

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039776.D
 Acq On : 01 May 2023 14:19
 Operator : CG/JU
 Sample : PB152375BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS375

Quant Time: May 02 01:25:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

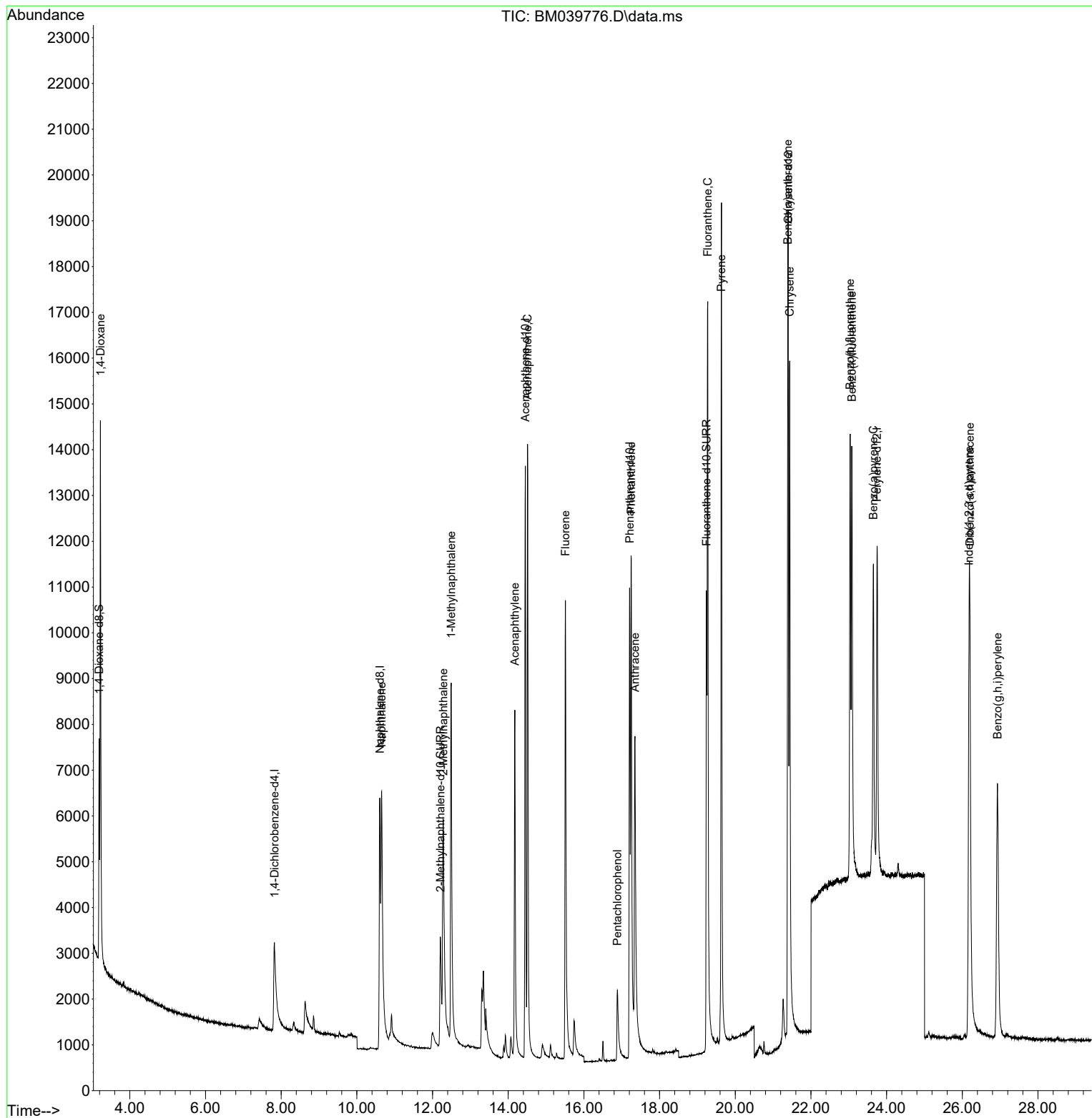
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	3072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.606	136	13898	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	8282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	15929	0.400	ng/ul	0.00
17) Chrysene-d12	21.399	240	12417	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	11282	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3226	0.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	6354	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	13912	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	7941	1.693	ng/ul#	36
5) Naphthalene	10.656	128	11786	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	7064	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.492	142	7670	0.355	ng/ul	99
10) Acenaphthylene	14.173	152	11542	0.360	ng/ul	99
11) Acenaphthene	14.511	153	8964	0.356	ng/ul	98
12) Fluorene	15.510	166	9671	0.346	ng/ul	100
14) Pentachlorophenol	16.883	266	2098	0.604	ng/ul	97
15) Phenanthrene	17.251	178	14672	0.350	ng/ul	100
16) Anthracene	17.348	178	12236	0.340	ng/ul	100
19) Fluoranthene	19.271	202	17466	0.394	ng/ul	99
20) Pyrene	19.634	202	18993	0.397	ng/ul	100
21) Benzo(a)anthracene	21.388	228	14077	0.394	ng/ul	98
22) Chrysene	21.437	228	15287	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.036	252	14059	0.355	ng/ul	93
25) Benzo(k)fluoranthene	23.080	252	14149	0.351	ng/ul#	93
26) Benzo(a)pyrene	23.650	252	12612	0.355	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.177	276	16128	0.359	ng/ul	96
28) Dibenzo(a,h)anthracene	26.198	278	12541	0.359	ng/ul	98
29) Benzo(g,h,i)perylene	26.929	276	13837	0.353	ng/ul	98

