

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039338.D
 Acq On : 07 Apr 2023 04:36
 Operator : CG/JU
 Sample : PB151779BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS779

Quant Time: Apr 07 05:25:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 23:58:10 2023
 Response via : Initial Calibration

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

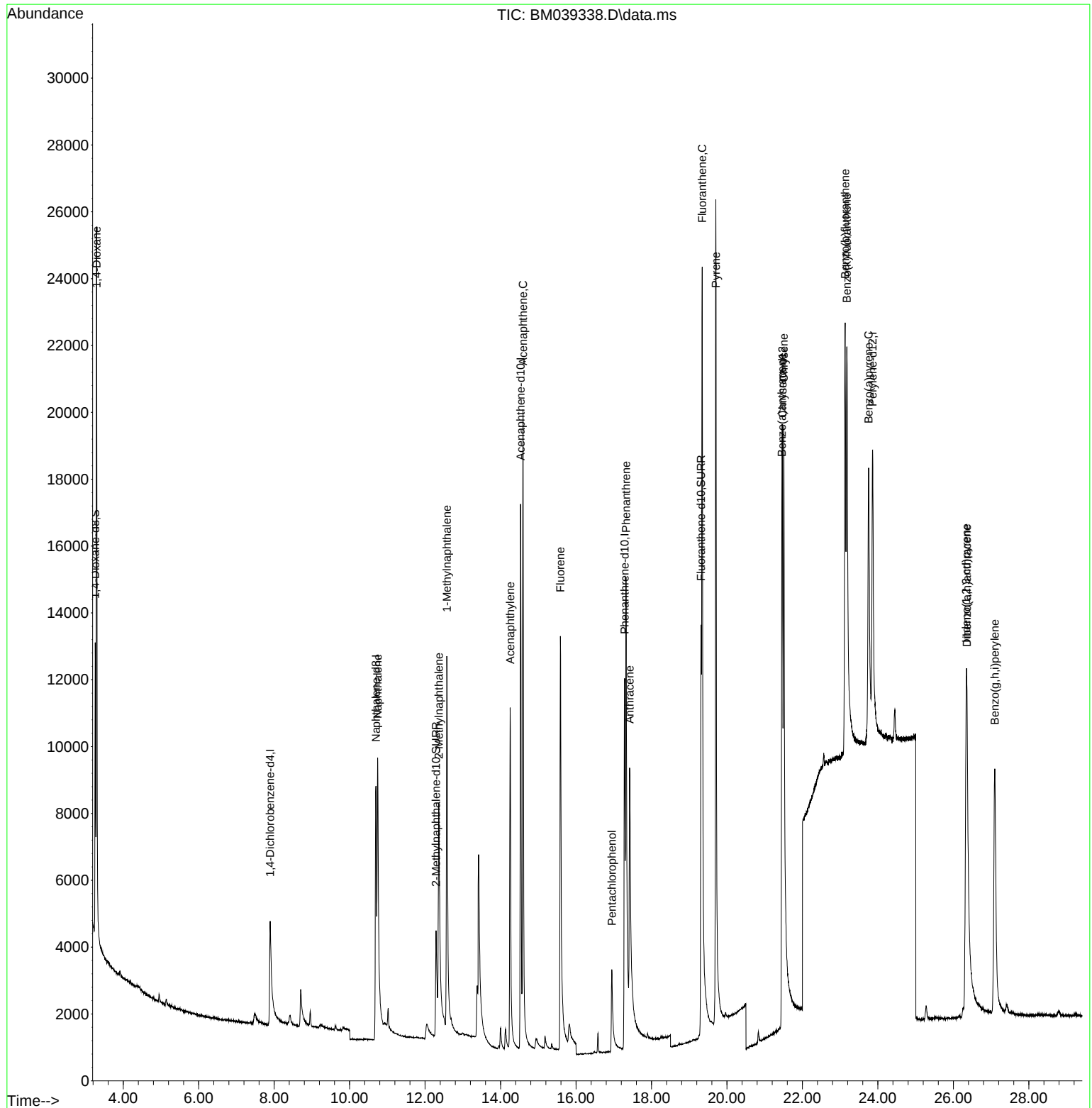
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3898	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	17890	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	10596	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	18079	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	15502	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	15030	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	5374	0.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	8373	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	19360	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	13863	1.794	ng/ul#	76
5) Naphthalene	10.746	128	16626	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.363	142	9511	0.398	ng/ul	99
8) 1-Methylnaphthalene	12.577	142	10713	0.396	ng/ul	99
10) Acenaphthylene	14.254	152	16080	0.391	ng/ul	99
11) Acenaphthene	14.592	153	12816	0.396	ng/ul	99
12) Fluorene	15.587	166	13217	0.410	ng/ul	99
14) Pentachlorophenol	16.949	266	3164	0.734	ng/ul#	82
15) Phenanthrene	17.325	178	19577	0.390	ng/ul	99
16) Anthracene	17.422	178	15327	0.401	ng/ul	99
19) Fluoranthene	19.343	202	25113	0.391	ng/ul	100
20) Pyrene	19.706	202	28800	0.391	ng/ul	99
21) Benzo(a)anthracene	21.454	228	16535	0.463	ng/ul	100
22) Chrysene	21.507	228	19610	0.447	ng/ul	99
24) Benzo(b)fluoranthene	23.132	252	20545	0.431	ng/ul	100
25) Benzo(k)fluoranthene	23.179	252	18992	0.418	ng/ul	98
26) Benzo(a)pyrene	23.755	252	19293	0.401	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.341	276	22403	0.370	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.361	278	16491	0.389	ng/ul	96
29) Benzo(g,h,i)perylene	27.099	276	20430	0.352	ng/ul	99

