

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032224\
 Data File : BM044726.D
 Acq On : 22 Mar 2024 07:57
 Operator : MA/JU
 Sample : P1813-09MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0LX7MSD

Quant Time: Mar 22 08:42:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 10:51:03 2024
 Response via : Initial Calibration

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

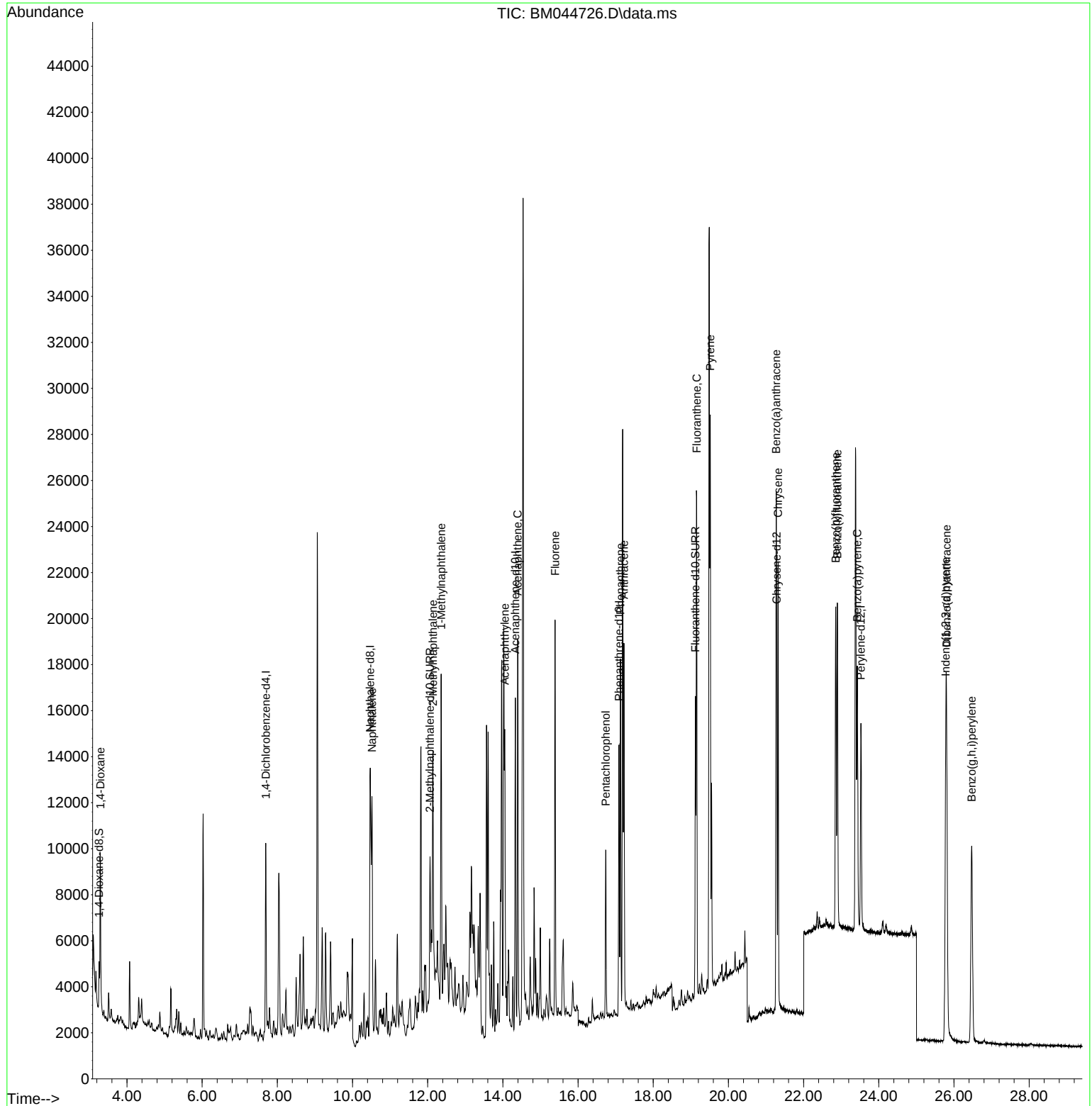
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.694	152	4367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.468	136	14285	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.331	164	8298	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.090	188	13903	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.286	240	10600	0.400	ng/ul	#-0.02
23) Perylene-d12	23.524	264	12255	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1358	0.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	7570	0.369	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	13877	0.373	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	4442	0.759	ng/ul#	54
5) Naphthalene	10.517	128	13784	0.343	ng/ul	97
7) 2-Methylnaphthalene	12.140	142	8619	0.339	ng/ul	89
8) 1-Methylnaphthalene	12.360	142	8811	0.343	ng/ul	95
10) Acenaphthylene	14.053	152	14249	0.338	ng/ul	96
11) Acenaphthene	14.395	153	9851	0.324	ng/ul	98
12) Fluorene	15.390	166	10846	0.312	ng/ul	99
14) Pentachlorophenol	16.740	266	4952	1.477	ng/ul	98
15) Phenanthrene	17.128	178	16684	0.400	ng/ul	94
16) Anthracene	17.221	178	17708	0.452	ng/ul	95
19) Fluoranthene	19.155	202	18646	0.359	ng/ul#	94
20) Pyrene	19.518	202	19529	0.367	ng/ul#	94
21) Benzo(a)anthracene	21.271	228	17613	0.436	ng/ul	96
22) Chrysene	21.324	228	17345	0.383	ng/ul	95
24) Benzo(b)fluoranthene	22.855	252	17686	0.378	ng/ul	87
25) Benzo(k)fluoranthene	22.899	252	18707	0.369	ng/ul#	89
26) Benzo(a)pyrene	23.428	252	15853	0.373	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.782	276	21625	0.443	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.802	278	17360	0.461	ng/ul#	96
29) Benzo(g,h,i)perylene	26.469	276	17940	0.418	ng/ul	95

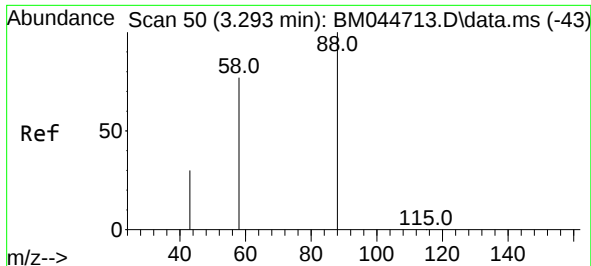
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 20 10:51:03 2024
Response via : Initial Calibration

