

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048903.D
 Acq On : 07 Dec 2024 18:46
 Operator : RC/JU
 Sample : PB165452BL
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS452

Quant Time: Dec 08 21:48:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

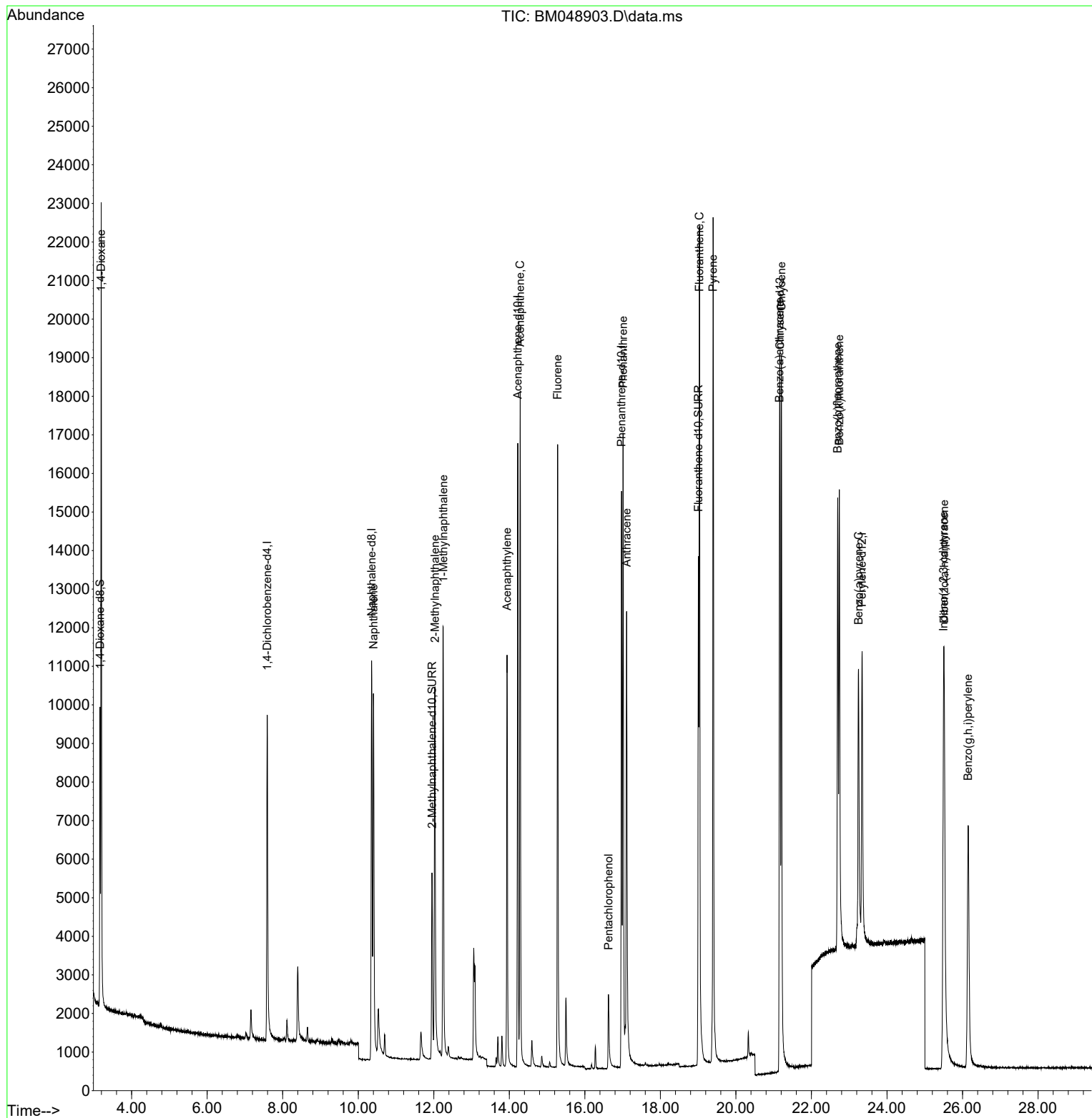
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	5517	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	15750	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	9073	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	18503	0.400	ng/ul	0.00
17) Chrysene-d12	21.167	240	12180	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	10968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4487	0.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	7965	0.420	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	15602	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	12705	1.523	ng/ul#	76
5) Naphthalene	10.402	128	14327	0.360	ng/ul	99
7) 2-Methylnaphthalene	12.029	142	8975	0.390	ng/ul	98
8) 1-Methylnaphthalene	12.249	142	9156	0.376	ng/ul	98
10) Acenaphthylene	13.941	152	13517	0.340	ng/ul	98
11) Acenaphthene	14.288	153	10460	0.364	ng/ul	98
12) Fluorene	15.278	166	11583	0.390	ng/ul	98
14) Pentachlorophenol	16.625	266	1849	1.156	ng/ul#	1
15) Phenanthrene	17.013	178	18411	0.392	ng/ul	97
16) Anthracene	17.106	178	15850	0.379	ng/ul	97
19) Fluoranthene	19.033	202	20493	0.366	ng/ul	99
20) Pyrene	19.396	202	20877	0.358	ng/ul	100
21) Benzo(a)anthracene	21.152	228	14546	0.423	ng/ul	98
22) Chrysene	21.204	228	18536	0.341	ng/ul	99
24) Benzo(b)fluoranthene	22.695	252	15224	0.494	ng/ul	93
25) Benzo(k)fluoranthene	22.739	252	17254	0.400	ng/ul	95
26) Benzo(a)pyrene	23.247	252	12690	0.402	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.497	276	16763	0.402	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.514	278	12826	0.411	ng/ul	92
29) Benzo(g,h,i)perylene	26.148	276	13975	0.386	ng/ul	96

