

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049136.D
 Acq On : 21 Dec 2024 13:13
 Operator : RC/JU
 Sample : PB165708BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS708

Quant Time: Dec 22 23:08:03 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)

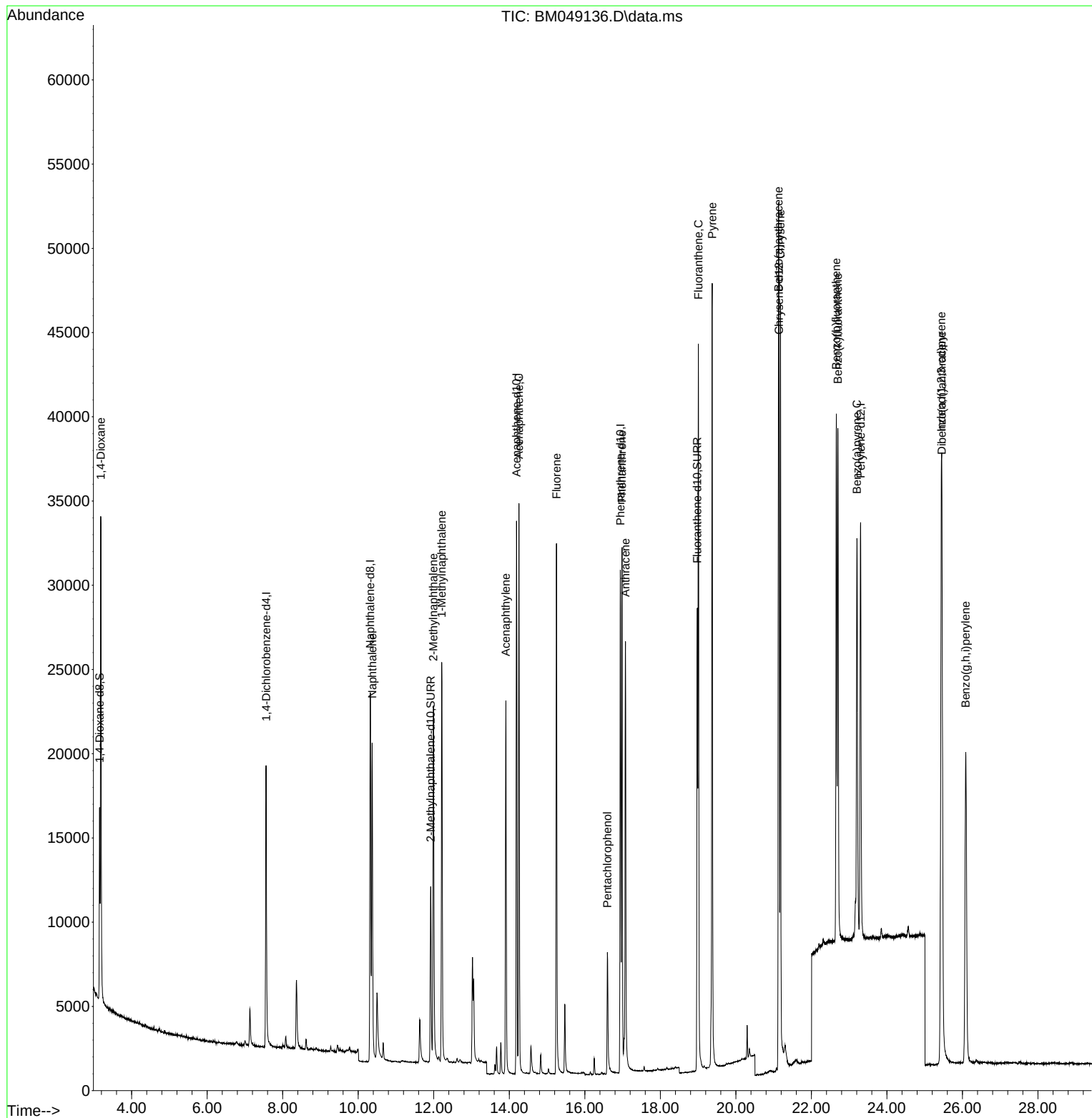
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	10029	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	32204	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	19025	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	38319	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	30497	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	32690	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7060	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	16145	0.373	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	32972	0.381	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.185	88	19726	1.459	ng/ul#	75
5) Naphthalene	10.369	128	27078	0.336	ng/ul	99
7) 2-Methylnaphthalene	11.991	142	17747	0.347	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	17905	0.342	ng/ul	100
10) Acenaphthylene	13.909	152	26256	0.333	ng/ul	100
11) Acenaphthene	14.255	153	19069	0.331	ng/ul	99
12) Fluorene	15.250	166	21432	0.330	ng/ul	98
14) Pentachlorophenol	16.599	266	6142	0.580	ng/ul	96
15) Phenanthrene	16.984	178	33282	0.333	ng/ul	99
16) Anthracene	17.077	178	31148	0.339	ng/ul	100
19) Fluoranthene	19.005	202	39650	0.360	ng/ul	100
20) Pyrene	19.372	202	42309	0.360	ng/ul	98
21) Benzo(a)anthracene	21.129	228	38746	0.365	ng/ul	99
22) Chrysene	21.178	228	40103	0.352	ng/ul	99
24) Benzo(b)fluoranthene	22.660	252	38223	0.366	ng/ul	97
25) Benzo(k)fluoranthene	22.701	252	41318	0.361	ng/ul	97
26) Benzo(a)pyrene	23.206	252	36115	0.361	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.440	276	48554	0.343	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.457	278	37693	0.342	ng/ul	98
29) Benzo(g,h,i)perylene	26.087	276	39036	0.342	ng/ul	99

