

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039336.D
 Acq On : 07 Apr 2023 03:23
 Operator : CG/JU
 Sample : PB151749BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS749

Quant Time: Apr 07 03:54:48 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)

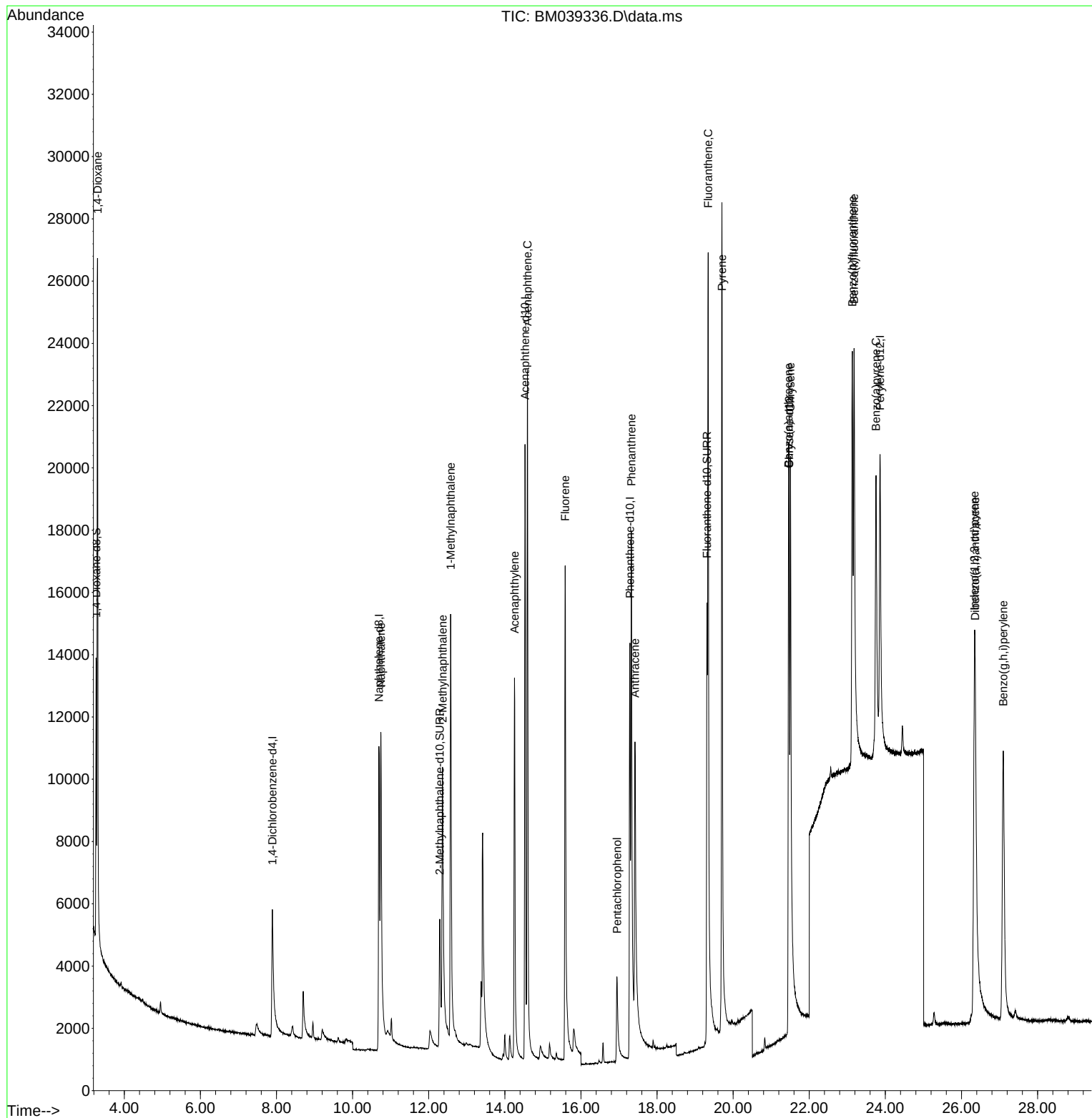
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4615	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	20805	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	12451	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	21555	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	16022	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	16635	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	5753	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	9923	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	21336	0.427	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	14152	1.547	ng/ul#	77
5) Naphthalene	10.741	128	19177	0.387	ng/ul	99
7) 2-Methylnaphthalene	12.363	142	11173	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.577	142	12486	0.397	ng/ul	99
10) Acenaphthylene	14.254	152	18756	0.388	ng/ul	99
11) Acenaphthene	14.592	153	14737	0.387	ng/ul	99
12) Fluorene	15.587	166	15519	0.410	ng/ul	100
14) Pentachlorophenol	16.949	266	3527	0.686	ng/ul#	83
15) Phenanthrene	17.325	178	22202	0.371	ng/ul	99
16) Anthracene	17.422	178	18181	0.399	ng/ul	98
19) Fluoranthene	19.343	202	27193	0.410	ng/ul	100
20) Pyrene	19.706	202	30418	0.400	ng/ul	100
21) Benzo(a)anthracene	21.454	228	17055	0.462	ng/ul	99
22) Chrysene	21.507	228	20295	0.448	ng/ul	98
24) Benzo(b)fluoranthene	23.132	252	21194	0.402	ng/ul	99
25) Benzo(k)fluoranthene	23.179	252	20301	0.403	ng/ul	99
26) Benzo(a)pyrene	23.754	252	20151	0.379	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.341	276	25798	0.385	ng/ul	98
28) Dibenzo(a,h)anthracene	26.361	278	19387	0.413	ng/ul	95
29) Benzo(g,h,i)perylene	27.099	276	23534	0.366	ng/ul	98

