

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039322.D
 Acq On : 06 Apr 2023 18:35
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4079

Quant Time: Apr 07 02:17:01 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)

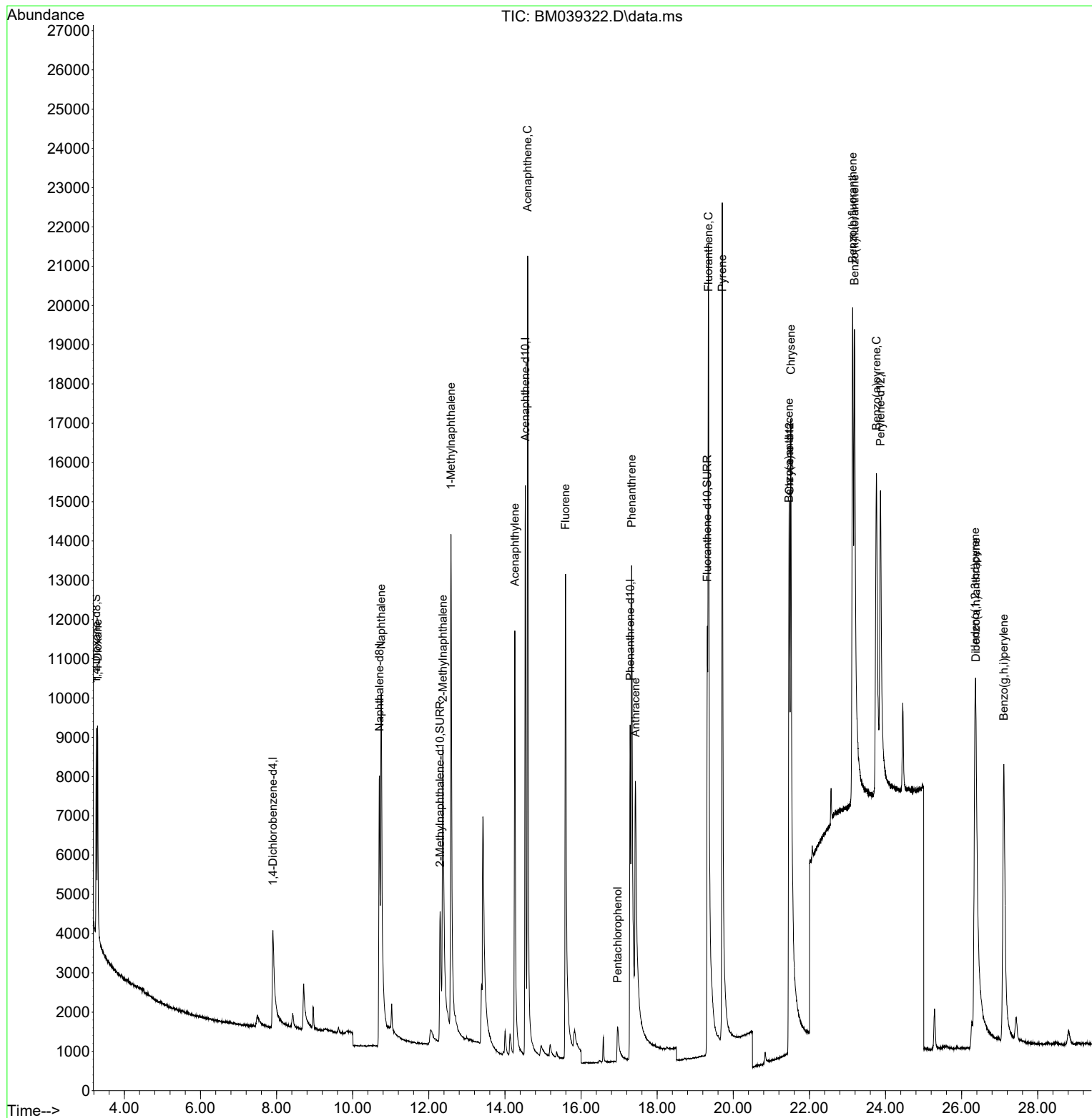
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	3372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	16899	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.537	164	9900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	15129	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	13496	0.400	ng/ul #	0.00
23) Perylene-d12	23.868	264	13895	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	3253	0.521	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	9432	0.483	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	18653	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	3599	0.538	ng/ul#	91
5) Naphthalene	10.752	128	18707	0.465	ng/ul	100
7) 2-Methylnaphthalene	12.368	142	10558	0.468	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	12066	0.472	ng/ul	99
10) Acenaphthylene	14.259	152	17636	0.459	ng/ul	99
11) Acenaphthene	14.597	153	14279	0.472	ng/ul	99
12) Fluorene	15.591	166	14171	0.470	ng/ul	99
14) Pentachlorophenol	16.961	266	1473	0.408	ng/ul#	81
15) Phenanthrene	17.333	178	19220	0.458	ng/ul	99
16) Anthracene	17.430	178	13972	0.437	ng/ul	98
19) Fluoranthene	19.348	202	24262	0.434	ng/ul	99
20) Pyrene	19.710	202	28414	0.444	ng/ul	99
21) Benzo(a)anthracene	21.463	228	13835	0.445	ng/ul	99
22) Chrysene	21.512	228	18391	0.482	ng/ul	100
24) Benzo(b)fluoranthene	23.138	252	20571	0.467	ng/ul	97
25) Benzo(k)fluoranthene	23.184	252	19653	0.468	ng/ul	95
26) Benzo(a)pyrene	23.763	252	20486	0.461	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.354	276	22997	0.411	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.374	278	16339	0.417	ng/ul	93
29) Benzo(g,h,i)perylene	27.105	276	21160	0.394	ng/ul	98