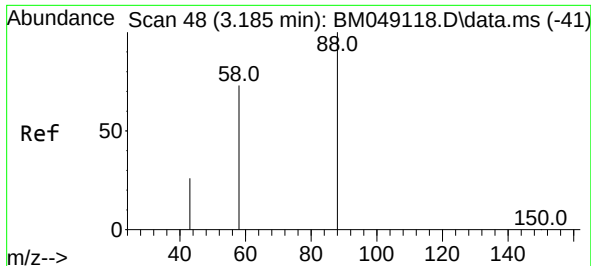
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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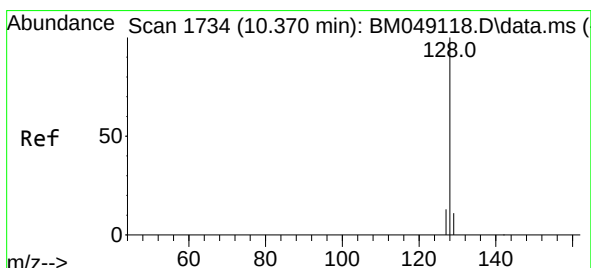
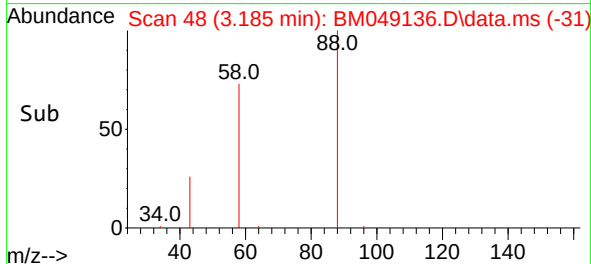
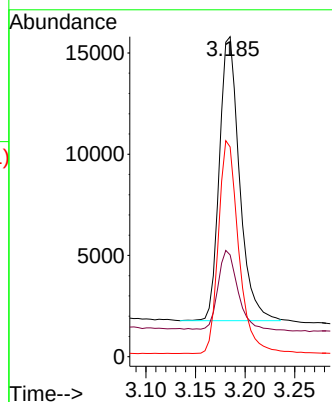
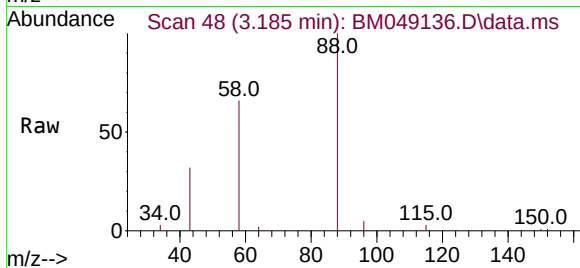




#2
1,4-Dioxane
Concen: 1.459 ng/ul
RT: 3.185 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

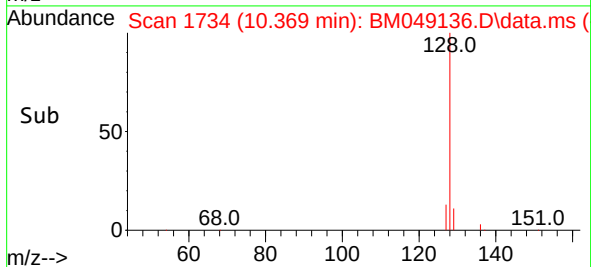
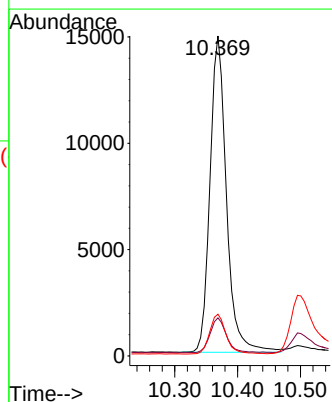
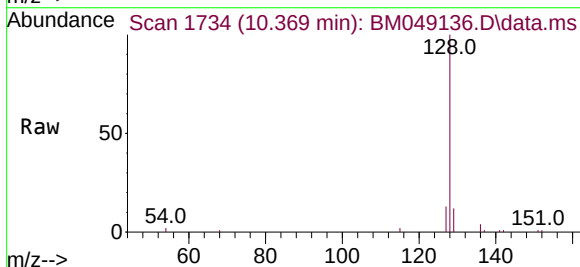
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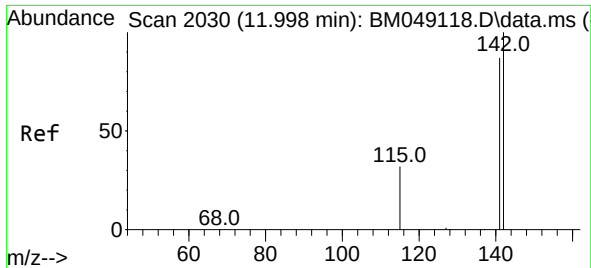
Tgt Ion: 88 Resp: 19726
Ion Ratio Lower Upper
88 100
43 31.8 45.4 68.2#
58 65.5 43.6 65.4#



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion: 128 Resp: 27078
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.1 10.6 16.0

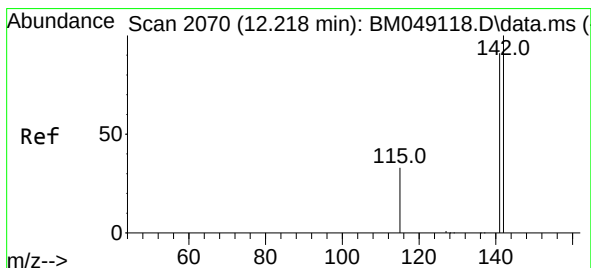
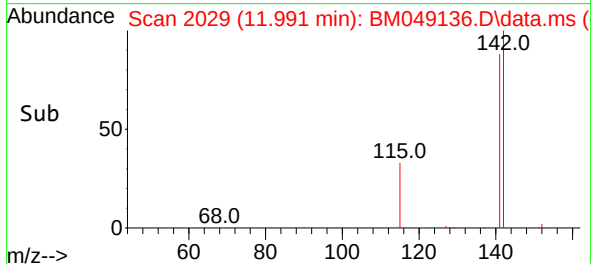
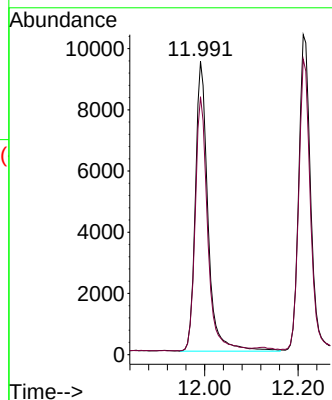
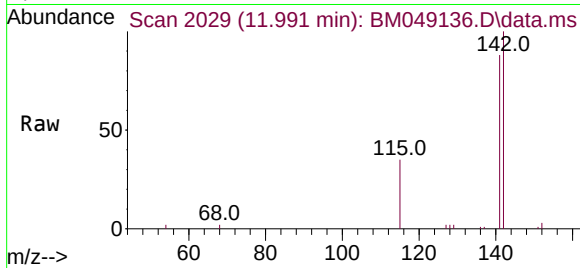




