

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046649.D
 Acq On : 17 Jul 2024 01:01
 Operator : MA/JU
 Sample : PB161884BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS884

Quant Time: Jul 17 01:37:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

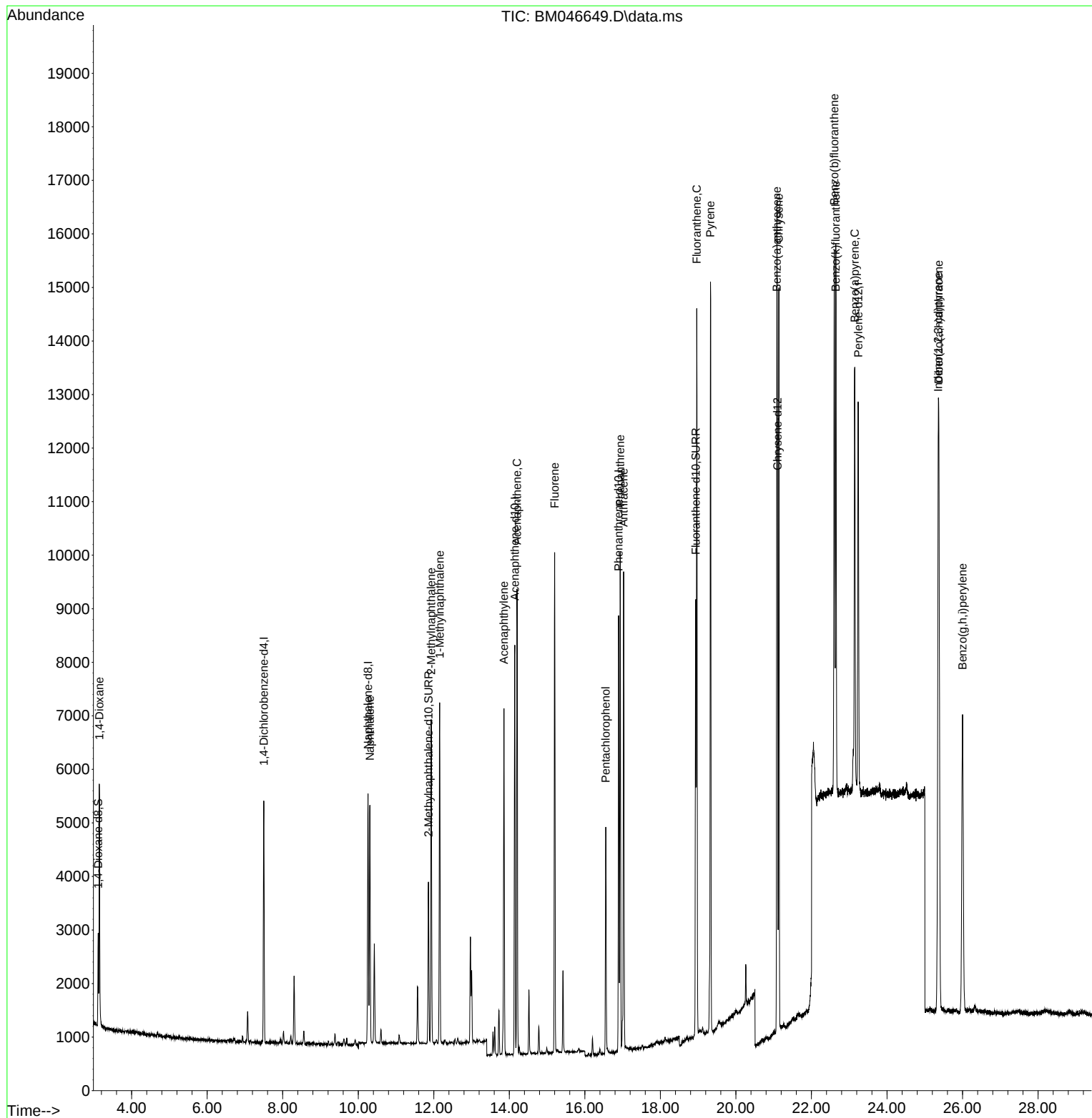
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.502	152	2275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	6227	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.145	164	4284	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.895	188	9590	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	7626	0.400	ng/ul	0.00
23) Perylene-d12	23.239	264	8823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1036	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.859	152	3840	0.382	ng/ul	0.00
18) Fluoranthene-d10	18.936	212	9391	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.143	88	2826	1.417	ng/ul#	74
5) Naphthalene	10.308	128	5901	0.373	ng/ul	99
7) 2-Methylnaphthalene	11.931	142	4149	0.373	ng/ul	99
8) 1-Methylnaphthalene	12.156	142	4200	0.370	ng/ul	99
10) Acenaphthylene	13.858	152	6852	0.351	ng/ul	98
11) Acenaphthene	14.205	153	4828	0.370	ng/ul	97
12) Fluorene	15.199	166	5741	0.355	ng/ul	96
14) Pentachlorophenol	16.553	266	2684	0.552	ng/ul	99
15) Phenanthrene	16.937	178	9467	0.346	ng/ul	100
16) Anthracene	17.026	178	9298	0.348	ng/ul	100
19) Fluoranthene	18.964	202	11828	0.378	ng/ul	98
20) Pyrene	19.326	202	12482	0.368	ng/ul#	97
21) Benzo(a)anthracene	21.085	228	11733	0.348	ng/ul	99
22) Chrysene	21.138	228	11192	0.343	ng/ul	100
24) Benzo(b)fluoranthene	22.604	252	12114	0.344	ng/ul	95
25) Benzo(k)fluoranthene	22.645	252	12228	0.353	ng/ul#	95
26) Benzo(a)pyrene	23.145	252	11169	0.385	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.357	276	14713	0.333	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.374	278	11508	0.329	ng/ul#	96
29) Benzo(g,h,i)perylene	26.001	276	11510	0.327	ng/ul	96

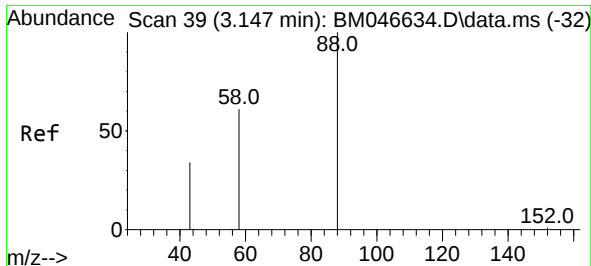
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 01:37:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