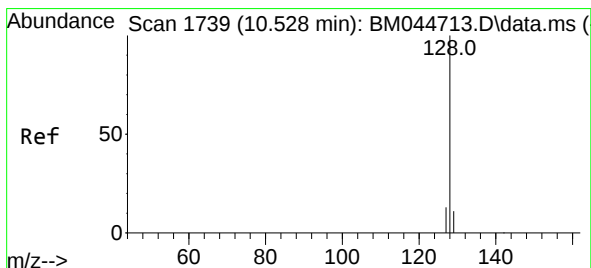
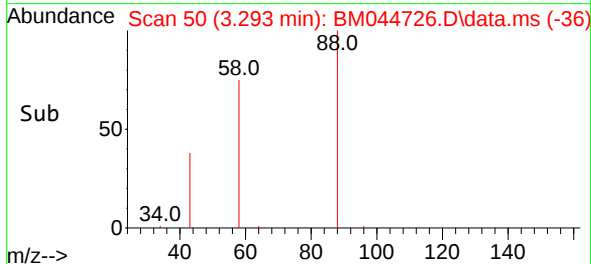
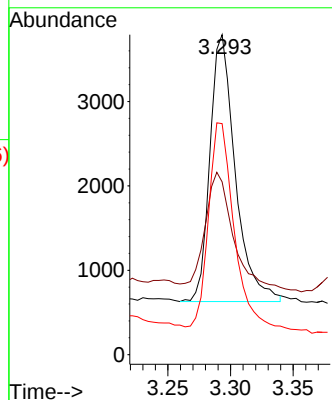
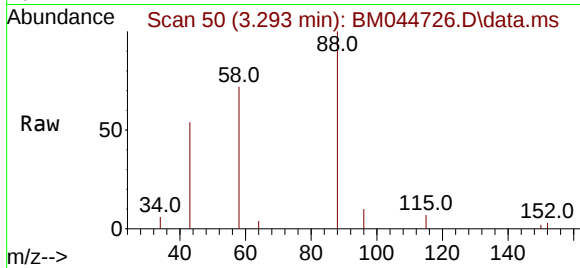




#2
1,4-Dioxane
Concen: 0.759 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

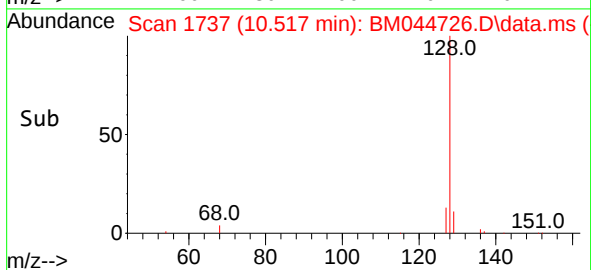
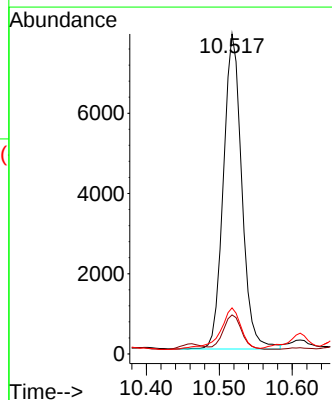
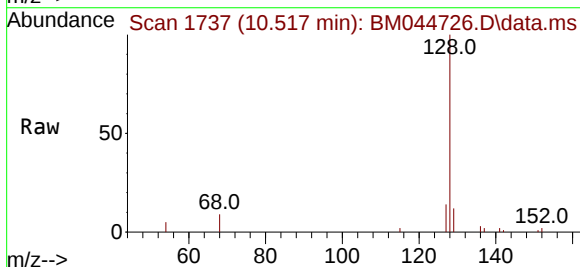
Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

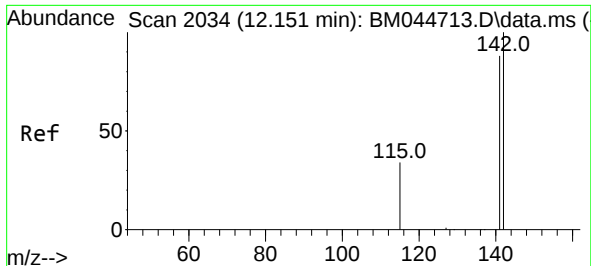
Tgt Ion: 88 Resp: 4442
Ion Ratio Lower Upper
88 100
43 54.0 21.4 32.0#
58 72.2 35.6 53.4#



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.517 min Scan# 1737
Delta R.T. -0.011 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion: 128 Resp: 13784
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 14.4 10.3 15.5

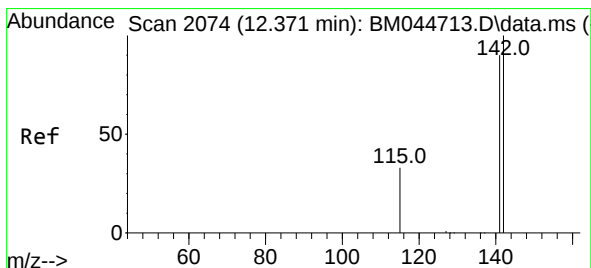
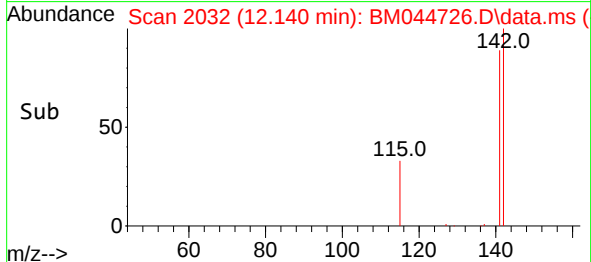
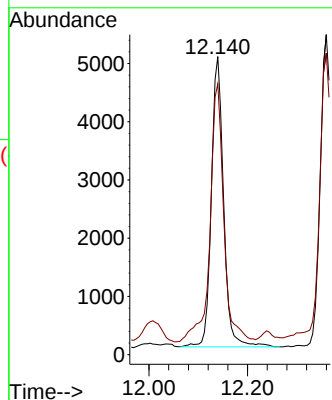
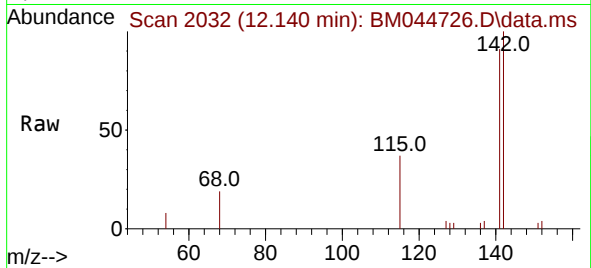