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 11.991 min Scan# 2030
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

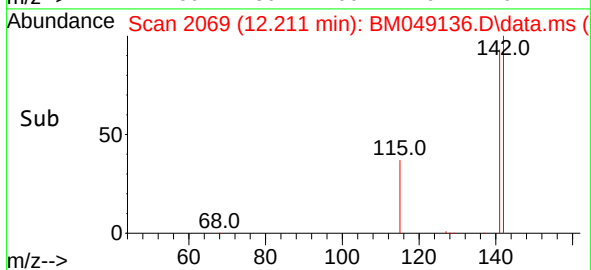
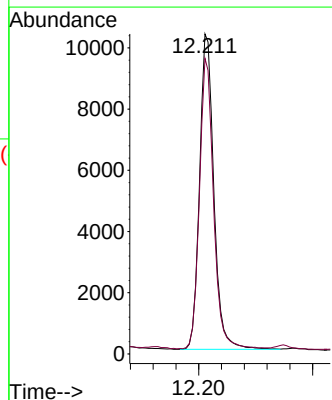
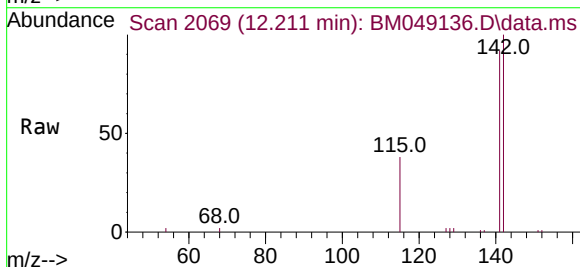
Instrument :
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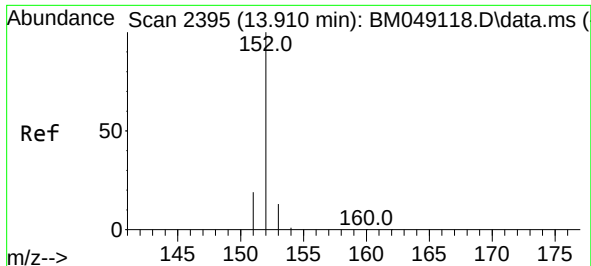
Tgt Ion:142 Resp: 17747
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:142 Resp: 17905
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1

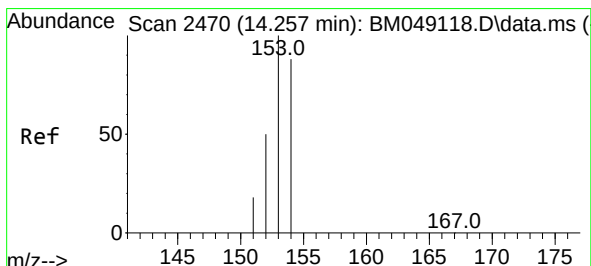
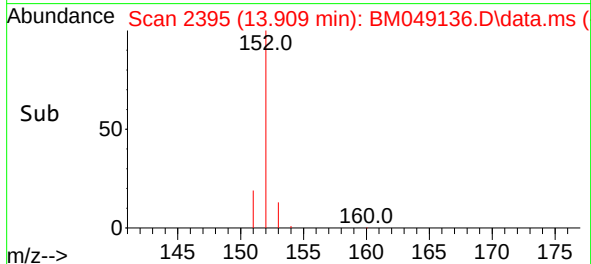
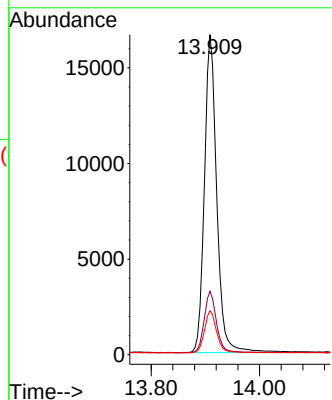
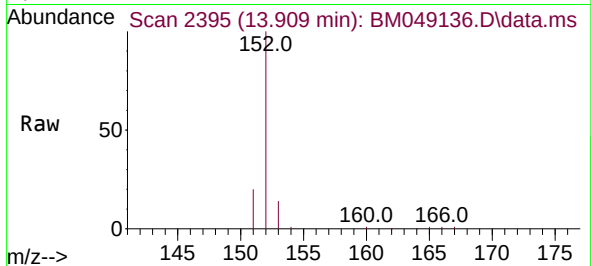




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.909 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

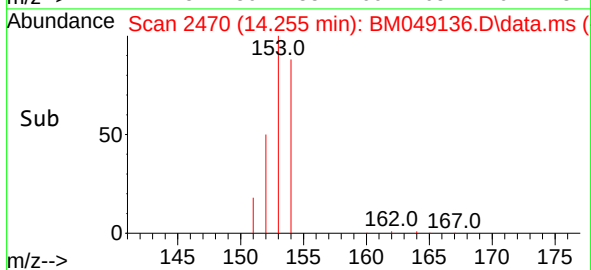
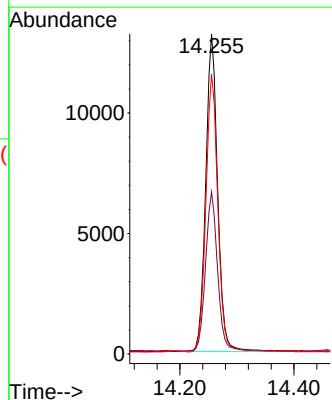
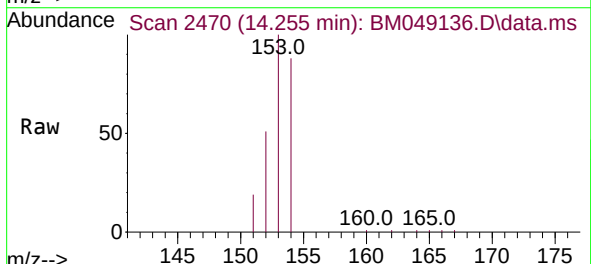
Instrument :
BNA_M
ClientSampleId :
SLCS708

