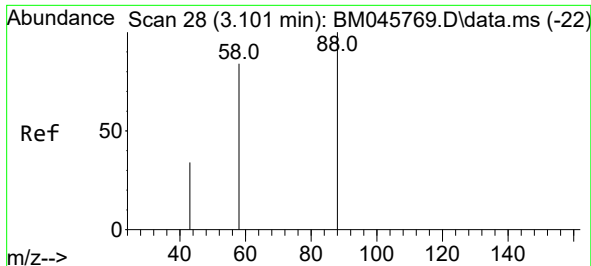
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2002

Quant Time: May 28 23:51:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 28 23:49:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	6119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	17994	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.132	164	9095	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	18057	0.400	ng/ul	0.00
17) Chrysene-d12	21.064	240	11820	0.400	ng/ul	0.00
23) Perylene-d12	23.180	264	12555	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	1762	0.229	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	5009	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.904	212	8394	0.280	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.105	88	1554	0.211	ng/ul#	85
5) Naphthalene	10.310	128	9573	0.201	ng/ul	97
7) 2-Methylnaphthalene	11.932	142	5960	0.203	ng/ul	98
8) 1-Methylnaphthalene	12.157	142	6253	0.202	ng/ul	100
10) Acenaphthylene	13.850	152	8494	0.196	ng/ul	98
11) Acenaphthene	14.192	153	6251	0.205	ng/ul	99
12) Fluorene	15.187	166	6915	0.200	ng/ul	98
14) Pentachlorophenol	16.563	266	160	0.040	ng/ul	99
15) Phenanthrene	16.917	178	10361	0.204	ng/ul	99
16) Anthracene	17.006	178	9561	0.189	ng/ul	96
19) Fluoranthene	18.937	202	11166	0.265	ng/ul	99
20) Pyrene	19.295	202	11493	0.255	ng/ul	97
21) Benzo(a)anthracene	21.046	228	9140	0.195	ng/ul	97
22) Chrysene	21.099	228	9771	0.177	ng/ul	97
24) Benzo(b)fluoranthene	22.551	252	9568	0.186	ng/ul	74
25) Benzo(k)fluoranthene	22.592	252	9247	0.174	ng/ul#	74
26) Benzo(a)pyrene	23.089	252	7921	0.190	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.256	276	8874	0.173	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.272	278	6458	0.177	ng/ul#	73
29) Benzo(g,h,i)perylene	25.886	276	8932	0.186	ng/ul#	88

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

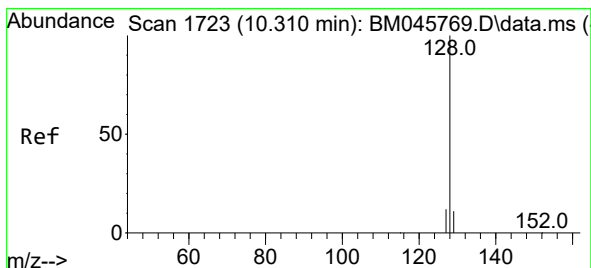
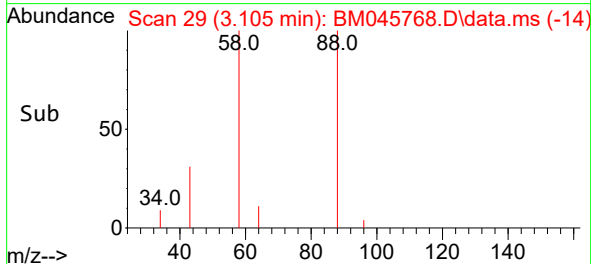
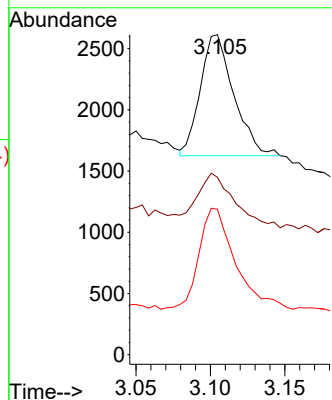
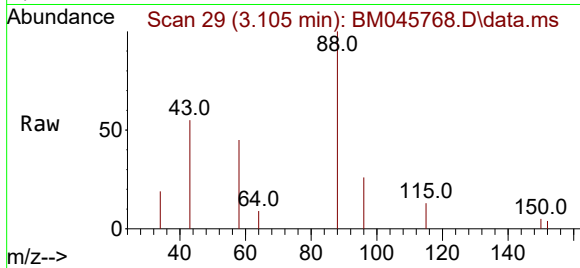
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\  
Data File : BM045768.D  
Acq On    : 28 May 2024   19:49  
Operator  : MA/JU  
Sample    : SSTD0.240  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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#2
1,4-Dioxane
Concen: 0.211 ng/ul
RT: 3.105 min Scan# 29
Delta R.T. 0.004 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

