

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044171.D
 Acq On : 17 Feb 2024 11:43
 Operator : MA/JU
 Sample : PB159014BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS014

Quant Time: Feb 18 23:56:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

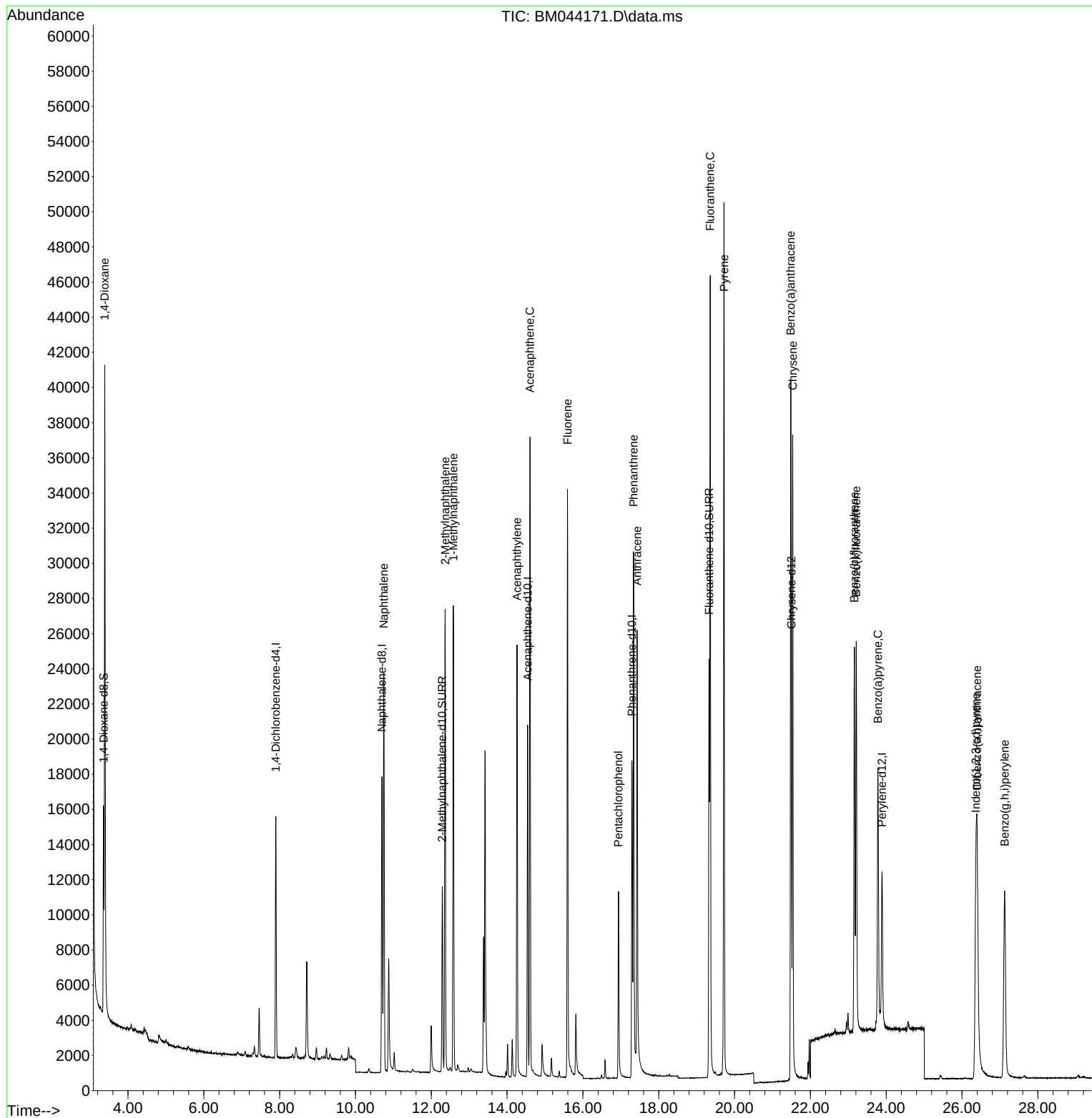
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	7010	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	22500	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	11369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	23120	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	14725	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	13373	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	7973	0.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	14364	0.456	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	25931	0.590	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	24329	2.452	ng/ul#	76
5) Naphthalene	10.749	128	31052	0.464	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	19360	0.469	ng/ul	100
8) 1-Methylnaphthalene	12.580	142	18880	0.452	ng/ul	99
10) Acenaphthylene	14.261	152	29796	0.477	ng/ul	99
11) Acenaphthene	14.603	153	21108	0.466	ng/ul	100
12) Fluorene	15.593	166	22821	0.447	ng/ul	99
14) Pentachlorophenol	16.938	266	7887	0.953	ng/ul	99
15) Phenanthrene	17.334	178	35198	0.480	ng/ul	100
16) Anthracene	17.427	178	34616	0.477	ng/ul	99
19) Fluoranthene	19.359	202	40662	0.606	ng/ul	99
20) Pyrene	19.721	202	41814	0.592	ng/ul	99
21) Benzo(a)anthracene	21.482	228	32887	0.488	ng/ul	99
22) Chrysene	21.532	228	34771	0.478	ng/ul	99
24) Benzo(b)fluoranthene	23.160	252	29734	0.539	ng/ul	99
25) Benzo(k)fluoranthene	23.210	252	30991	0.517	ng/ul	99
26) Benzo(a)pyrene	23.780	252	25233	0.492	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.363	276	28694	0.439	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.400	278	22763	0.443	ng/ul	98
29) Benzo(g,h,i)perylene	27.124	276	24756	0.429	ng/ul	100