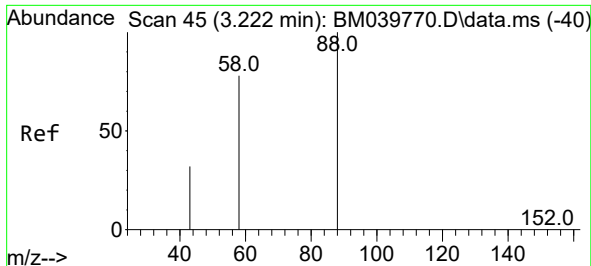
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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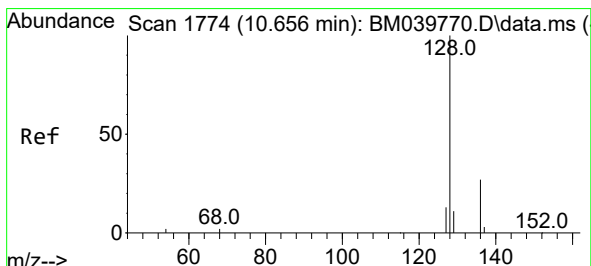
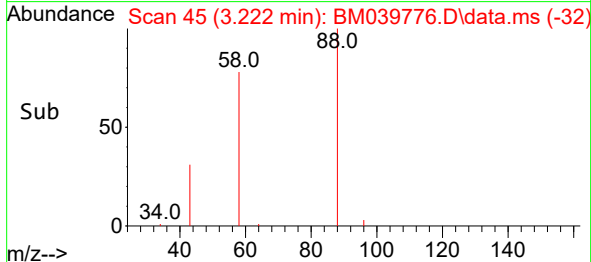
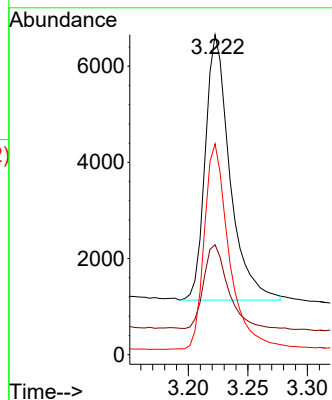
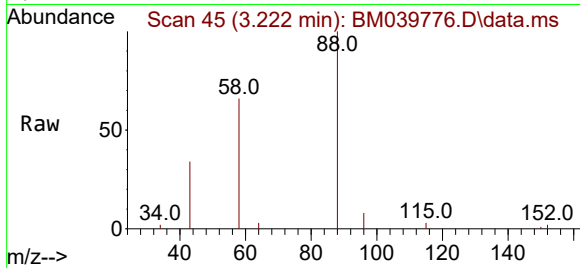




#2
1,4-Dioxane
Concen: 1.693 ng/ul
RT: 3.222 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

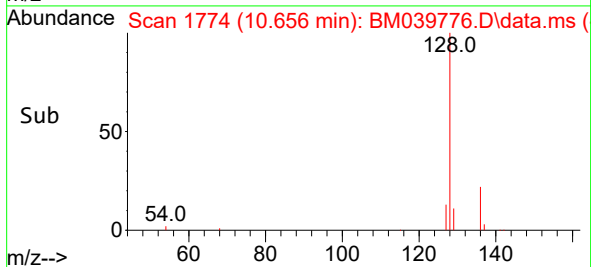
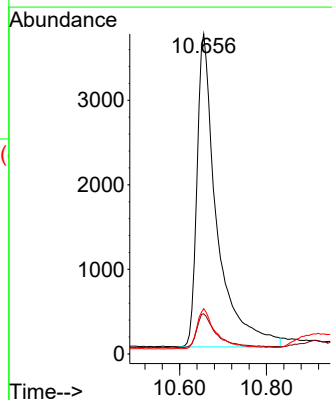
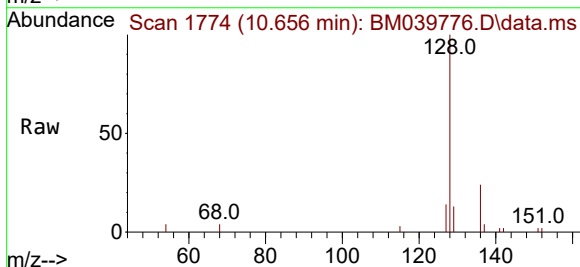
Instrument :
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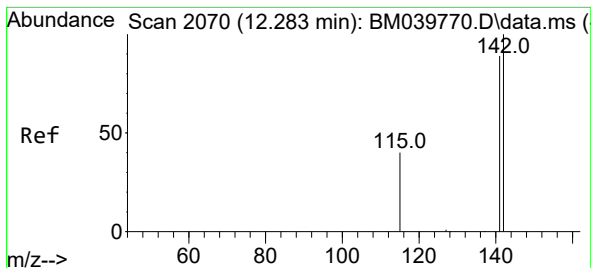
Tgt Ion: 88 Resp: 7941
Ion Ratio Lower Upper
88 100
43 34.3 102.6 153.8#
58 65.9 40.6 61.0#



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.656 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion: 128 Resp: 11786
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.2 11.1 16.7

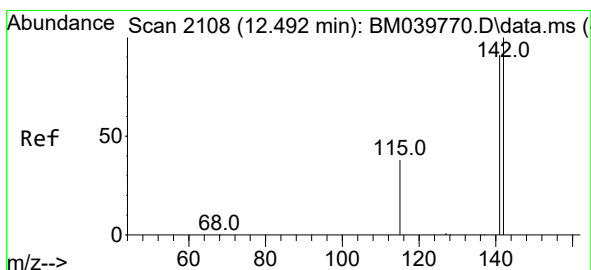
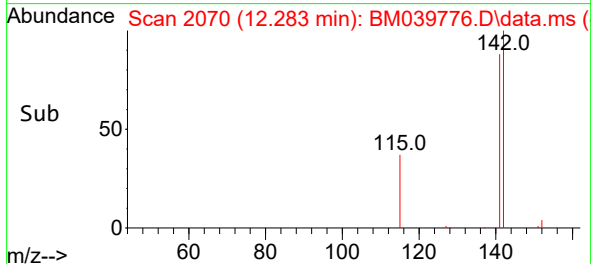
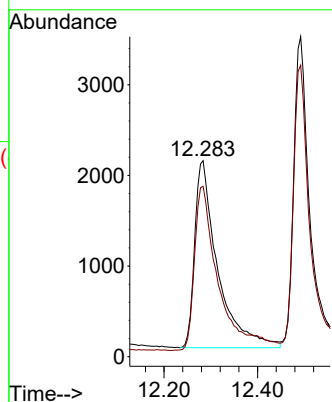
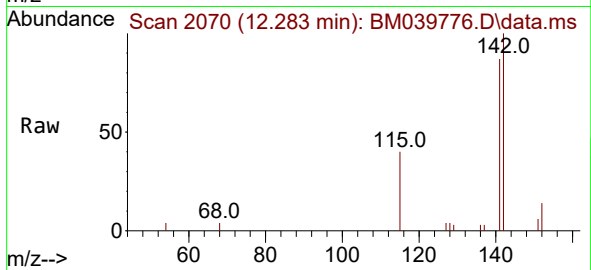




