

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049129.D
 Acq On : 21 Dec 2024 09:02
 Operator : RC/JU
 Sample : P5265-17DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2902DL

Quant Time: Dec 22 23:06:53 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)

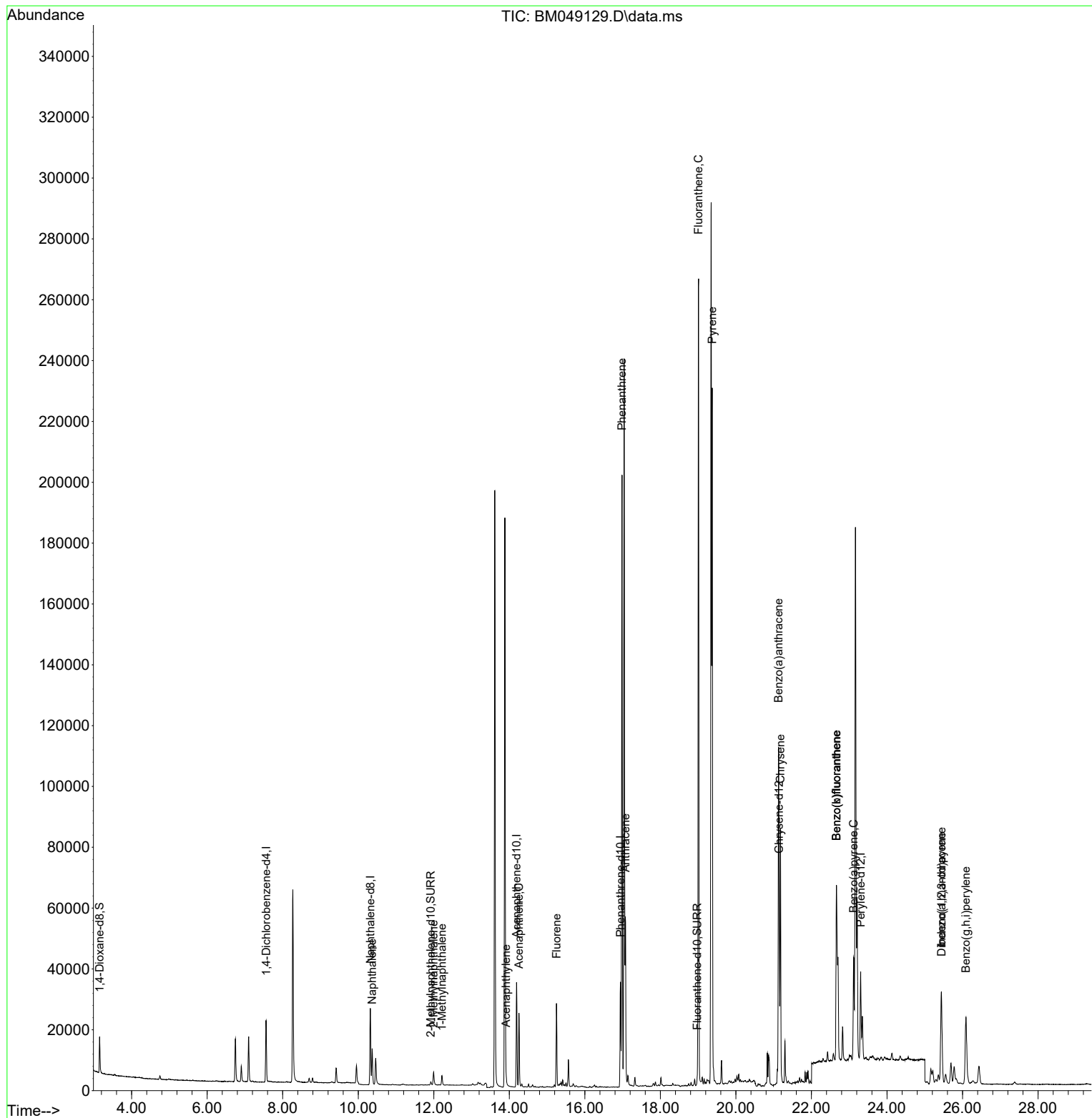
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	10738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	33671	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	19439	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.942	188	40786	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	33565	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	35472	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7477	0.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1657	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	3150	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.369	128	14195	0.168	ng/ul	100
7) 2-Methylnaphthalene	11.997	142	3929	0.074	ng/ul	97
8) 1-Methylnaphthalene	12.217	142	2539	0.046	ng/ul	99
10) Acenaphthylene	13.913	152	2024	0.025	ng/ul#	78
11) Acenaphthene	14.256	153	13792	0.235	ng/ul	99
12) Fluorene	15.250	166	17426	0.263	ng/ul	98
15) Phenanthrene	16.984	178	208186	1.954	ng/ul	98
16) Anthracene	17.072	178	53754	0.550	ng/ul	100
19) Fluoranthene	19.010	202	242474	1.998	ng/ul	97
20) Pyrene	19.373	202	190213	1.470	ng/ul	97
21) Benzo(a)anthracene	21.129	228	92256	0.790	ng/ul	99
22) Chrysene	21.178	228	77817	0.621	ng/ul	97
24) Benzo(b)fluoranthene	22.663	252	132836	1.172	ng/ul	95
25) Benzo(k)fluoranthene	22.663	252	132836	1.068	ng/ul#	94
26) Benzo(a)pyrene	23.116	252	43461	0.400	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.440	276	47648	0.310	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.447	278	10797	0.090	ng/ul#	83
29) Benzo(g,h,i)perylene	26.091	276	45512	0.368	ng/ul	99

