

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049034.D
 Acq On : 17 Dec 2024 23:00
 Operator : RC/JU
 Sample : P5155-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Q9

Quant Time: Dec 18 02:29:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

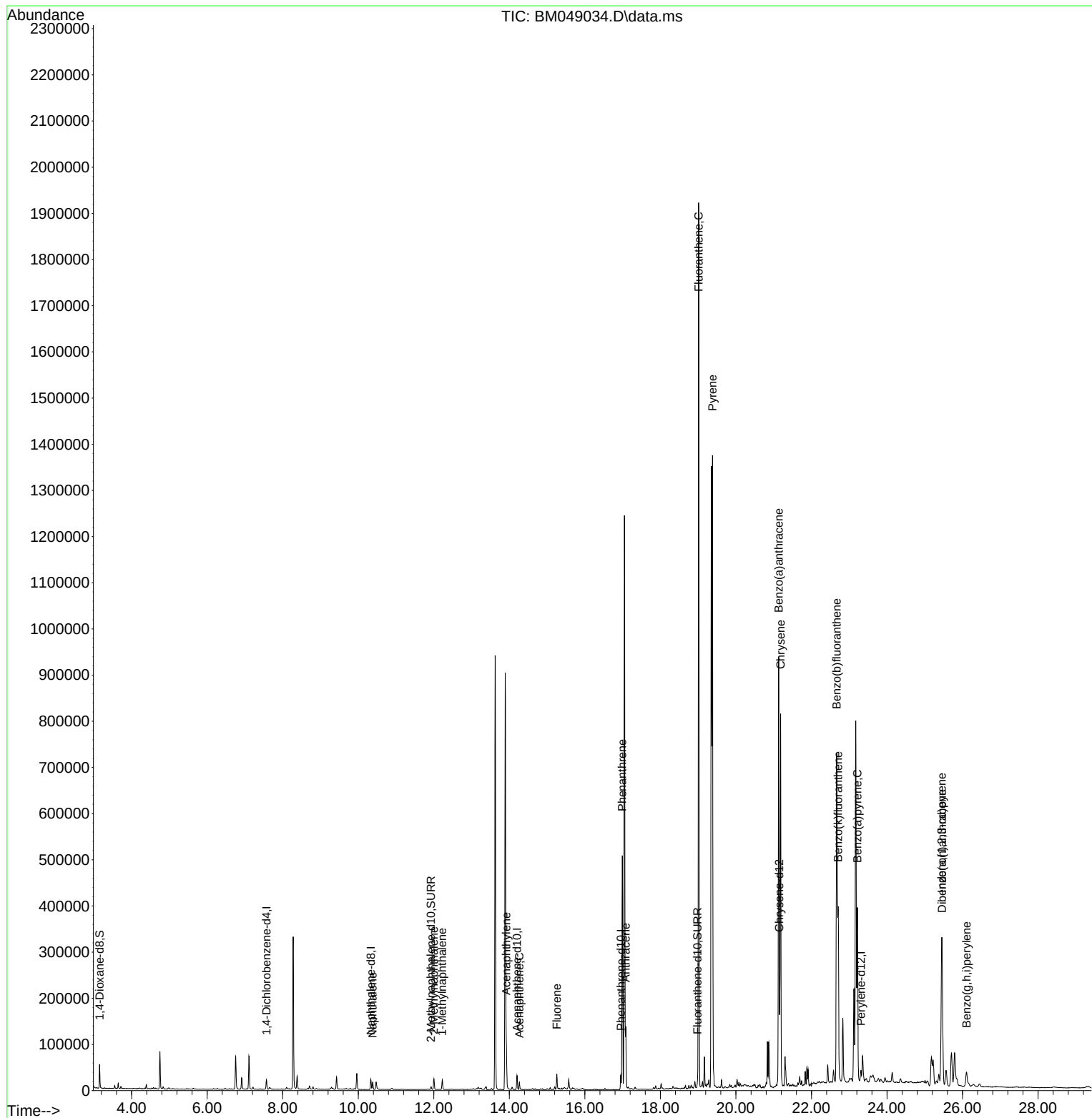
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	9119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	28397	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	16136	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	35472m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	24861m	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	28374m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	28496	2.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	7879	0.218	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	17819m	0.240	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.381	128	19623	0.270	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	16791	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	14187	0.313	ng/ul	99
10) Acenaphthylene	13.919	152	110809	1.626	ng/ul	98
11) Acenaphthene	14.266	153	9248	0.179	ng/ul	99
12) Fluorene	15.256	166	20159	0.352	ng/ul	97
15) Phenanthrene	16.989	178	520393m	5.352	ng/ul	
16) Anthracene	17.082	178	129222m	1.491	ng/ul	
19) Fluoranthene	19.011	202	1639621m	15.903	ng/ul	
20) Pyrene	19.379	202	1123063m	10.106	ng/ul	
21) Benzo(a)anthracene	21.131	228	758000m	8.665	ng/ul	
22) Chrysene	21.184	228	766046m	7.739	ng/ul	
24) Benzo(b)fluoranthene	22.668	252	1153028m	11.759	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	414866m	3.658	ng/ul	
26) Benzo(a)pyrene	23.215	252	485484m	5.354	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.450	276	465275m	3.653	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	140331m	1.416	ng/ul	
29) Benzo(g,h,i)perylene	26.104	276	67969m	0.663	ng/ul	

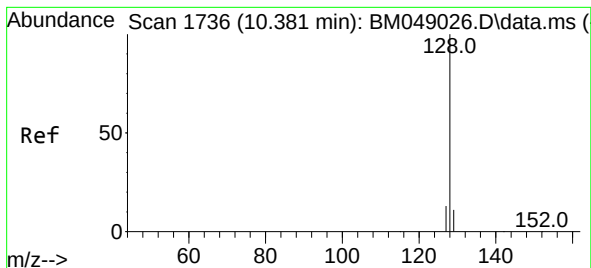
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049034.D
Acq On : 17 Dec 2024 23:00
Operator : RC/JU
Sample : P5155-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Q9

