

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048902.D
 Acq On : 07 Dec 2024 18:10
 Operator : RC/JU
 Sample : PB165450BL
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS450

Quant Time: Dec 08 21:48:06 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

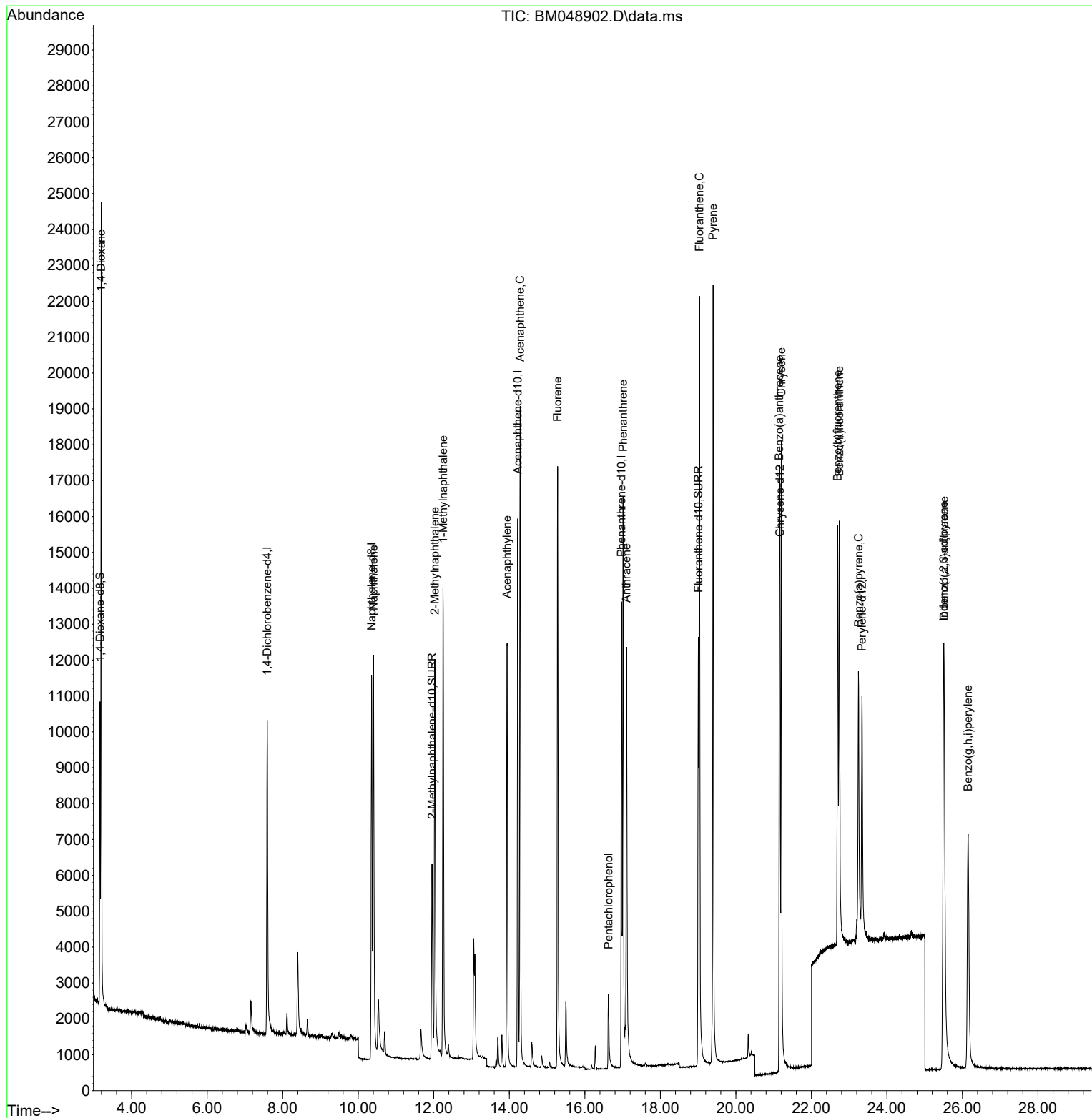
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	5593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.354	136	16107	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.224	164	8812	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.972	188	16655	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	9938	0.400	ng/ul	0.00
23) Perylene-d12	23.340	264	9667	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4758	0.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.954	152	9159	0.472	ng/ul	0.00
18) Fluoranthene-d10	19.007	212	15111	0.493	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	13295	1.572	ng/ul#	74
5) Naphthalene	10.403	128	16694	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	10273	0.437	ng/ul	98
8) 1-Methylnaphthalene	12.245	142	10573	0.425	ng/ul	98
10) Acenaphthylene	13.942	152	15066	0.390	ng/ul	99
11) Acenaphthene	14.289	153	11558	0.415	ng/ul	98
12) Fluorene	15.279	166	12505	0.433	ng/ul	98
14) Pentachlorophenol	16.626	266	2015	1.399	ng/ul#	5
15) Phenanthrene	17.015	178	18642	0.441	ng/ul	99
16) Anthracene	17.103	178	16168	0.430	ng/ul	96
19) Fluoranthene	19.035	202	19811	0.434	ng/ul	100
20) Pyrene	19.397	202	19851	0.417	ng/ul	99
21) Benzo(a)anthracene	21.152	228	13613	0.485	ng/ul	98
22) Chrysene	21.204	228	17149	0.386	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	14770	0.544	ng/ul	95
25) Benzo(k)fluoranthene	22.738	252	17036	0.448	ng/ul	97
26) Benzo(a)pyrene	23.247	252	12429	0.447	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.500	276	17415	0.473	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.514	278	13403	0.487	ng/ul	94
29) Benzo(g,h,i)perylene	26.148	276	14228	0.446	ng/ul	95