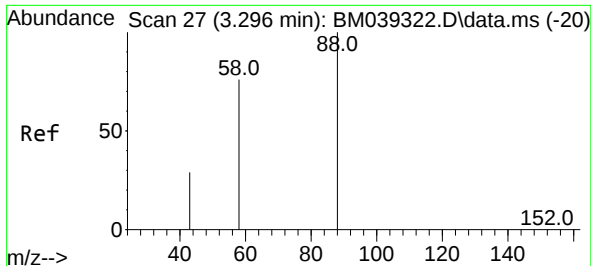
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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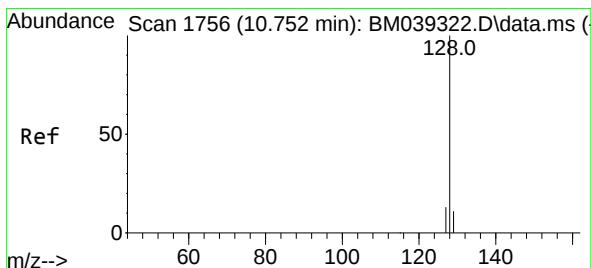
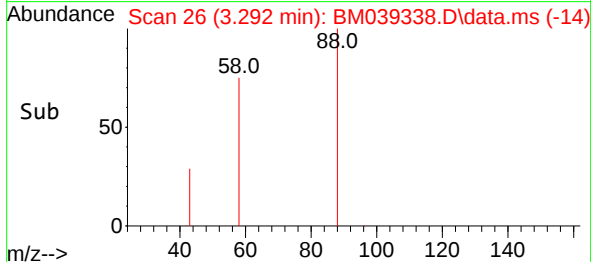
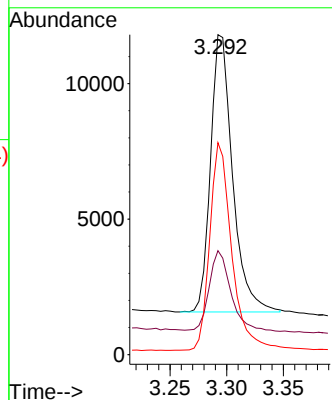
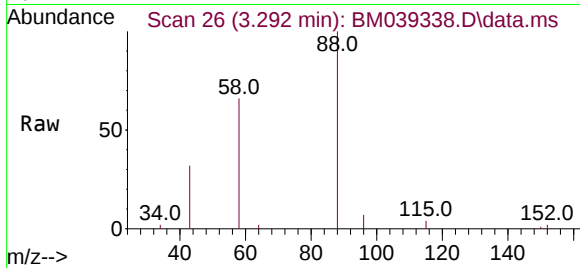




#2
1,4-Dioxane
Concen: 1.794 ng/ul
RT: 3.292 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

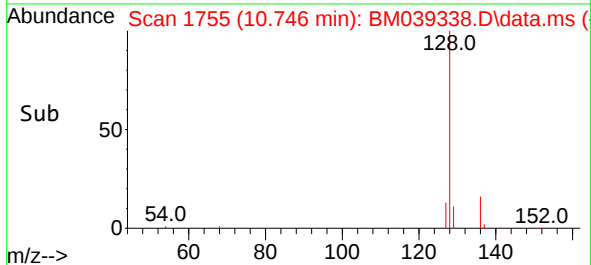
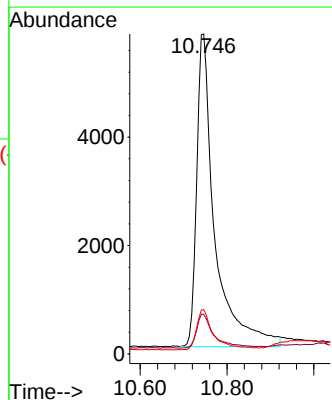
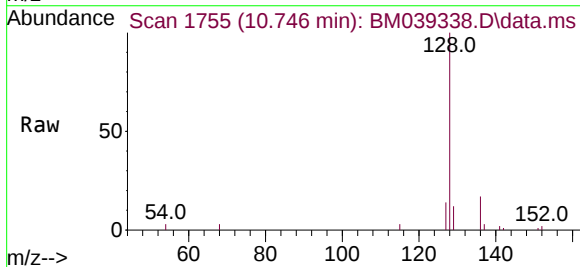
Instrument :
BNA_M
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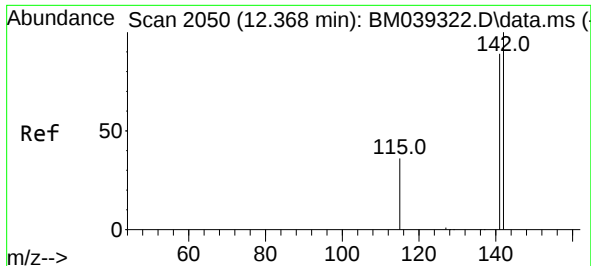
Tgt Ion: 88 Resp: 13863
Ion Ratio Lower Upper
88 100
43 32.5 30.6 45.8
58 66.2 34.1 51.1#



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion: 128 Resp: 16626
Ion Ratio Lower Upper
128 100
129 12.4 10.1 15.1
127 13.8 11.0 16.4

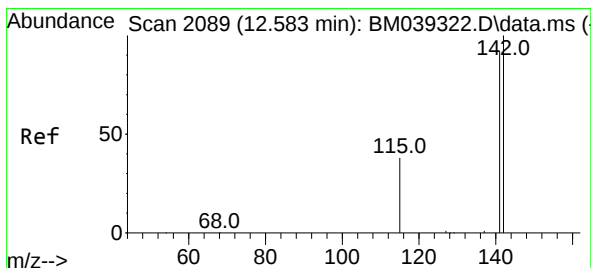
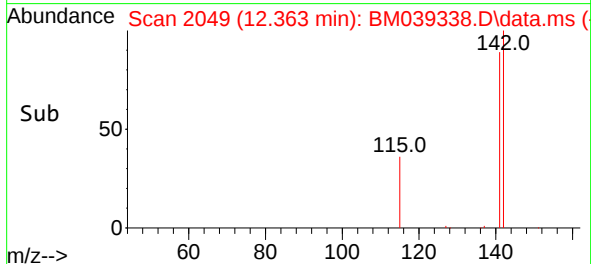
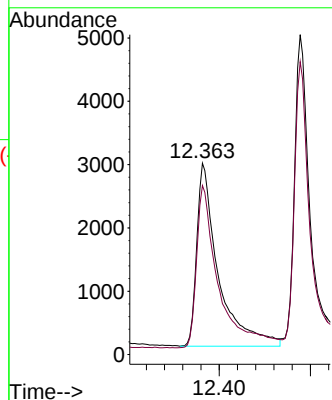
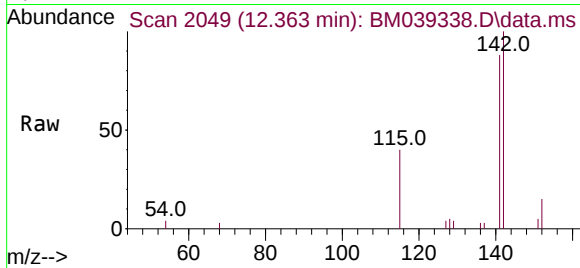