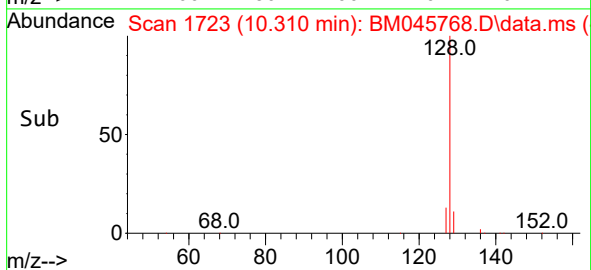
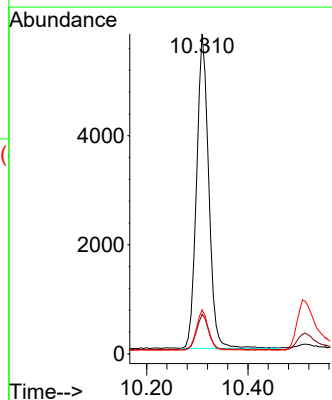
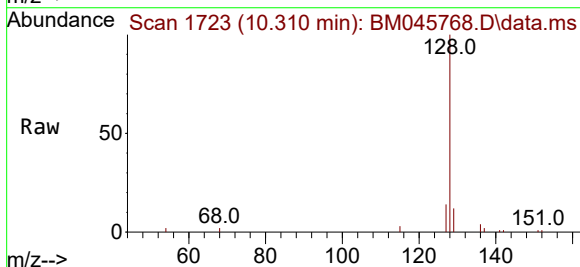
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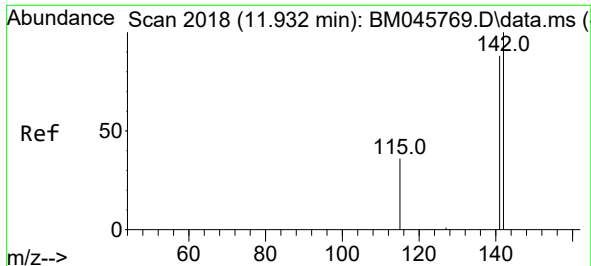
Tgt Ion: 88 Resp: 1554
Ion Ratio Lower Upper
88 100
43 55.5 38.4 57.6
58 45.4 47.0 70.6#



#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion: 128 Resp: 9573
Ion Ratio Lower Upper
128 100
129 12.4 8.9 13.3
127 13.8 10.3 15.5

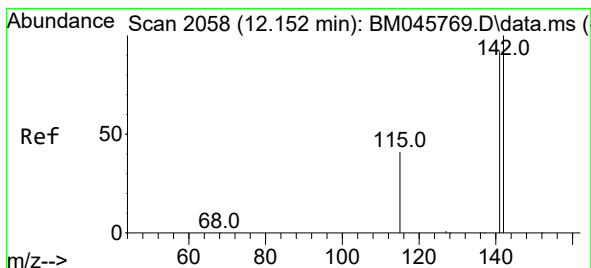
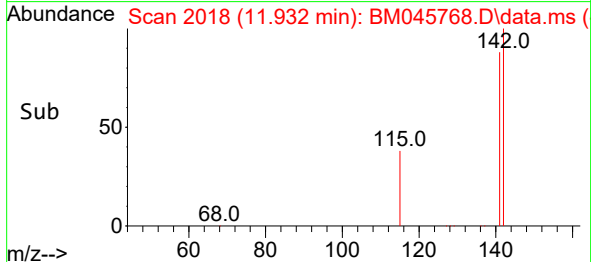
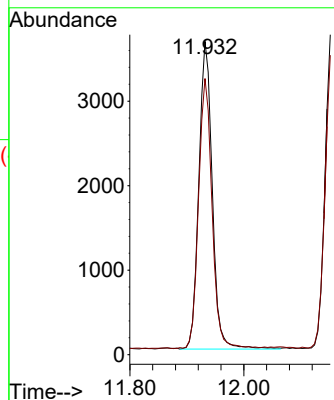
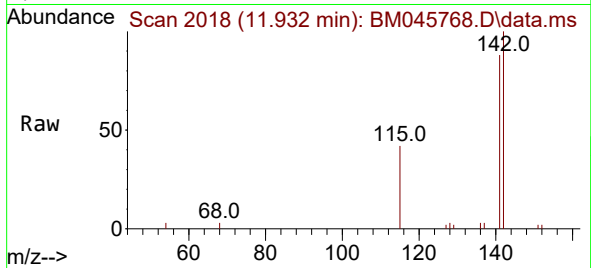




#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

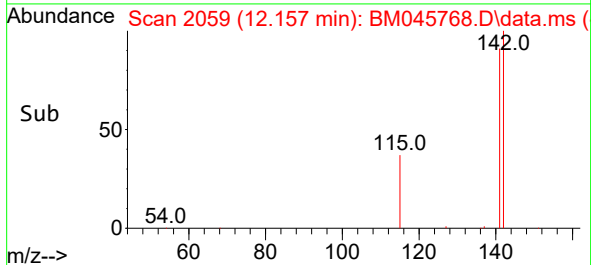
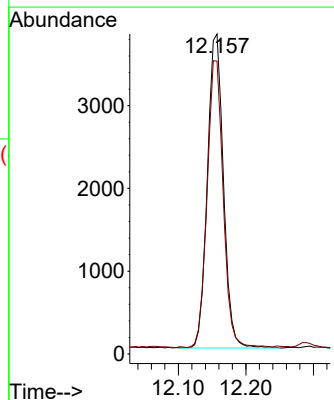
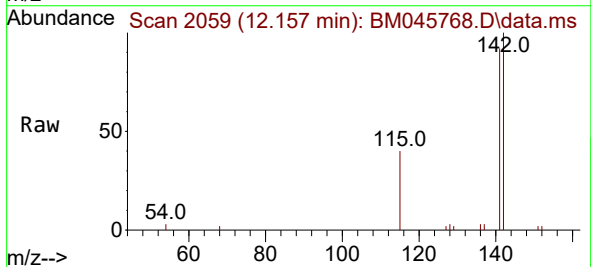
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ClientSampleId :
SSTD0.2002

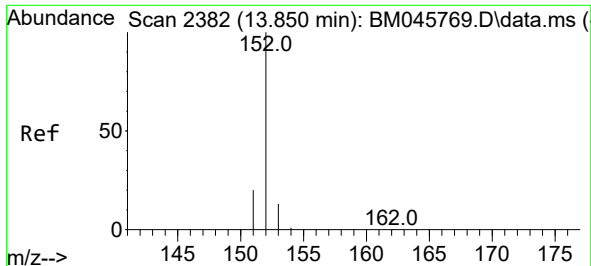
Tgt Ion:142 Resp: 5960
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. 0.005 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:142 Resp: 6253
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

