

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049039.D
 Acq On : 18 Dec 2024 01:59
 Operator : RC/JU
 Sample : P5155-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28W3

Quant Time: Dec 18 04:04:23 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)

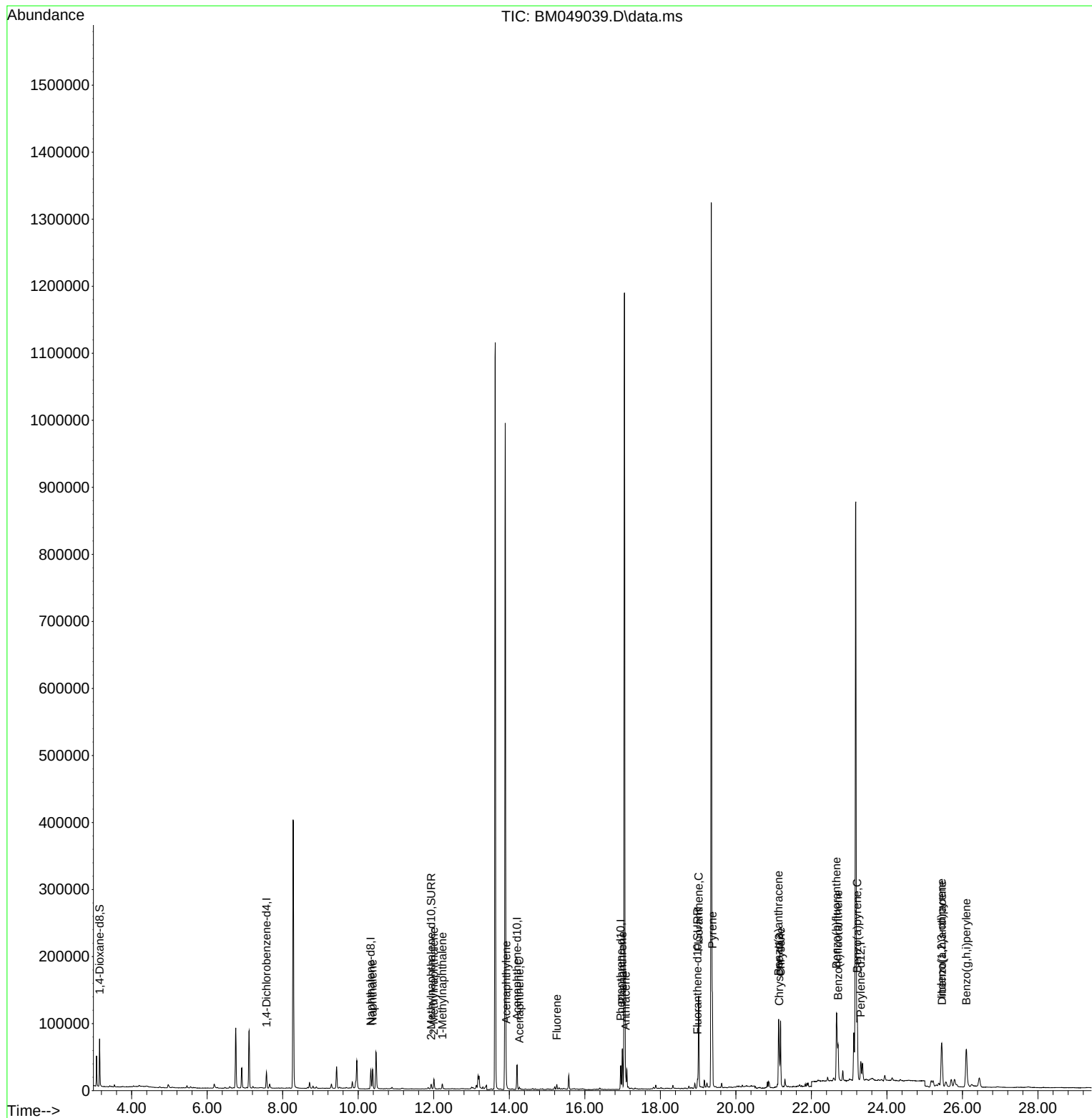
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	11582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	36237	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	20333	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	42392	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.149	240	33377	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	36748	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	38397	2.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	8877	0.192	ng/ul	0.00
18) Fluoranthene-d10	18.984	212	14918	0.150	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.381	128	32996	0.355	ng/ul	100
7) 2-Methylnaphthalene	12.003	142	10378	0.183	ng/ul	100
8) 1-Methylnaphthalene	12.229	142	5403	0.093	ng/ul	99
10) Acenaphthylene	13.919	152	8184	0.095	ng/ul#	93
11) Acenaphthene	14.266	153	2185	0.034	ng/ul	97
12) Fluorene	15.261	166	4427	0.061	ng/ul#	94
15) Phenanthrene	16.993	178	62446	0.537	ng/ul	99
16) Anthracene	17.082	178	13555	0.131	ng/ul	94
19) Fluoranthene	19.016	202	118699	0.858	ng/ul#	93
20) Pyrene	19.379	202	114291	0.766	ng/ul	95
21) Benzo(a)anthracene	21.131	228	79465	0.677	ng/ul	96
22) Chrysene	21.184	228	94335	0.710	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	161989m	1.276	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	57564m	0.392	ng/ul	
26) Benzo(a)pyrene	23.215	252	117377	0.999	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.450	276	101338	0.614	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.460	278	22526	0.175	ng/ul#	85
29) Benzo(g,h,i)perylene	26.101	276	113706	0.857	ng/ul	96

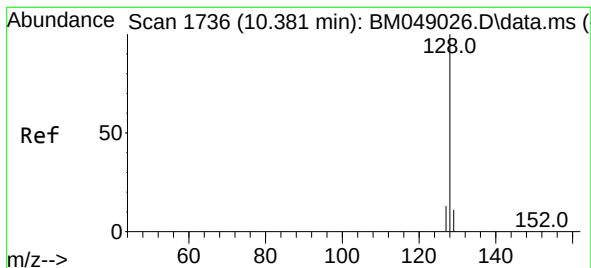
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049039.D
Acq On : 18 Dec 2024 01:59
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28W3