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.363 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

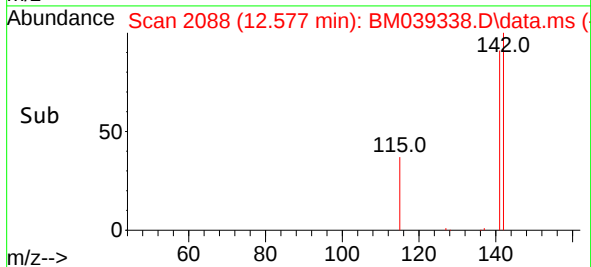
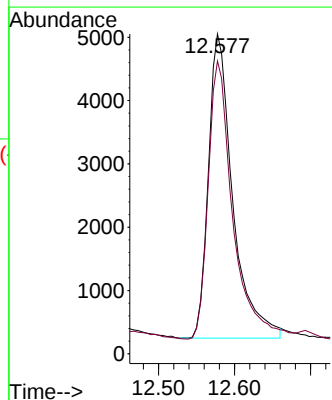
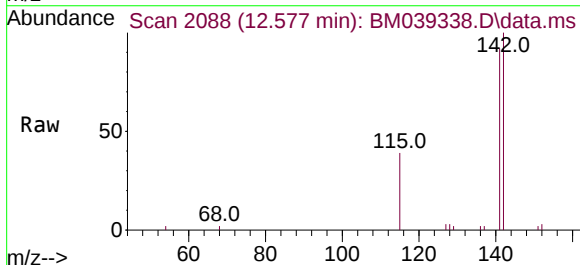
Instrument :
BNA_M
ClientSampleId :
SLCS779

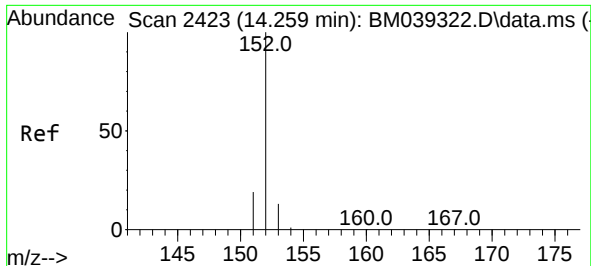
Tgt Ion:142 Resp: 9511
Ion Ratio Lower Upper
142 100
141 90.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:142 Resp: 10713
Ion Ratio Lower Upper
142 100
141 91.4 72.6 109.0

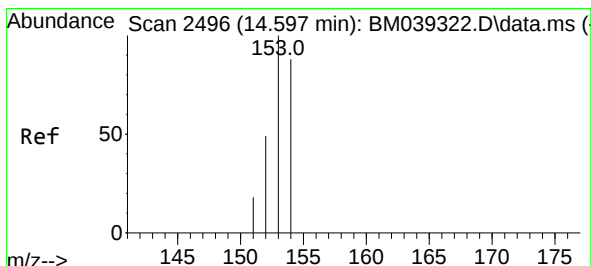
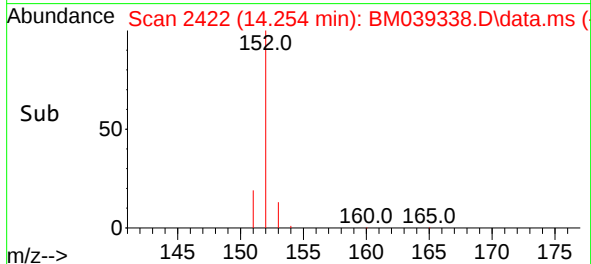
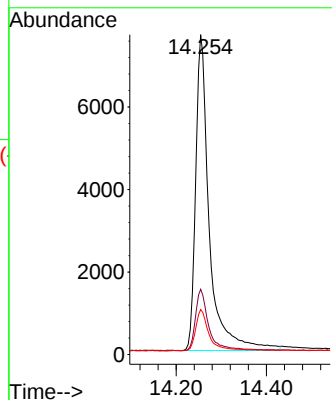
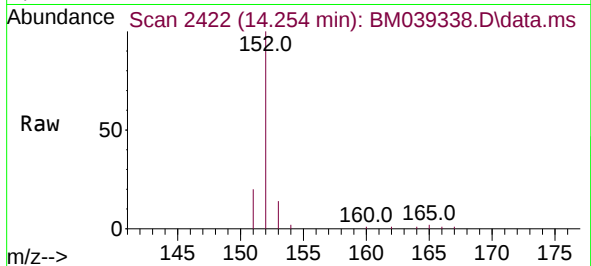




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

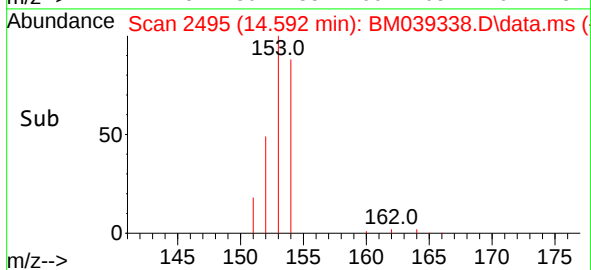
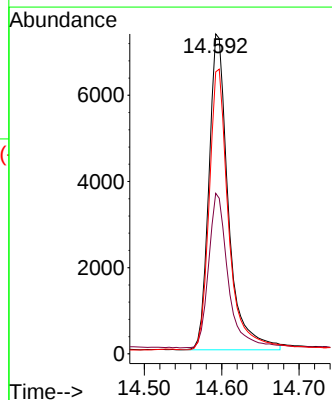
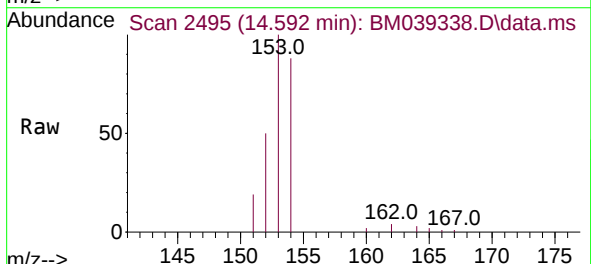
Instrument :
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ClientSampleId :
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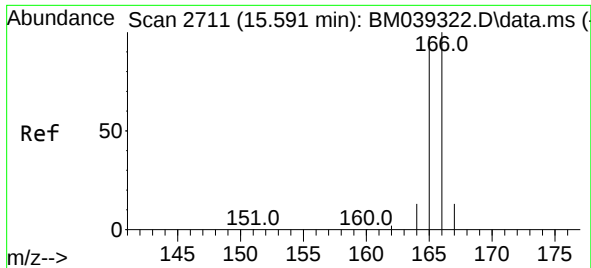
Tgt Ion:	152	Resp:	16080
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	14.1	11.6	17.4