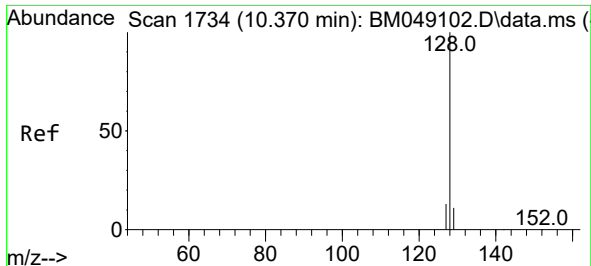
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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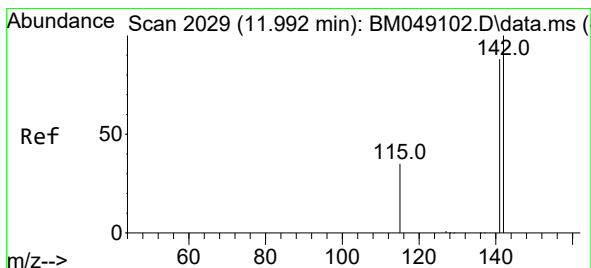
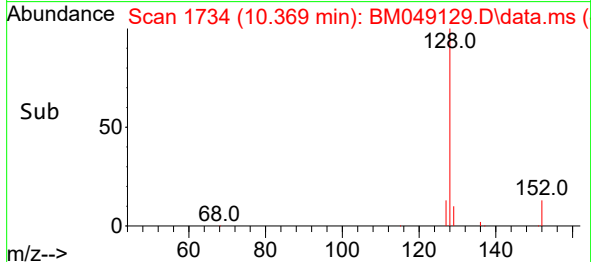
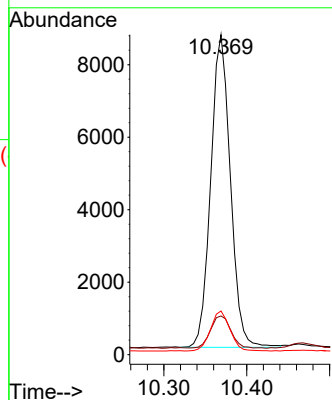
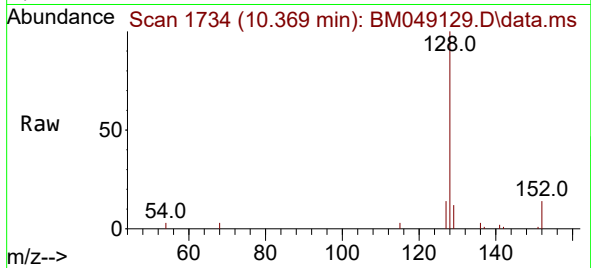




#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.369 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

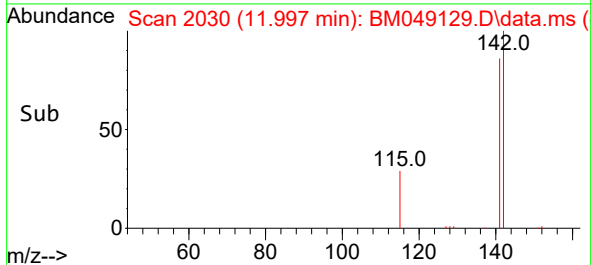
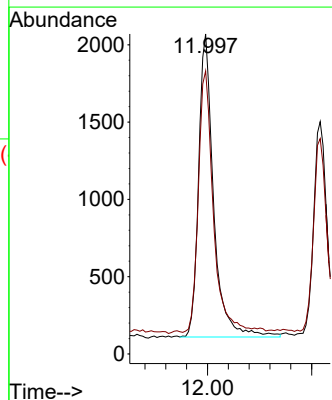
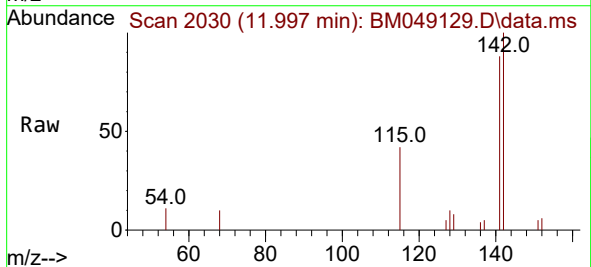
Instrument :
BNA_M
ClientSampleId :
E2902DL

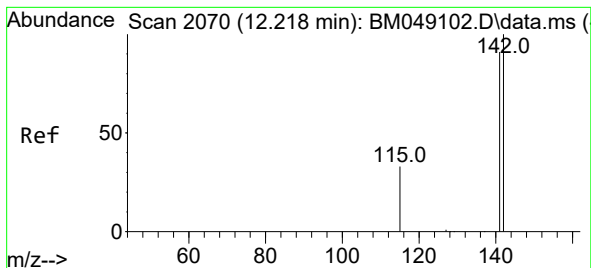
Tgt Ion:128 Resp: 14195
Ion Ratio Lower Upper
128 100
129 12.1 9.7 14.5
127 13.6 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:142 Resp: 3929
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.046 ng/ul

RT: 12.217 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

Instrument :

BNA_M

ClientSampleId :