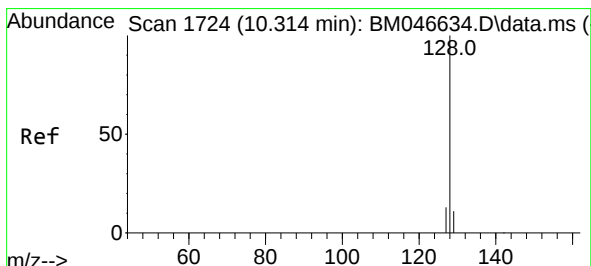
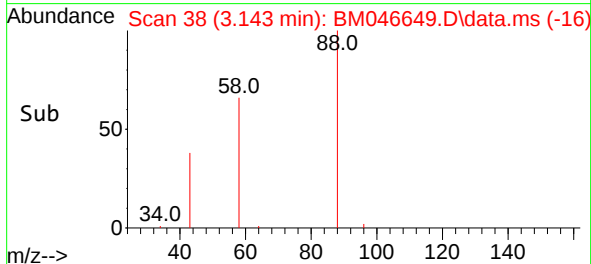
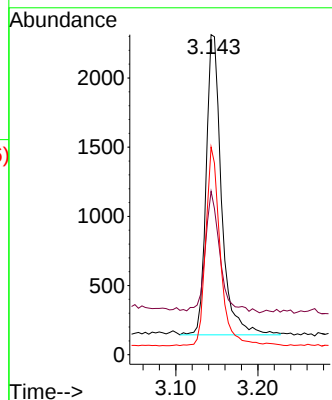
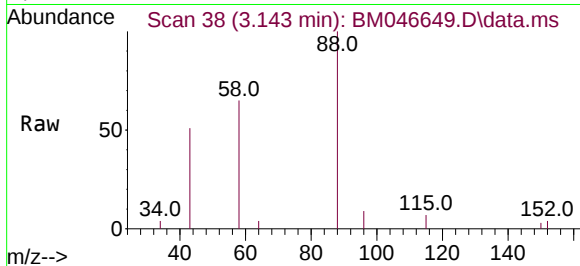




#2
1,4-Dioxane
Concen: 1.417 ng/ul
RT: 3.143 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

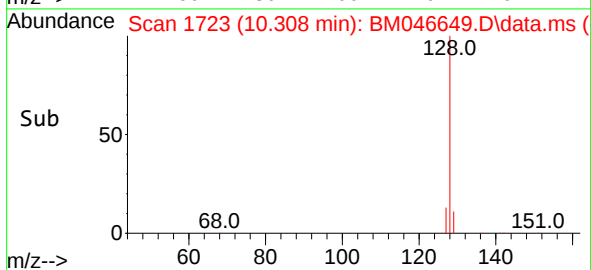
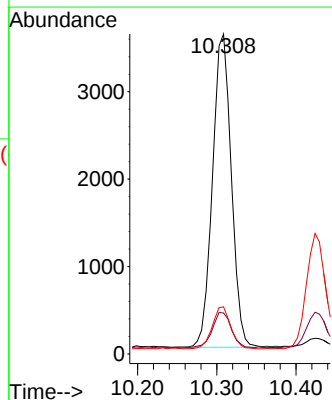
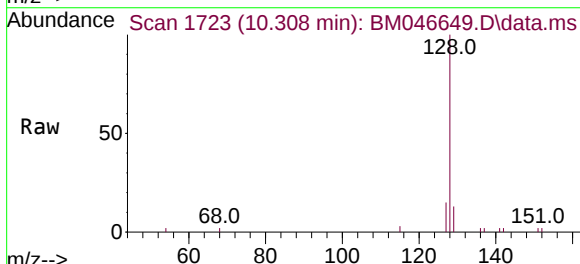
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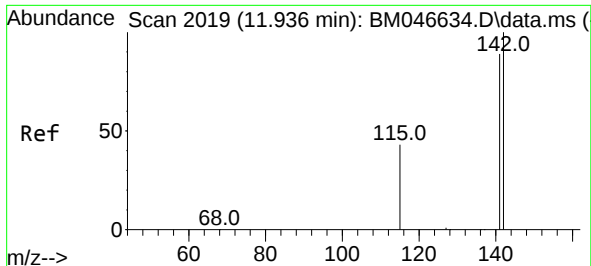
Tgt Ion: 88 Resp: 2826
Ion Ratio Lower Upper
88 100
43 51.1 70.2 105.4#
58 64.9 48.2 72.4



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion: 128 Resp: 5901
Ion Ratio Lower Upper
128 100
129 12.8 10.3 15.5
127 14.7 12.2 18.4

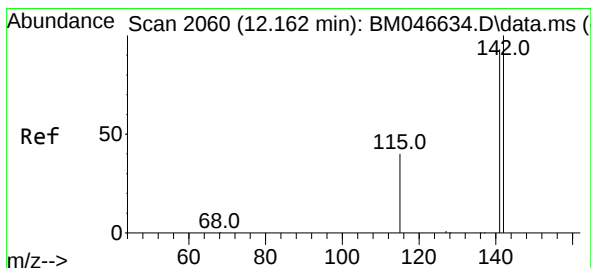
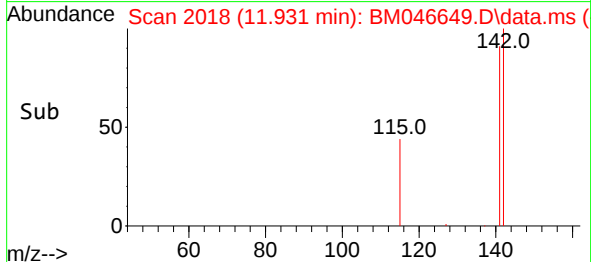
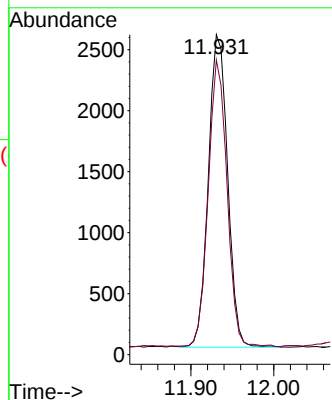
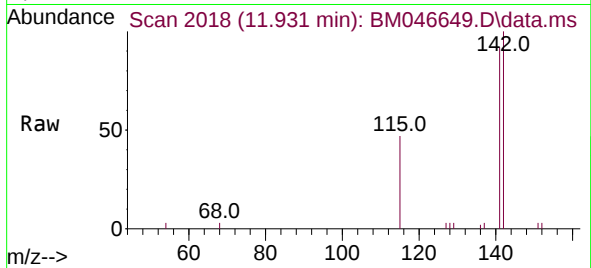




