

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
 Data File : BM045612.D
 Acq On : 27 Apr 2024 14:43
 Operator : MA/JU
 Sample : P2203-19DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY7DL

Quant Time: Apr 28 22:54:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

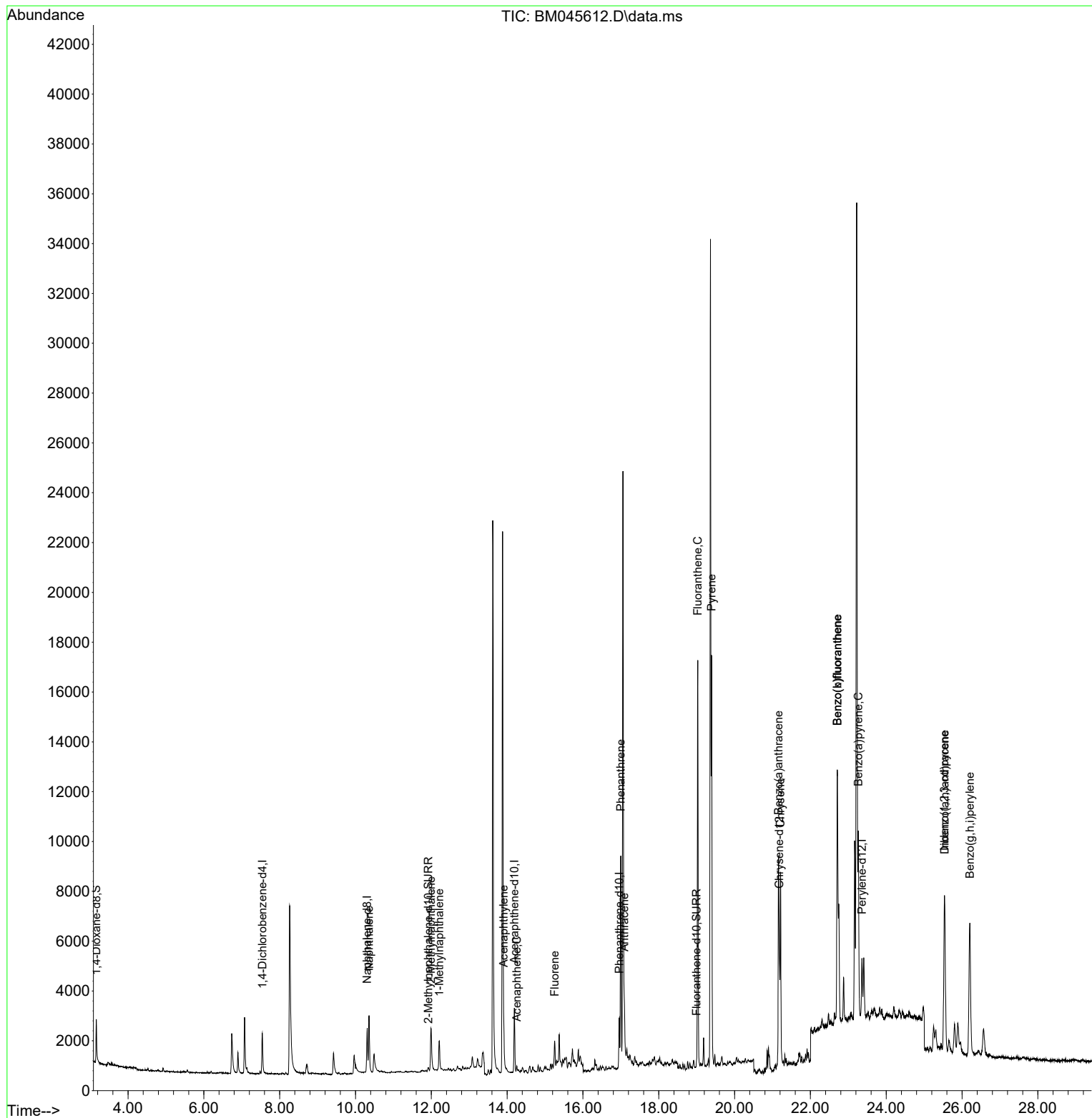
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	992	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2668	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1329	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.959	188	2559	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240	2136	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	3385	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1309	0.984	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	229	0.065	ng/ul	-0.01
18) Fluoranthene-d10	18.996	212	378	0.056	ng/ul	-0.02
Target Compounds			Qvalue			
5) Naphthalene	10.358	128	3444	0.481	ng/ul#	92
7) 2-Methylnaphthalene	11.991	142	1826	0.446	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	996	0.217	ng/ul	100
10) Acenaphthylene	13.909	152	1601	0.244	ng/ul#	91
11) Acenaphthene	14.256	153	175	0.036	ng/ul#	91
12) Fluorene	15.255	166	776	0.149	ng/ul#	89
15) Phenanthrene	16.997	178	9761	1.310	ng/ul	95
16) Anthracene	17.089	178	1843	0.264	ng/ul#	92
19) Fluoranthene	19.029	202	14899	1.511	ng/ul#	90
20) Pyrene	19.391	202	14256	1.407	ng/ul#	94
21) Benzo(a)anthracene	21.158	228	7321	1.072	ng/ul	99
22) Chrysene	21.211	228	8657	0.825	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	16410	1.441	ng/ul	89
25) Benzo(k)fluoranthene	22.710	252	20957	1.457	ng/ul#	89
26) Benzo(a)pyrene	23.262	252	9837	0.833	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.538	276	10061	0.586	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.541	278	2637	0.194	ng/ul#	58
29) Benzo(g,h,i)perylene	26.205	276	11118	0.721	ng/ul	99

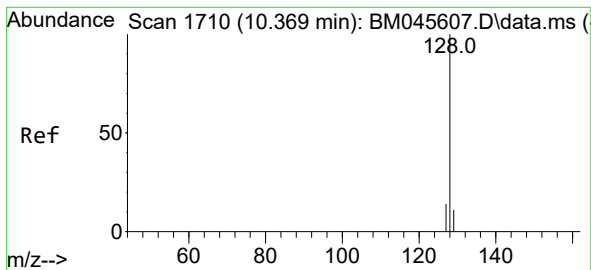
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
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#5