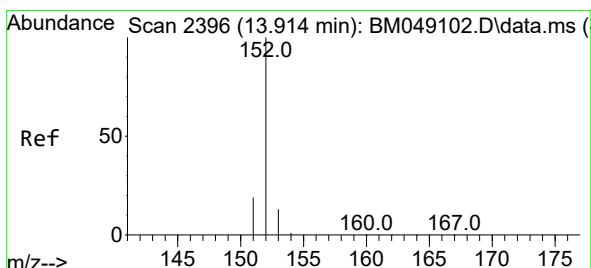
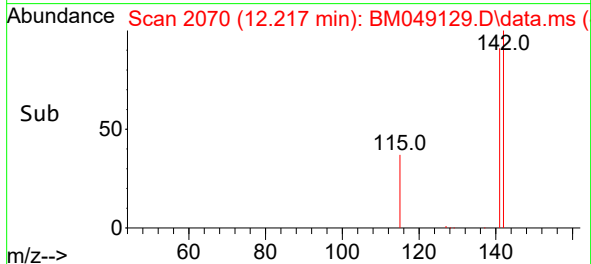
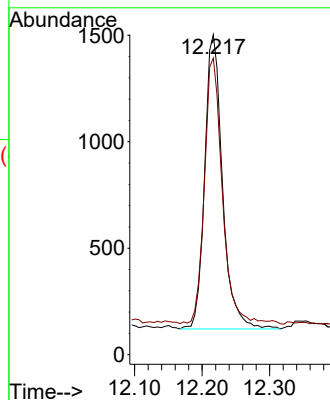
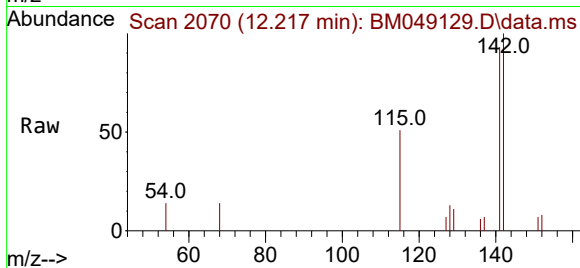
E2902DL

Tgt Ion:142 Resp: 2539

Ion Ratio Lower Upper

142 100

141 91.5 72.7 109.1



#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.913 min Scan# 2396

Delta R.T. -0.005 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

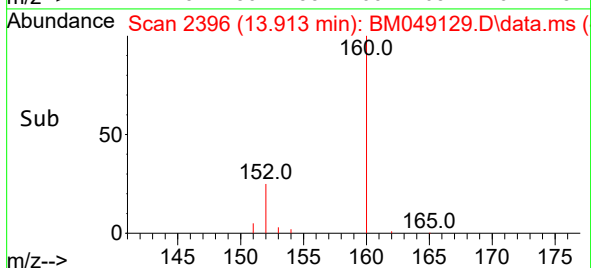
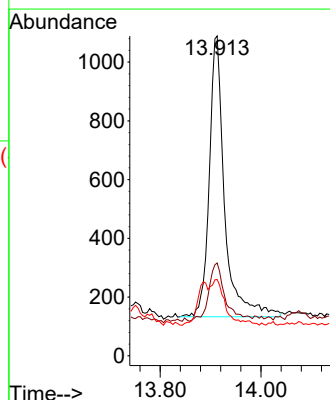
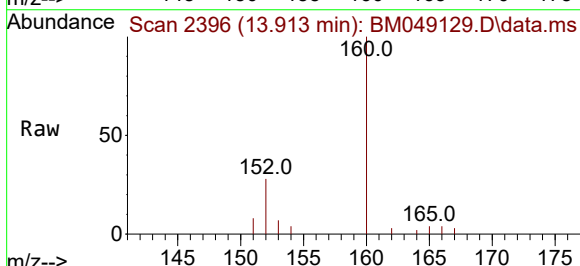
Tgt Ion:152 Resp: 2024

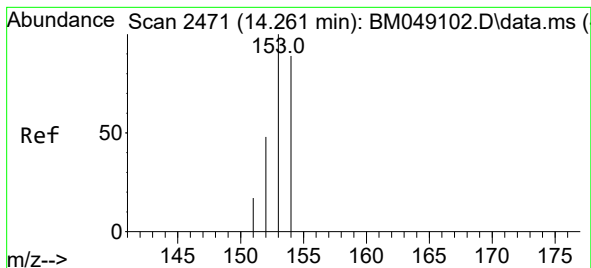
Ion Ratio Lower Upper

152 100

151 29.0 16.0 24.0#

153 23.9 11.0 16.6#





#11

Acenaphthene

Concen: 0.235 ng/ul

RT: 14.256 min Scan# 2471

Delta R.T. -0.009 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

Instrument :

BNA_M

ClientSampleId :

E2902DL

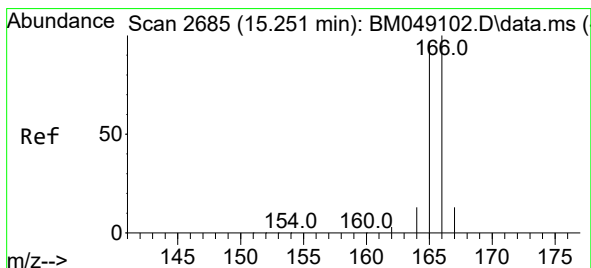
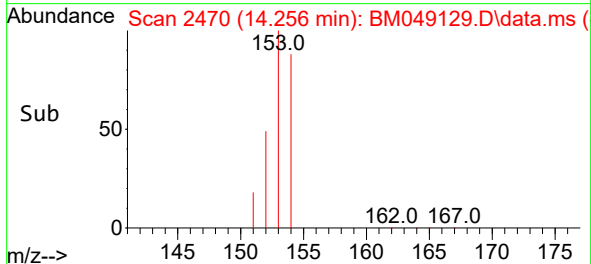
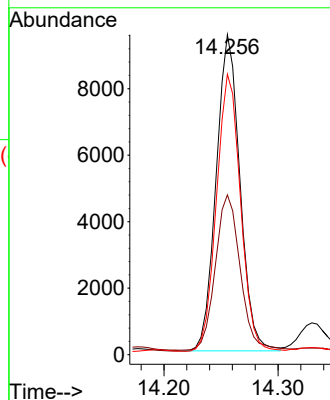
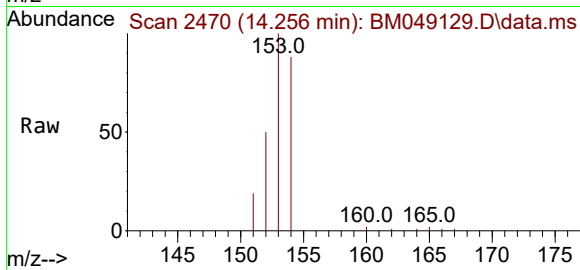
Tgt Ion:153 Resp: 13792