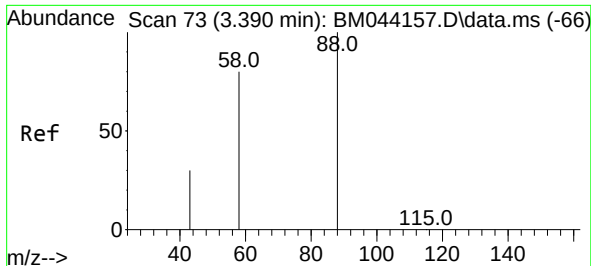
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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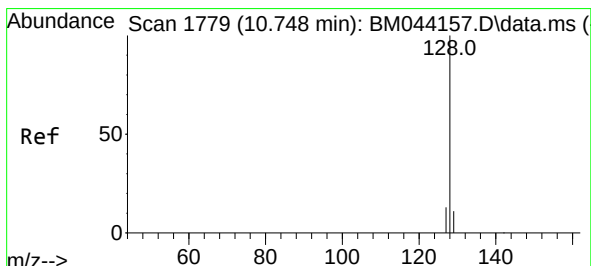
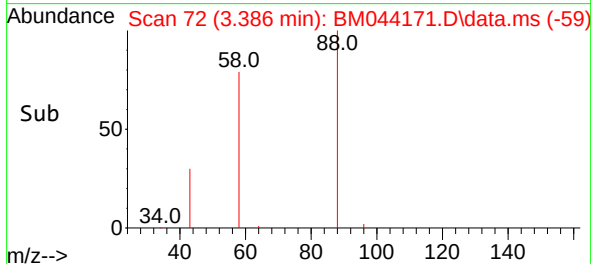
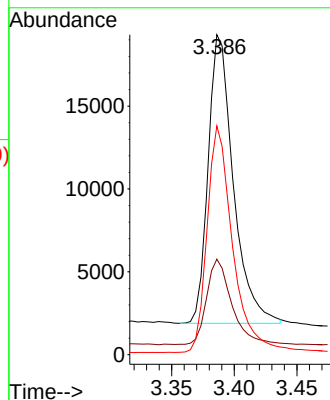
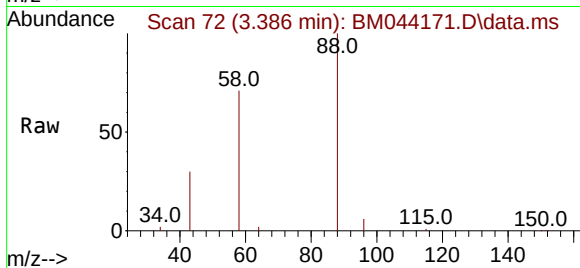




#2
1,4-Dioxane
Concen: 2.452 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

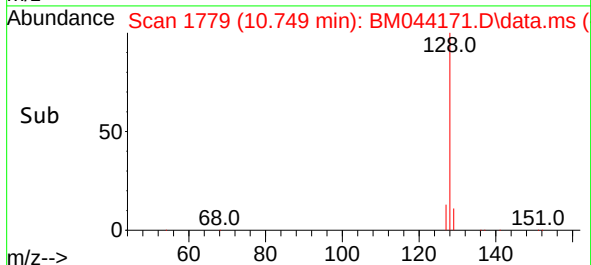
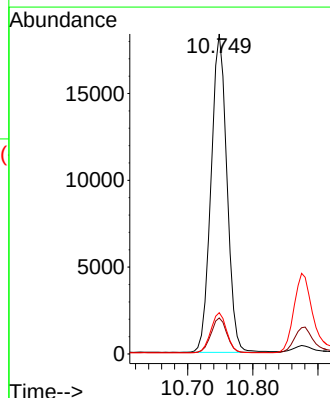
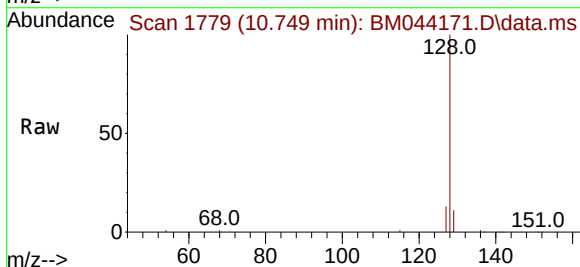
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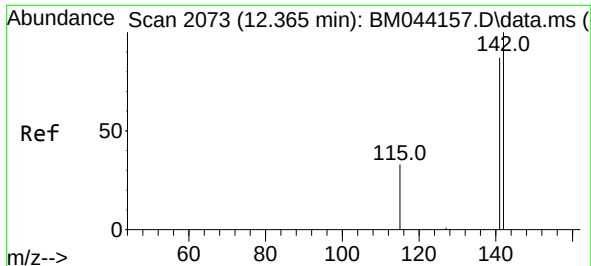
Tgt Ion: 88 Resp: 24329
Ion Ratio Lower Upper
88 100
43 29.9 32.2 48.2#
58 71.5 40.6 60.8#



#5
Naphthalene
Concen: 0.464 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion: 128 Resp: 31052
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 12.9 10.7 16.1

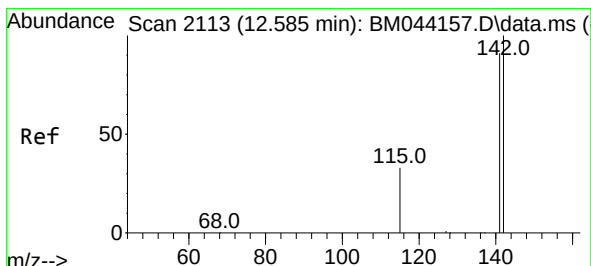
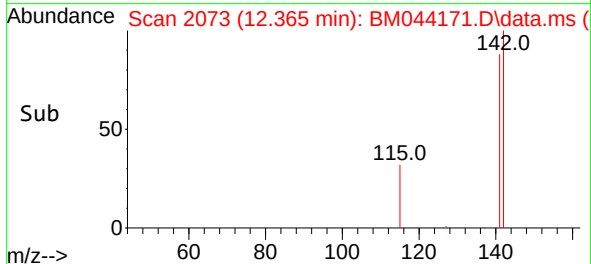
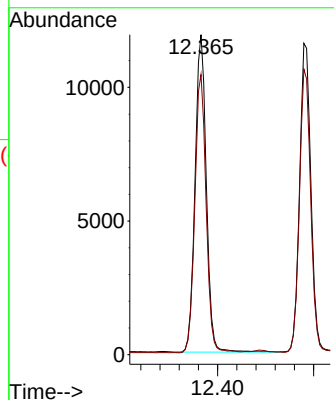
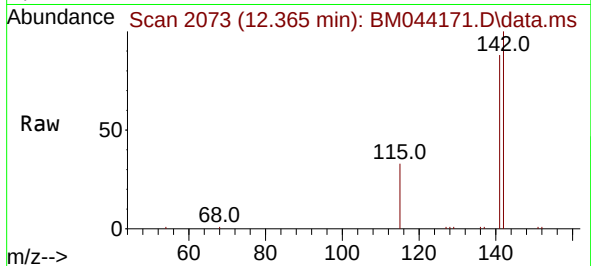