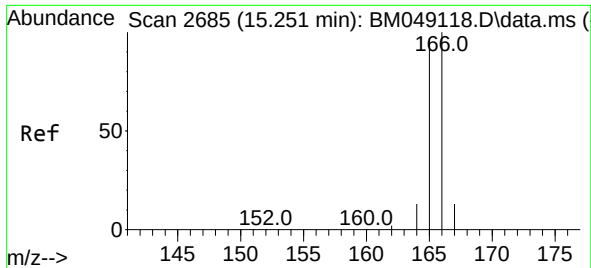
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.7	11.0	16.6



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.255 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.7	61.1
154	87.5	70.8	106.2

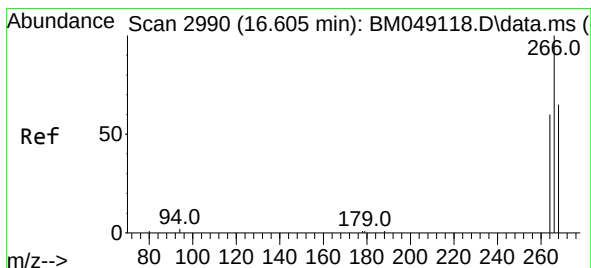
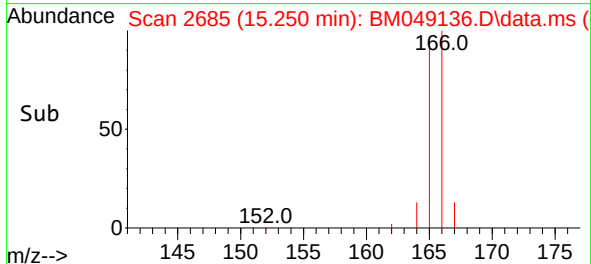
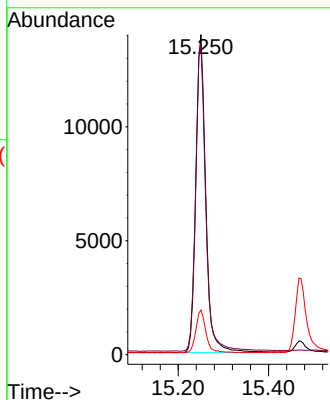
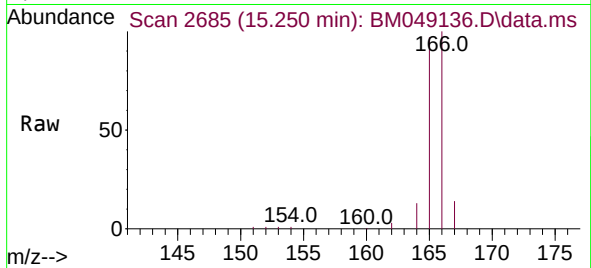




#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.250 min Scan# 21432
Delta R.T. -0.005 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

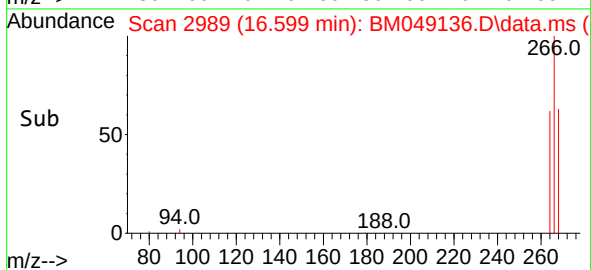
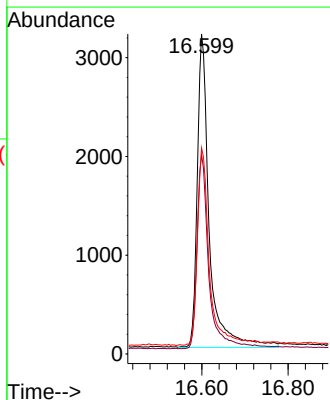
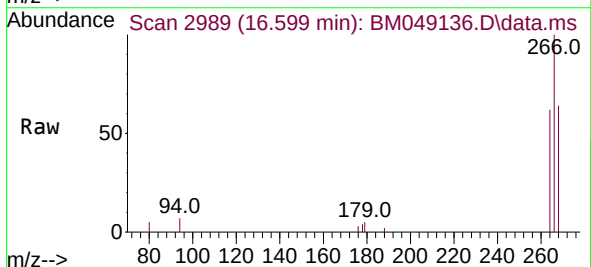
Instrument :
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ClientSampleId :
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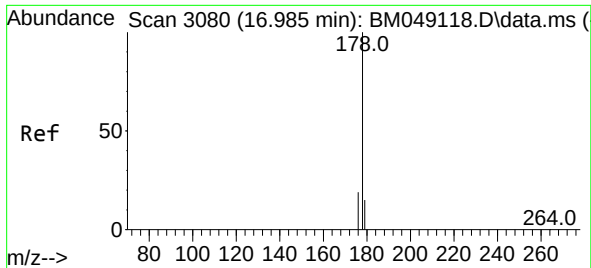
Tgt Ion:166 Resp: 21432
Ion Ratio Lower Upper
166 100
165 97.0 79.7 119.5
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.580 ng/ul
RT: 16.599 min Scan# 2989
Delta R.T. -0.008 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:266 Resp: 6142
Ion Ratio Lower Upper
266 100
264 61.5 48.3 72.5
268 64.0 47.5 71.3