Ion Ratio Lower Upper

153 100

152 50.0 40.7 61.1

154 87.6 70.8 106.2



#12

Fluorene

Concen: 0.263 ng/ul

RT: 15.250 min Scan# 2685

Delta R.T. -0.005 min

Lab File: BM049129.D

Acq: 21 Dec 2024 09:02

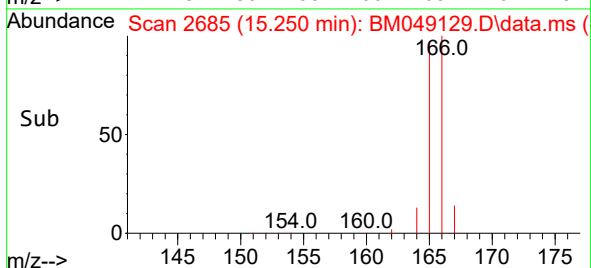
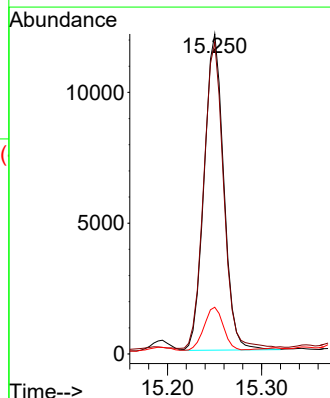
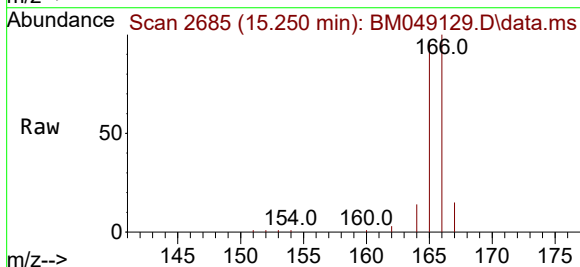
Tgt Ion:166 Resp: 17426

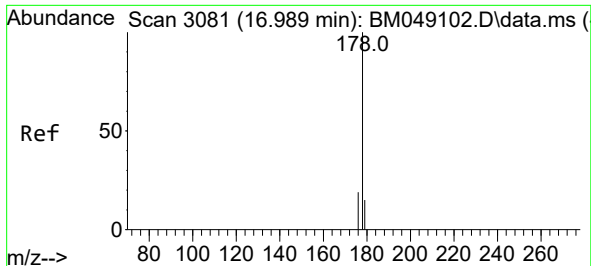
Ion Ratio Lower Upper

166 100

165 97.4 79.7 119.5

167 14.6 11.4 17.0

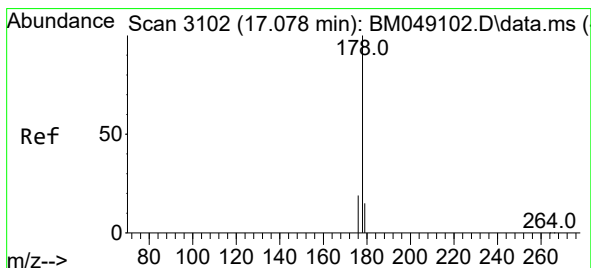
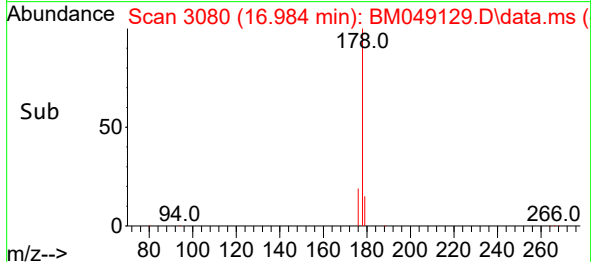
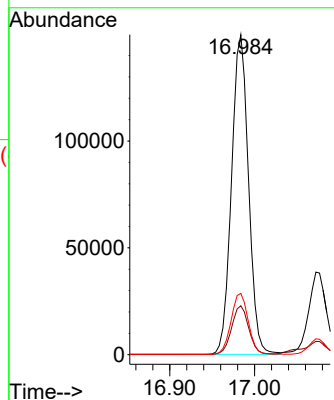
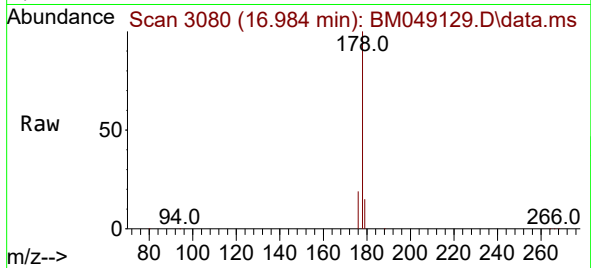




#15
Phenanthrene
Concen: 1.954 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