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

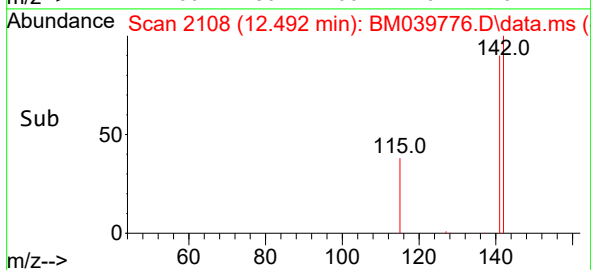
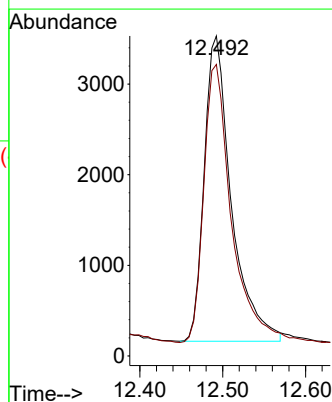
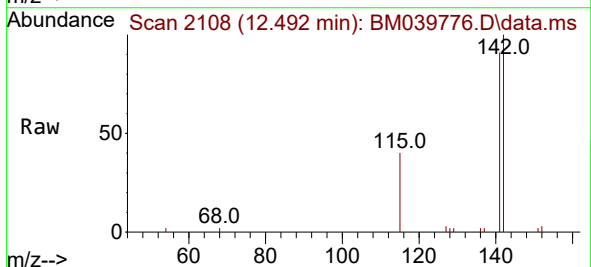
Instrument :
BNA_M
ClientSampleId :
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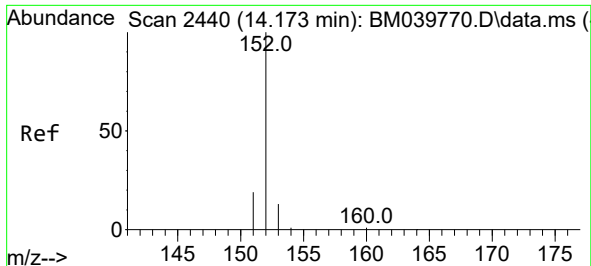
Tgt Ion:142 Resp: 7064
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion:142 Resp: 7670
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2

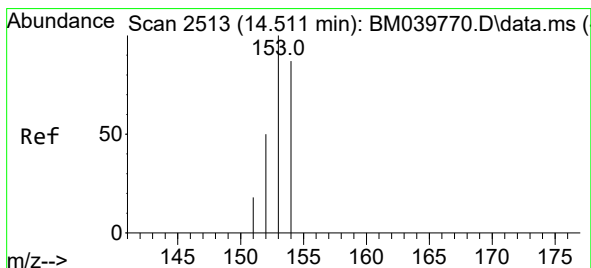
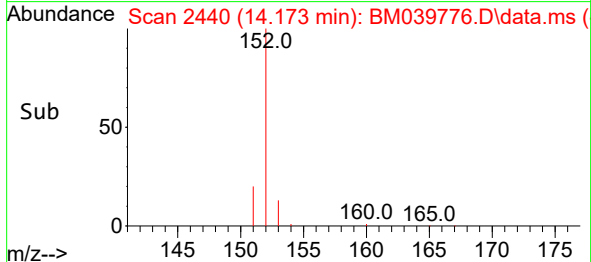
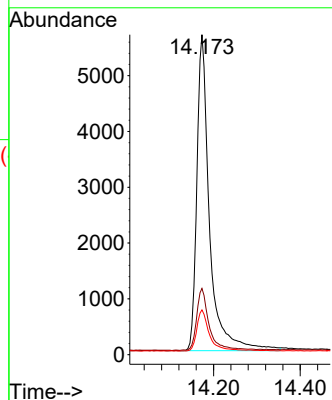
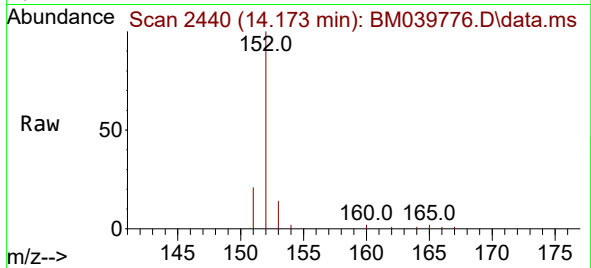




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

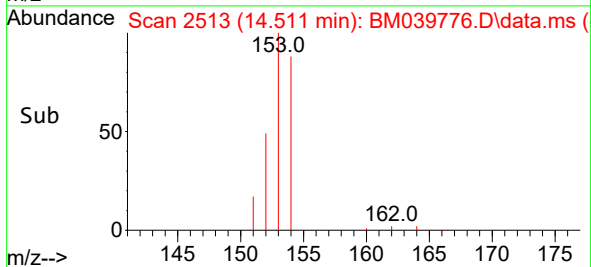
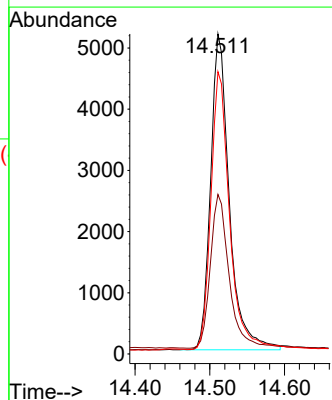
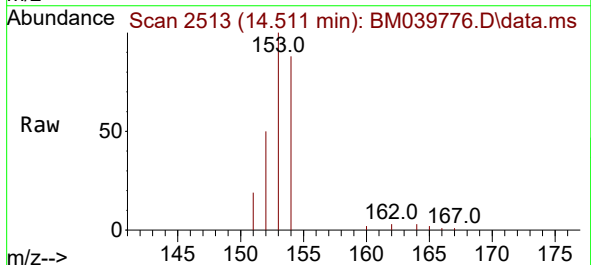
Instrument :
BNA_M
ClientSampleId :
SLCS375

