

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121824\
 Data File : BM049054.D
 Acq On : 18 Dec 2024 18:01
 Operator : RC/JU
 Sample : P5155-16DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28W1DL

Quant Time: Dec 19 01:35:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

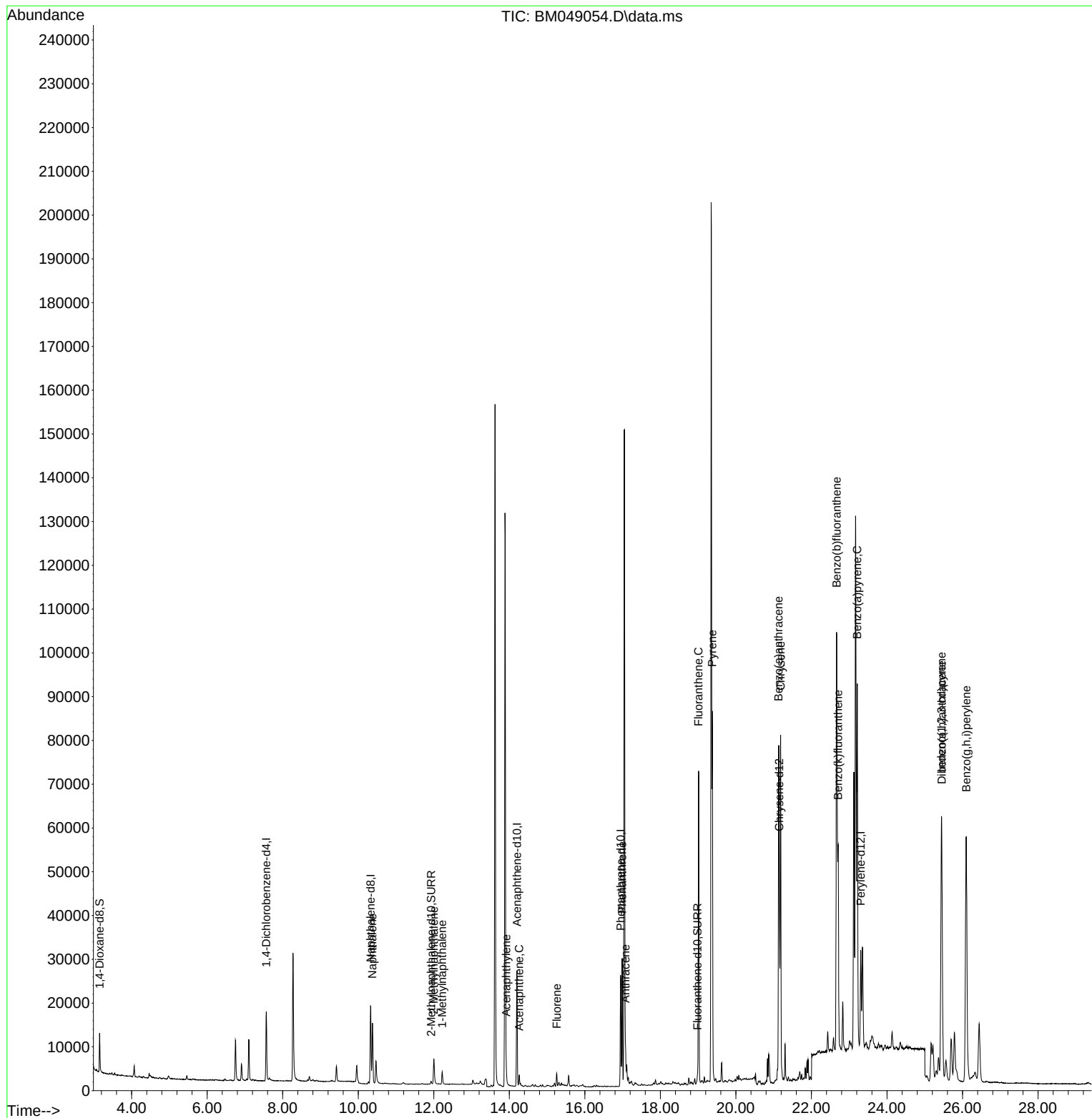
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.565	152	8247	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	24930	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.200	164	14373	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	30017	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	25389	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	26524m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5230	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	1124	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.982	212	2142	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	19329	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	5328	0.135	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	2133	0.053	ng/ul	98
10) Acenaphthylene	13.918	152	2840	0.048	ng/ul#	90
11) Acenaphthene	14.260	153	1579	0.036	ng/ul	95
12) Fluorene	15.255	166	1873	0.038	ng/ul#	91
15) Phenanthrene	16.988	178	29016	0.370	ng/ul	100
16) Anthracene	17.077	178	5241	0.073	ng/ul#	94
19) Fluoranthene	19.010	202	62478	0.681	ng/ul	99
20) Pyrene	19.373	202	72614	0.742	ng/ul	99
21) Benzo(a)anthracene	21.132	228	60326	0.683	ng/ul	99
22) Chrysene	21.184	228	77204	0.815	ng/ul	97
24) Benzo(b)fluoranthene	22.666	252	150287m	1.774	ng/ul	
25) Benzo(k)fluoranthene	22.707	252	50085m	0.539	ng/ul	
26) Benzo(a)pyrene	23.212	252	109041m	1.342	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.444	276	97328	0.846	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.451	278	20875	0.234	ng/ul	95
29) Benzo(g,h,i)perylene	26.098	276	110017	1.190	ng/ul	97

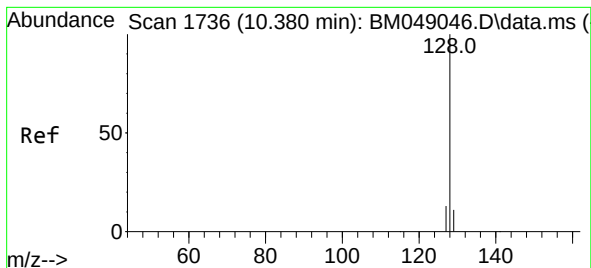
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121824\
Data File : BM049054.D
Acq On : 18 Dec 2024 18:01
Operator : RC/JU
Sample : P5155-16DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28W1DL