Naphthalene

Concen: 0.481 ng/ul

RT: 10.358 min Scan# 1

Delta R.T. -0.022 min

Lab File: BM045612.D

Acq: 27 Apr 2024 14:43

Instrument :

BNA_M

ClientSampleId :

E1CY7DL

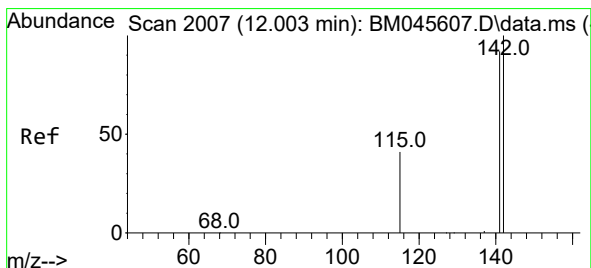
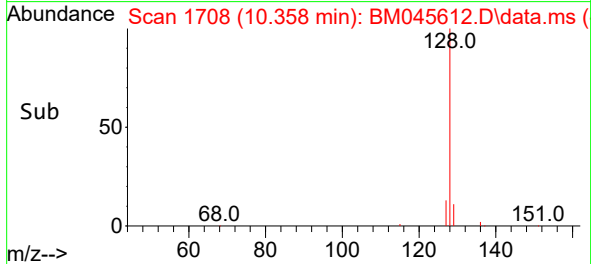
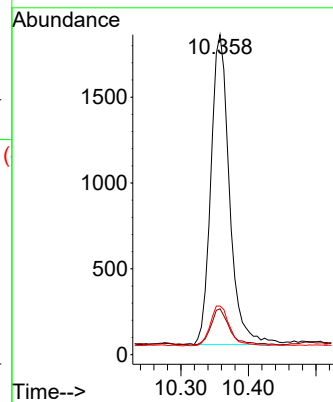
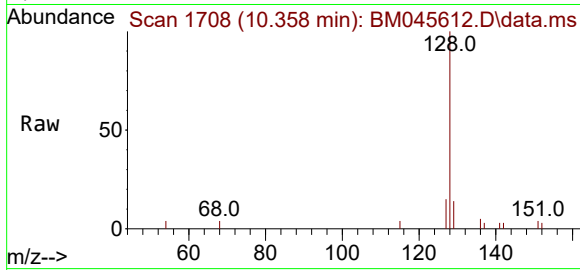
Tgt Ion:128 Resp: 3444

Ion Ratio Lower Upper

128 100

129 14.3 14.0 21.0

127 15.2 15.4 23.2#



#7

2-Methylnaphthalene

Concen: 0.446 ng/ul

RT: 11.991 min Scan# 2005

Delta R.T. -0.017 min

Lab File: BM045612.D

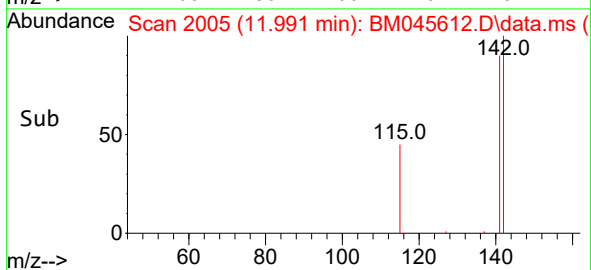
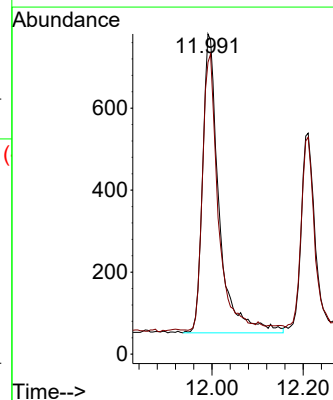
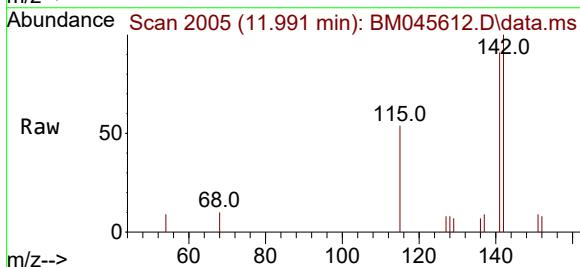
Acq: 27 Apr 2024 14:43