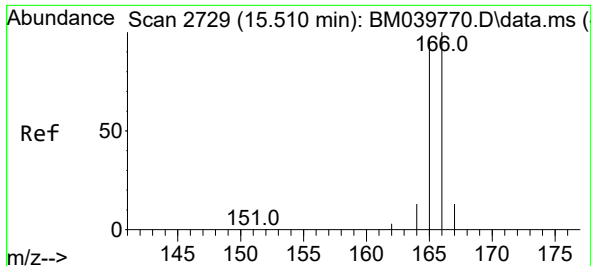
Tgt Ion:152 Resp: 11542
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion:153 Resp: 8964
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 88.2 71.9 107.9

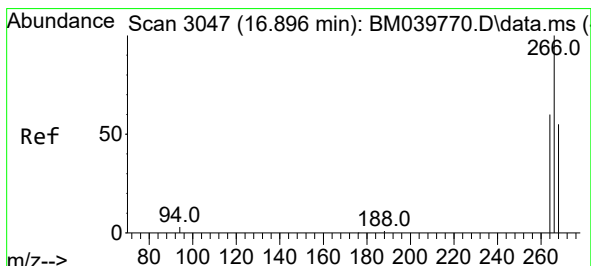
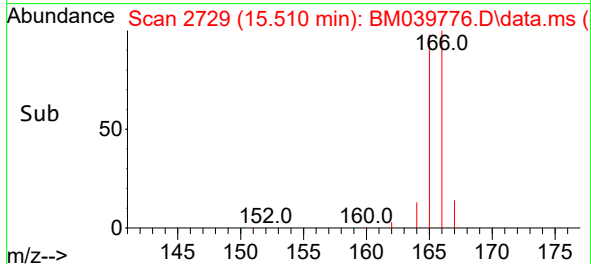
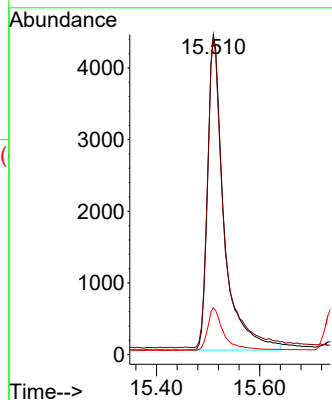
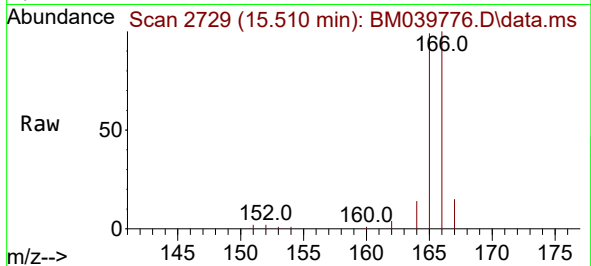




#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

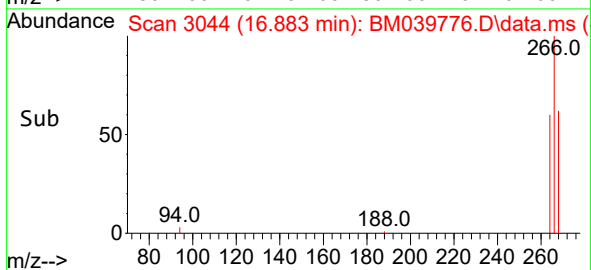
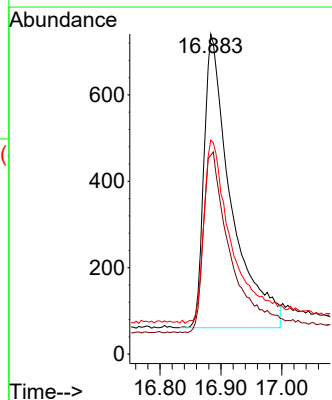
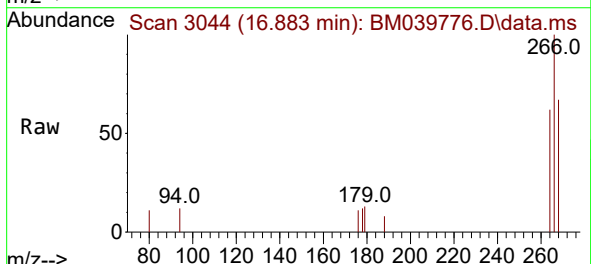
Instrument :
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ClientSampleId :
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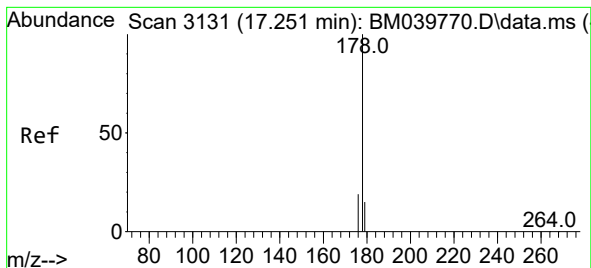
Tgt Ion:166 Resp: 9671
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.604 ng/ul
RT: 16.883 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion:266 Resp: 2098
Ion Ratio Lower Upper
266 100
264 62.7 48.8 73.2
268 65.6 50.4 75.6





#15

Phenanthrene

Concen: 0.350 ng/ul

RT: 17.251 min Scan# 3131

Delta R.T. 0.004 min

Lab File: BM039776.D

Acq: 01 May 2023 14:19

Instrument :

BNA_M

ClientSampleId :