#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

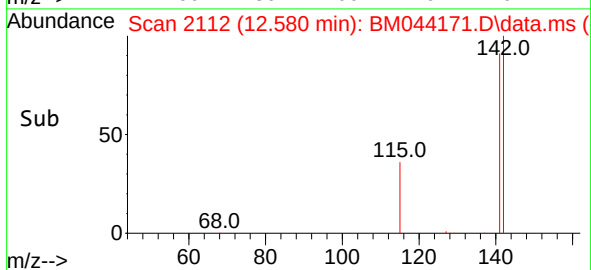
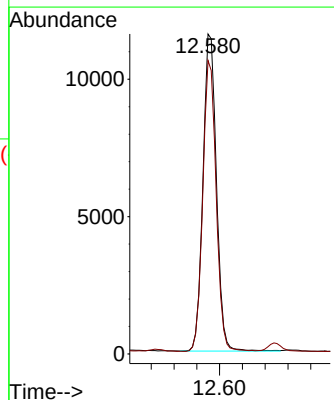
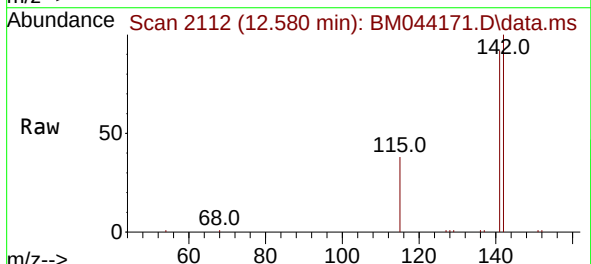
Instrument :
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ClientSampleId :
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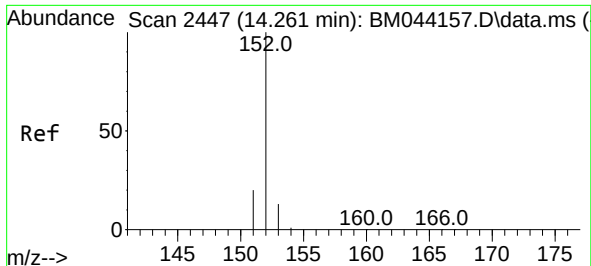
Tgt Ion:142 Resp: 19360
Ion Ratio Lower Upper
142 100
141 87.6 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.452 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion:142 Resp: 18880
Ion Ratio Lower Upper
142 100
141 91.3 72.5 108.7

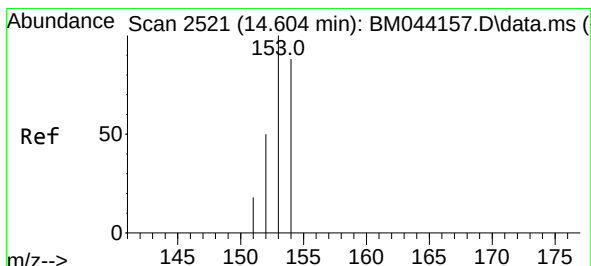
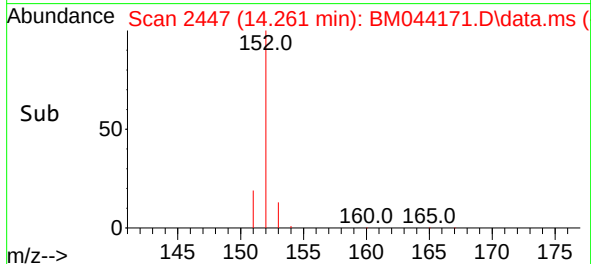
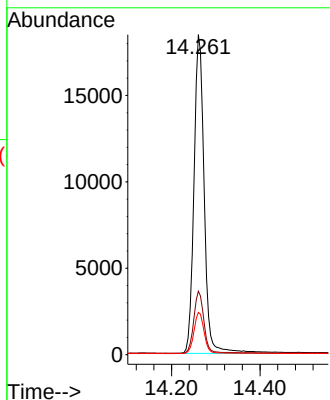
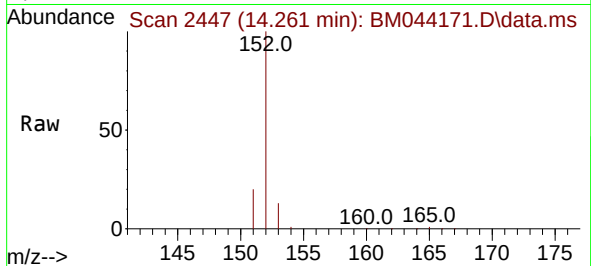




#10
Acenaphthylene
Concen: 0.477 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

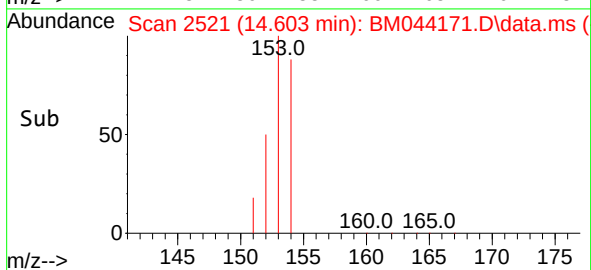
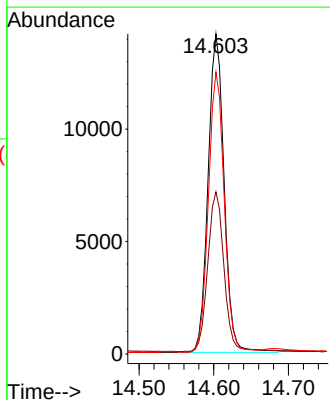
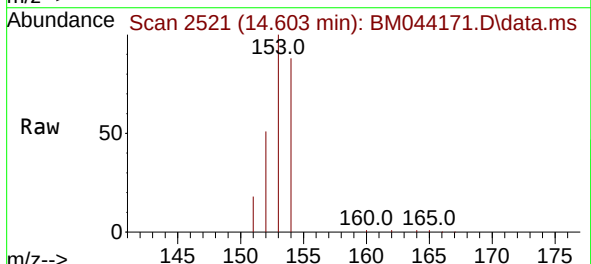
Instrument :
BNA_M
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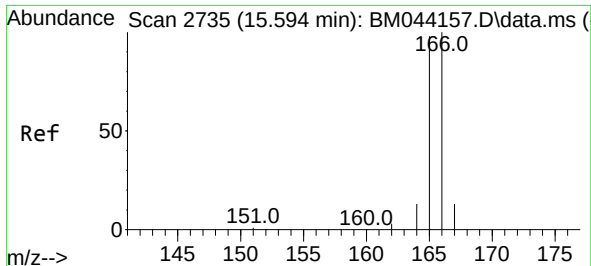
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.8	16.2