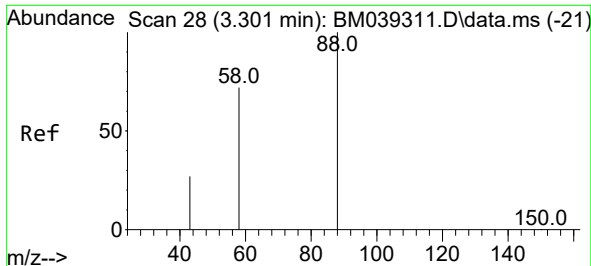
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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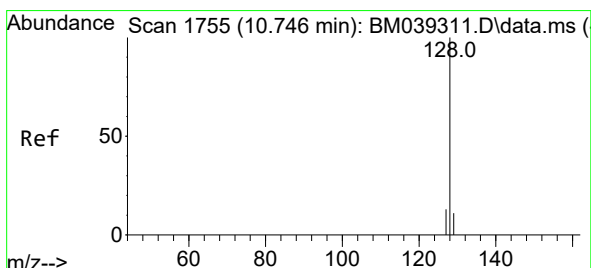
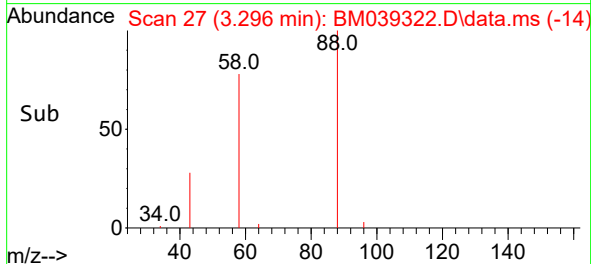
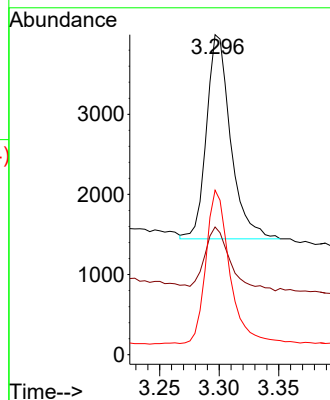
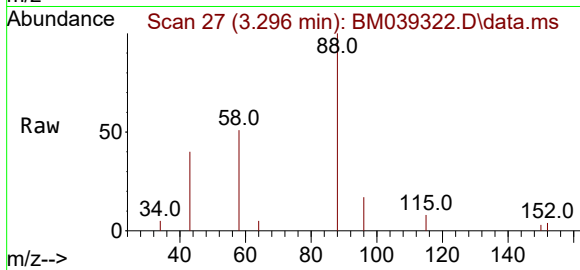




