

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039769.D
 Acq On : 29 Apr 2023 12:08
 Operator : CG/JU
 Sample : SSTDCCC0.5
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP115

Quant Time: May 01 01:34:09 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

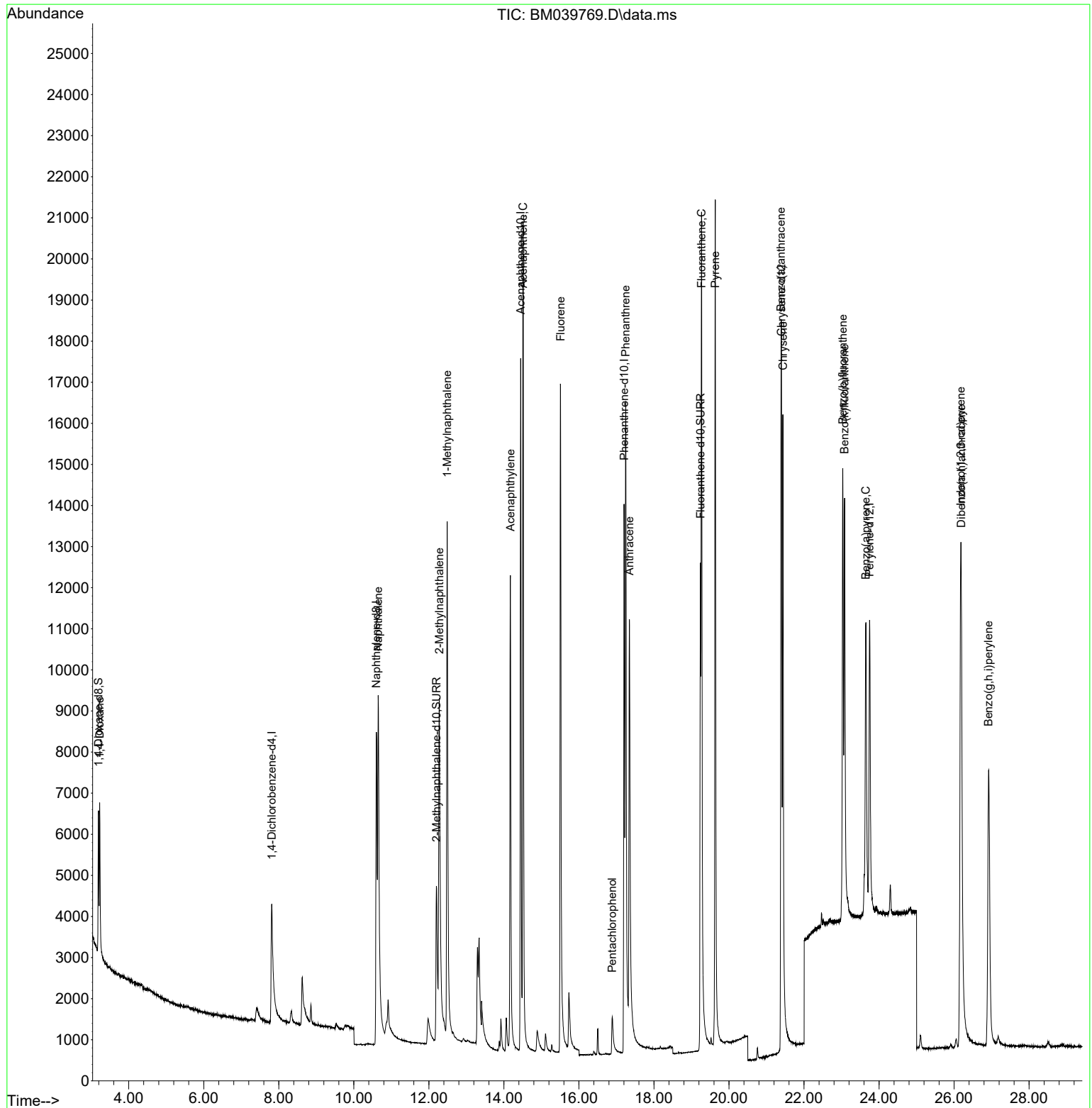
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	3936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	17153	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	10586	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	19321	0.400	ng/ul	0.00
17) Chrysene-d12	21.399	240	11686	0.400	ng/ul	0.00
23) Perylene-d12	23.749	264	11300	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2360	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	9333	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	16423	0.522	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	2297	0.382	ng/ul#	38
5) Naphthalene	10.650	128	16893	0.392	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	10662	0.429	ng/ul	99
8) 1-Methylnaphthalene	12.487	142	11488	0.431	ng/ul	99
10) Acenaphthylene	14.173	152	17072	0.417	ng/ul	99
11) Acenaphthene	14.511	153	13363	0.415	ng/ul	99
12) Fluorene	15.510	166	14464	0.405	ng/ul	97
14) Pentachlorophenol	16.887	266	1262	0.300	ng/ul	97
15) Phenanthrene	17.246	178	20870	0.410	ng/ul	100
16) Anthracene	17.343	178	17406	0.398	ng/ul	99
19) Fluoranthene	19.266	202	21323	0.511	ng/ul	99
20) Pyrene	19.634	202	22106	0.491	ng/ul	98
21) Benzo(a)anthracene	21.388	228	14502	0.432	ng/ul	99
22) Chrysene	21.437	228	16380	0.431	ng/ul	100
24) Benzo(b)fluoranthene	23.033	252	15793	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.080	252	15515	0.384	ng/ul	99
26) Benzo(a)pyrene	23.647	252	14347	0.403	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.177	276	19817	0.440	ng/ul	99
28) Dibenzo(a,h)anthracene	26.191	278	15462	0.442	ng/ul	98
29) Benzo(g,h,i)perylene	26.919	276	17275	0.440	ng/ul	99