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:	153	Resp:	12816
Ion Ratio	Lower	Upper	
153	100		
152	50.2	40.3	60.5
154	88.1	71.5	107.3

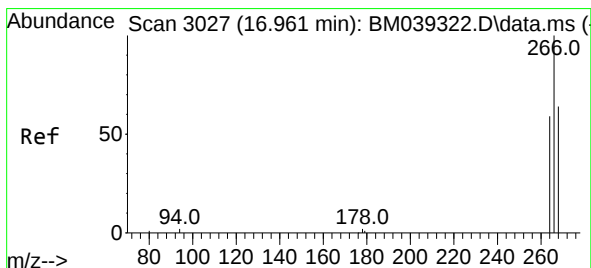
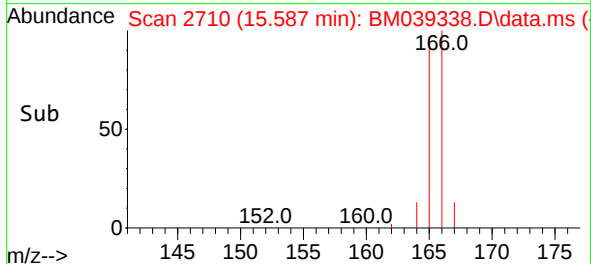
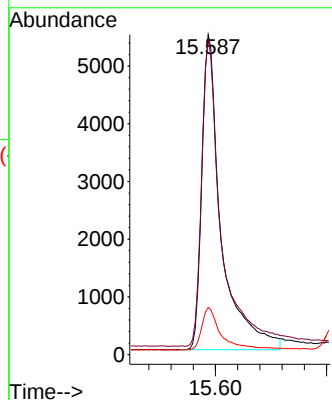
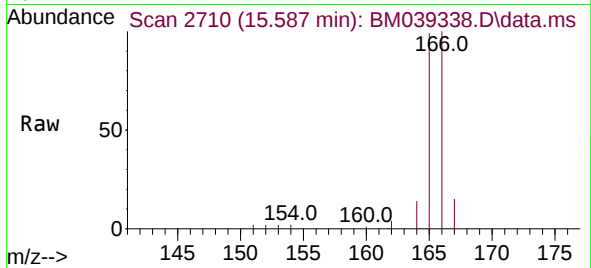




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

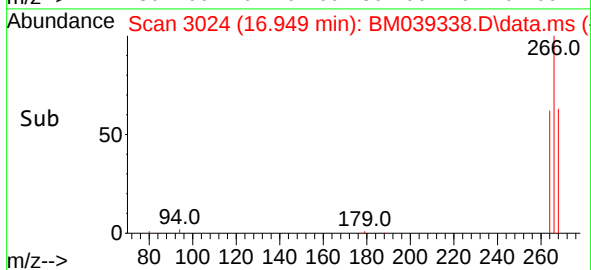
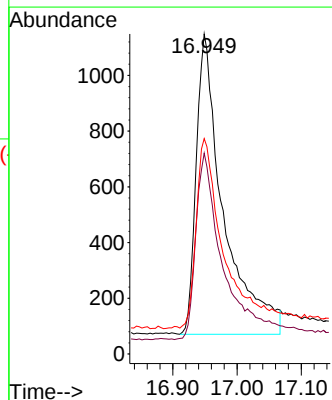
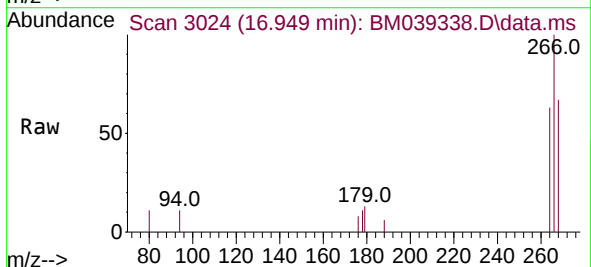
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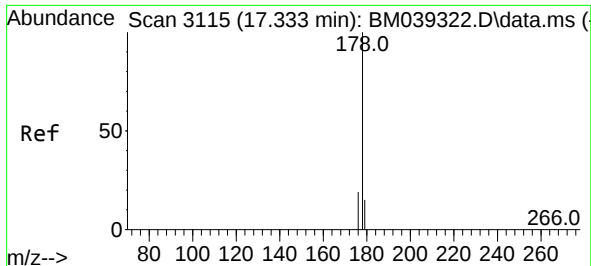
Tgt Ion:166 Resp: 13217
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.734 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:266 Resp: 3164
Ion Ratio Lower Upper
266 100
264 62.4 39.6 59.4#
268 65.2 42.4 63.6#