SLCS375

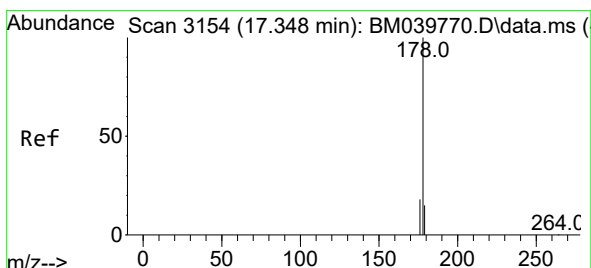
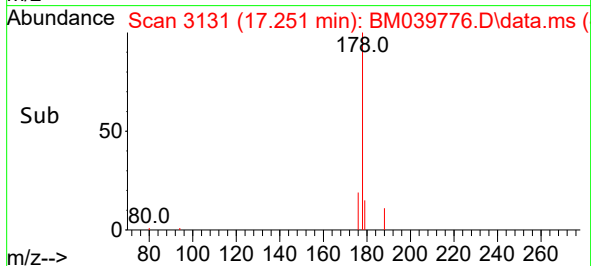
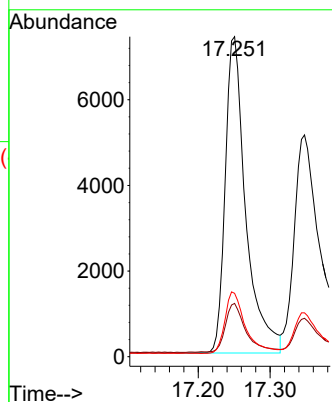
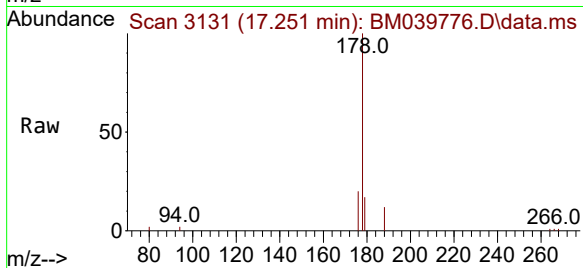
Tgt Ion:178 Resp: 14672

Ion Ratio Lower Upper

178 100

179 16.6 13.0 19.6

176 19.8 15.8 23.8



#16

Anthracene

Concen: 0.340 ng/ul

RT: 17.348 min Scan# 3154

Delta R.T. 0.004 min

Lab File: BM039776.D

Acq: 01 May 2023 14:19

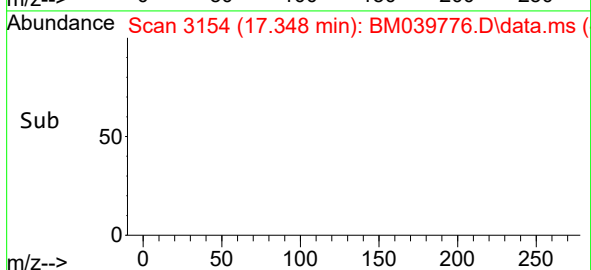
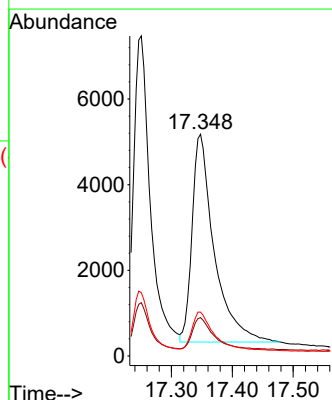
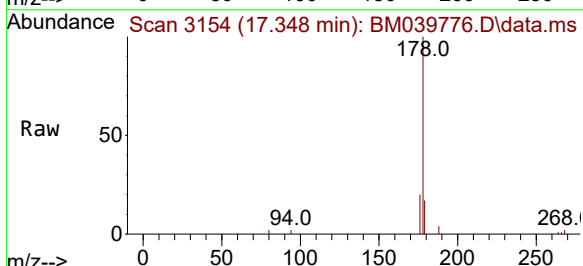
Tgt Ion:178 Resp: 12236

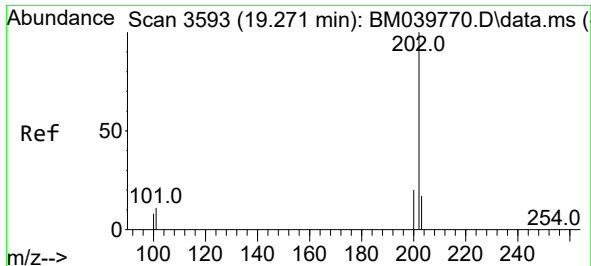
Ion Ratio Lower Upper

178 100

179 17.3 13.8 20.6

176 19.8 15.8 23.8

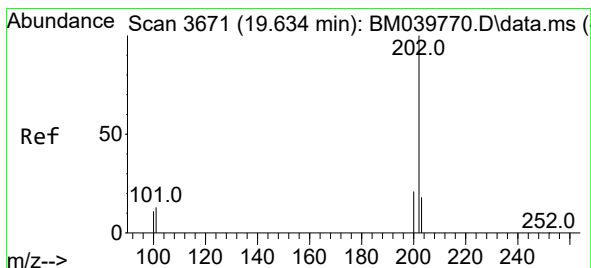
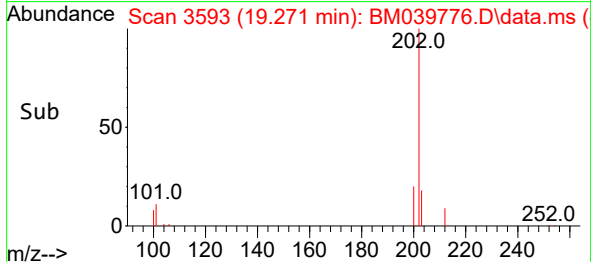
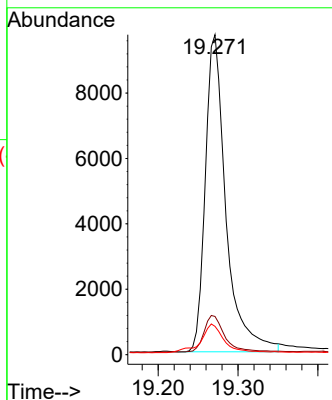
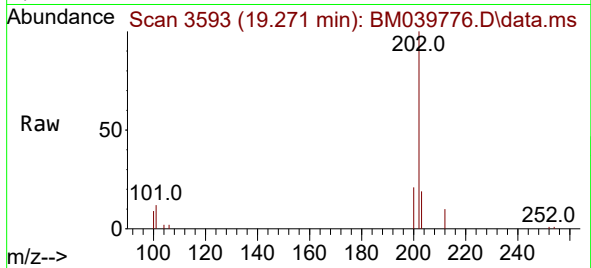