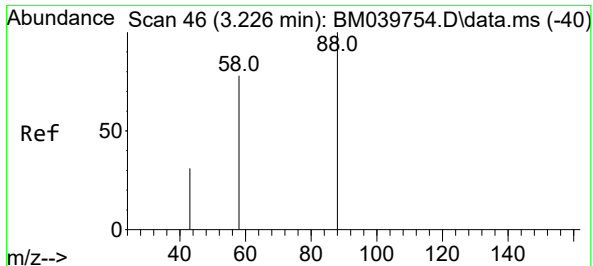
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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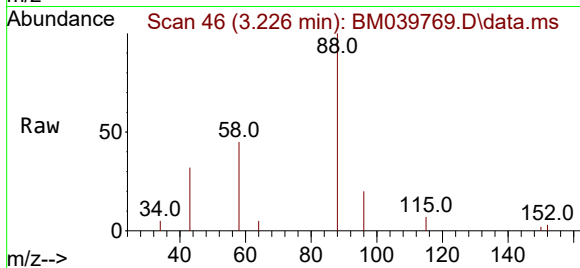
Quant Time: May 01 01:34:09 2023
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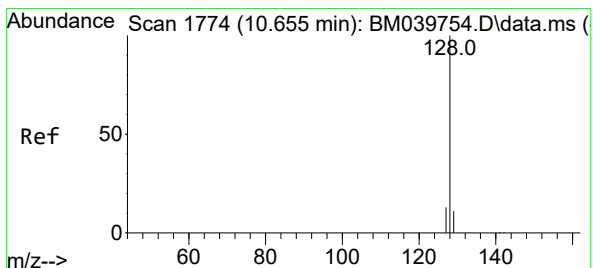
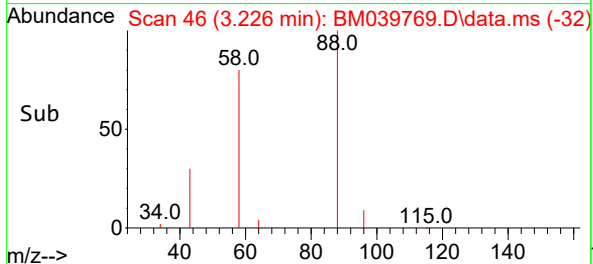
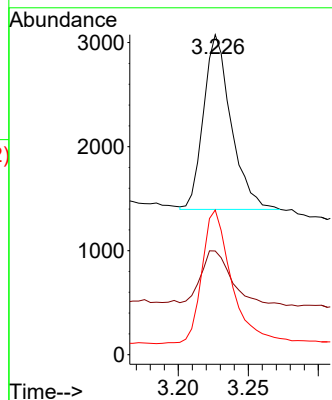


#2
1,4-Dioxane
Concen: 0.382 ng/ul
RT: 3.226 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Instrument :
BNA_M
ClientSampleId :
DFTPP115

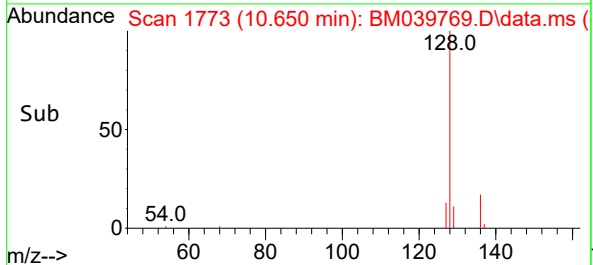
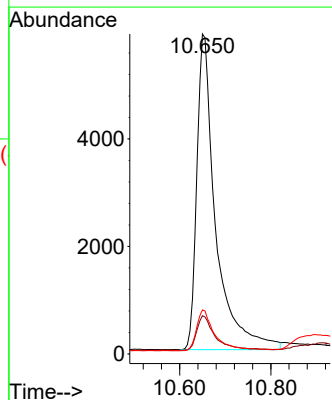
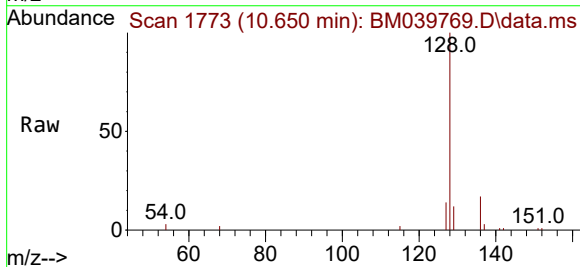


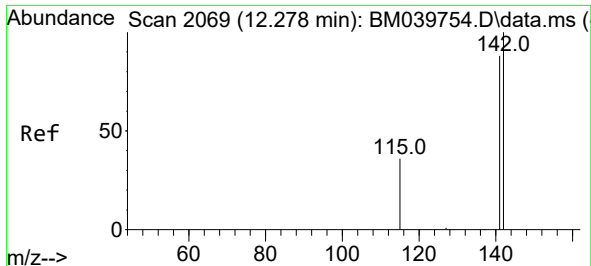
Tgt Ion: 88 Resp: 2297
Ion Ratio Lower Upper
88 100
43 32.4 102.6 153.8#
58 45.2 40.6 61.0



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion: 128 Resp: 16893
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 13.7 11.1 16.7

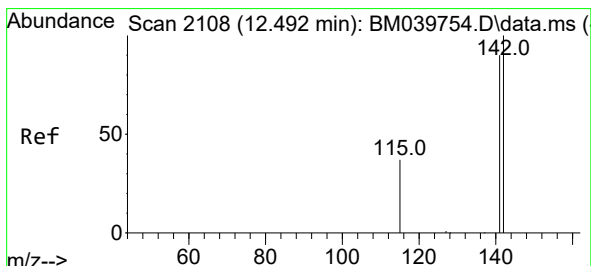
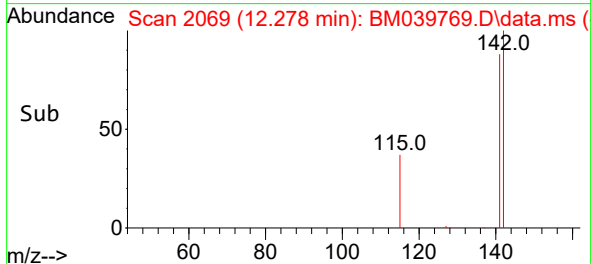
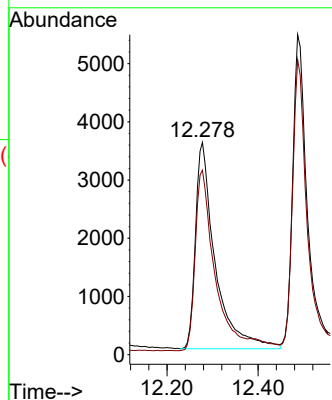
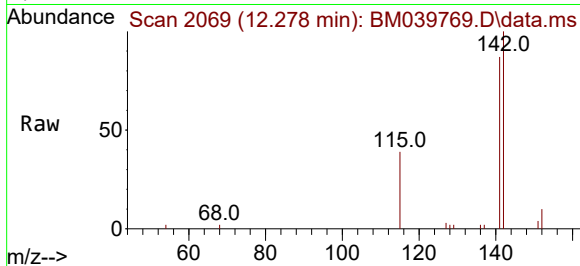