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 11.931 min Scan# 2018
Delta R.T. -0.013 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

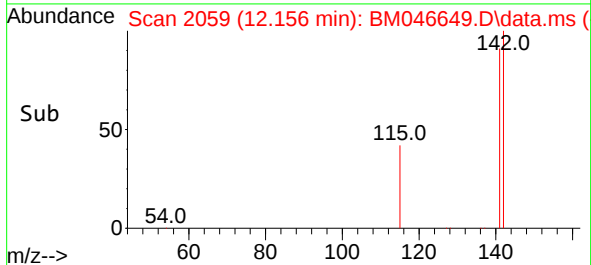
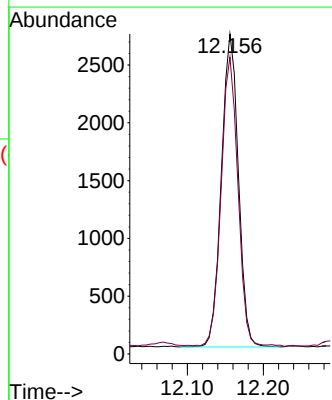
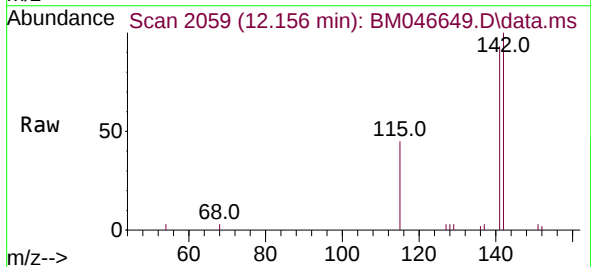
Instrument :
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ClientSampleId :
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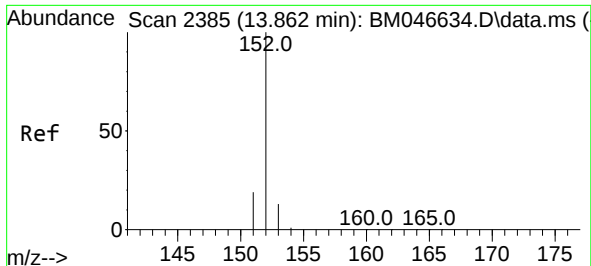
Tgt Ion:142 Resp: 4149
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:142 Resp: 4200
Ion Ratio Lower Upper
142 100
141 91.4 73.9 110.9

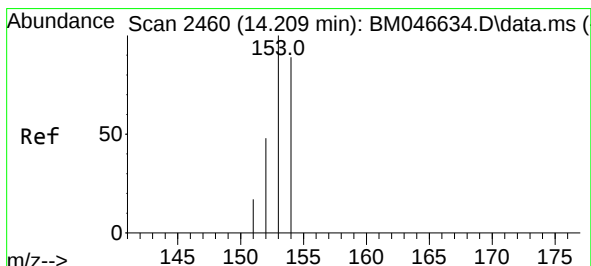
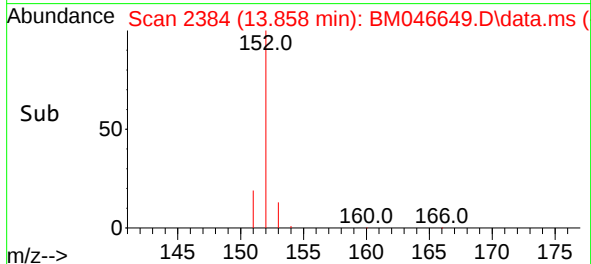
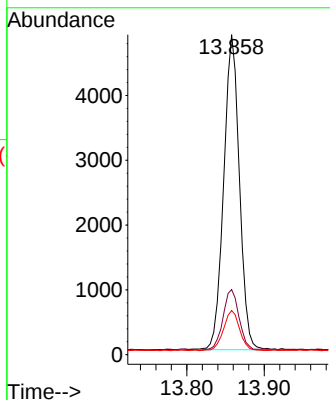
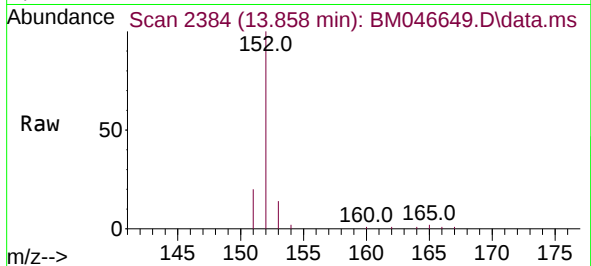




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 13.858 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

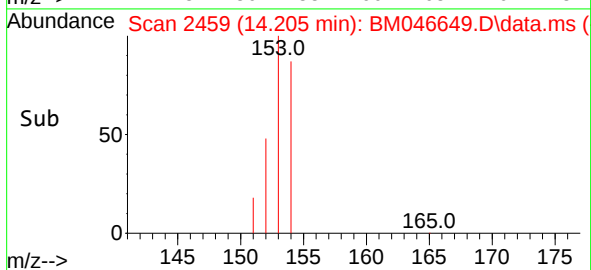
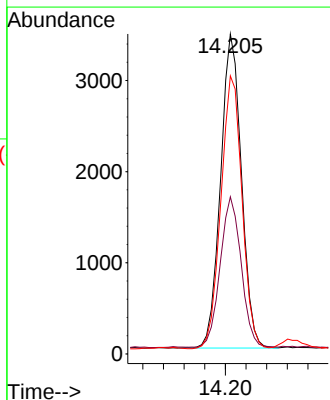
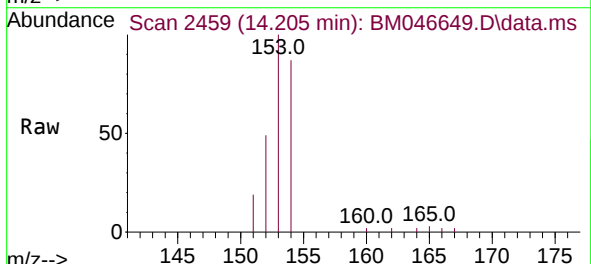
Instrument :
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ClientSampleId :
SLCS884