Quant Time: Dec 18 04:04:23 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: 0.355 ng/ul

RT: 10.381 min Scan# 1

Delta R.T. -0.004 min

Lab File: BM049039.D

Acq: 18 Dec 2024 01:59

Instrument :

BNA_M

ClientSampleId :

E28W3

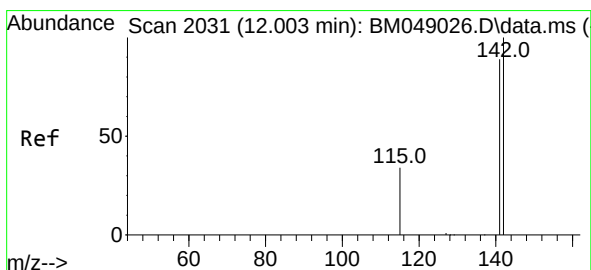
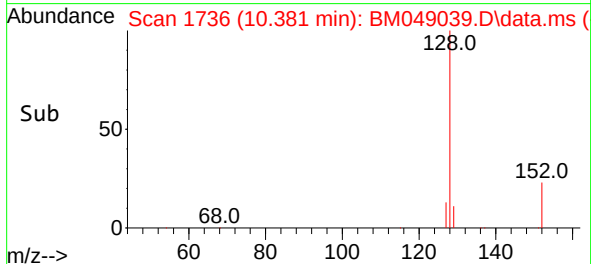
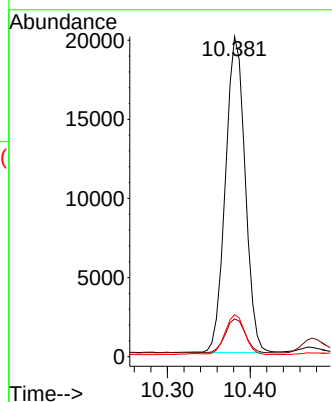
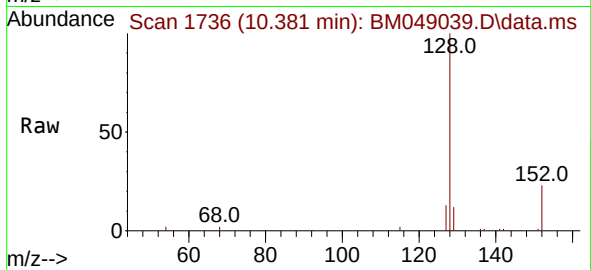
Tgt Ion:128 Resp: 32996

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 13.1 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.183 ng/ul

RT: 12.003 min Scan# 2031

Delta R.T. -0.004 min

Lab File: BM049039.D

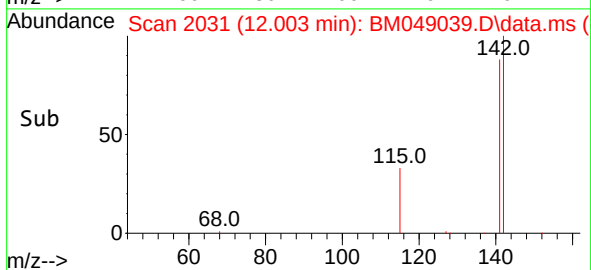
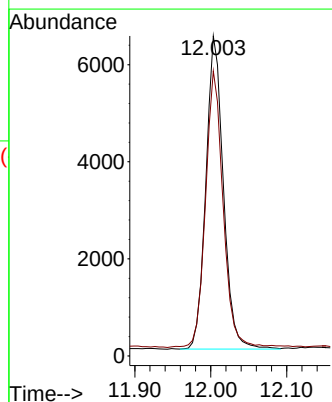
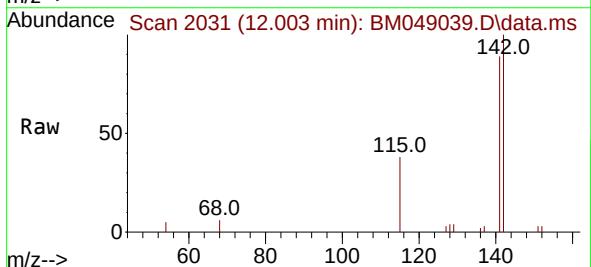
Acq: 18 Dec 2024 01:59