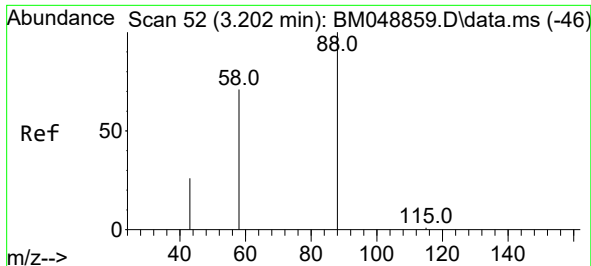
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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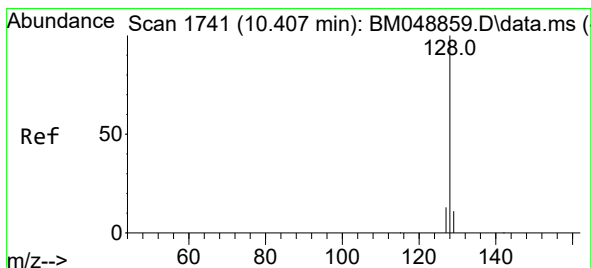
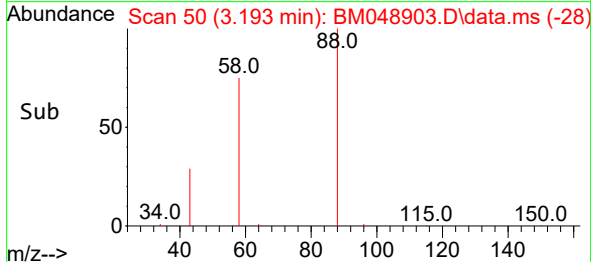
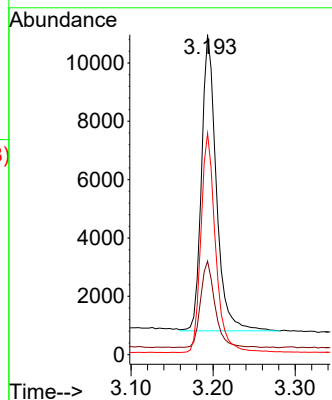
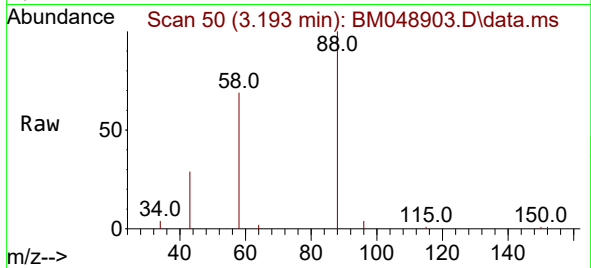




#2
1,4-Dioxane
Concen: 1.523 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.009 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

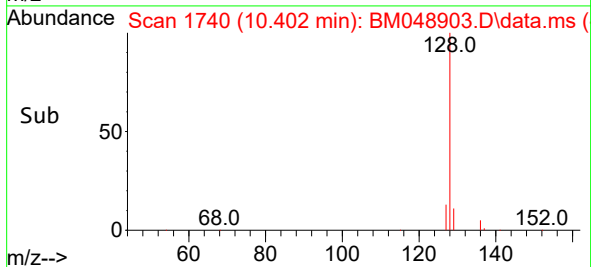
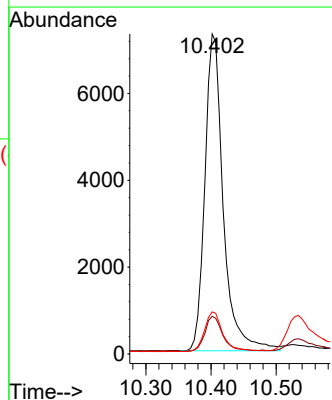
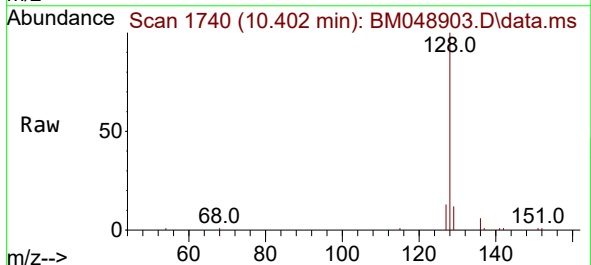
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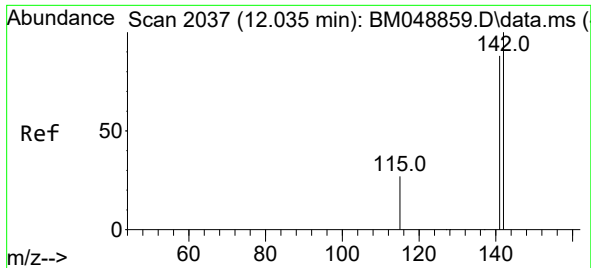
Tgt Ion: 88 Resp: 12705
Ion Ratio Lower Upper
88 100
43 29.3 20.6 30.8
58 69.2 37.6 56.4#



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.402 min Scan# 1740
Delta R.T. -0.011 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion: 128 Resp: 14327
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.2 10.7 16.1

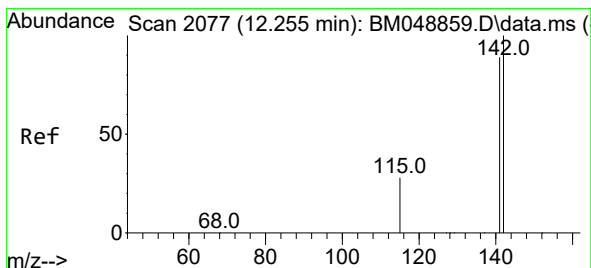
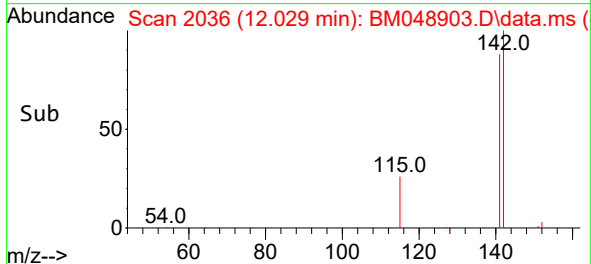
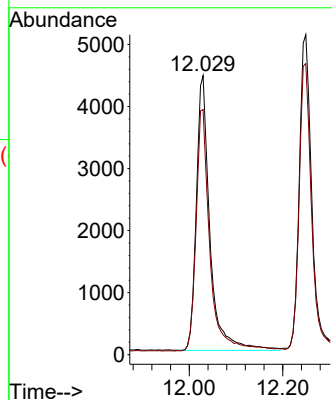
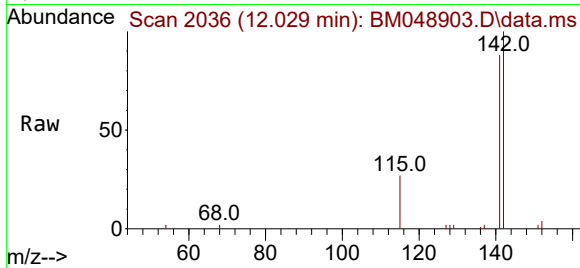