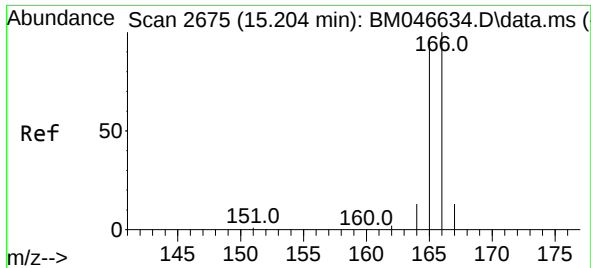
Tgt Ion:152 Resp: 6852
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.8 12.4 18.6



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.205 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:153 Resp: 4828
Ion Ratio Lower Upper
153 100
152 49.1 43.0 64.6
154 86.9 69.9 104.9

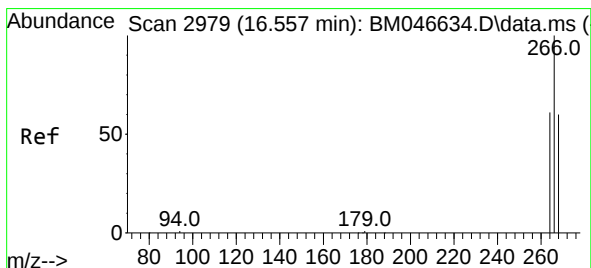
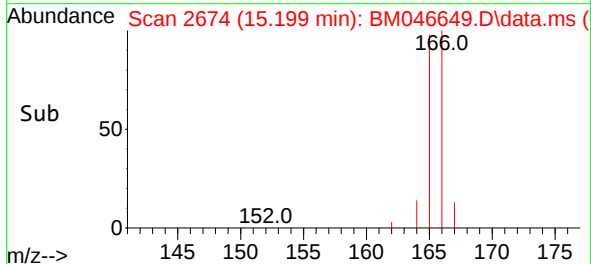
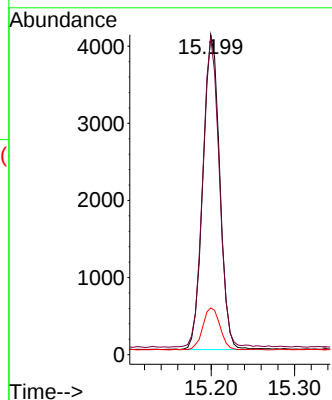
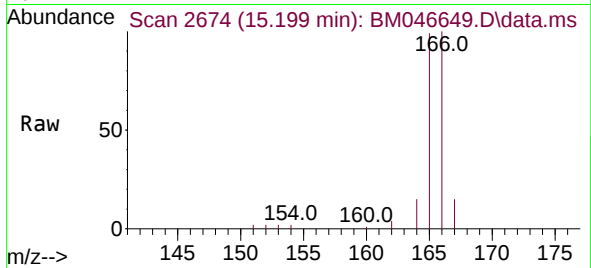




#12
 Fluorene
 Concen: 0.355 ng/ul
 RT: 15.199 min Scan# 2
 Delta R.T. -0.006 min
 Lab File: BM046649.D
 Acq: 17 Jul 2024 01:01

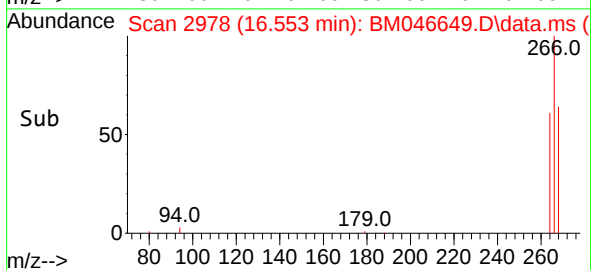
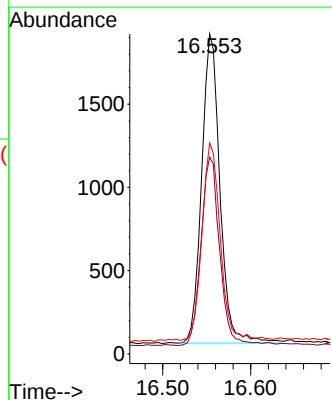
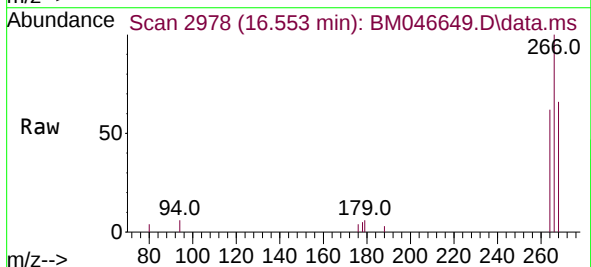
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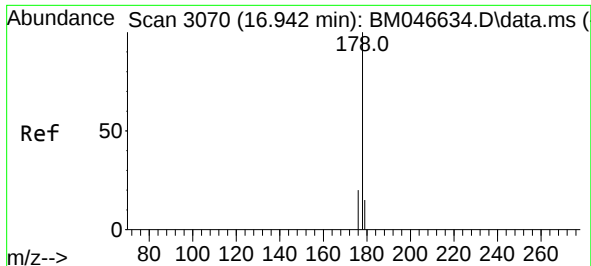
Tgt Ion:166 Resp: 5741
 Ion Ratio Lower Upper
 166 100
 165 99.0 76.1 114.1
 167 14.6 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.552 ng/ul
 RT: 16.553 min Scan# 2978
 Delta R.T. -0.002 min
 Lab File: BM046649.D
 Acq: 17 Jul 2024 01:01

Tgt Ion:266 Resp: 2684
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.1 75.1
 268 64.0 52.5 78.7

