

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049272.D
 Acq On : 28 Dec 2024 02:00
 Operator : RC/JU
 Sample : P5378-05MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YE634MSD

Quant Time: Dec 28 02:42:46 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

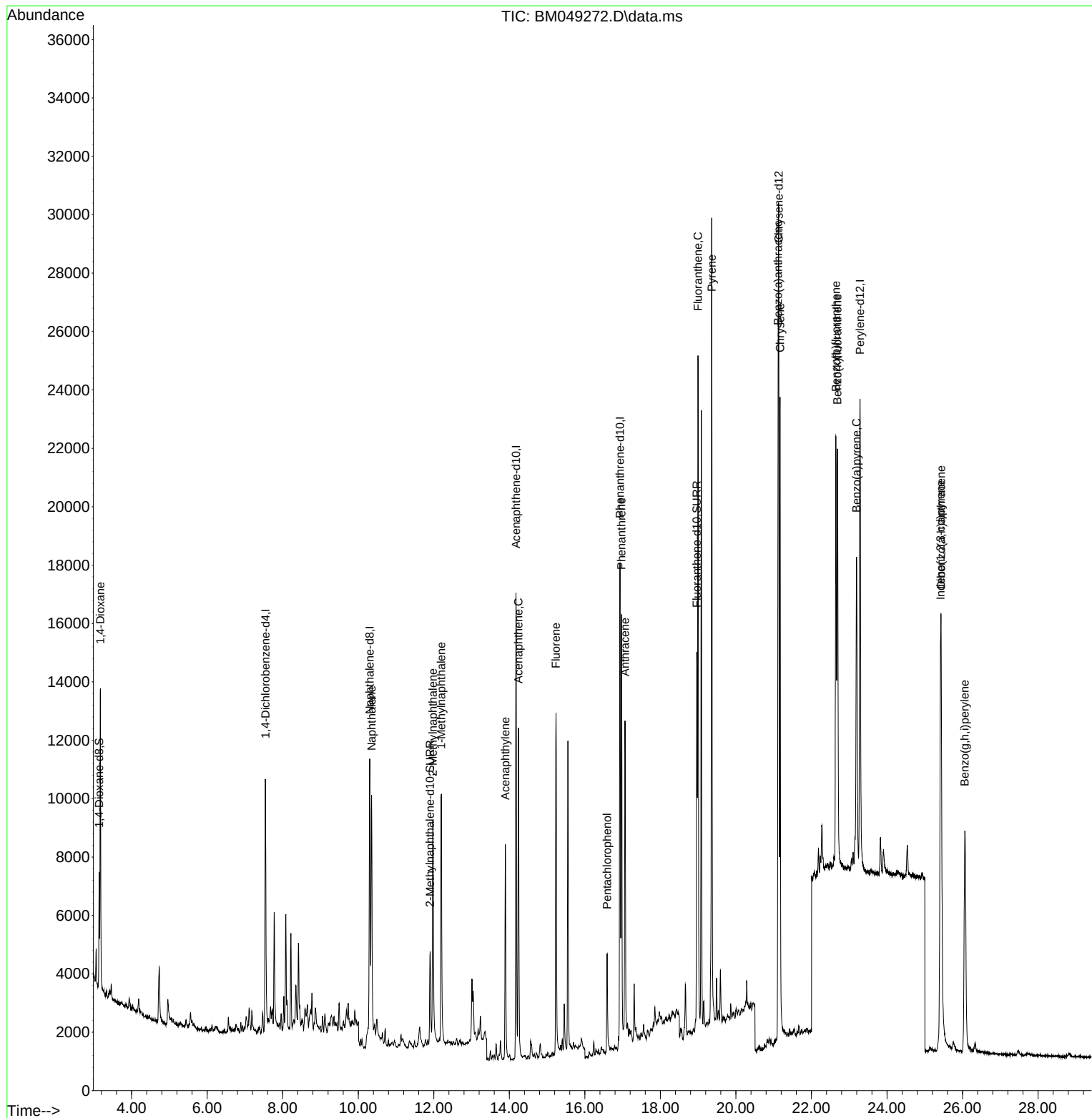
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	4543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	14724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	9415	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	21764	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	20764	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	21662	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	2294	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	5438	0.275	ng/ul	0.00
18) Fluoranthene-d10	18.964	212	14876	0.253	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	6397	1.045	ng/ul#	79
5) Naphthalene	10.352	128	13128	0.356	ng/ul	99
7) 2-Methylnaphthalene	11.974	142	7069	0.303	ng/ul	100
8) 1-Methylnaphthalene	12.200	142	6840	0.286	ng/ul	99
10) Acenaphthylene	13.895	152	8971	0.230	ng/ul	96
11) Acenaphthene	14.242	153	7085	0.249	ng/ul	99
12) Fluorene	15.236	166	8417	0.262	ng/ul	99
14) Pentachlorophenol	16.591	266	2742	0.456	ng/ul	94
15) Phenanthrene	16.971	178	15674	0.276	ng/ul	97
16) Anthracene	17.064	178	13097	0.251	ng/ul	97
19) Fluoranthene	18.996	202	22201	0.296	ng/ul	99
20) Pyrene	19.359	202	24809	0.310	ng/ul	100
21) Benzo(a)anthracene	21.117	228	18461	0.256	ng/ul	98
22) Chrysene	21.169	228	20168	0.260	ng/ul	97
24) Benzo(b)fluoranthene	22.648	252	18760	0.271	ng/ul	88
25) Benzo(k)fluoranthene	22.689	252	19158	0.252	ng/ul#	87
26) Benzo(a)pyrene	23.192	252	16277	0.245	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.417	276	21454	0.228	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.434	278	16400	0.225	ng/ul	96
29) Benzo(g,h,i)perylene	26.061	276	17547	0.232	ng/ul	99