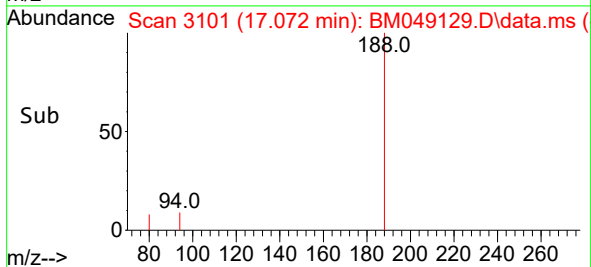
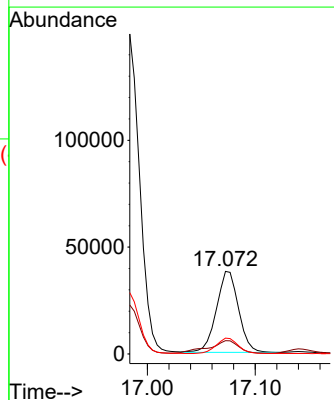
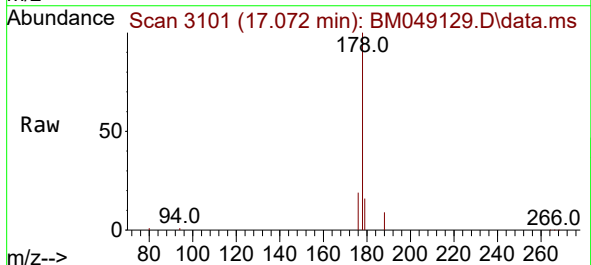
Instrument :
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ClientSampleId :
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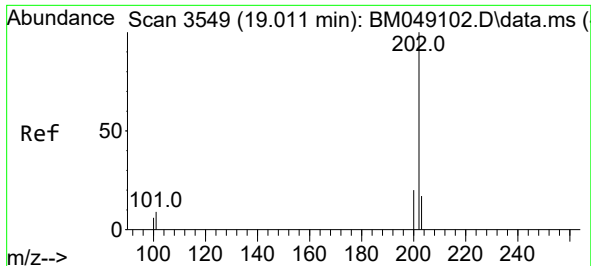
Tgt Ion:178 Resp: 208186
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.2 16.2 24.2



#16
Anthracene
Concen: 0.550 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:178 Resp: 53754
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.1 15.3 22.9

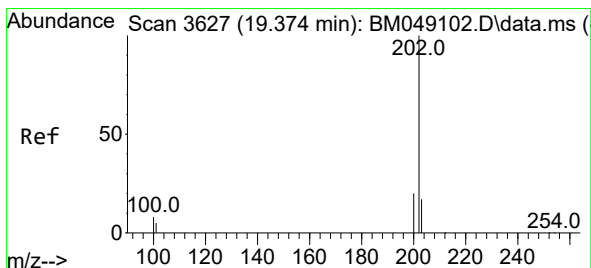
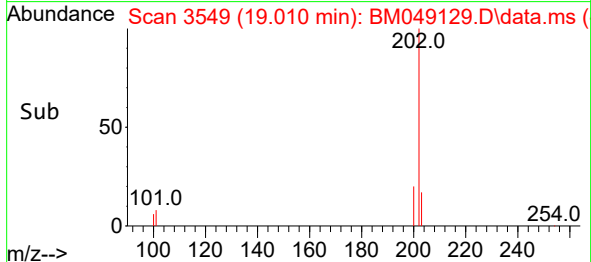
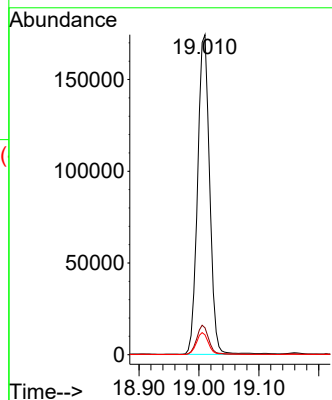
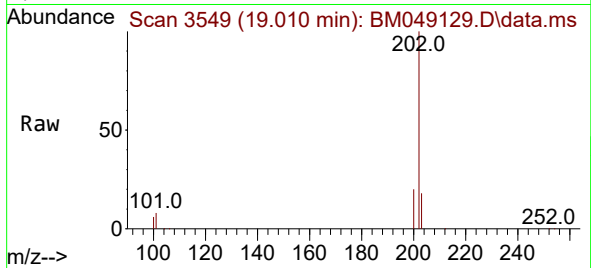




#19
Fluoranthene
Concen: 1.998 ng/ul
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

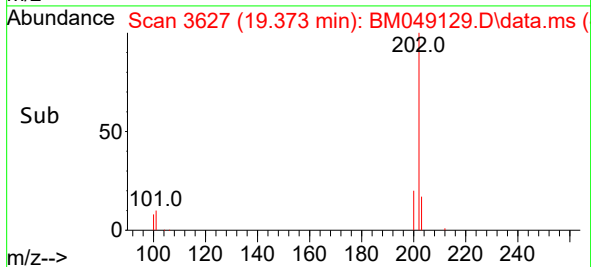
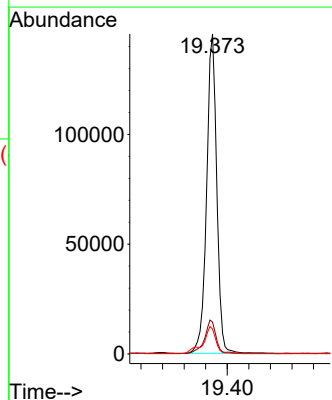
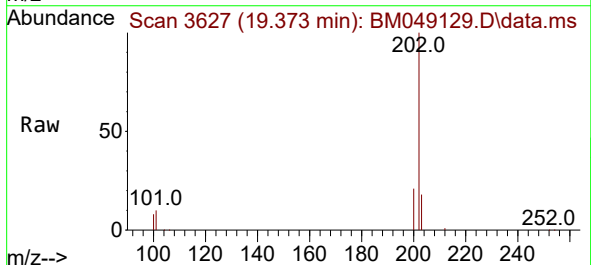
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BNA_M
ClientSampleId :
E2902DL