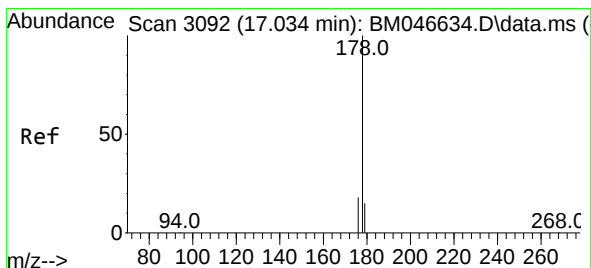
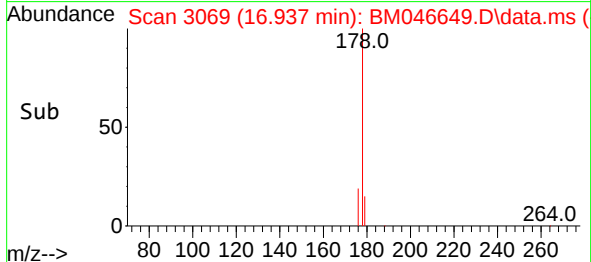
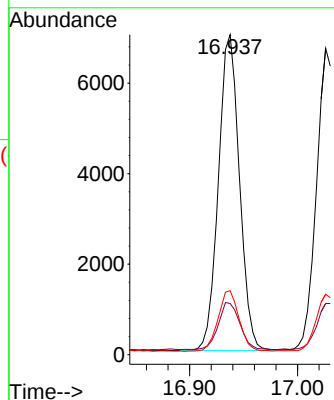
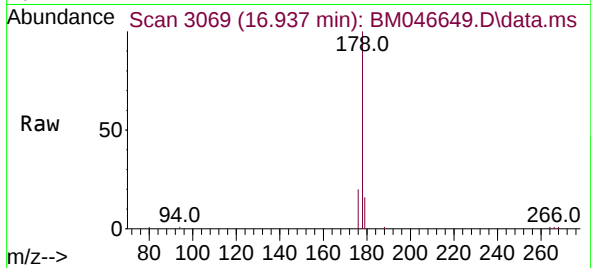




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 16.937 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

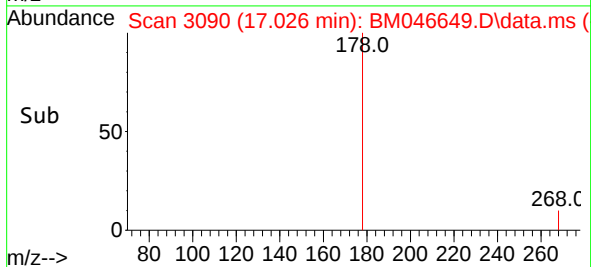
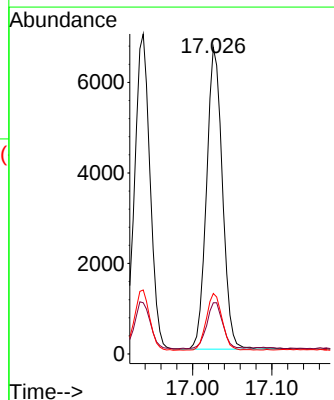
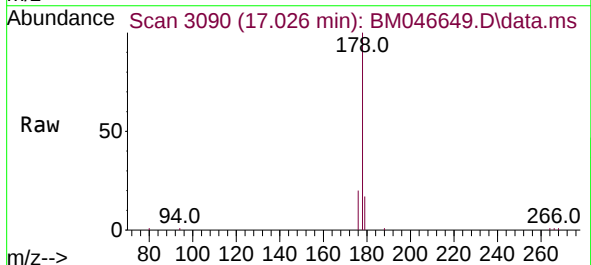
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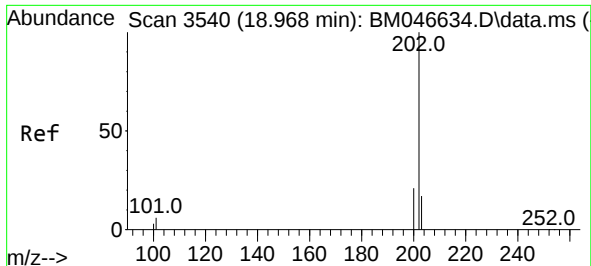
Tgt Ion:178 Resp: 9467
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:178 Resp: 9298
Ion Ratio Lower Upper
178 100
179 16.7 13.5 20.3
176 19.7 15.7 23.5

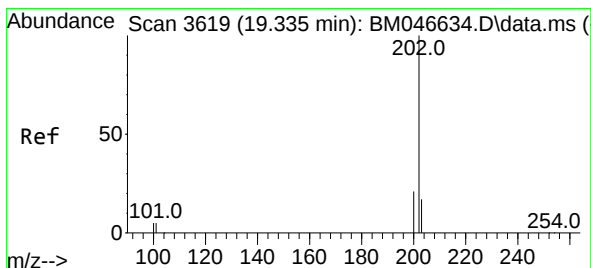
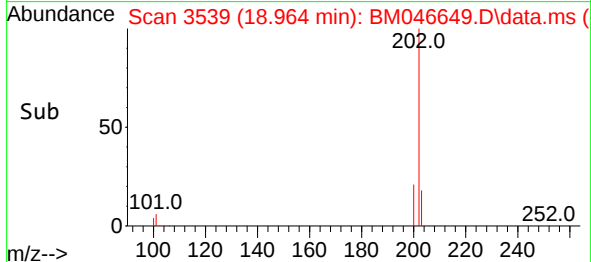
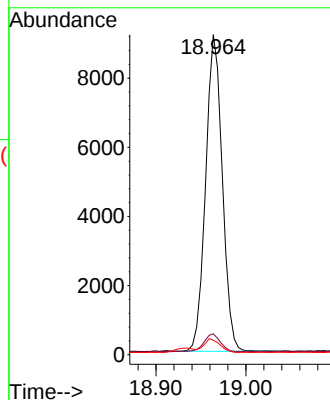
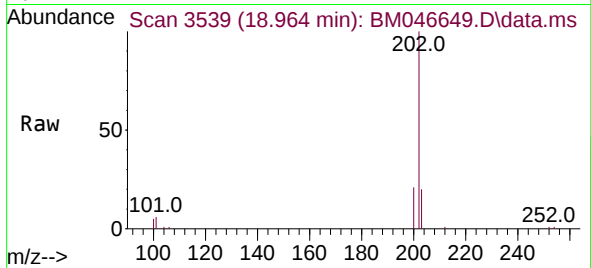