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.029 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

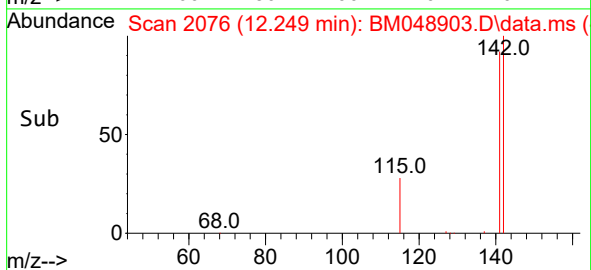
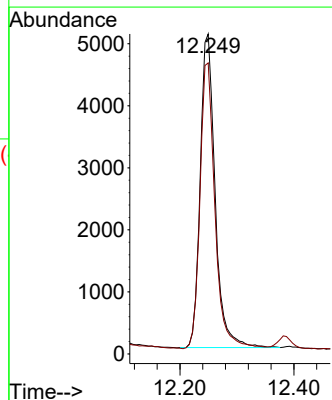
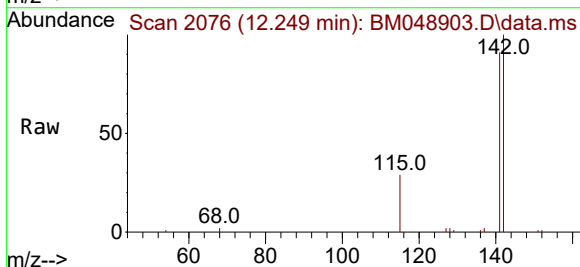
Instrument :
BNA_M
ClientSampleId :
SLCS452

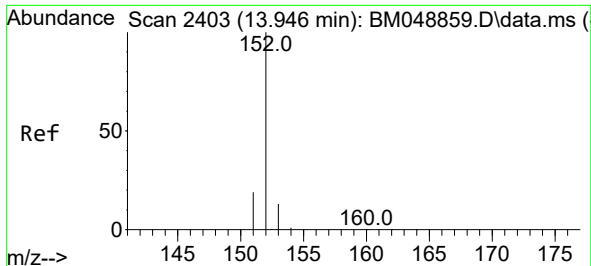
Tgt Ion:142 Resp: 8975
Ion Ratio Lower Upper
142 100
141 89.4 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.249 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:142 Resp: 9156
Ion Ratio Lower Upper
142 100
141 92.2 72.5 108.7

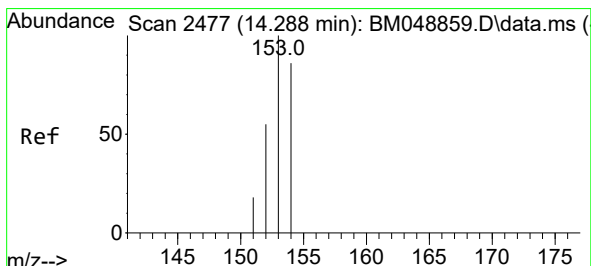
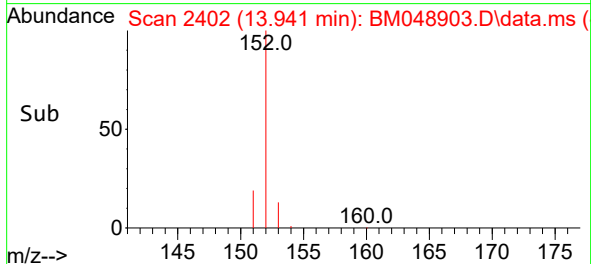
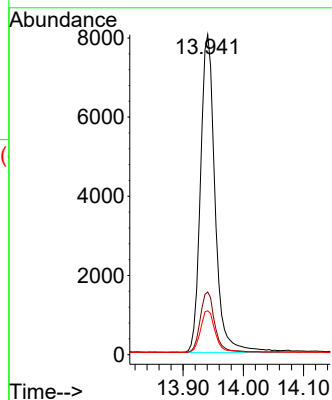
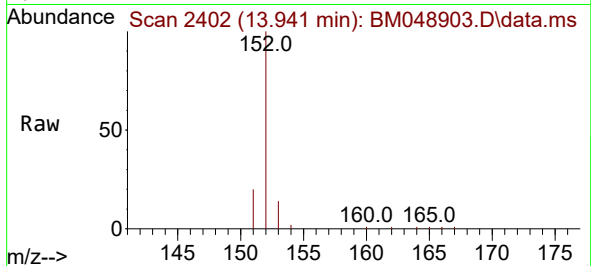




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 13.941 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

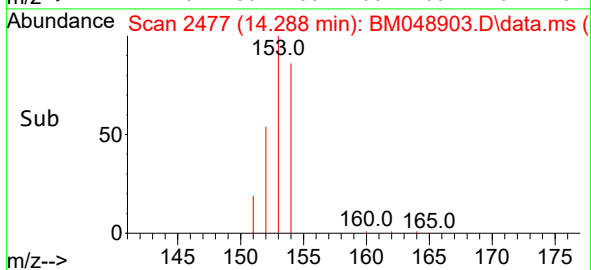
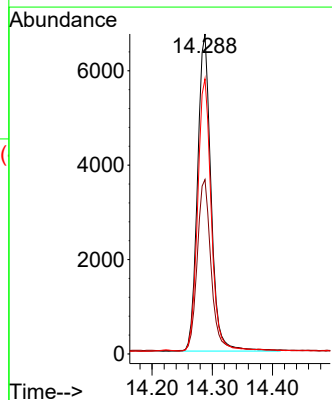
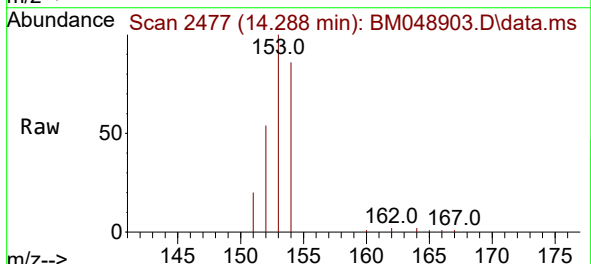
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ClientSampleId :
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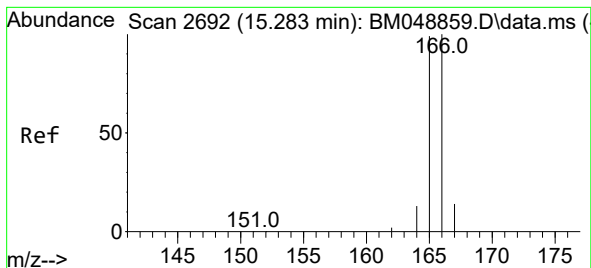
Tgt Ion:152 Resp: 13517
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.7 11.7 17.5