Quant Time: Dec 19 01:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.310 ng/ul

RT: 10.374 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM049054.D

Acq: 18 Dec 2024 18:01

Instrument :

BNA_M

ClientSampleId :

E28W1DL

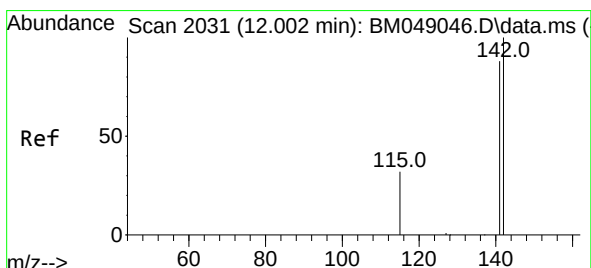
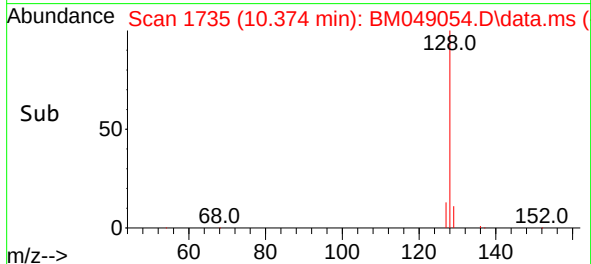
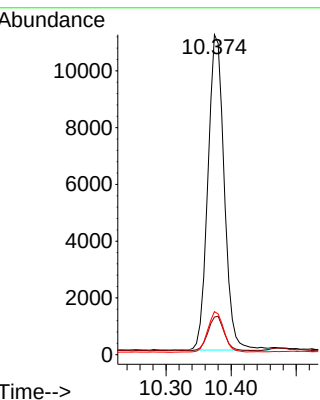
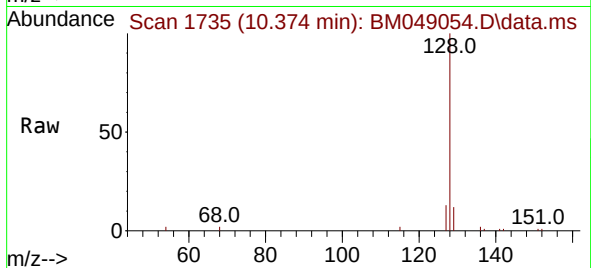
Tgt Ion:128 Resp: 19329

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

127 13.4 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.135 ng/ul

RT: 12.002 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BM049054.D

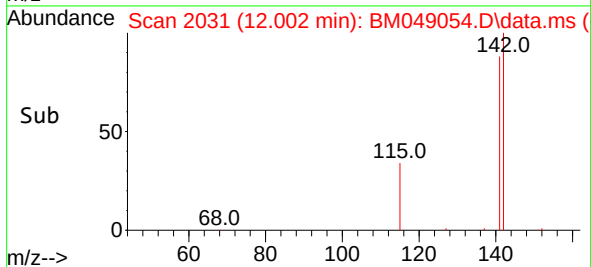
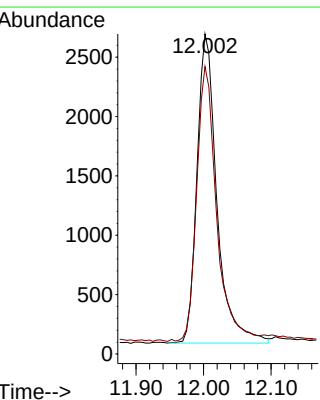
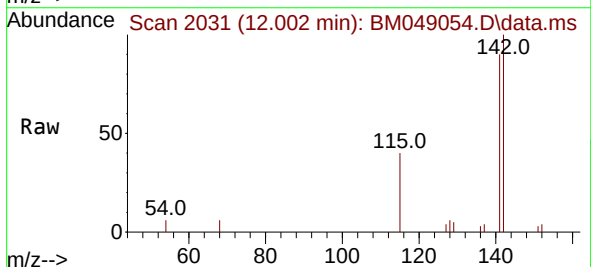
Acq: 18 Dec 2024 18:01