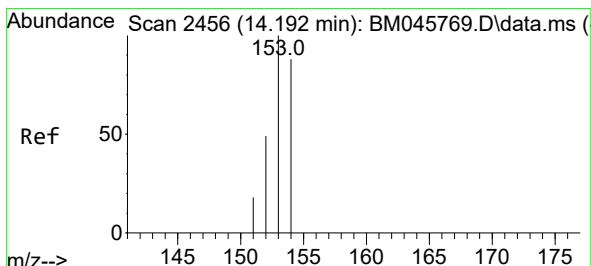
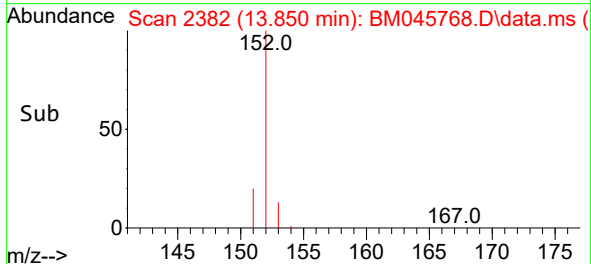
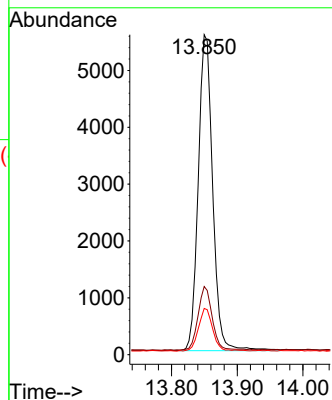
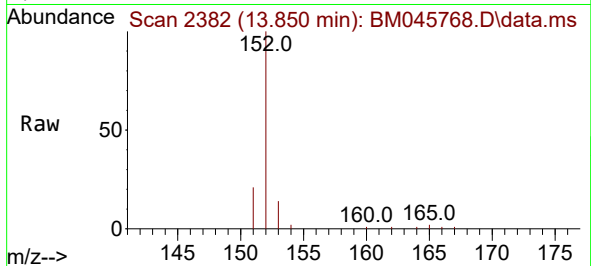




#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 13.850 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

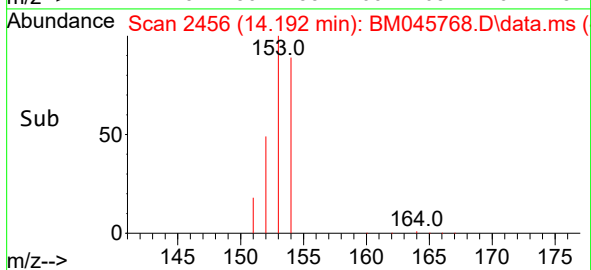
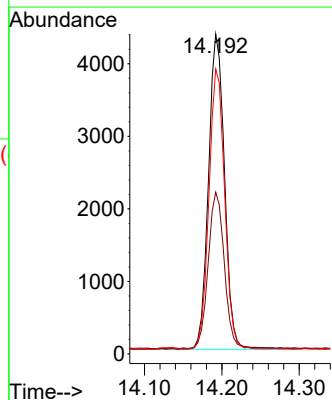
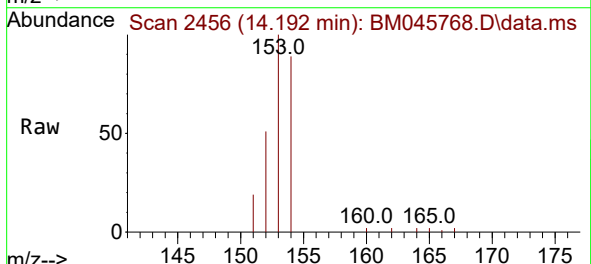
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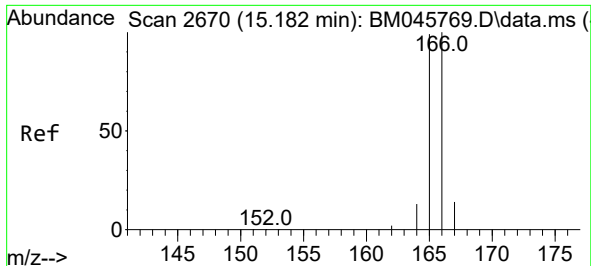
Tgt Ion:152	Resp:	8494
Ion	Ratio	Lower Upper
152	100	
151	21.3	16.2 24.4
153	14.4	10.8 16.2



#11
Acenaphthene
Concen: 0.205 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:153	Resp:	6251
Ion	Ratio	Lower Upper
153	100	
152	50.5	39.7 59.5
154	89.0	70.2 105.4

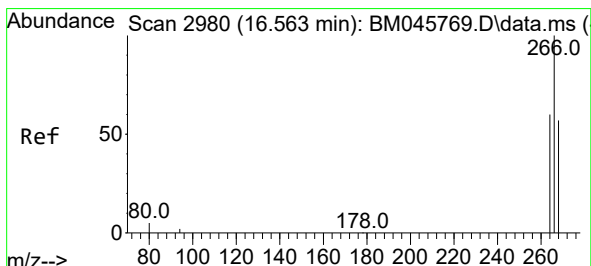
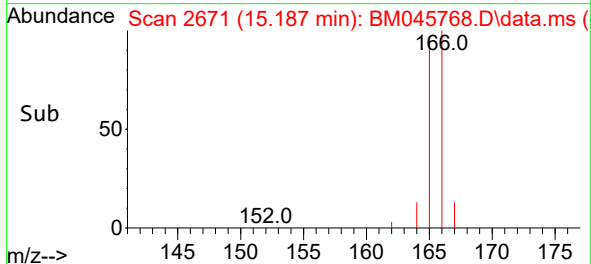
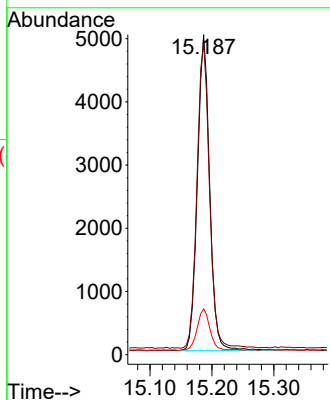
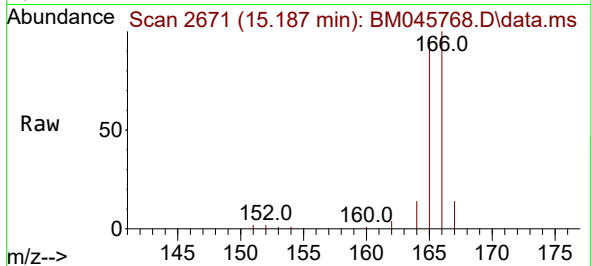