Quant Time: Dec 18 02:29:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.270 ng/ul

RT: 10.381 min Scan# 1736

Delta R.T. -0.004 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

Instrument :

BNA_M

ClientSampleId :

E28Q9

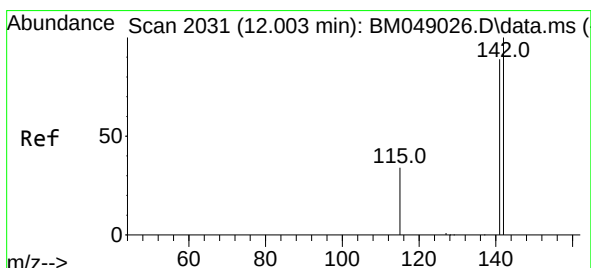
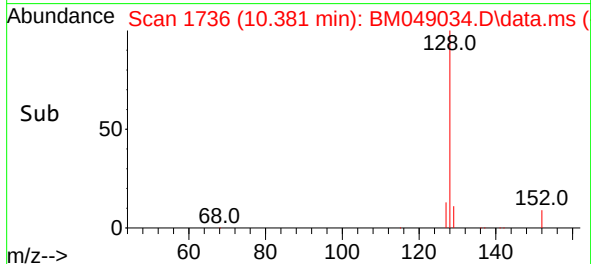
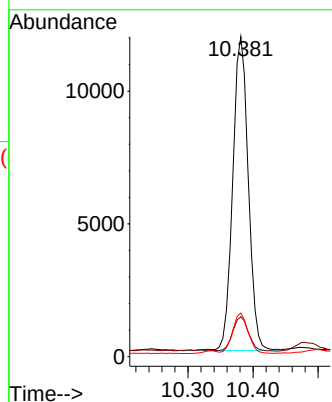
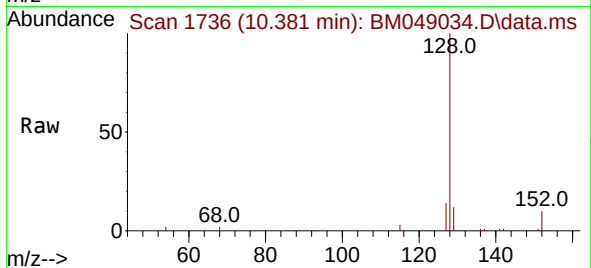
Tgt Ion:128 Resp: 19623

Ion Ratio Lower Upper

128 100

129 12.5 9.4 14.2

127 13.6 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.378 ng/ul

RT: 12.003 min Scan# 2031

Delta R.T. -0.004 min

Lab File: BM049034.D

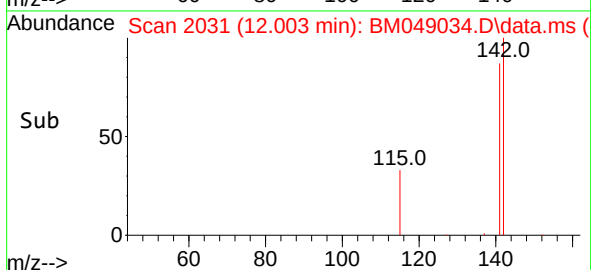
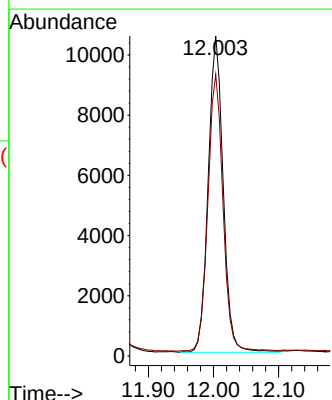
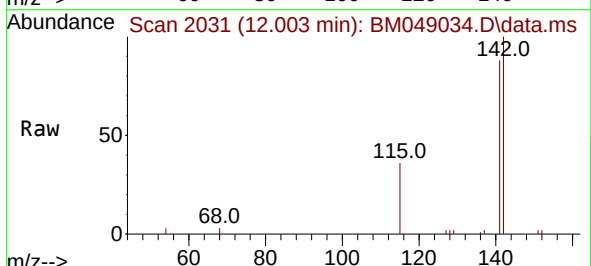
Acq: 17 Dec 2024 23:00

