

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049124.D
 Acq On : 21 Dec 2024 06:02
 Operator : RC/JU
 Sample : P5265-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z6

Quant Time: Dec 22 23:05:55 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)

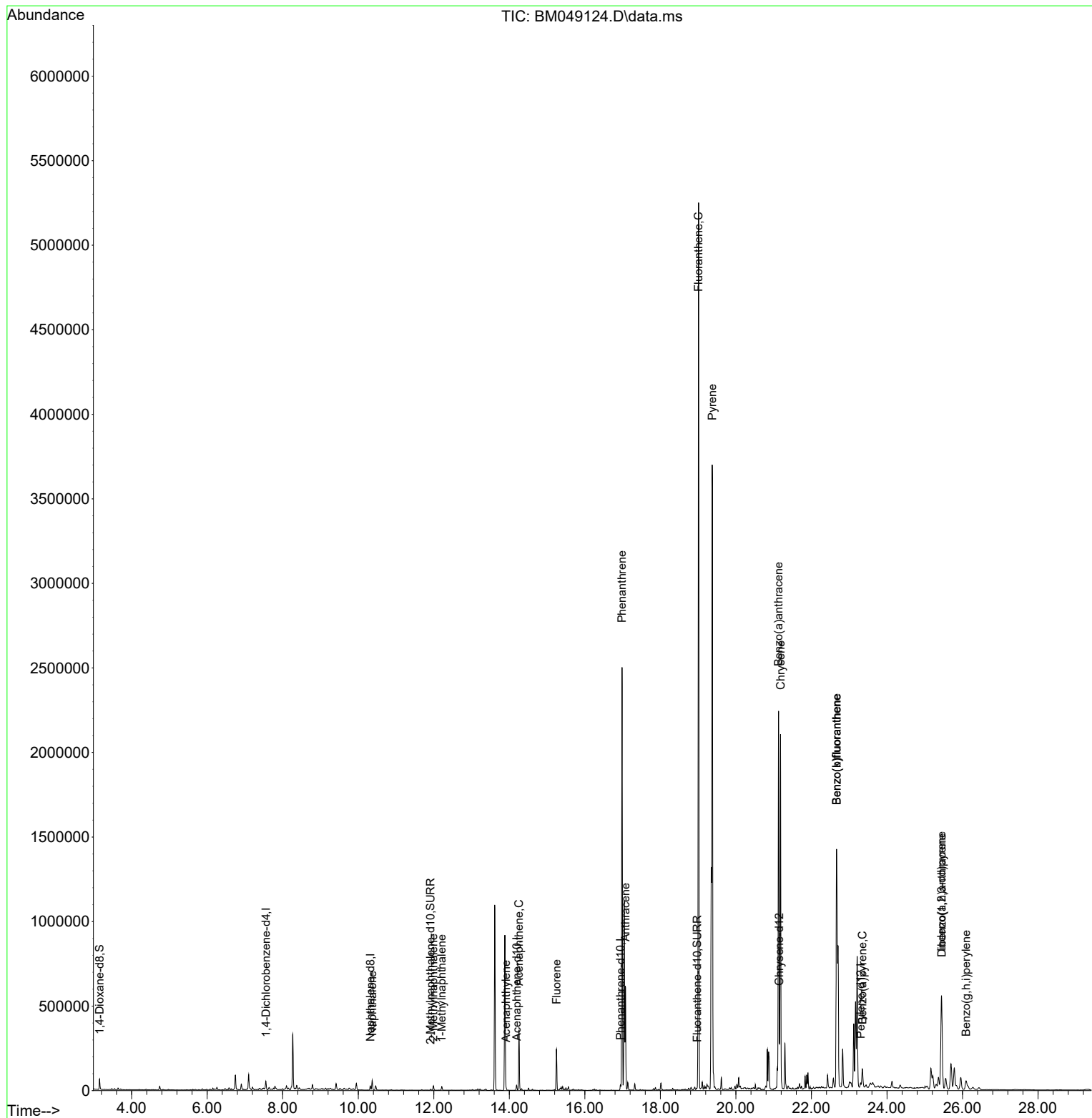
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	9379	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	29641	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.195	164	17251	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.942	188	37952	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	29307	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	33534	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	39152	3.620	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	8477	0.213	ng/ul	-0.01
18) Fluoranthene-d10	18.978	212	14698	0.177	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	70217	0.946	ng/ul	99
7) 2-Methylnaphthalene	11.991	142	19032	0.405	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	15559	0.323	ng/ul	99
10) Acenaphthylene	13.913	152	18789	0.263	ng/ul	97
11) Acenaphthene	14.256	153	191609	3.672	ng/ul	98
12) Fluorene	15.250	166	151363	2.571	ng/ul	97
15) Phenanthrene	16.984	178	2611372	26.345	ng/ul	99
16) Anthracene	17.072	178	625520	6.875	ng/ul	99
19) Fluoranthene	19.010	202	4568218	43.111	ng/ul	100
20) Pyrene	19.373	202	3208356	28.391	ng/ul	99
21) Benzo(a)anthracene	21.129	228	1992985	19.550	ng/ul	99
22) Chrysene	21.181	228	1781307	16.282	ng/ul	98
24) Benzo(b)fluoranthene	22.666	252	3150547	29.407	ng/ul	91
25) Benzo(k)fluoranthene	22.666	252	3150547	26.801	ng/ul#	90
26) Benzo(a)pyrene	23.347	252	124329	1.210	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.444	276	815907	5.611	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.451	278	256975	2.275	ng/ul	98
29) Benzo(g,h,i)perylene	26.095	276	113199	0.968	ng/ul	98