#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

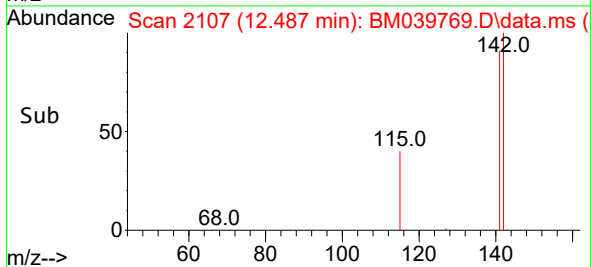
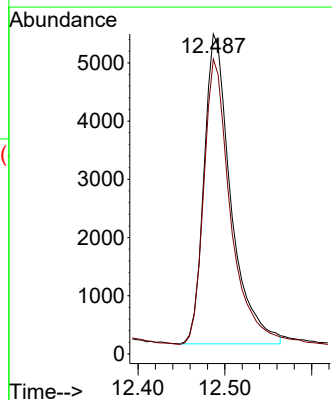
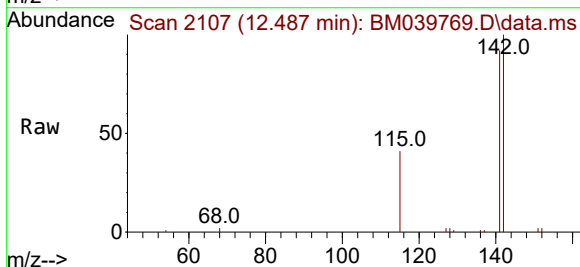
Instrument :
BNA_M
ClientSampleId :
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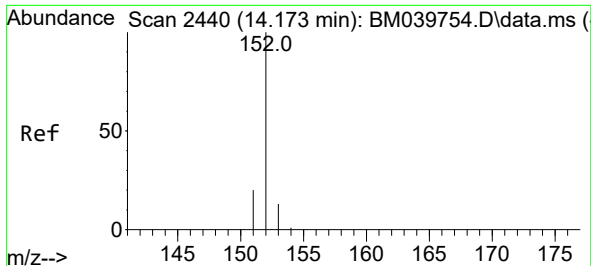
Tgt Ion:142 Resp: 10662
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion:142 Resp: 11488
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2

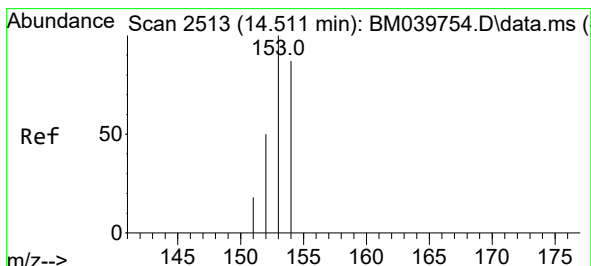
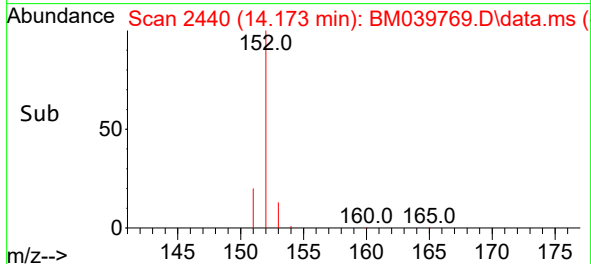
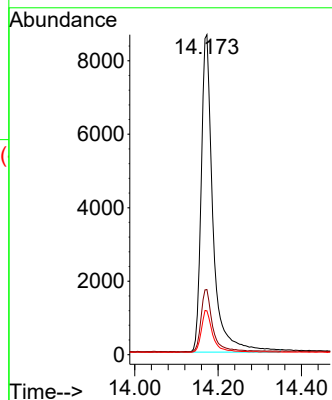
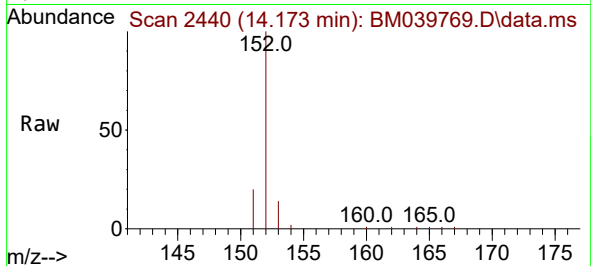




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

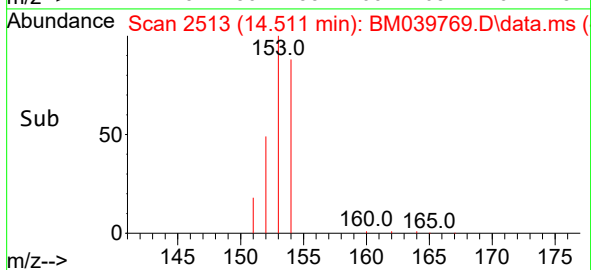
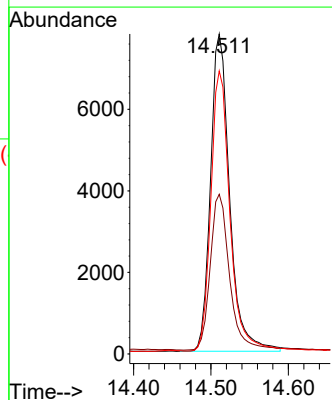
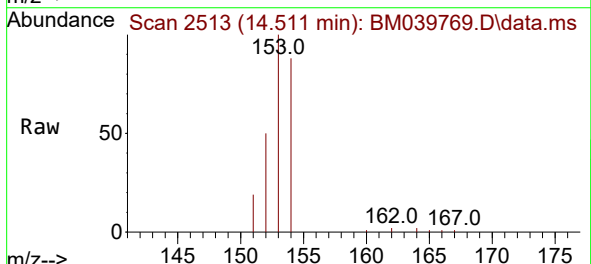
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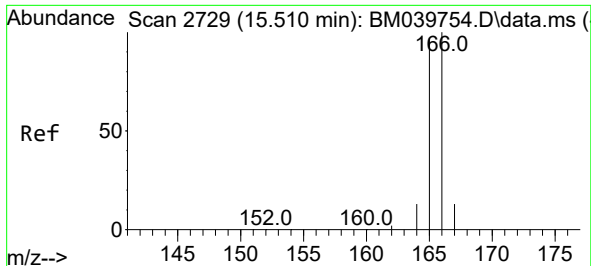
Tgt Ion:152 Resp: 17072
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion:153 Resp: 13363
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 88.5 71.9 107.9