#11
Acenaphthene
Concen: 0.466 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.6	61.0
154	88.0	70.1	105.1

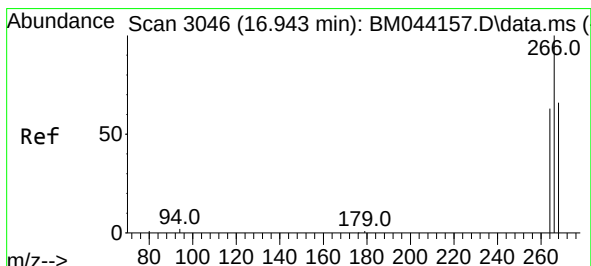
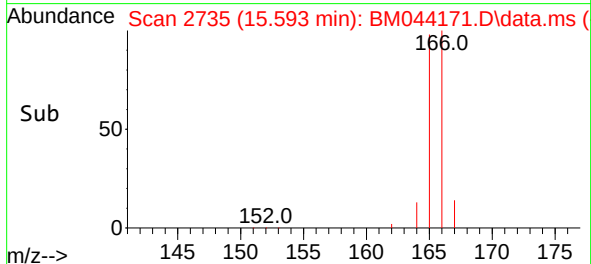
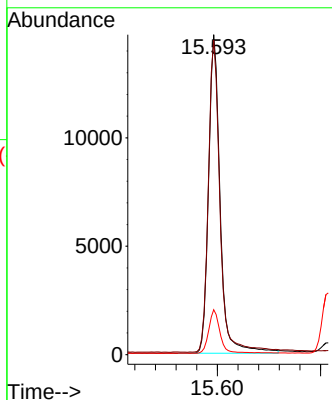
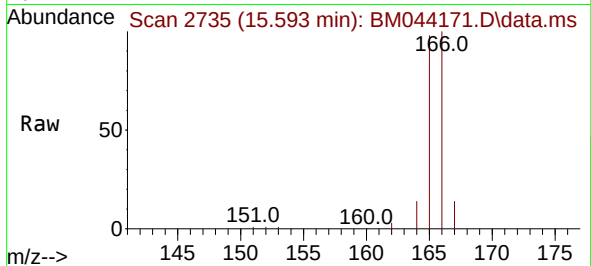




#12
 Fluorene
 Concen: 0.447 ng/ul
 RT: 15.593 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM044171.D
 Acq: 17 Feb 2024 11:43

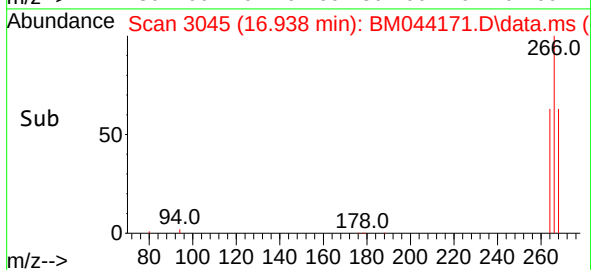
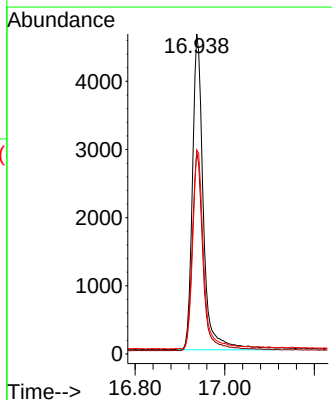
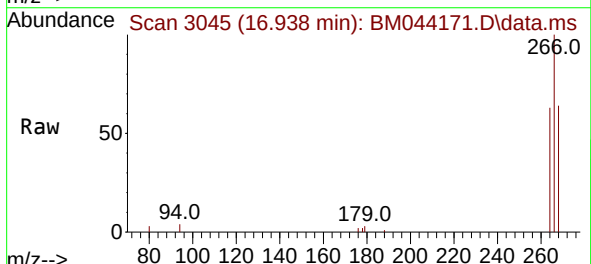
Instrument :
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 ClientSampleId :
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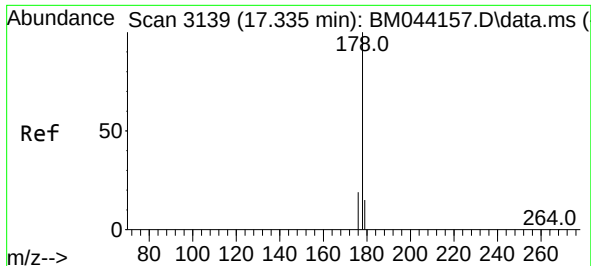
Tgt Ion:166 Resp: 22821
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.8 119.6
 167 14.0 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.953 ng/ul
 RT: 16.938 min Scan# 3045
 Delta R.T. -0.008 min
 Lab File: BM044171.D
 Acq: 17 Feb 2024 11:43

Tgt Ion:266 Resp: 7887
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.4 74.0
 268 63.7 52.1 78.1