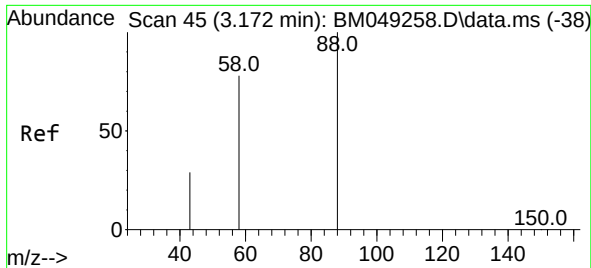
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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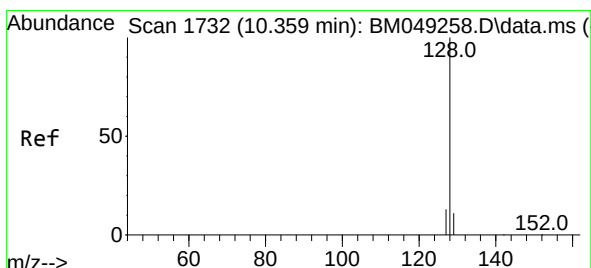
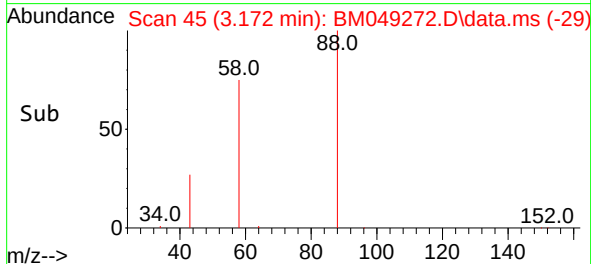
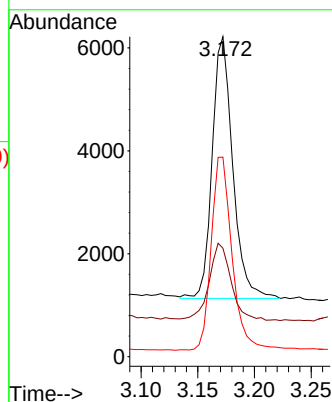
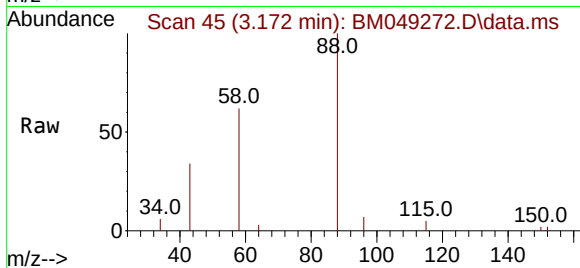




#2
1,4-Dioxane
Concen: 1.045 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

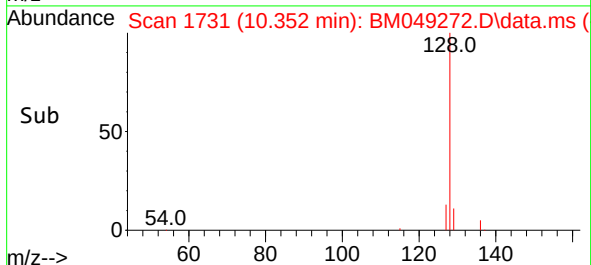
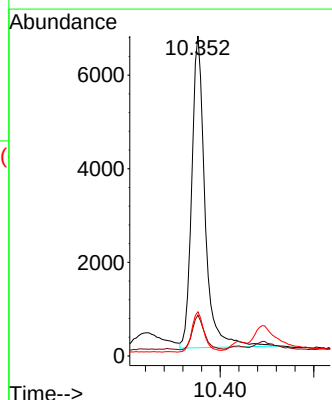
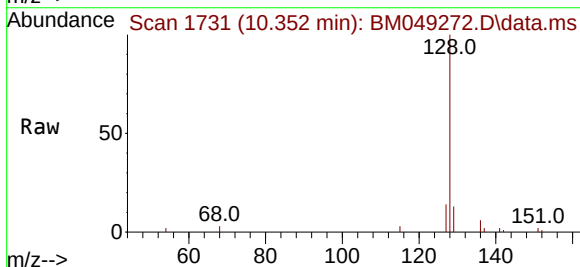
Instrument :
BNA_M
ClientSampleId :
YE634MSD

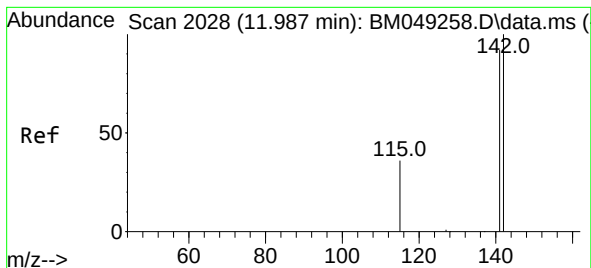
Tgt Ion: 88 Resp: 6397
Ion Ratio Lower Upper
88 100
43 33.9 45.4 68.2#
58 62.4 43.6 65.4



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.352 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion: 128 Resp: 13128
Ion Ratio Lower Upper
128 100
129 12.7 9.7 14.5
127 13.8 10.6 16.0

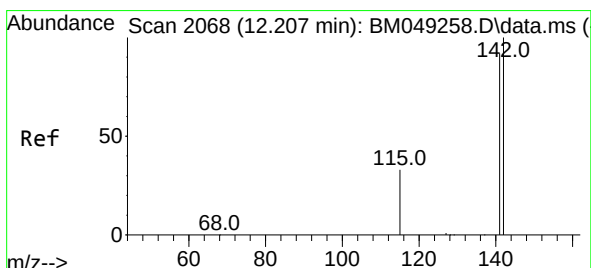
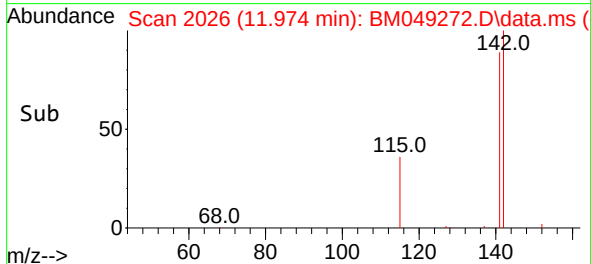
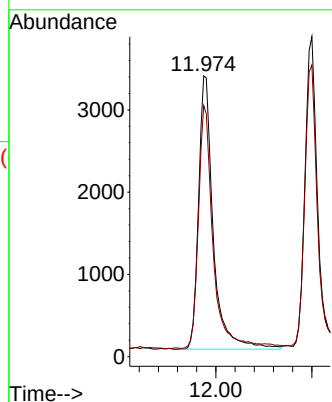
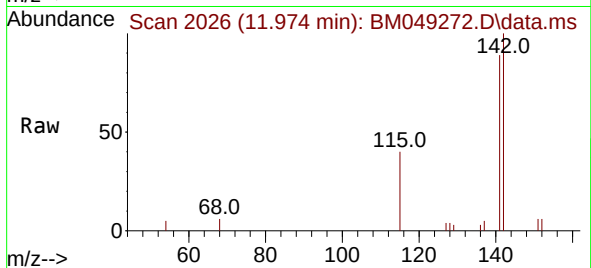