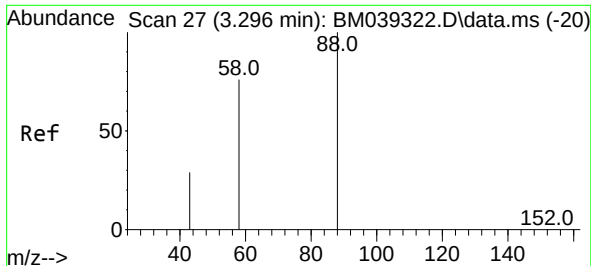
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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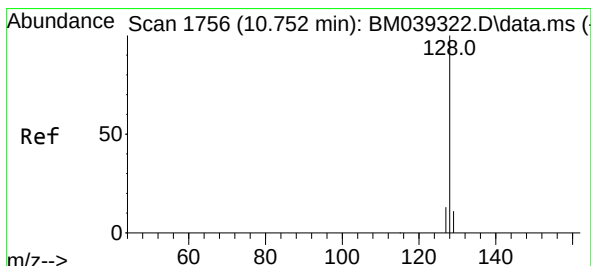
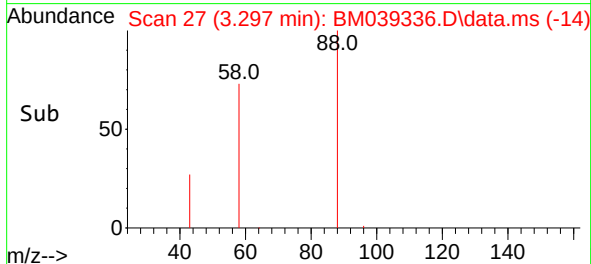
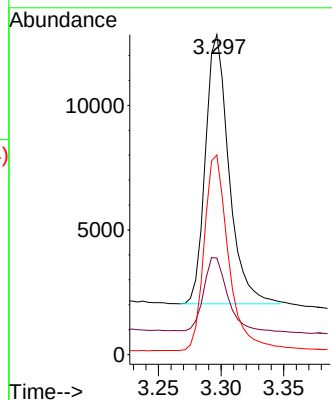
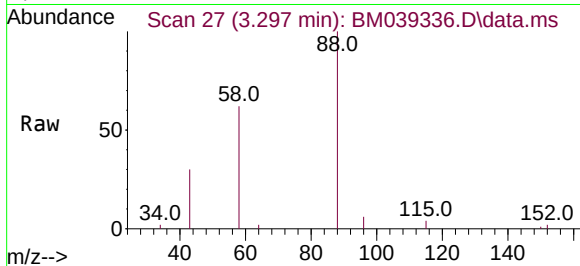




#2
1,4-Dioxane
Concen: 1.547 ng/ul
RT: 3.297 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

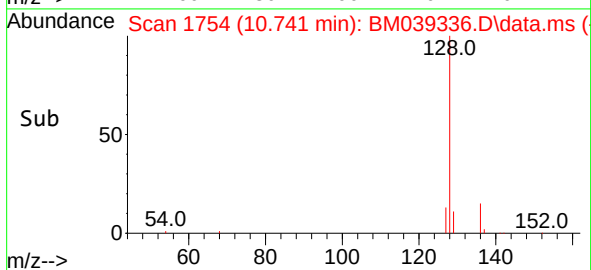
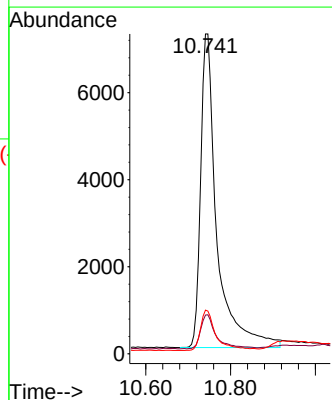
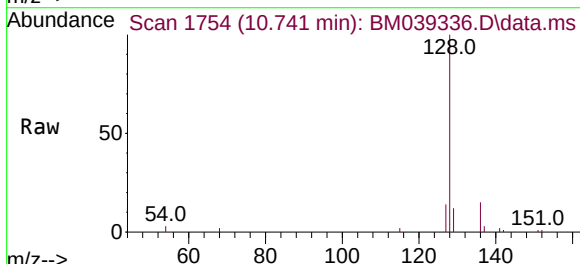
Instrument :
BNA_M
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SLCS749

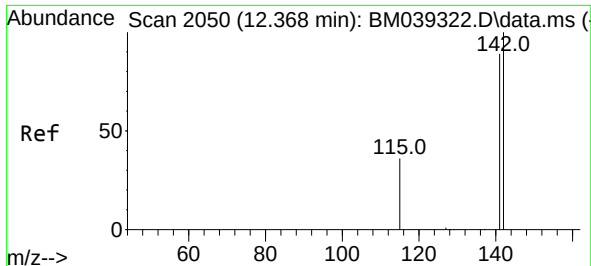
Tgt Ion: 88 Resp: 14152
Ion Ratio Lower Upper
88 100
43 30.2 30.6 45.8#
58 62.4 34.1 51.1#



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion: 128 Resp: 19177
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.7 11.0 16.4

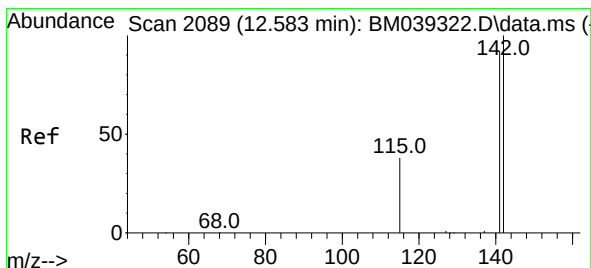
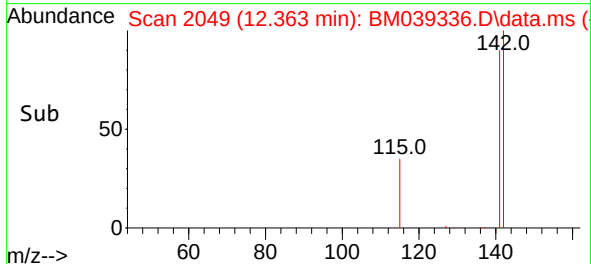
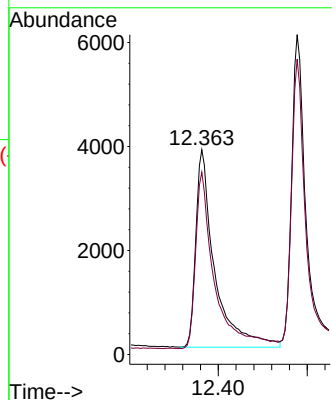
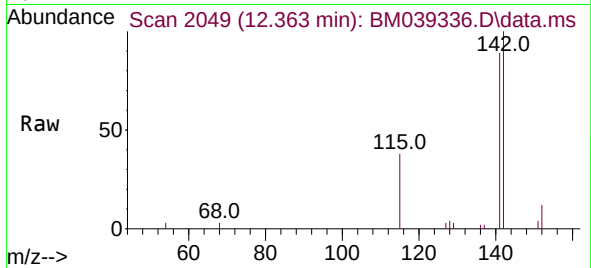