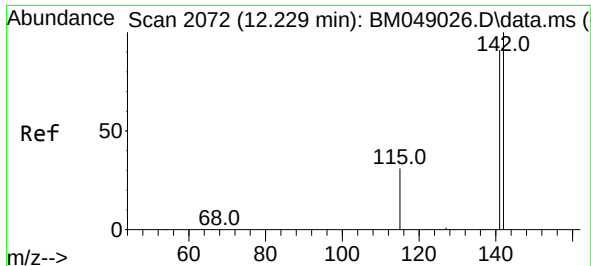
Tgt Ion:142 Resp: 16791

Ion Ratio Lower Upper

142 100

141 87.9 71.2 106.8

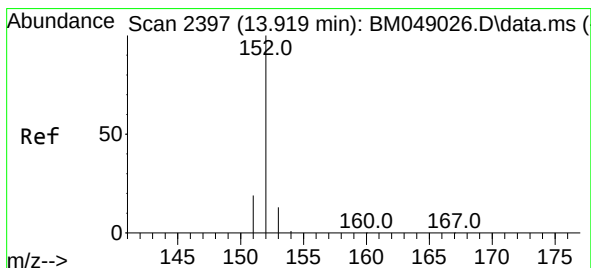
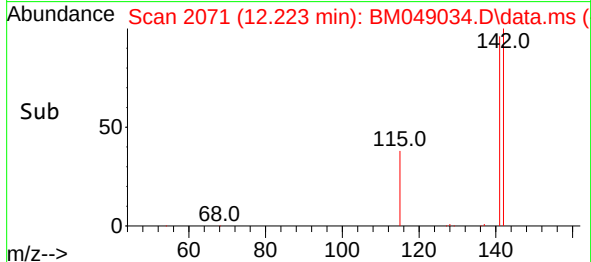
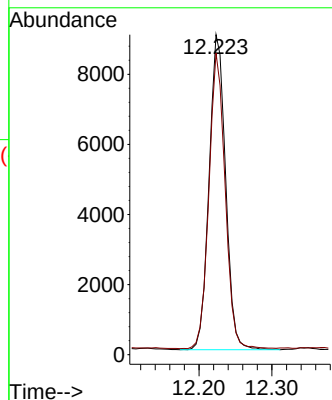
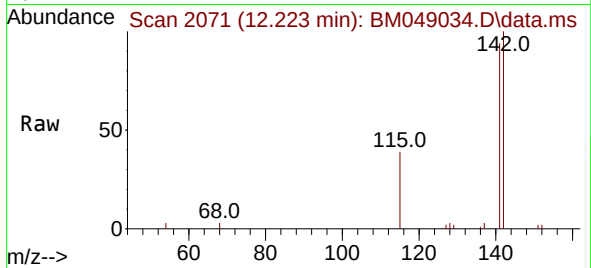




#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.004 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

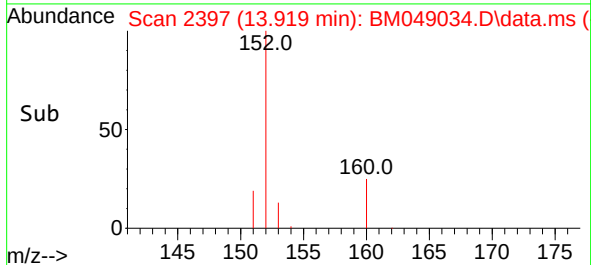
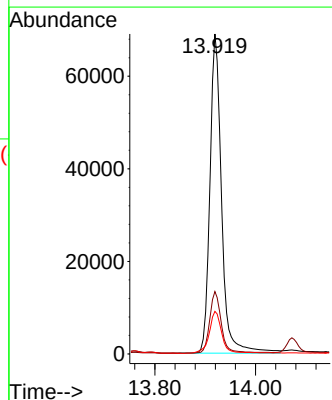
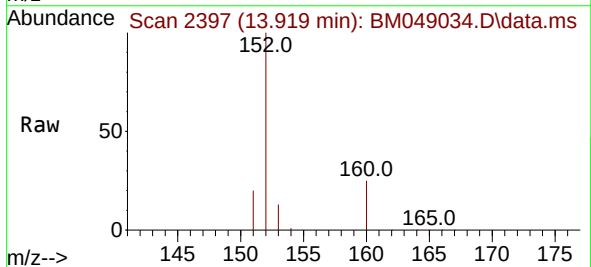
Instrument :
BNA_M
ClientSampleId :
E28Q9

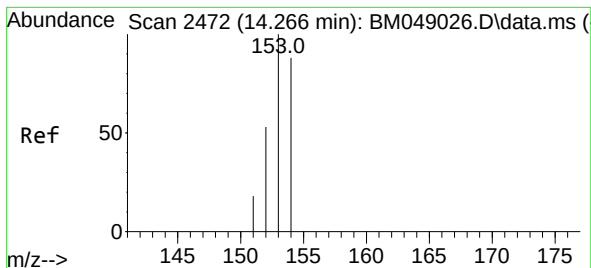
Tgt Ion:142 Resp: 14187
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2



#10
Acenaphthylene
Concen: 1.626 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

Tgt Ion:152 Resp: 110809
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.3 11.2 16.8





#11

Acenaphthene

Concen: 0.179 ng/ul

RT: 14.266 min Scan# 2472

Delta R.T. -0.003 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

Instrument :

BNA_M

ClientSampleId :

E28Q9

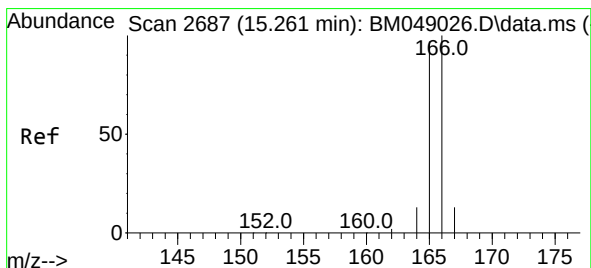
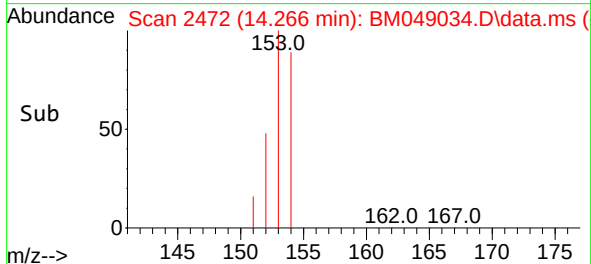
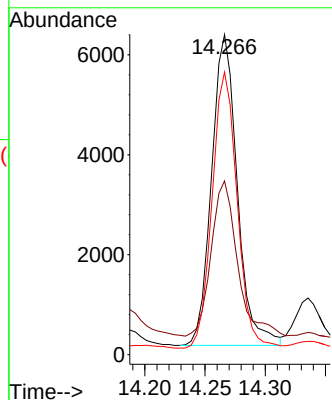
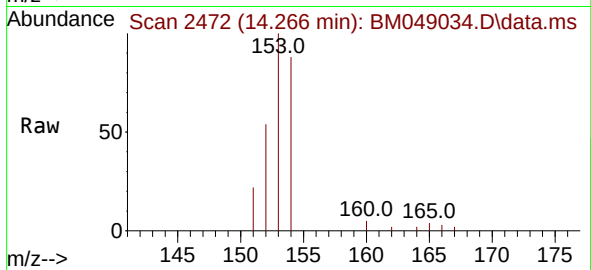
Tgt Ion:153 Resp: 9248