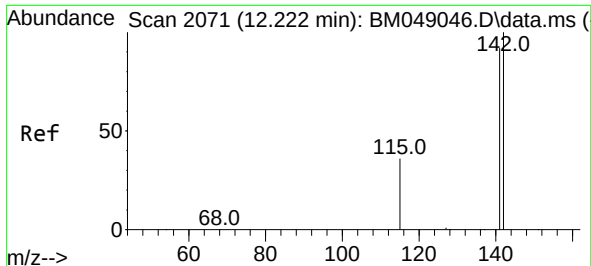
Tgt Ion:142 Resp: 5328

Ion Ratio Lower Upper

142 100

141 92.3 71.7 107.5

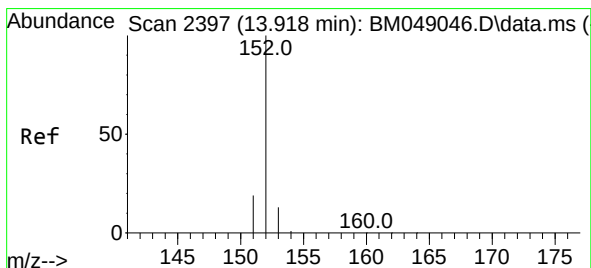
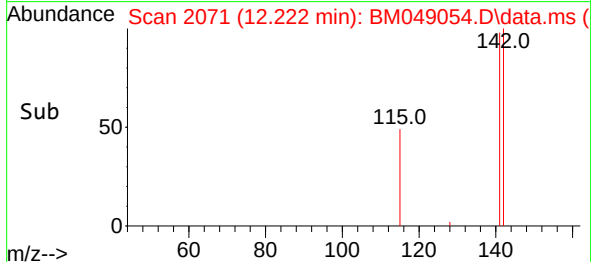
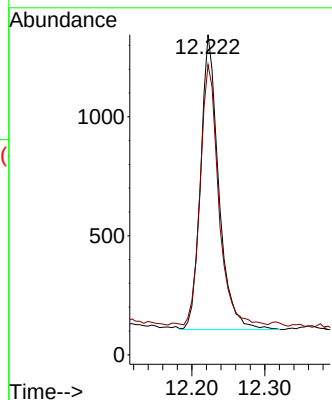
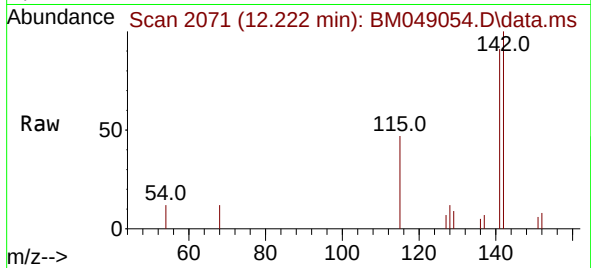




#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.222 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

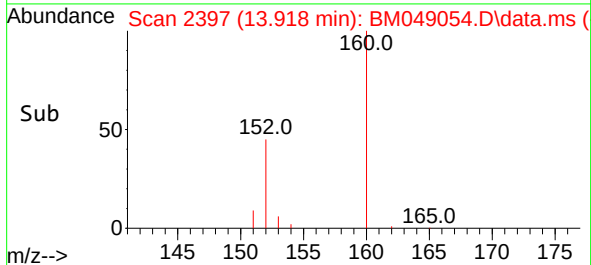
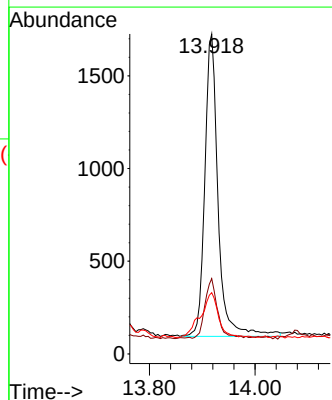
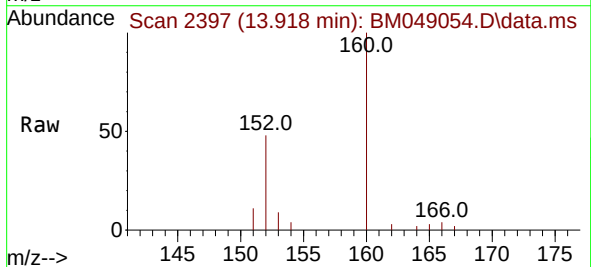
Instrument :
BNA_M
ClientSampleId :
E28W1DL

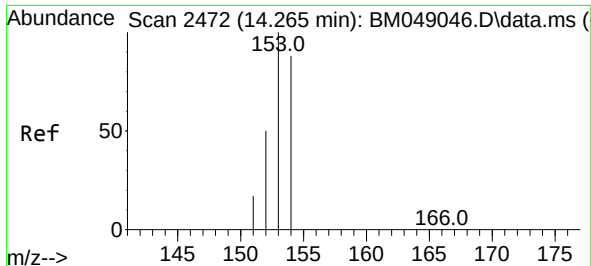
Tgt Ion:142 Resp: 2133
Ion Ratio Lower Upper
142 100
141 89.2 72.7 109.1



#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 13.918 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Tgt Ion:152 Resp: 2840
Ion Ratio Lower Upper
152 100
151 23.5 16.0 24.0
153 19.1 11.0 16.6#

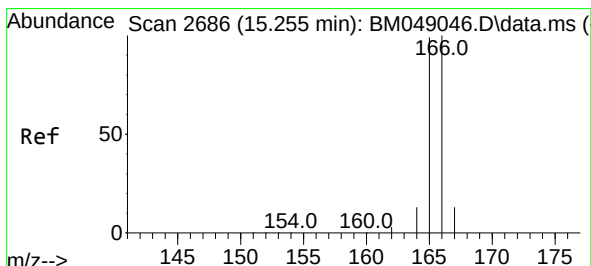
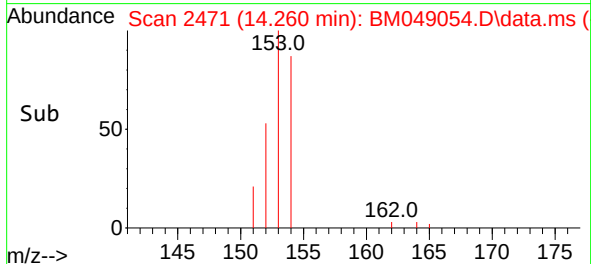
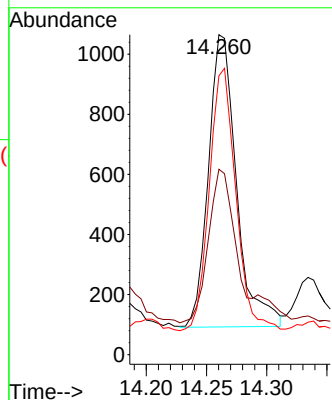
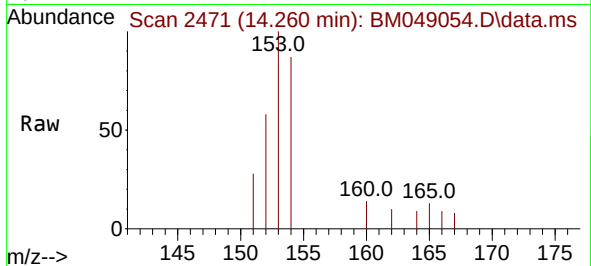