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

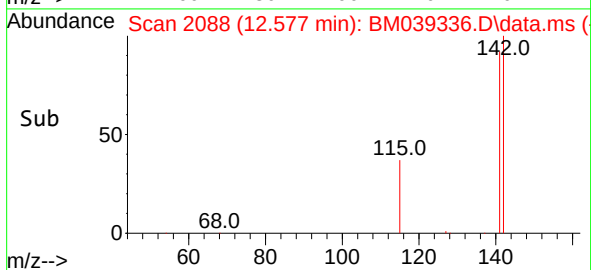
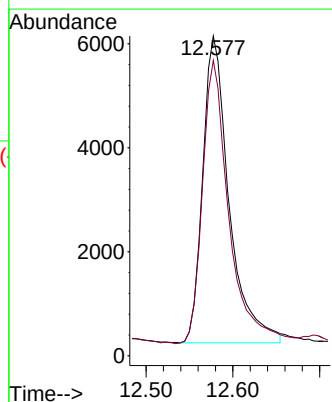
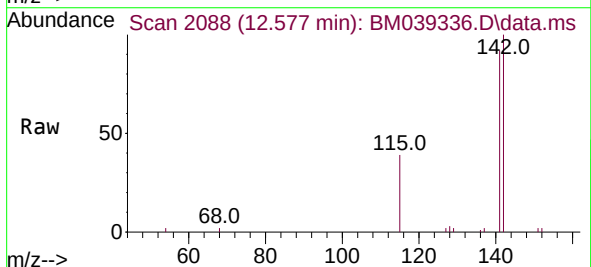
Instrument :
BNA_M
ClientSampleId :
SLCS749

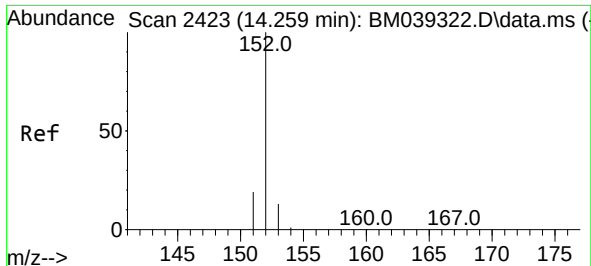
Tgt Ion:142 Resp: 11173
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:142 Resp: 12486
Ion Ratio Lower Upper
142 100
141 91.6 72.6 109.0

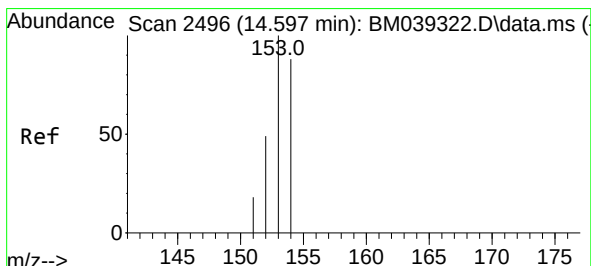
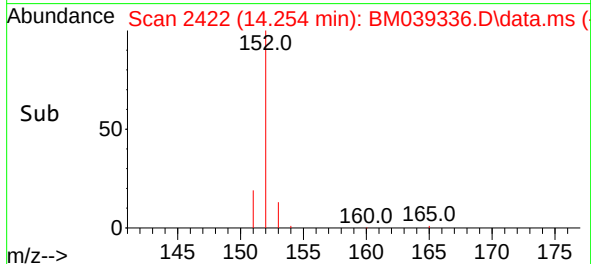
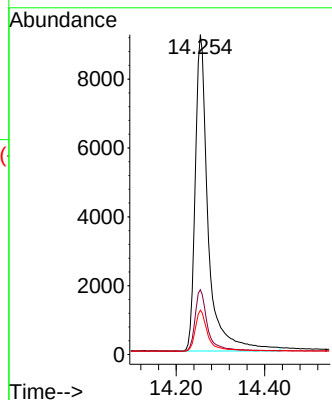
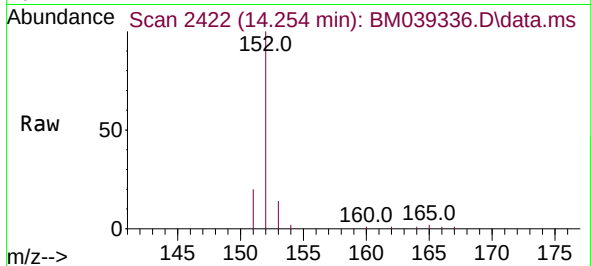




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

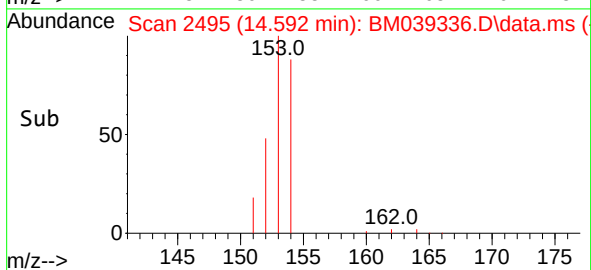
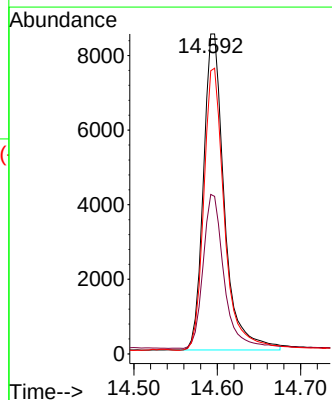
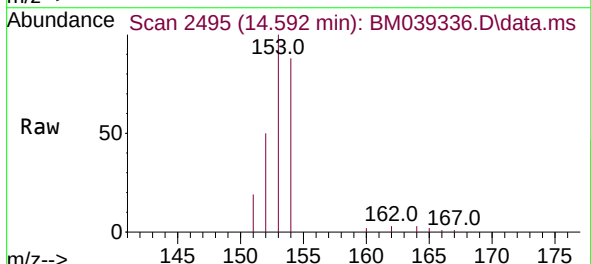
Instrument :
BNA_M
ClientSampleId :
SLCS749