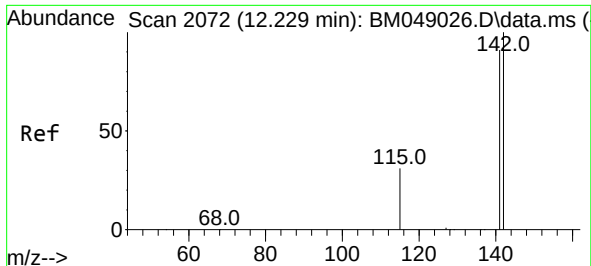
Tgt Ion:142 Resp: 10378

Ion Ratio Lower Upper

142 100

141 89.2 71.2 106.8

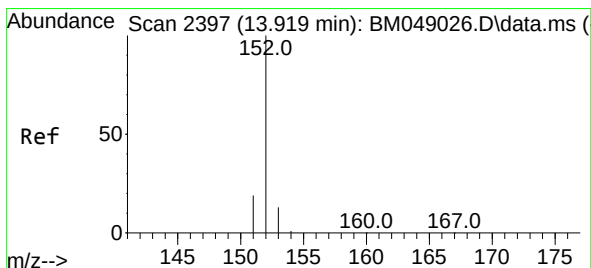
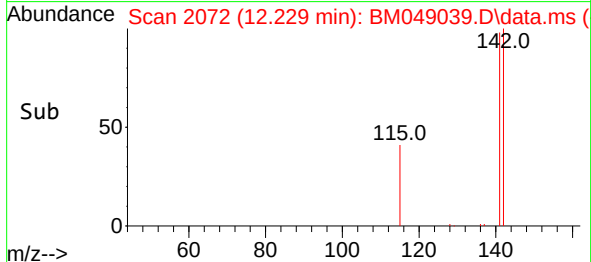
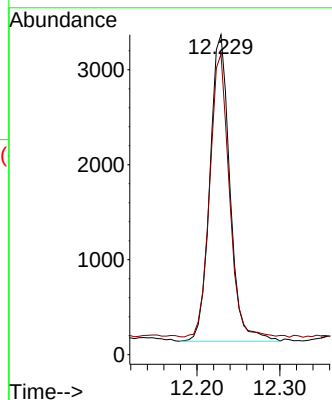
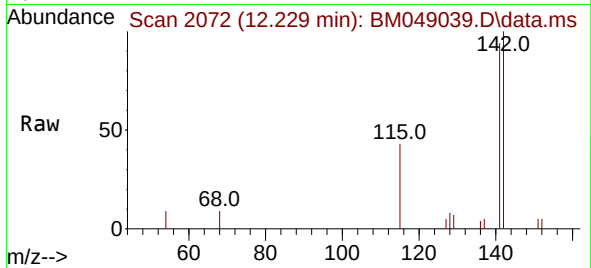




#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. 0.001 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

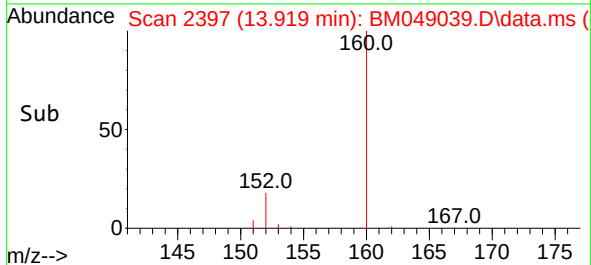
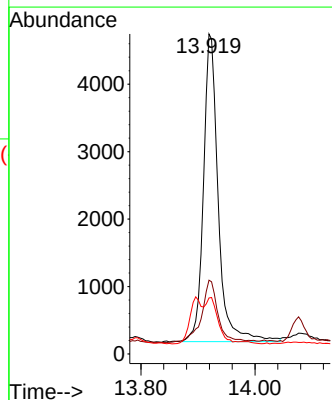
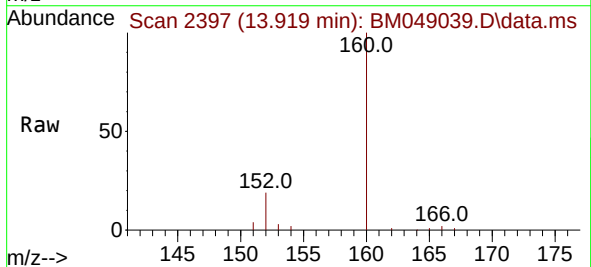
Instrument :
BNA_M
ClientSampleId :
E28W3

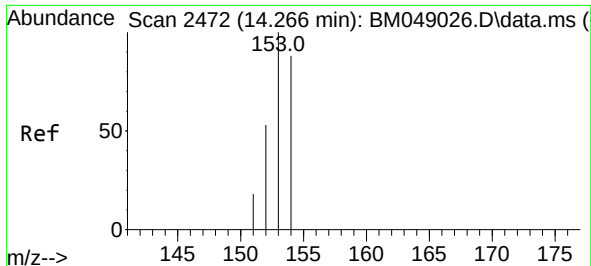
Tgt Ion:142 Resp: 5403
Ion Ratio Lower Upper
142 100
141 90.0 72.8 109.2



#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Tgt Ion:152 Resp: 8184
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 17.5 11.2 16.8#

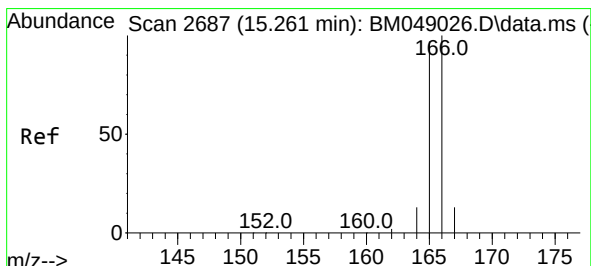
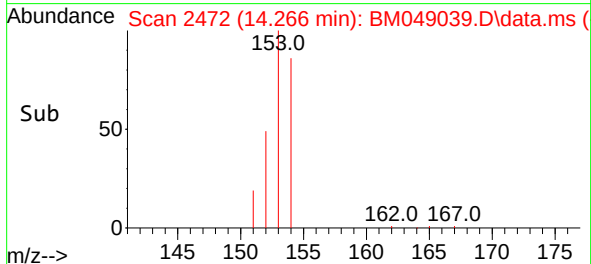
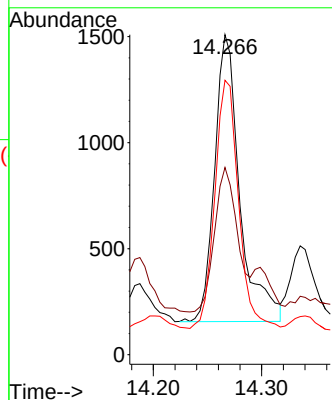
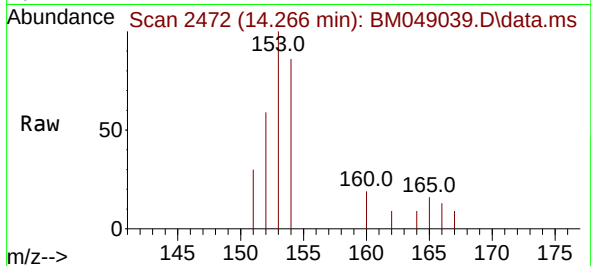