#2
1,4-Dioxane
Concen: 0.538 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

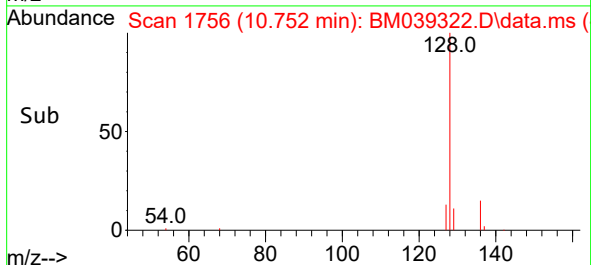
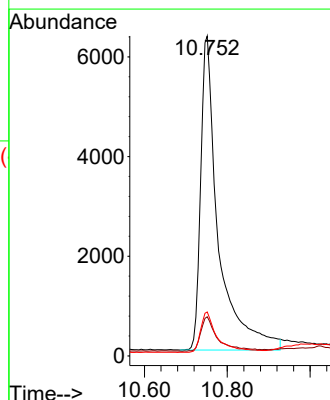
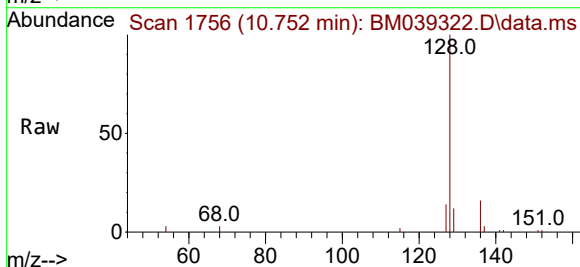
Instrument :
BNA_M
ClientSampleId :
SSTD0.4079

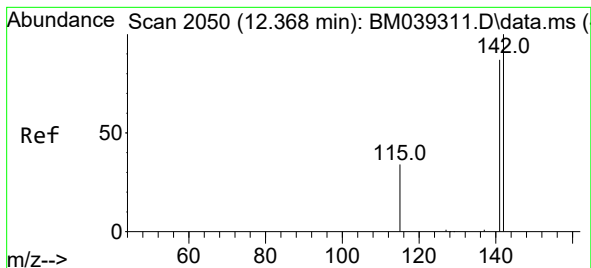
Tgt Ion: 88 Resp: 3599
Ion Ratio Lower Upper
88 100
43 39.9 30.6 45.8
58 51.4 34.1 51.1#



#5
Naphthalene
Concen: 0.465 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion: 128 Resp: 18707
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 13.7 11.0 16.4

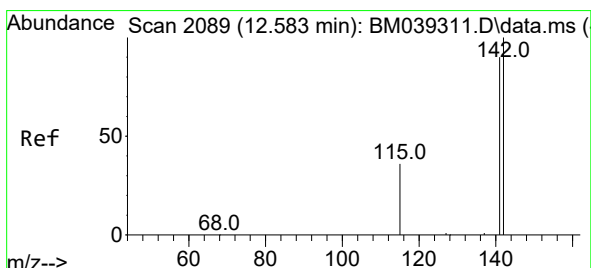
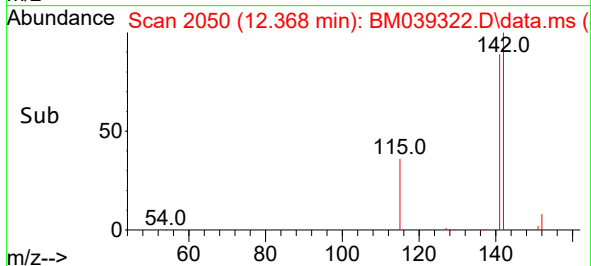
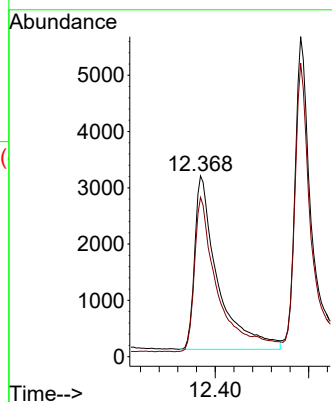
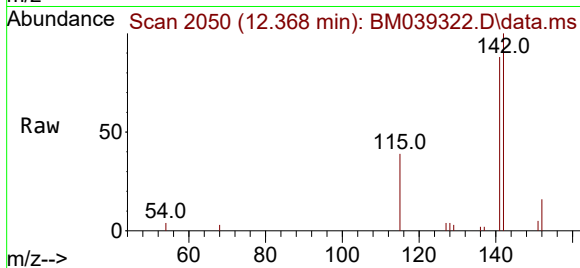