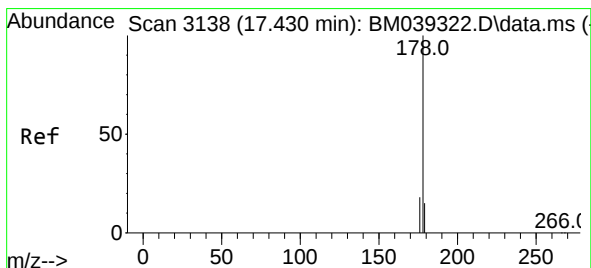
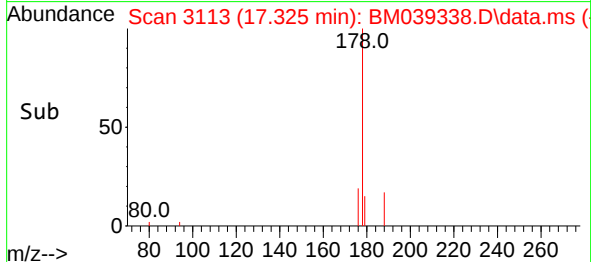
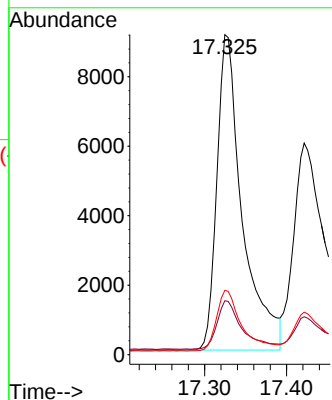
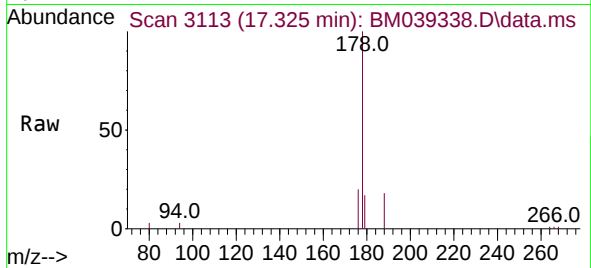




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.325 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

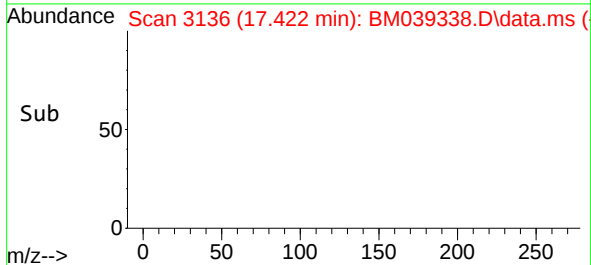
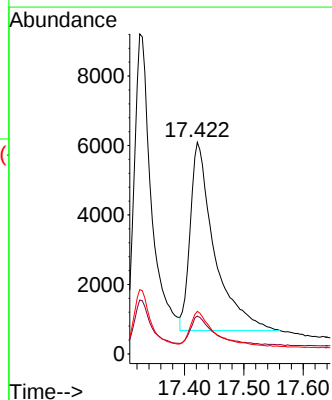
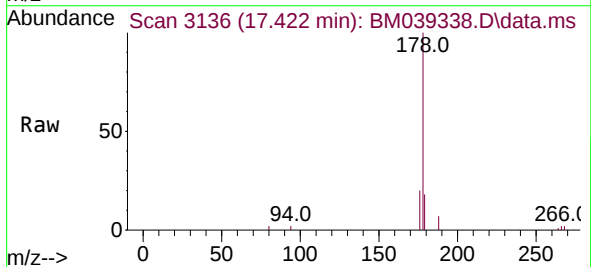
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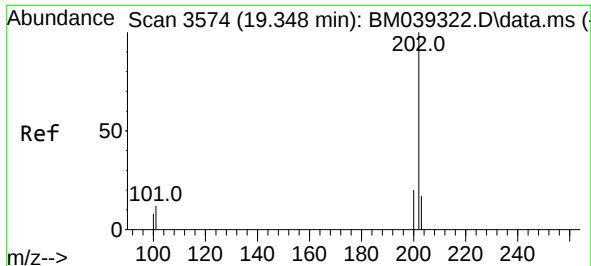
Tgt Ion:178 Resp: 19577
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.2
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:178 Resp: 15327
Ion Ratio Lower Upper
178 100
179 17.9 14.6 21.8
176 20.1 16.6 24.8

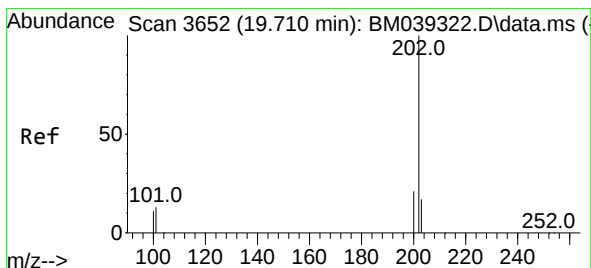
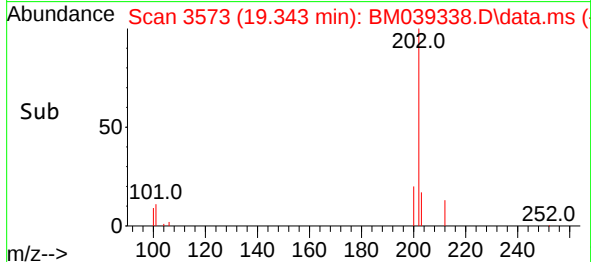
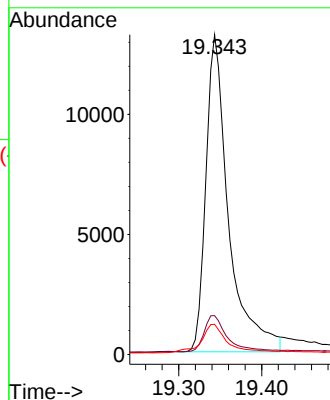
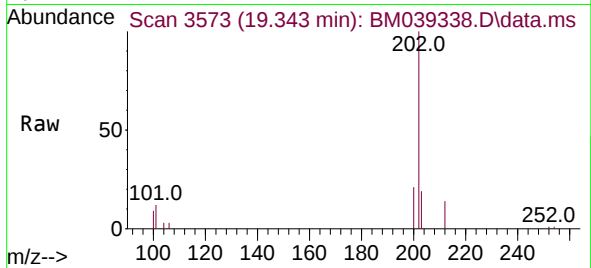