Ion Ratio Lower Upper

153 100

152 54.3 43.5 65.3

154 88.3 69.5 104.3



#12

Fluorene

Concen: 0.352 ng/ul

RT: 15.256 min Scan# 2686

Delta R.T. -0.008 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

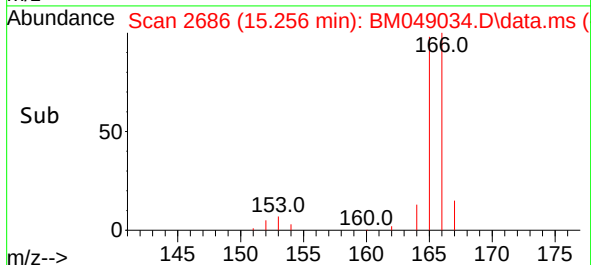
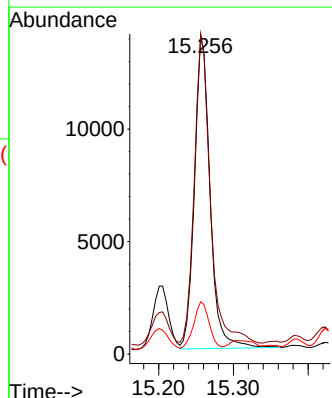
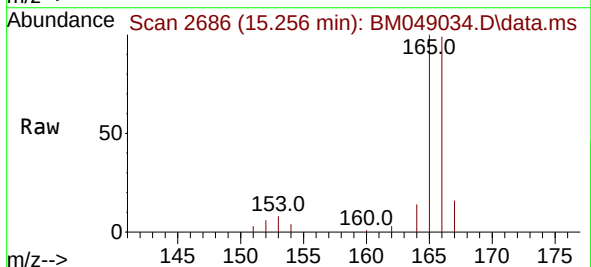
Tgt Ion:166 Resp: 20159

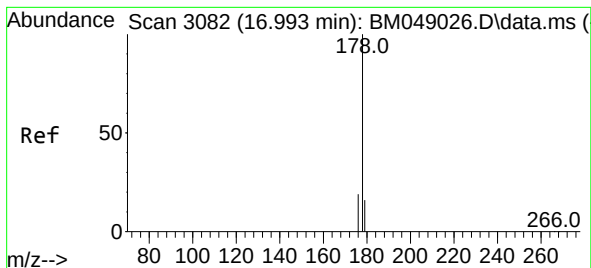
Ion Ratio Lower Upper

166 100

165 100.5 78.1 117.1

167 16.4 11.6 17.4





#15

Phenanthrene

Concen: 5.352 ng/ul m

RT: 16.989 min Scan# 3081

Delta R.T. -0.007 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

Instrument :

BNA_M

ClientSampleId :

E28Q9

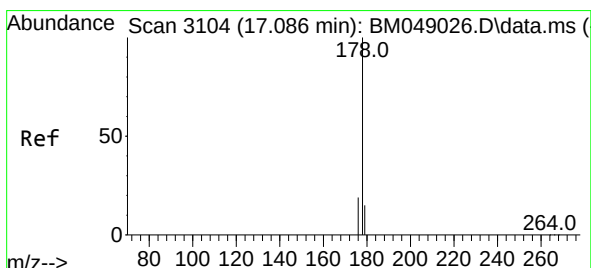
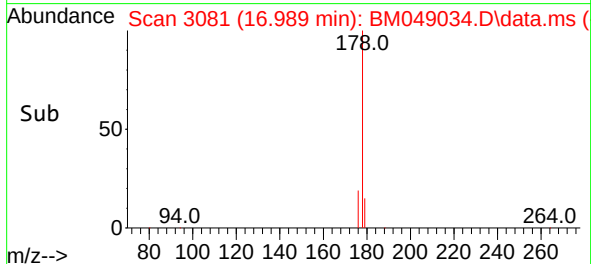
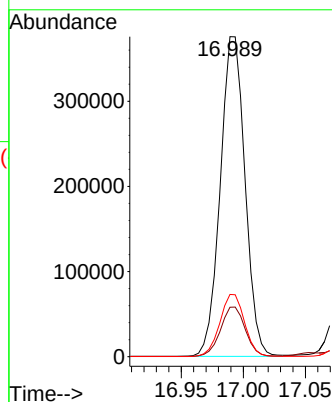
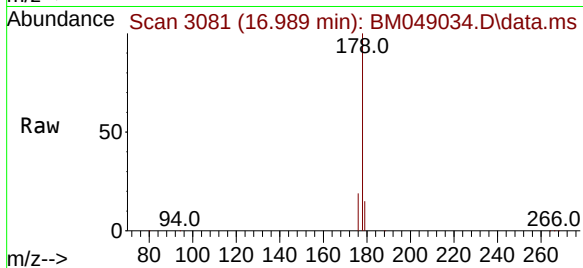
Tgt Ion:178 Resp: 520393