#7
2-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

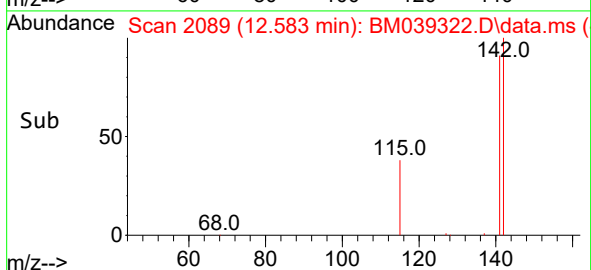
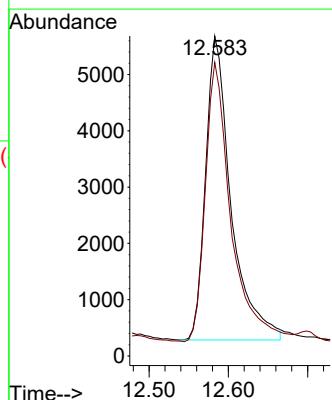
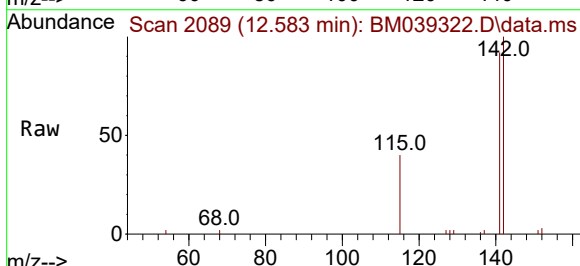
Instrument :
BNA_M
ClientSampleId :
SSTD0.4079

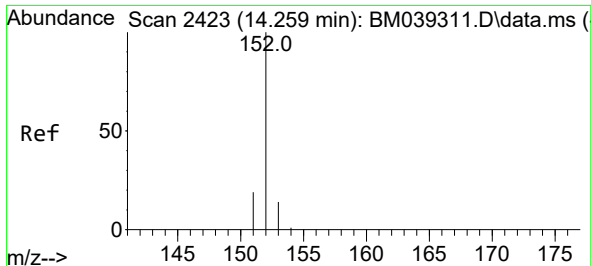
Tgt Ion:142 Resp: 10558
Ion Ratio Lower Upper
142 100
141 91.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:142 Resp: 12066
Ion Ratio Lower Upper
142 100
141 91.6 72.6 109.0

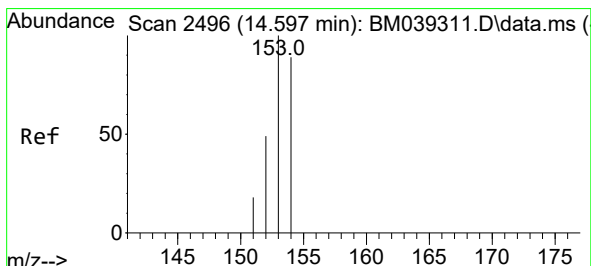
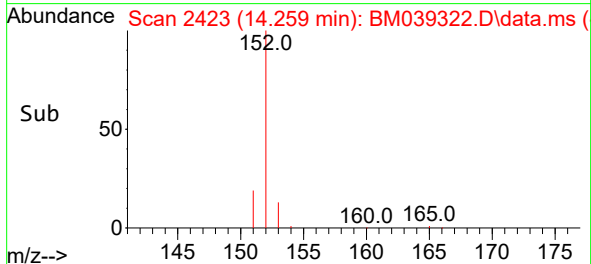
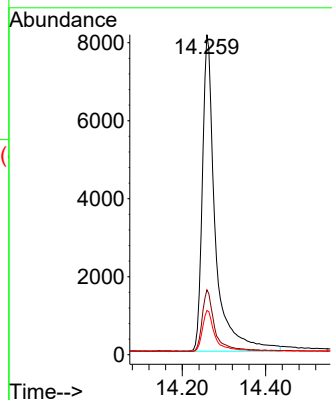
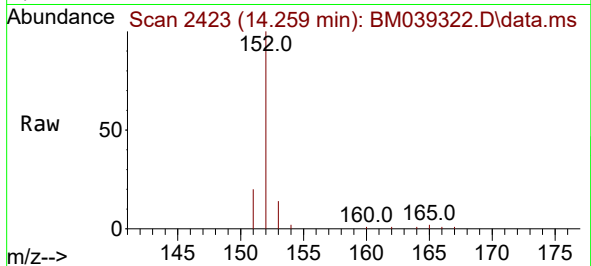