#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

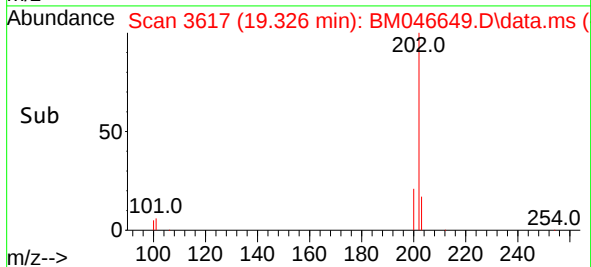
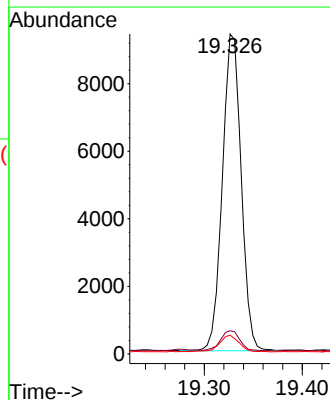
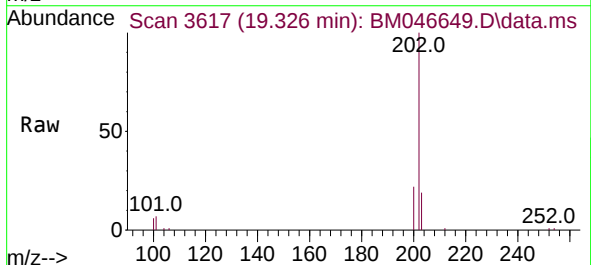
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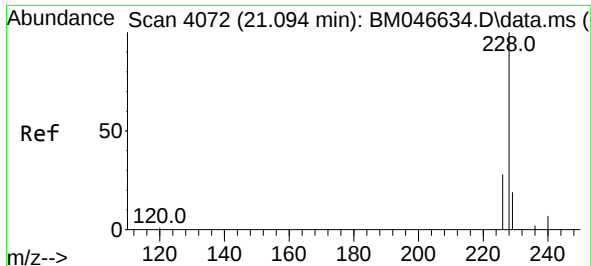
Tgt Ion:202 Resp: 11828
Ion Ratio Lower Upper
202 100
101 6.5 4.6 6.8
100 4.5 3.0 4.6



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:202 Resp: 12482
Ion Ratio Lower Upper
202 100
101 7.3 5.1 7.7
100 5.9 3.8 5.6#

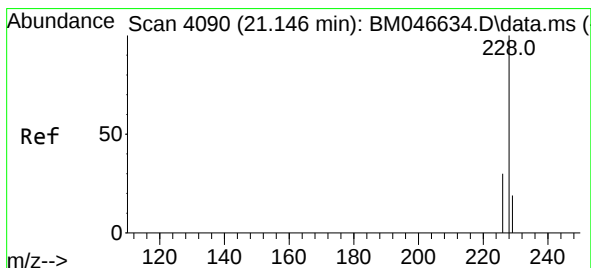
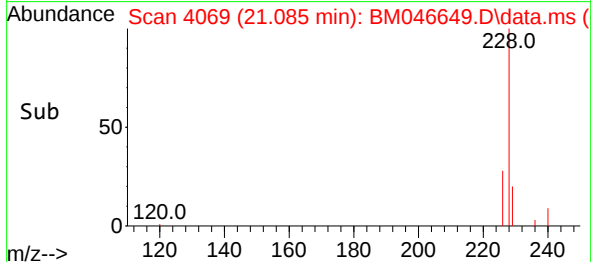
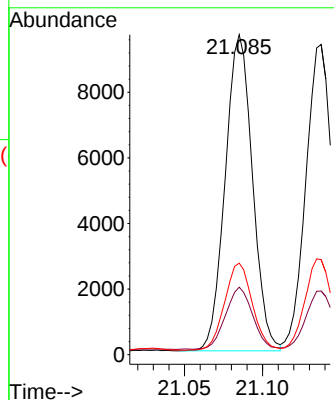
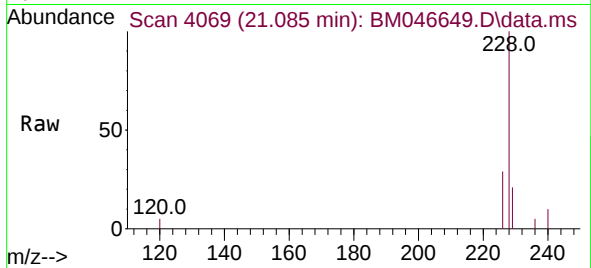




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.085 min Scan# 4072
Delta R.T. -0.003 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

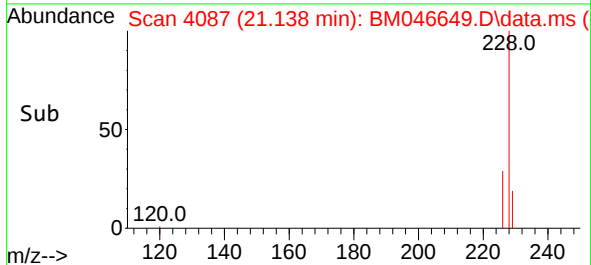
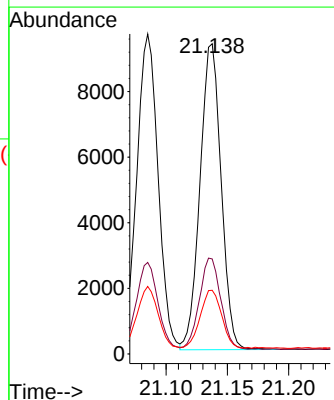
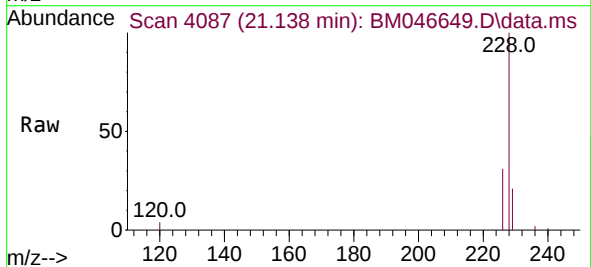
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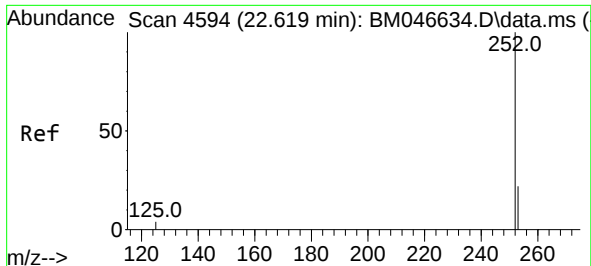
Tgt Ion:228 Resp: 11733
Ion Ratio Lower Upper
228 100
229 21.1 16.5 24.7
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.138 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:228 Resp: 11192
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.5 16.4 24.6