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

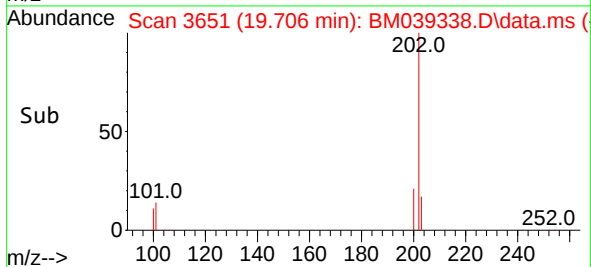
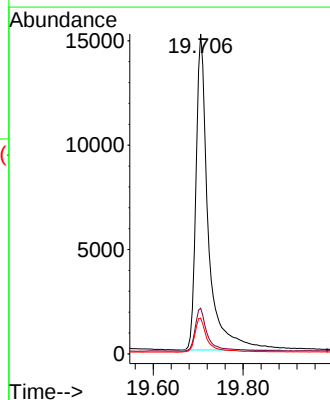
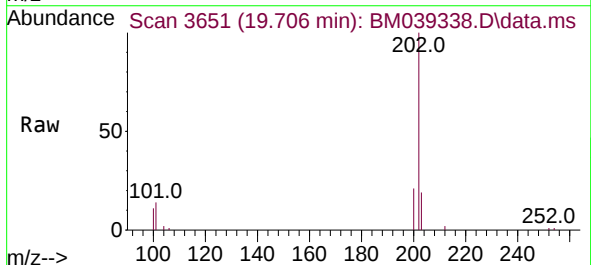
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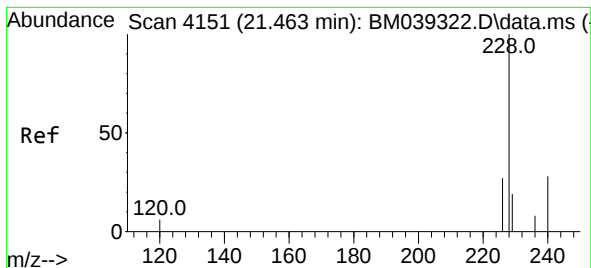
Tgt Ion:202 Resp: 25113
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.5 7.4 11.0



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:202 Resp: 28800
Ion Ratio Lower Upper
202 100
101 14.3 11.1 16.7
100 11.2 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.463 ng/ul

RT: 21.454 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM039338.D

Acq: 07 Apr 2023 04:36

Instrument :

BNA_M

ClientSampleId :

SLCS779

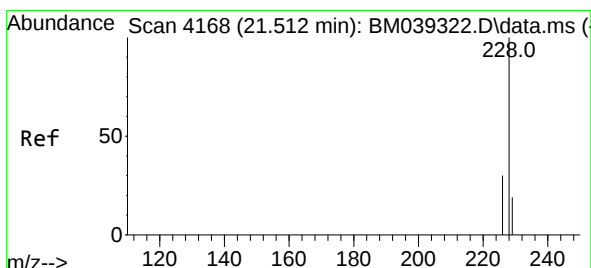
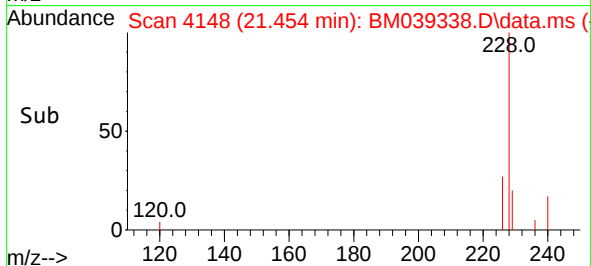
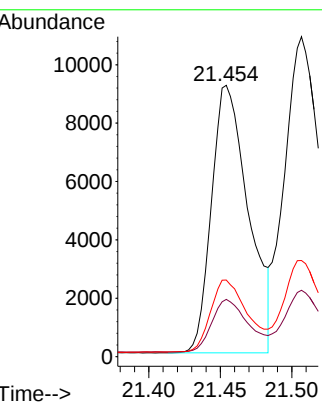
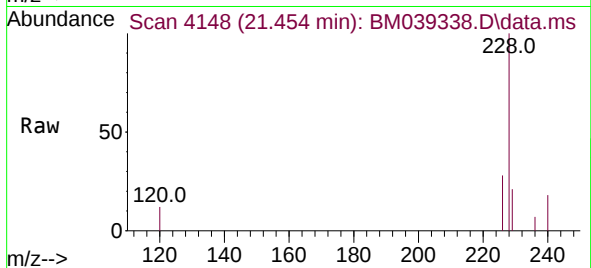
Tgt Ion:228 Resp: 16535

Ion Ratio Lower Upper

228 100

229 21.1 16.6 24.8

226 28.2 22.6 34.0



#22

Chrysene

Concen: 0.447 ng/ul

RT: 21.507 min Scan# 4166

Delta R.T. -0.003 min

Lab File: BM039338.D

Acq: 07 Apr 2023 04:36

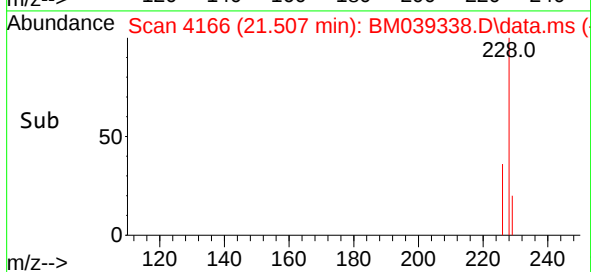
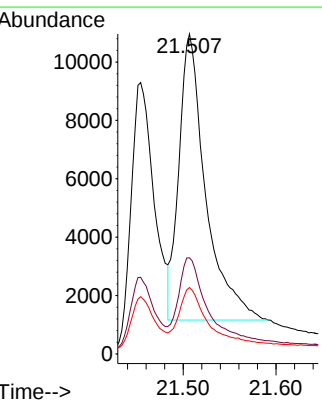
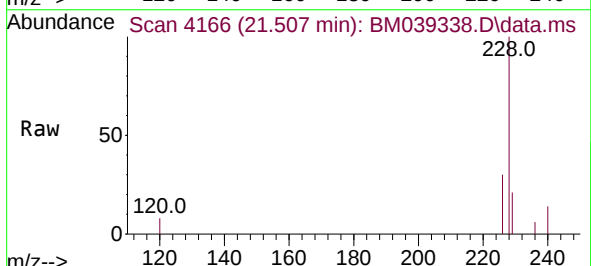
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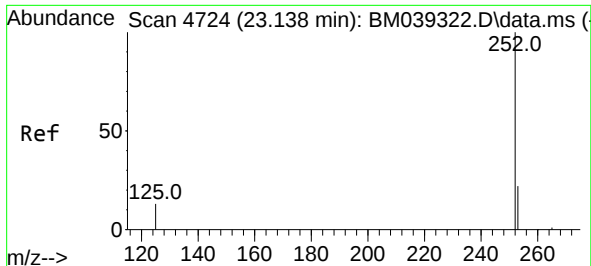
Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 20.7 16.2 24.4