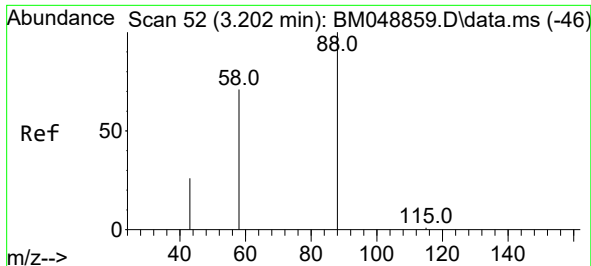
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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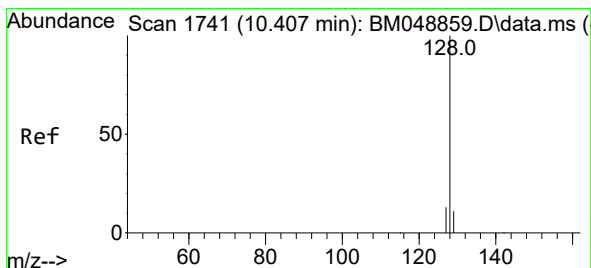
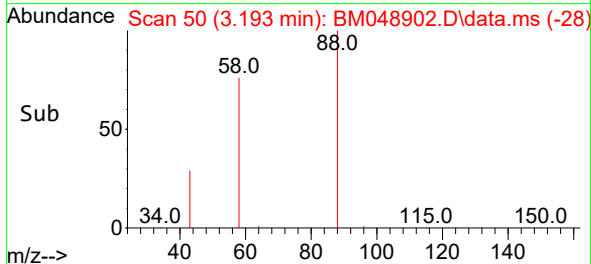
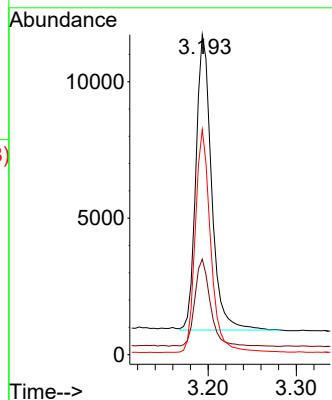
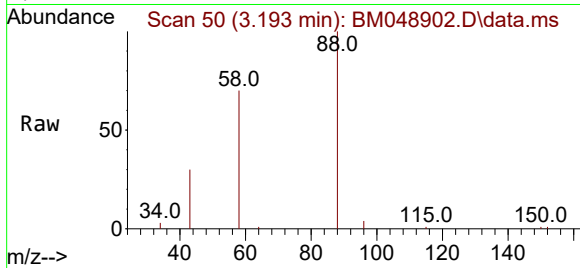




#2
1,4-Dioxane
Concen: 1.572 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.009 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

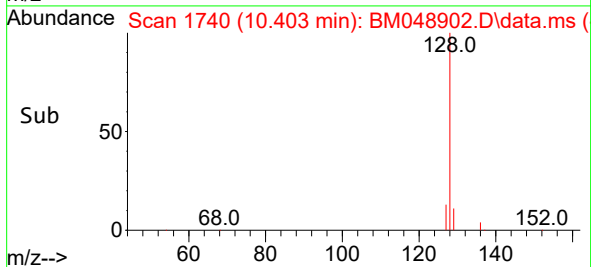
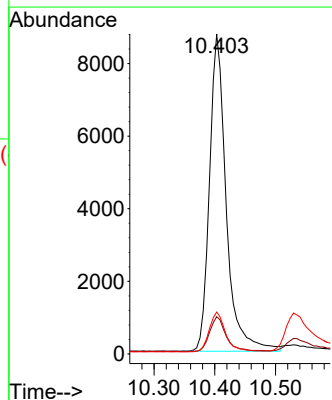
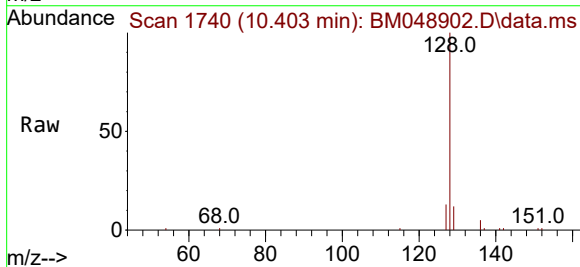
Instrument :
BNA_M
ClientSampleId :
SLCS450

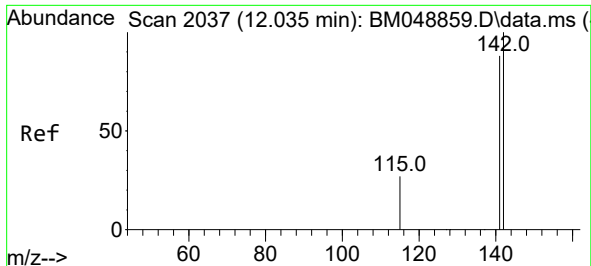
Tgt Ion: 88 Resp: 13295
Ion Ratio Lower Upper
88 100
43 29.8 20.6 30.8
58 70.4 37.6 56.4#



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.403 min Scan# 1740
Delta R.T. -0.010 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:128 Resp: 16694
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.1 10.7 16.1

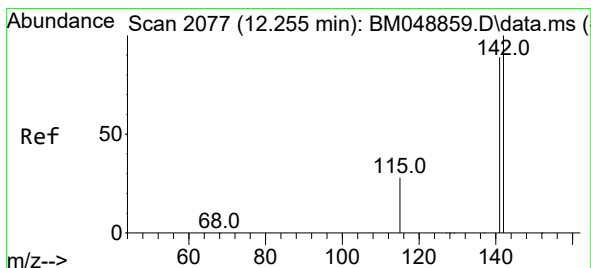
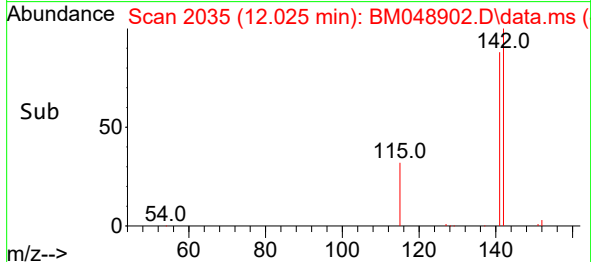
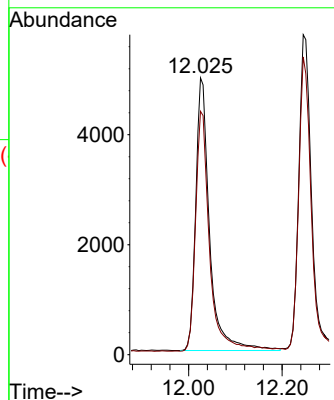
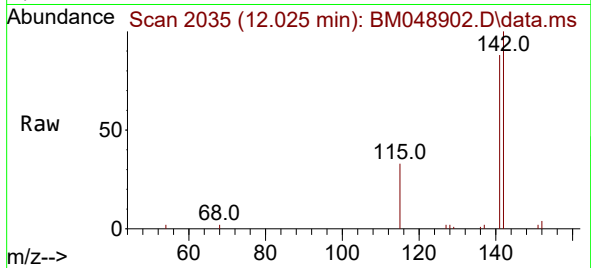