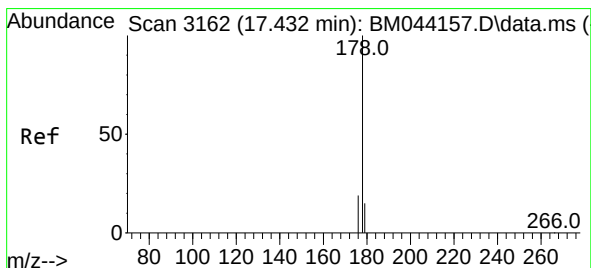
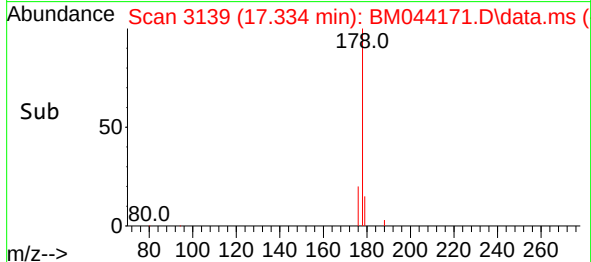
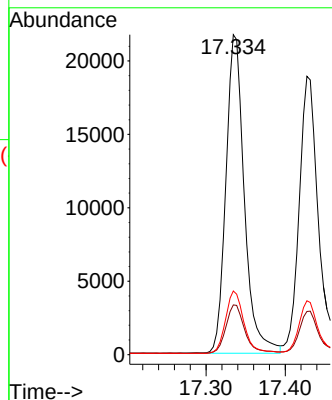
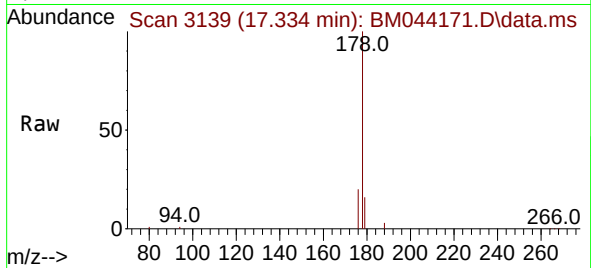




#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

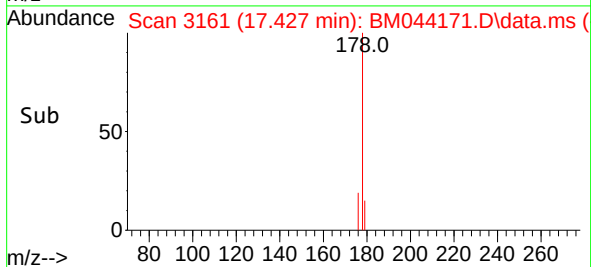
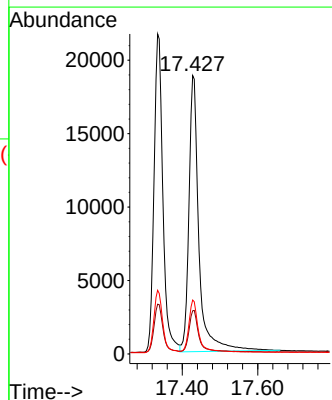
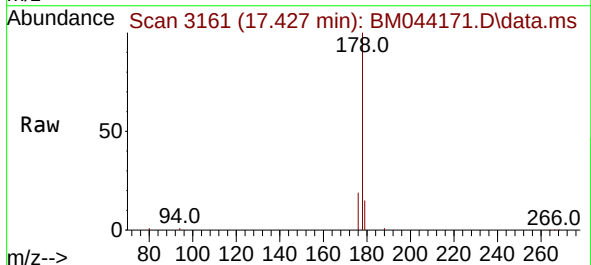
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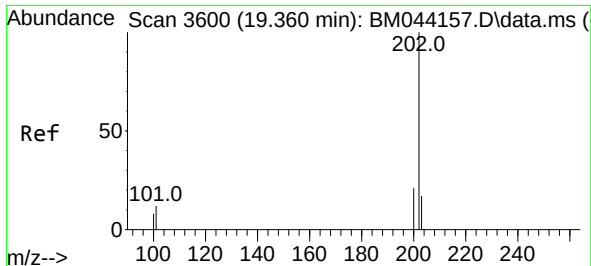
Tgt Ion:178 Resp: 35198
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.477 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion:178 Resp: 34616
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.4 15.3 22.9

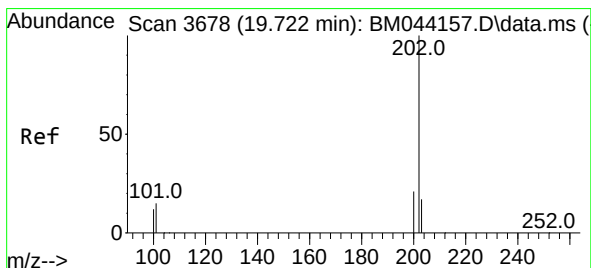
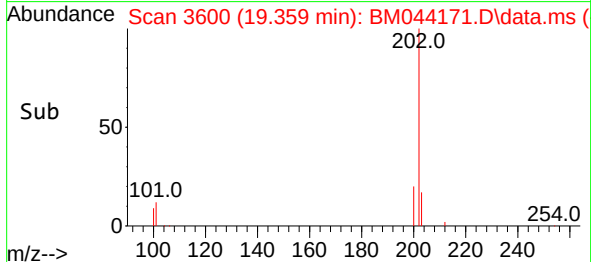
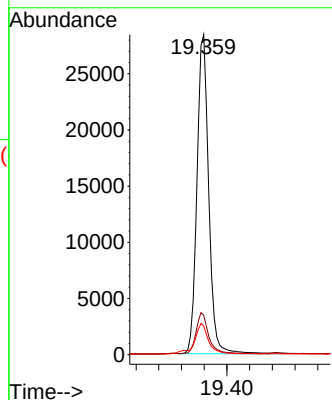
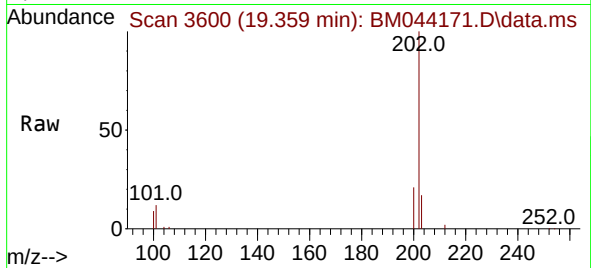




#19
Fluoranthene
Concen: 0.606 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