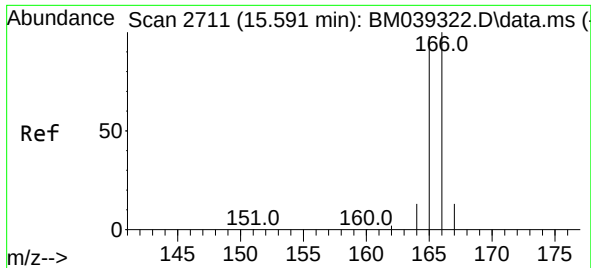
Tgt Ion:	152	Resp:	18756
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.9	11.6	17.4



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:	153	Resp:	14737
Ion Ratio	Lower	Upper	
153	100		
152	49.8	40.3	60.5
154	88.5	71.5	107.3

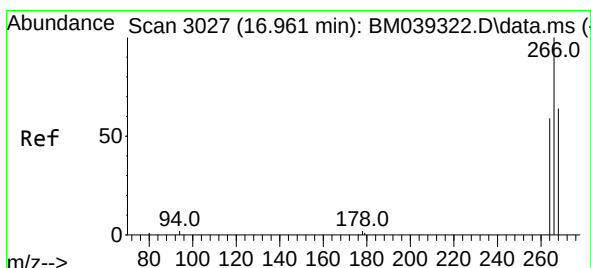
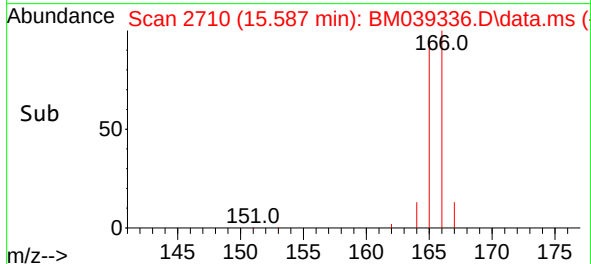
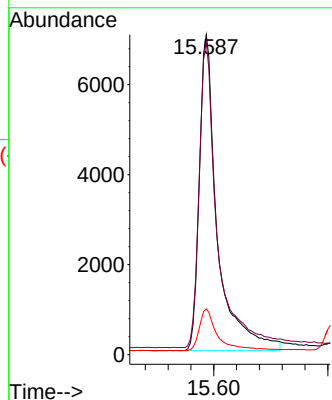
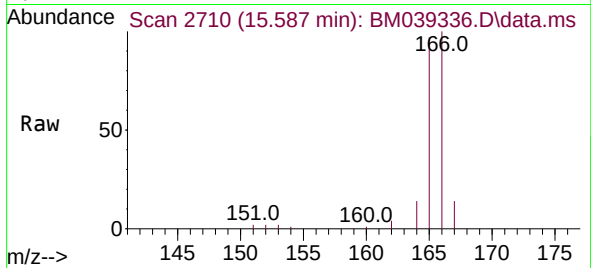




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

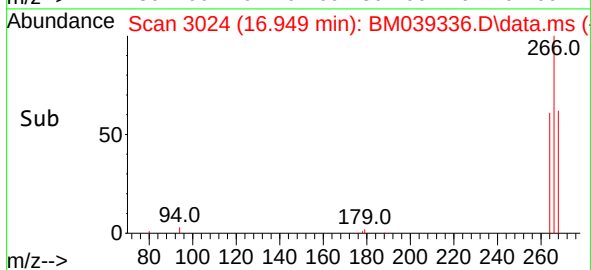
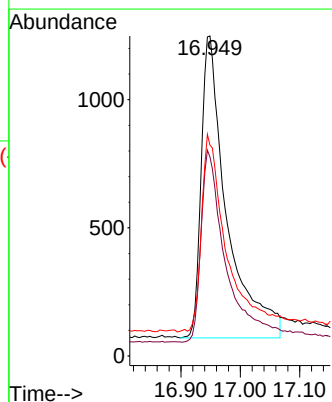
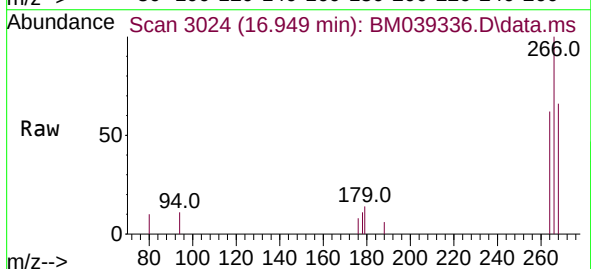
Instrument :
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ClientSampleId :
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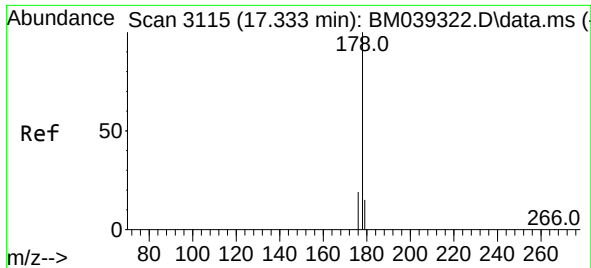
Tgt Ion:166 Resp: 15519
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:266 Resp: 3527
Ion Ratio Lower Upper
266 100
264 62.3 39.6 59.4#
268 64.5 42.4 63.6#