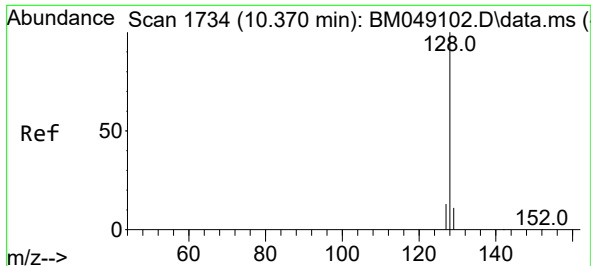
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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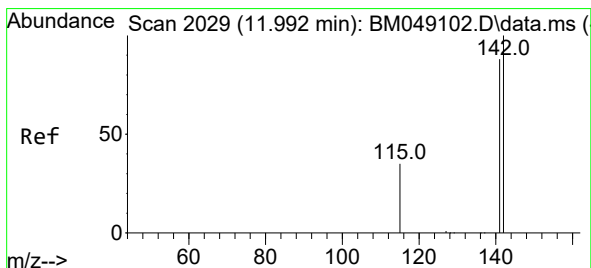
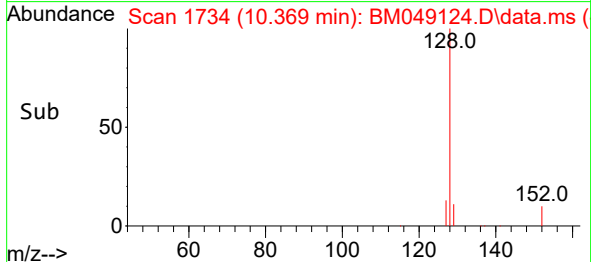
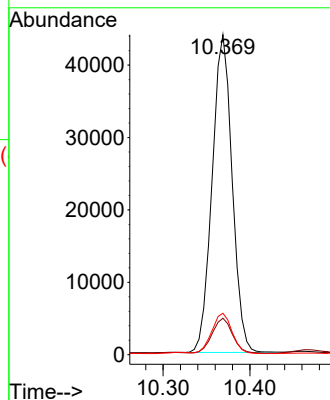
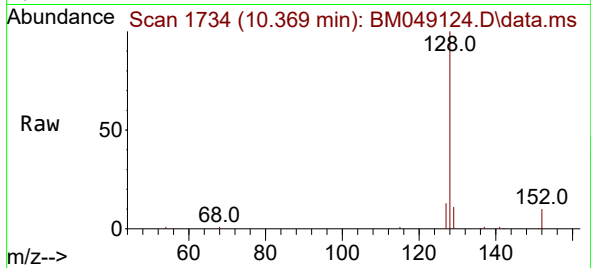




#5
Naphthalene
Concen: 0.946 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

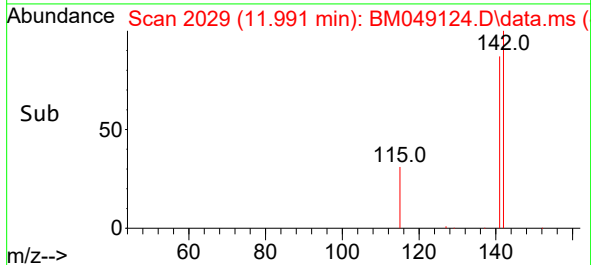
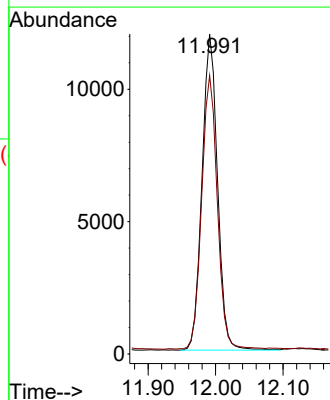
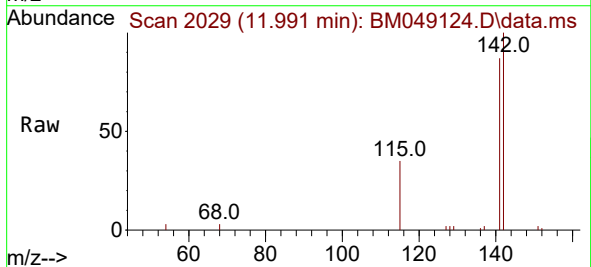
Instrument :
BNA_M
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E28Z6

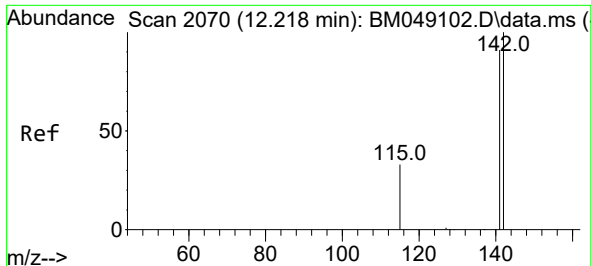
Tgt Ion:128 Resp: 70217
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.0 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Tgt Ion:142 Resp: 19032
Ion Ratio Lower Upper
142 100
141 87.4 71.7 107.5

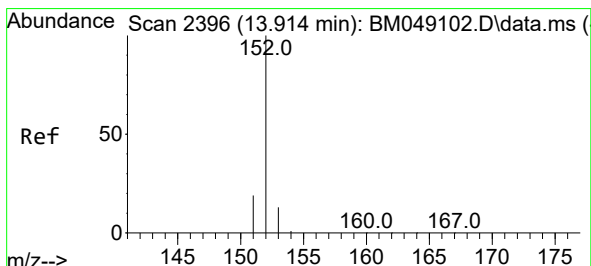
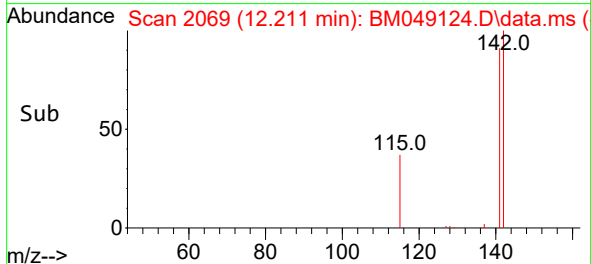
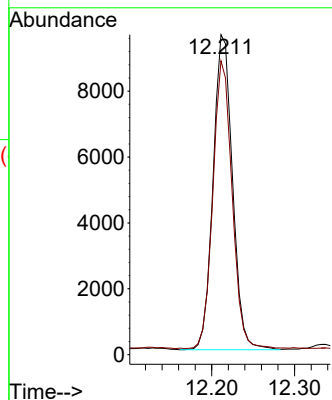
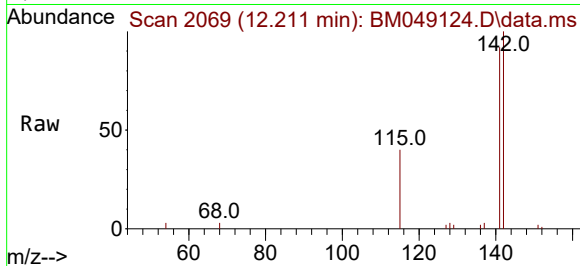