#7
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.025 min Scan# 2035
Delta R.T. -0.010 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

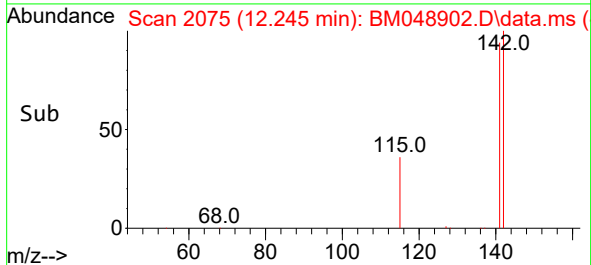
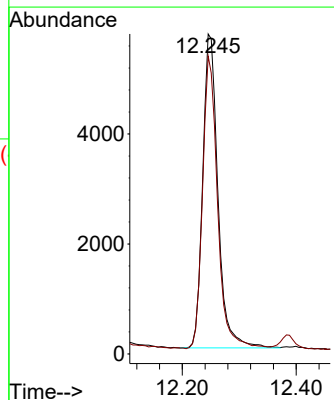
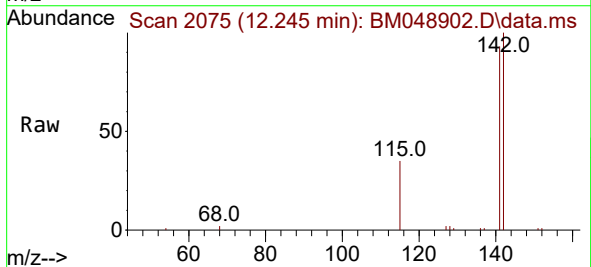
Instrument :
BNA_M
ClientSampleId :
SLCS450

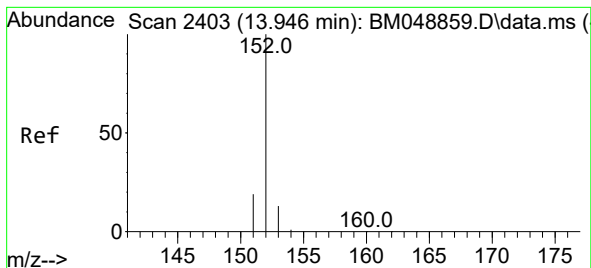
Tgt Ion:142 Resp: 10273
Ion Ratio Lower Upper
142 100
141 89.3 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. -0.010 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:142 Resp: 10573
Ion Ratio Lower Upper
142 100
141 92.4 72.5 108.7





#10

Acenaphthylene

Concen: 0.390 ng/ul

RT: 13.942 min Scan# 2403

Delta R.T. -0.003 min

Lab File: BM048902.D

Acq: 07 Dec 2024 18:10

Instrument :

BNA_M

ClientSampleId :

SLCS450

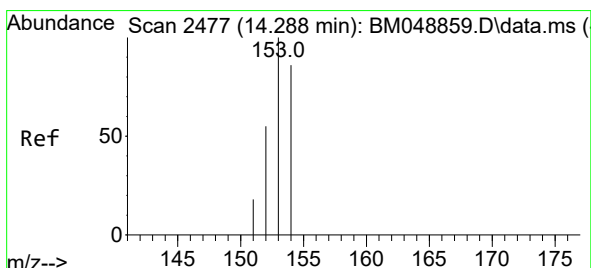
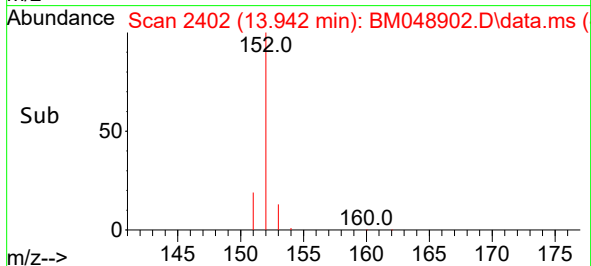
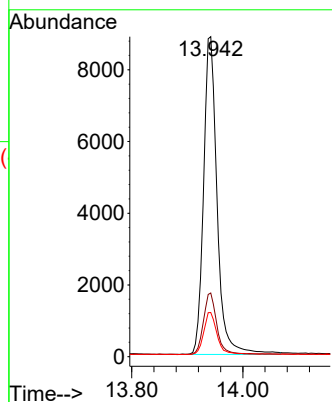
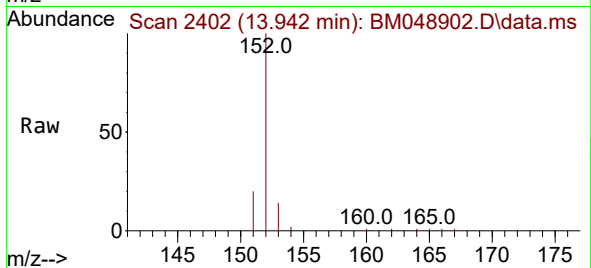
Tgt Ion:152 Resp: 15066

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.8 11.7 17.5



#11

Acenaphthene

Concen: 0.415 ng/ul

RT: 14.289 min Scan# 2477

Delta R.T. -0.003 min

Lab File: BM048902.D

Acq: 07 Dec 2024 18:10

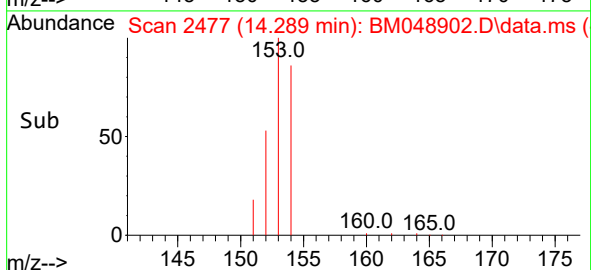
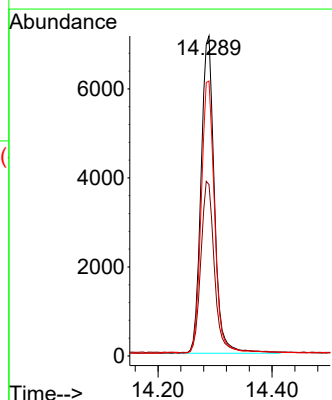
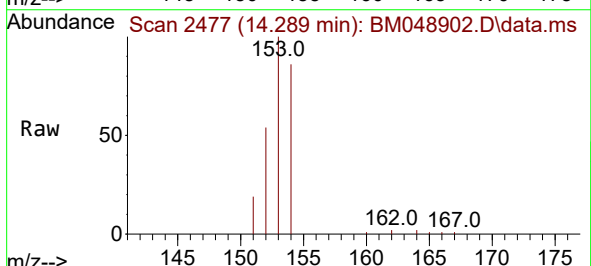
Tgt Ion:153 Resp: 11558