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

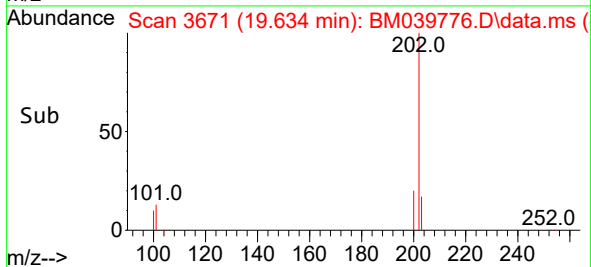
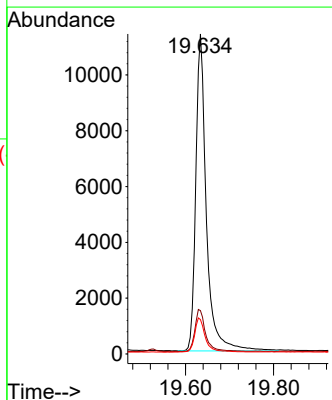
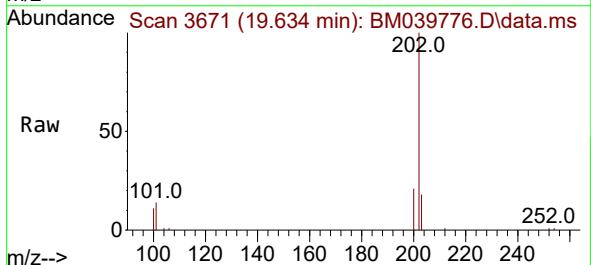
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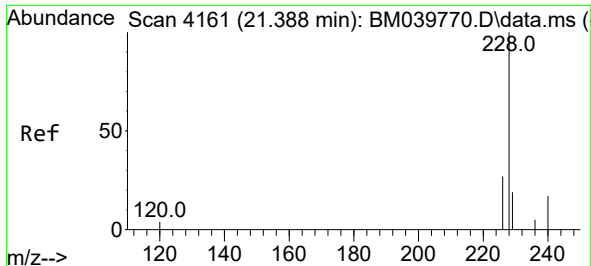
Tgt Ion:202 Resp: 17466
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

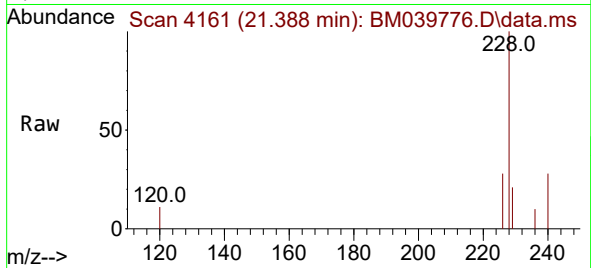
Tgt Ion:202 Resp: 18993
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 10.8 8.9 13.3



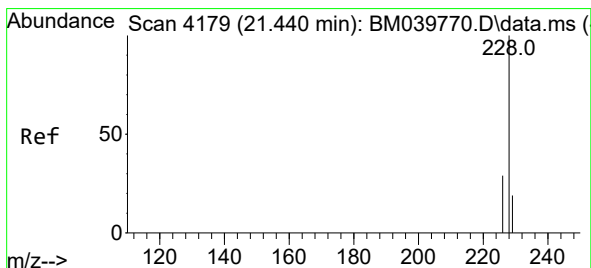
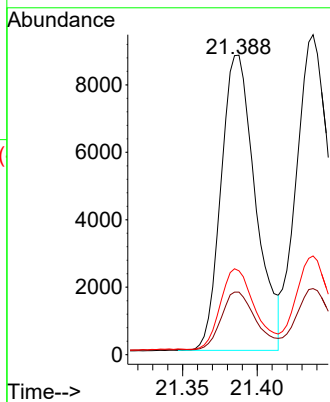
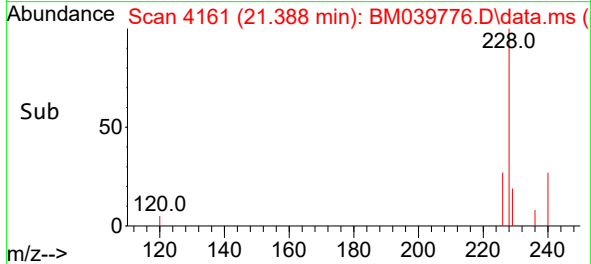


#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Instrument :
BNA_M
ClientSampleId :
SLCS375

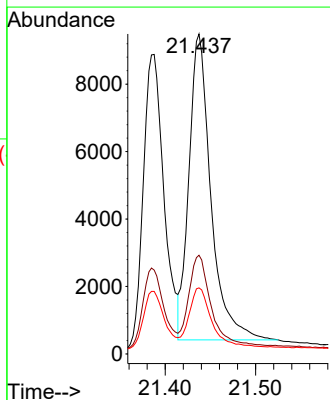
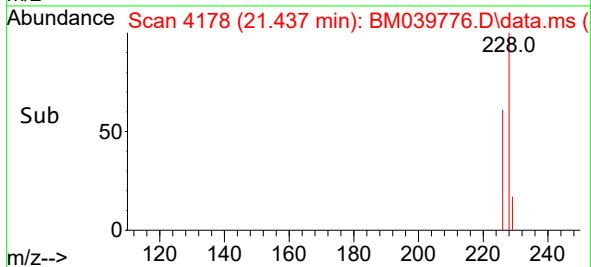
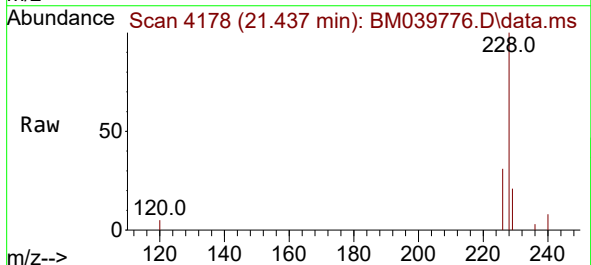


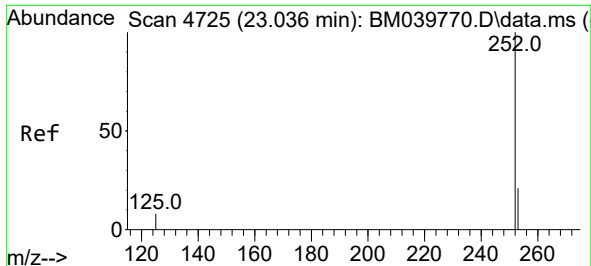
Tgt Ion:228 Resp: 14077
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.0 21.6 32.4