#10
Acenaphthylene
Concen: 0.459 ng/ul
RT: 14.259 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

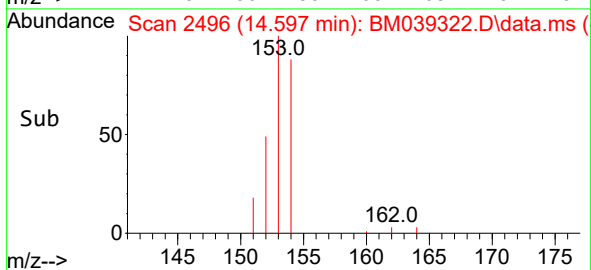
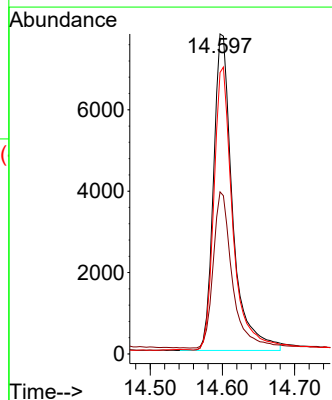
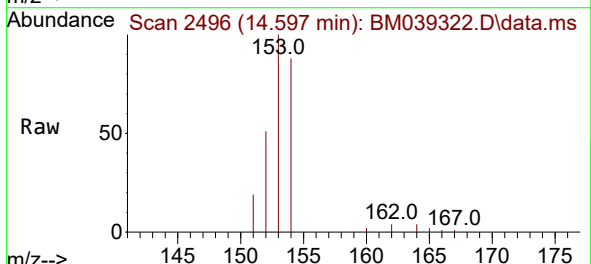
Instrument :
BNA_M
ClientSampleId :
SSTD0.4079

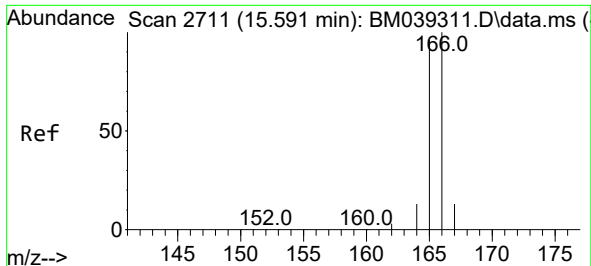
Tgt Ion:	152	Resp:	17636
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.8	11.6	17.4



#11
Acenaphthene
Concen: 0.472 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:	153	Resp:	14279
Ion Ratio	Lower	Upper	
153	100		
152	50.7	40.3	60.5
154	88.0	71.5	107.3