#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.260 min Scan# 2472
Delta R.T. -0.005 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

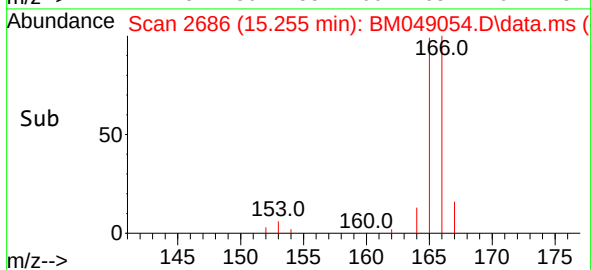
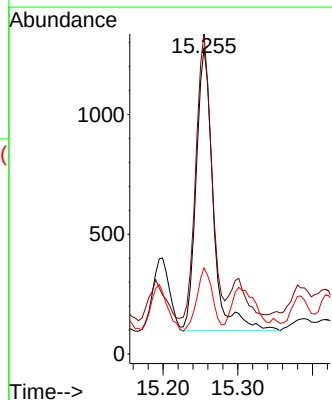
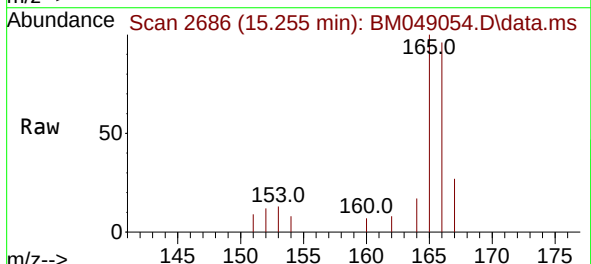
Instrument :
BNA_M
ClientSampleId :
E28W1DL

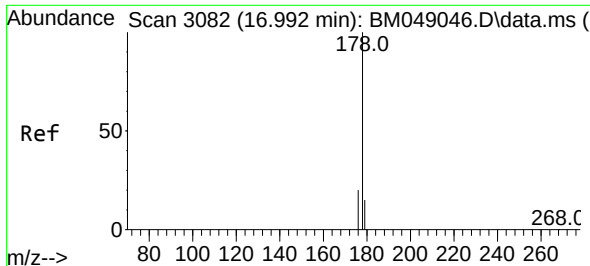
Tgt Ion:153 Resp: 1579
Ion Ratio Lower Upper
153 100
152 57.9 40.7 61.1
154 87.1 70.8 106.2



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.255 min Scan# 2686
Delta R.T. 0.000 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

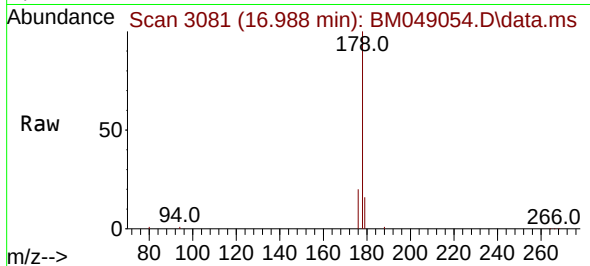
Tgt Ion:166 Resp: 1873
Ion Ratio Lower Upper
166 100
165 104.7 79.7 119.5
167 28.2 11.4 17.0#



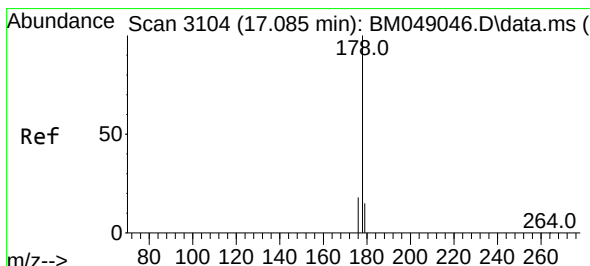
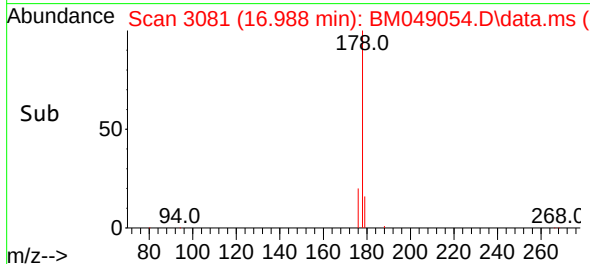
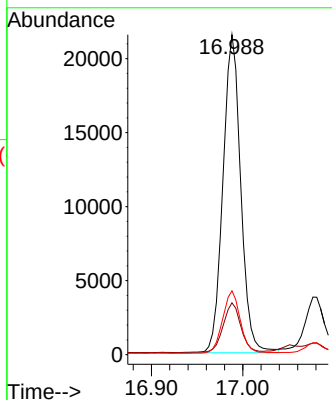


#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 16.988 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Instrument :
BNA_M
ClientSampleId :
E28W1DL

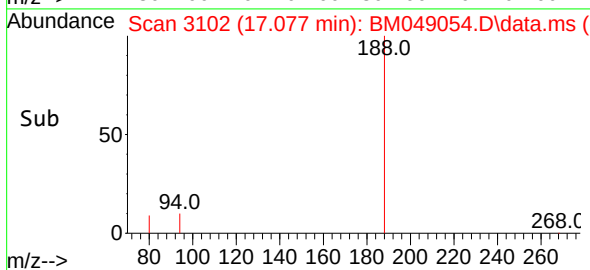
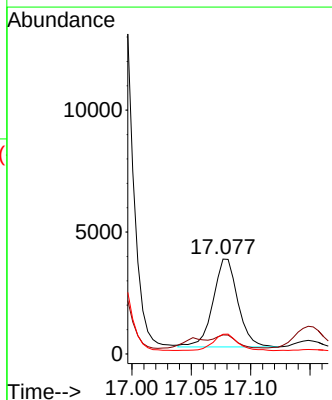
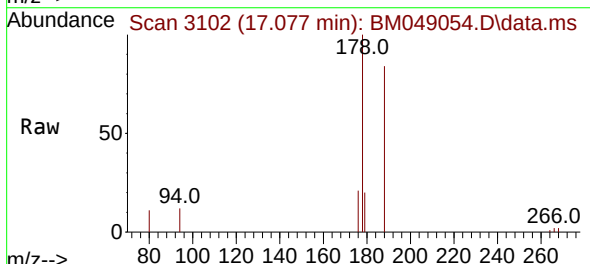