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.437 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion:228 Resp: 15287
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.7 15.9 23.9

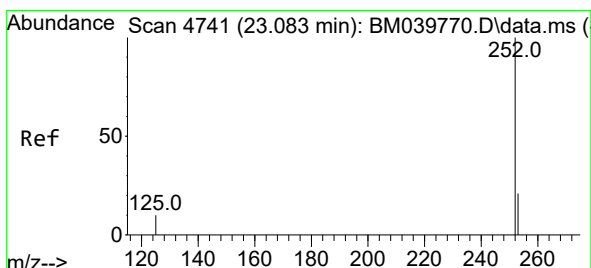
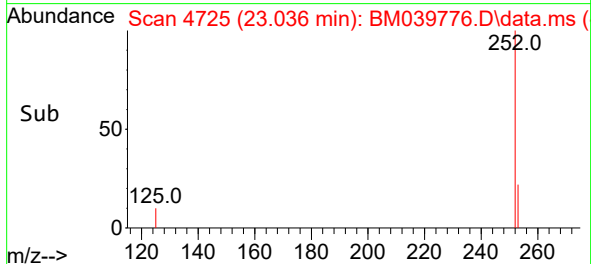
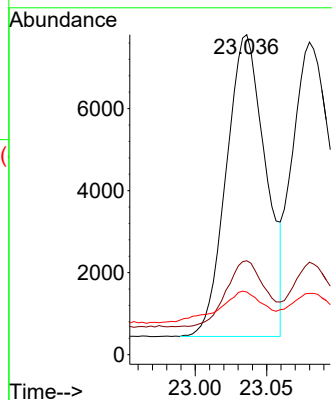
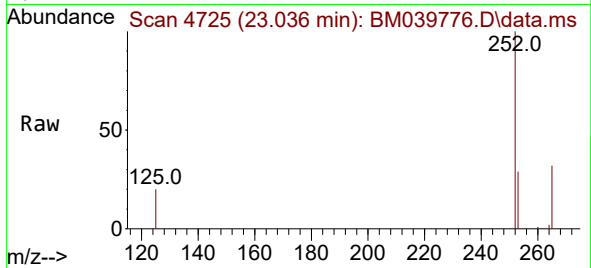




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.036 min Scan# 4725
Delta R.T. 0.004 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

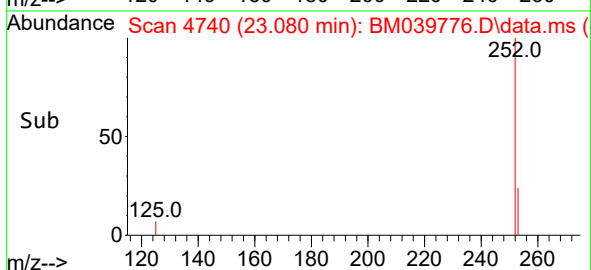
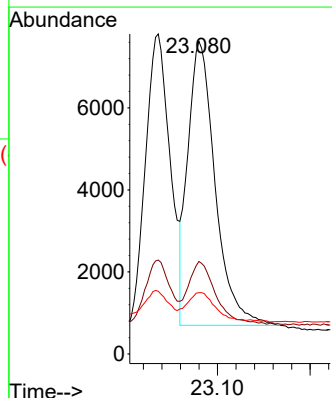
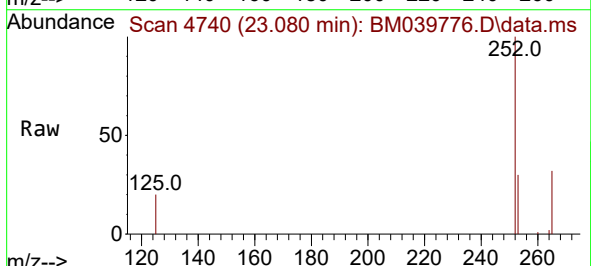
Instrument :
BNA_M
ClientSampleId :
SLCS375

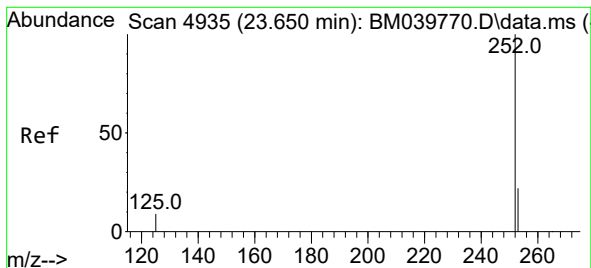
Tgt Ion:252 Resp: 14059
Ion Ratio Lower Upper
252 100
253 29.4 0.0 52.8
125 19.6 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.080 min Scan# 4740
Delta R.T. 0.001 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion:252 Resp: 14149
Ion Ratio Lower Upper
252 100
253 29.6 21.3 31.9
125 19.6 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 0.355 ng/ul

RT: 23.650 min Scan# 4935

Delta R.T. 0.007 min

Lab File: BM039776.D

Acq: 01 May 2023 14:19

Instrument :

BNA_M

ClientSampleId :

SLCS375

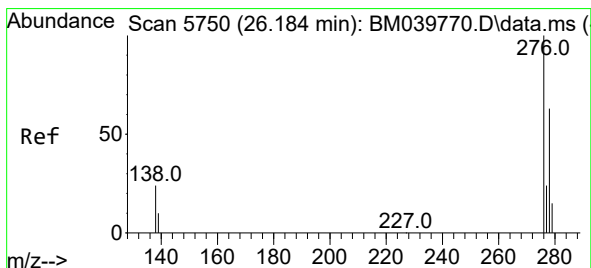
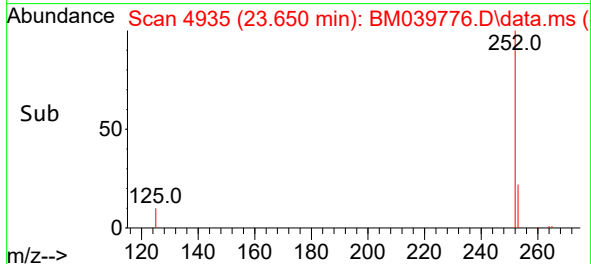
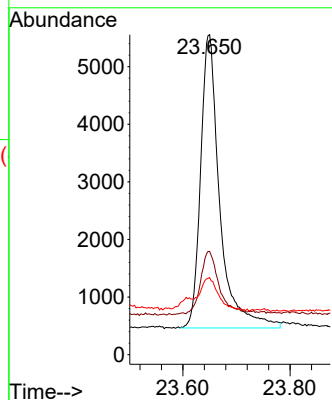
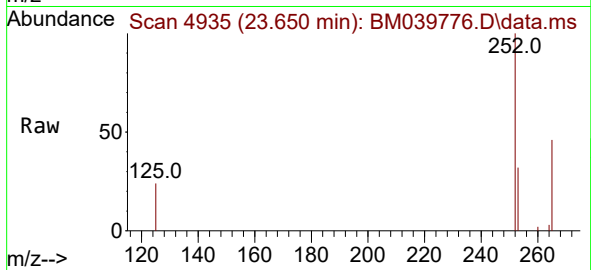
Tgt Ion:252 Resp: 12612