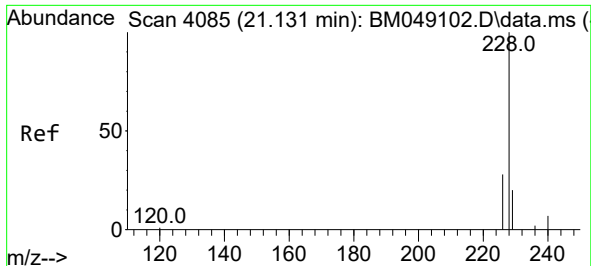
Tgt Ion:202 Resp: 242474
Ion Ratio Lower Upper
202 100
101 8.4 7.6 11.4
100 6.2 5.5 8.3



#20
Pyrene
Concen: 1.470 ng/ul
RT: 19.373 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:202 Resp: 190213
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 7.8 6.9 10.3

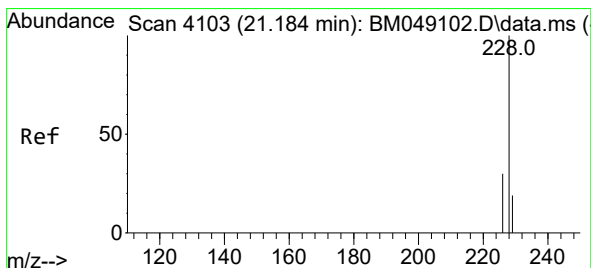
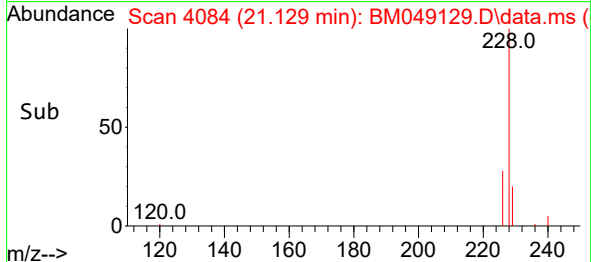
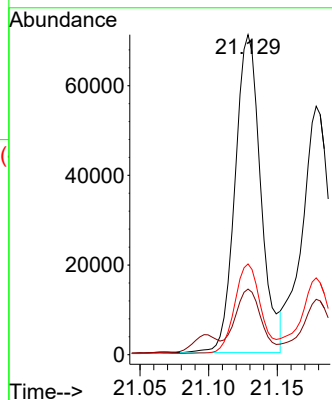
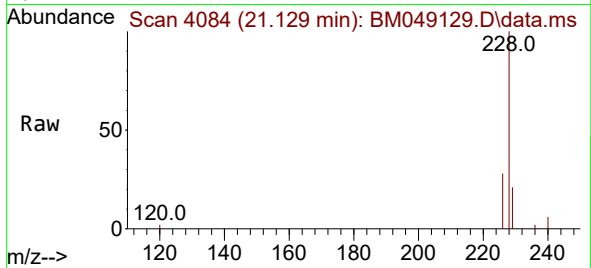




#21
Benzo(a)anthracene
Concen: 0.790 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

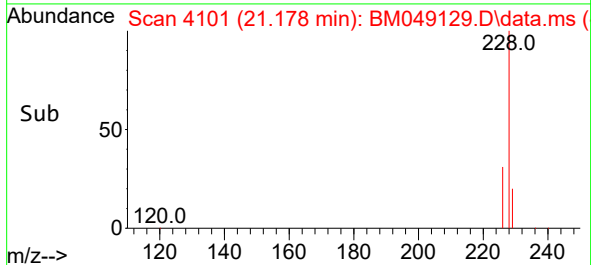
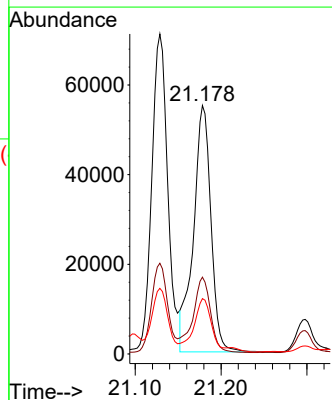
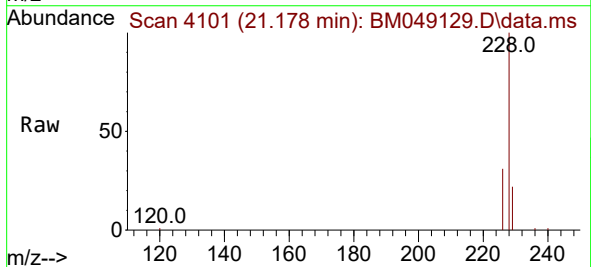
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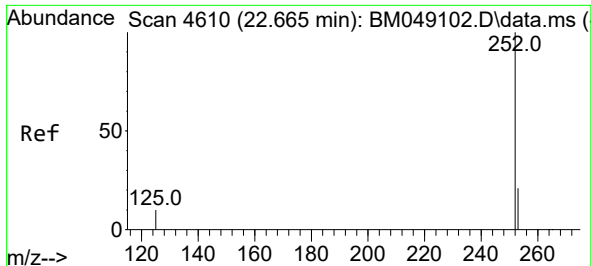
Tgt Ion:228 Resp: 92256
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.4 22.6 34.0



#22
Chrysene
Concen: 0.621 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:228 Resp: 77817
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 22.3 15.8 23.8