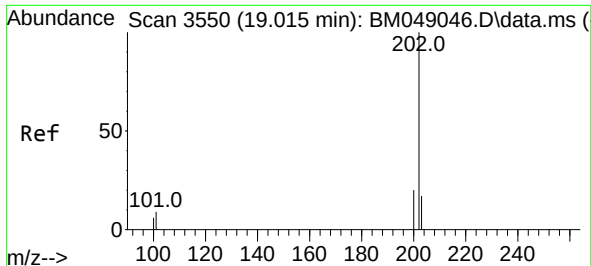
Tgt Ion:178 Resp: 29016
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Tgt Ion:178 Resp: 5241
Ion Ratio Lower Upper
178 100
179 20.0 12.9 19.3#
176 20.7 15.3 22.9

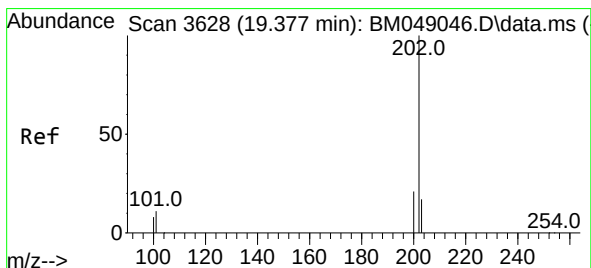
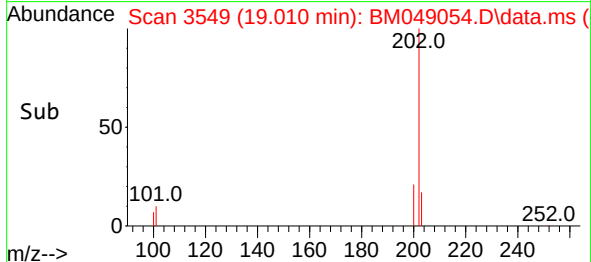
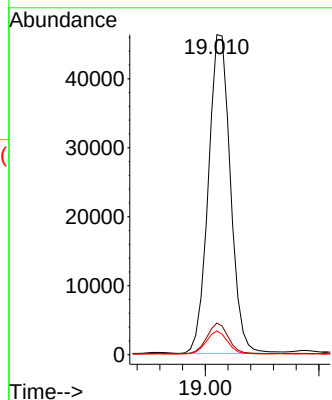
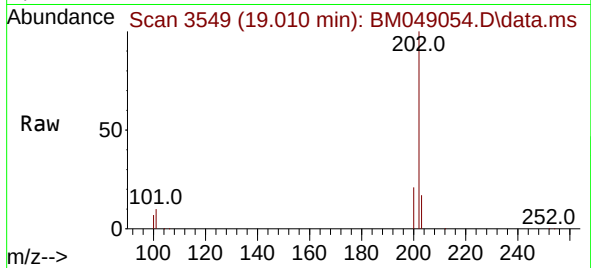




#19
Fluoranthene
Concen: 0.681 ng/ul
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

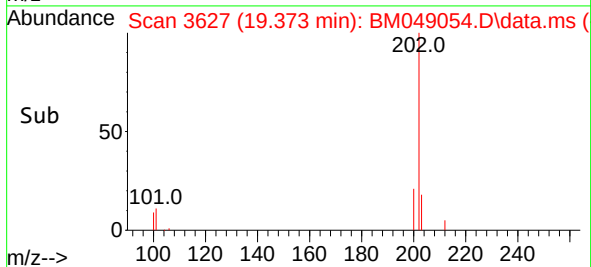
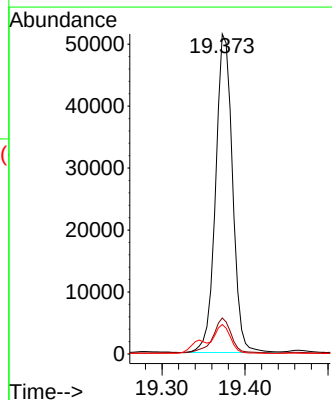
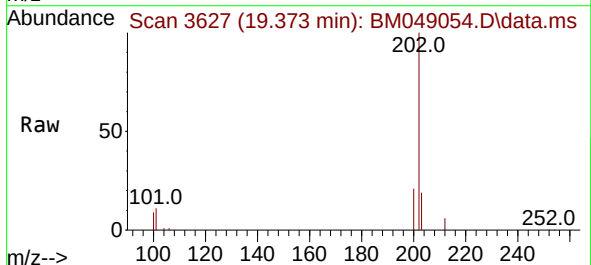
Instrument :
BNA_M
ClientSampleId :
E28W1DL

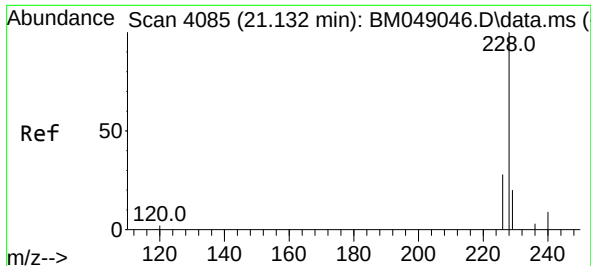
Tgt Ion:202 Resp: 62478
Ion Ratio Lower Upper
202 100
101 9.9 7.6 11.4
100 7.4 5.5 8.3