#12
Fluorene
Concen: 0.200 ng/ul
RT: 15.187 min Scan# 2670
Delta R.T. 0.004 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

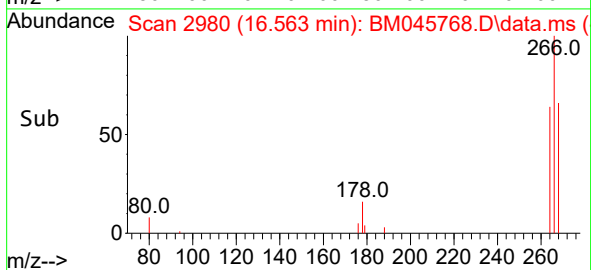
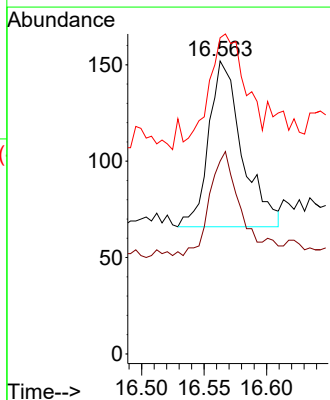
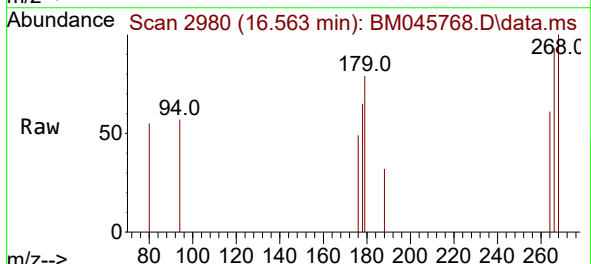
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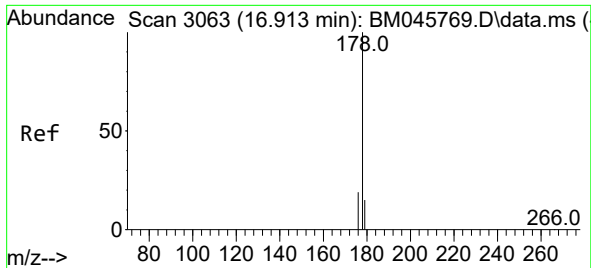
Tgt Ion:166 Resp: 6915
Ion Ratio Lower Upper
166 100
165 97.3 79.5 119.3
167 14.4 11.2 16.8



#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.563 min Scan# 2980
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:266 Resp: 160
Ion Ratio Lower Upper
266 100
264 59.4 48.1 72.1
268 63.1 50.2 75.2

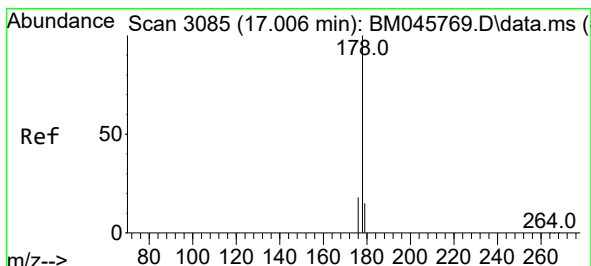
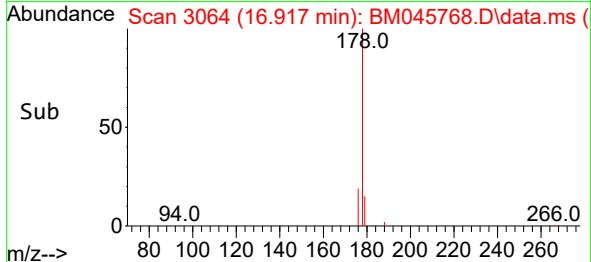
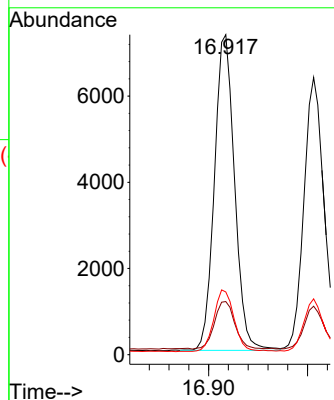
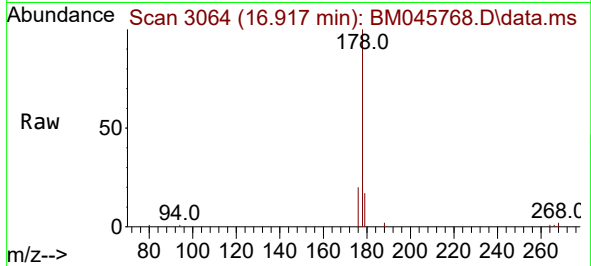




#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 16.917 min Scan# 3064
Delta R.T. 0.004 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