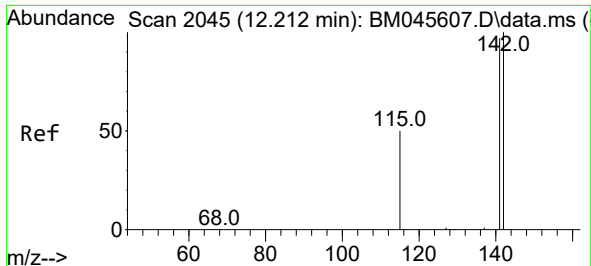
Tgt Ion:142 Resp: 1826

Ion Ratio Lower Upper

142 100

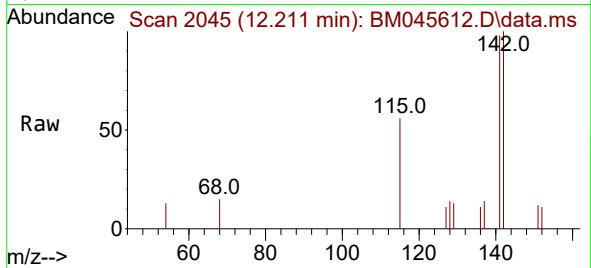
141 90.1 74.6 111.8



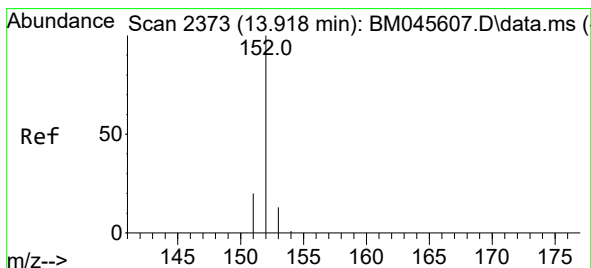
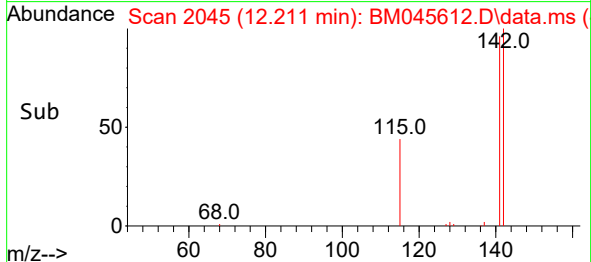
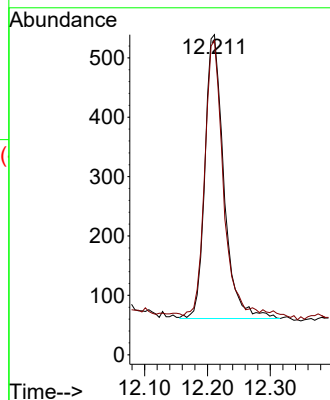


#8
1-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Instrument :
BNA_M
ClientSampleId :
E1CY7DL

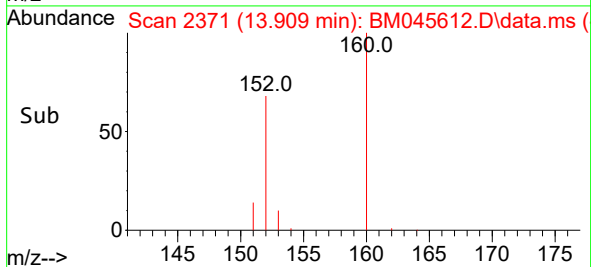
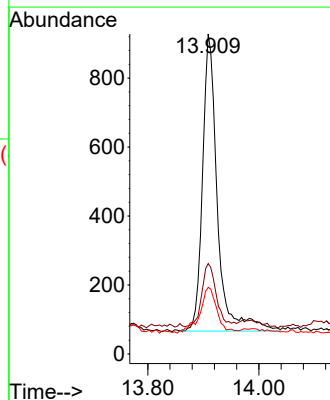
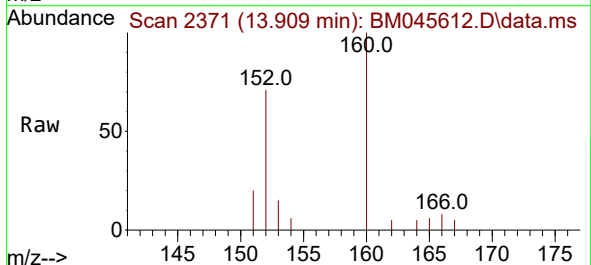


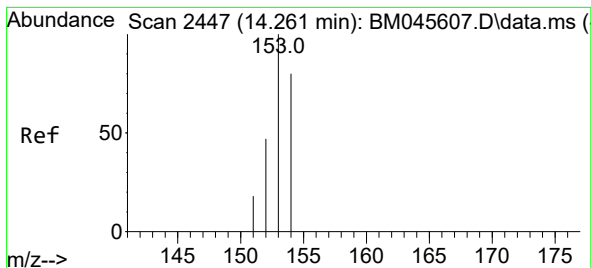
Tgt Ion:142 Resp: 996
Ion Ratio Lower Upper
142 100
141 94.9 76.1 114.1



#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.019 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Tgt Ion:152 Resp: 1601
Ion Ratio Lower Upper
152 100
151 28.2 18.6 28.0#
153 20.8 14.1 21.1





#11

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.256 min Scan# 2446

Delta R.T. -0.014 min

Lab File: BM045612.D

Acq: 27 Apr 2024 14:43

Instrument :

BNA_M

ClientSampleId :

E1CY7DL

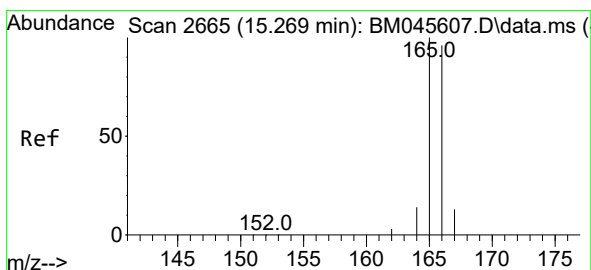
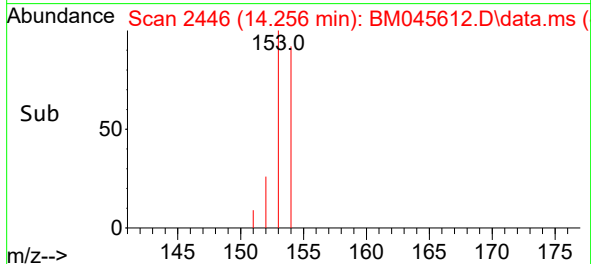
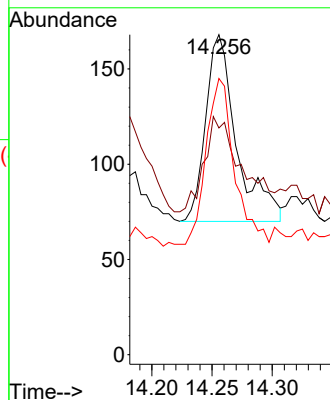
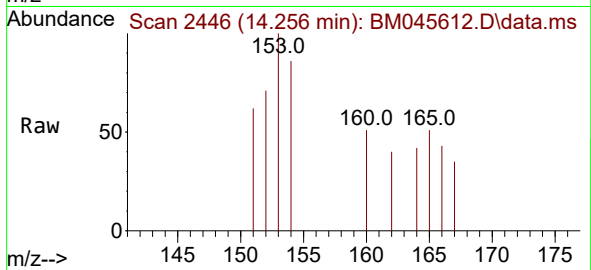
Tgt Ion:153 Resp: 175