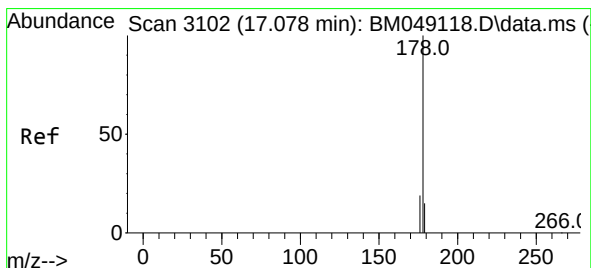
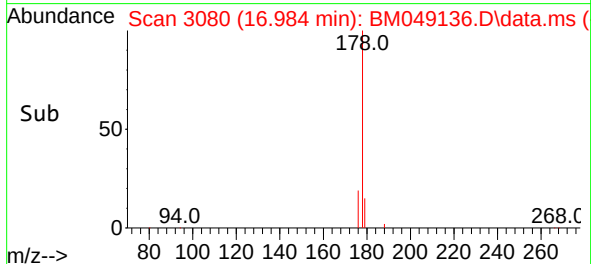
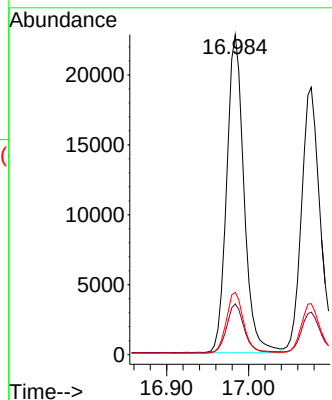
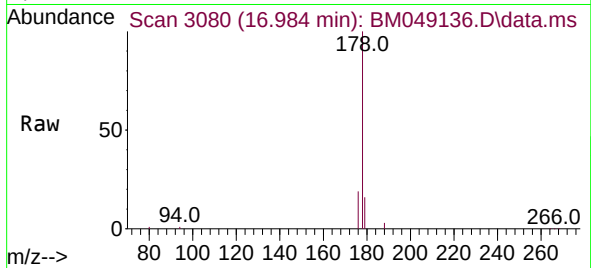




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

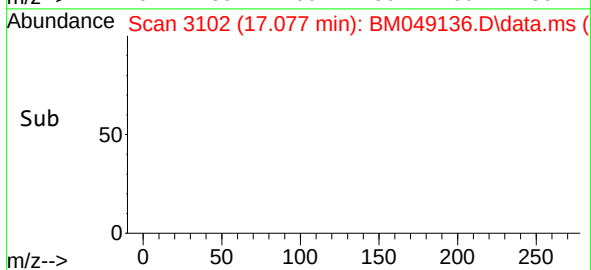
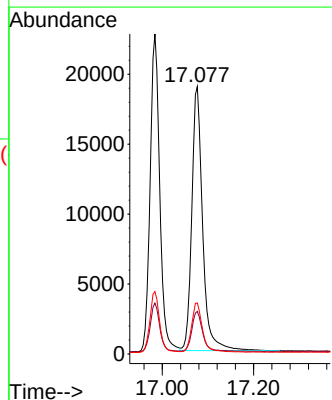
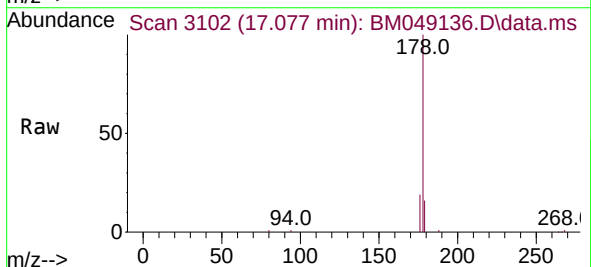
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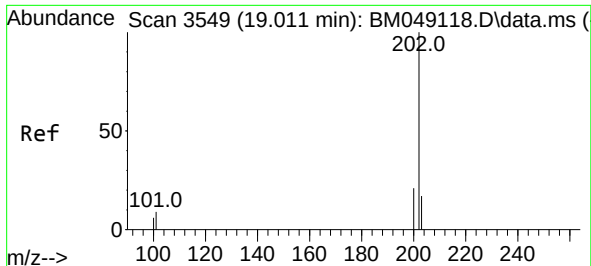
Tgt Ion:	178	Resp:	33282
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.4
176	19.5	16.2	24.2



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:	178	Resp:	31148
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	19.1	15.3	22.9

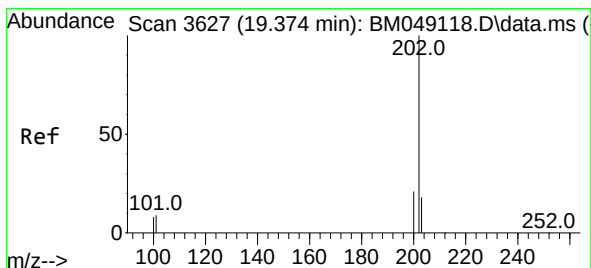
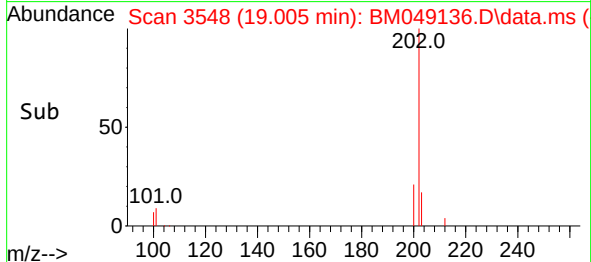
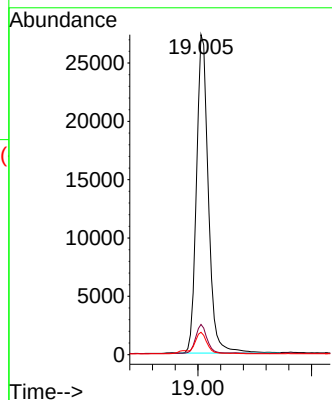
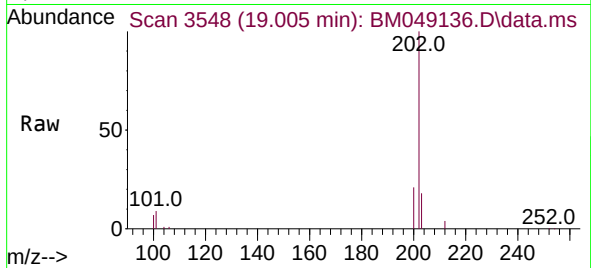




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.005 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