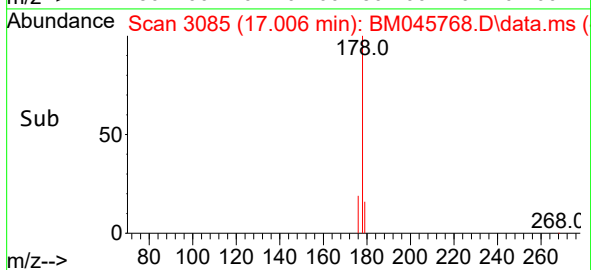
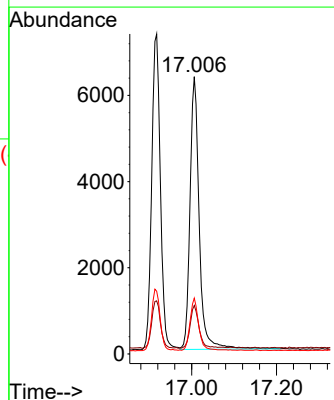
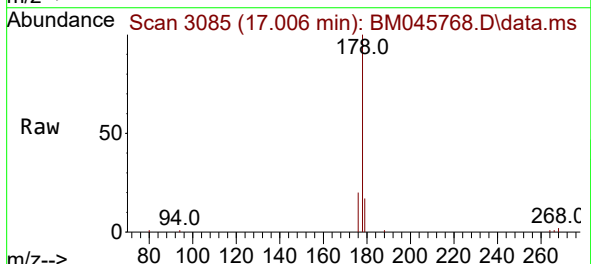
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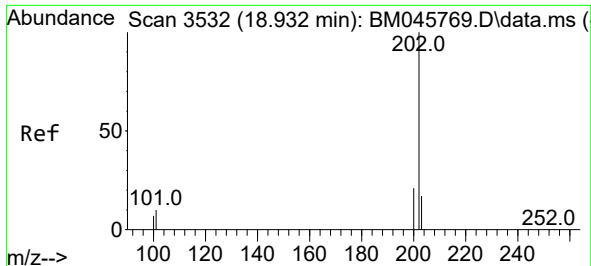
Tgt Ion:178 Resp: 10361
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.189 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:178 Resp: 9561
Ion Ratio Lower Upper
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179 17.5 12.9 19.3
176 20.2 14.7 22.1

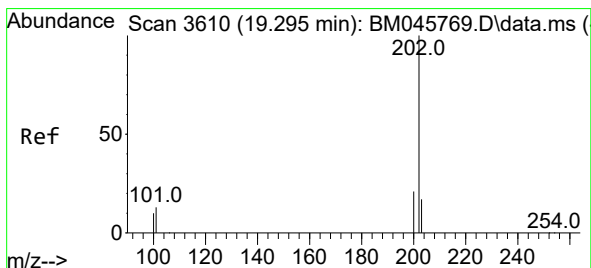
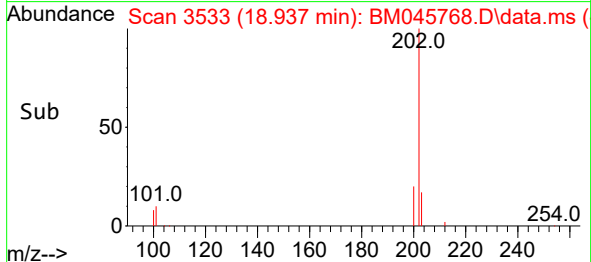
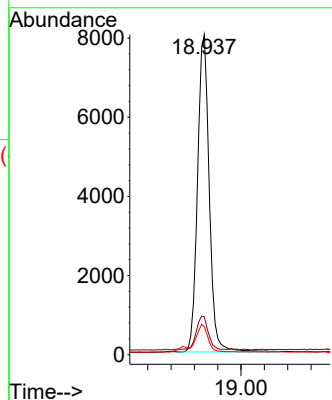
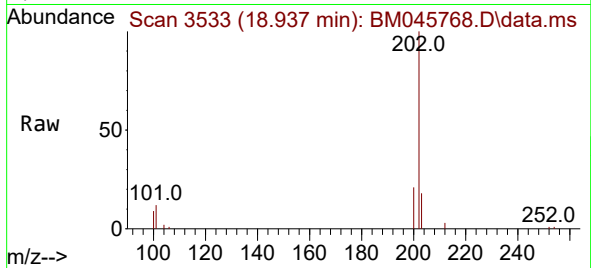




#19
Fluoranthene
Concen: 0.265 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. 0.004 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

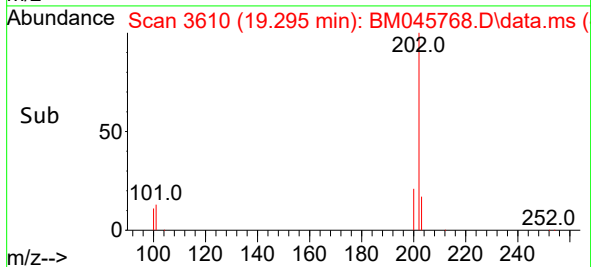
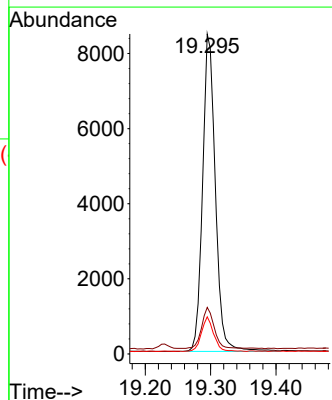
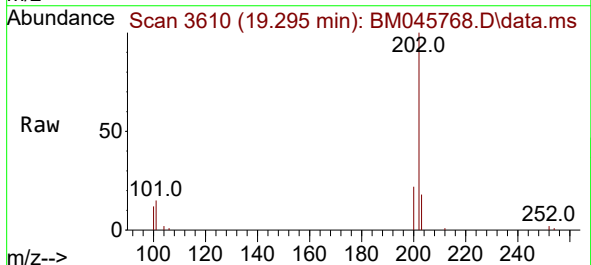
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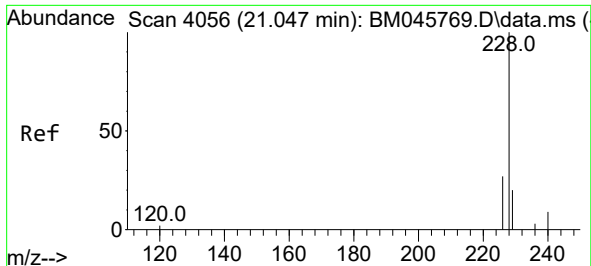
Tgt Ion:202 Resp: 11166
Ion Ratio Lower Upper
202 100
101 11.9 8.9 13.3
100 8.7 6.7 10.1