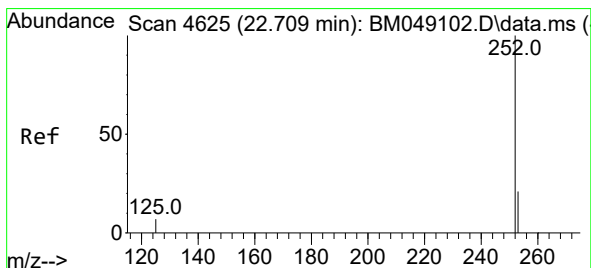
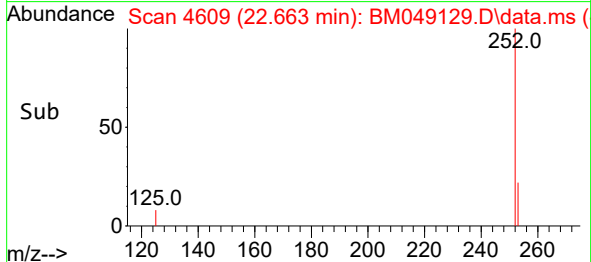
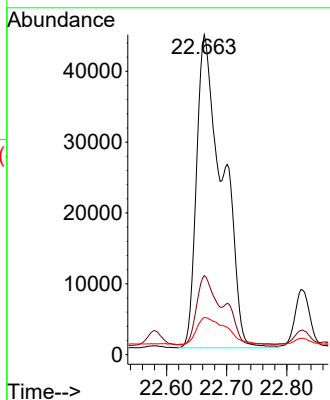
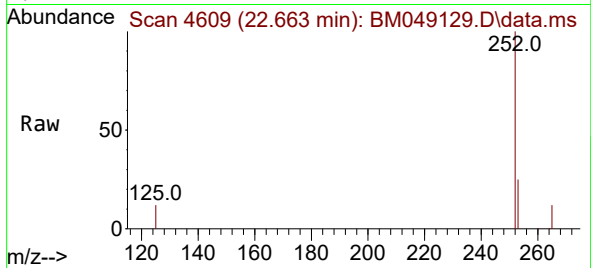




#24
Benzo(b)fluoranthene
Concen: 1.172 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

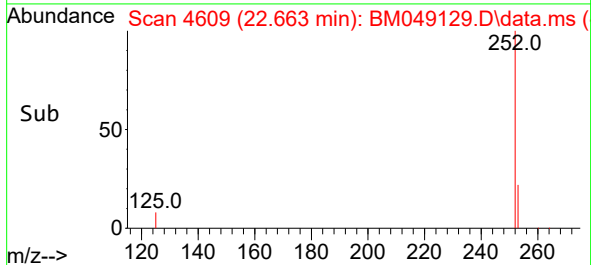
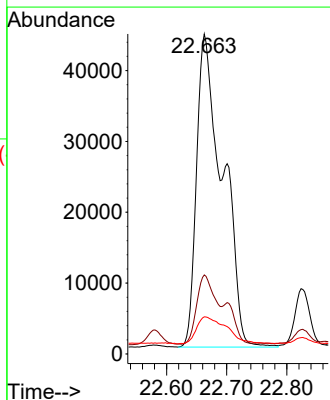
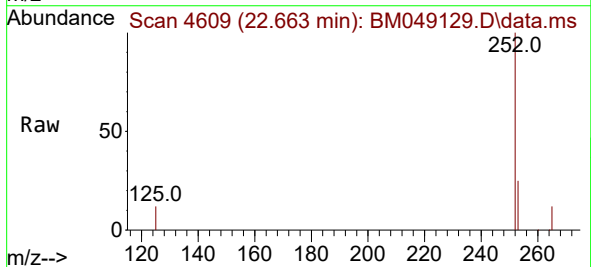
Instrument :
BNA_M
ClientSampleId :
E2902DL

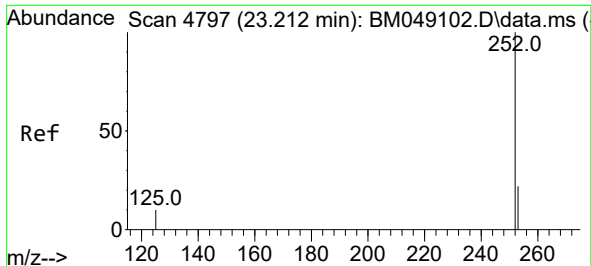
Tgt Ion:252 Resp: 132836
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.6
125 11.6 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 1.068 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. -0.044 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

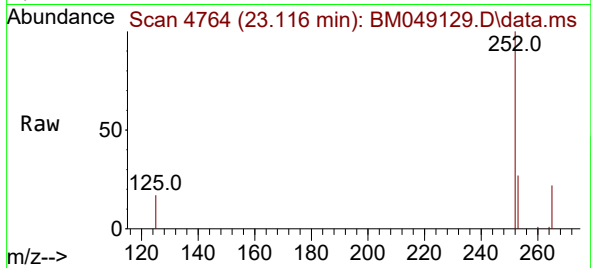
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Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 11.6 12.6 18.8#



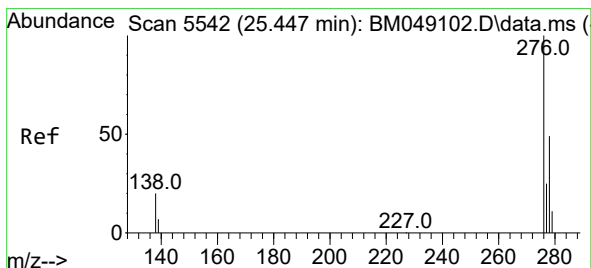
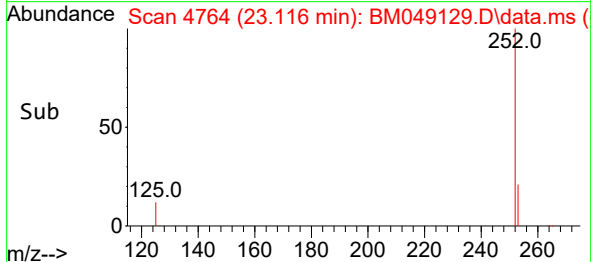
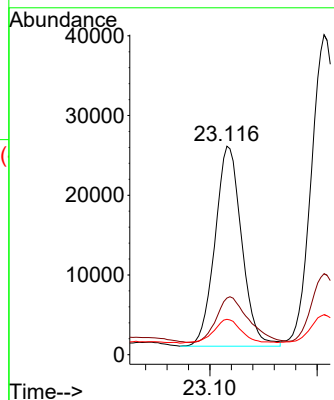