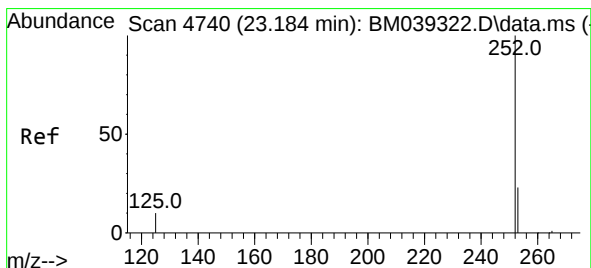
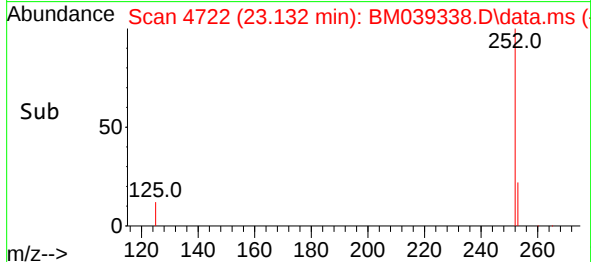
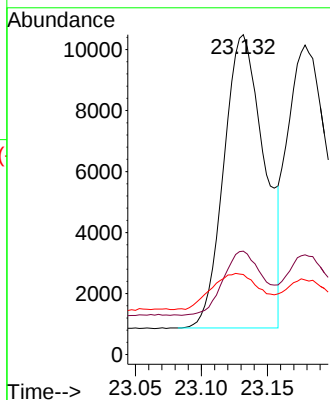
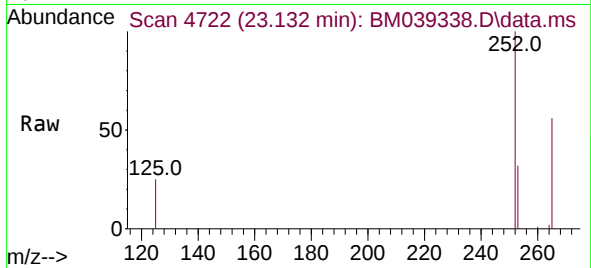




#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

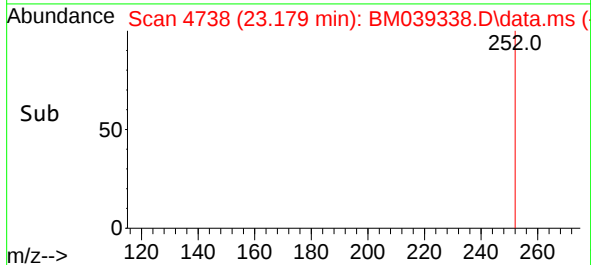
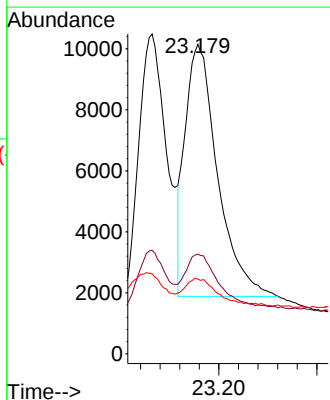
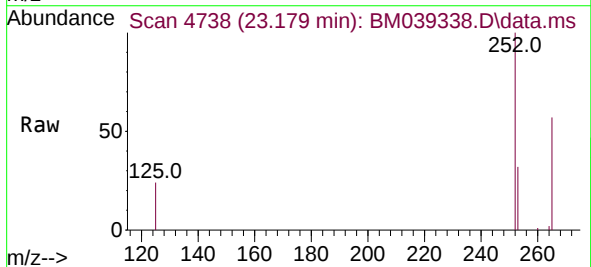
Instrument :
BNA_M
ClientSampleId :
SLCS779

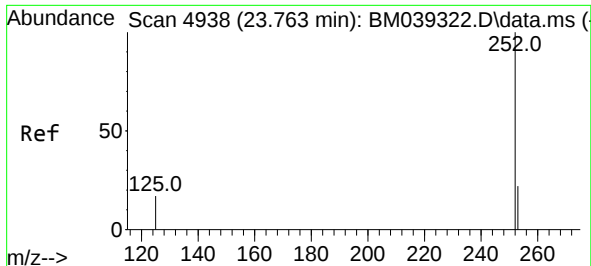
Tgt Ion:252	Resp:	20545
Ion Ratio	Lower	Upper
252	100	
253	32.3	0.0 64.4
125	25.0	0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.179 min Scan# 4738
Delta R.T. -0.006 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:252	Resp:	18992
Ion Ratio	Lower	Upper
252	100	
253	32.2	25.5 38.3
125	24.1	20.4 30.6