#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.266 min Scan# 2472
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

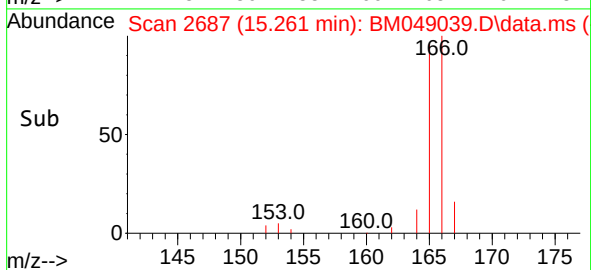
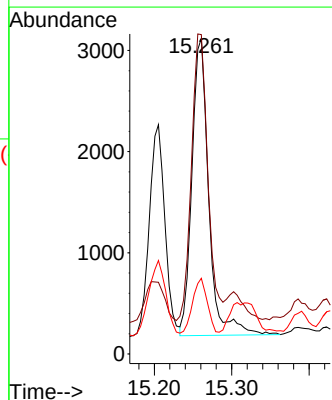
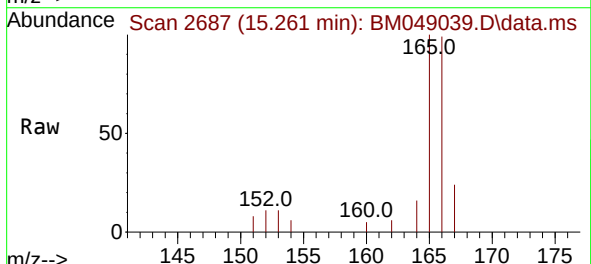
Instrument :
BNA_M
ClientSampleId :
E28W3

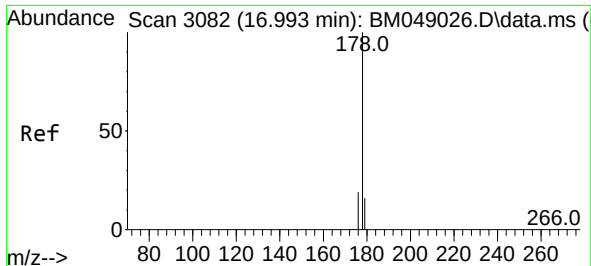
Tgt Ion:153 Resp: 2185
Ion Ratio Lower Upper
153 100
152 58.5 43.5 65.3
154 85.8 69.5 104.3



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.261 min Scan# 2687
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Tgt Ion:166 Resp: 4427
Ion Ratio Lower Upper
166 100
165 101.1 78.1 117.1
167 24.0 11.6 17.4#

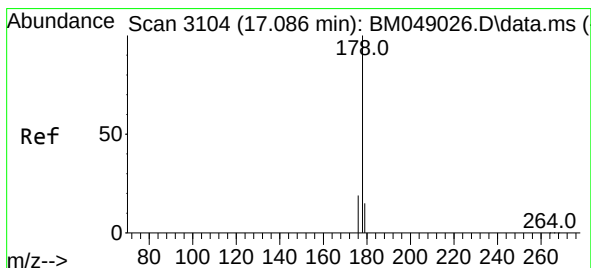
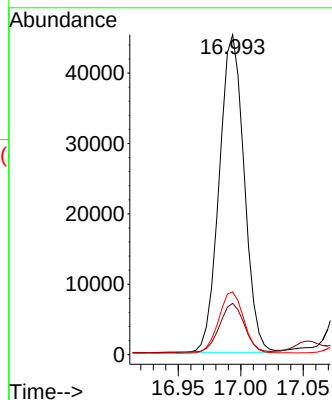
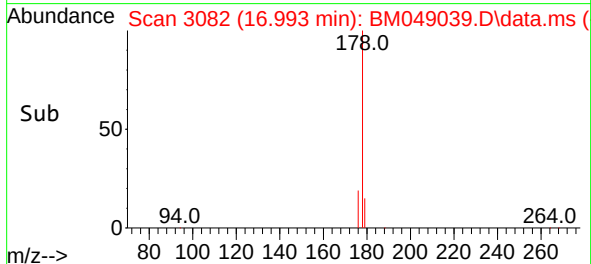
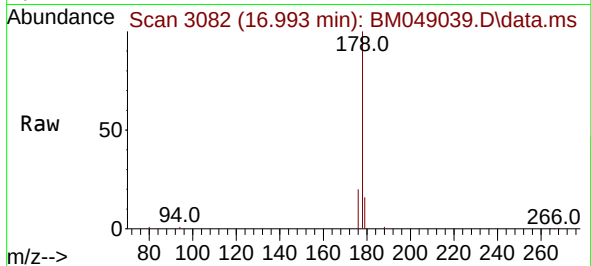




#15
Phenanthrene
Concen: 0.537 ng/ul
RT: 16.993 min Scan# 3082
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

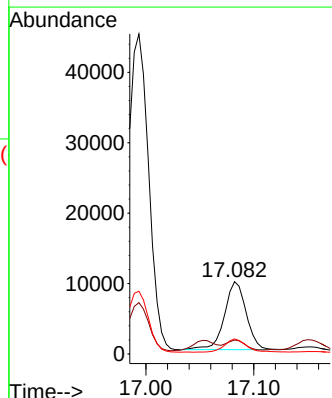
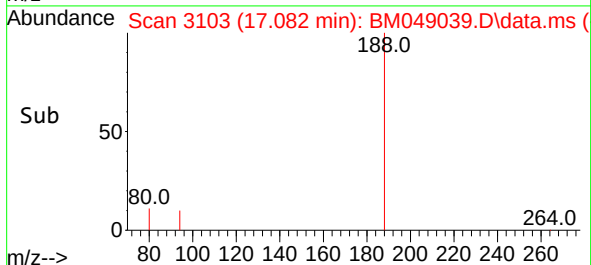
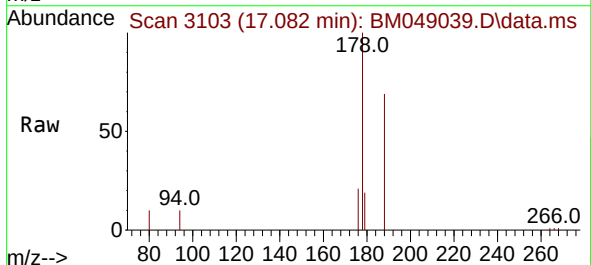
Instrument :
BNA_M
ClientSampleId :
E28W3