Ion Ratio Lower Upper

153 100

152 70.8 43.4 65.2#

154 86.3 69.0 103.6



#12

Fluorene

Concen: 0.149 ng/ul

RT: 15.255 min Scan# 2662

Delta R.T. -0.023 min

Lab File: BM045612.D

Acq: 27 Apr 2024 14:43

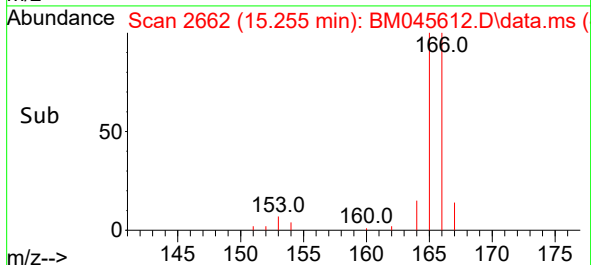
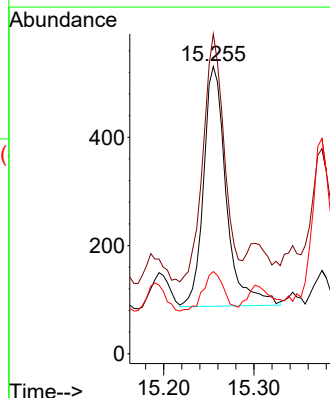
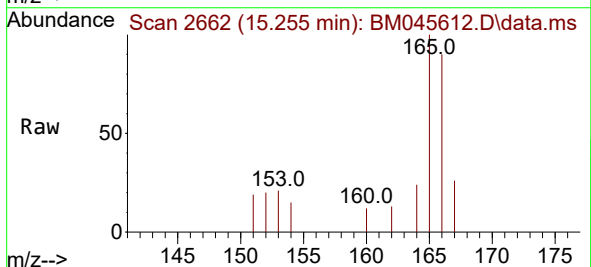
Tgt Ion:166 Resp: 776

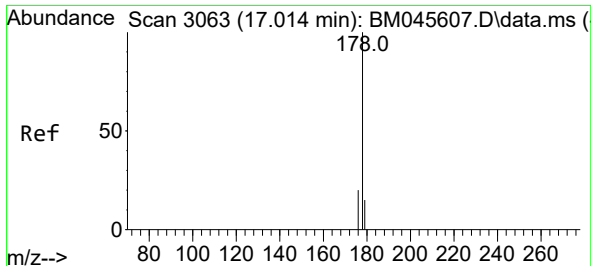
Ion Ratio Lower Upper

166 100

165 111.3 82.2 123.2

167 28.6 14.8 22.2#

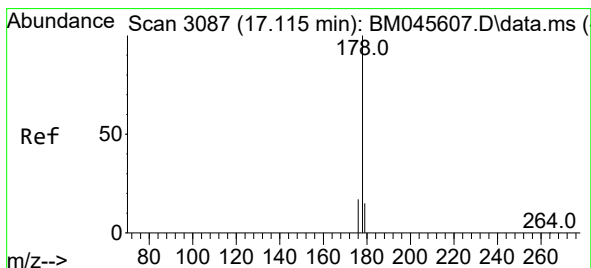
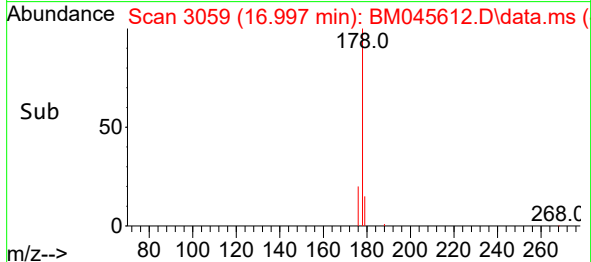
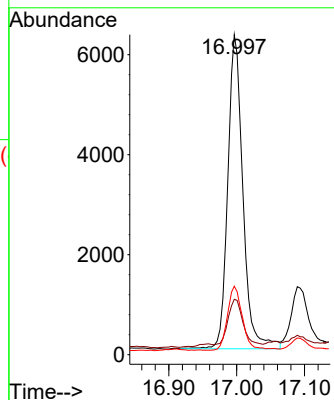
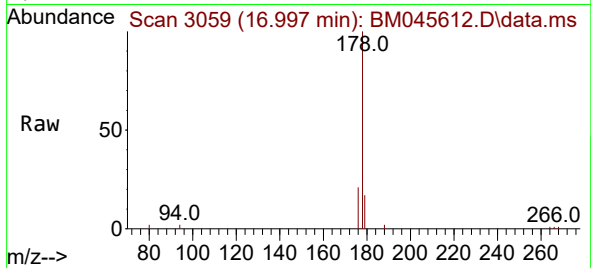




#15
Phenanthrene
Concen: 1.310 ng/ul
RT: 16.997 min Scan# 3059
Delta R.T. -0.025 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

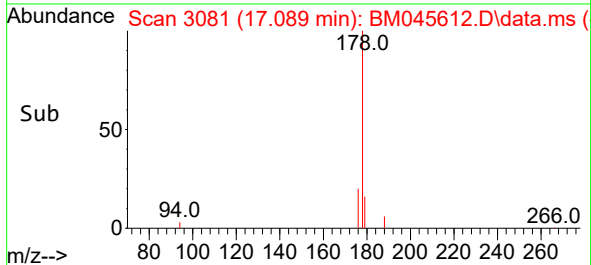
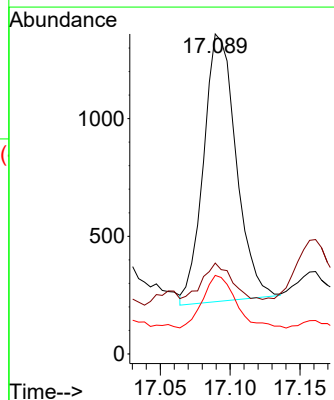
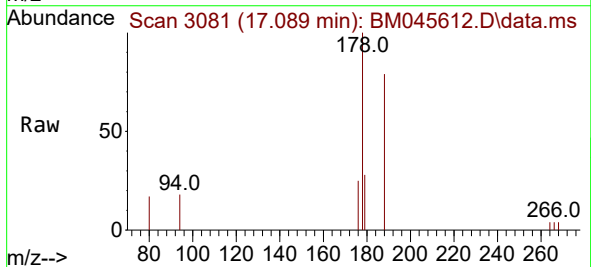
Instrument :
BNA_M
ClientSampleId :
E1CY7DL