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

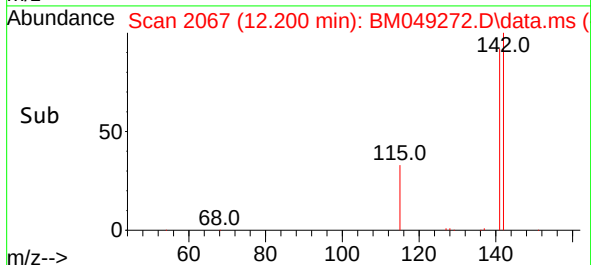
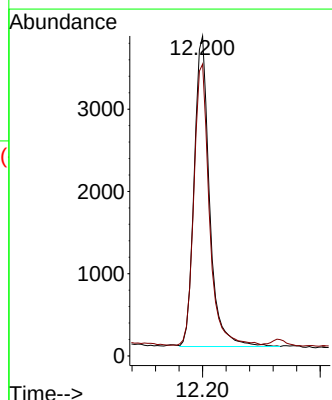
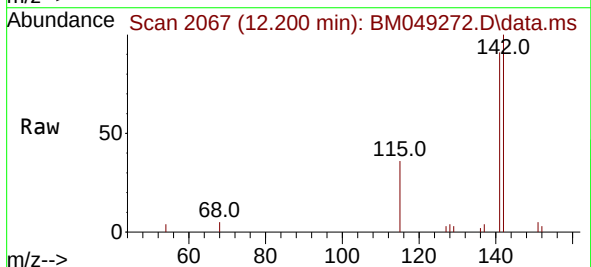
Instrument :
BNA_M
ClientSampleId :
YE634MSD

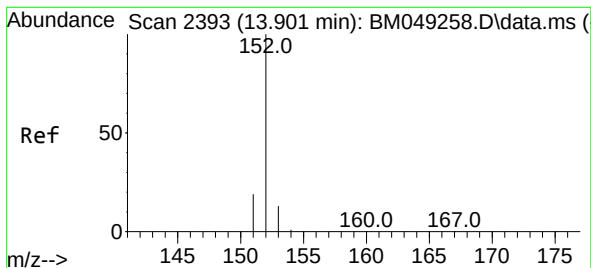
Tgt Ion:142 Resp: 7069
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:142 Resp: 6840
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1





#10

Acenaphthylene

Concen: 0.230 ng/ul

RT: 13.895 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM049272.D

Acq: 28 Dec 2024 02:00

Instrument :

BNA_M

ClientSampleId :

YE634MSD

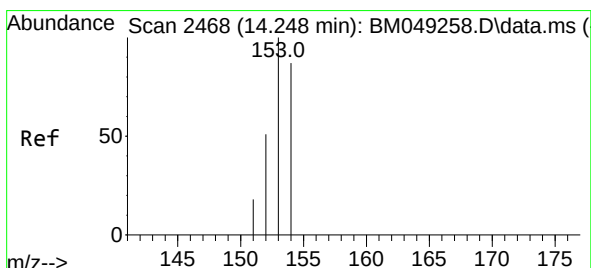
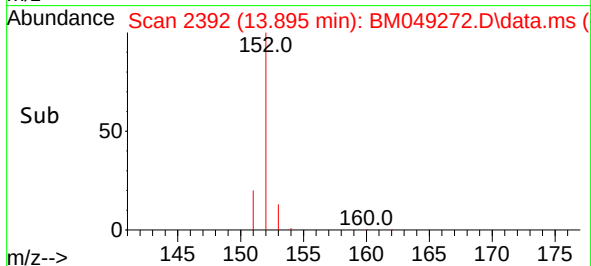
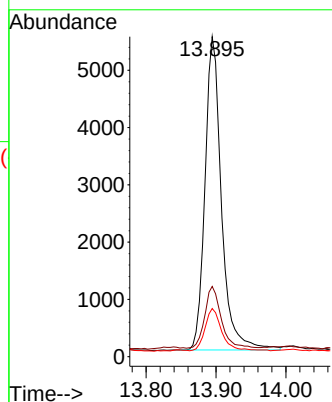
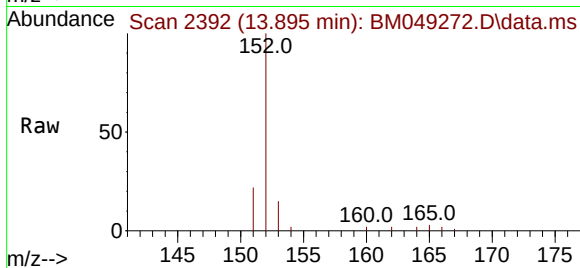
Tgt Ion:152 Resp: 8971

Ion Ratio Lower Upper

152 100

151 21.9 16.0 24.0

153 15.1 11.0 16.6



#11

Acenaphthene

Concen: 0.249 ng/ul

RT: 14.242 min Scan# 2467

Delta R.T. -0.005 min

Lab File: BM049272.D

Acq: 28 Dec 2024 02:00

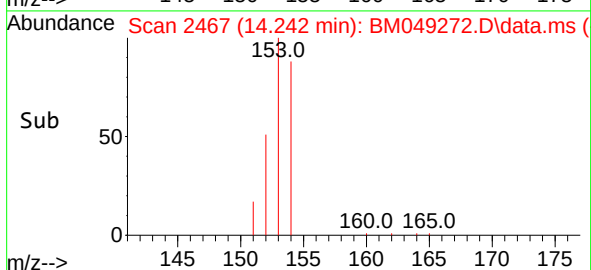
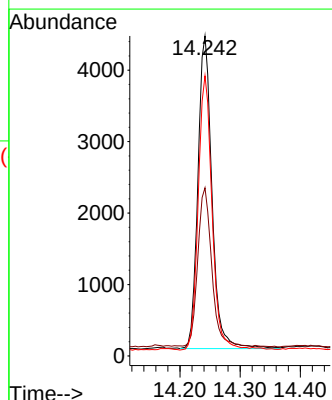
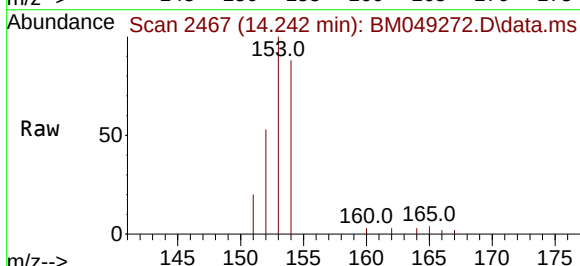
Tgt Ion:153 Resp: 7085