#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.211 min Scan# 2070
Delta R.T. -0.011 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

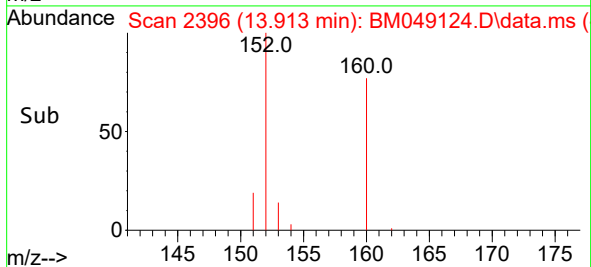
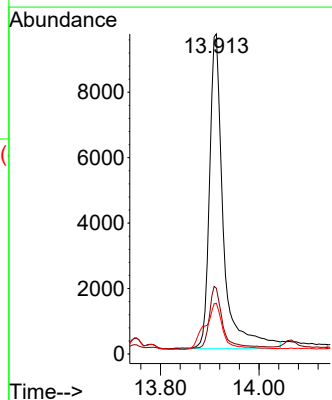
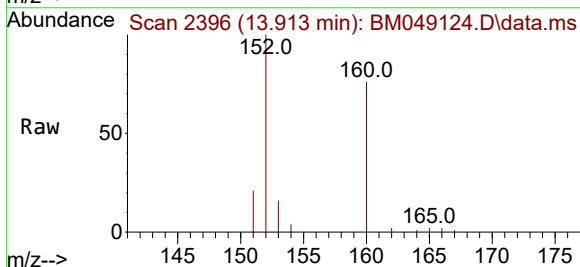
Instrument :
BNA_M
ClientSampleId :
E28Z6

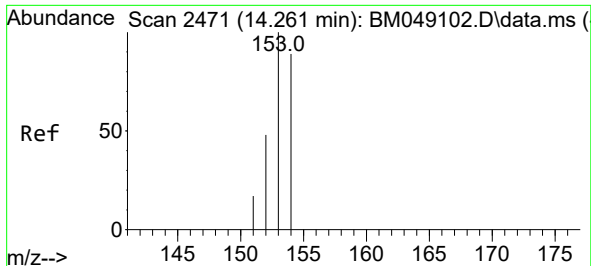
Tgt Ion:142 Resp: 15559
Ion Ratio Lower Upper
142 100
141 90.3 72.7 109.1



#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.913 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Tgt Ion:152 Resp: 18789
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 15.8 11.0 16.6

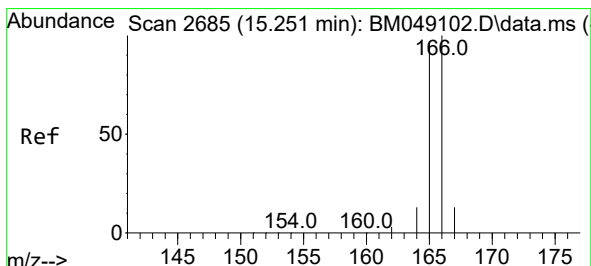
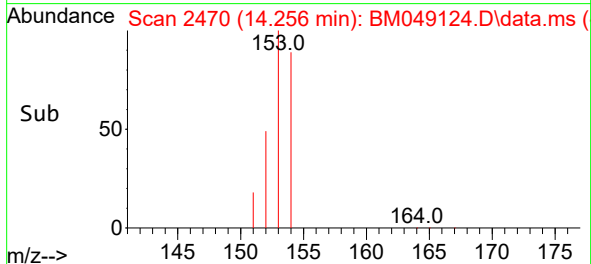
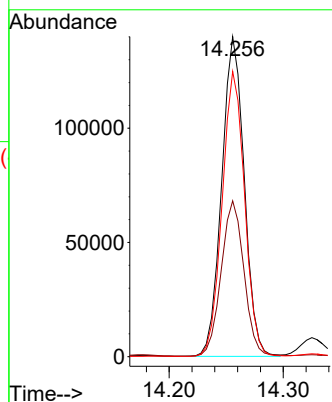
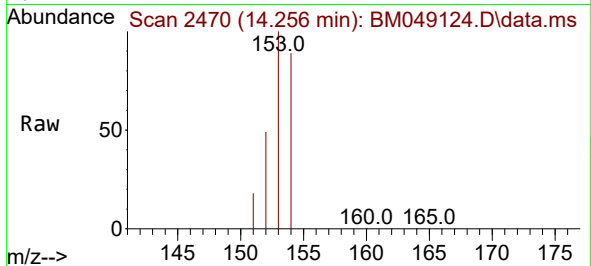




#11
Acenaphthene
Concen: 3.672 ng/ul
RT: 14.256 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