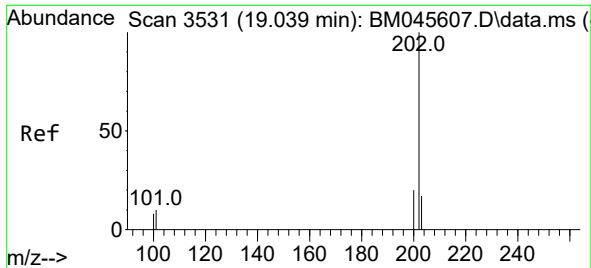
Tgt Ion:178 Resp: 9761
Ion Ratio Lower Upper
178 100
179 17.3 15.4 23.2
176 21.4 19.0 28.4



#16
Anthracene
Concen: 0.264 ng/ul
RT: 17.089 min Scan# 3081
Delta R.T. -0.030 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Tgt Ion:178 Resp: 1843
Ion Ratio Lower Upper
178 100
179 28.4 17.8 26.6#
176 24.6 18.7 28.1

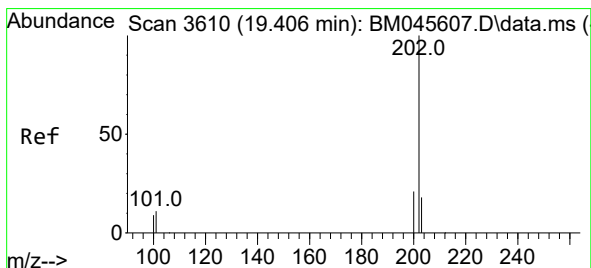
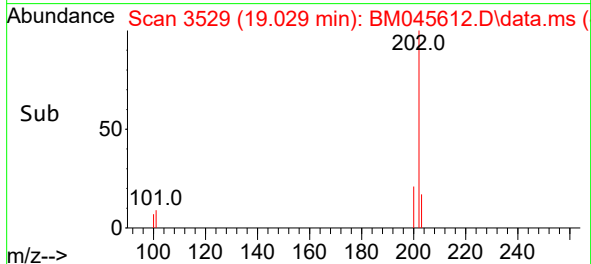
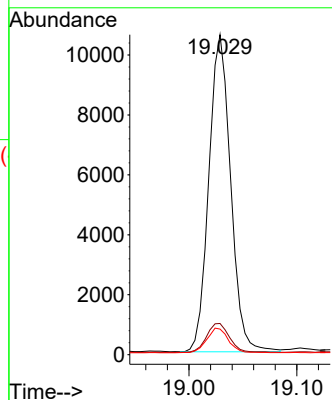
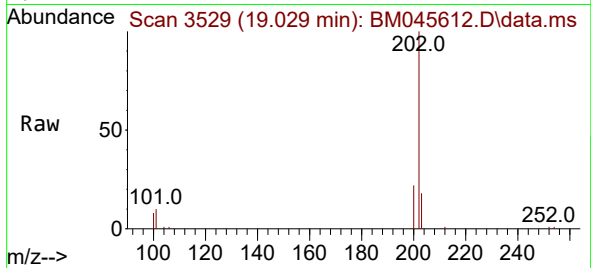




#19
Fluoranthene
Concen: 1.511 ng/ul
RT: 19.029 min Scan# 3529
Delta R.T. -0.019 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

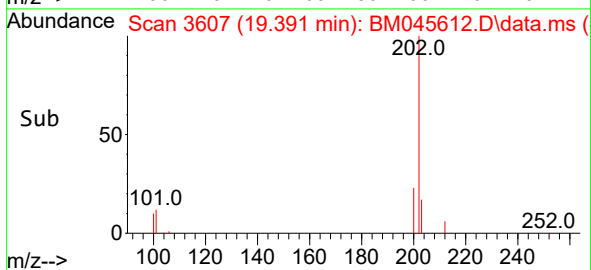
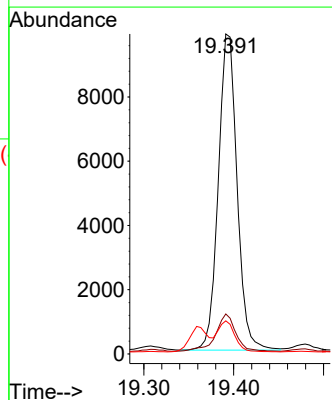
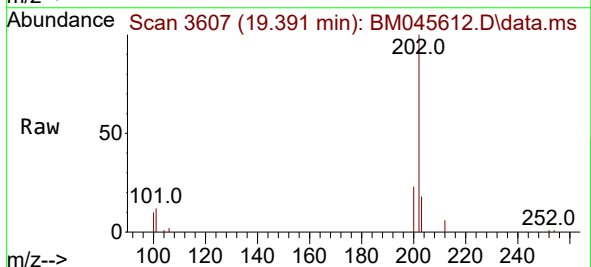
Instrument :
BNA_M
ClientSampleId :
E1CY7DL

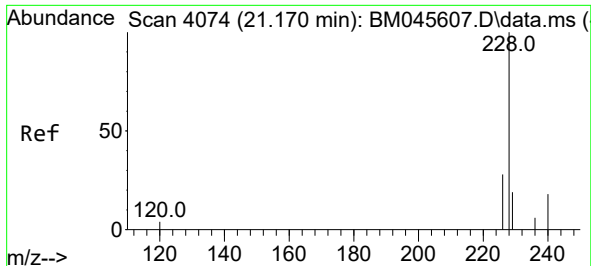
Tgt Ion:202 Resp: 14899
Ion Ratio Lower Upper
202 100
101 9.7 11.2 16.8#
100 8.0 9.1 13.7#