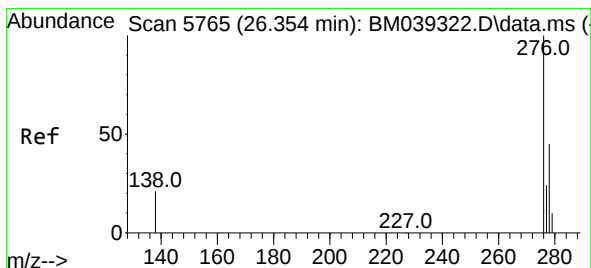
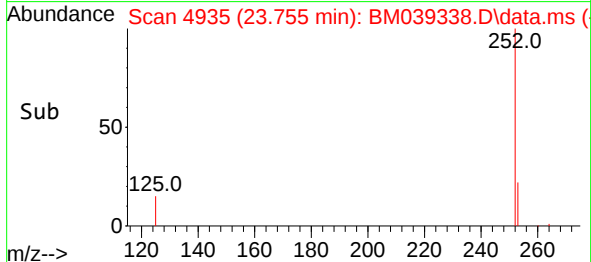
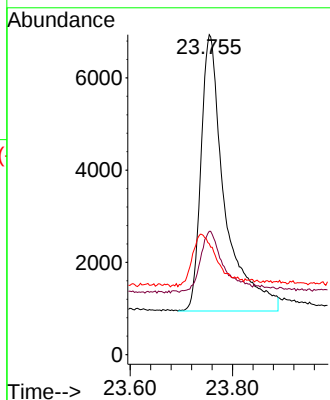
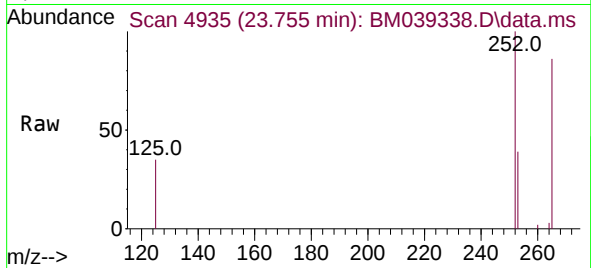




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.755 min Scan# 4938
Delta R.T. -0.009 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

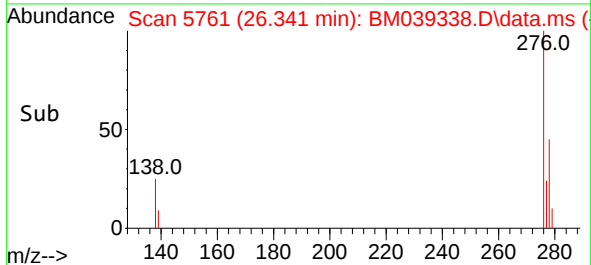
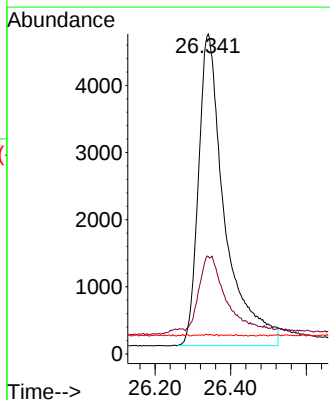
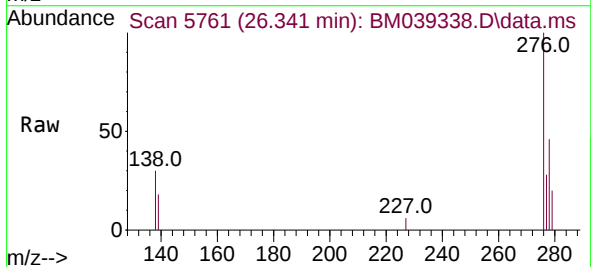
Instrument :
BNA_M
ClientSampleId :
SLCS779

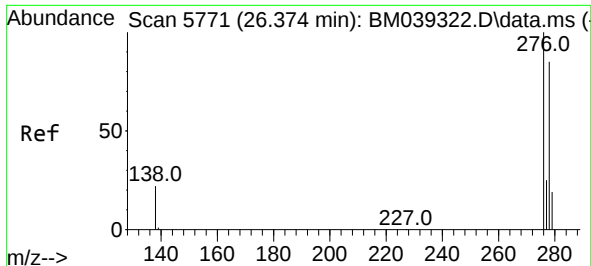
Tgt Ion:	252	Resp:	19293
Ion Ratio	Lower	Upper	
252	100		
253	38.5	31.0	46.4
125	34.7	28.2	42.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:	276	Resp:	22403
Ion Ratio	Lower	Upper	
276	100		
138	24.9	21.4	32.0
227	0.0	0.1	0.1

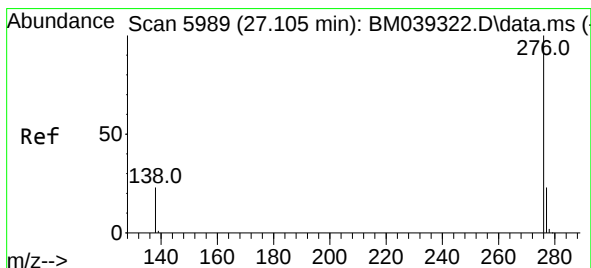
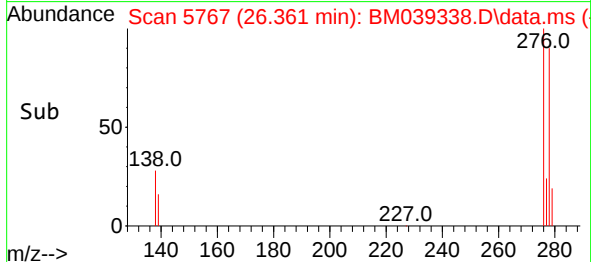
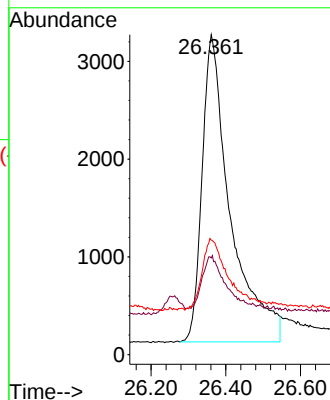
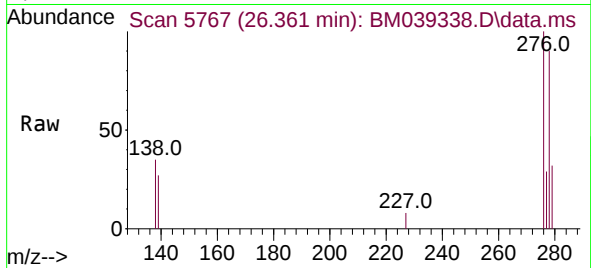




#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.361 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:278 Resp: 16491
Ion Ratio Lower Upper
278 100
139 30.2 21.8 32.6
279 35.8 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.099 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM039338.D
Acq: 07 Apr 2023 04:36

Tgt Ion:276 Resp: 20430
Ion Ratio Lower Upper
276 100
138 28.8 22.2 33.2
277 26.8 21.2 31.8