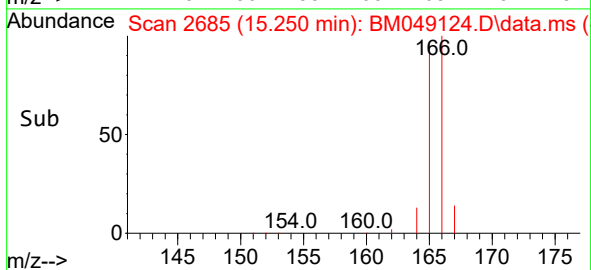
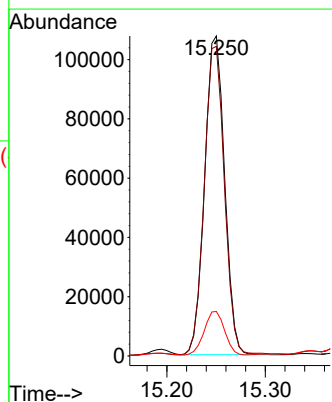
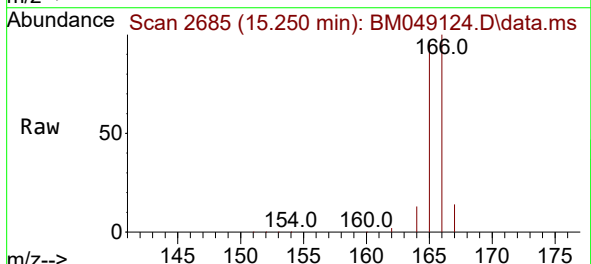
Instrument :
BNA_M
ClientSampleId :
E28Z6

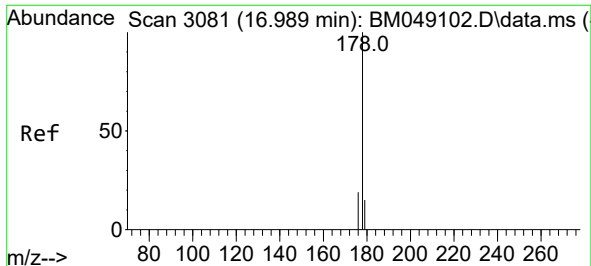
Tgt Ion:153 Resp: 191609
Ion Ratio Lower Upper
153 100
152 48.7 40.7 61.1
154 89.1 70.8 106.2



#12
Fluorene
Concen: 2.571 ng/ul
RT: 15.250 min Scan# 2685
Delta R.T. -0.005 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Tgt Ion:166 Resp: 151363
Ion Ratio Lower Upper
166 100
165 96.8 79.7 119.5
167 13.9 11.4 17.0

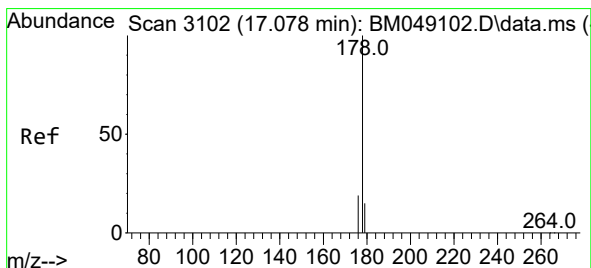
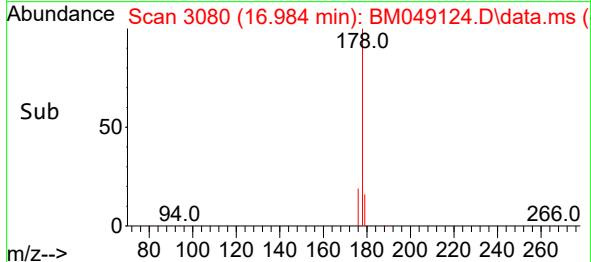
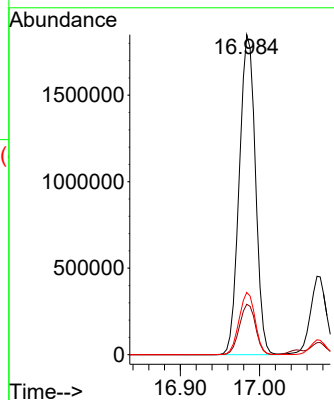
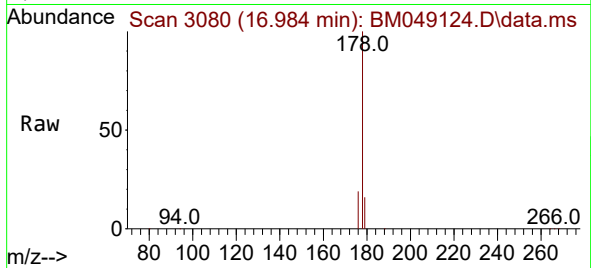




#15
Phenanthrene
Concen: 26.345 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

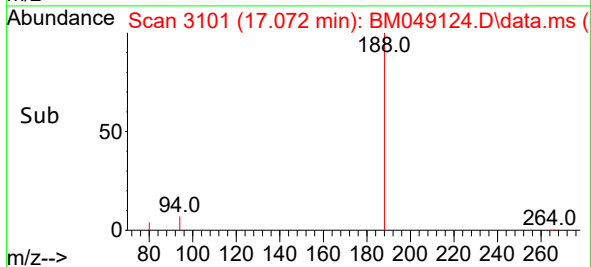
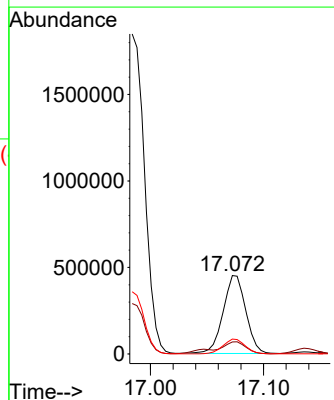
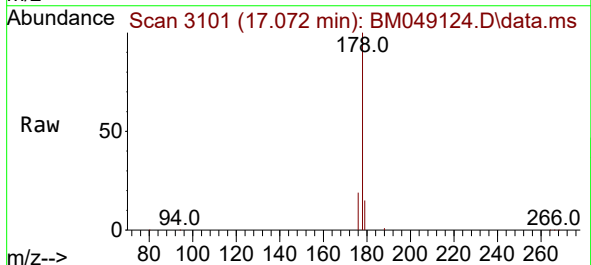
Instrument :
BNA_M
ClientSampleId :
E28Z6