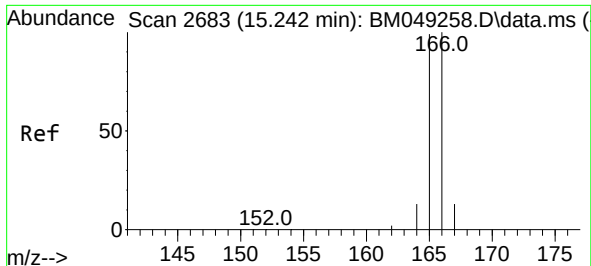
Ion Ratio Lower Upper

153 100

152 52.5 40.7 61.1

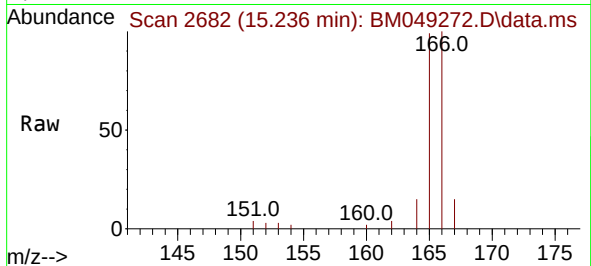
154 87.6 70.8 106.2



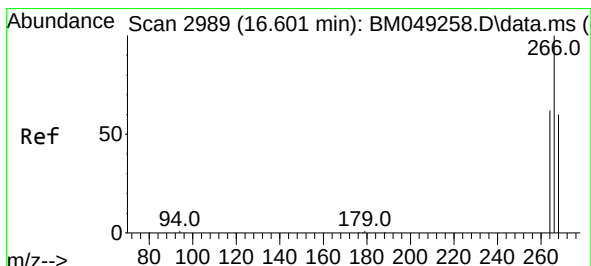
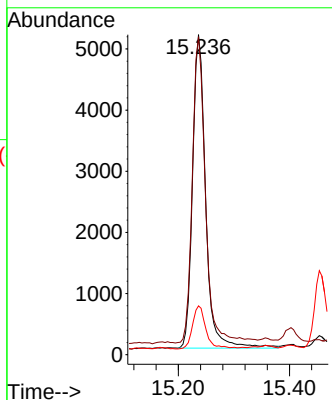
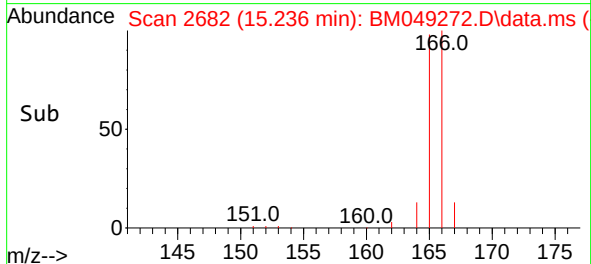


#12
Fluorene
Concen: 0.262 ng/ul
RT: 15.236 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Instrument :
BNA_M
ClientSampleId :
YE634MSD

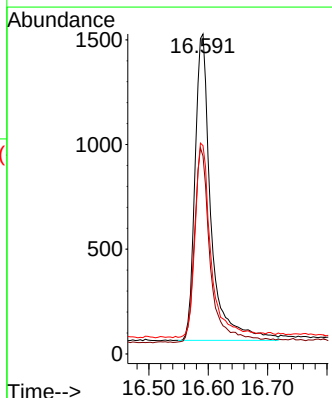
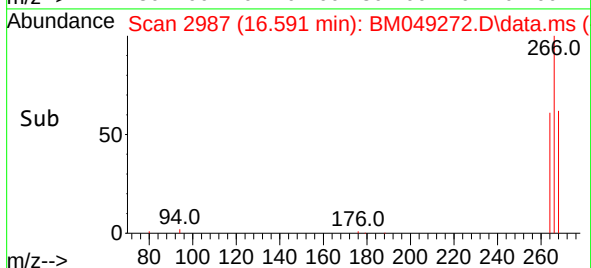
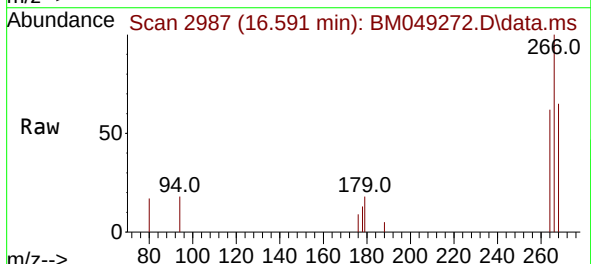


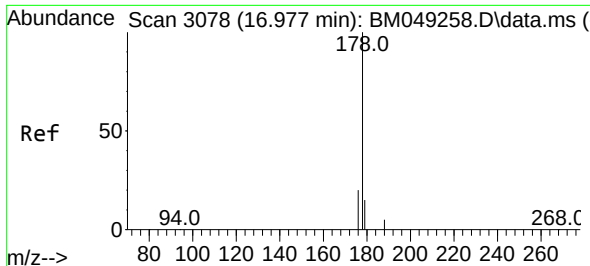
Tgt Ion:166 Resp: 8417
Ion Ratio Lower Upper
166 100
165 99.4 79.7 119.5
167 15.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.456 ng/ul
RT: 16.591 min Scan# 2987
Delta R.T. -0.004 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:266 Resp: 2742
Ion Ratio Lower Upper
266 100
264 64.3 48.3 72.5
268 64.3 47.5 71.3