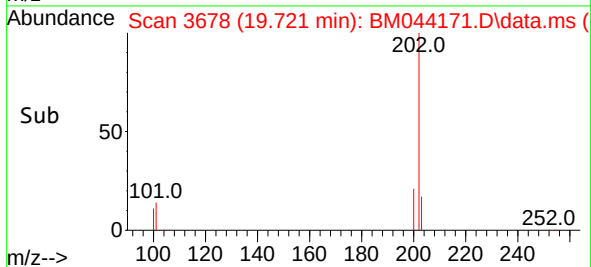
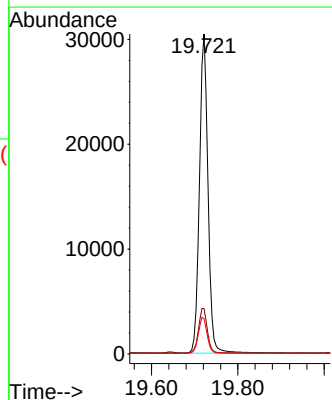
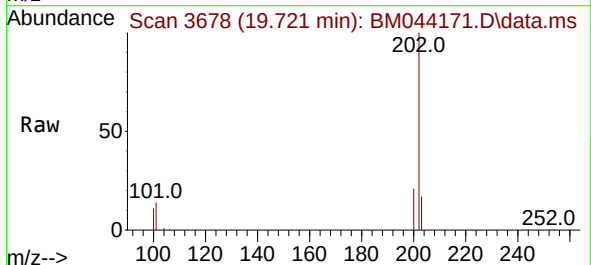
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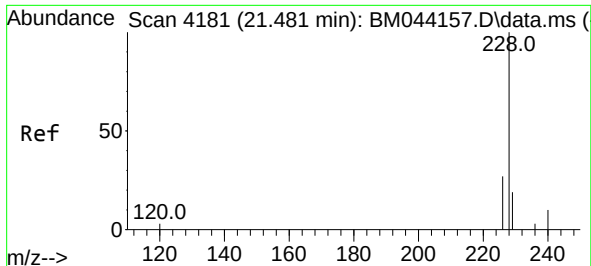
Tgt Ion:202 Resp: 40662
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 9.0 7.0 10.4



#20
Pyrene
Concen: 0.592 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion:202 Resp: 41814
Ion Ratio Lower Upper
202 100
101 14.1 11.2 16.8
100 11.1 8.6 13.0

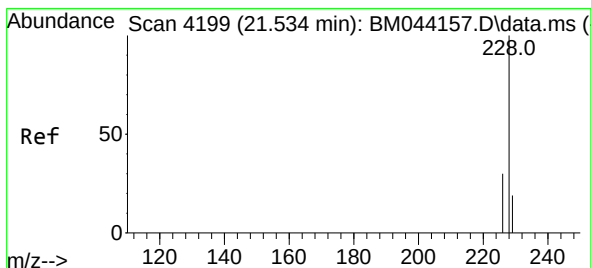
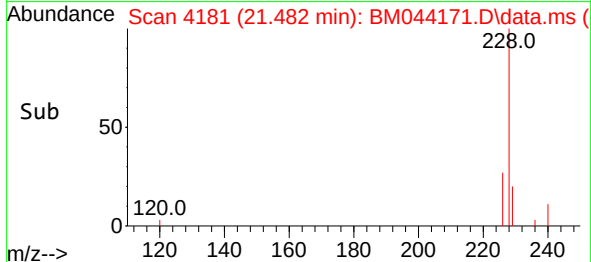
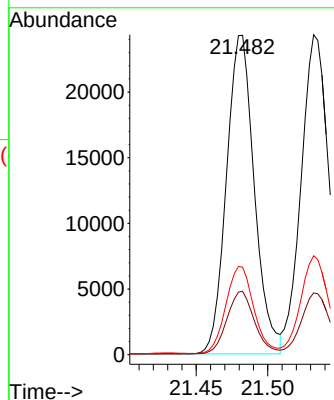
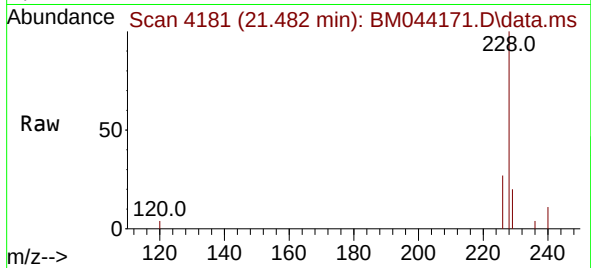




#21
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

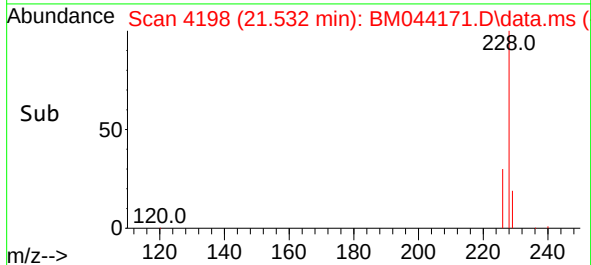
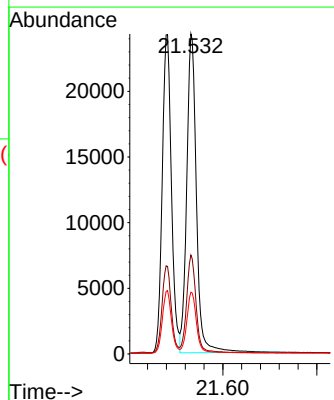
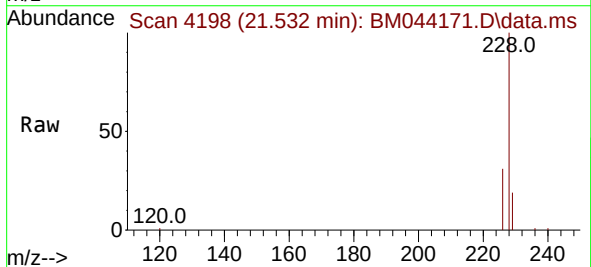
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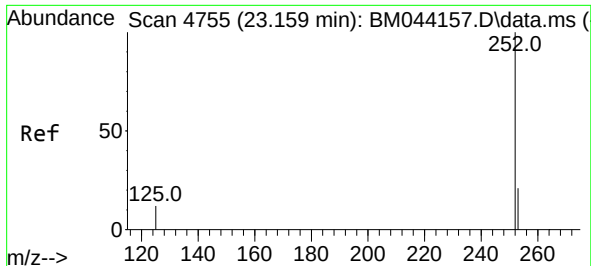
Tgt Ion:228 Resp: 32887
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.478 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion:228 Resp: 34771
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.3 15.8 23.6