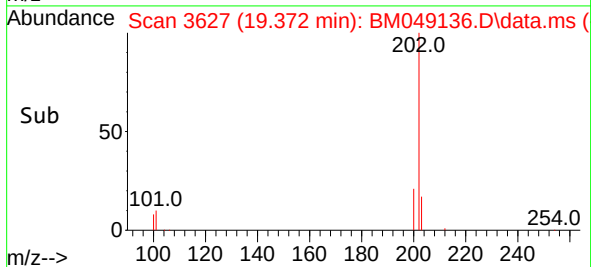
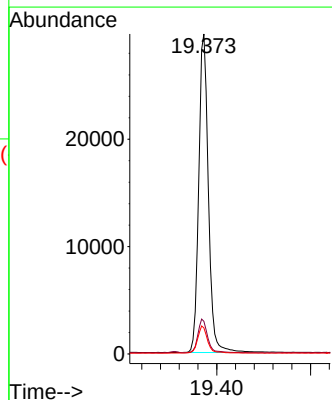
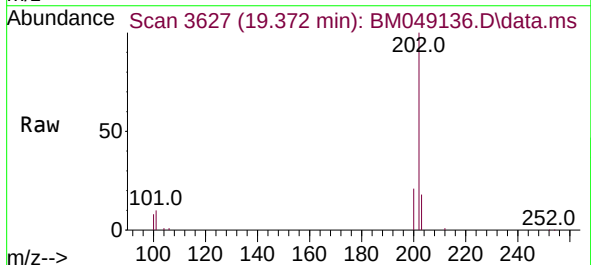
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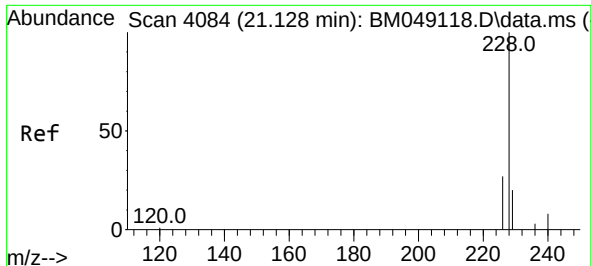
Tgt Ion:202 Resp: 39650
Ion Ratio Lower Upper
202 100
101 9.5 7.6 11.4
100 7.0 5.5 8.3



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.372 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:202 Resp: 42309
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.2 6.9 10.3

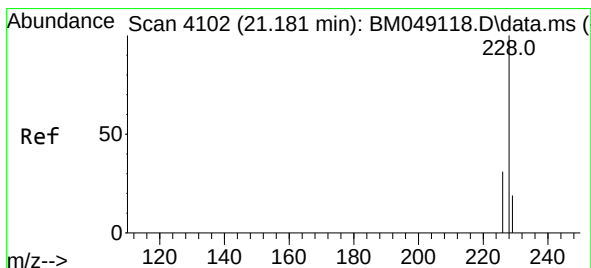
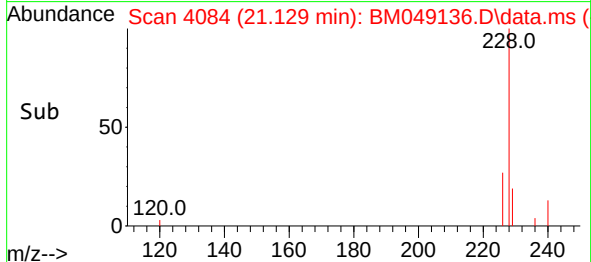
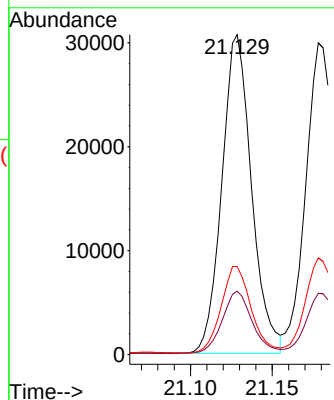
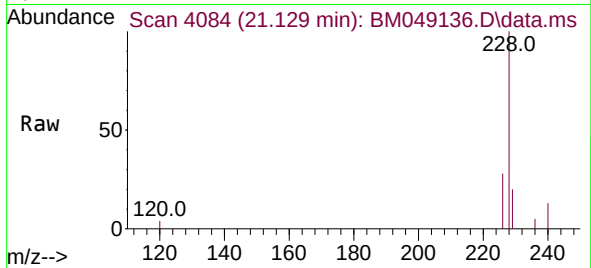




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

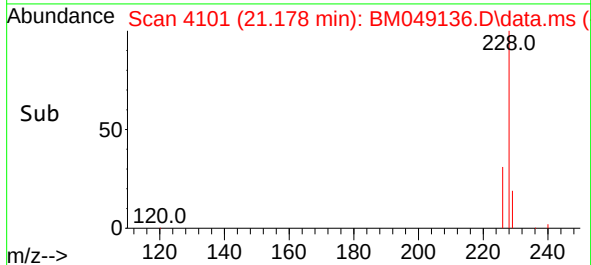
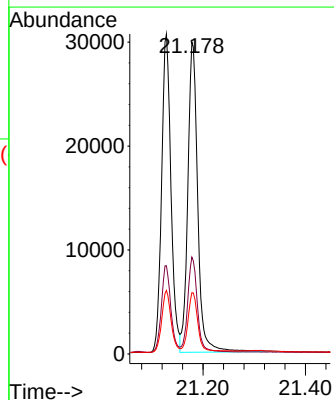
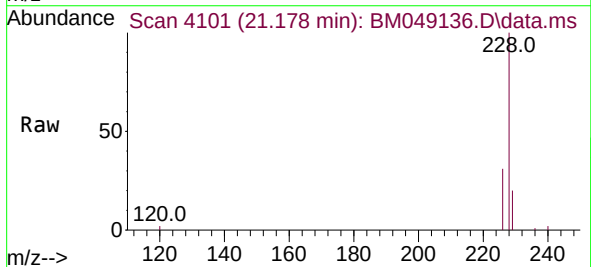
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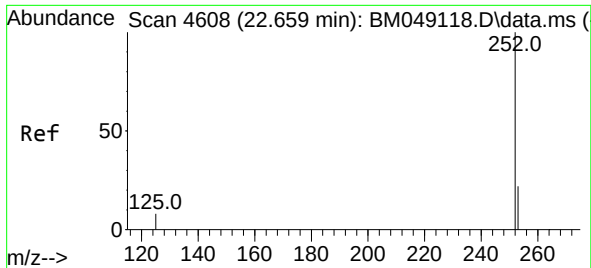
Tgt Ion:228 Resp: 38746
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.5 22.6 34.0