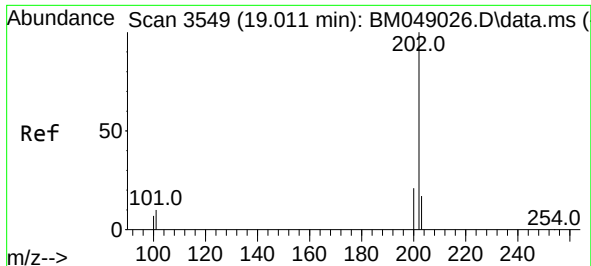
Tgt Ion:178 Resp: 62446
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.131 ng/ul
RT: 17.082 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Tgt Ion:178 Resp: 13555
Ion Ratio Lower Upper
178 100
179 19.2 13.0 19.4
176 20.7 15.0 22.6

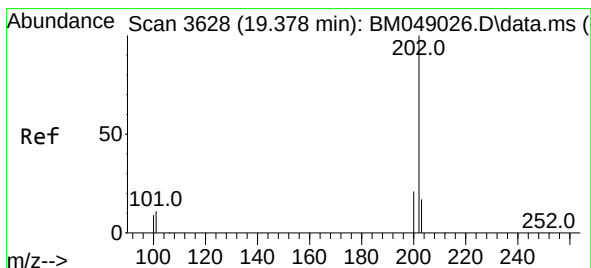
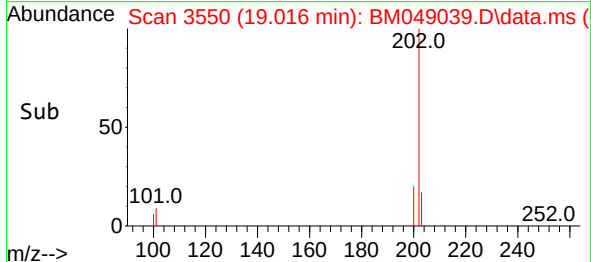
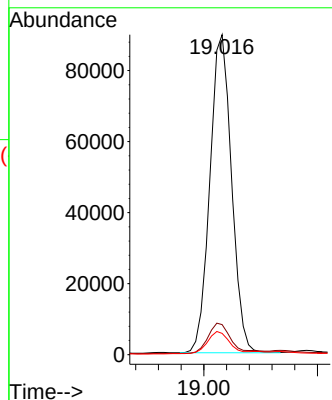
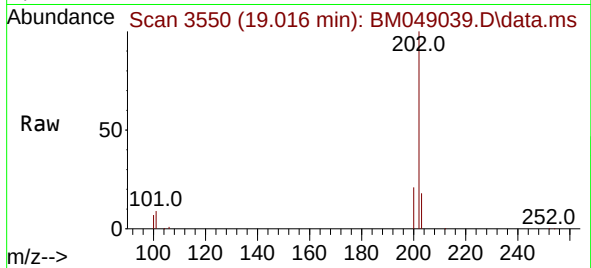




#19
Fluoranthene
Concen: 0.858 ng/ul
RT: 19.016 min Scan# 3549
Delta R.T. 0.001 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

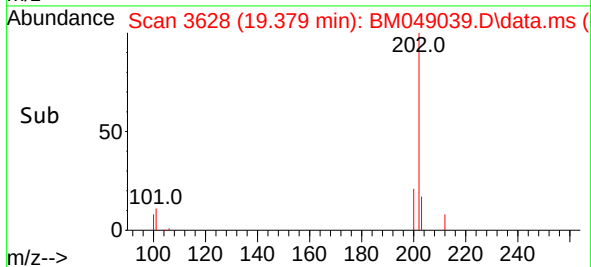
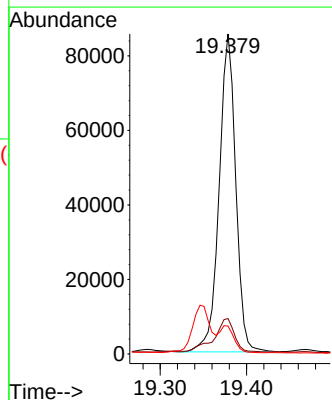
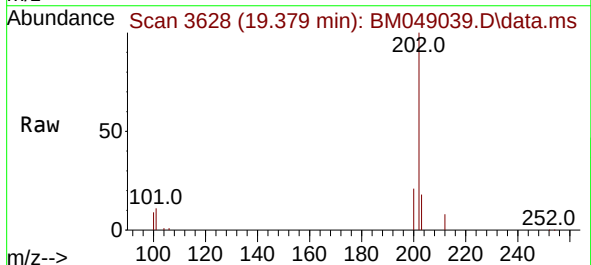
Instrument :
BNA_M
ClientSampleId :
E28W3

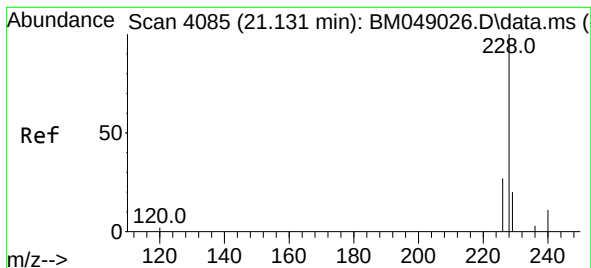
Tgt Ion:202 Resp: 118699
Ion Ratio Lower Upper
202 100
101 9.4 9.7 14.5#
100 6.7 7.3 10.9#