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.140 min Scan# 2032
Delta R.T. -0.016 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

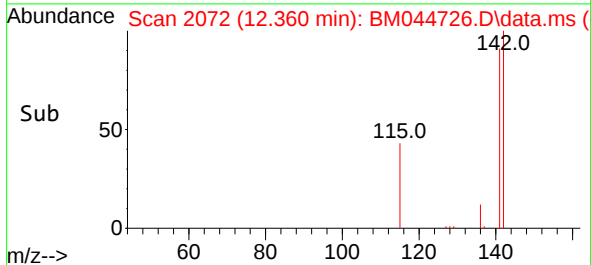
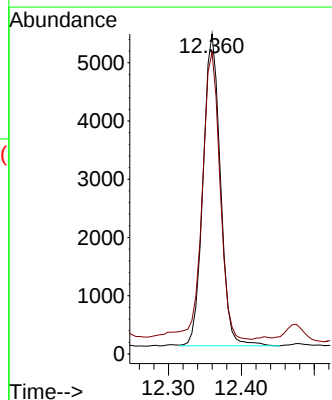
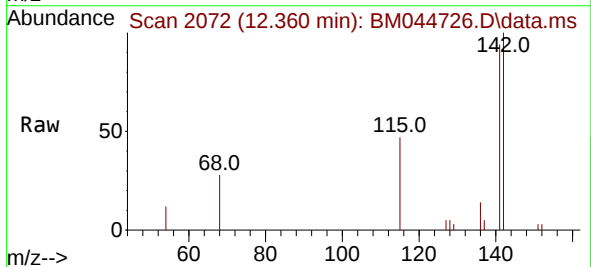
Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

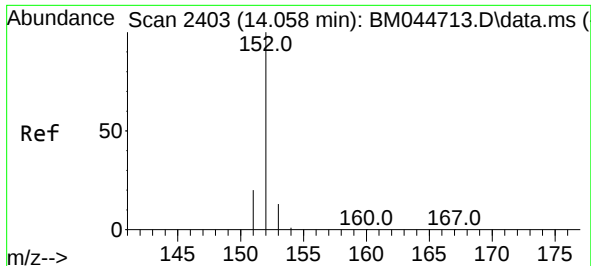
Tgt Ion:142 Resp: 8619
Ion Ratio Lower Upper
142 100
141 99.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion:142 Resp: 8811
Ion Ratio Lower Upper
142 100
141 96.0 73.1 109.7

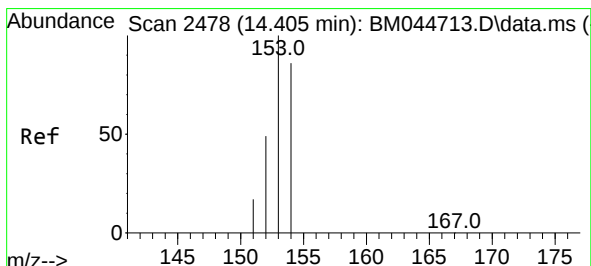
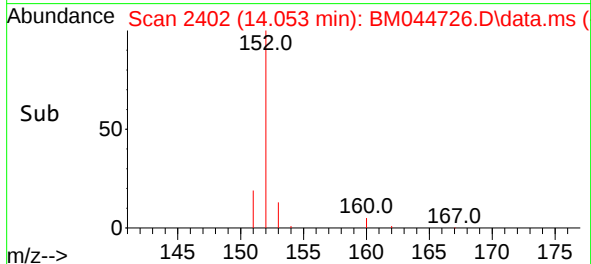
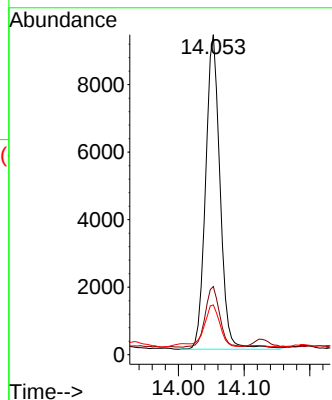
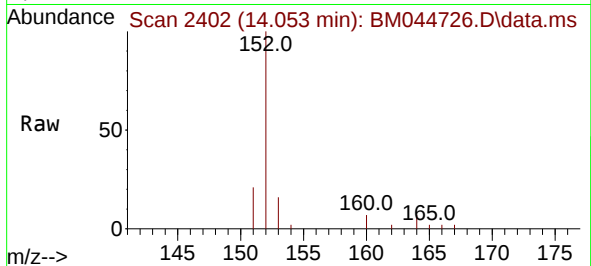




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.013 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

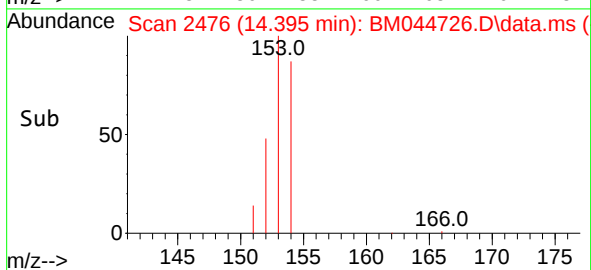
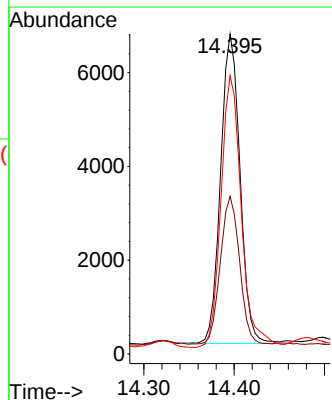
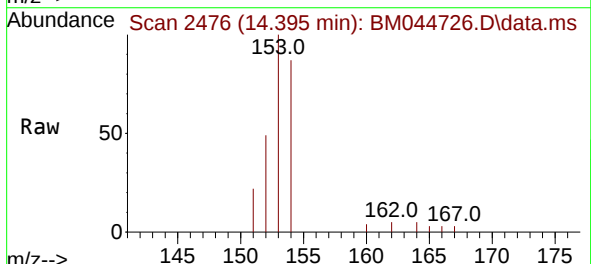
Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