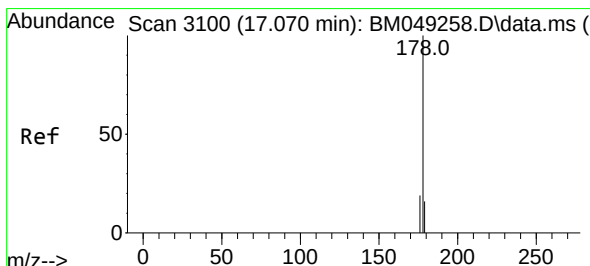
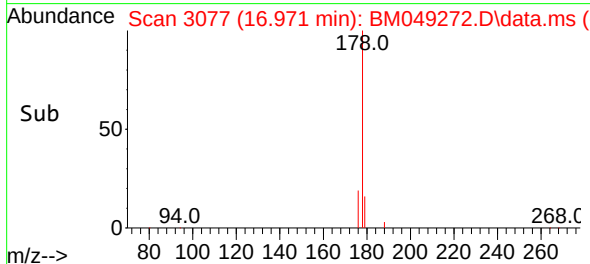
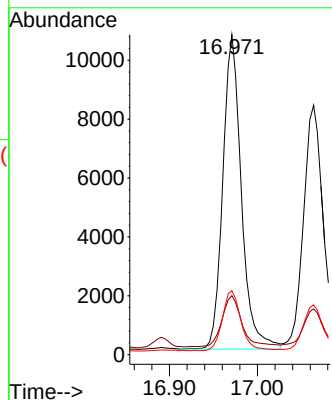
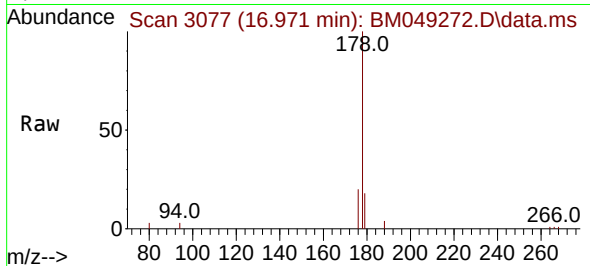


#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Instrument :
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ClientSampleId :
YE634MSD

Tgt Ion:178 Resp: 15674

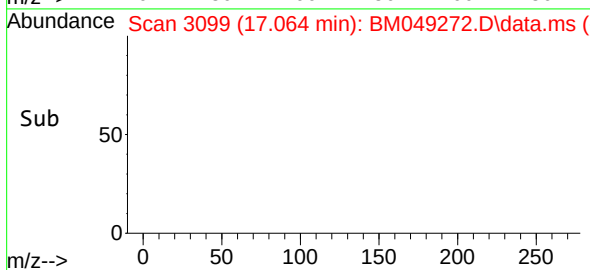
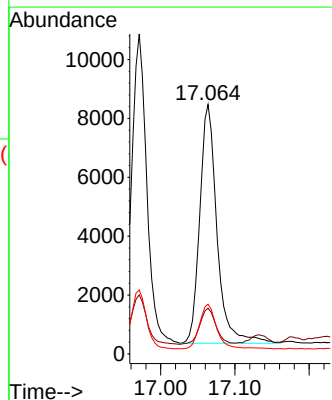
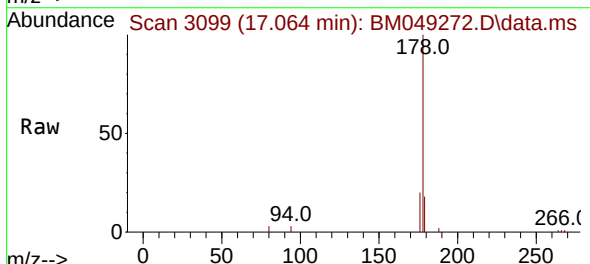
Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.4
176	20.0	16.2	24.2

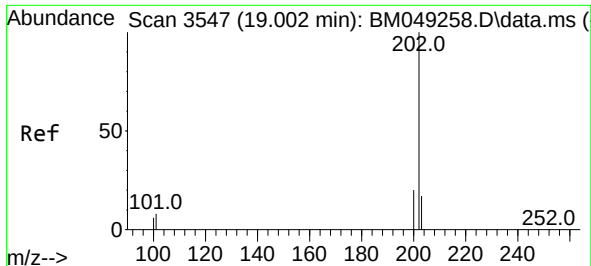


#16
Anthracene
Concen: 0.251 ng/ul
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:178 Resp: 13097

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.9	19.3
176	20.0	15.3	22.9

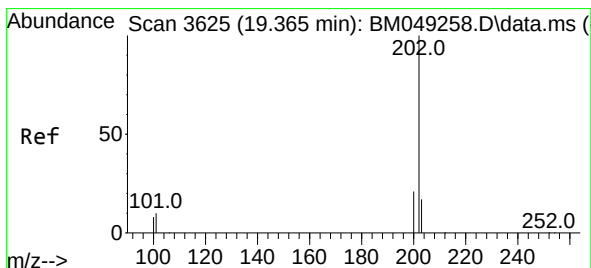
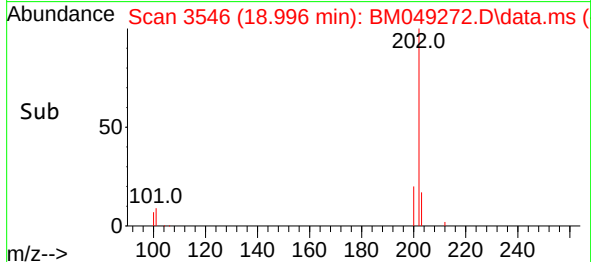
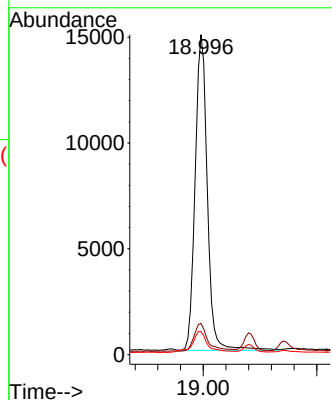
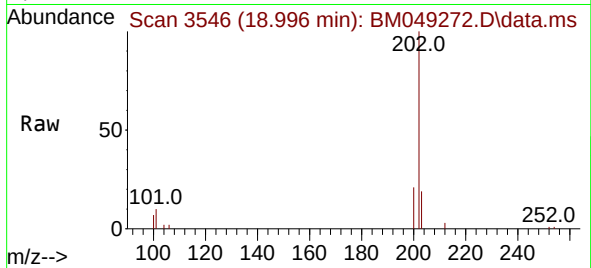