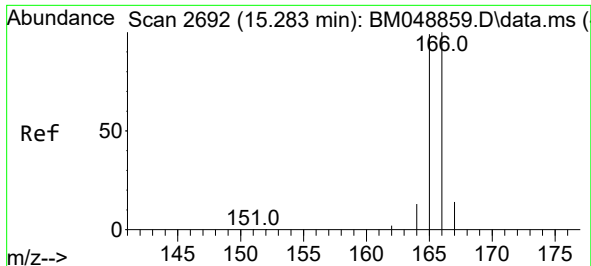
Ion Ratio Lower Upper

153 100

152 53.6 46.5 69.7

154 85.9 68.7 103.1

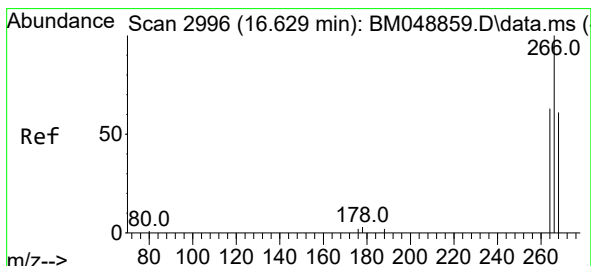
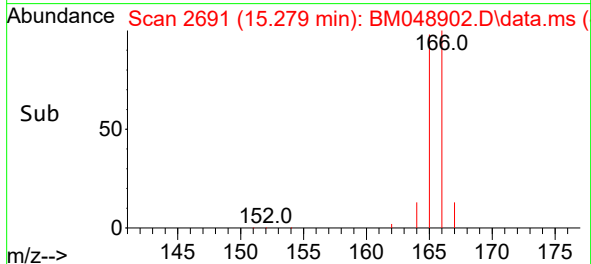
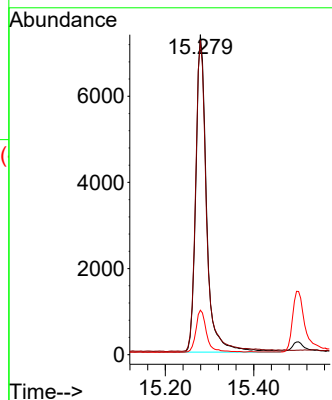
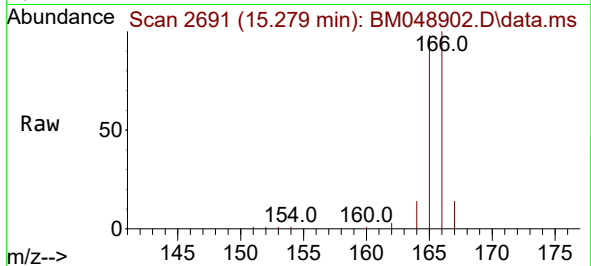




#12
Fluorene
Concen: 0.433 ng/ul
RT: 15.279 min Scan# 2095
Delta R.T. -0.008 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

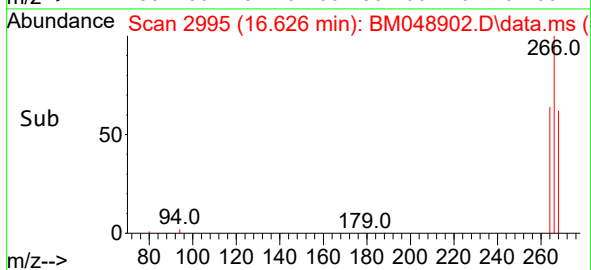
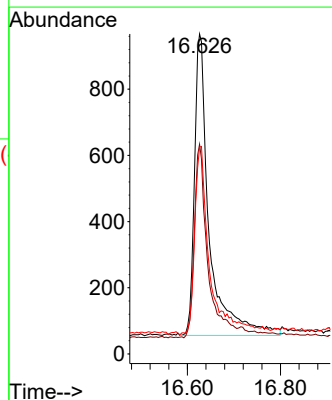
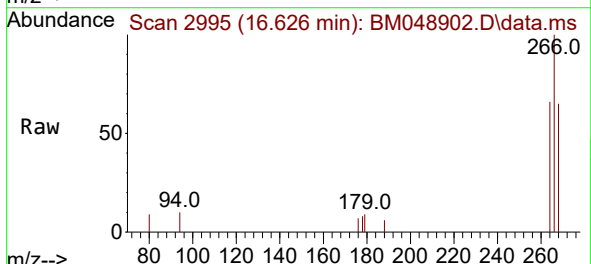
Instrument :
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ClientSampleId :
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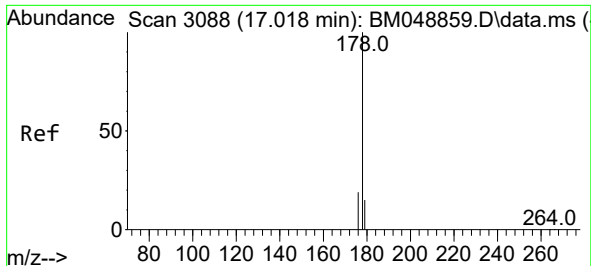
Tgt Ion:166 Resp: 12505
Ion Ratio Lower Upper
166 100
165 98.1 79.8 119.6
167 13.9 12.2 18.2



#14
Pentachlorophenol
Concen: 1.399 ng/ul
RT: 16.626 min Scan# 2995
Delta R.T. -0.007 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:266 Resp: 2015
Ion Ratio Lower Upper
266 100
264 62.0 15.3 22.9#
268 64.8 0.0 0.0#