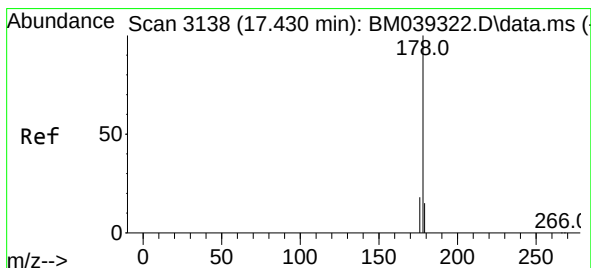
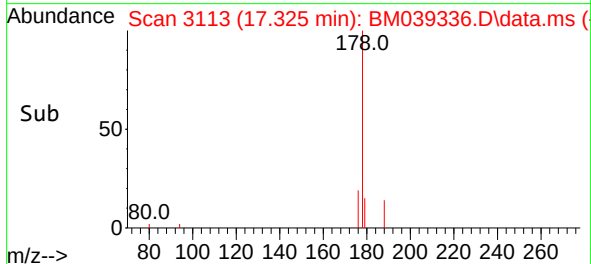
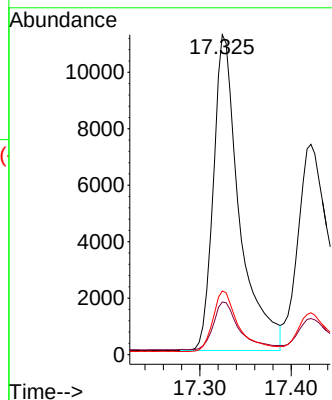
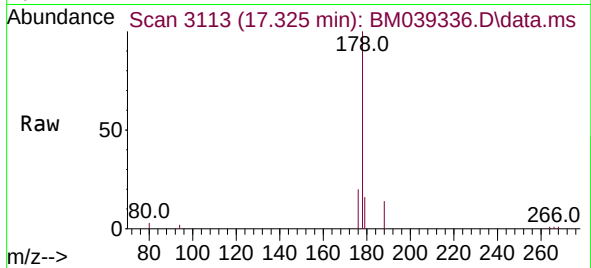




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.325 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

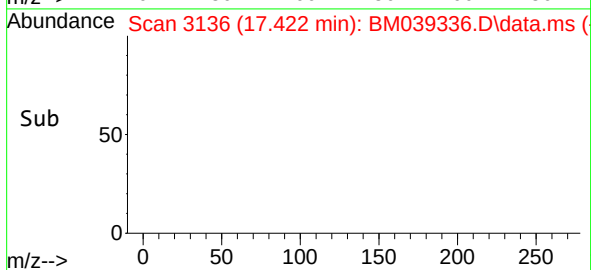
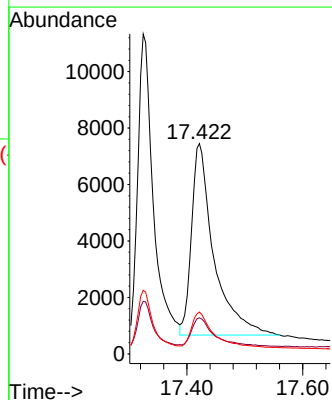
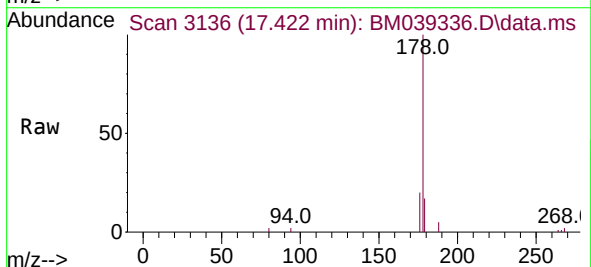
Instrument :
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ClientSampleId :
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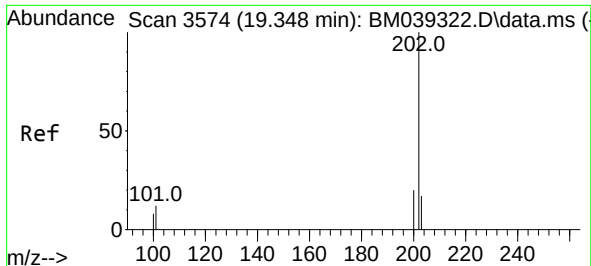
Tgt Ion:	178	Resp:	22202
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.4	20.2
176	19.9	15.8	23.6



#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:	178	Resp:	18181
Ion Ratio	Lower	Upper	
178	100		
179	17.2	14.6	21.8
176	19.9	16.6	24.8

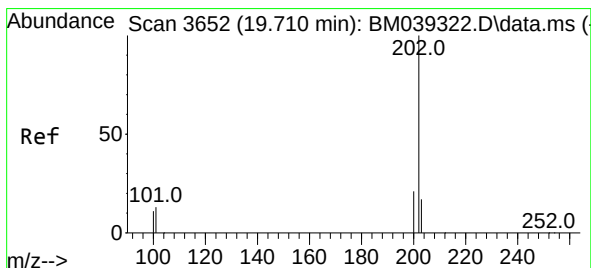
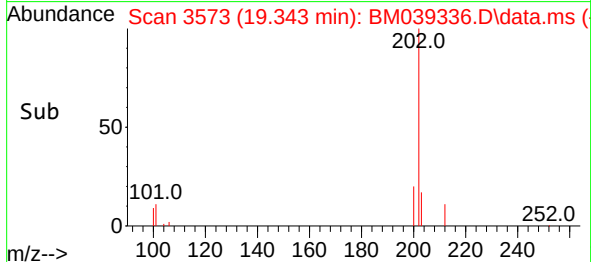
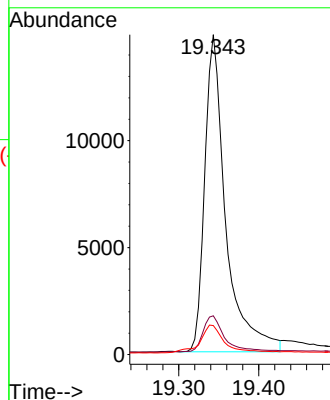
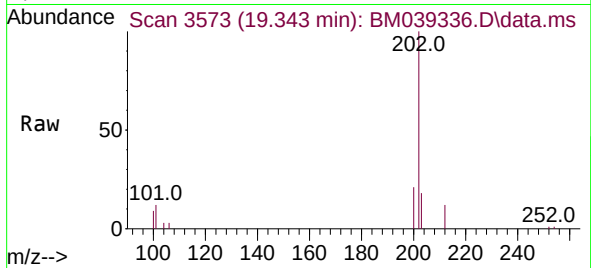