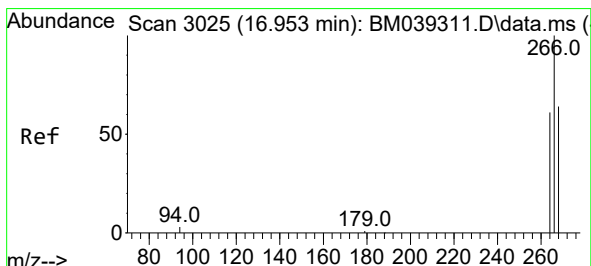
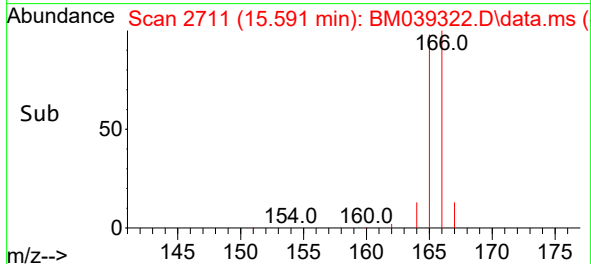
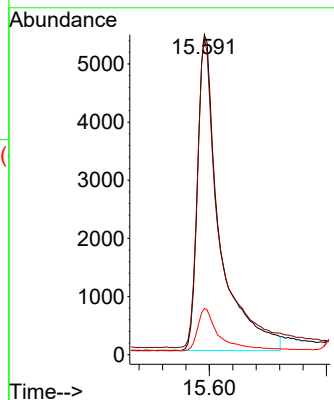
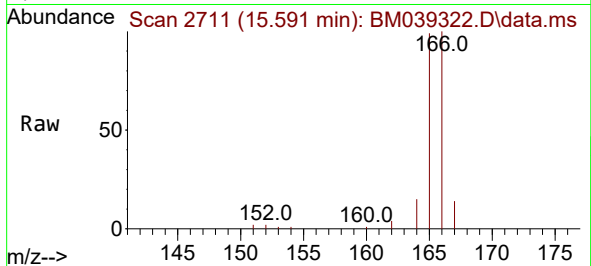




#12
Fluorene
Concen: 0.470 ng/ul
RT: 15.591 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

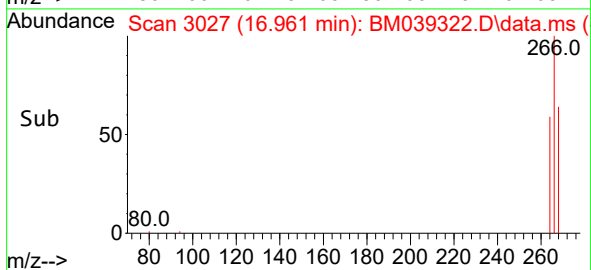
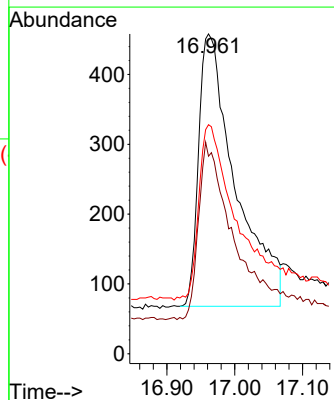
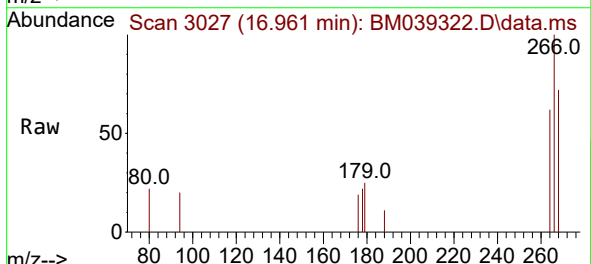
Instrument :
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ClientSampleId :
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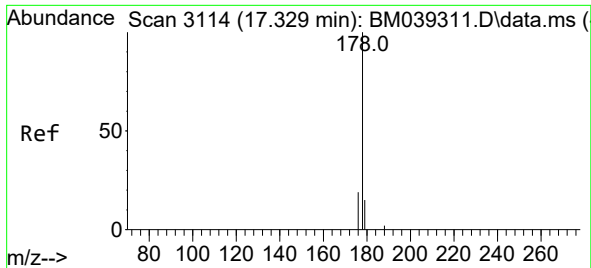
Tgt Ion:166 Resp: 14171
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 14.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.408 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. 0.008 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:266 Resp: 1473
Ion Ratio Lower Upper
266 100
264 62.9 39.6 59.4#
268 66.2 42.4 63.6#