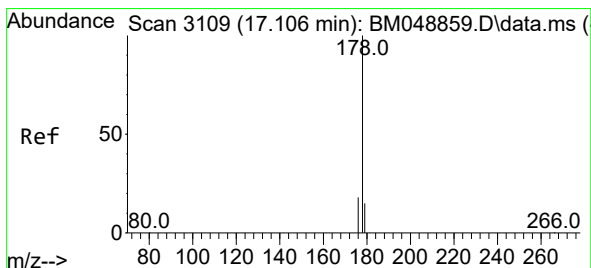
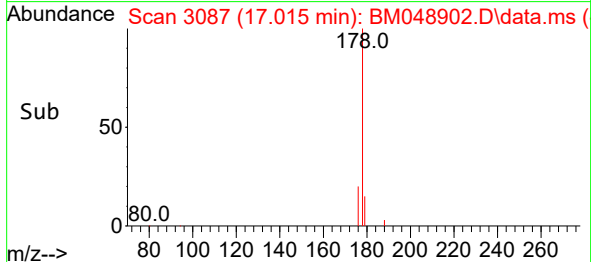
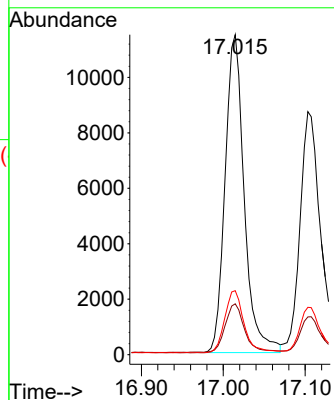
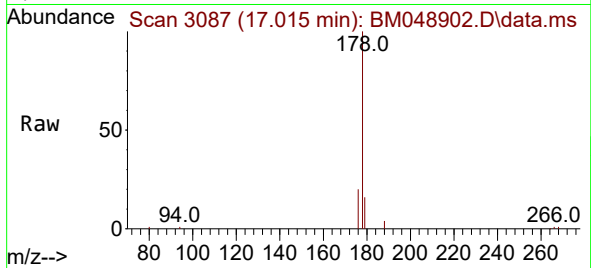




#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

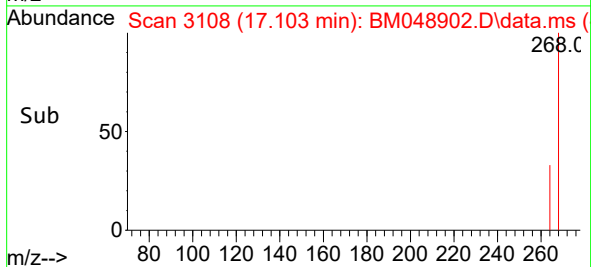
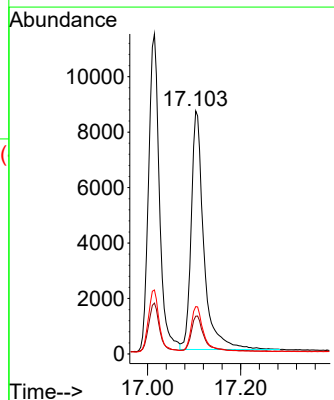
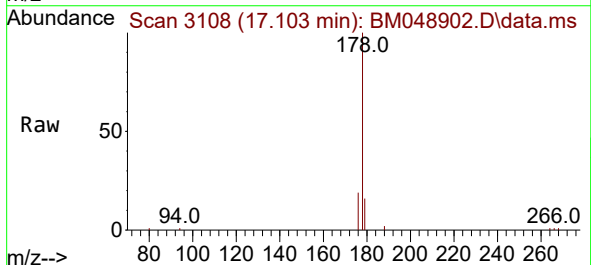
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ClientSampleId :
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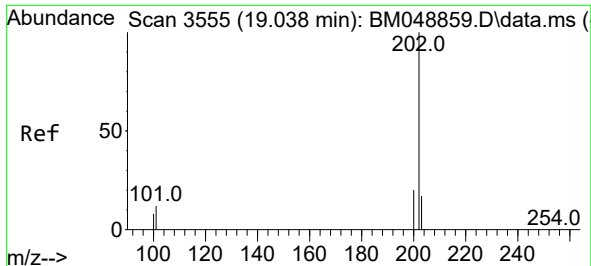
Tgt Ion:178 Resp: 18642
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.0
176 20.0 16.2 24.4



#16
Anthracene
Concen: 0.430 ng/ul
RT: 17.103 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:178 Resp: 16168
Ion Ratio Lower Upper
178 100
179 15.5 14.0 21.0
176 19.5 17.0 25.4

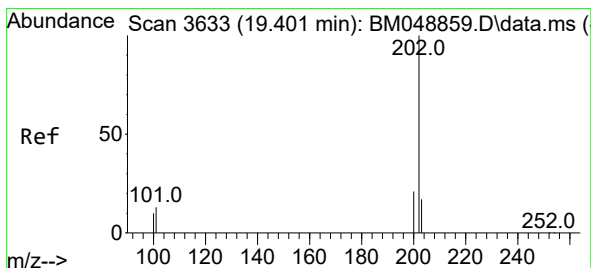
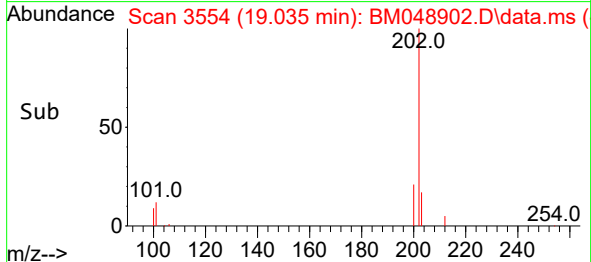
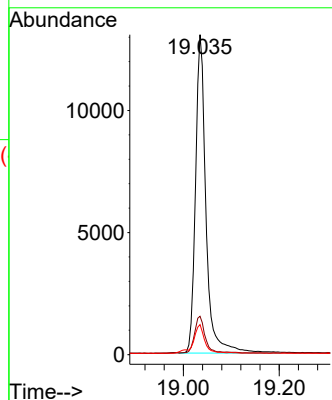
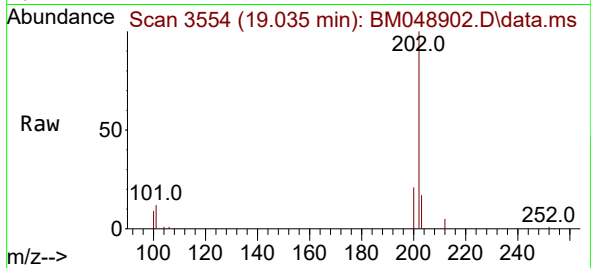