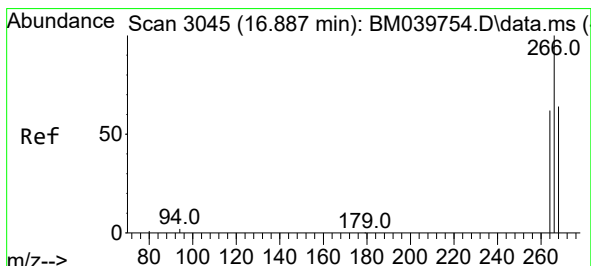
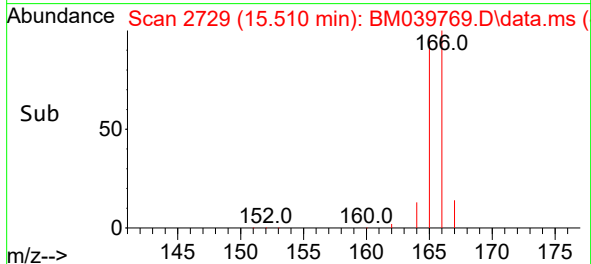
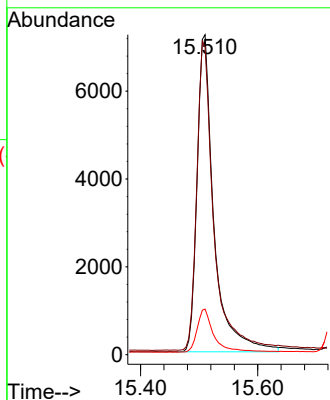
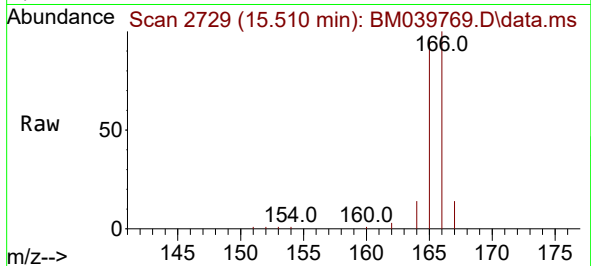




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

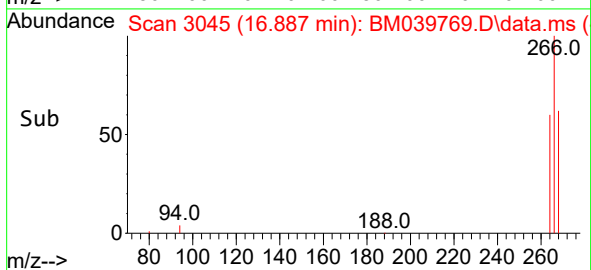
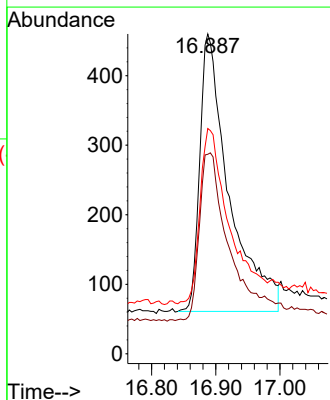
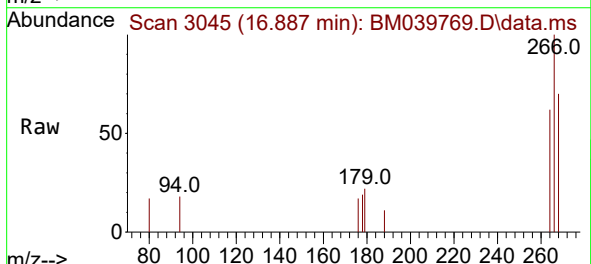
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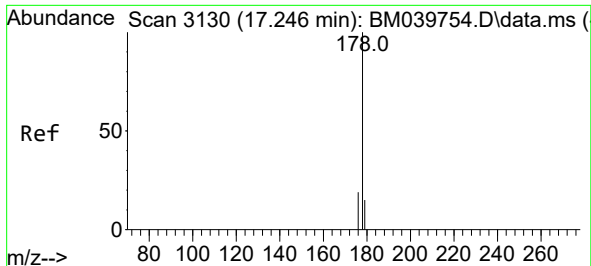
Tgt Ion:166 Resp: 14464
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.300 ng/ul
RT: 16.887 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion:266 Resp: 1262
Ion Ratio Lower Upper
266 100
264 62.4 48.8 73.2
268 65.9 50.4 75.6