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:153 Resp: 10460
Ion Ratio Lower Upper
153 100
152 54.5 46.5 69.7
154 86.0 68.7 103.1





#12

Fluorene

Concen: 0.390 ng/ul

RT: 15.278 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM048903.D

Acq: 07 Dec 2024 18:46

Instrument :

BNA_M

ClientSampleId :

SLCS452

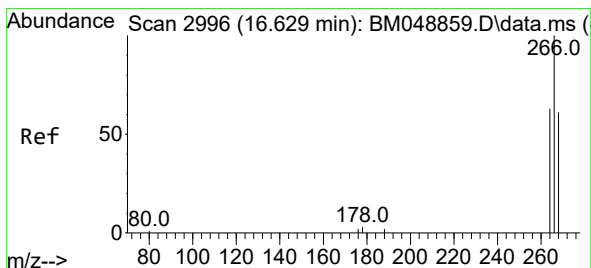
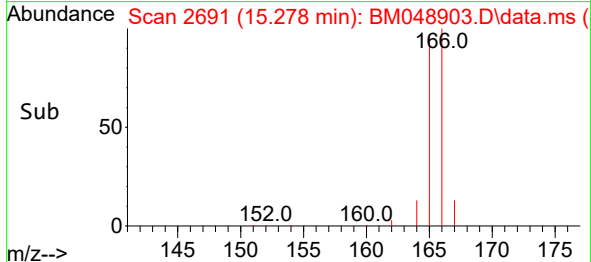
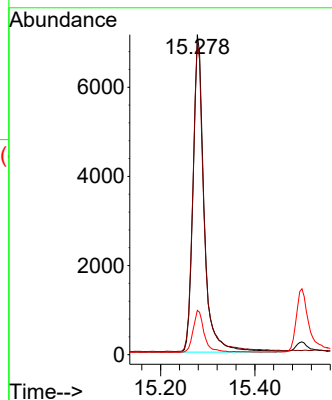
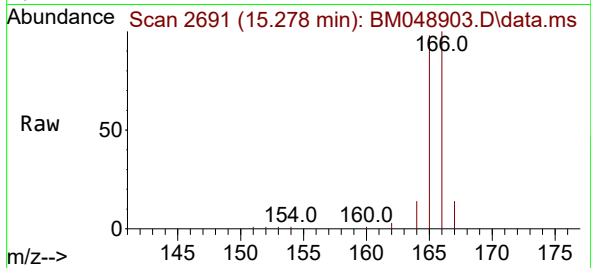
Tgt Ion:166 Resp: 11583

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.6

167 13.8 12.2 18.2



#14

Pentachlorophenol

Concen: 1.156 ng/ul

RT: 16.625 min Scan# 2995

Delta R.T. -0.009 min

Lab File: BM048903.D

Acq: 07 Dec 2024 18:46

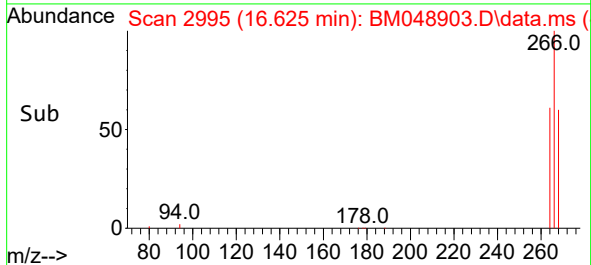
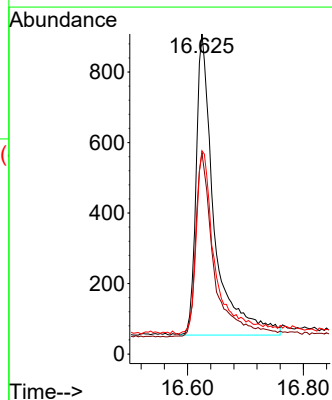
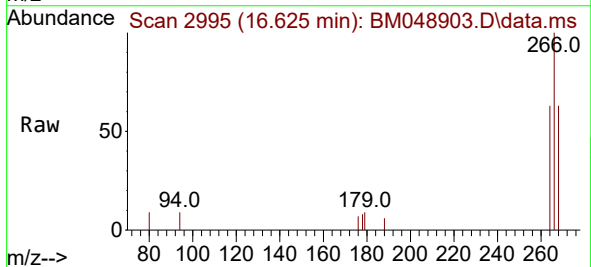
Tgt Ion:266 Resp: 1849