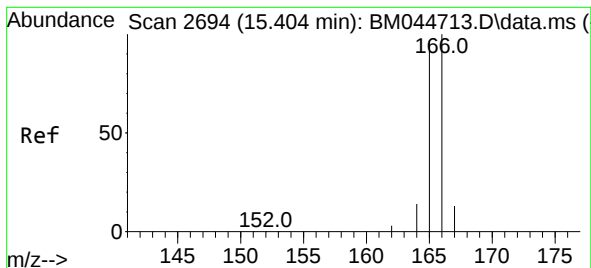
Tgt Ion:	152	Resp:	14249
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.8	23.8
153	15.5	10.8	16.2



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.395 min Scan# 2476
Delta R.T. -0.013 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion:	153	Resp:	9851
Ion Ratio	Lower	Upper	
153	100		
152	49.3	40.7	61.1
154	86.9	70.6	106.0





#12

Fluorene

Concen: 0.312 ng/ul

RT: 15.390 min Scan# 2

Delta R.T. -0.018 min

Lab File: BM044726.D

Acq: 22 Mar 2024 07:57

Instrument :

BNA_M

ClientSampleId :

E0LX7MSD

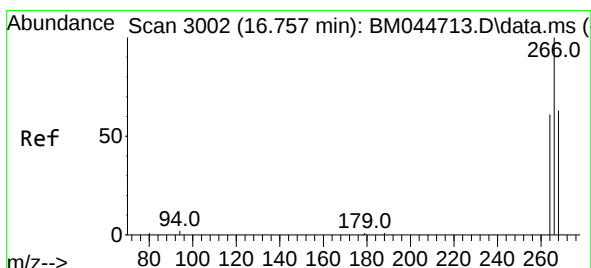
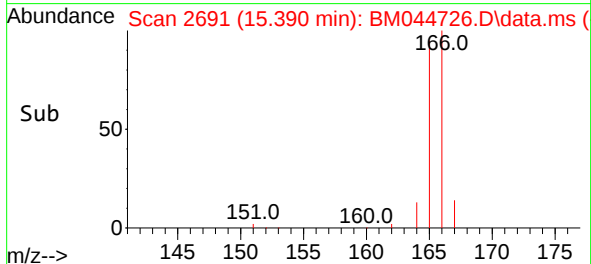
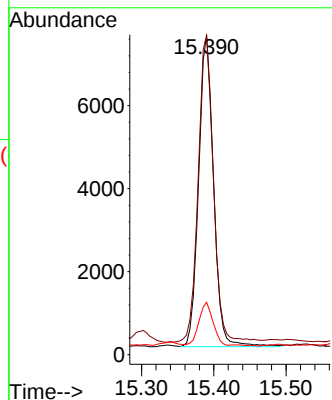
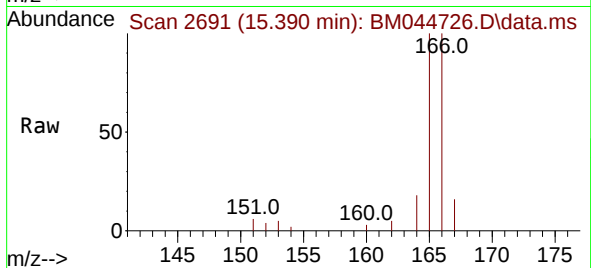
Tgt Ion:166 Resp: 10846

Ion Ratio Lower Upper

166 100

165 99.6 79.4 119.0

167 16.4 11.0 16.6



#14

Pentachlorophenol

Concen: 1.477 ng/ul

RT: 16.740 min Scan# 2998

Delta R.T. -0.024 min

Lab File: BM044726.D

Acq: 22 Mar 2024 07:57

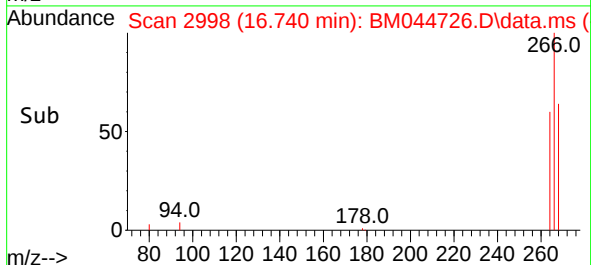
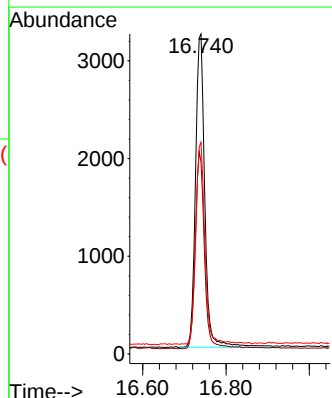
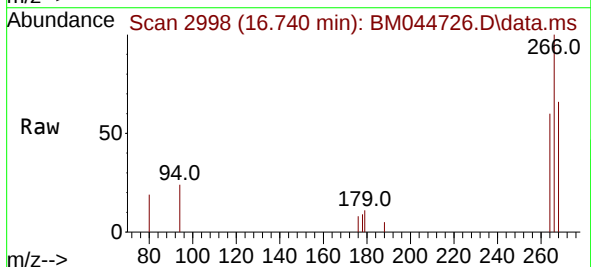
Tgt Ion:266 Resp: 4952