#20
Pyrene
Concen: 0.766 ng/ul
RT: 19.379 min Scan# 3628
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Tgt Ion:202 Resp: 114291
Ion Ratio Lower Upper
202 100
101 11.1 10.6 16.0
100 8.7 8.4 12.6





#21

Benzo(a)anthracene

Concen: 0.677 ng/ul

RT: 21.131 min Scan# 4085

Delta R.T. -0.003 min

Lab File: BM049039.D

Acq: 18 Dec 2024 01:59

Instrument :

BNA_M

ClientSampleId :

E28W3

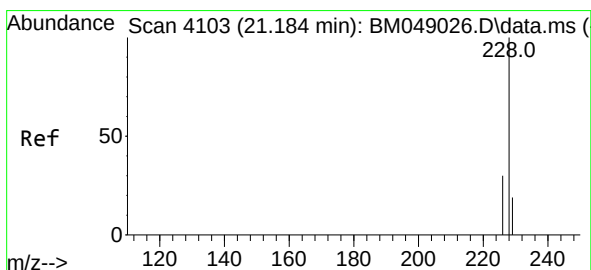
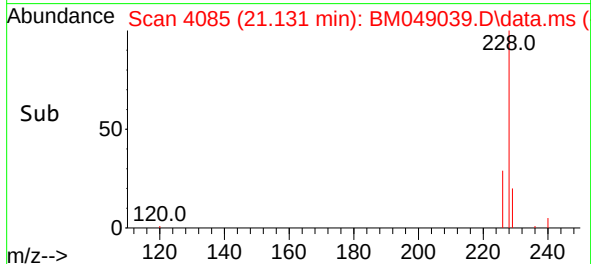
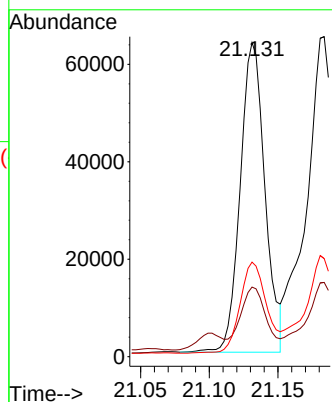
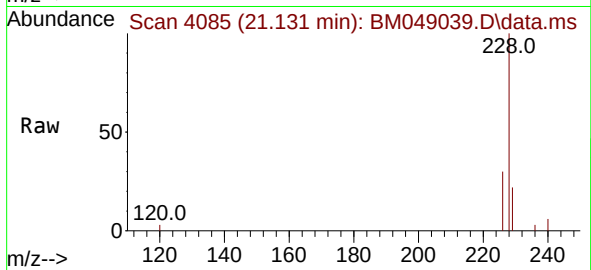
Tgt Ion:228 Resp: 79465

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

226 30.1 23.0 34.4



#22

Chrysene

Concen: 0.710 ng/ul

RT: 21.184 min Scan# 4103

Delta R.T. -0.003 min

Lab File: BM049039.D

Acq: 18 Dec 2024 01:59

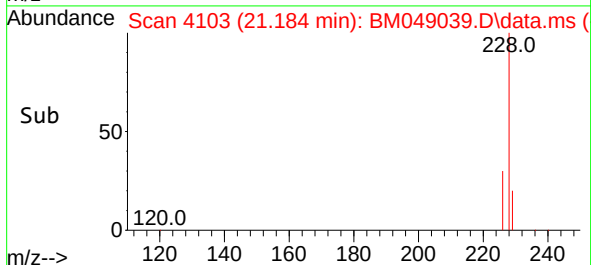
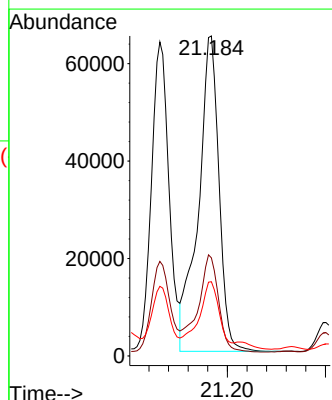
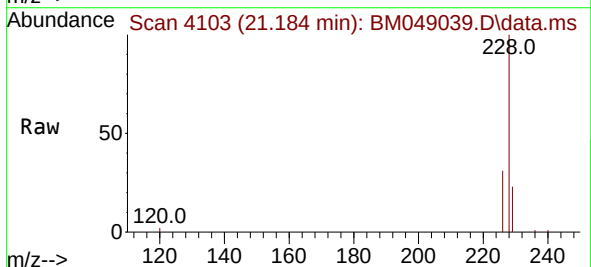
Tgt Ion:228 Resp: 94335

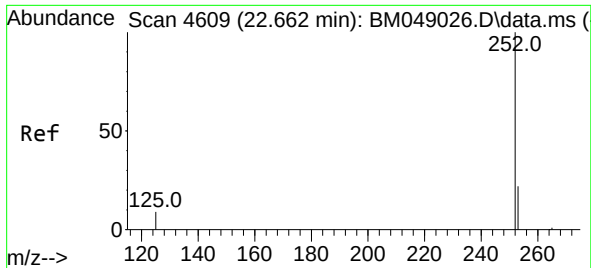
Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 23.2 16.0 24.0