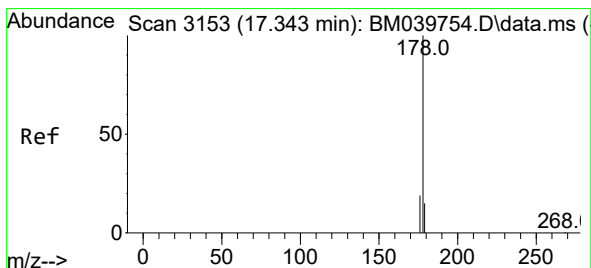
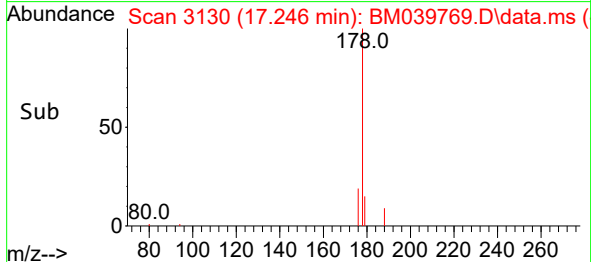
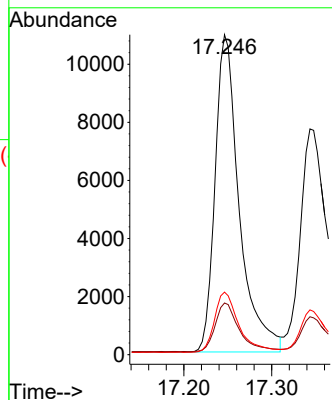
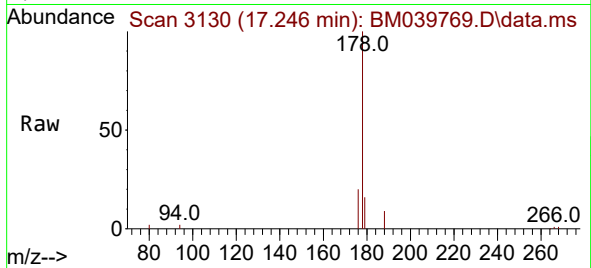




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

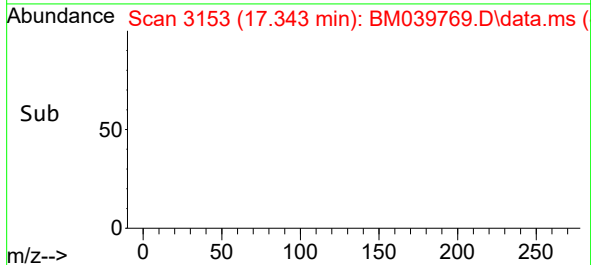
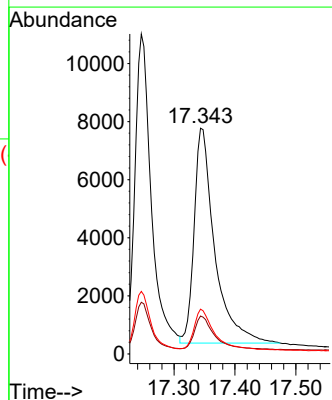
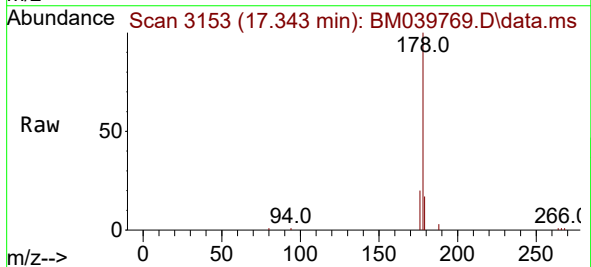
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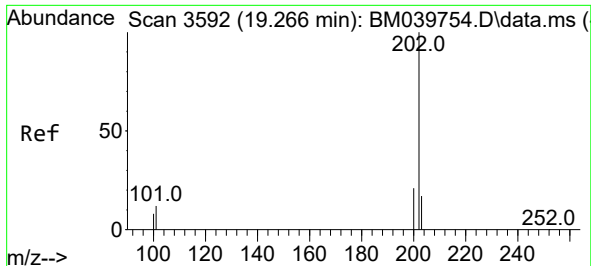
Tgt Ion:178 Resp: 20870
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.343 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion:178 Resp: 17406
Ion Ratio Lower Upper
178 100
179 16.8 13.8 20.6
176 19.8 15.8 23.8

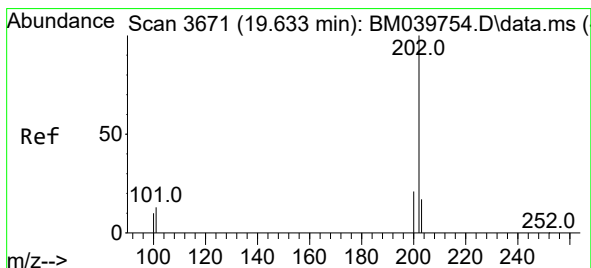
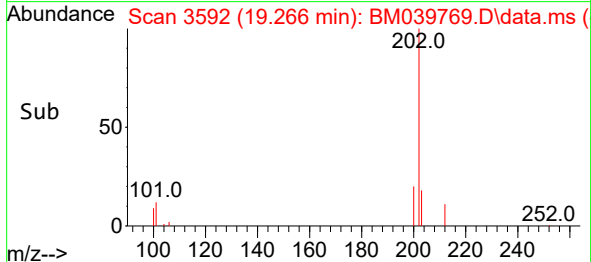
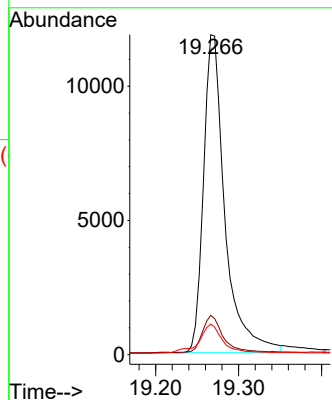
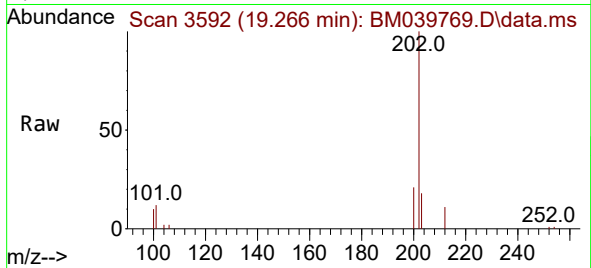




#19
Fluoranthene
Concen: 0.511 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