#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.116 min Scan# 4797
Delta R.T. -0.093 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Instrument :
BNA_M
ClientSampleId :
E2902DL

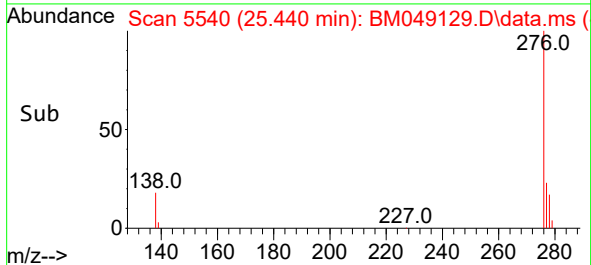
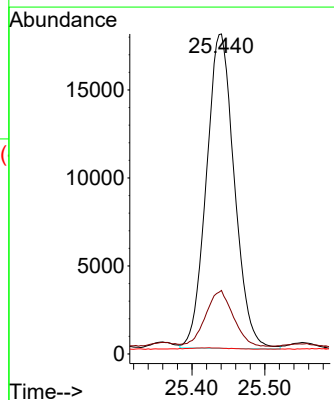
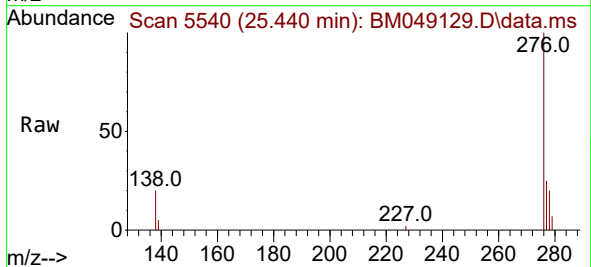


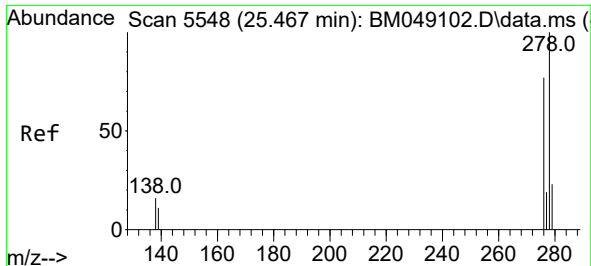
Tgt Ion:252 Resp: 43461
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 17.0 14.8 22.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:276 Resp: 47648
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.2
227 0.6 0.2 0.2#

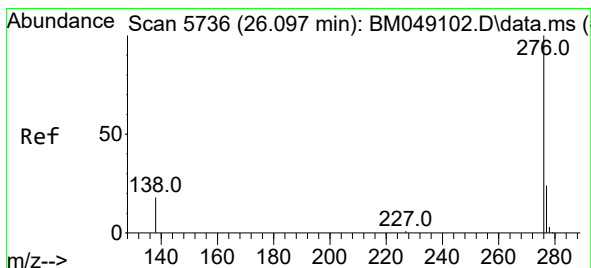
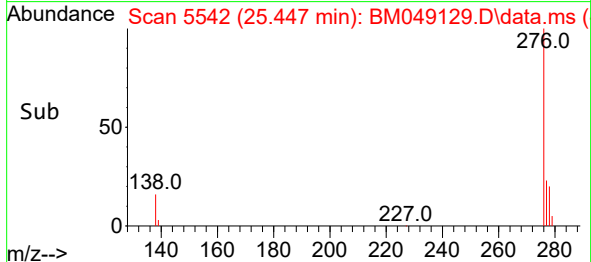
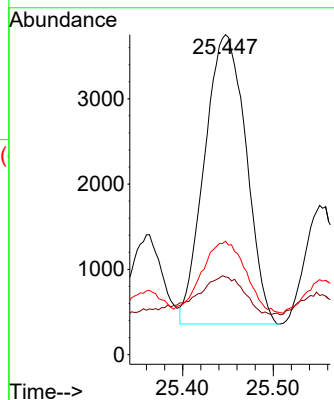
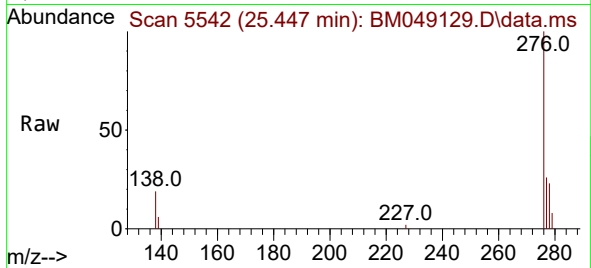




#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Instrument :
BNA_M
ClientSampleId :
E2902DL

Tgt Ion:278 Resp: 10797
Ion Ratio Lower Upper
278 100
139 24.3 13.5 20.3#
279 35.4 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.003 min
Lab File: BM049129.D
Acq: 21 Dec 2024 09:02

Tgt Ion:276 Resp: 45512
Ion Ratio Lower Upper
276 100
138 19.9 16.7 25.1
277 25.1 19.9 29.9