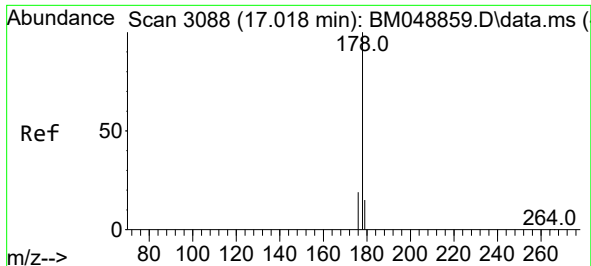
Ion Ratio Lower Upper

266 100

264 64.0 15.3 22.9#

268 66.5 0.0 0.0#

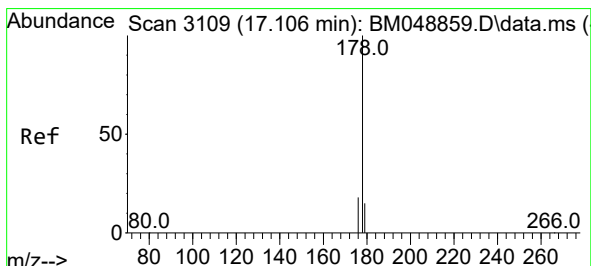
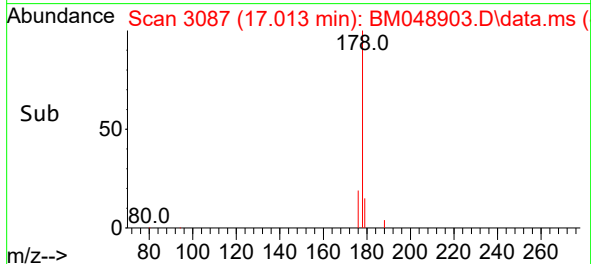
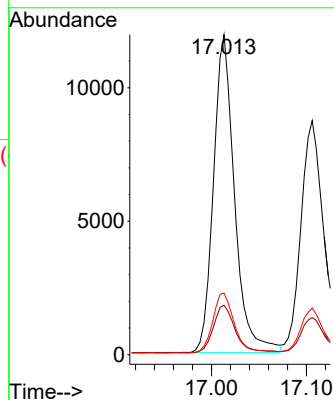
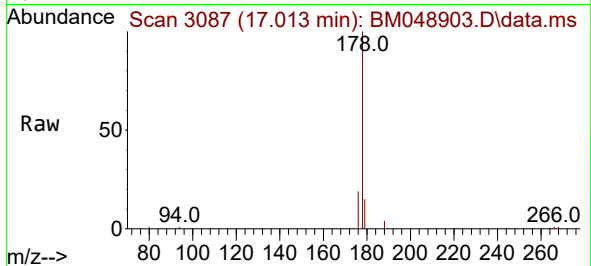




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

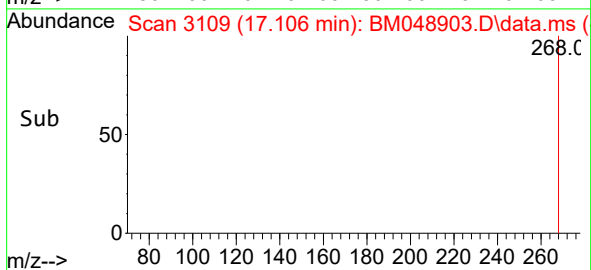
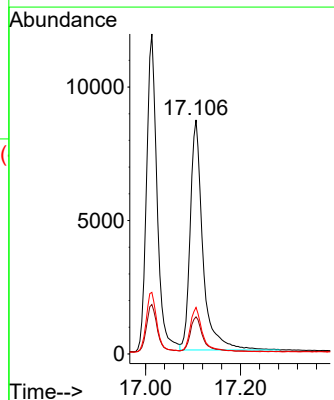
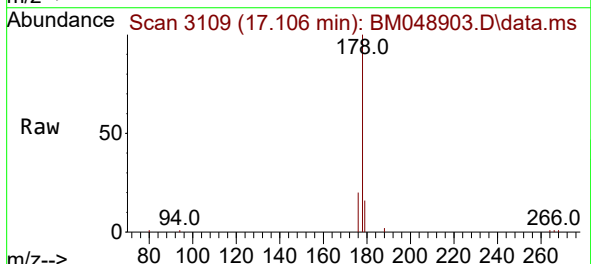
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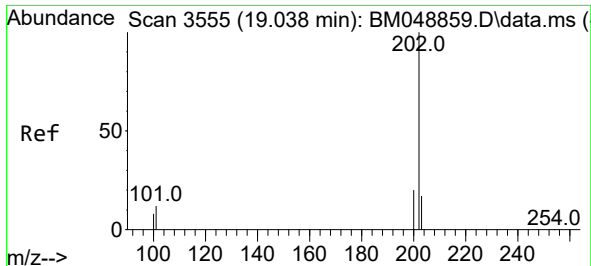
Tgt Ion:178 Resp: 18411
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.0
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:178 Resp: 15850
Ion Ratio Lower Upper
178 100
179 15.9 14.0 21.0
176 19.9 17.0 25.4

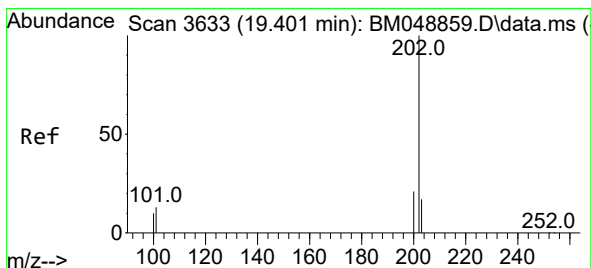
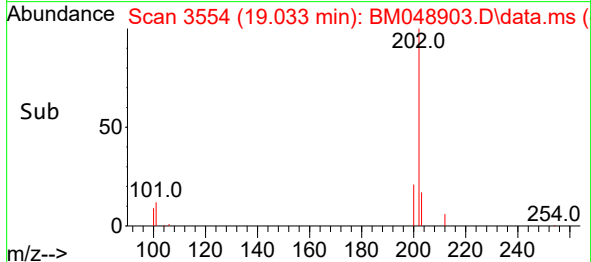
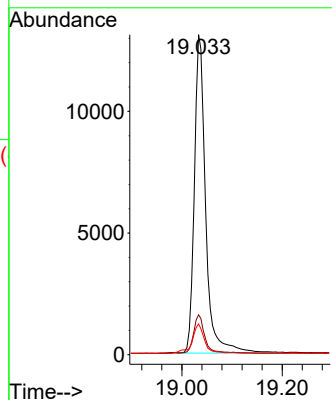
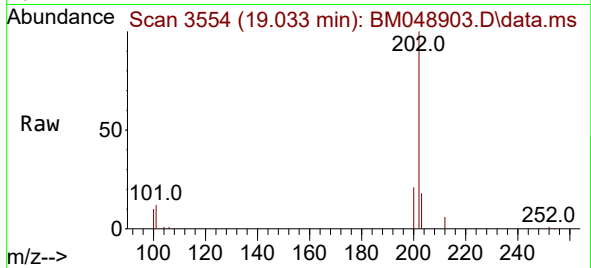




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.033 min Scan# 3554
Delta R.T. -0.009 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