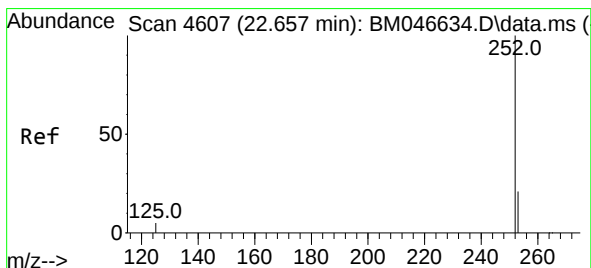
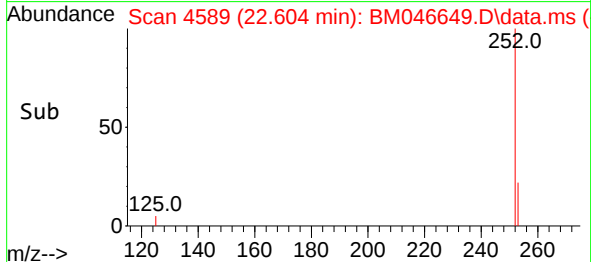
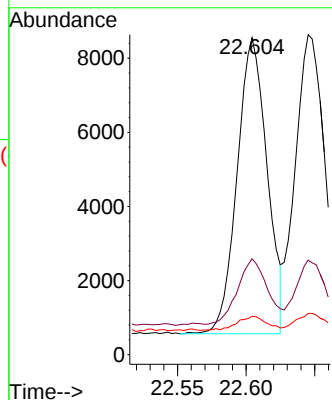
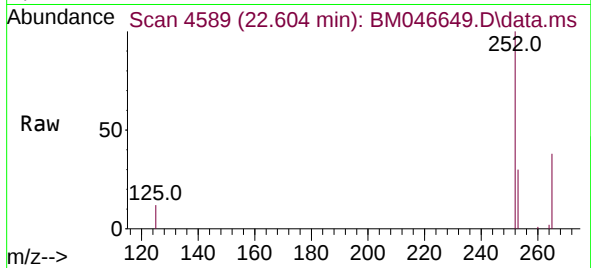




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 22.604 min Scan# 4589
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

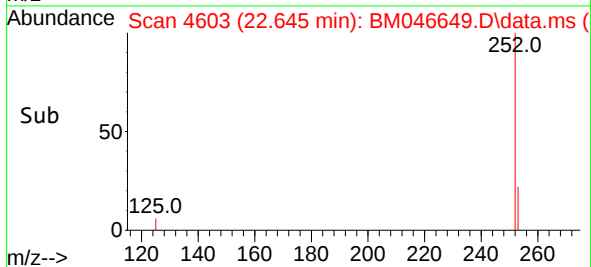
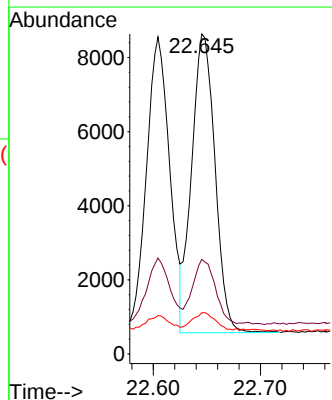
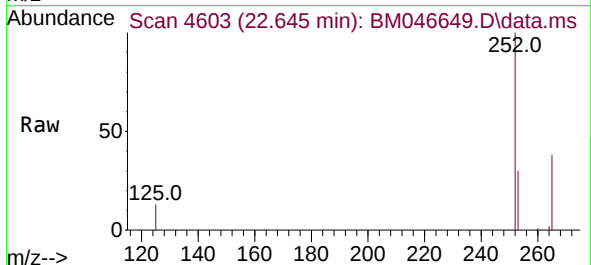
Instrument :
BNA_M
ClientSampleId :
SLCS884

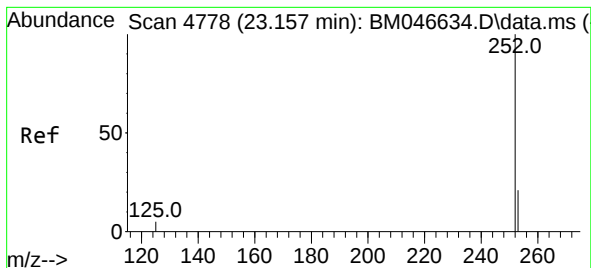
Tgt Ion:252 Resp: 12114
Ion Ratio Lower Upper
252 100
253 30.2 0.0 56.2
125 12.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:252 Resp: 12228
Ion Ratio Lower Upper
252 100
253 29.6 22.4 33.6
125 12.9 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.145 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046649.D

Acq: 17 Jul 2024 01:01

Instrument :

BNA_M

ClientSampleId :