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.035 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

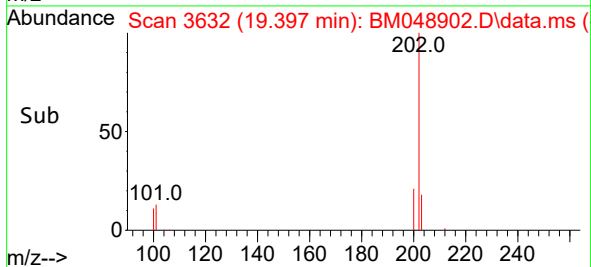
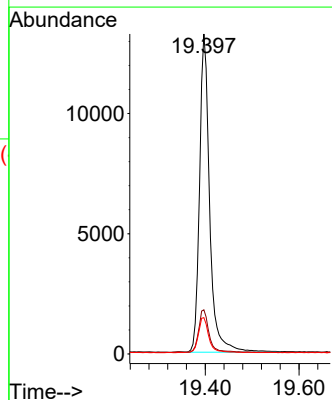
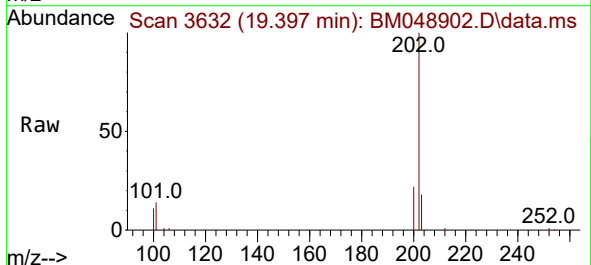
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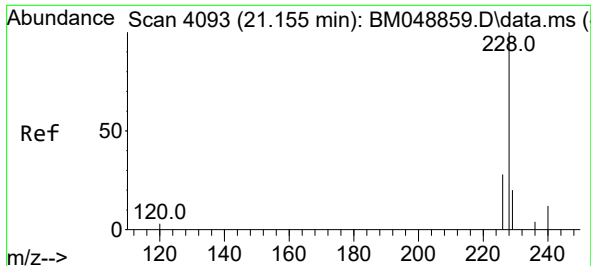
Tgt Ion:202 Resp: 19811
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.4 7.5 11.3



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.397 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:202 Resp: 19851
Ion Ratio Lower Upper
202 100
101 13.8 11.6 17.4
100 11.3 9.4 14.0

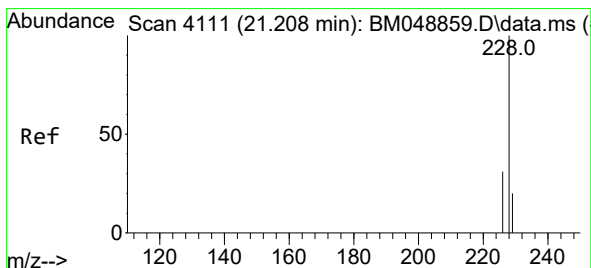
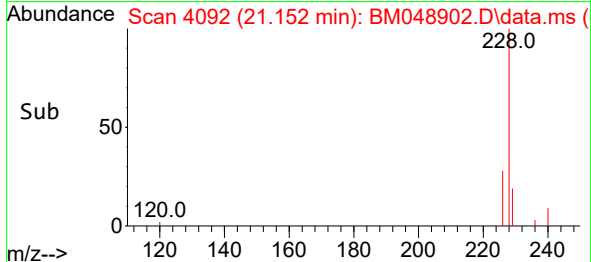
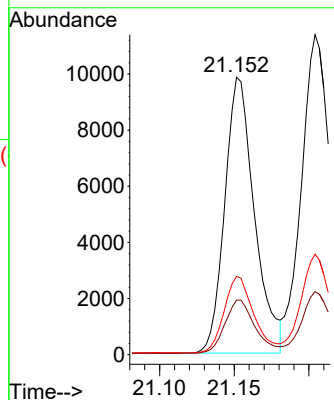
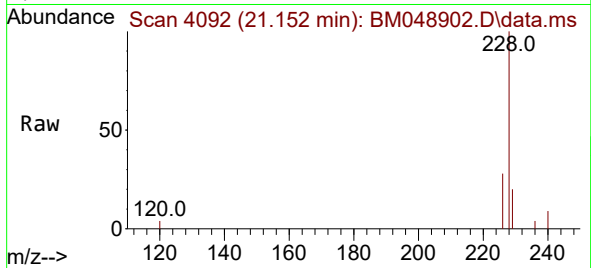




#21
Benzo(a)anthracene
Concen: 0.485 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

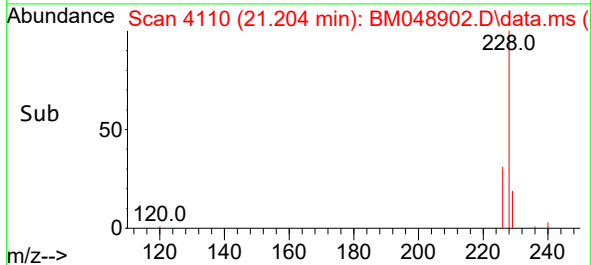
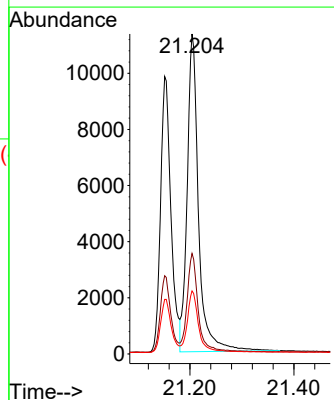
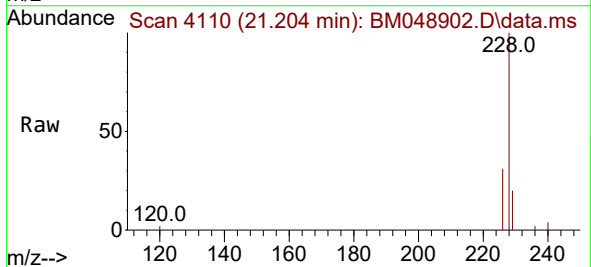
Instrument :
BNA_M
ClientSampleId :
SLCS450