#19
Fluoranthene
Concen: 0.296 ng/ul
RT: 18.996 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

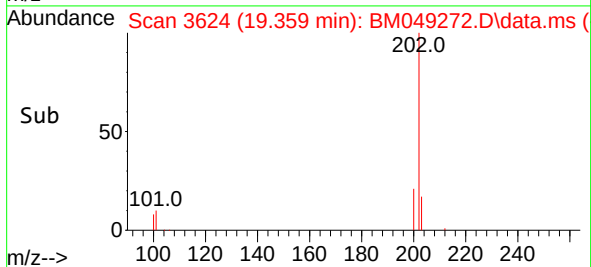
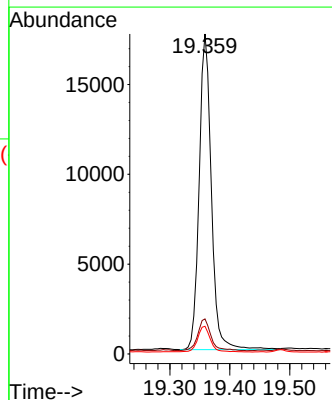
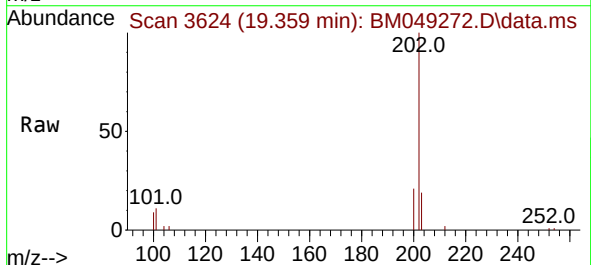
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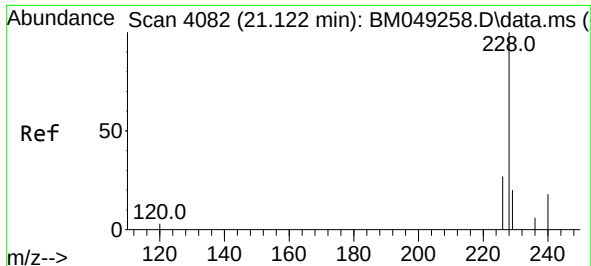
Tgt Ion:202 Resp: 22201
Ion Ratio Lower Upper
202 100
101 9.7 7.6 11.4
100 7.2 5.5 8.3



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.359 min Scan# 3624
Delta R.T. -0.005 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:202 Resp: 24809
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 8.6 6.9 10.3

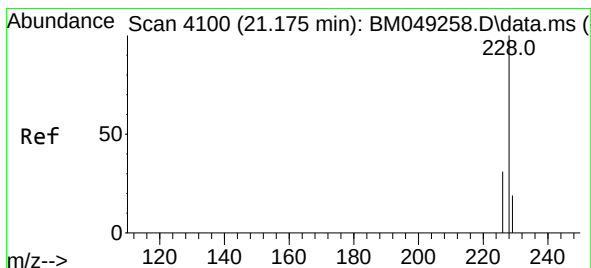
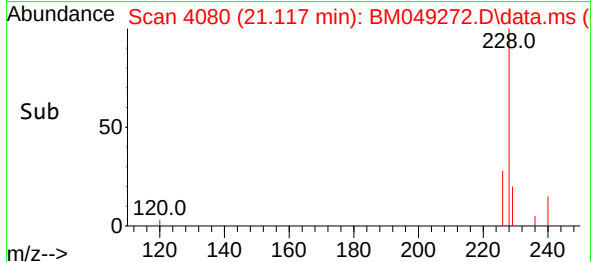
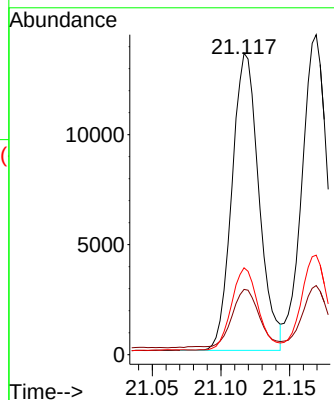
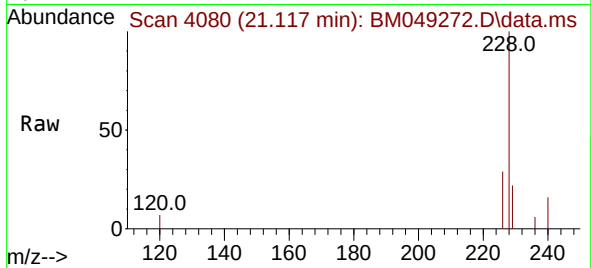




#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.117 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

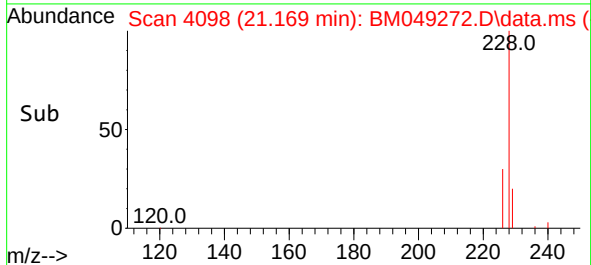
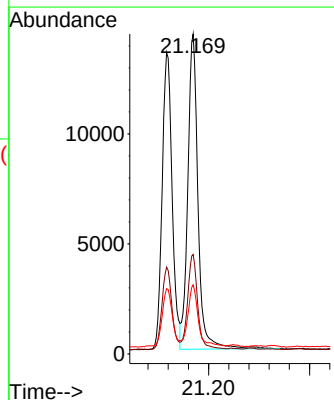
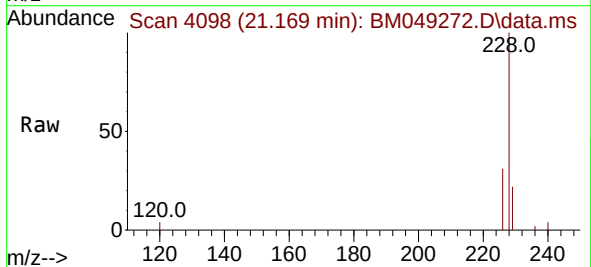
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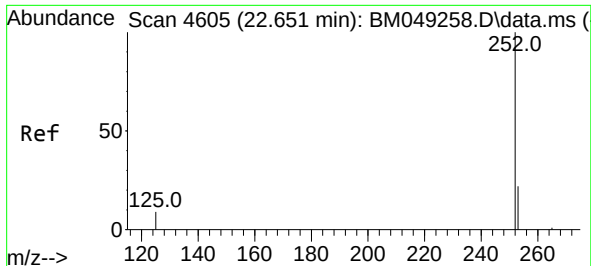
Tgt Ion:228 Resp: 18461
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 28.8 22.6 34.0