#20
Pyrene
Concen: 0.742 ng/ul
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Tgt Ion:202 Resp: 72614
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 9.2 6.9 10.3

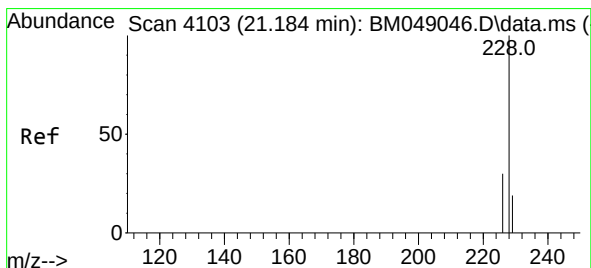
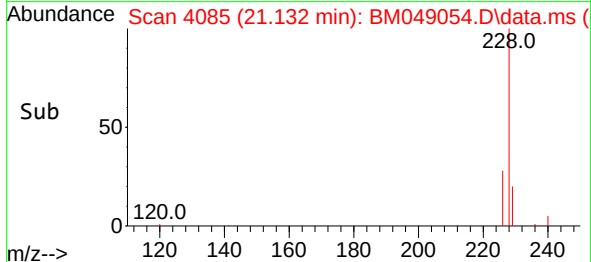
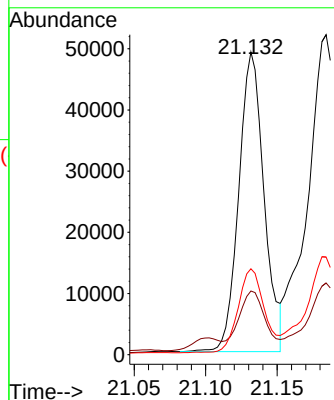
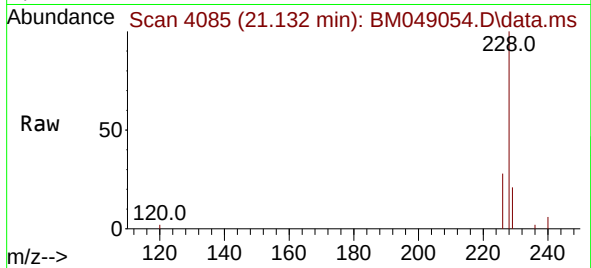




#21
Benzo(a)anthracene
Concen: 0.683 ng/ul
RT: 21.132 min Scan# 4085
Delta R.T. 0.000 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

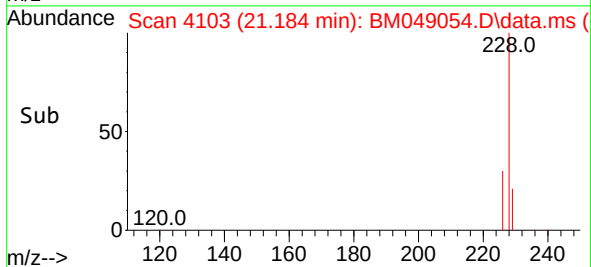
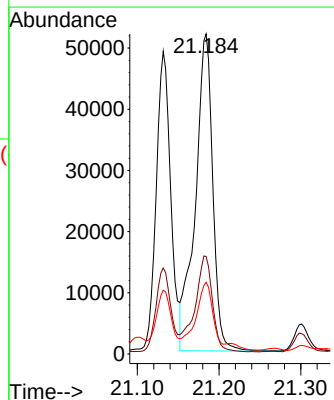
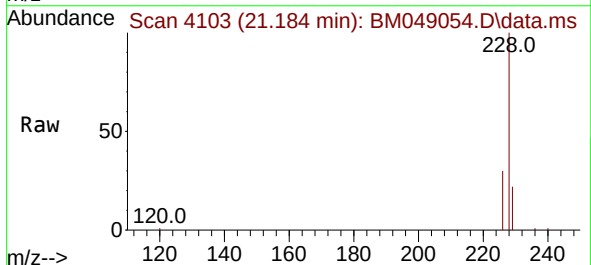
Instrument :
BNA_M
ClientSampleId :
E28W1DL

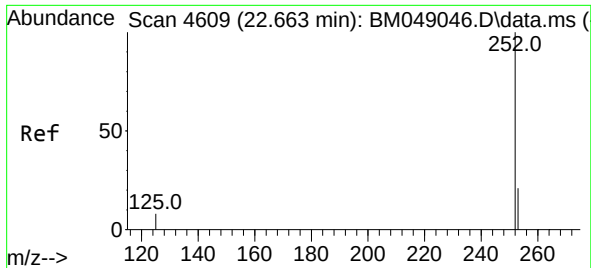
Tgt Ion:228 Resp: 60326
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 28.4 22.6 34.0



#22
Chrysene
Concen: 0.815 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. 0.000 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Tgt Ion:228 Resp: 77204
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.4 15.8 23.8