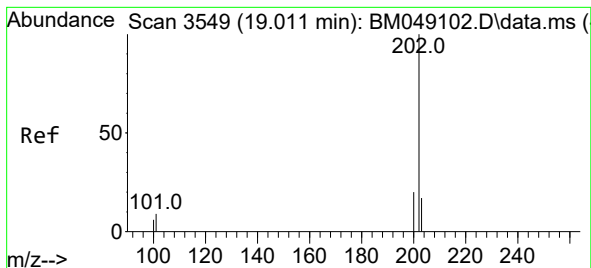
Tgt Ion:178 Resp: 2611372
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.5 16.2 24.2



#16
Anthracene
Concen: 6.875 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Tgt Ion:178 Resp: 625520
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.1 15.3 22.9





#19

Fluoranthene

Concen: 43.111 ng/ul

RT: 19.010 min Scan# 3549

Delta R.T. -0.005 min

Lab File: BM049124.D

Acq: 21 Dec 2024 06:02

Instrument :

BNA_M

ClientSampleId :

E28Z6

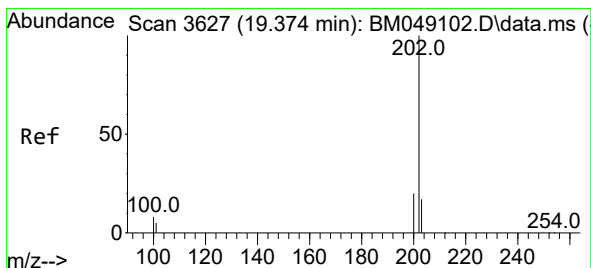
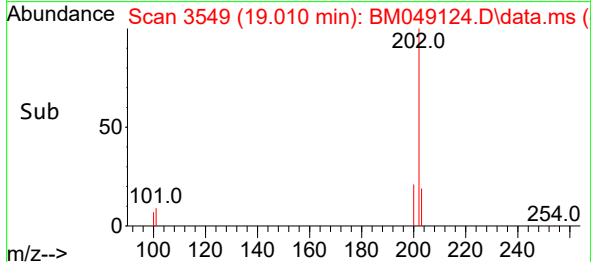
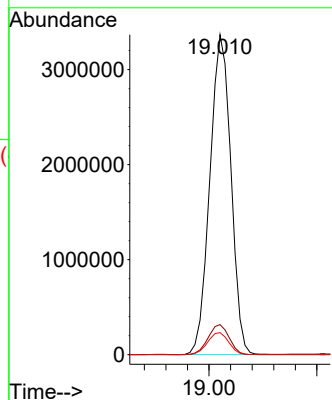
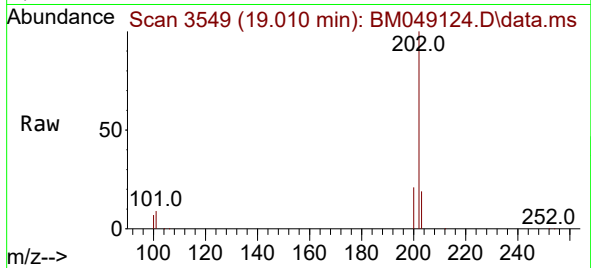
Tgt Ion:202 Resp: 4568218

Ion Ratio Lower Upper

202 100

101 9.4 7.6 11.4

100 6.9 5.5 8.3



#20

Pyrene

Concen: 28.391 ng/ul

RT: 19.373 min Scan# 3627

Delta R.T. -0.005 min

Lab File: BM049124.D

Acq: 21 Dec 2024 06:02

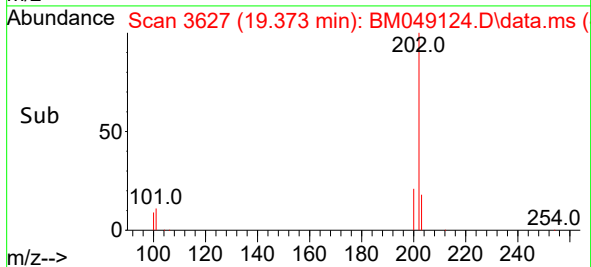
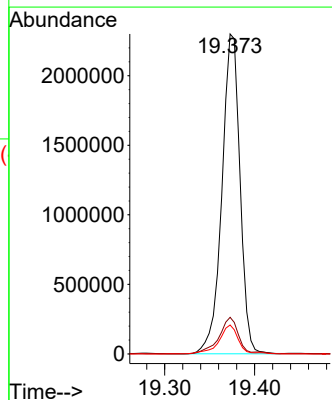
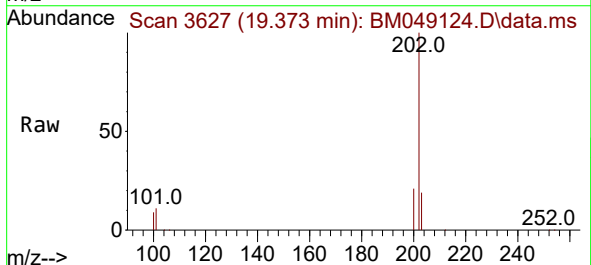
Tgt Ion:202 Resp: 3208356