#22
Chrysene
Concen: 0.260 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

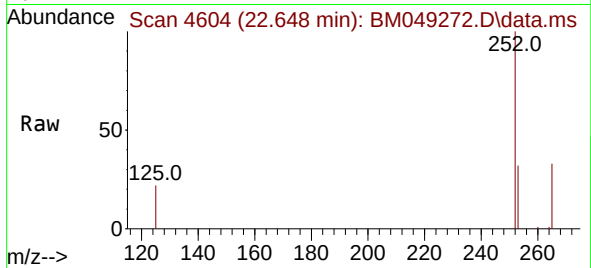
Tgt Ion:228 Resp: 20168
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 21.6 15.8 23.8



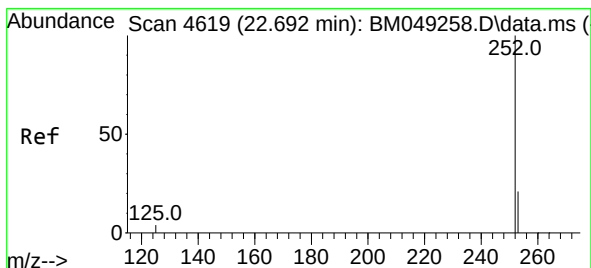
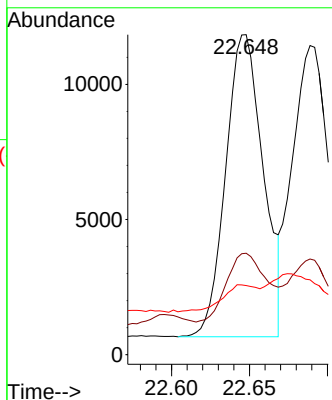


#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.000 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Instrument :
BNA_M
ClientSampleId :
YE634MSD

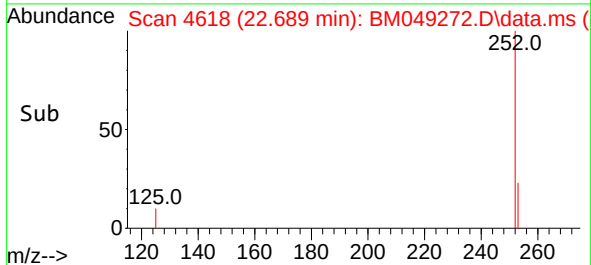
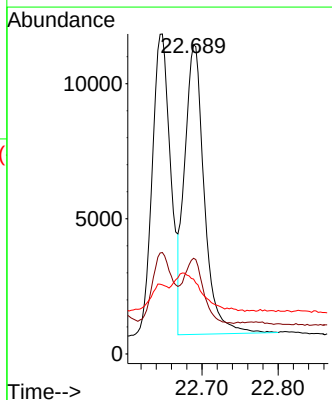
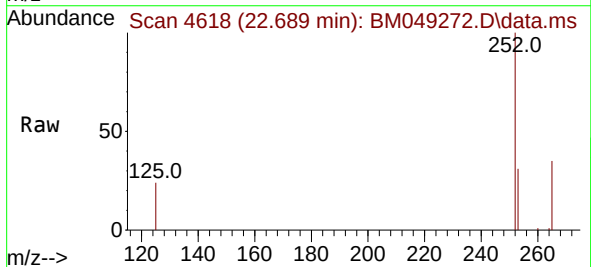


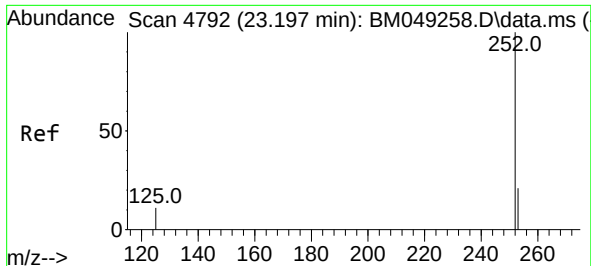
Tgt Ion:252 Resp: 18760
Ion Ratio Lower Upper
252 100
253 31.7 0.0 52.6
125 21.6 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:252 Resp: 19158
Ion Ratio Lower Upper
252 100
253 31.0 21.3 31.9
125 24.2 12.6 18.8#

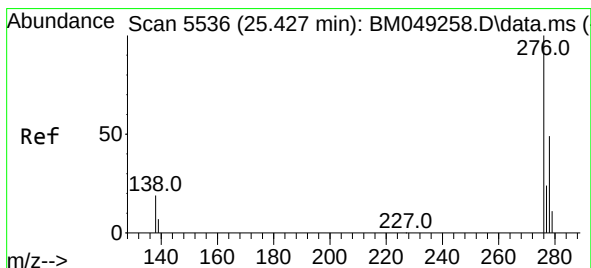
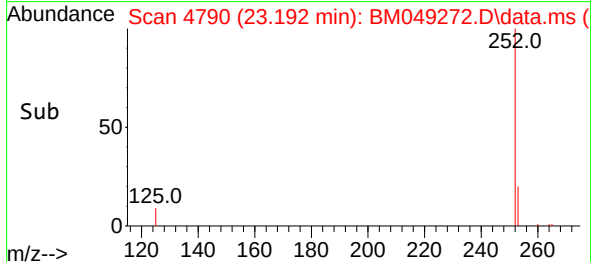
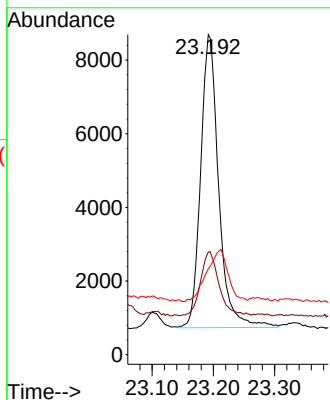
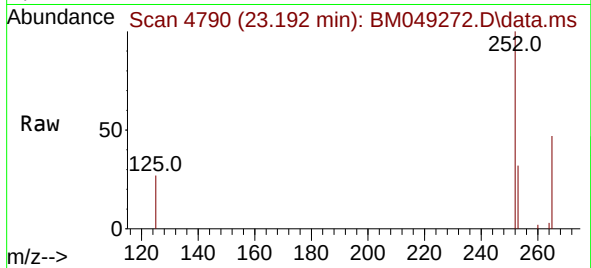