#20
Pyrene
Concen: 0.255 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:202 Resp: 11493
Ion Ratio Lower Upper
202 100
101 14.5 10.5 15.7
100 11.6 8.6 12.8

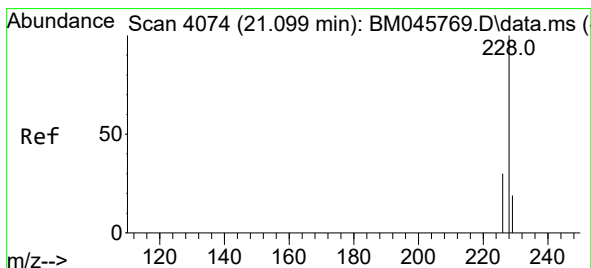
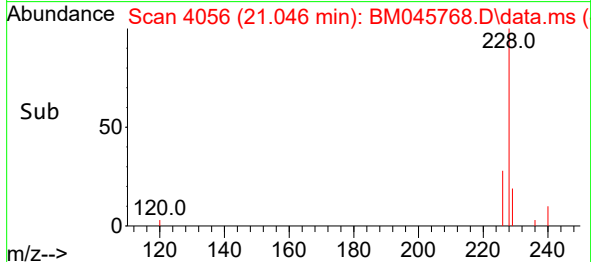
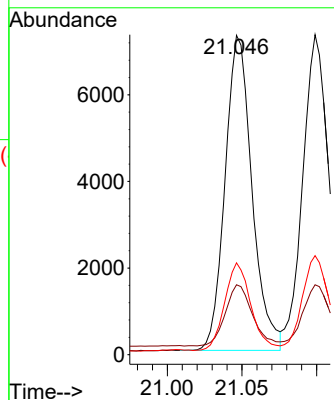
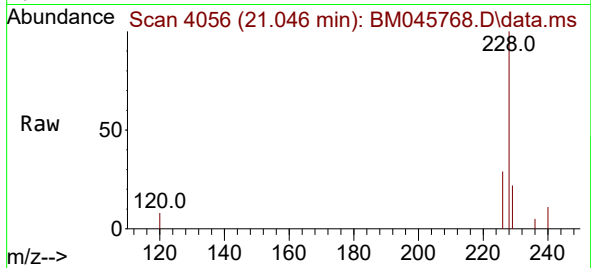




#21
Benzo(a)anthracene
Concen: 0.195 ng/ul
RT: 21.046 min Scan# 4056
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

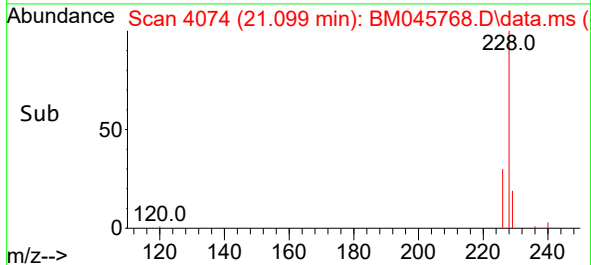
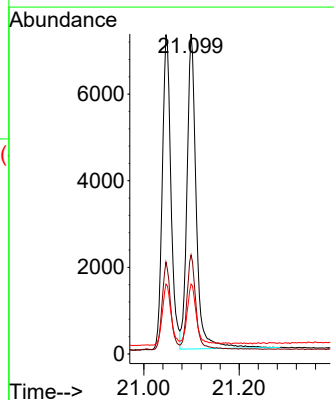
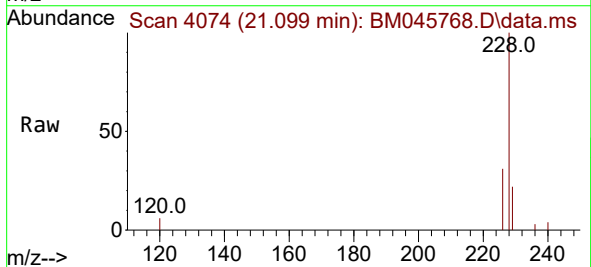
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ClientSampleId :
SSTD0.2002

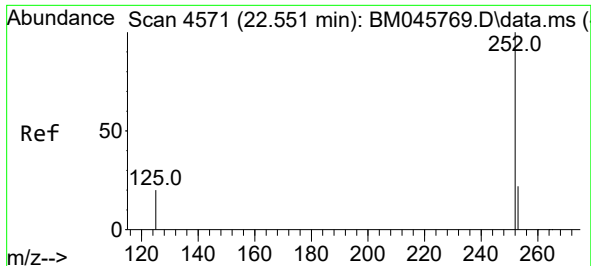
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Ion Ratio Lower Upper
228 100
229 21.9 16.6 25.0
226 28.7 21.8 32.6



#22
Chrysene
Concen: 0.177 ng/ul
RT: 21.099 min Scan# 4074
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:228 Resp: 9771
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.8
229 21.9 16.3 24.5