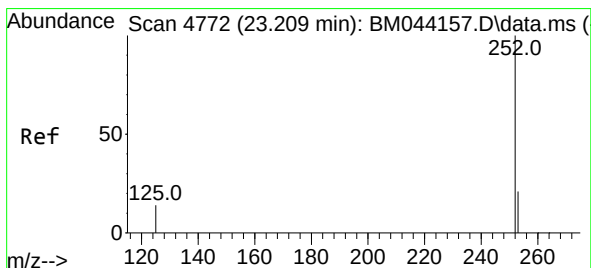
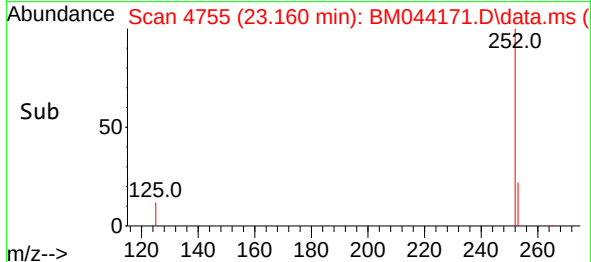
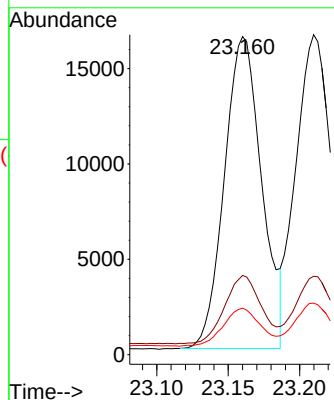
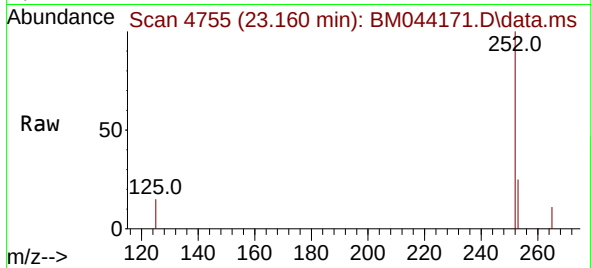




#24
Benzo(b)fluoranthene
Concen: 0.539 ng/ul
RT: 23.160 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

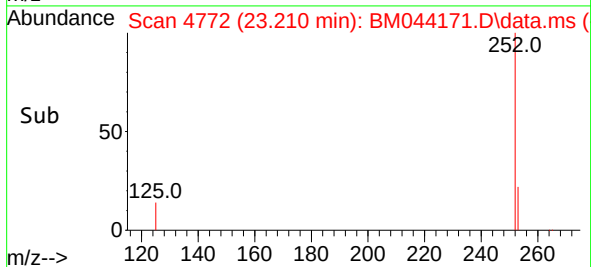
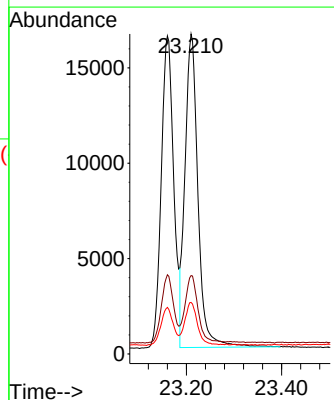
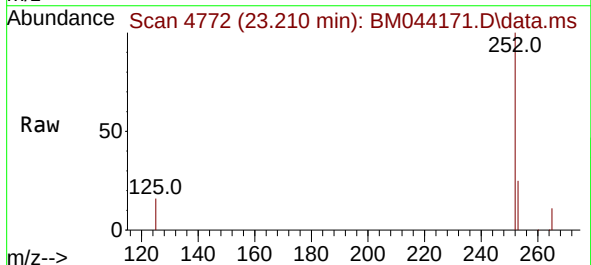
Instrument :
BNA_M
ClientSampleId :
SLCS014

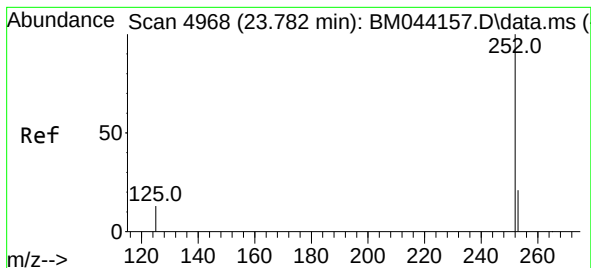
Tgt Ion:252 Resp: 29734
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.0
125 14.6 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.517 ng/ul
RT: 23.210 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion:252 Resp: 30991
Ion Ratio Lower Upper
252 100
253 24.5 20.1 30.1
125 16.1 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.492 ng/ul

RT: 23.780 min Scan# 4968

Delta R.T. -0.006 min

Lab File: BM044171.D

Acq: 17 Feb 2024 11:43

Instrument :

BNA_M

ClientSampleId :