#26
Benzo(a)pyrene
Concen: 0.245 ng/ul
RT: 23.192 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

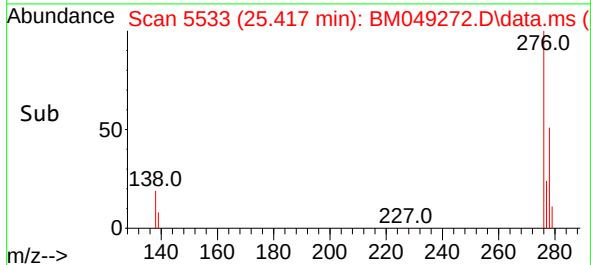
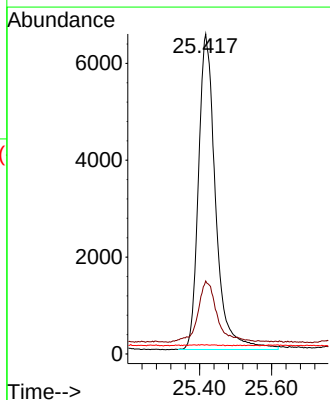
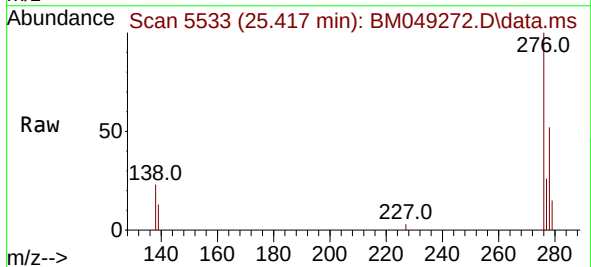
Instrument :
BNA_M
ClientSampleId :
YE634MSD

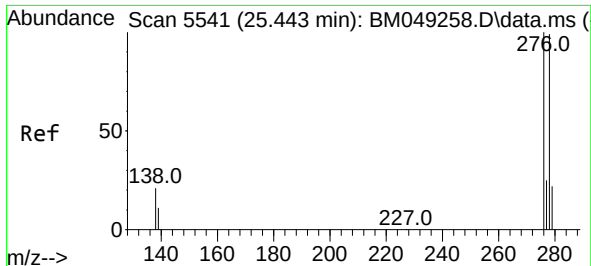
Tgt Ion:252 Resp: 16277
Ion Ratio Lower Upper
252 100
253 32.1 22.4 33.6
125 26.8 14.8 22.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.000 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:276 Resp: 21454
Ion Ratio Lower Upper
276 100
138 21.7 17.4 26.2
227 0.1 0.2 0.2#

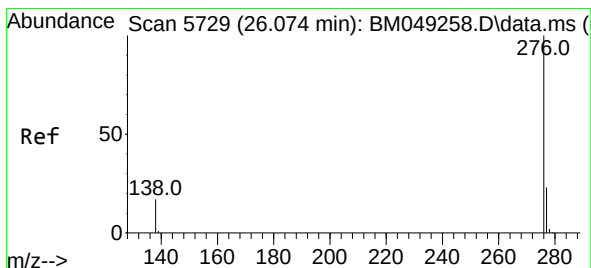
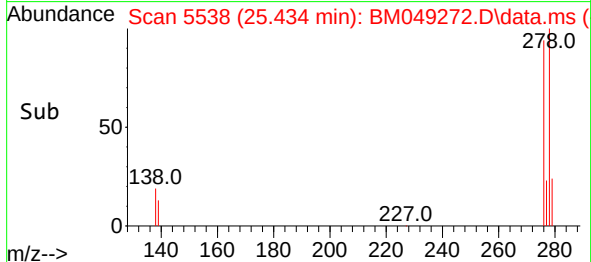
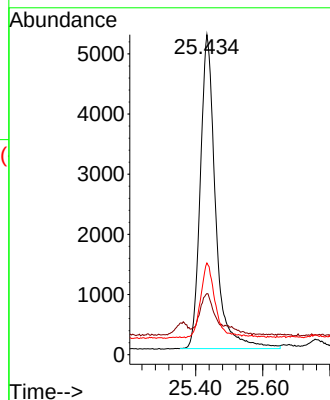
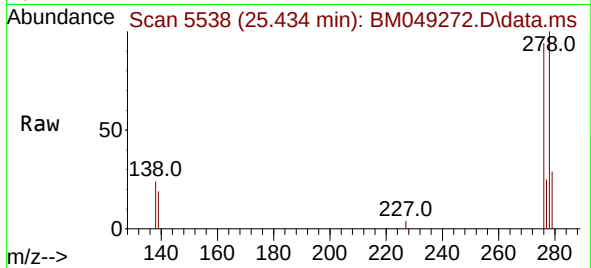




#28
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 25.434 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Instrument :
BNA_M
ClientSampleId :
YE634MSD

Tgt Ion:278 Resp: 16400
Ion Ratio Lower Upper
278 100
139 19.1 13.5 20.3
279 28.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.232 ng/ul
RT: 26.061 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BM049272.D
Acq: 28 Dec 2024 02:00

Tgt Ion:276 Resp: 17547
Ion Ratio Lower Upper
276 100
138 21.5 16.7 25.1
277 25.7 19.9 29.9