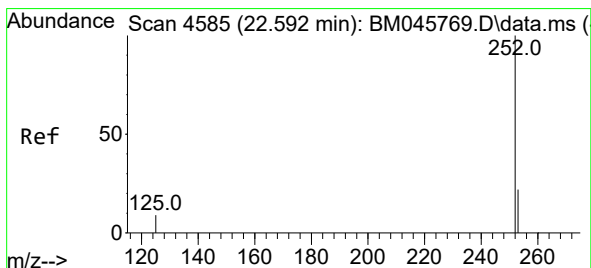
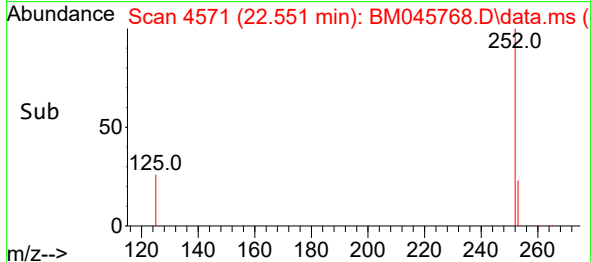
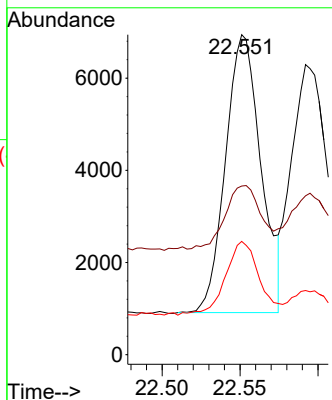
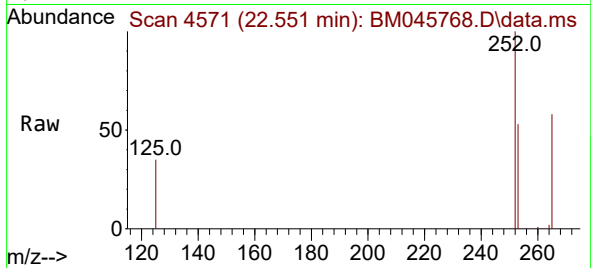




#24
Benzo(b)fluoranthene
Concen: 0.186 ng/ul
RT: 22.551 min Scan# 4571
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

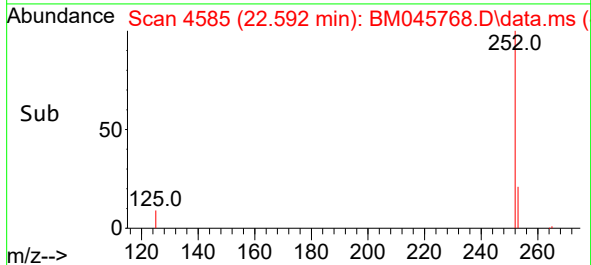
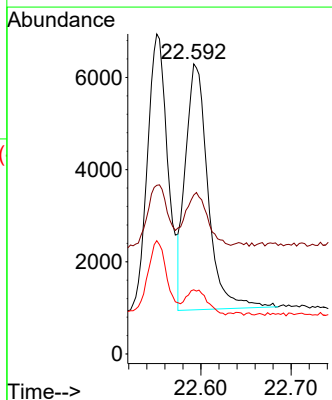
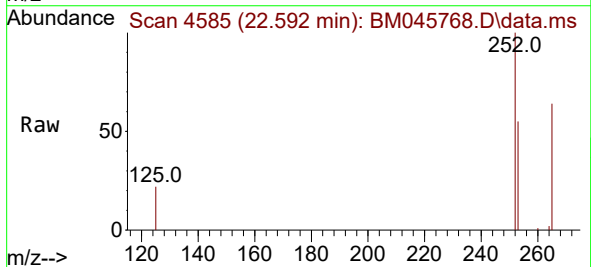
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

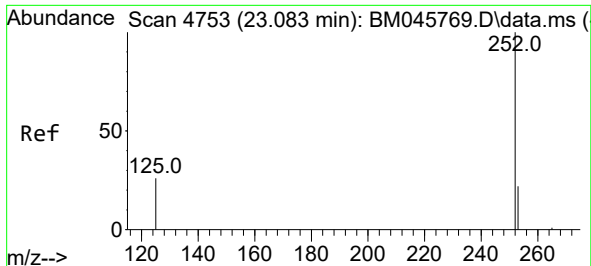
Tgt Ion:252 Resp: 9568
Ion Ratio Lower Upper
252 100
253 52.7 0.0 71.4
125 35.4 0.0 49.2



#25
Benzo(k)fluoranthene
Concen: 0.174 ng/ul
RT: 22.592 min Scan# 4585
Delta R.T. -0.000 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:252 Resp: 9247
Ion Ratio Lower Upper
252 100
253 54.8 29.4 44.0#
125 22.2 12.6 18.8#

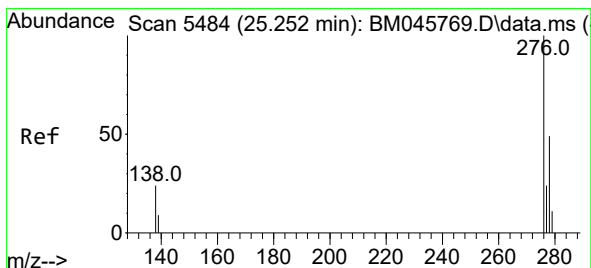
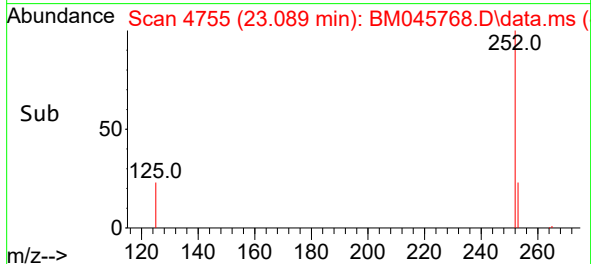
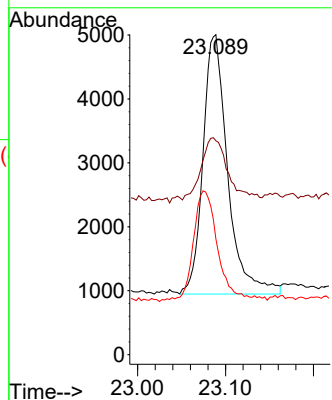
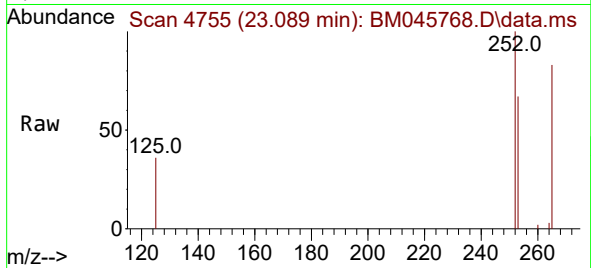