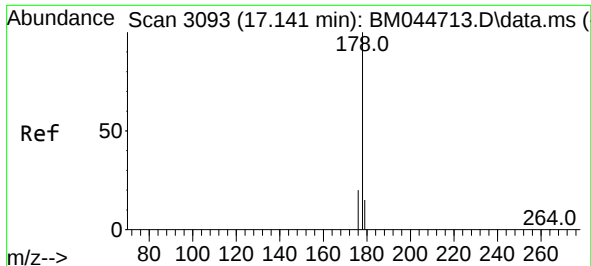
Ion Ratio Lower Upper

266 100

264 61.8 49.5 74.3

268 63.9 48.1 72.1

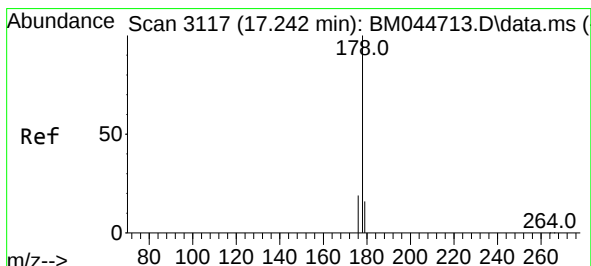
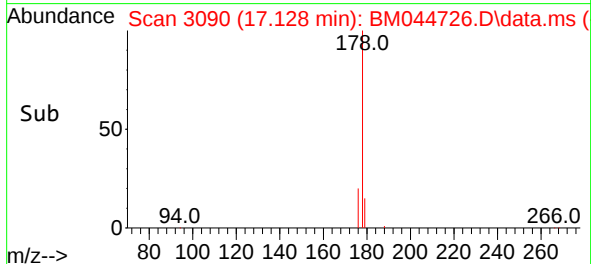
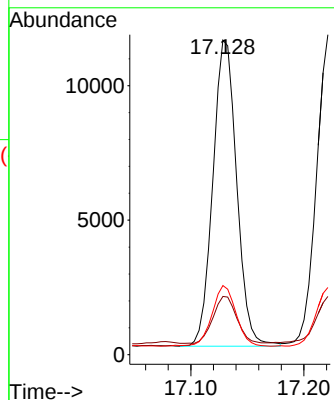
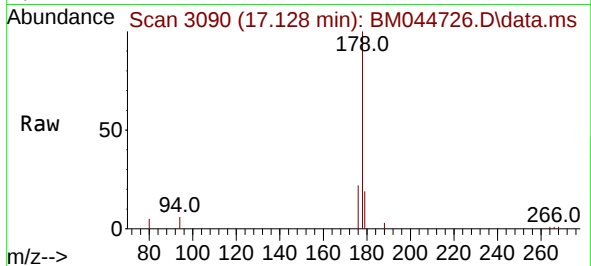




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. -0.016 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

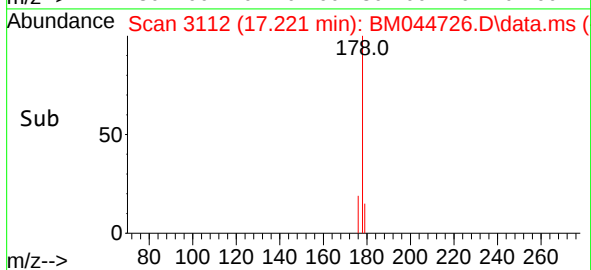
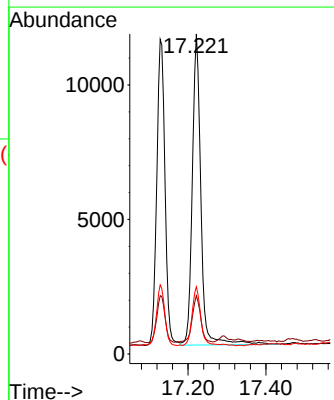
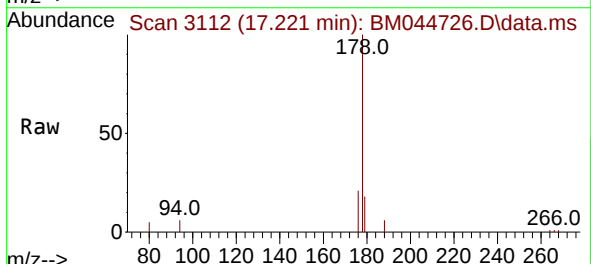
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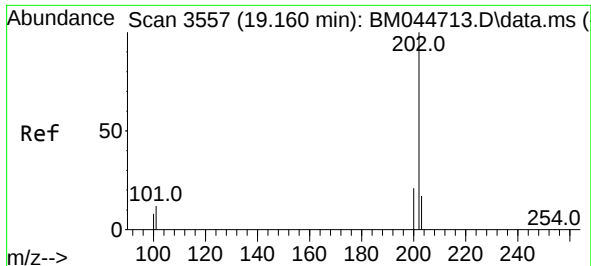
Tgt Ion:178 Resp: 16684
Ion Ratio Lower Upper
178 100
179 18.5 12.5 18.7
176 22.0 15.8 23.8



#16
Anthracene
Concen: 0.452 ng/ul
RT: 17.221 min Scan# 3112
Delta R.T. -0.020 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion:178 Resp: 17708
Ion Ratio Lower Upper
178 100
179 18.2 12.8 19.2
176 21.0 15.2 22.8

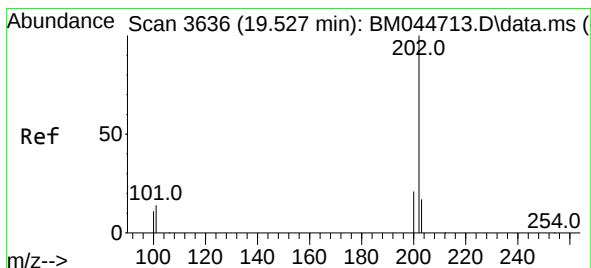
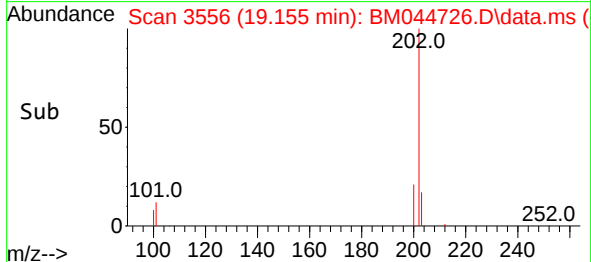
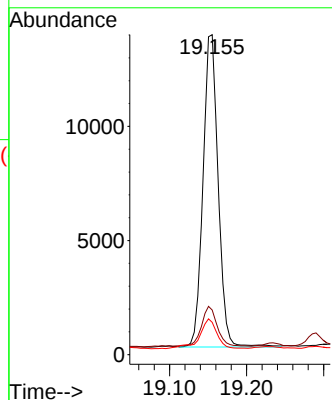
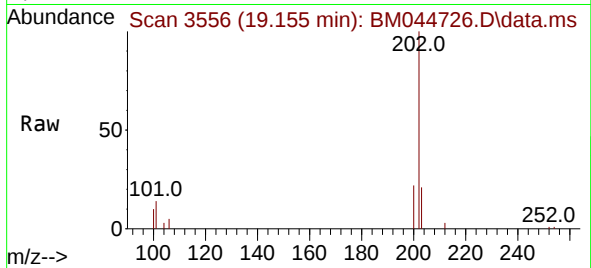




#19
Fluoranthene
Concen: 0.359 ng/u1
RT: 19.155 min Scan# 31
Delta R.T. -0.013 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