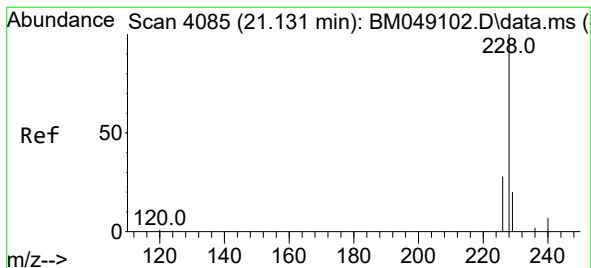
Ion Ratio Lower Upper

202 100

101 11.5 8.9 13.3

100 9.1 6.9 10.3





#21

Benzo(a)anthracene

Concen: 19.550 ng/ul

RT: 21.129 min Scan# 4085

Delta R.T. -0.003 min

Lab File: BM049124.D

Acq: 21 Dec 2024 06:02

Instrument :

BNA_M

ClientSampleId :

E28Z6

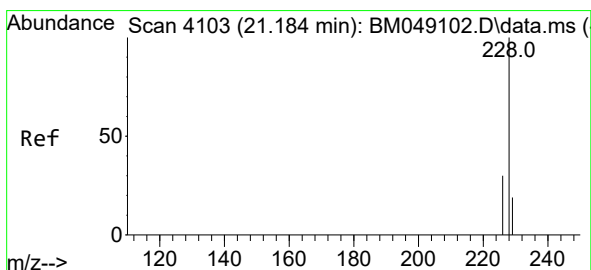
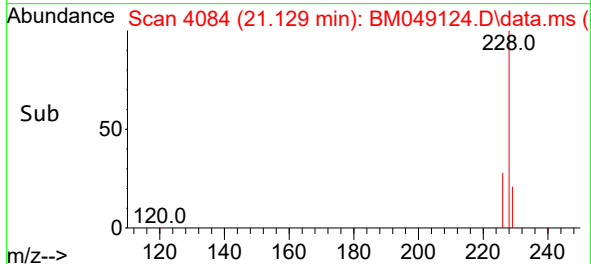
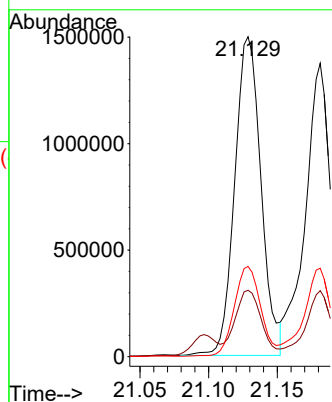
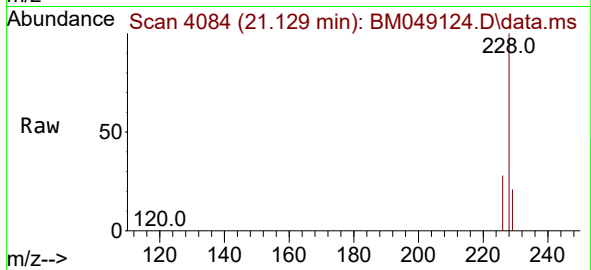
Tgt Ion:228 Resp: 1992985

Ion Ratio Lower Upper

228 100

229 20.7 15.9 23.9

226 28.2 22.6 34.0



#22

Chrysene

Concen: 16.282 ng/ul

RT: 21.181 min Scan# 4102

Delta R.T. -0.003 min

Lab File: BM049124.D

Acq: 21 Dec 2024 06:02

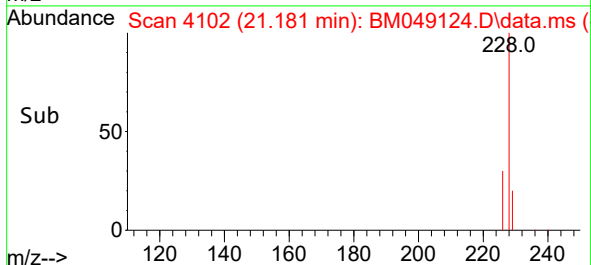
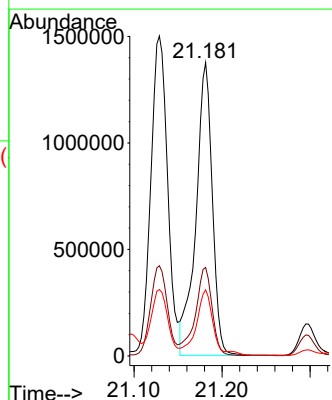
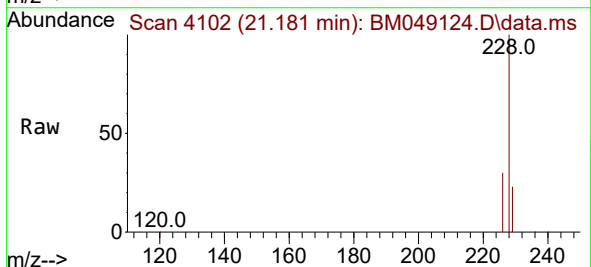
Tgt Ion:228 Resp: 1781307

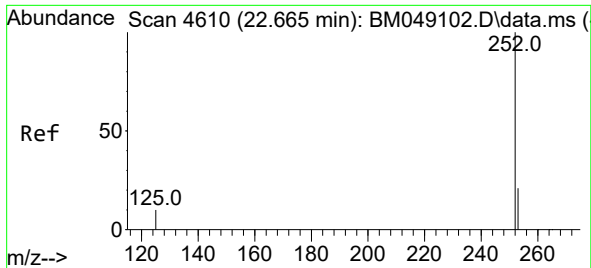
Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 22.5 15.8 23.8