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:228 Resp: 40103
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 19.7 15.8 23.8

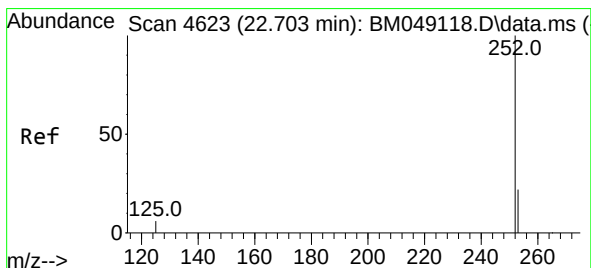
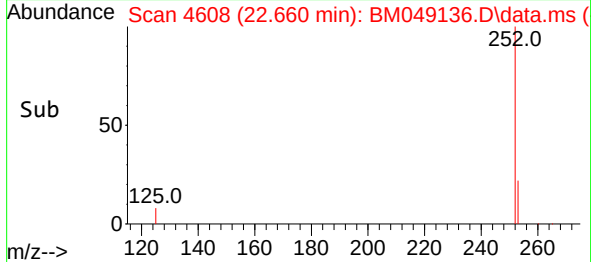
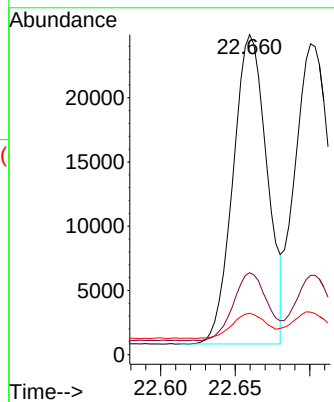
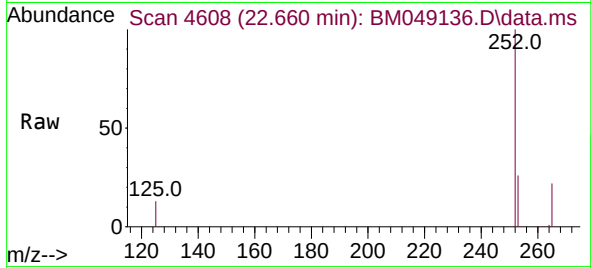




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

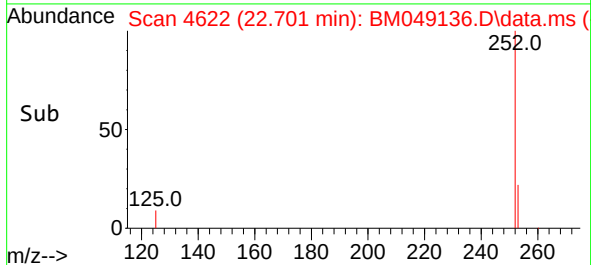
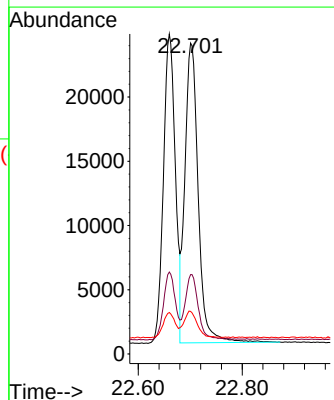
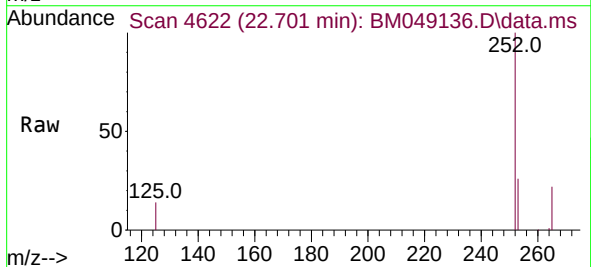
Instrument :
BNA_M
ClientSampleId :
SLCS708

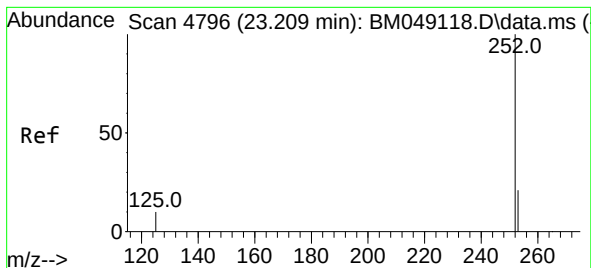
Tgt Ion:252 Resp: 38223
Ion Ratio Lower Upper
252 100
253 25.6 0.0 52.6
125 12.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:252 Resp: 41318
Ion Ratio Lower Upper
252 100
253 25.5 21.3 31.9
125 13.7 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.206 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM049136.D

Acq: 21 Dec 2024 13:13

Instrument :

BNA_M

ClientSampleId :

SLCS708

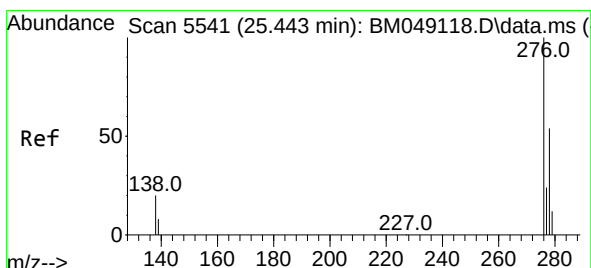
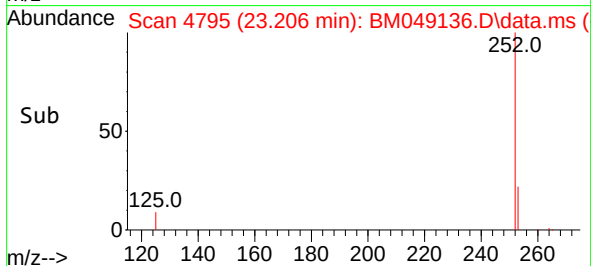
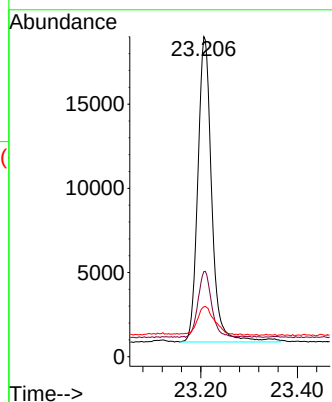
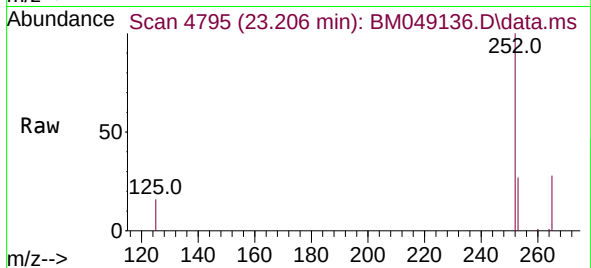
Tgt Ion:252 Resp: 36115