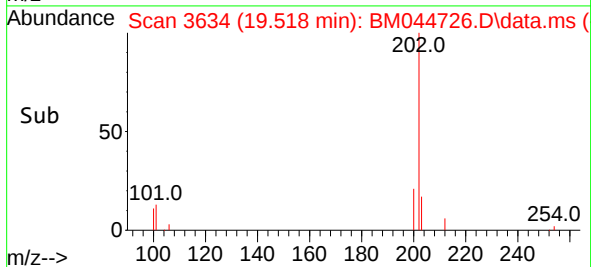
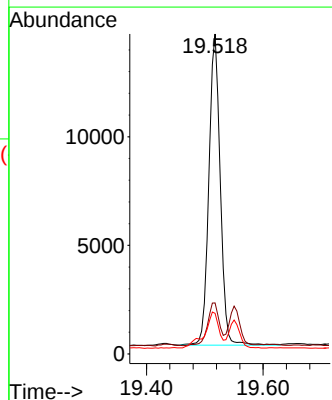
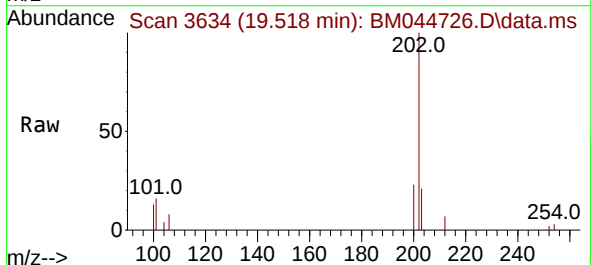
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E0LX7MSD

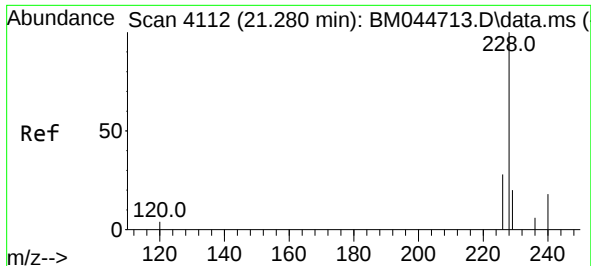
Tgt Ion:202 Resp: 18646
Ion Ratio Lower Upper
202 100
101 14.0 9.0 13.4#
100 10.1 6.8 10.2



#20
Pyrene
Concen: 0.367 ng/u1
RT: 19.518 min Scan# 3634
Delta R.T. -0.013 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion:202 Resp: 19529
Ion Ratio Lower Upper
202 100
101 16.0 10.8 16.2
100 12.7 8.4 12.6#

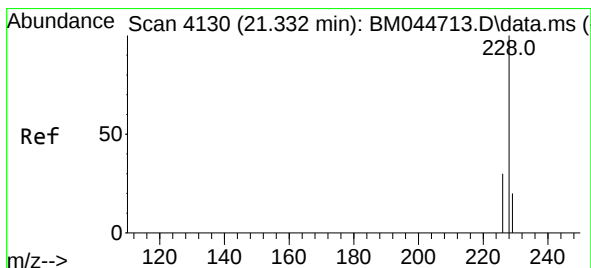
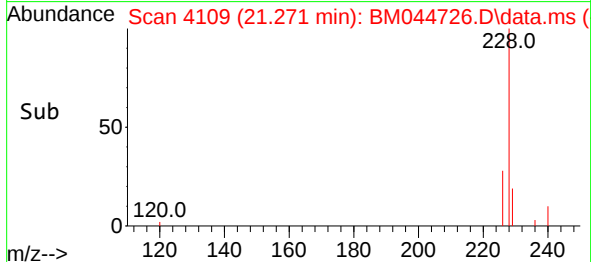
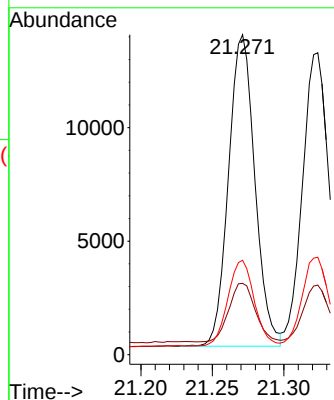
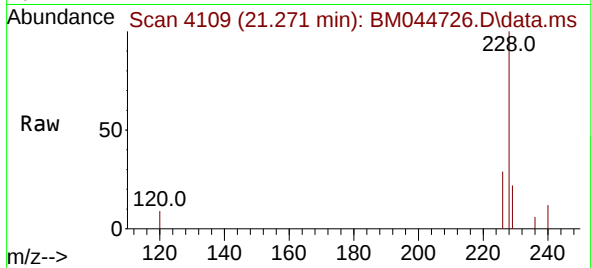




#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.271 min Scan# 4112
Delta R.T. -0.015 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

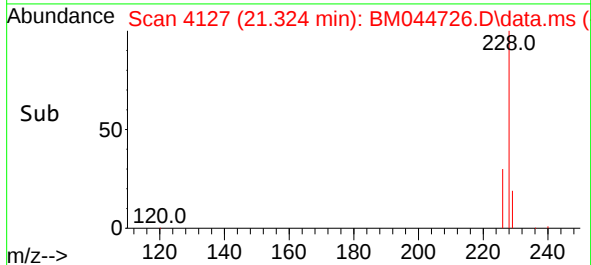
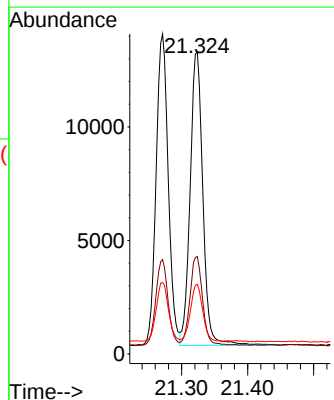
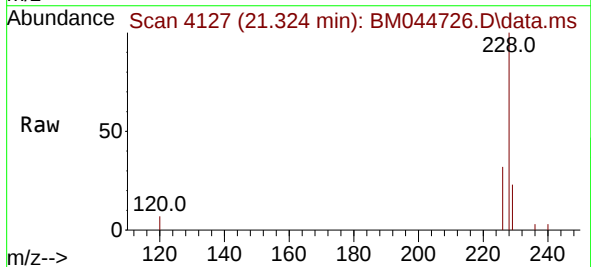
Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

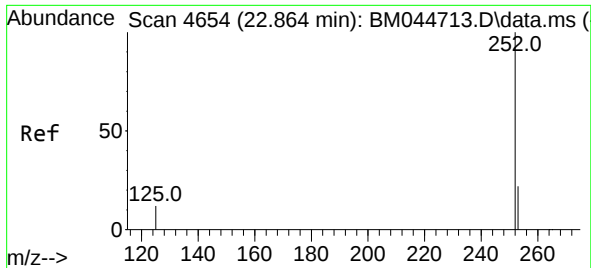
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Ion Ratio Lower Upper
228 100
229 22.3 15.9 23.9
226 29.5 22.2 33.2