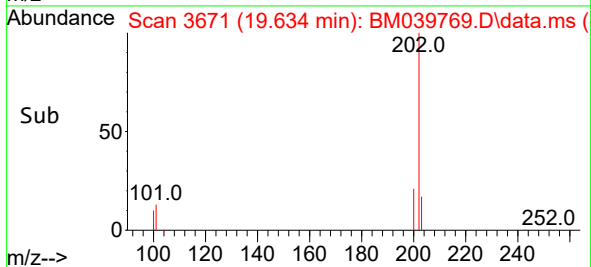
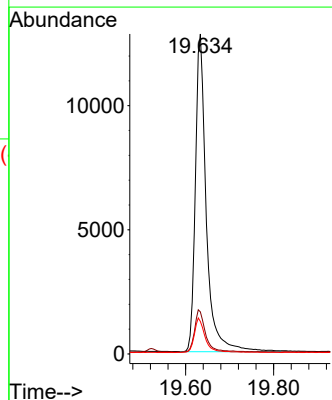
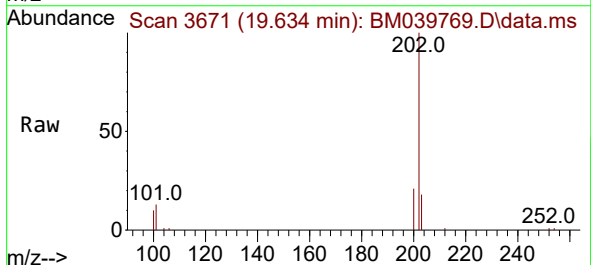
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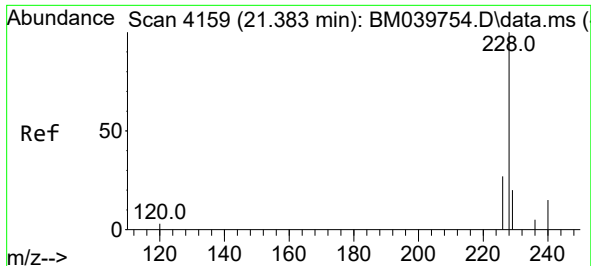
Tgt Ion:202 Resp: 21323
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.491 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion:202 Resp: 22106
Ion Ratio Lower Upper
202 100
101 13.1 10.9 16.3
100 10.1 8.9 13.3

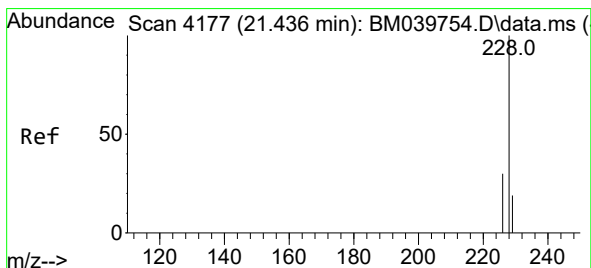
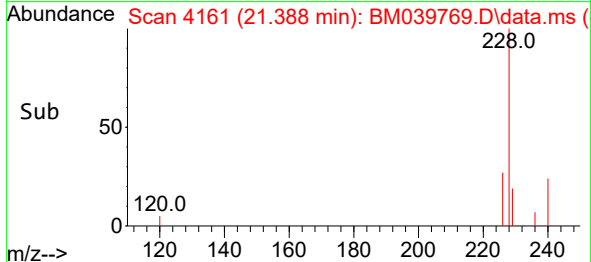
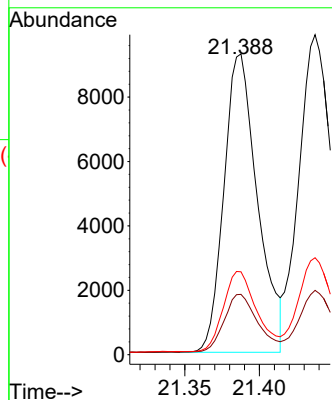
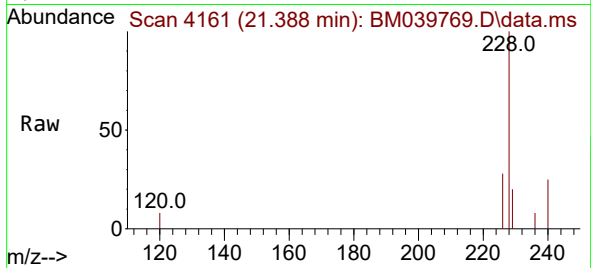




#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.388 min Scan# 41
Delta R.T. 0.004 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

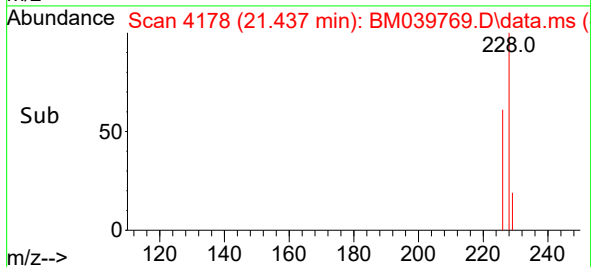
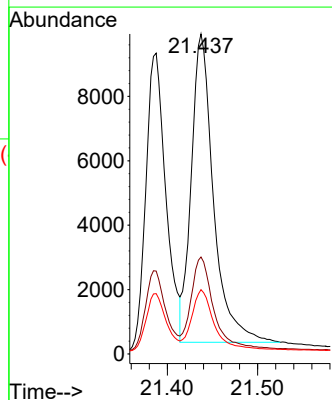
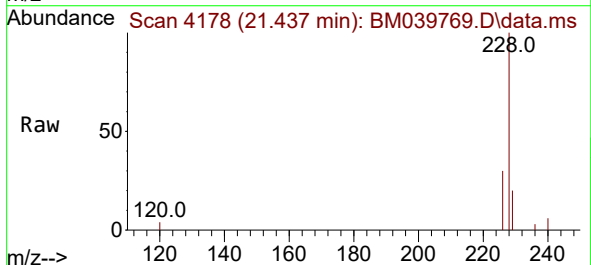
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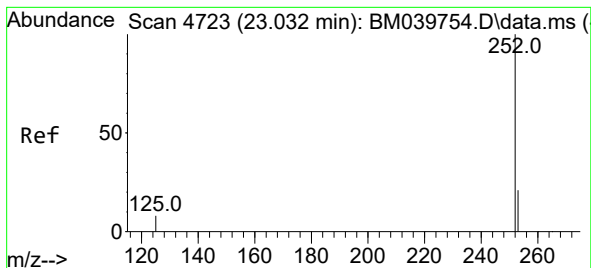
Tgt Ion:228 Resp: 14502
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.6 21.6 32.4



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.437 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM039769.D
Acq: 29 Apr 2023 12:08

Tgt Ion:228 Resp: 16380
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.1 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.033 min Scan# 41

Delta R.T. 0.001 min

Lab File: BM039769.D

Acq: 29 Apr 2023 12:08

Instrument :