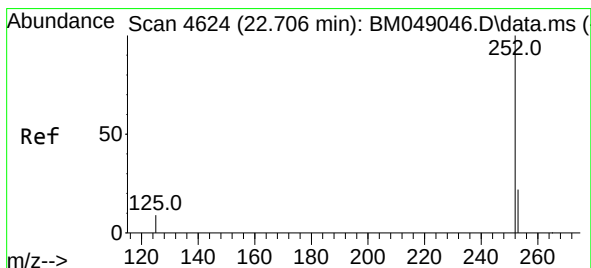
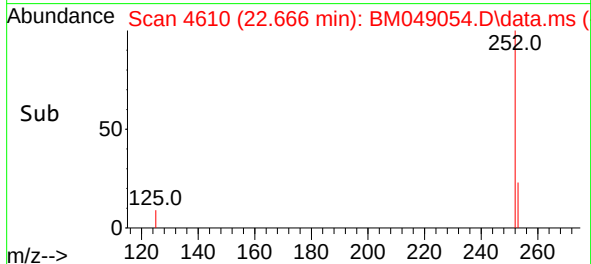
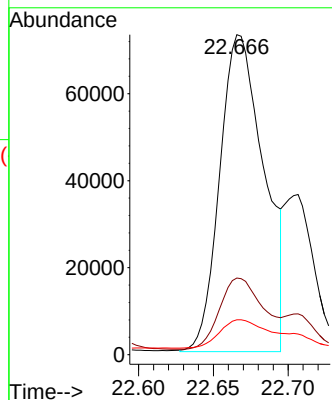
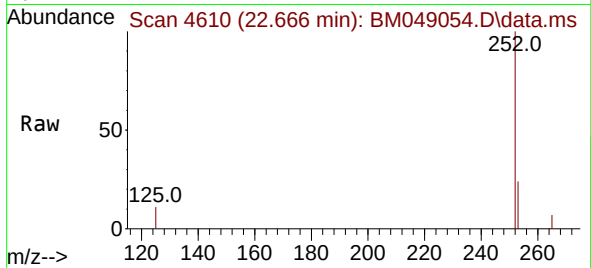




#24
Benzo(b)fluoranthene
Concen: 1.774 ng/ul m
RT: 22.666 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

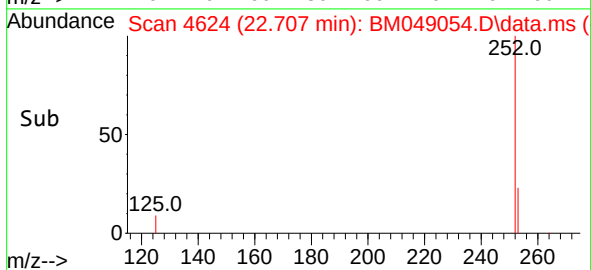
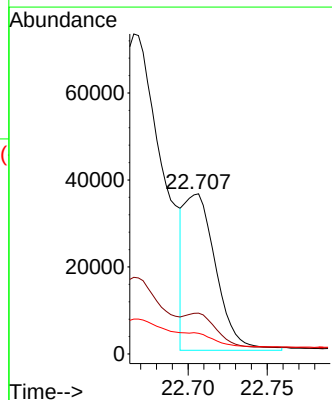
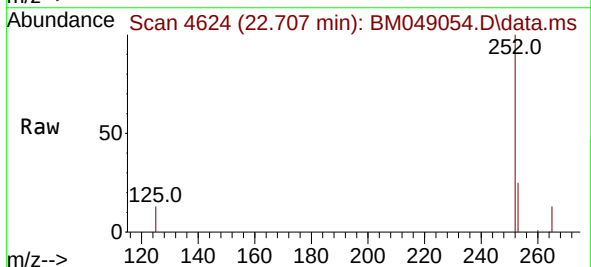
Instrument :
BNA_M
ClientSampleId :
E28W1DL

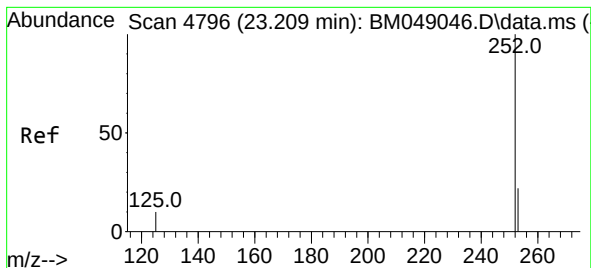
Tgt Ion:252 Resp: 150287
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.6
125 10.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.539 ng/ul m
RT: 22.707 min Scan# 4624
Delta R.T. 0.000 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Tgt Ion:252 Resp: 50085
Ion Ratio Lower Upper
252 100
253 25.5 21.3 31.9
125 12.9 12.6 18.8





#26

Benzo(a)pyrene

Concen: 1.342 ng/ul m

RT: 23.212 min Scan# 4

Delta R.T. 0.003 min

Lab File: BM049054.D

Acq: 18 Dec 2024 18:01

Instrument :

BNA_M

ClientSampleId :

E28W1DL

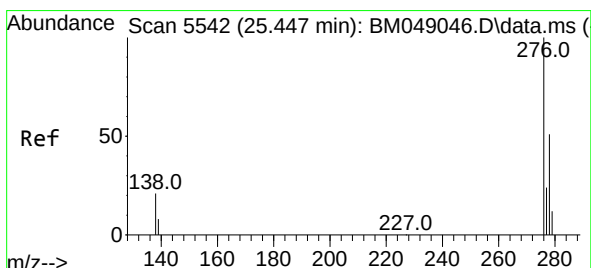
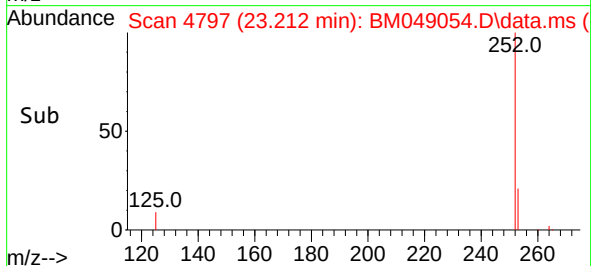
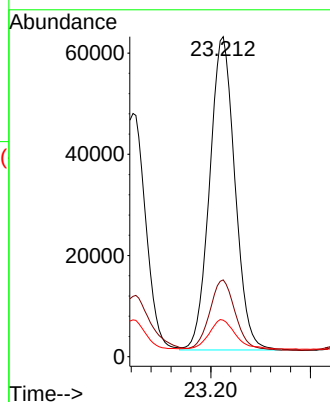
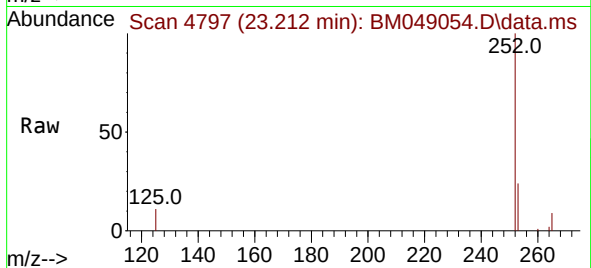
Tgt Ion:252 Resp: 109041