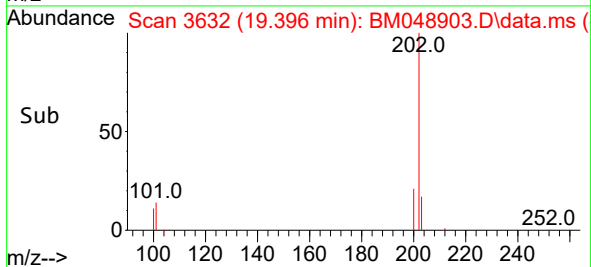
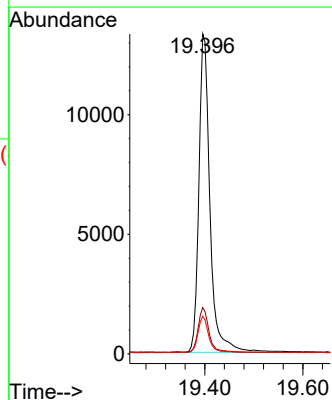
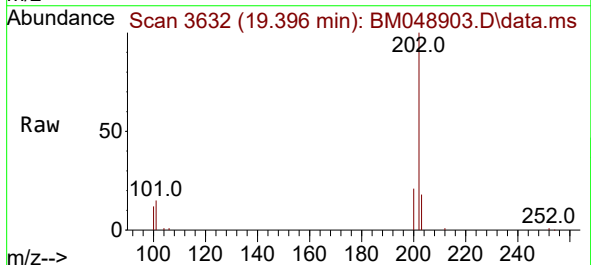
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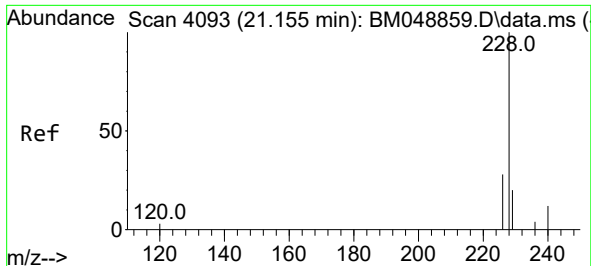
Tgt Ion:202 Resp: 20493
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.6 7.5 11.3



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.396 min Scan# 3632
Delta R.T. -0.005 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:202 Resp: 20877
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.8 9.4 14.0

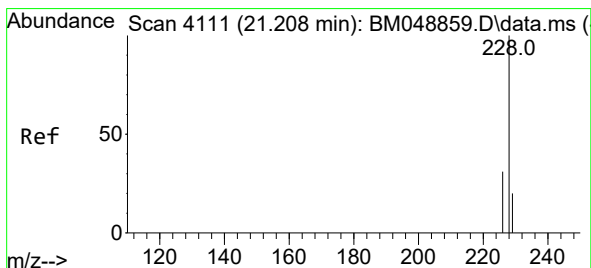
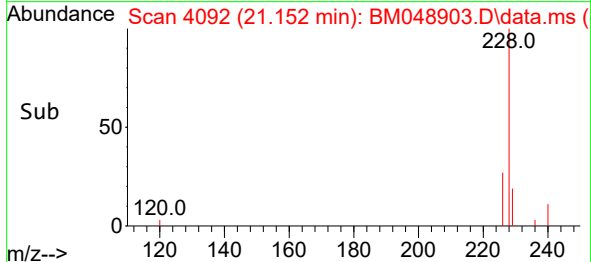
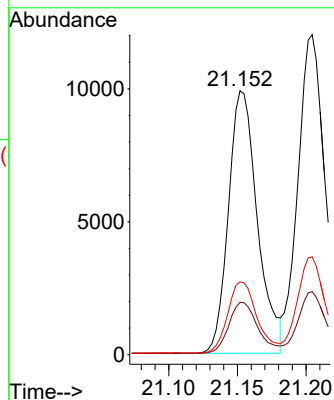
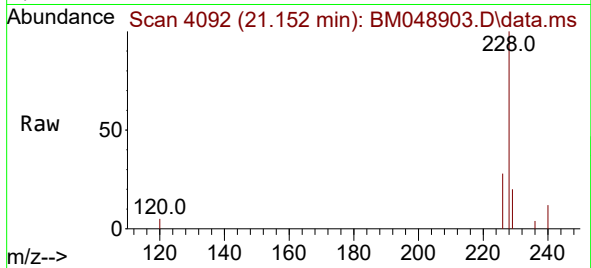




#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

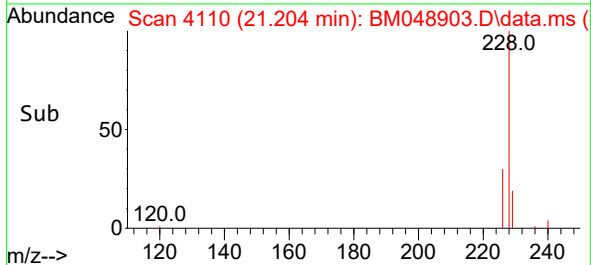
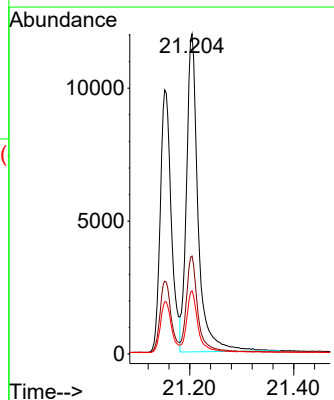
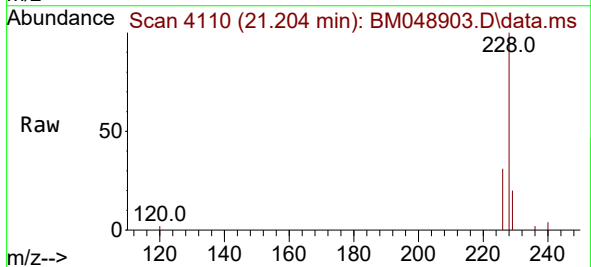
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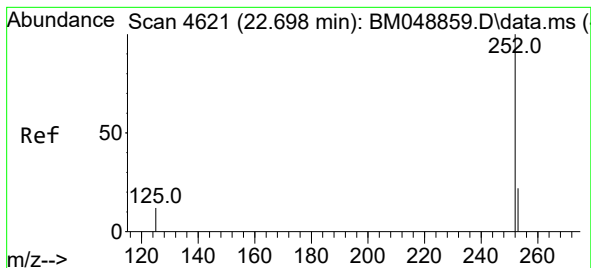
Tgt Ion:228 Resp: 14546
Ion Ratio Lower Upper
228 100
229 19.9 17.0 25.6
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.204 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:228 Resp: 18536
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.7 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 0.494 ng/ul