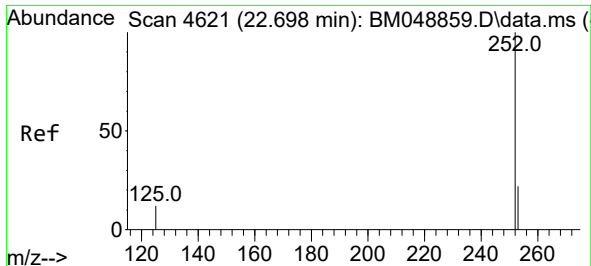
Tgt Ion:228 Resp: 13613
Ion Ratio Lower Upper
228 100
229 19.7 17.0 25.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.204 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

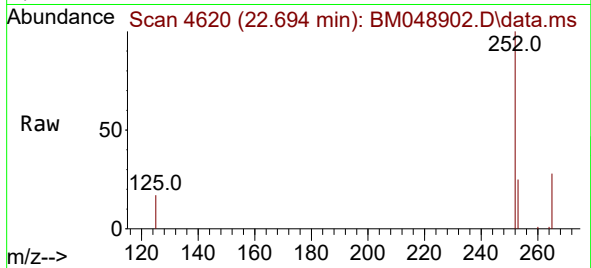
Tgt Ion:228 Resp: 17149
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 19.7 16.1 24.1



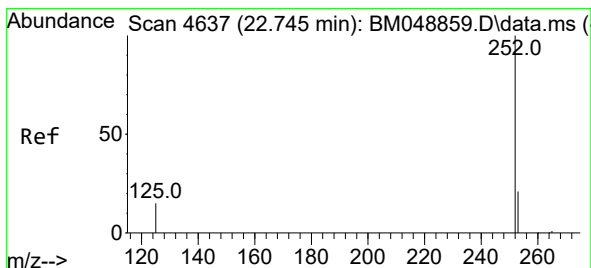
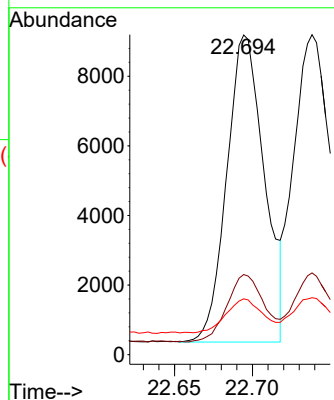


#24
Benzo(b)fluoranthene
Concen: 0.544 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Instrument :
BNA_M
ClientSampleId :
SLCS450

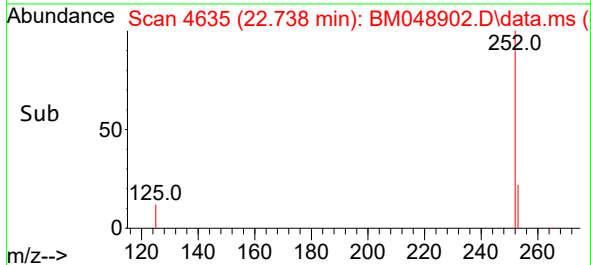
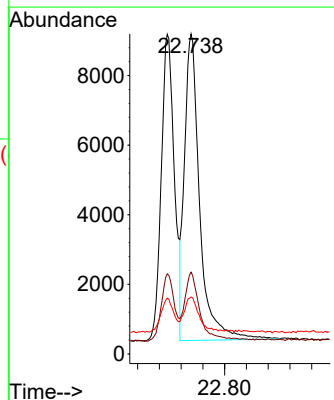
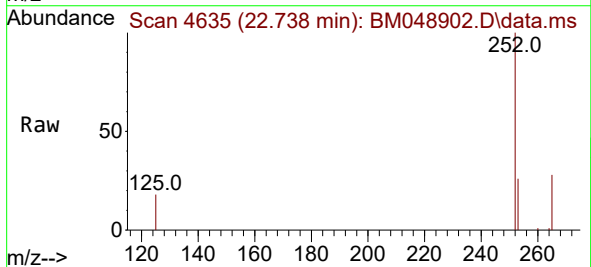


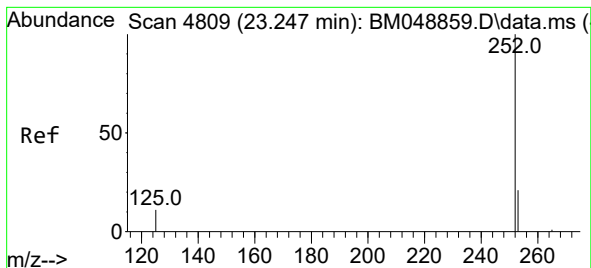
Tgt Ion:252 Resp: 14770
Ion Ratio Lower Upper
252 100
253 25.0 0.0 54.2
125 17.4 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.738 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:252 Resp: 17036
Ion Ratio Lower Upper
252 100
253 25.5 20.8 31.2
125 17.8 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.447 ng/ul

RT: 23.247 min Scan# 4809

Delta R.T. -0.006 min

Lab File: BM048902.D

Acq: 07 Dec 2024 18:10

Instrument :

BNA_M

ClientSampleId :

SLCS450

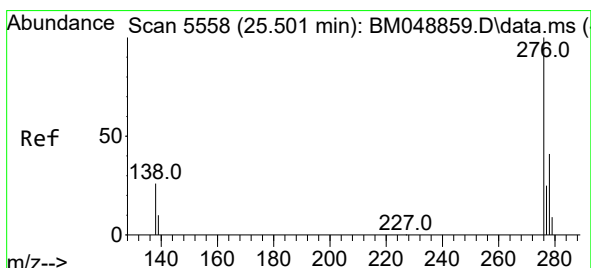
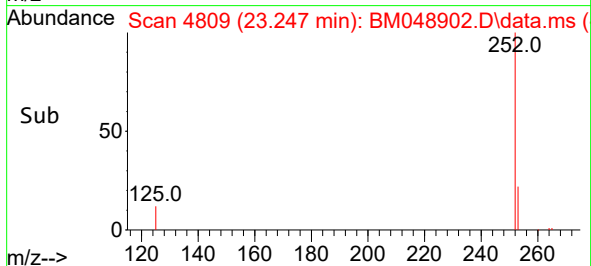
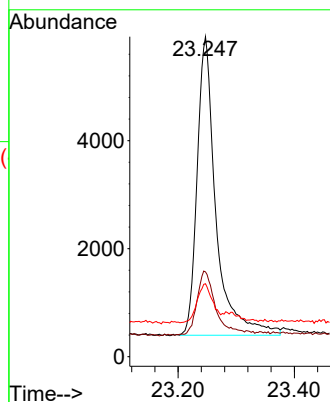
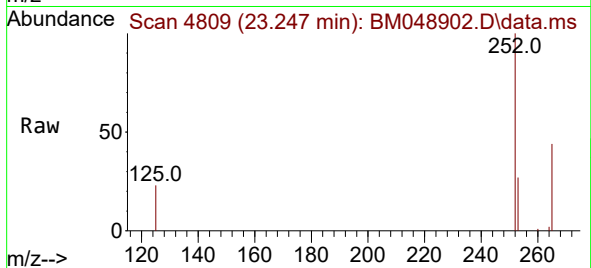
Tgt Ion:252 Resp: 12429