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

176 19.5 15.8 23.8



#16

Anthracene

Concen: 1.491 ng/ul m

RT: 17.082 min Scan# 3103

Delta R.T. -0.003 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

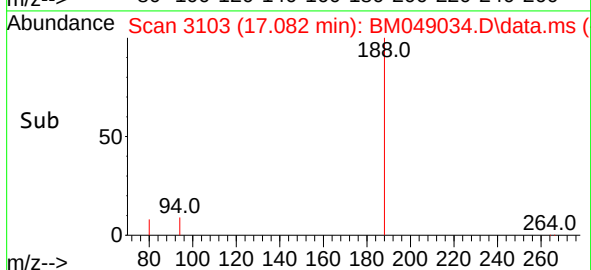
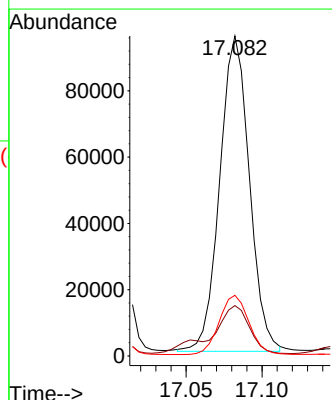
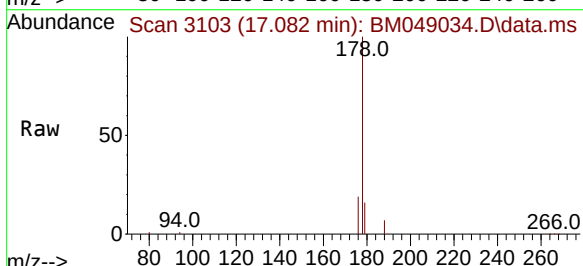
Tgt Ion:178 Resp: 129222

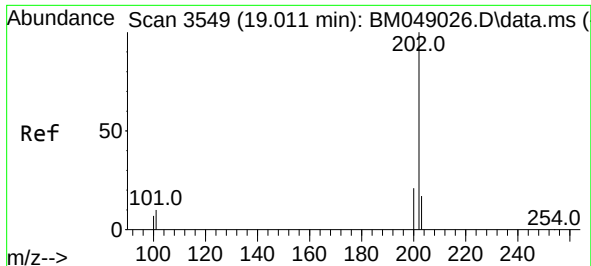
Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.4

176 19.0 15.0 22.6

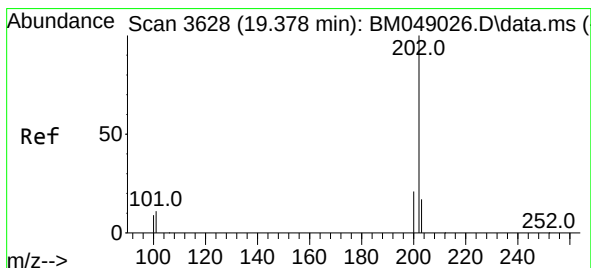
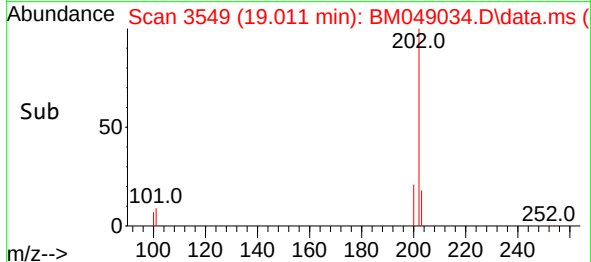
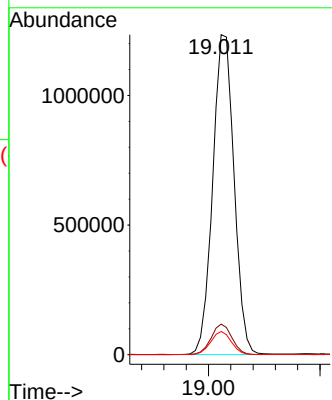
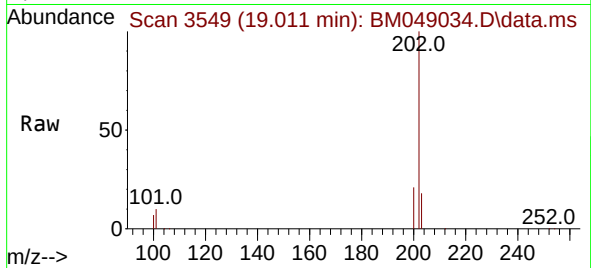




#19
Fluoranthene
Concen: 15.903 ng/ul m
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

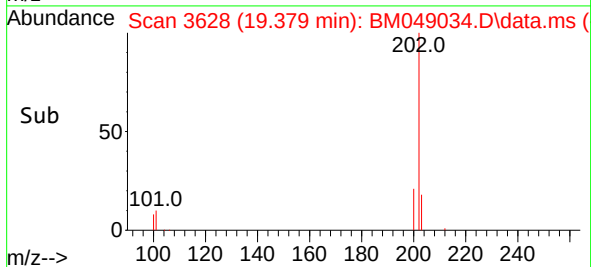
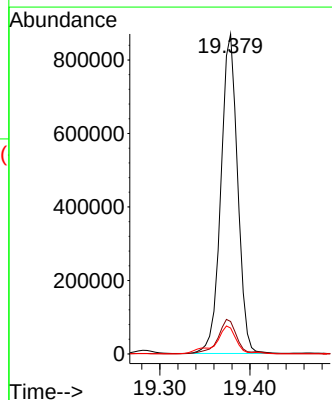
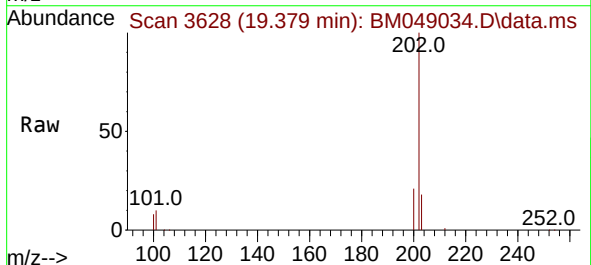
Instrument :
BNA_M
ClientSampleId :
E28Q9

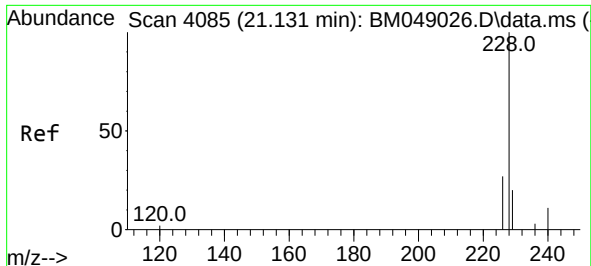
Tgt Ion:202 Resp: 1639621
Ion Ratio Lower Upper
202 100
101 9.6 9.7 14.5#
100 7.2 7.3 10.9#