RT: 22.695 min Scan# 4621

Delta R.T. -0.006 min

Lab File: BM048903.D

Acq: 07 Dec 2024 18:46

Instrument :

BNA_M

ClientSampleId :

SLCS452

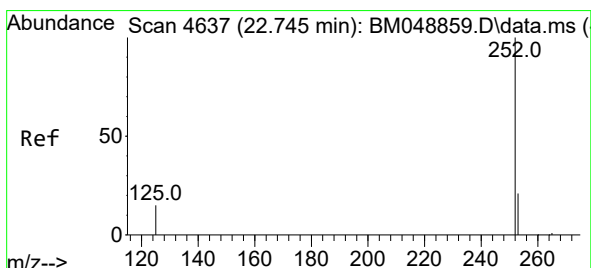
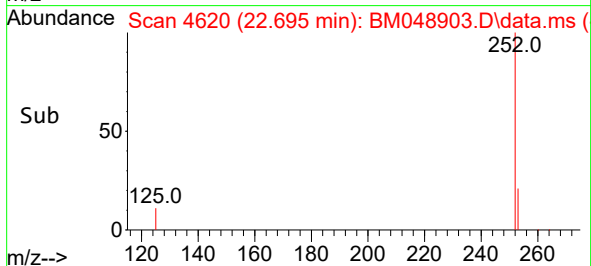
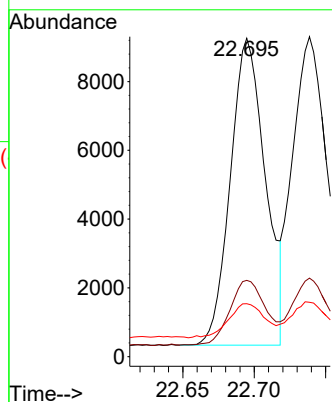
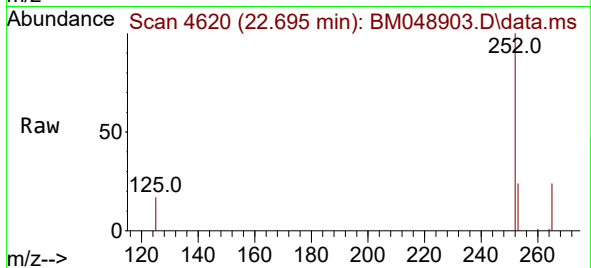
Tgt Ion:252 Resp: 15224

Ion Ratio Lower Upper

252 100

253 24.0 0.0 54.2

125 16.6 0.0 41.4



#25

Benzo(k)fluoranthene

Concen: 0.400 ng/ul

RT: 22.739 min Scan# 4635

Delta R.T. -0.006 min

Lab File: BM048903.D

Acq: 07 Dec 2024 18:46

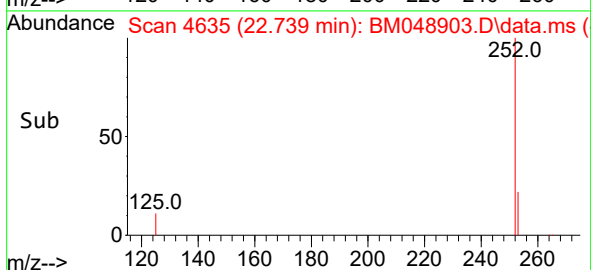
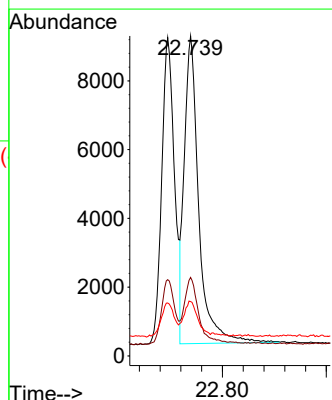
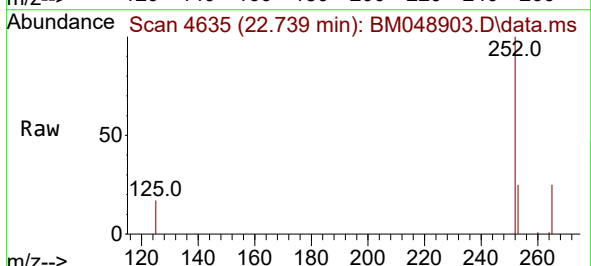
Tgt Ion:252 Resp: 17254