SLCS884

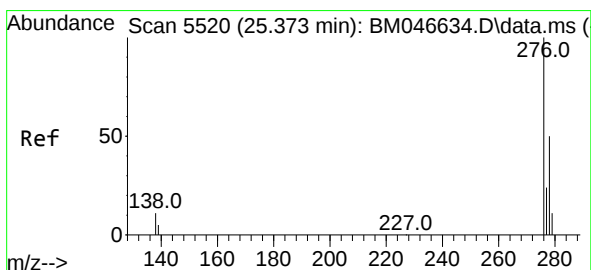
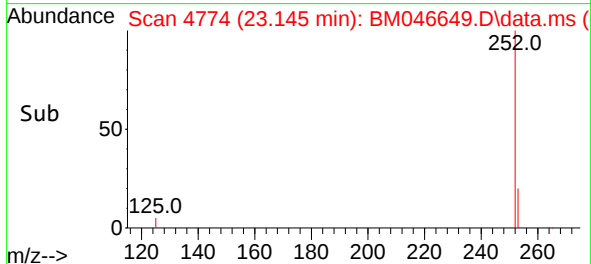
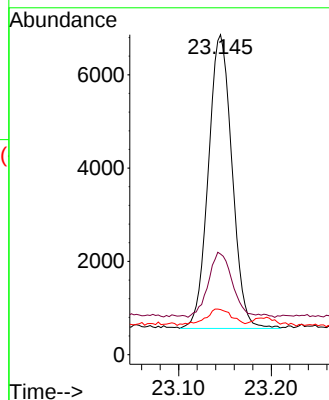
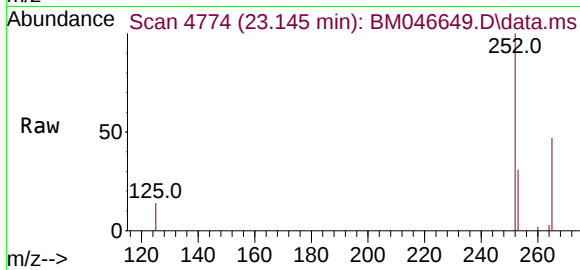
Tgt Ion:252 Resp: 11169

Ion Ratio Lower Upper

252 100

253 31.5 24.0 36.0

125 14.1 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.333 ng/ul

RT: 25.357 min Scan# 5515

Delta R.T. -0.003 min

Lab File: BM046649.D

Acq: 17 Jul 2024 01:01

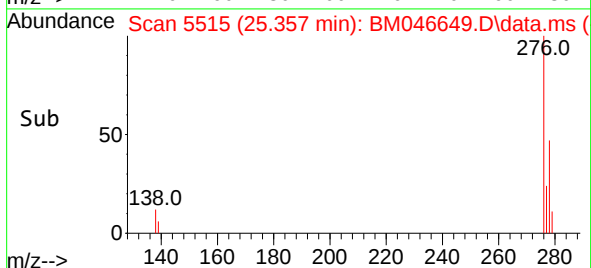
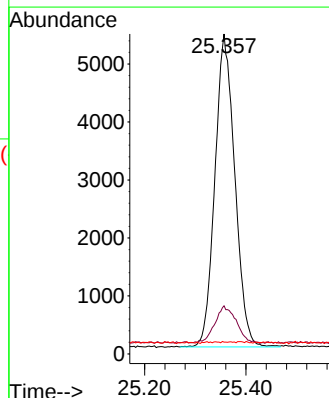
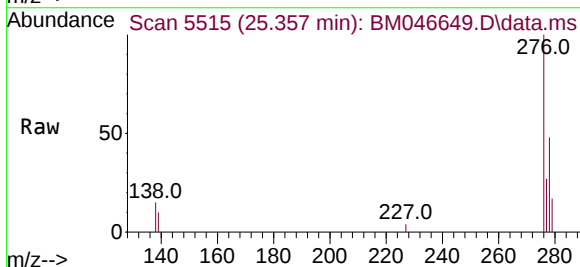
Tgt Ion:276 Resp: 14713

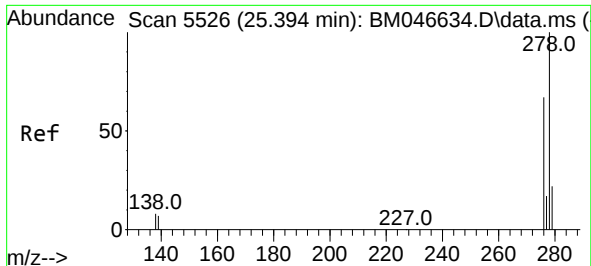
Ion Ratio Lower Upper

276 100

138 13.0 0.0 0.0#

227 0.1 0.2 0.2#

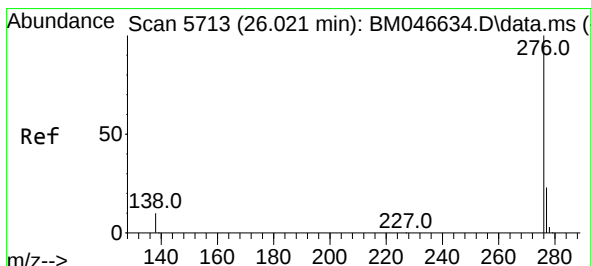
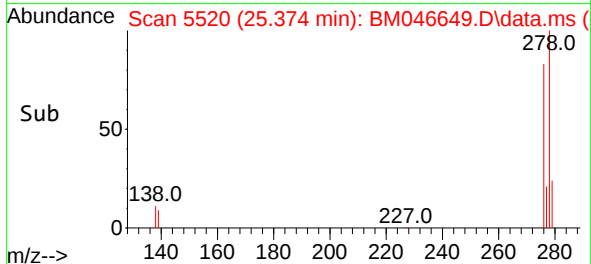
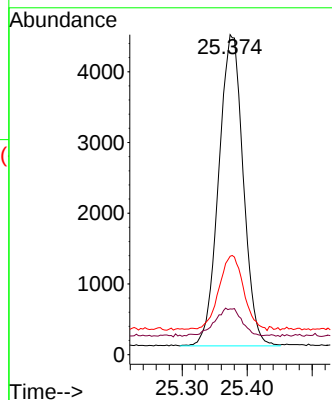
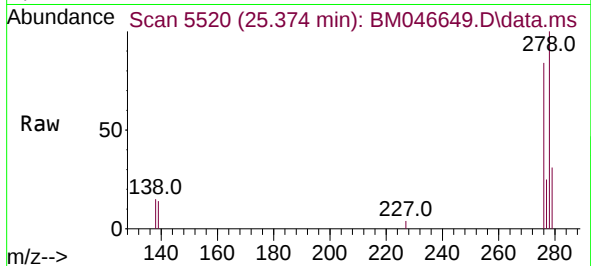




#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 25.374 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:278 Resp: 11508
Ion Ratio Lower Upper
278 100
139 14.3 9.1 13.7#
279 30.7 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 26.001 min Scan# 5707
Delta R.T. -0.003 min
Lab File: BM046649.D
Acq: 17 Jul 2024 01:01

Tgt Ion:276 Resp: 11510
Ion Ratio Lower Upper
276 100
138 14.6 10.2 15.4
277 28.2 20.9 31.3