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.343 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

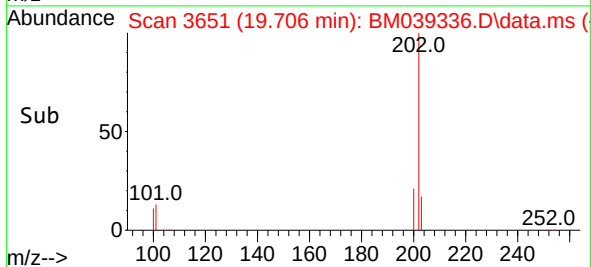
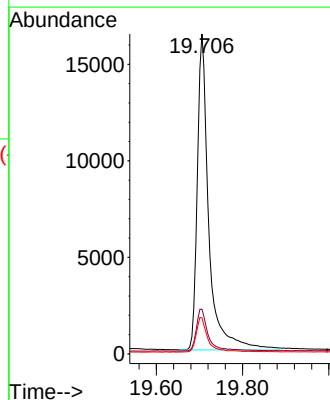
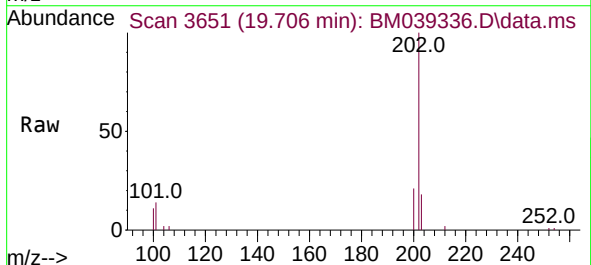
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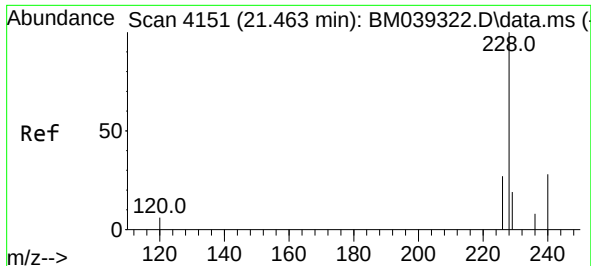
Tgt Ion:202 Resp: 27193
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.1 7.4 11.0



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:202 Resp: 30418
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 11.3 8.8 13.2

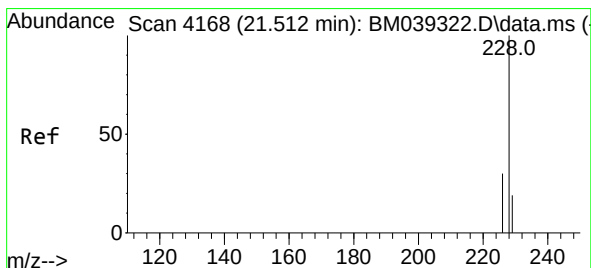
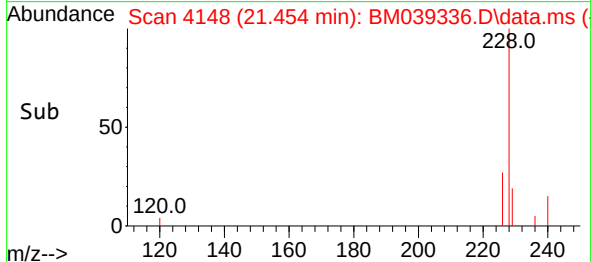
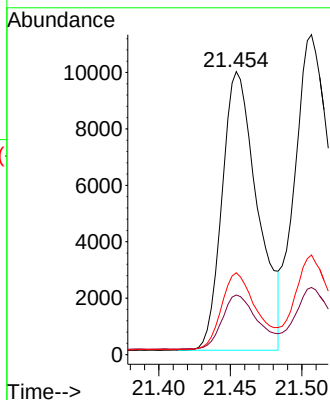
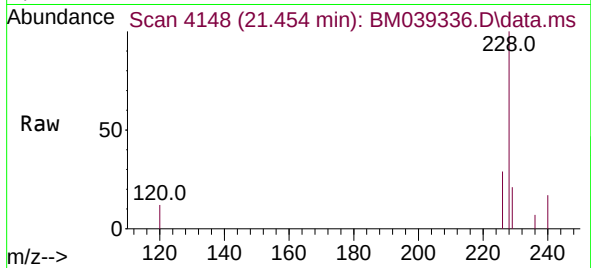




#21
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.454 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

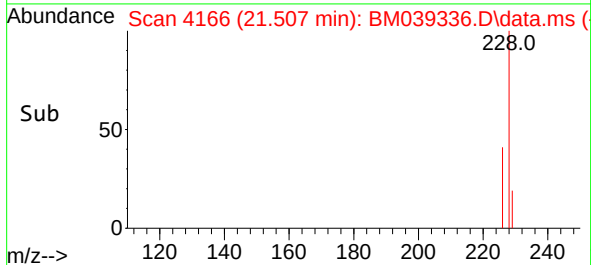
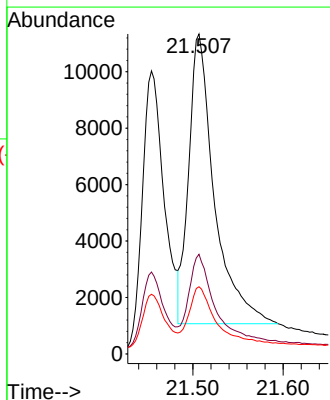
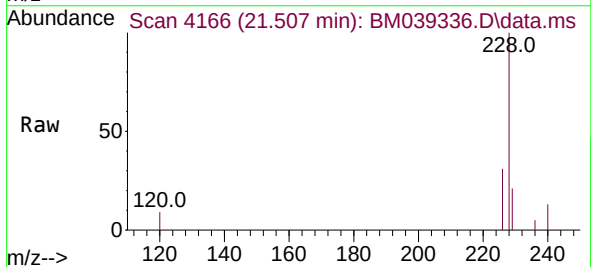
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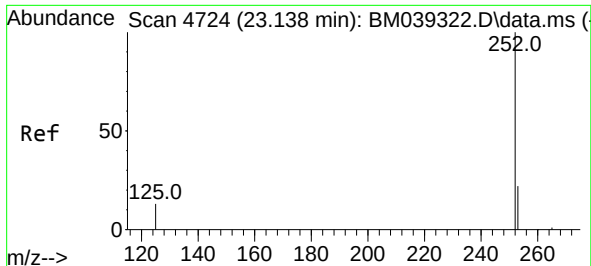
Tgt Ion:228 Resp: 17055
Ion Ratio Lower Upper
228 100
229 21.0 16.6 24.8
226 28.9 22.6 34.0