#20
Pyrene
Concen: 1.407 ng/ul
RT: 19.391 min Scan# 3607
Delta R.T. -0.023 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

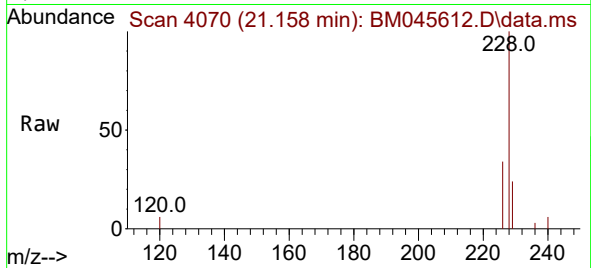
Tgt Ion:202 Resp: 14256
Ion Ratio Lower Upper
202 100
101 12.5 11.5 17.3
100 10.3 10.6 15.8#



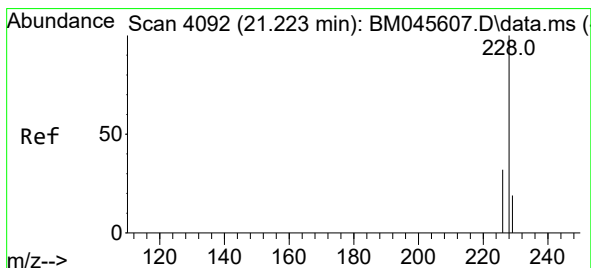
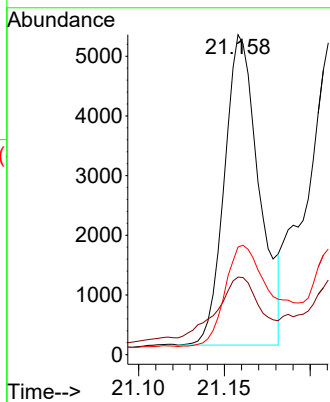
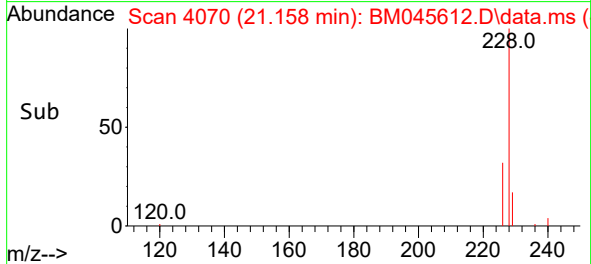


#21
Benzo(a)anthracene
Concen: 1.072 ng/ul
RT: 21.158 min Scan# 4070
Delta R.T. -0.023 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Instrument :
BNA_M
ClientSampleId :
E1CY7DL

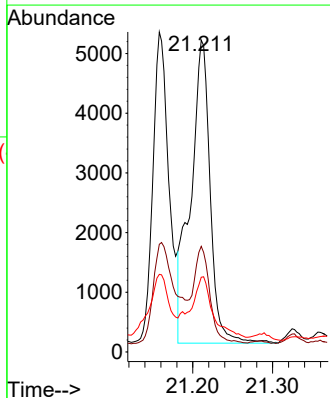
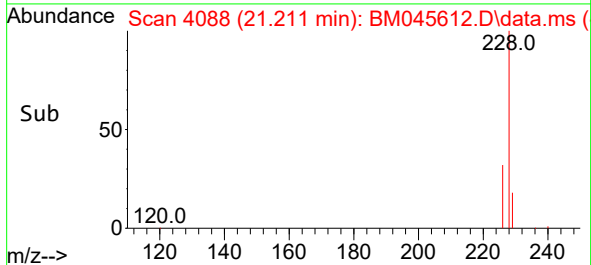
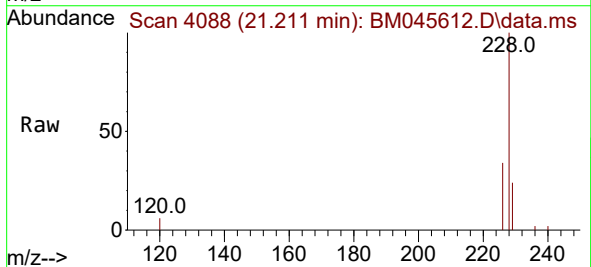


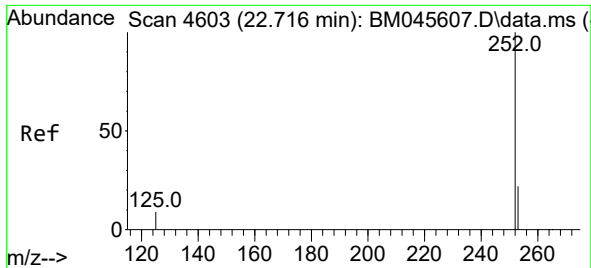
Tgt Ion:228 Resp: 7321
Ion Ratio Lower Upper
228 100
229 24.2 19.4 29.2
226 33.6 26.3 39.5



#22
Chrysene
Concen: 0.825 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Tgt Ion:228 Resp: 8657
Ion Ratio Lower Upper
228 100
226 33.8 26.3 39.5
229 23.9 17.8 26.8