BNA_M

ClientSampleId :

DFTPP115

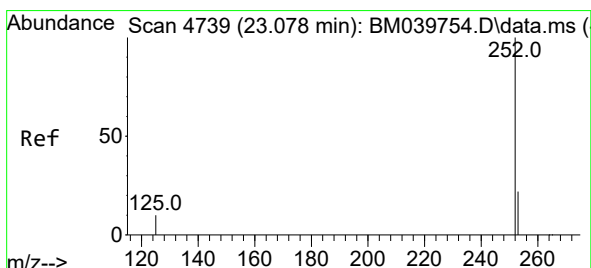
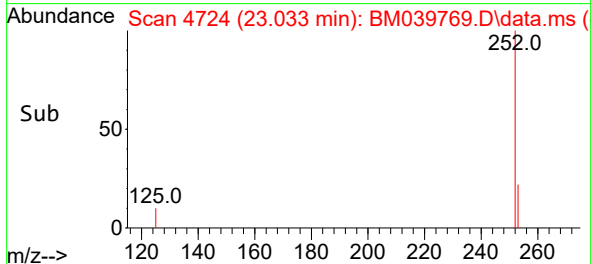
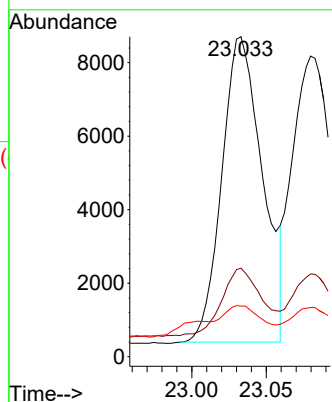
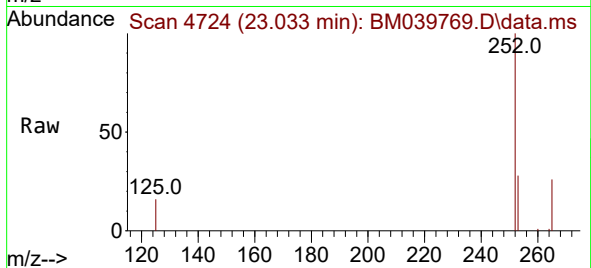
Tgt Ion:252 Resp: 15793

Ion Ratio Lower Upper

252 100

253 27.6 0.0 52.8

125 15.8 0.0 31.6



#25

Benzo(k)fluoranthene

Concen: 0.384 ng/ul

RT: 23.080 min Scan# 4740

Delta R.T. 0.001 min

Lab File: BM039769.D

Acq: 29 Apr 2023 12:08

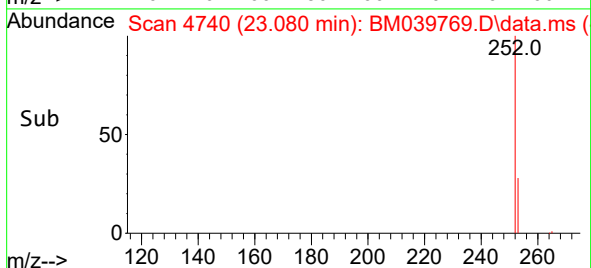
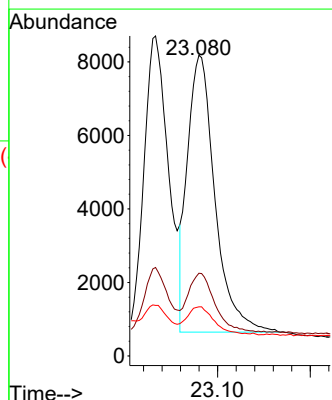
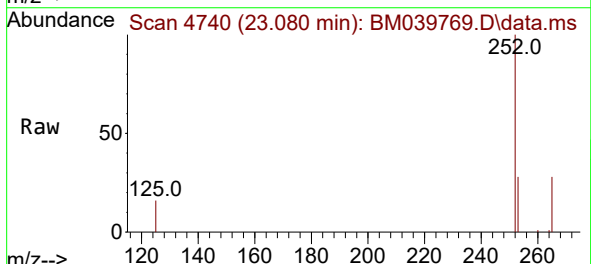
Tgt Ion:252 Resp: 15515

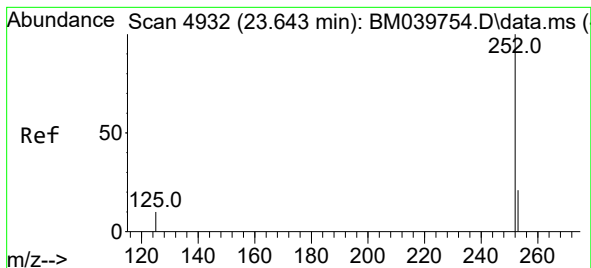
Ion Ratio Lower Upper

252 100

253 27.5 21.3 31.9

125 16.4 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.647 min Scan# 4932

Delta R.T. 0.004 min

Lab File: BM039769.D

Acq: 29 Apr 2023 12:08

Instrument :

BNA_M

ClientSampleId :

DFTPP115

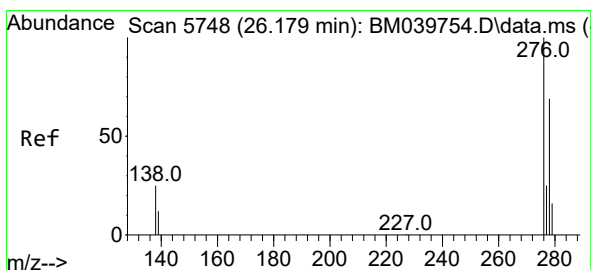
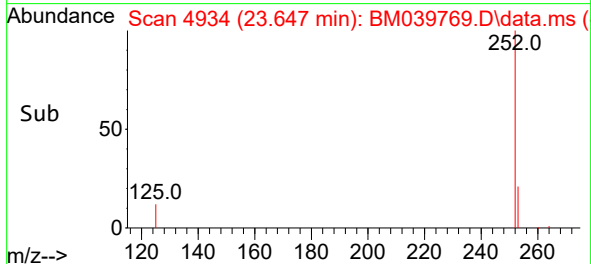
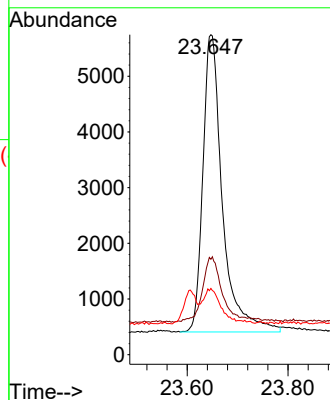
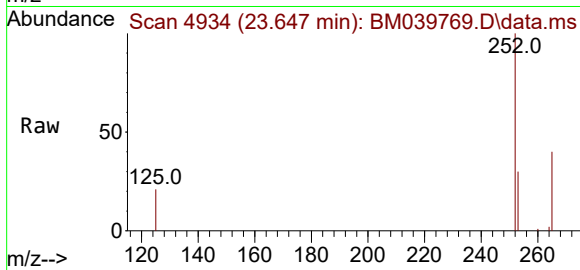
Tgt Ion:252 Resp: 14347