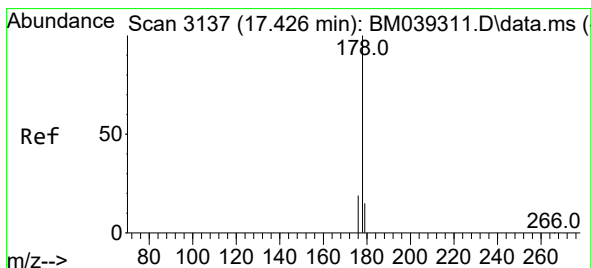
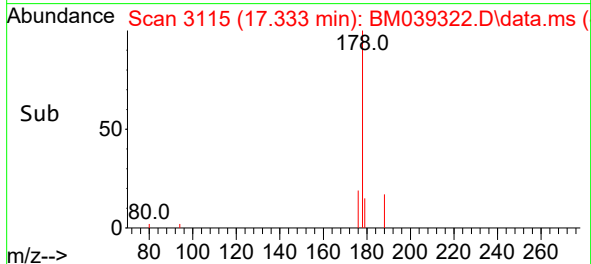
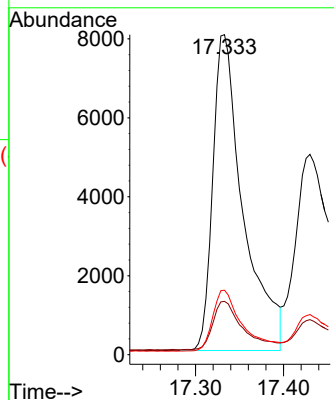
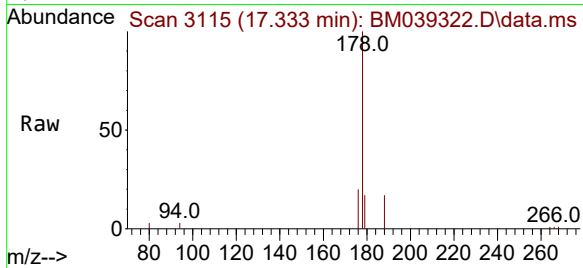




#15
Phenanthrene
Concen: 0.458 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

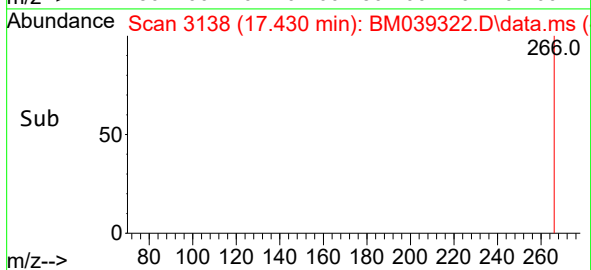
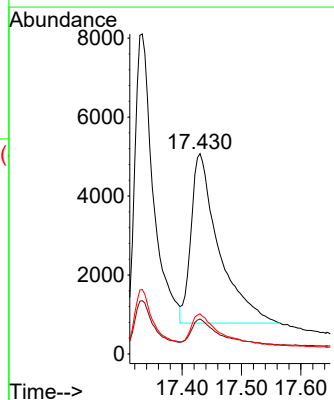
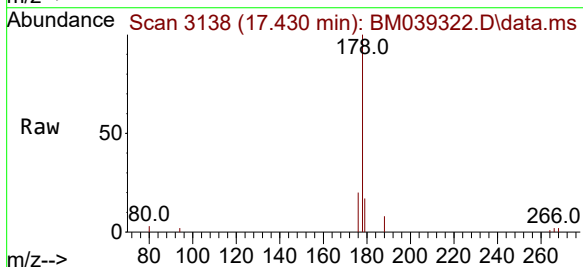
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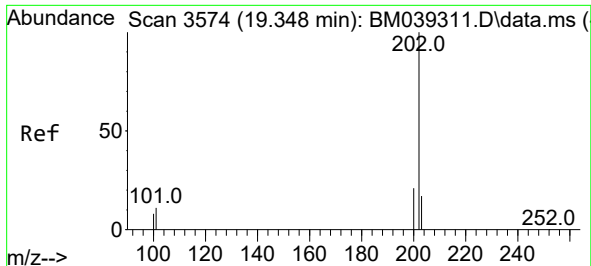
Tgt Ion:178 Resp: 19220
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.2
176 20.2 15.8 23.6