Ion Ratio Lower Upper

252 100

253 26.6 22.4 33.6

125 15.6 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul

RT: 25.440 min Scan# 5540

Delta R.T. -0.007 min

Lab File: BM049136.D

Acq: 21 Dec 2024 13:13

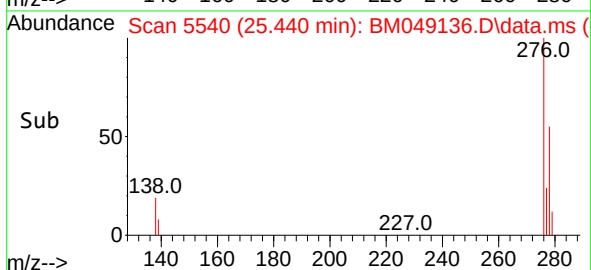
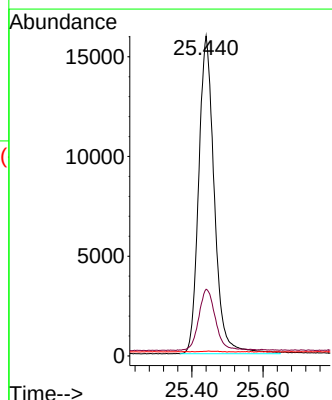
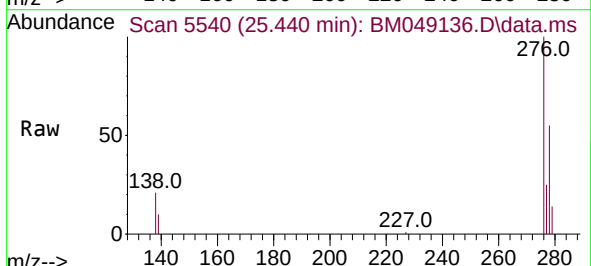
Tgt Ion:276 Resp: 48554

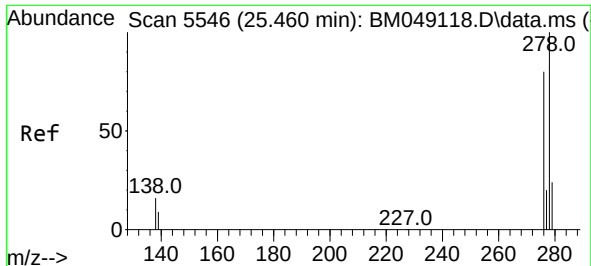
Ion Ratio Lower Upper

276 100

138 20.6 17.4 26.2

227 0.3 0.2 0.2#

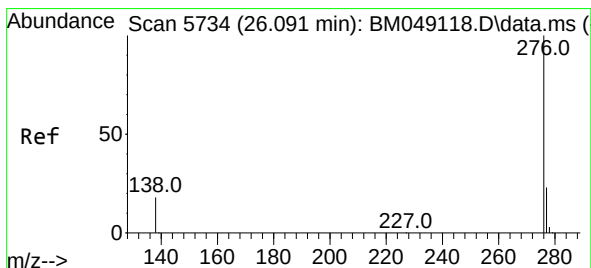
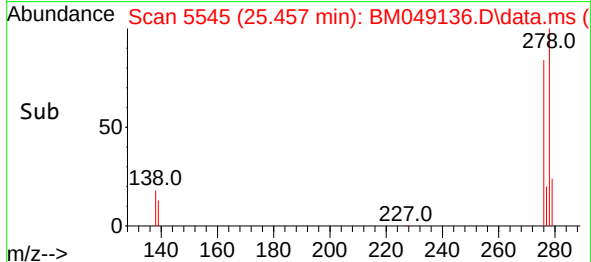
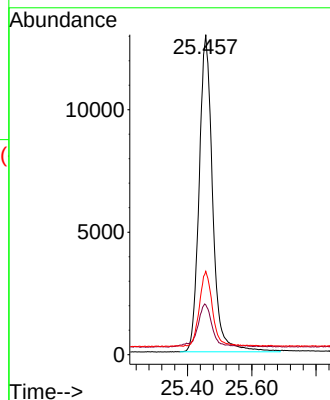
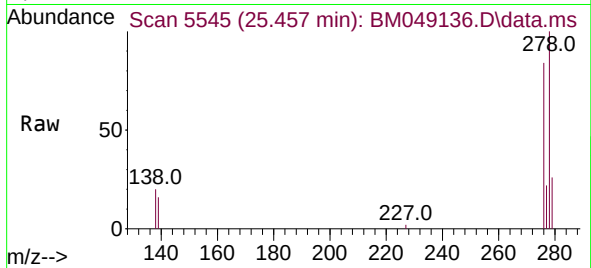




#28
 Dibenzo(a,h)anthracene
 Concen: 0.342 ng/ul
 RT: 25.457 min Scan# 51
 Delta R.T. -0.011 min
 Lab File: BM049136.D
 Acq: 21 Dec 2024 13:13

Instrument :
 BNA_M
 ClientSampleId :
 SLCS708

Tgt Ion:278 Resp: 37693
 Ion Ratio Lower Upper
 278 100
 139 15.6 13.5 20.3
 279 26.0 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.342 ng/ul
 RT: 26.087 min Scan# 5733
 Delta R.T. -0.007 min
 Lab File: BM049136.D
 Acq: 21 Dec 2024 13:13

Tgt Ion:276 Resp: 39036
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.7 25.1
 277 24.2 19.9 29.9