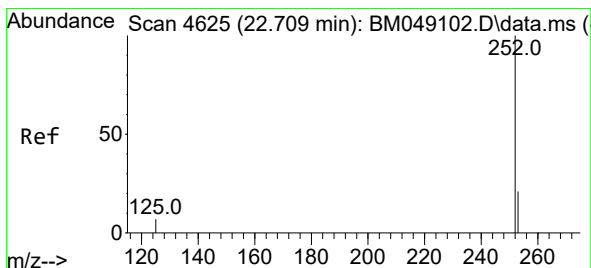
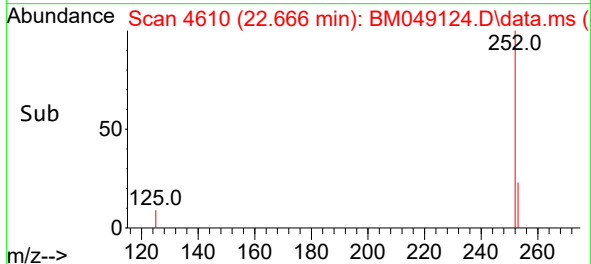
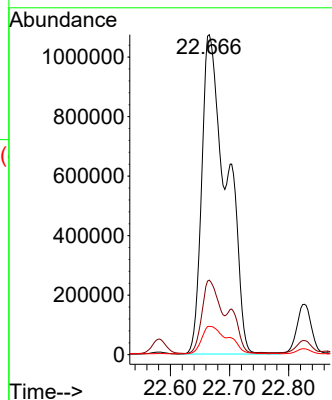
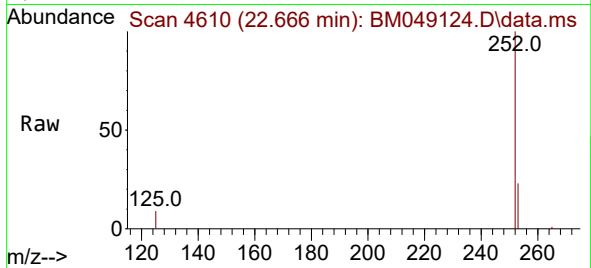




#24
Benzo(b)fluoranthene
Concen: 29.407 ng/ul
RT: 22.666 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

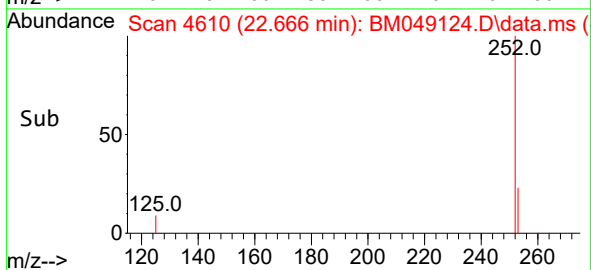
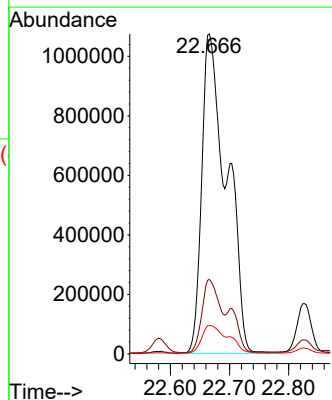
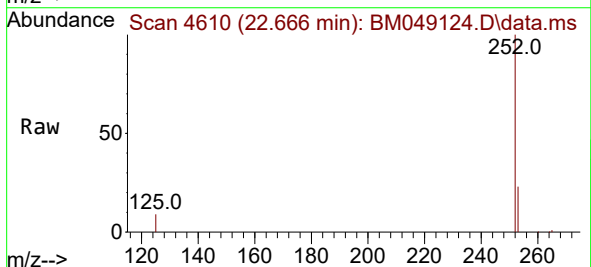
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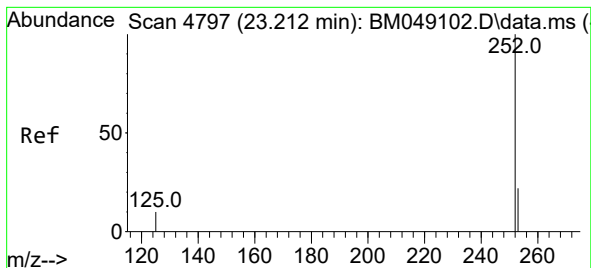
Tgt Ion:252 Resp: 3150547
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.6
125 8.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 26.801 ng/ul
RT: 22.666 min Scan# 4610
Delta R.T. -0.041 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Tgt Ion:252 Resp: 3150547
Ion Ratio Lower Upper
252 100
253 23.3 21.3 31.9
125 8.9 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 1.210 ng/ul

RT: 23.347 min Scan# 4

Delta R.T. 0.138 min

Lab File: BM049124.D

Acq: 21 Dec 2024 06:02

Instrument :

BNA_M

ClientSampleId :

E28Z6

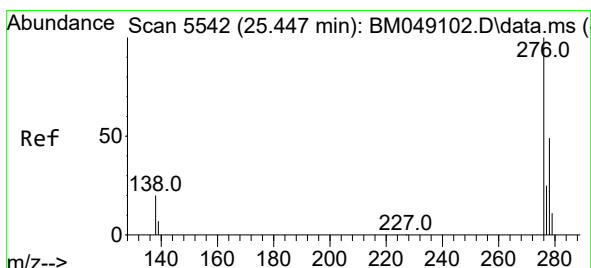
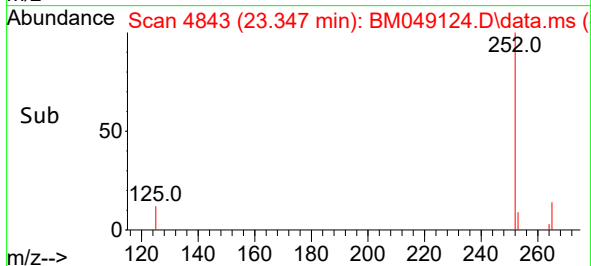
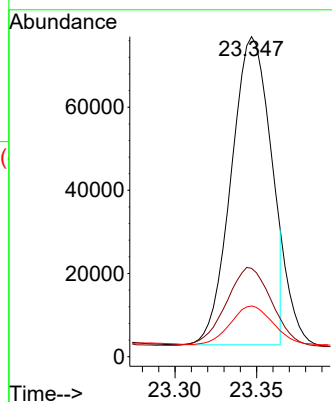
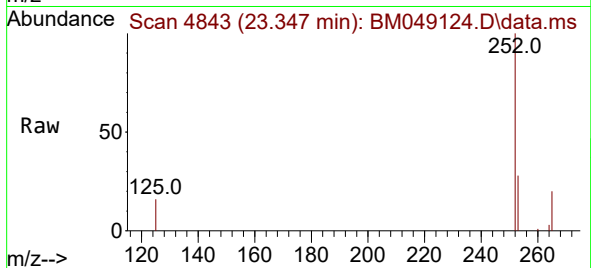
Tgt Ion:252 Resp: 124329