#20
Pyrene
Concen: 10.106 ng/ul m
RT: 19.379 min Scan# 3628
Delta R.T. -0.003 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

Tgt Ion:202 Resp: 1123063
Ion Ratio Lower Upper
202 100
101 10.1 10.6 16.0#
100 8.1 8.4 12.6#

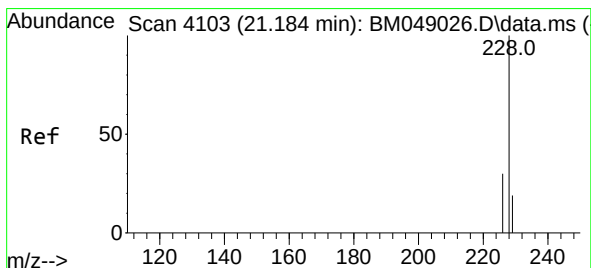
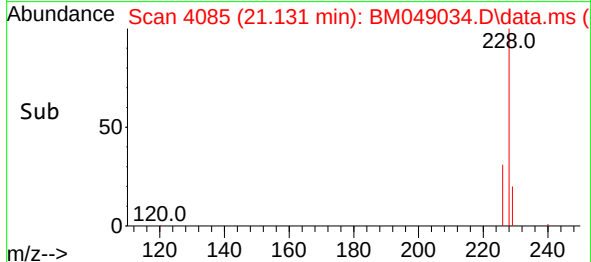
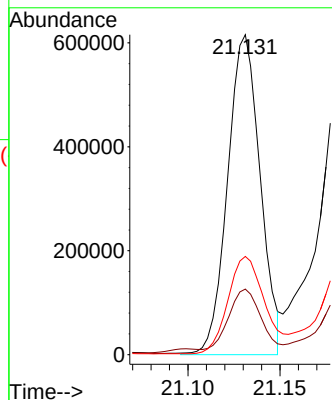
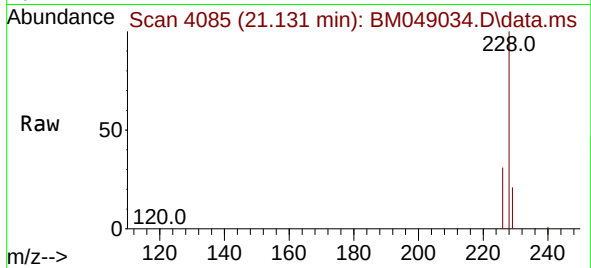




#21
Benzo(a)anthracene
Concen: 8.665 ng/ul m
RT: 21.131 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

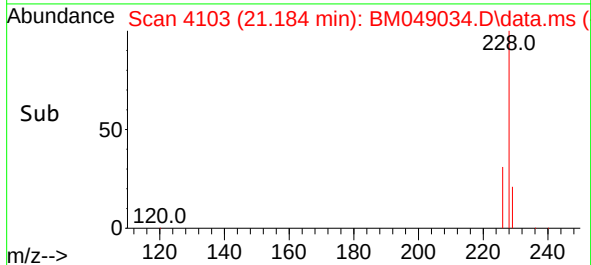
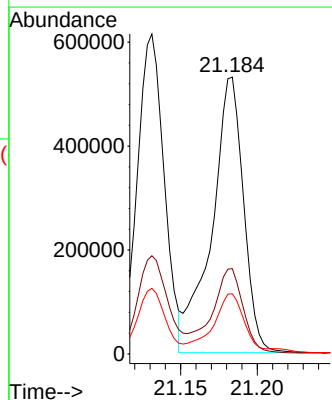
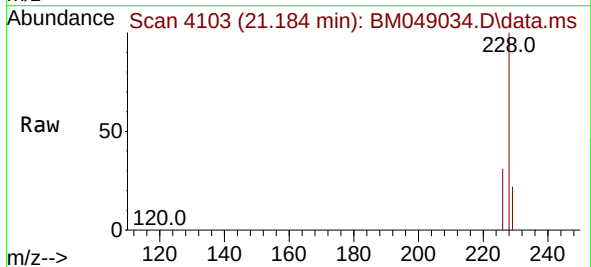
Instrument :
BNA_M
ClientSampleId :
E28Q9

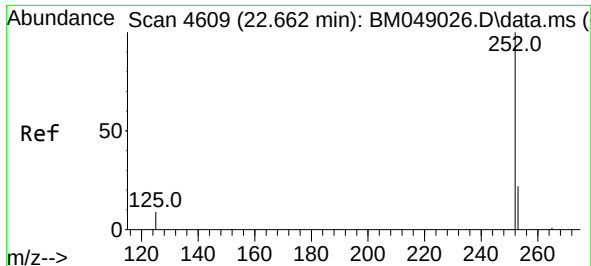
Tgt Ion:228 Resp: 758000
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 30.7 23.0 34.4



#22
Chrysene
Concen: 7.739 ng/ul m
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

Tgt Ion:228 Resp: 766046
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 21.7 16.0 24.0