Ion Ratio Lower Upper

252 100

253 24.0 22.4 33.6

125 11.4 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.846 ng/ul

RT: 25.444 min Scan# 5541

Delta R.T. -0.003 min

Lab File: BM049054.D

Acq: 18 Dec 2024 18:01

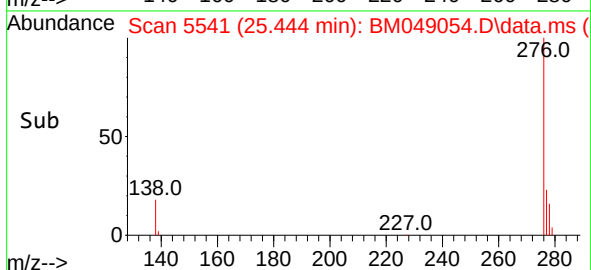
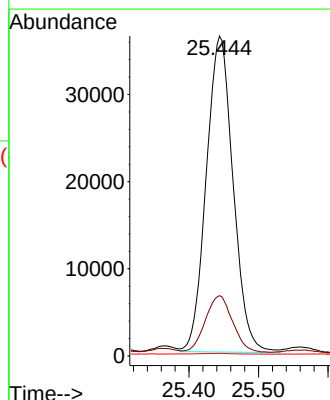
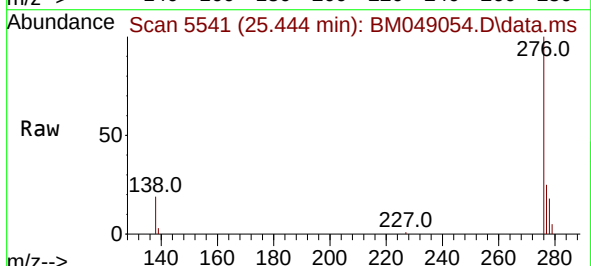
Tgt Ion:276 Resp: 97328

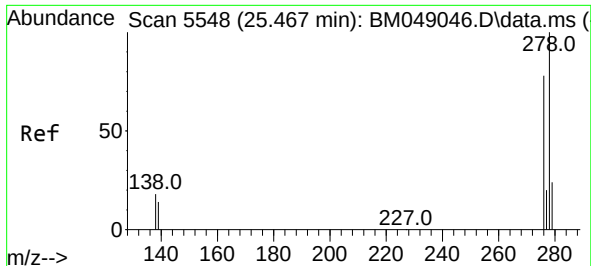
Ion Ratio Lower Upper

276 100

138 18.2 17.4 26.2

227 0.3 0.2 0.2#

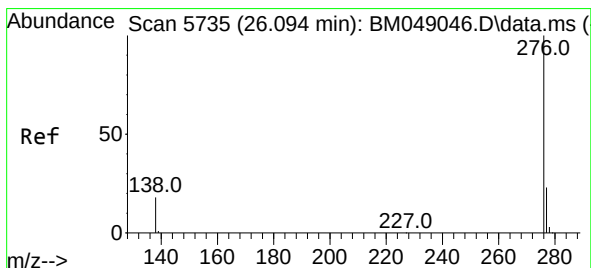
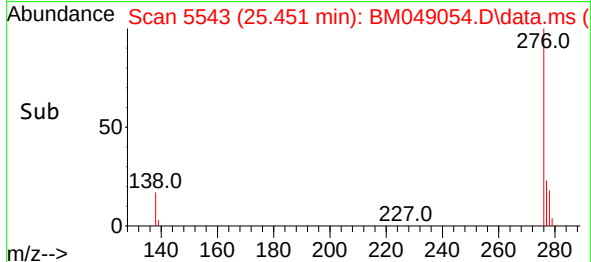
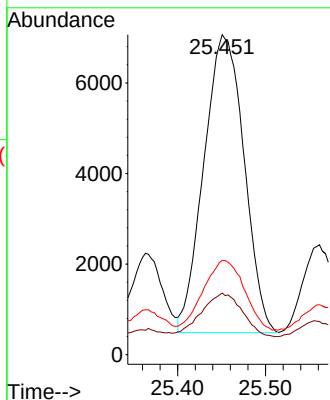
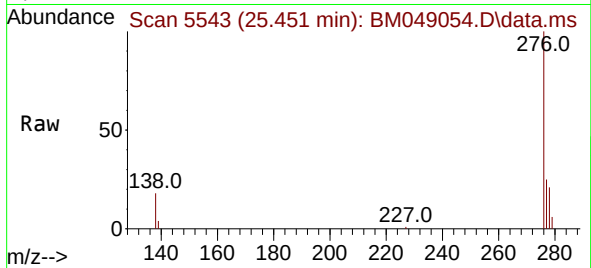




#28
Dibenzo(a,h)anthracene
Concen: 0.234 ng/ul
RT: 25.451 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Instrument :
BNA_M
ClientSampleId :
E28W1DL

Tgt Ion:278 Resp: 20875
Ion Ratio Lower Upper
278 100
139 19.2 13.5 20.3
279 29.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 1.190 ng/ul
RT: 26.098 min Scan# 5736
Delta R.T. 0.003 min
Lab File: BM049054.D
Acq: 18 Dec 2024 18:01

Tgt Ion:276 Resp: 110017
Ion Ratio Lower Upper
276 100
138 19.0 16.7 25.1
277 24.1 19.9 29.9