#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:228 Resp: 20295
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 21.0 16.2 24.4

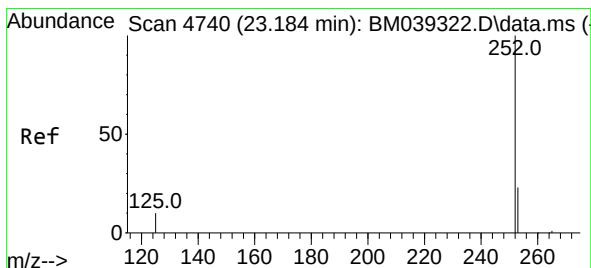
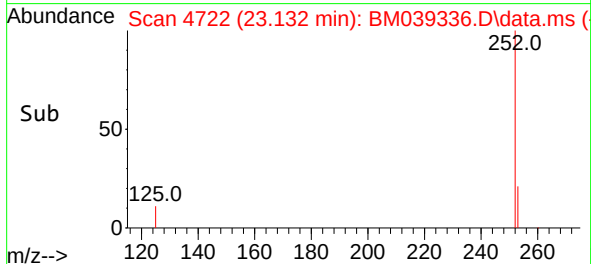
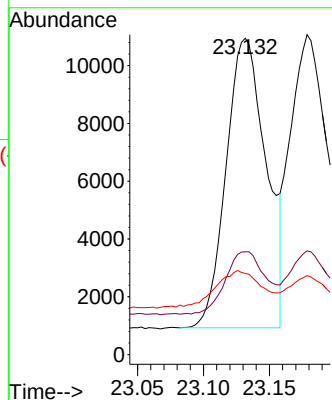
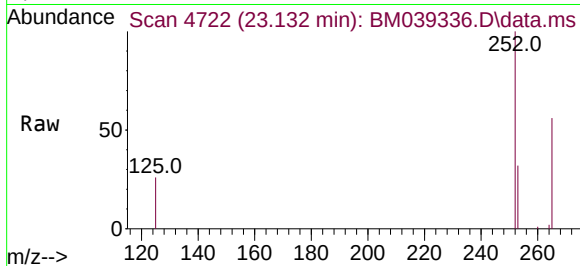




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

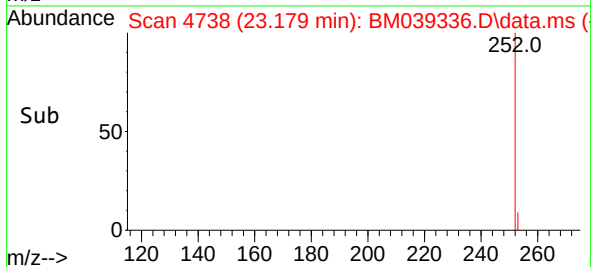
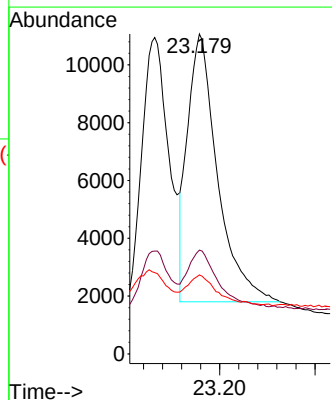
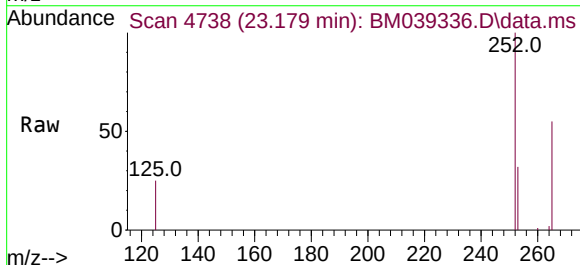
Instrument :
BNA_M
ClientSampleId :
SLCS749

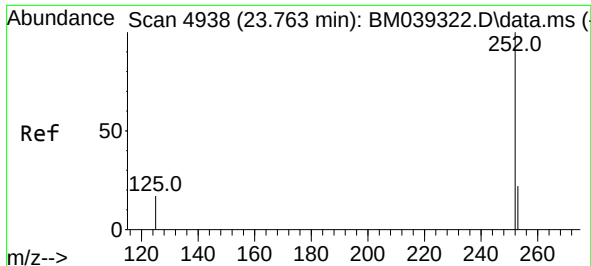
Tgt Ion:252 Resp: 21194
Ion Ratio Lower Upper
252 100
253 32.5 0.0 64.4
125 25.7 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 23.179 min Scan# 4738
Delta R.T. -0.006 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:252 Resp: 20301
Ion Ratio Lower Upper
252 100
253 32.4 25.5 38.3
125 24.7 20.4 30.6