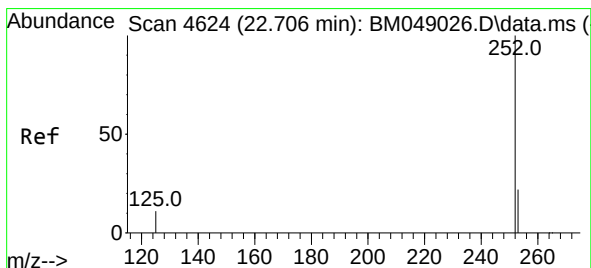
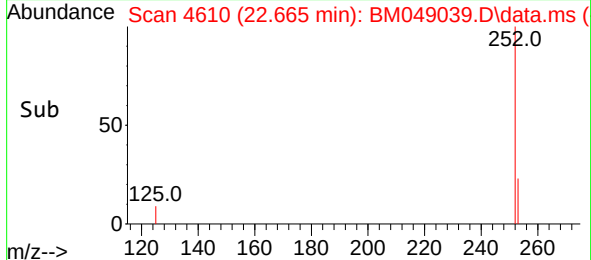
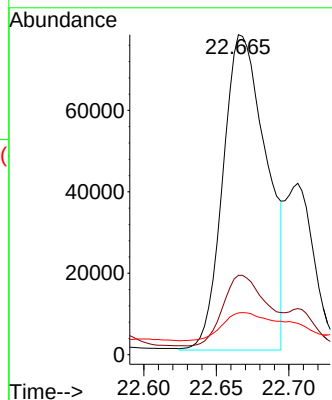
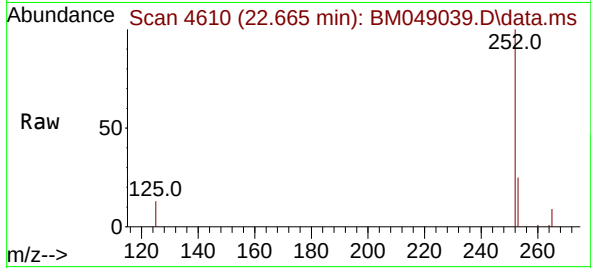




#24
Benzo(b)fluoranthene
Concen: 1.276 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. -0.000 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

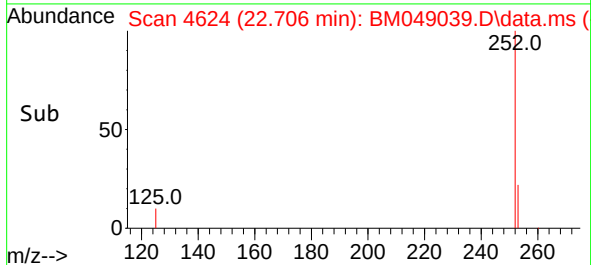
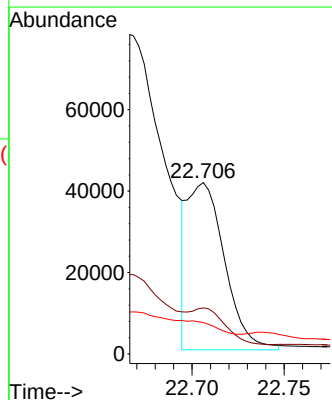
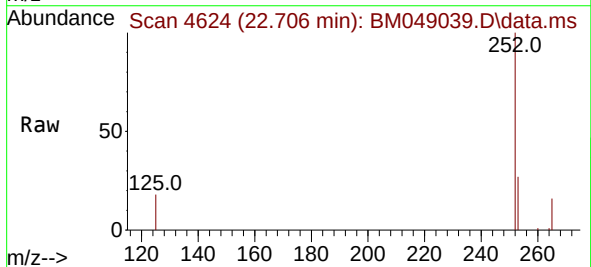
Instrument :
BNA_M
ClientSampleId :
E28W3

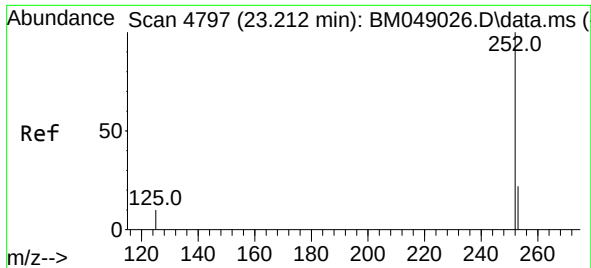
Tgt Ion:252 Resp: 161989
Ion Ratio Lower Upper
252 100
253 24.8 0.0 51.0
125 13.1 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 22.706 min Scan# 4624
Delta R.T. -0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

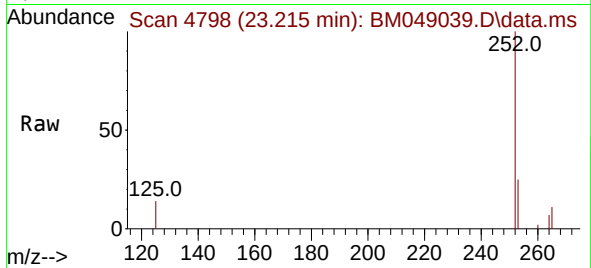
Tgt Ion:252 Resp: 57564
Ion Ratio Lower Upper
252 100
253 26.9 20.5 30.7
125 18.3 17.3 25.9



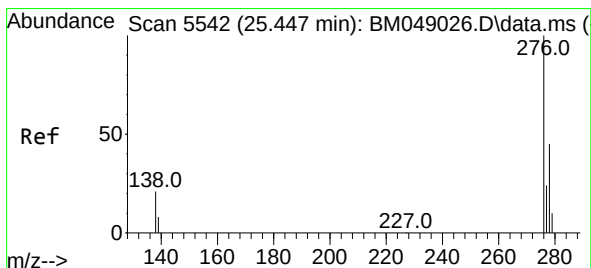
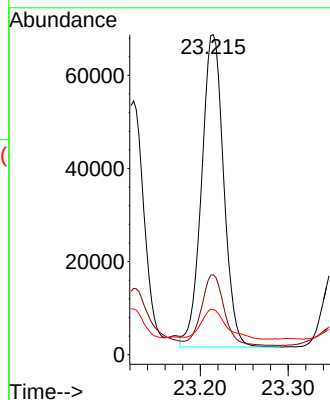
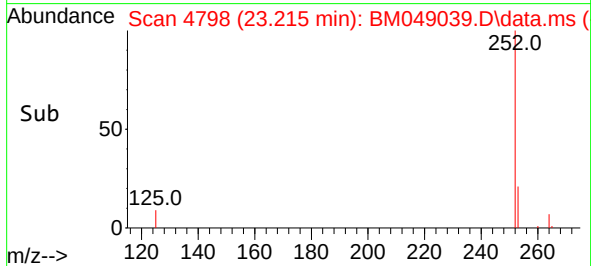