Ion Ratio Lower Upper

252 100

253 26.5 22.5 33.7

125 22.8 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul

RT: 25.500 min Scan# 5558

Delta R.T. -0.007 min

Lab File: BM048902.D

Acq: 07 Dec 2024 18:10

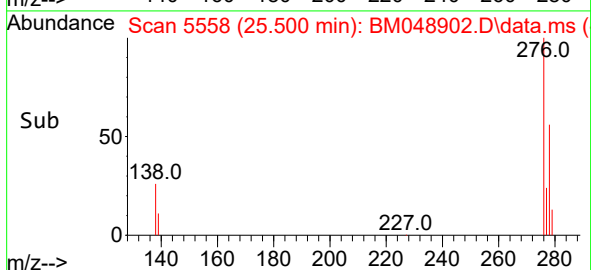
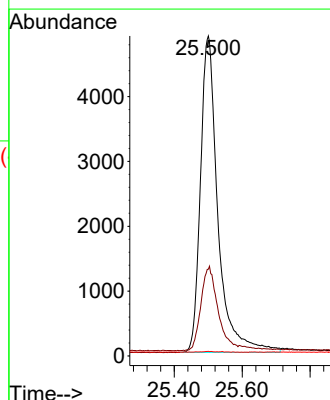
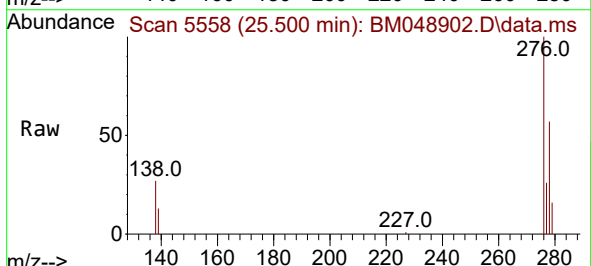
Tgt Ion:276 Resp: 17415

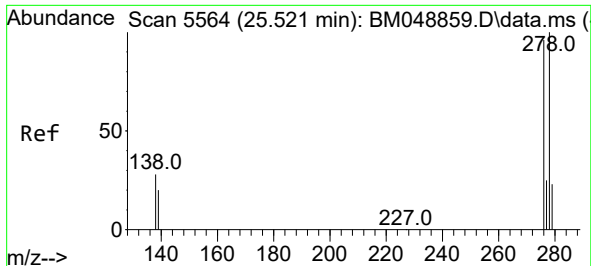
Ion Ratio Lower Upper

276 100

138 27.3 23.3 34.9

227 0.2 0.1 0.1#

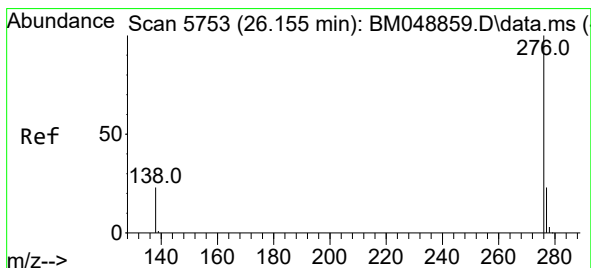
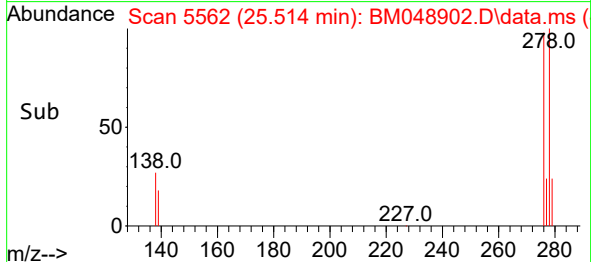
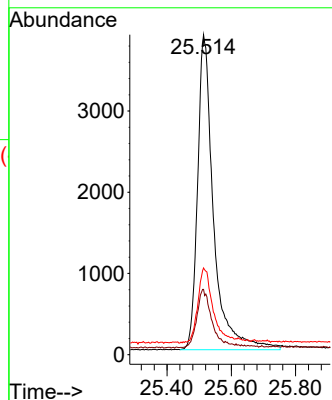
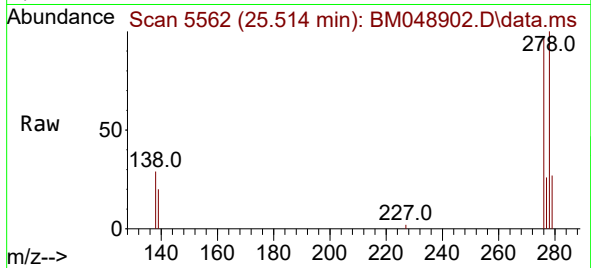




#28
Dibenzo(a,h)anthracene
Concen: 0.487 ng/ul
RT: 25.514 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Instrument :
BNA_M
ClientSampleId :
SLCS450

Tgt Ion:278 Resp: 13403
Ion Ratio Lower Upper
278 100
139 20.4 18.6 27.8
279 27.1 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 26.148 min Scan# 5751
Delta R.T. -0.014 min
Lab File: BM048902.D
Acq: 07 Dec 2024 18:10

Tgt Ion:276 Resp: 14228
Ion Ratio Lower Upper
276 100
138 25.6 22.2 33.2
277 24.3 21.8 32.6