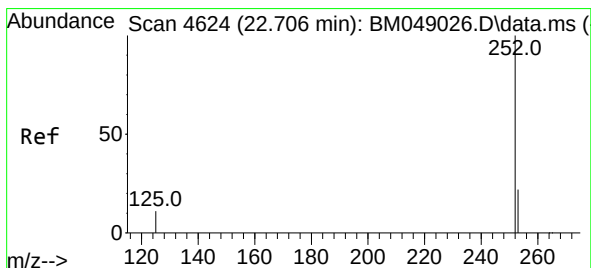
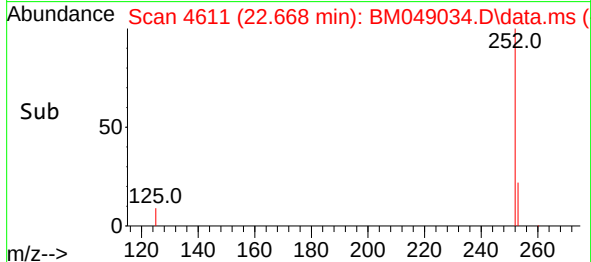
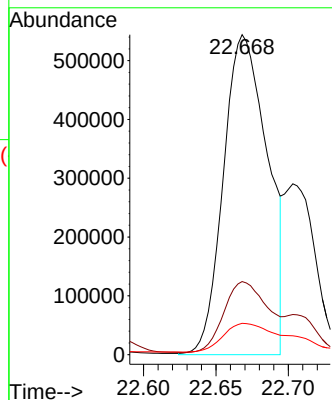
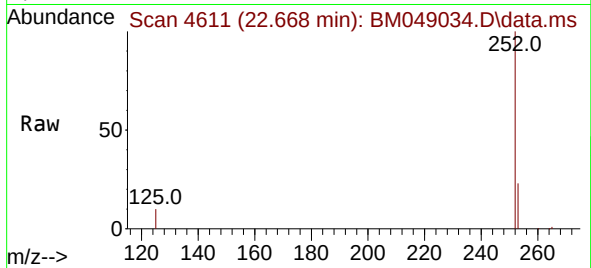




#24
Benzo(b)fluoranthene
Concen: 11.759 ng/ul m
RT: 22.668 min Scan# 4611
Delta R.T. 0.002 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

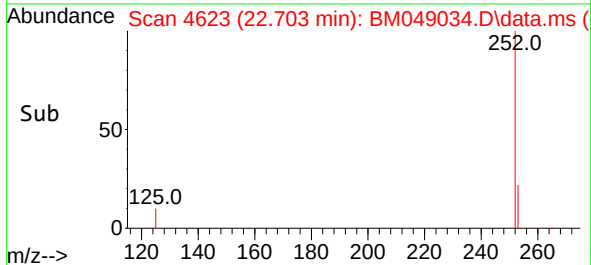
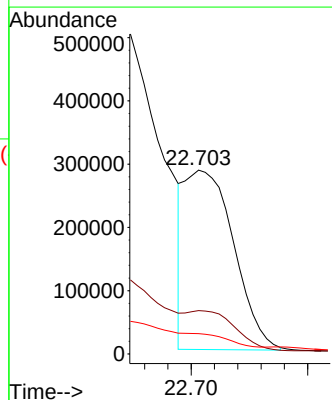
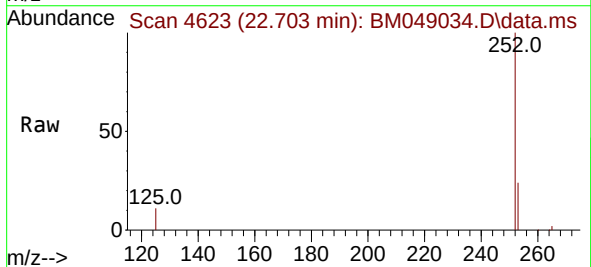
Instrument :
BNA_M
ClientSampleId :
E28Q9

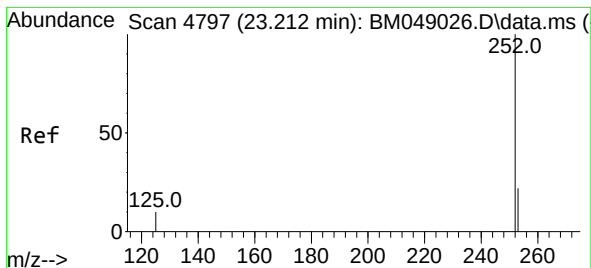
Tgt Ion:252 Resp: 1153028
Ion Ratio Lower Upper
252 100
253 22.8 0.0 51.0
125 9.8 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 3.658 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.006 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

Tgt Ion:252 Resp: 414866
Ion Ratio Lower Upper
252 100
253 23.6 20.5 30.7
125 11.1 17.3 25.9#





#26

Benzo(a)pyrene

Concen: 5.354 ng/ul m

RT: 23.215 min Scan# 4

Delta R.T. -0.000 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

Instrument :

BNA_M

ClientSampleId :

E28Q9

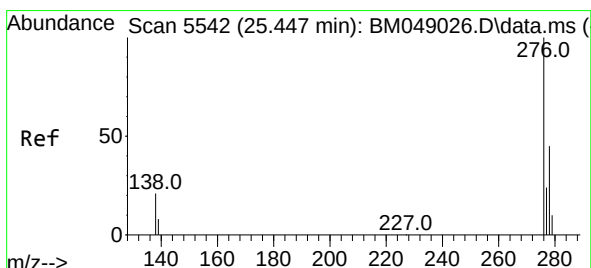
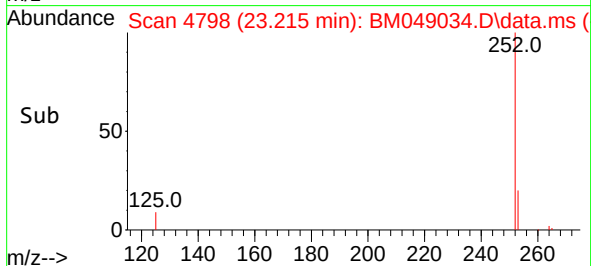
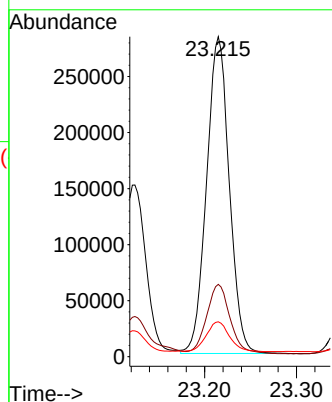
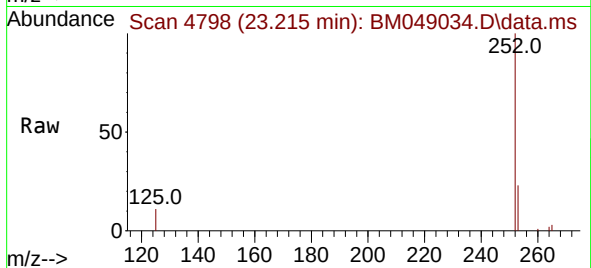
Tgt Ion:252 Resp: 485484