#26
Benzo(a)pyrene
Concen: 0.999 ng/ul
RT: 23.215 min Scan# 4797
Delta R.T. -0.000 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Instrument :
BNA_M
ClientSampleId :
E28W3

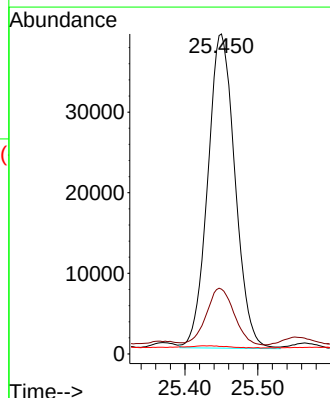
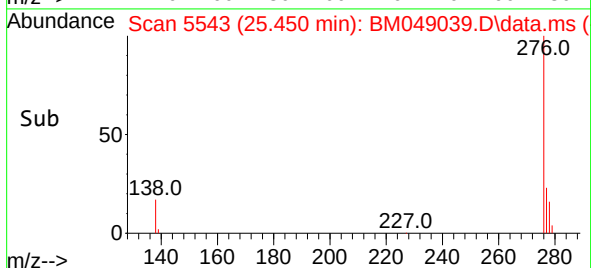
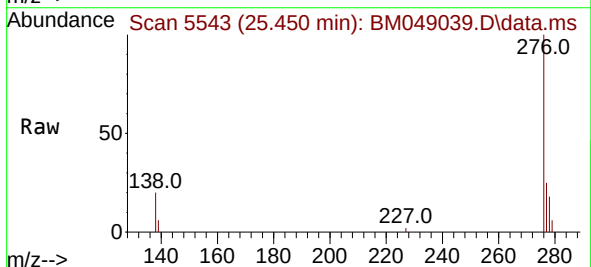


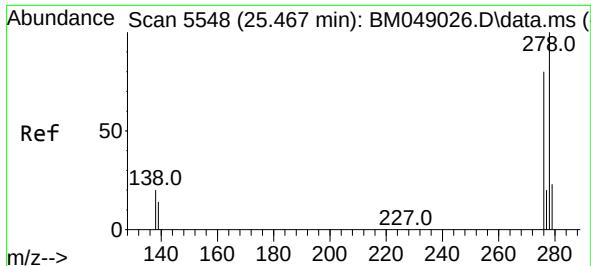
Tgt Ion:252 Resp: 117377
Ion Ratio Lower Upper
252 100
253 25.0 21.8 32.8
125 14.2 18.6 27.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.614 ng/ul
RT: 25.450 min Scan# 5543
Delta R.T. -0.004 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Tgt Ion:276 Resp: 101338
Ion Ratio Lower Upper
276 100
138 18.2 22.1 33.1#
227 1.0 0.2 0.2#

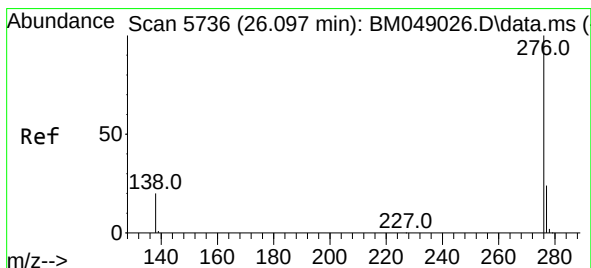
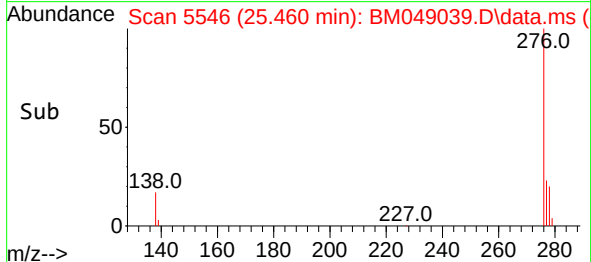
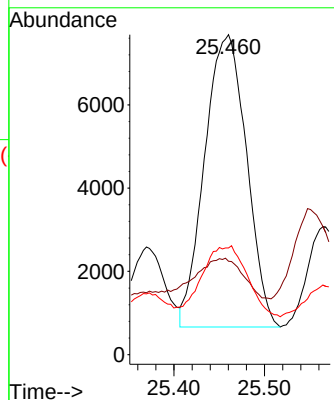
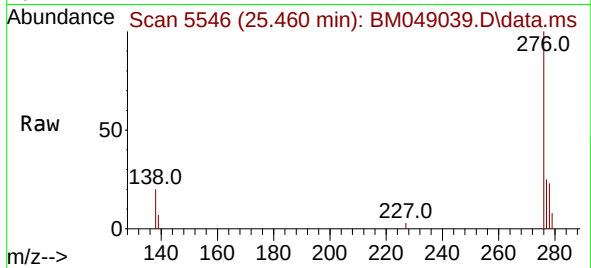




#28
Dibenzo(a,h)anthracene
Concen: 0.175 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Instrument :
BNA_M
ClientSampleId :
E28W3

Tgt Ion:278 Resp: 22526
Ion Ratio Lower Upper
278 100
139 29.2 17.4 26.0#
279 33.3 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 0.857 ng/ul
RT: 26.101 min Scan# 5737
Delta R.T. 0.003 min
Lab File: BM049039.D
Acq: 18 Dec 2024 01:59

Tgt Ion:276 Resp: 113706
Ion Ratio Lower Upper
276 100
138 21.1 19.8 29.6
277 24.6 19.6 29.4