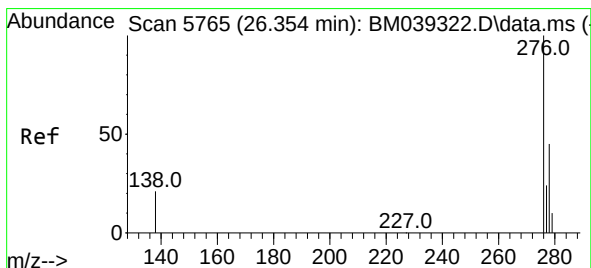
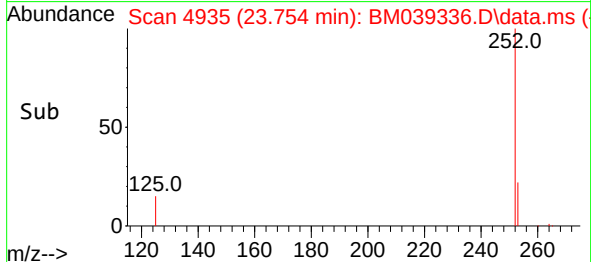
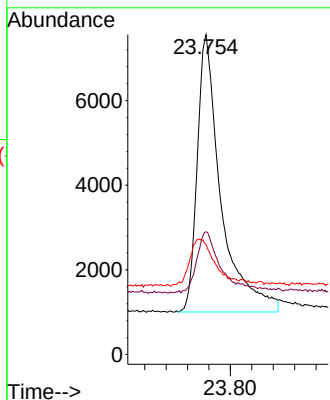
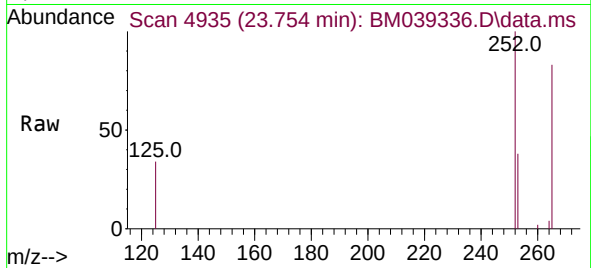




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.754 min Scan# 4938
Delta R.T. -0.009 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

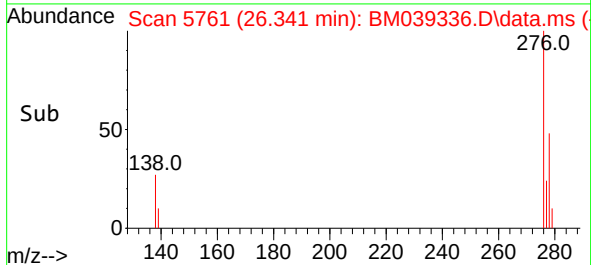
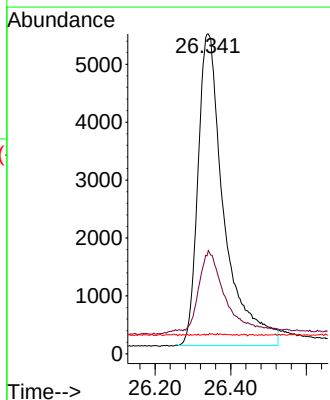
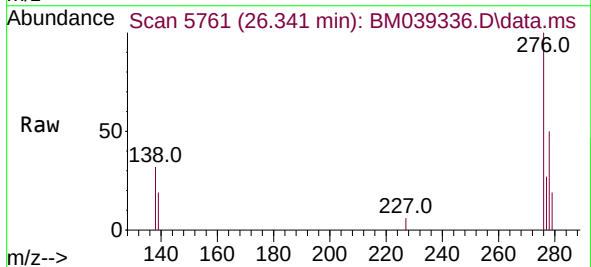
Instrument :
BNA_M
ClientSampleId :
SLCS749

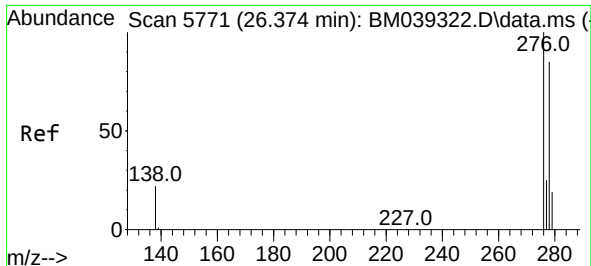
Tgt Ion:	252	Resp:	20151
Ion Ratio	Lower	Upper	
252	100		
253	38.4	31.0	46.4
125	34.4	28.2	42.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:	276	Resp:	25798
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.4	32.0
227	0.1	0.1	0.1

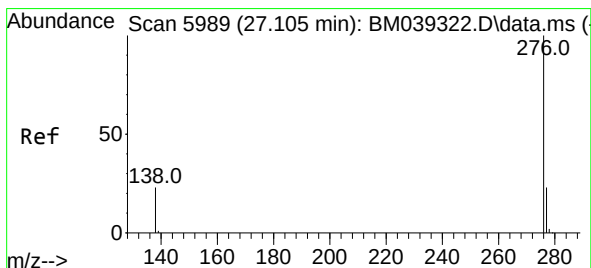
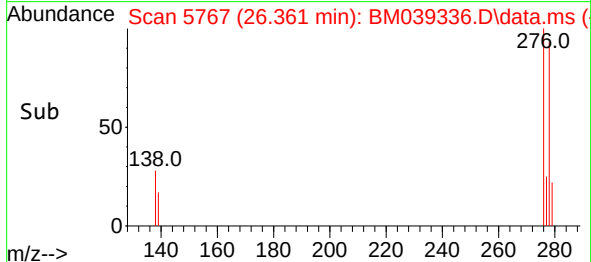
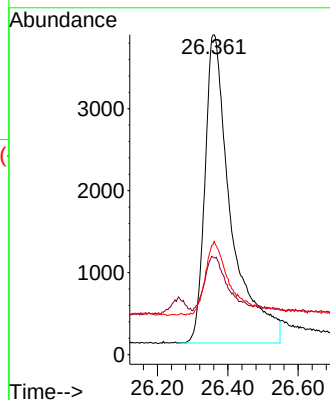
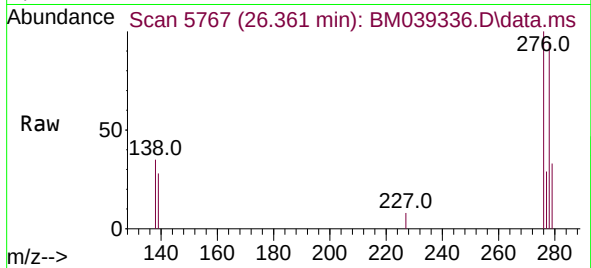




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.361 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Instrument :
BNA_M
ClientSampleId :
SLCS749

Tgt Ion:278 Resp: 19387
Ion Ratio Lower Upper
278 100
139 30.3 21.8 32.6
279 35.4 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 27.099 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM039336.D
Acq: 07 Apr 2023 03:23

Tgt Ion:276 Resp: 23534
Ion Ratio Lower Upper
276 100
138 29.6 22.2 33.2
277 26.6 21.2 31.8