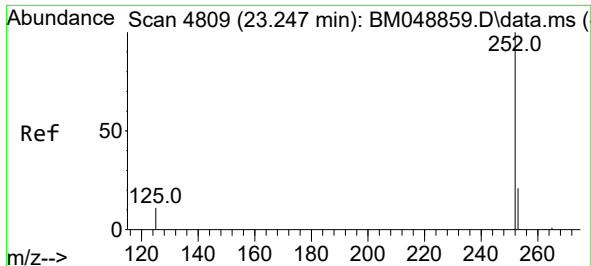
Ion Ratio Lower Upper

252 100

253 24.6 20.8 31.2

125 17.0 16.2 24.4

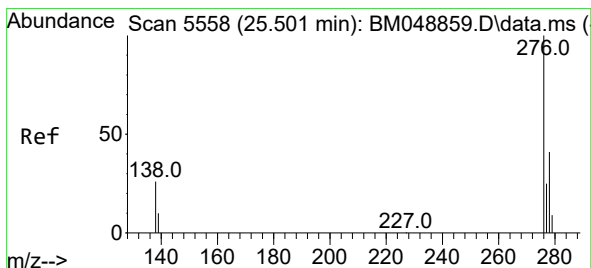
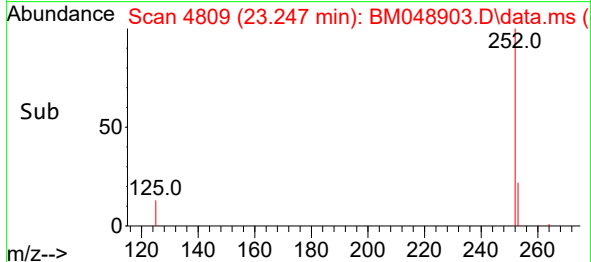
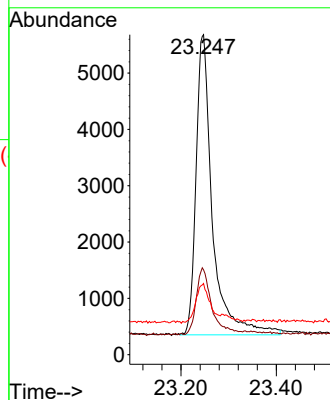
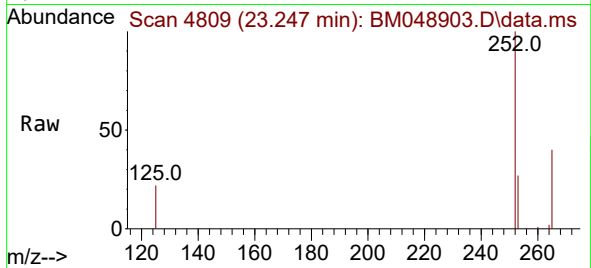




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.247 min Scan# 4809
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

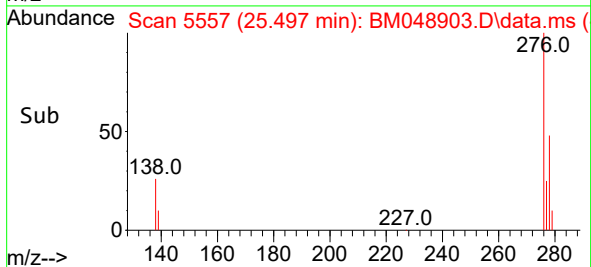
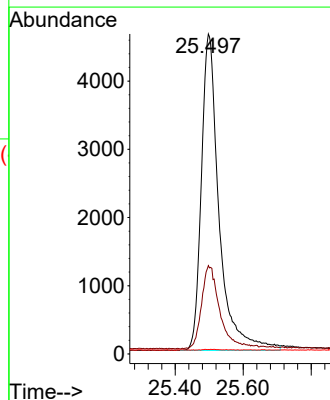
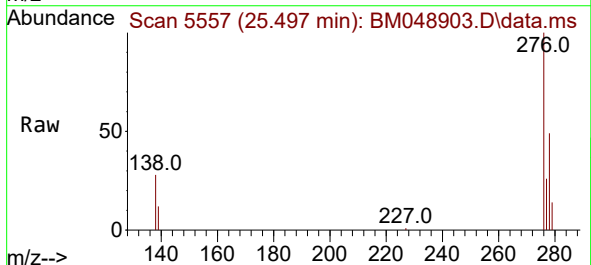
Instrument :
BNA_M
ClientSampleId :
SLCS452

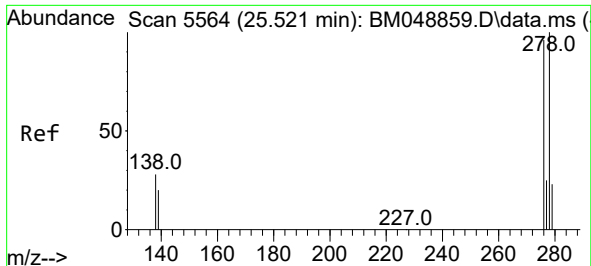
Tgt Ion:252 Resp: 12690
Ion Ratio Lower Upper
252 100
253 26.5 22.5 33.7
125 22.3 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.497 min Scan# 5557
Delta R.T. -0.010 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:276 Resp: 16763
Ion Ratio Lower Upper
276 100
138 27.2 23.3 34.9
227 0.1 0.1 0.1#

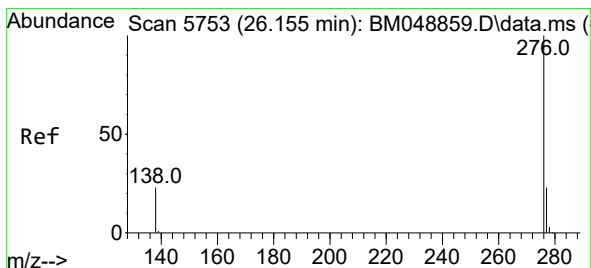
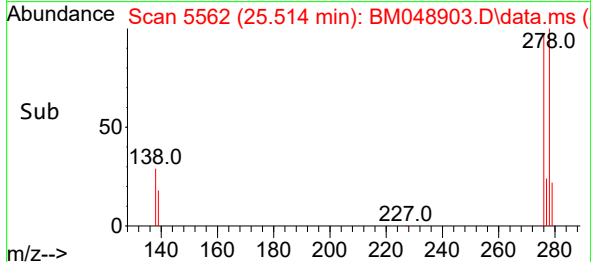
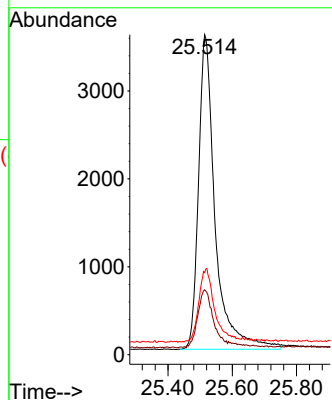
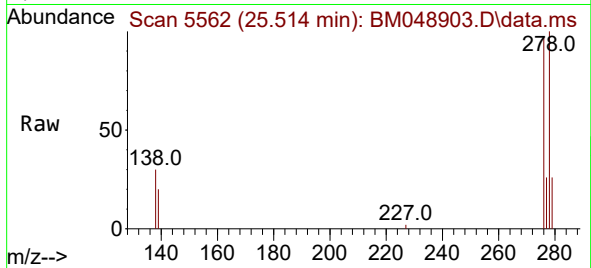




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 25.514 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:278 Resp: 12826
Ion Ratio Lower Upper
278 100
139 20.3 18.6 27.8
279 25.6 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 26.148 min Scan# 5751
Delta R.T. -0.014 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:276 Resp: 13975
Ion Ratio Lower Upper
276 100
138 26.0 22.2 33.2
277 24.9 21.8 32.6