Ion Ratio Lower Upper

252 100

253 29.8 24.7 37.1

125 20.7 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.440 ng/ul

RT: 26.177 min Scan# 5748

Delta R.T. -0.002 min

Lab File: BM039769.D

Acq: 29 Apr 2023 12:08

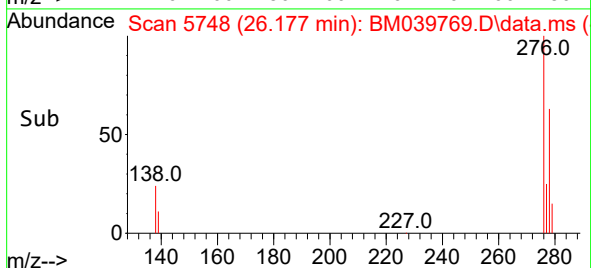
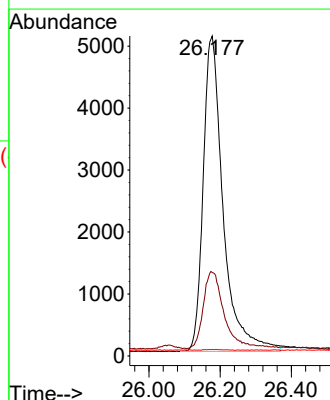
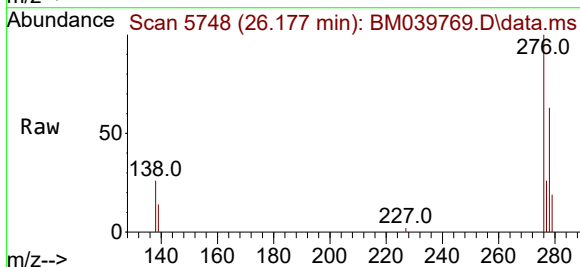
Tgt Ion:276 Resp: 19817

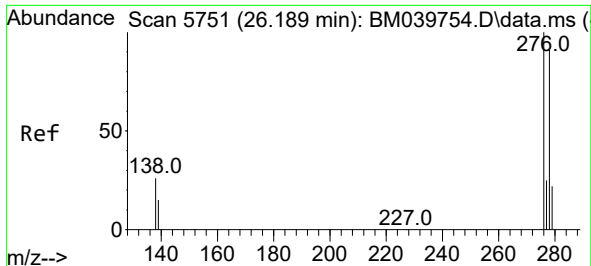
Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

227 0.1 0.1 0.1

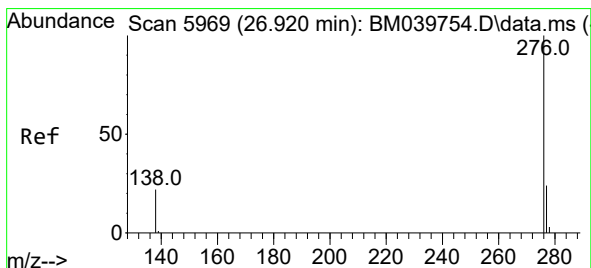
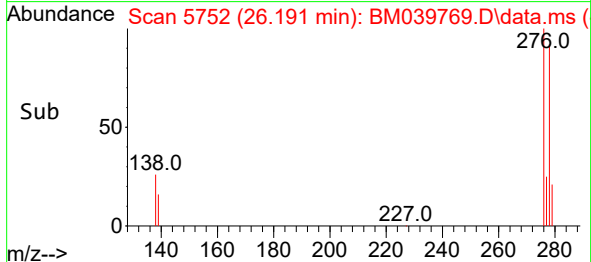
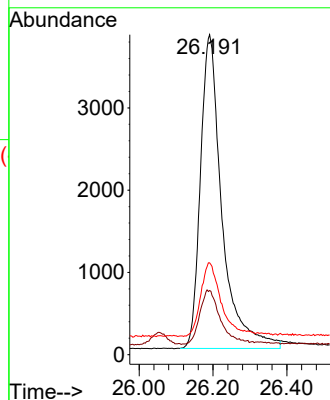
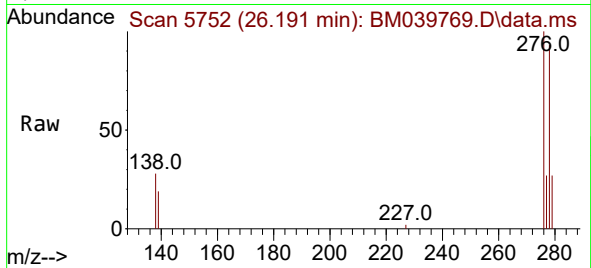




#28
 Dibenzo(a,h)anthracene
 Concen: 0.442 ng/ul
 RT: 26.191 min Scan# 51
 Delta R.T. 0.002 min
 Lab File: BM039769.D
 Acq: 29 Apr 2023 12:08

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP115

Tgt Ion:278 Resp: 15462
 Ion Ratio Lower Upper
 278 100
 139 20.0 17.0 25.6
 279 28.7 23.4 35.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.440 ng/ul
 RT: 26.919 min Scan# 5969
 Delta R.T. -0.002 min
 Lab File: BM039769.D
 Acq: 29 Apr 2023 12:08

Tgt Ion:276 Resp: 17275
 Ion Ratio Lower Upper
 276 100
 138 24.0 20.1 30.1
 277 25.0 20.1 30.1