Ion Ratio Lower Upper

252 100

253 22.6 21.8 32.8

125 10.9 18.6 27.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.653 ng/ul m

RT: 25.450 min Scan# 5543

Delta R.T. -0.004 min

Lab File: BM049034.D

Acq: 17 Dec 2024 23:00

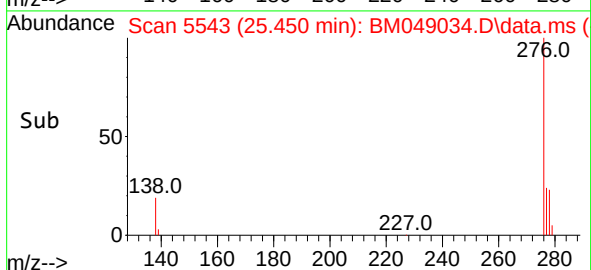
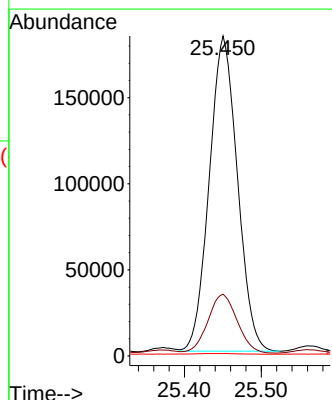
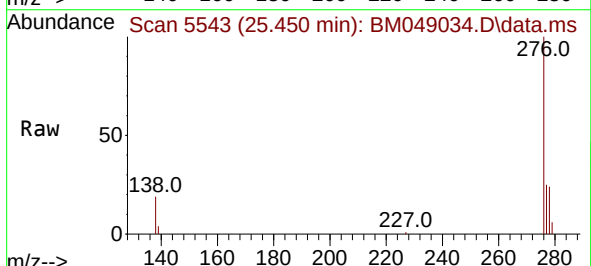
Tgt Ion:276 Resp: 465275

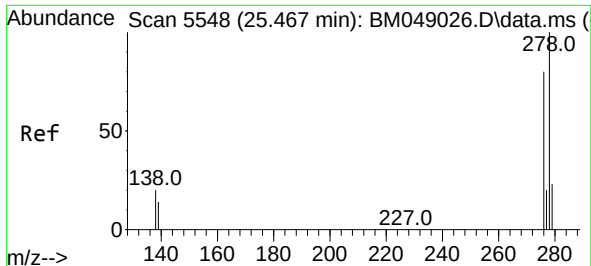
Ion Ratio Lower Upper

276 100

138 1.3 22.1 33.1#

227 0.0 0.2 0.2#

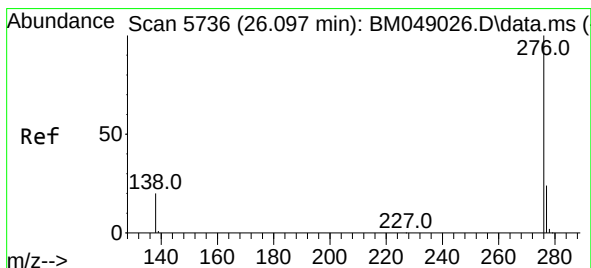
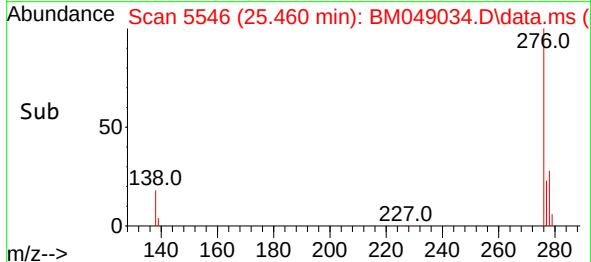
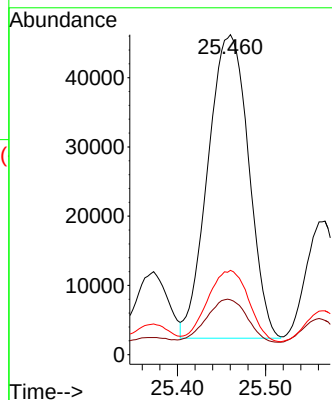
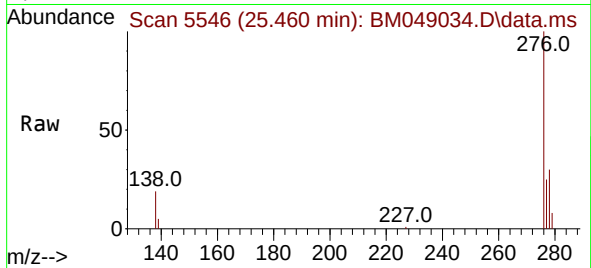




#28
Dibenzo(a,h)anthracene
Concen: 1.416 ng/ul m
RT: 25.460 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

Instrument :
BNA_M
ClientSampleId :
E28Q9

Tgt Ion:278 Resp: 140331
Ion Ratio Lower Upper
278 100
139 17.1 17.4 26.0#
279 26.3 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.663 ng/ul m
RT: 26.104 min Scan# 5738
Delta R.T. 0.006 min
Lab File: BM049034.D
Acq: 17 Dec 2024 23:00

Tgt Ion:276 Resp: 67969
Ion Ratio Lower Upper
276 100
138 24.4 19.8 29.6
277 28.2 19.6 29.4