Ion Ratio Lower Upper

252 100

253 27.6 22.4 33.6

125 15.8 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.611 ng/ul

RT: 25.444 min Scan# 5541

Delta R.T. -0.003 min

Lab File: BM049124.D

Acq: 21 Dec 2024 06:02

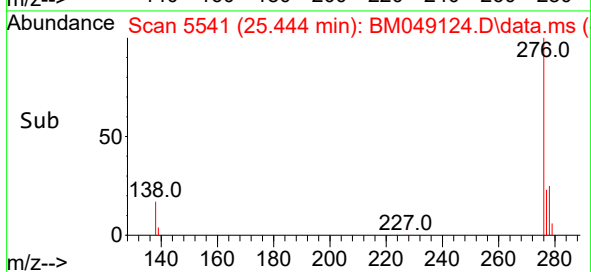
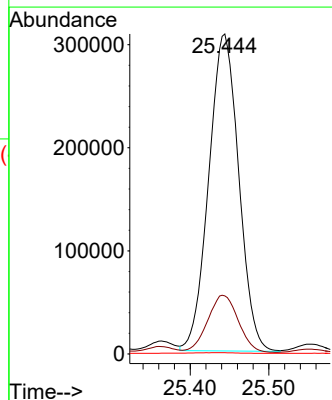
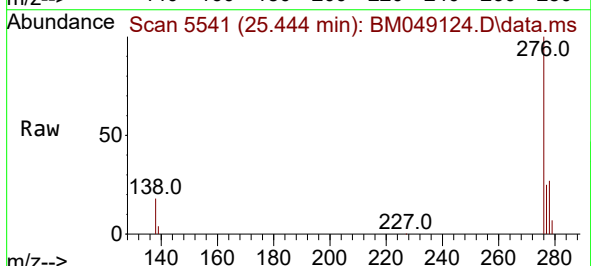
Tgt Ion:276 Resp: 815907

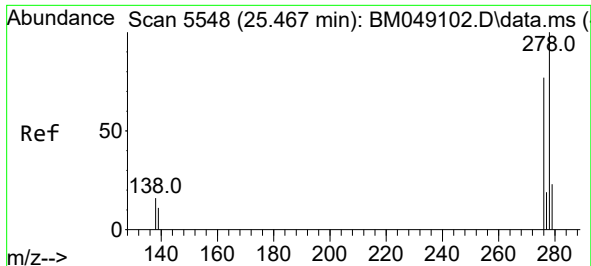
Ion Ratio Lower Upper

276 100

138 18.4 17.4 26.2

227 0.3 0.2 0.2#

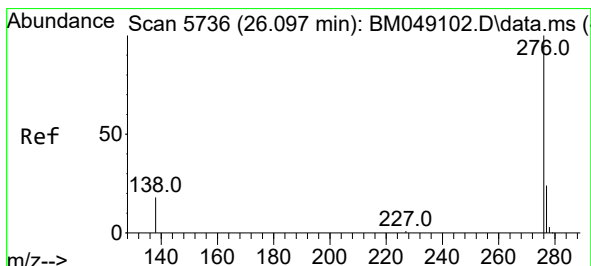
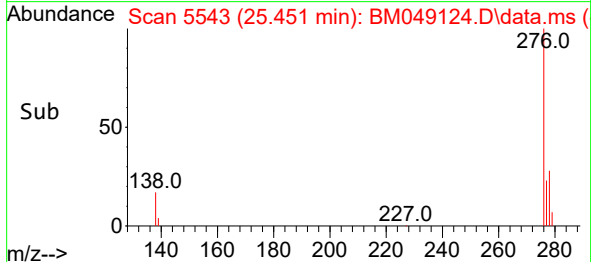
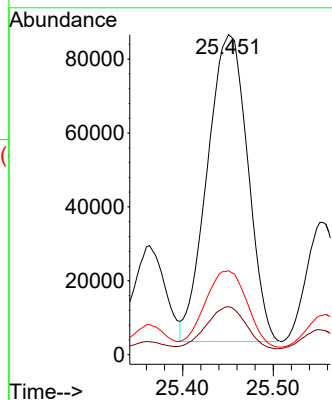
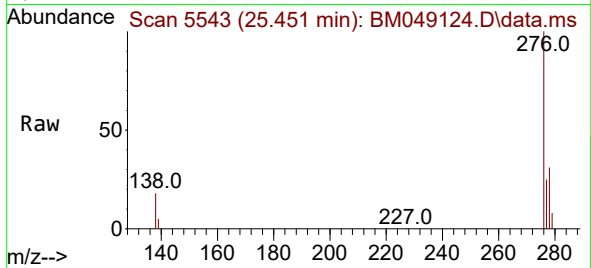




#28
Dibenzo(a,h)anthracene
Concen: 2.275 ng/ul
RT: 25.451 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Instrument :
BNA_M
ClientSampleId :
E28Z6

Tgt Ion:278 Resp: 256975
Ion Ratio Lower Upper
278 100
139 15.0 13.5 20.3
279 26.2 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.968 ng/ul
RT: 26.095 min Scan# 5735
Delta R.T. 0.000 min
Lab File: BM049124.D
Acq: 21 Dec 2024 06:02

Tgt Ion:276 Resp: 113199
Ion Ratio Lower Upper
276 100
138 20.4 16.7 25.1
277 26.2 19.9 29.9