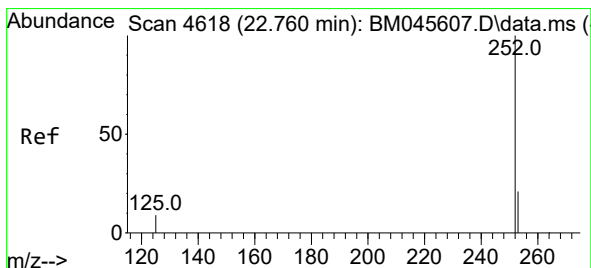
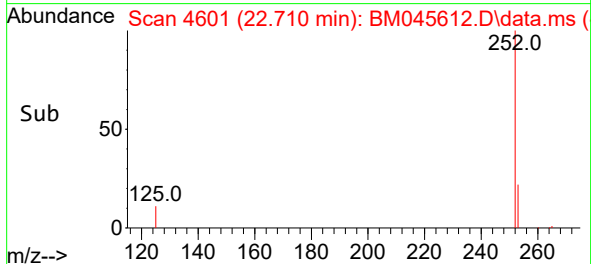
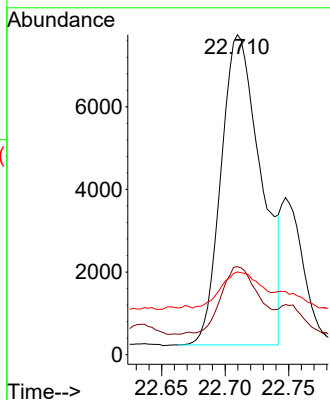
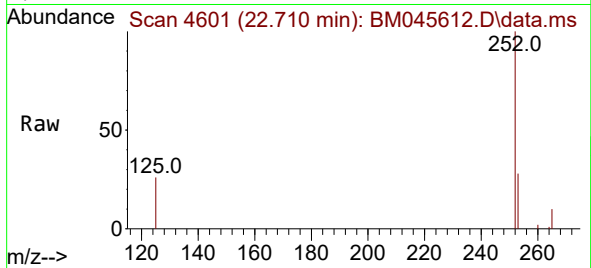




#24
Benzo(b)fluoranthene
Concen: 1.441 ng/ul
RT: 22.710 min Scan# 4601
Delta R.T. -0.020 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

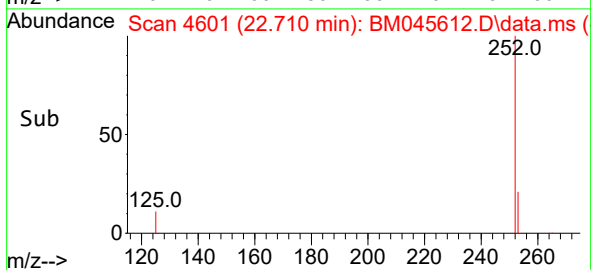
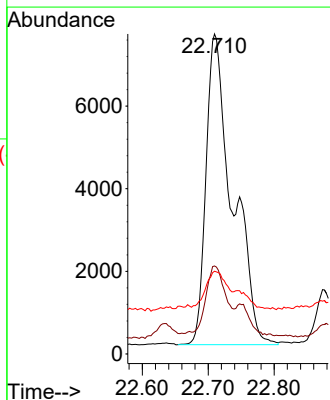
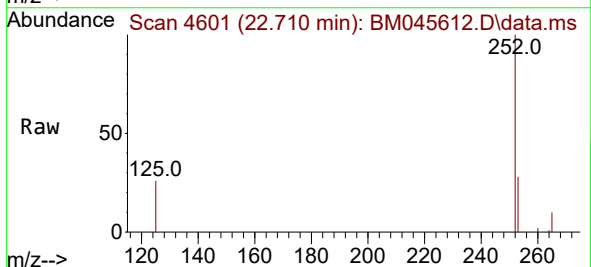
Instrument :
BNA_M
ClientSampleId :
E1CY7DL

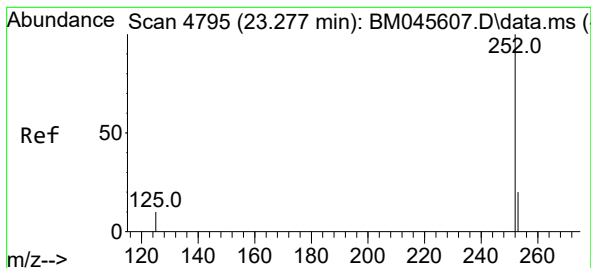
Tgt Ion:252 Resp: 16410
Ion Ratio Lower Upper
252 100
253 27.5 0.0 63.4
125 25.8 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 1.457 ng/ul
RT: 22.710 min Scan# 4601
Delta R.T. -0.061 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Tgt Ion:252 Resp: 20957
Ion Ratio Lower Upper
252 100
253 27.5 25.4 38.0
125 25.8 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.833 ng/ul

RT: 23.262 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM045612.D

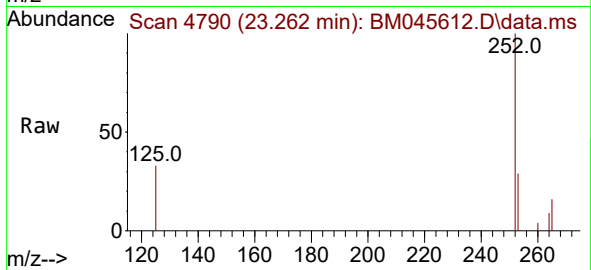
Acq: 27 Apr 2024 14:43

Instrument :

BNA_M

ClientSampleId :

E1CY7DL



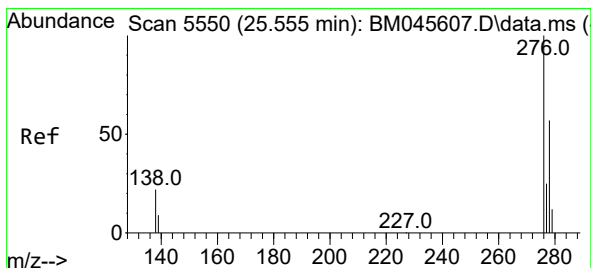
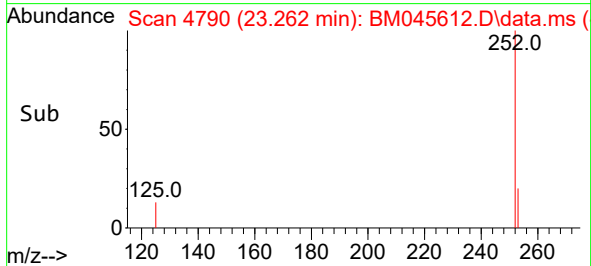
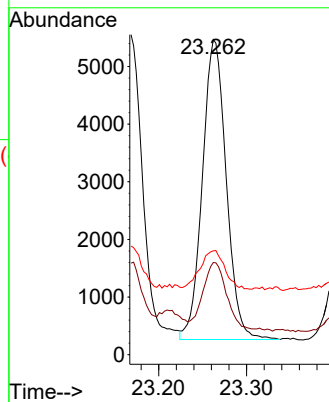
Tgt Ion:252 Resp: 9837