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.324 min Scan# 4127
Delta R.T. -0.013 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

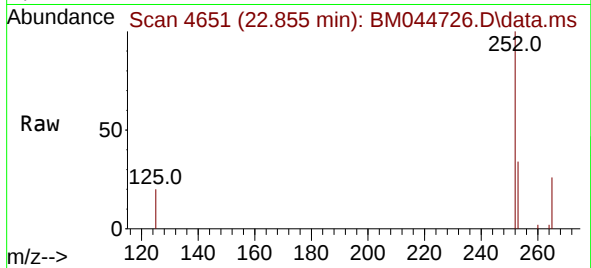
Tgt Ion:228 Resp: 17345
Ion Ratio Lower Upper
228 100
226 32.3 24.6 37.0
229 23.0 15.7 23.5



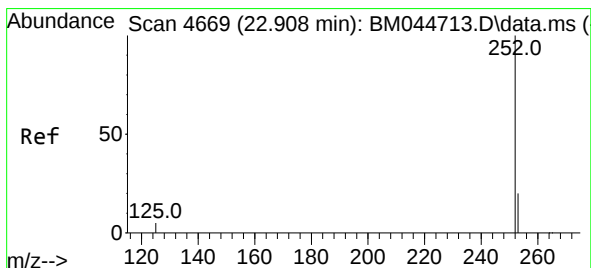
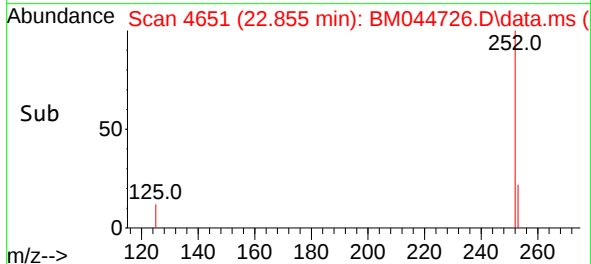
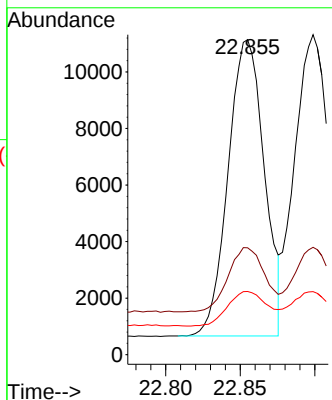


#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 22.855 min Scan# 4651
Delta R.T. -0.018 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

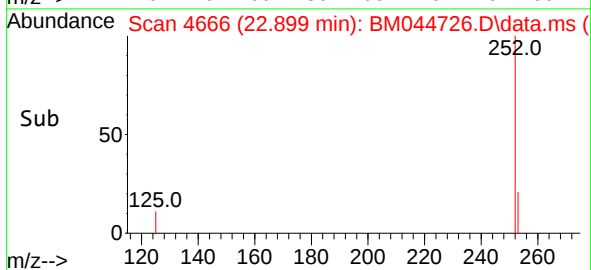
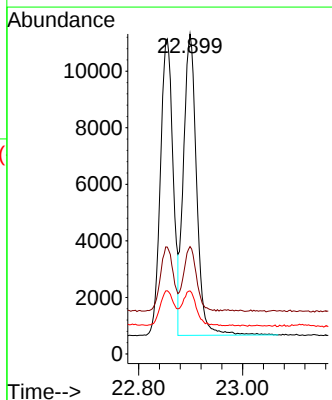
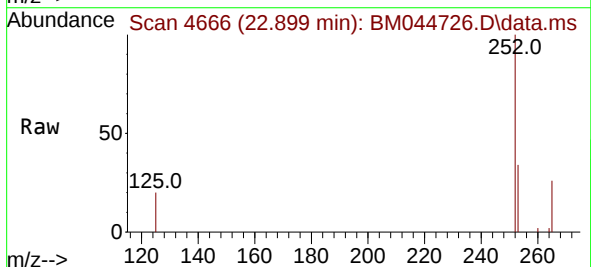


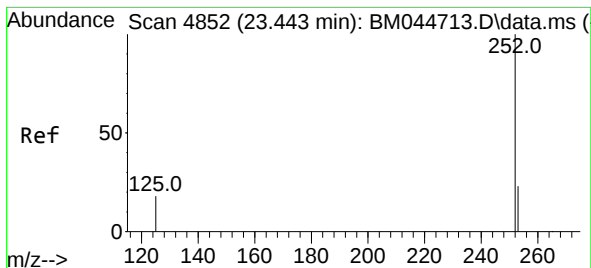
Tgt Ion:252 Resp: 17686
Ion Ratio Lower Upper
252 100
253 33.9 0.0 54.6
125 20.1 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 22.899 min Scan# 4666
Delta R.T. -0.018 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion:252 Resp: 18707
Ion Ratio Lower Upper
252 100
253 33.5 22.6 33.8
125 19.7 11.4 17.2#





#26

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 23.428 min Scan# 4847

Delta R.T. -0.024 min

Lab File: BM044726.D

Acq: 22 Mar 2024 07:57

Instrument :

BNA_M

ClientSampleId :