SLCS014

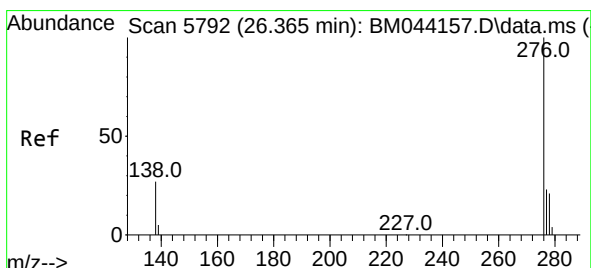
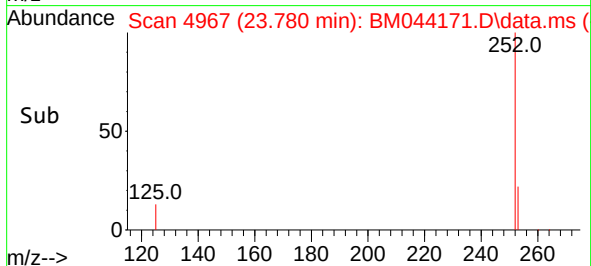
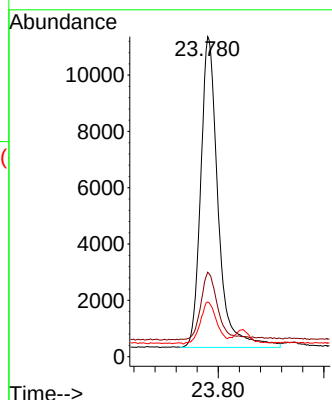
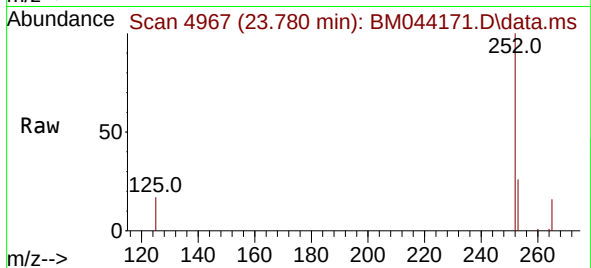
Tgt Ion:252 Resp: 25233

Ion Ratio Lower Upper

252 100

253 26.4 21.4 32.2

125 17.1 13.3 19.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.439 ng/ul

RT: 26.363 min Scan# 5791

Delta R.T. -0.006 min

Lab File: BM044171.D

Acq: 17 Feb 2024 11:43

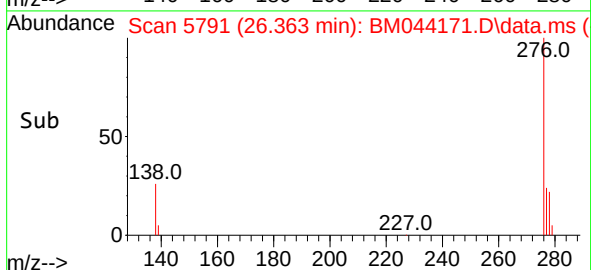
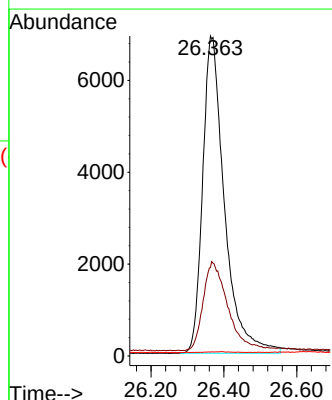
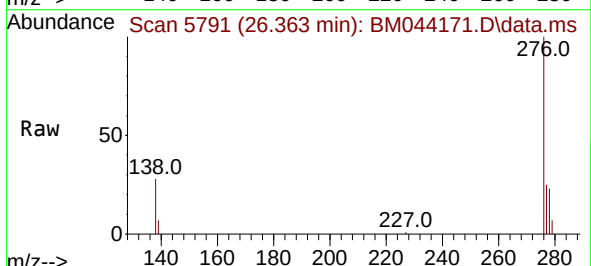
Tgt Ion:276 Resp: 28694

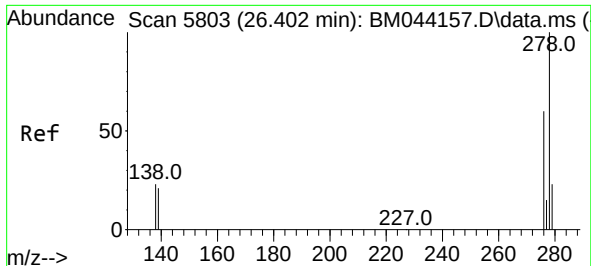
Ion Ratio Lower Upper

276 100

138 31.9 25.2 37.8

227 0.1 0.1 0.1#

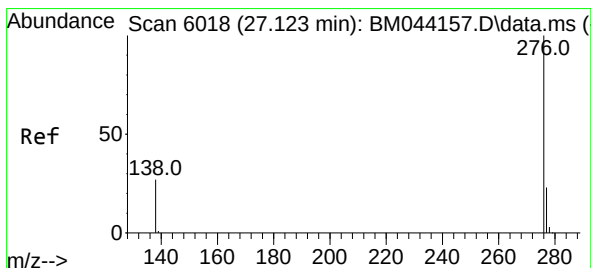
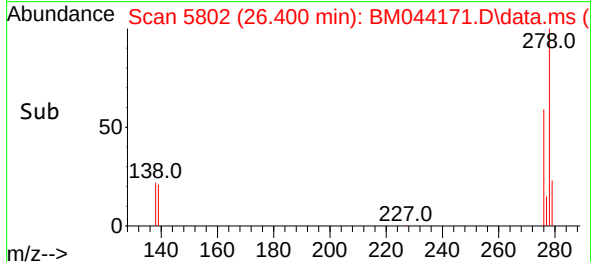
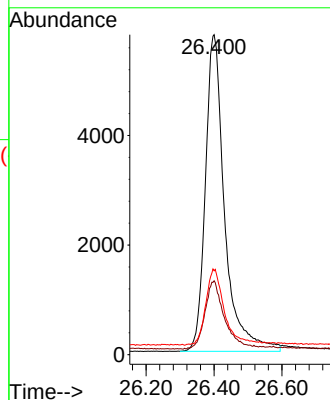
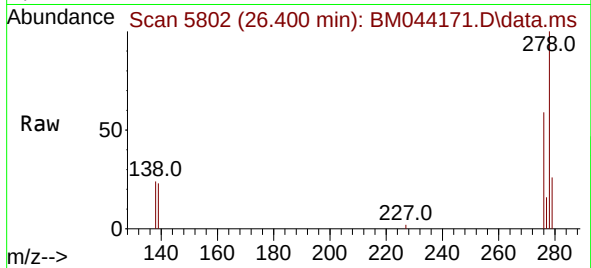




#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 26.400 min Scan# 5803
Delta R.T. -0.010 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:	278	Resp:	22763
Ion Ratio	Lower	Upper	
278	100		
139	23.1	17.8	26.8
279	26.2	21.8	32.8



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044171.D
Acq: 17 Feb 2024 11:43

Tgt Ion:	276	Resp:	24756
Ion Ratio	Lower	Upper	
276	100		
138	28.4	22.7	34.1
277	23.8	19.0	28.6