Ion Ratio Lower Upper

252 100

253 29.2 31.6 47.4#

125 33.0 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.586 ng/ul

RT: 25.538 min Scan# 5545

Delta R.T. -0.034 min

Lab File: BM045612.D

Acq: 27 Apr 2024 14:43

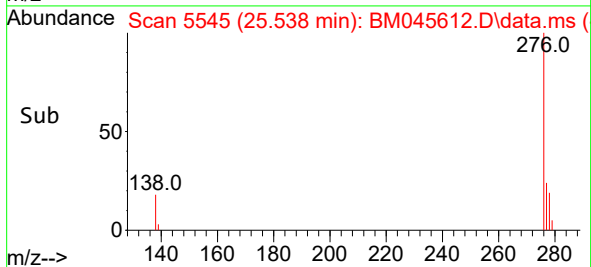
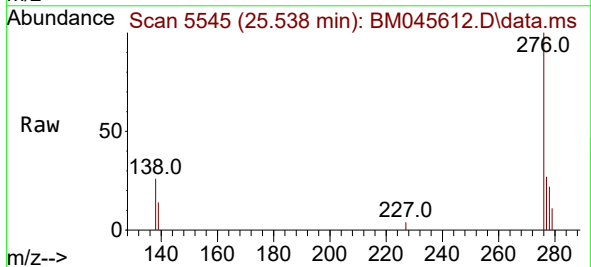
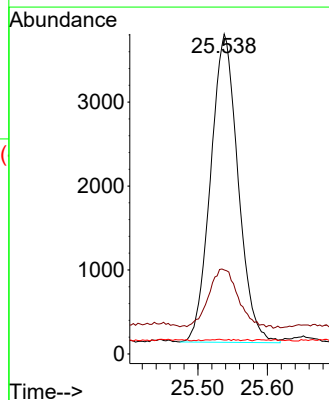
Tgt Ion:276 Resp: 10061

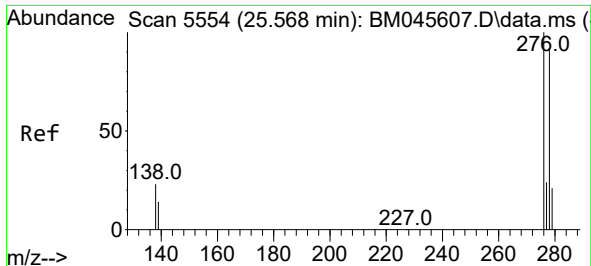
Ion Ratio Lower Upper

276 100

138 20.1 19.8 29.6

227 0.1 0.2 0.2#

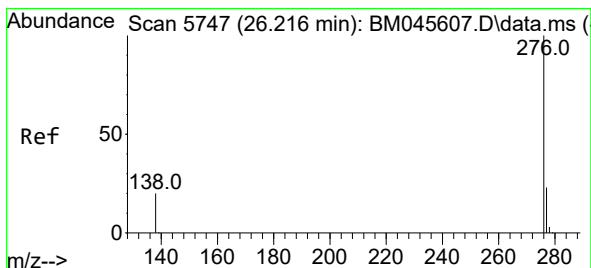
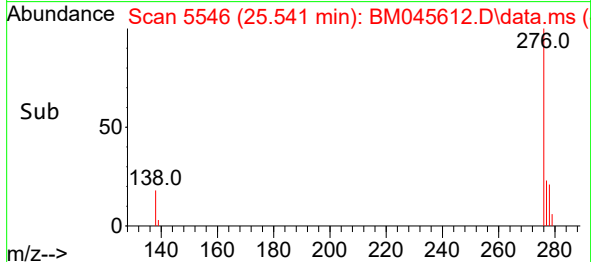
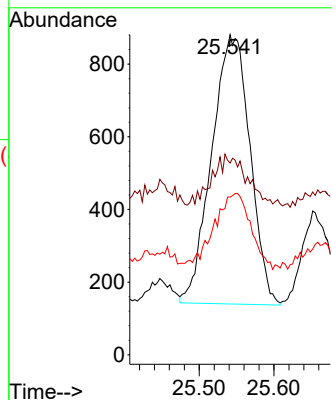
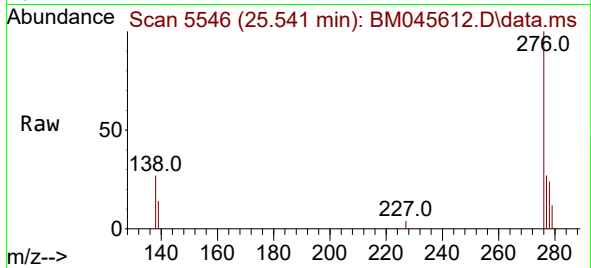




#28
Dibenzo(a,h)anthracene
Concen: 0.194 ng/ul
RT: 25.541 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Instrument :
BNA_M
ClientSampleId :
E1CY7DL

Tgt Ion:278 Resp: 2637
Ion Ratio Lower Upper
278 100
139 59.9 19.0 28.6#
279 49.3 29.4 44.2#



#29
Benzo(g,h,i)perylene
Concen: 0.721 ng/ul
RT: 26.205 min Scan# 5744
Delta R.T. -0.030 min
Lab File: BM045612.D
Acq: 27 Apr 2024 14:43

Tgt Ion:276 Resp: 11118
Ion Ratio Lower Upper
276 100
138 26.7 20.8 31.2
277 26.8 21.8 32.8