E0LX7MSD

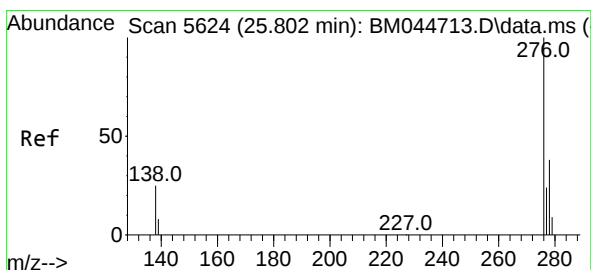
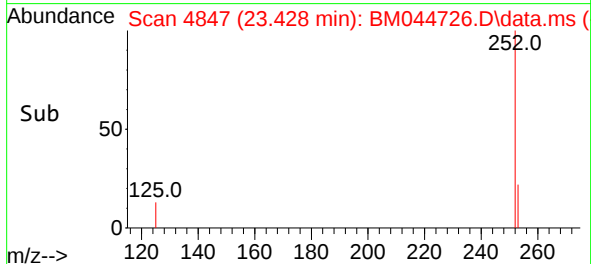
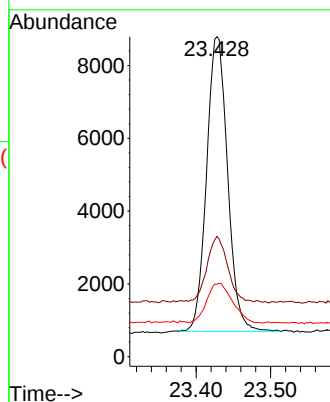
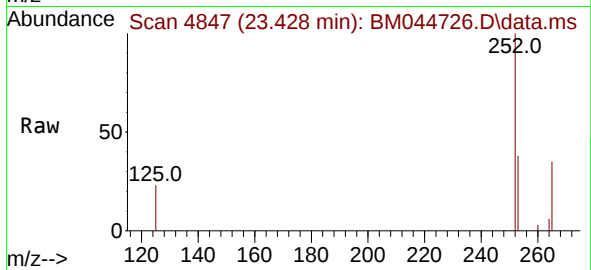
Tgt Ion:252 Resp: 15853

Ion Ratio Lower Upper

252 100

253 37.6 25.2 37.8

125 22.6 14.2 21.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/ul

RT: 25.782 min Scan# 5618

Delta R.T. -0.038 min

Lab File: BM044726.D

Acq: 22 Mar 2024 07:57

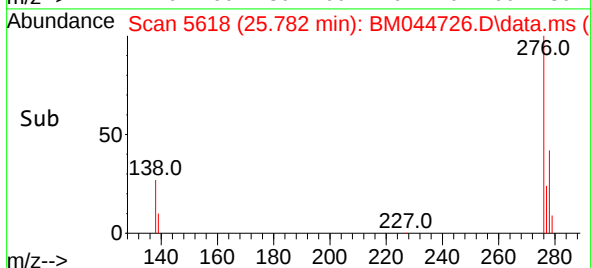
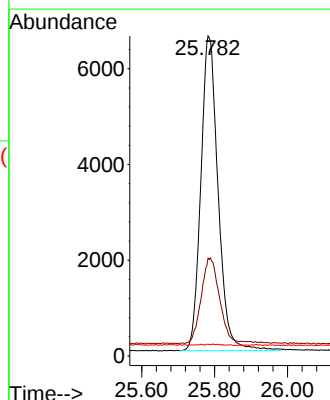
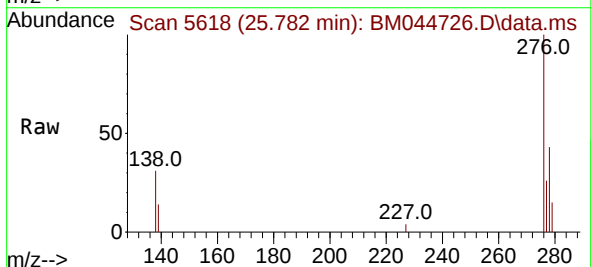
Tgt Ion:276 Resp: 21625

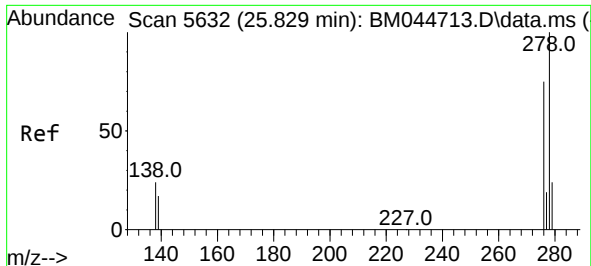
Ion Ratio Lower Upper

276 100

138 28.8 21.9 32.9

227 0.1 0.0 0.0#

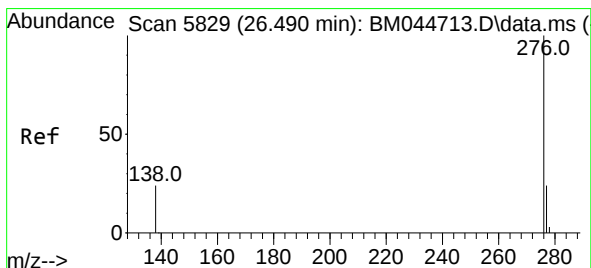
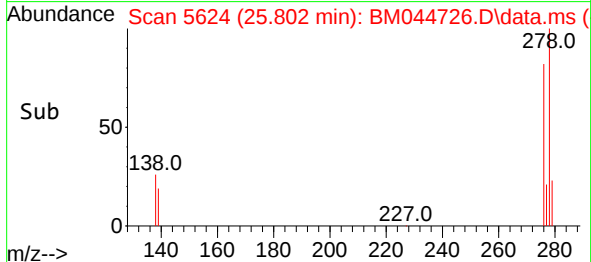
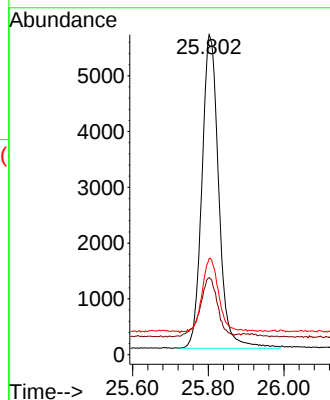
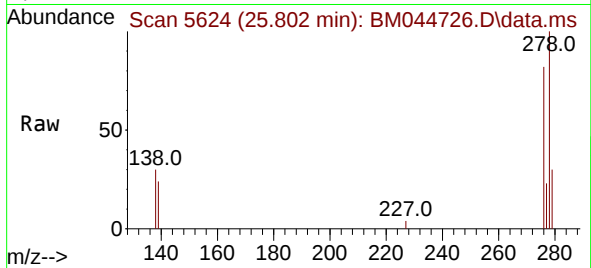




#28
Dibenzo(a,h)anthracene
Concen: 0.461 ng/ul
RT: 25.802 min Scan# 5624
Delta R.T. -0.041 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Instrument :
BNA_M
ClientSampleId :
E0LX7MSD

Tgt Ion:278 Resp: 17360
Ion Ratio Lower Upper
278 100
139 24.1 15.9 23.9#
279 30.1 24.1 36.1



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.469 min Scan# 5823
Delta R.T. -0.038 min
Lab File: BM044726.D
Acq: 22 Mar 2024 07:57

Tgt Ion:276 Resp: 17940
Ion Ratio Lower Upper
276 100
138 28.5 20.1 30.1
277 26.0 19.6 29.4