Ion Ratio Lower Upper

252 100

253 32.3 24.7 37.1

125 24.1 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.359 ng/ul

RT: 26.177 min Scan# 5748

Delta R.T. -0.002 min

Lab File: BM039776.D

Acq: 01 May 2023 14:19

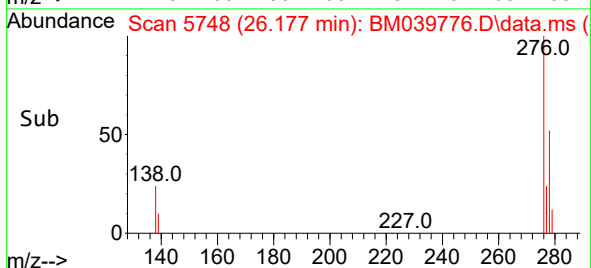
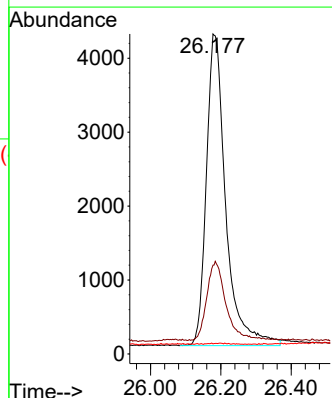
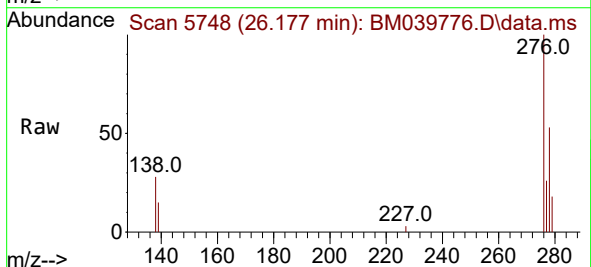
Tgt Ion:276 Resp: 16128

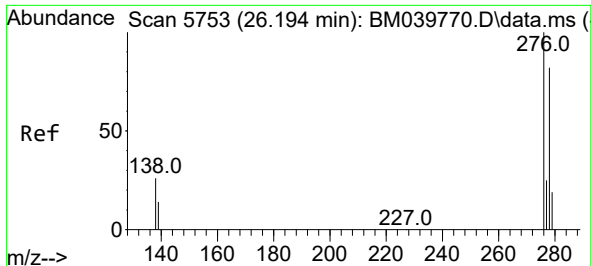
Ion Ratio Lower Upper

276 100

138 24.6 21.1 31.7

227 0.1 0.1 0.1

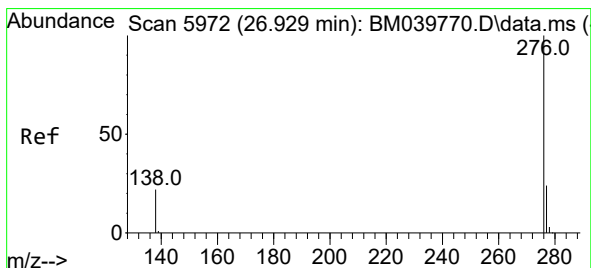
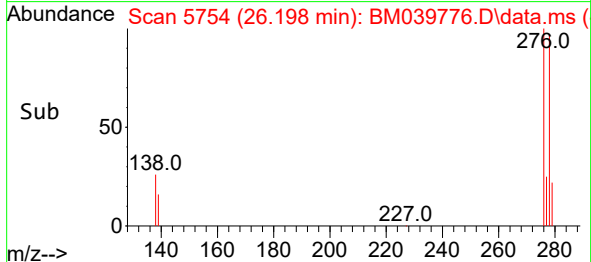
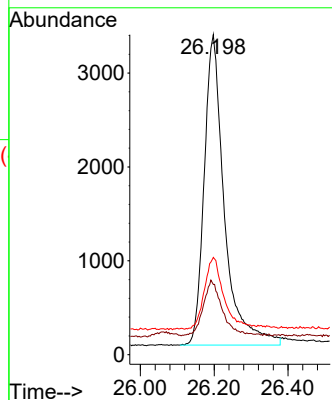
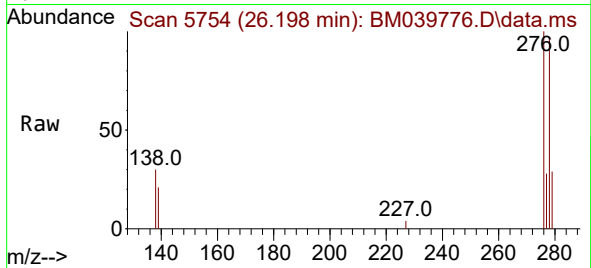




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.198 min Scan# 51
Delta R.T. 0.009 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Instrument :
BNA_M
ClientSampleId :
SLCS375

Tgt Ion:278 Resp: 12541
Ion Ratio Lower Upper
278 100
139 21.9 17.0 25.6
279 30.4 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.929 min Scan# 5972
Delta R.T. 0.009 min
Lab File: BM039776.D
Acq: 01 May 2023 14:19

Tgt Ion:276 Resp: 13837
Ion Ratio Lower Upper
276 100
138 25.6 20.1 30.1
277 26.2 20.1 30.1