#26
Benzo(a)pyrene
Concen: 0.190 ng/ul
RT: 23.089 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

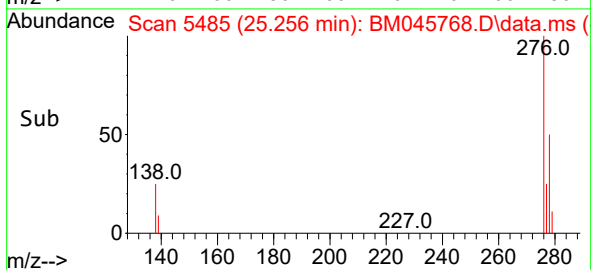
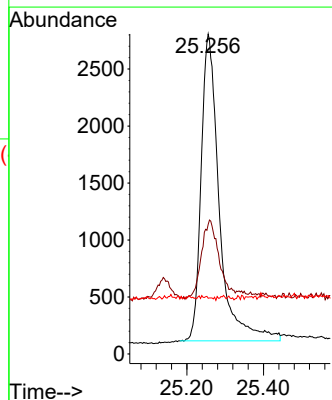
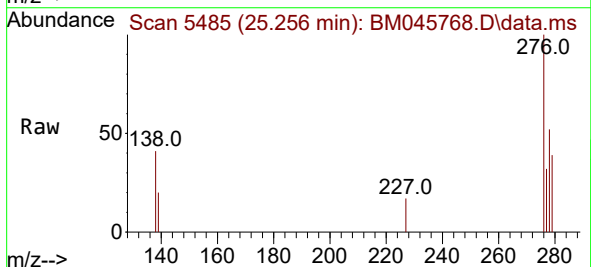
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

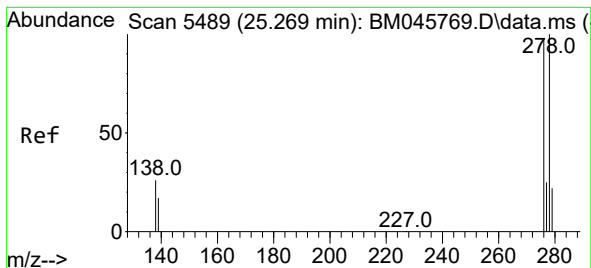
Tgt Ion:252 Resp: 7921
Ion Ratio Lower Upper
252 100
253 66.9 34.3 51.5#
125 36.2 25.7 38.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 25.256 min Scan# 5485
Delta R.T. 0.003 min
Lab File: BM045768.D
Acq: 28 May 2024 19:49

Tgt Ion:276 Resp: 8874
Ion Ratio Lower Upper
276 100
138 27.8 19.8 29.8
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.177 ng/ul

RT: 25.272 min Scan# 54

Delta R.T. 0.003 min

Lab File: BM045768.D

Acq: 28 May 2024 19:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

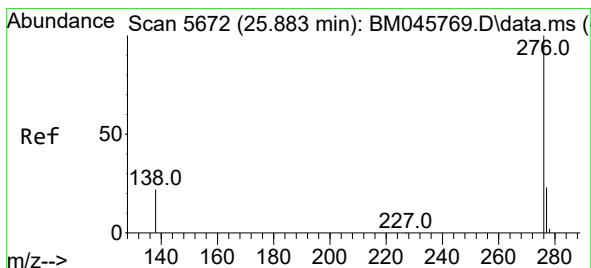
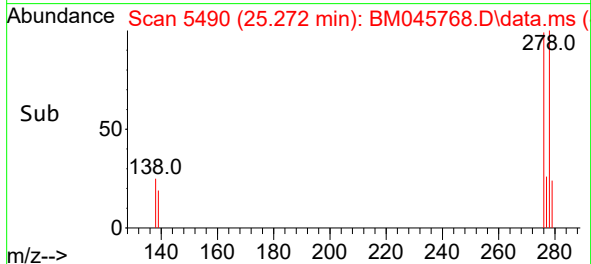
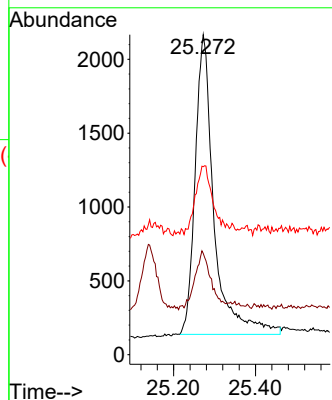
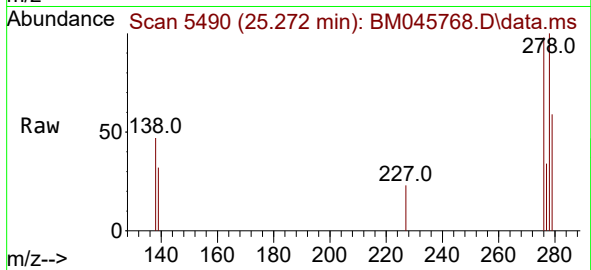
Tgt Ion:278 Resp: 6458

Ion Ratio Lower Upper

278 100

139 31.7 18.7 28.1#

279 58.7 31.0 46.6#



#29

Benzo(g,h,i)perylene

Concen: 0.186 ng/ul

RT: 25.886 min Scan# 5673

Delta R.T. 0.003 min

Lab File: BM045768.D

Acq: 28 May 2024 19:49

Tgt Ion:276 Resp: 8932

Ion Ratio Lower Upper

276 100

138 38.3 23.4 35.0#

277 29.4 21.0 31.4