#16
Anthracene
Concen: 0.437 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. 0.004 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:178 Resp: 13972
Ion Ratio Lower Upper
178 100
179 17.5 14.6 21.8
176 20.0 16.6 24.8

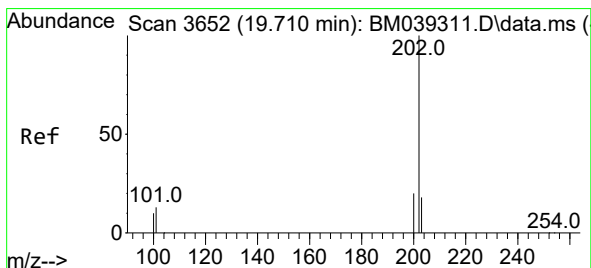
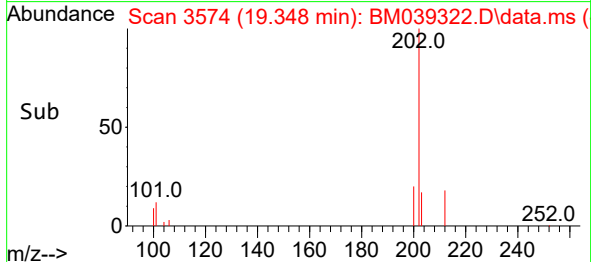
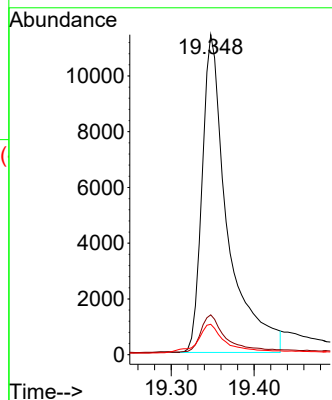
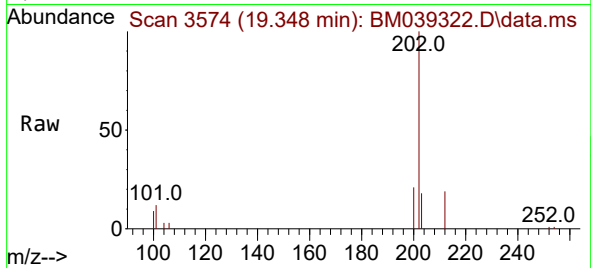




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

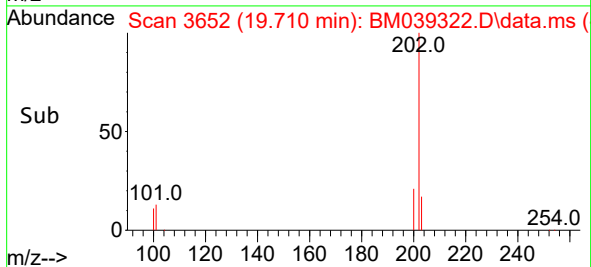
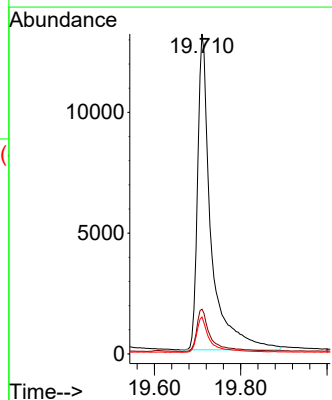
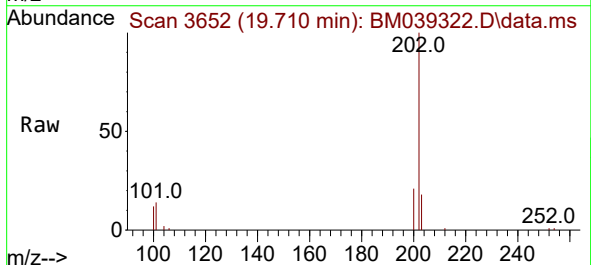
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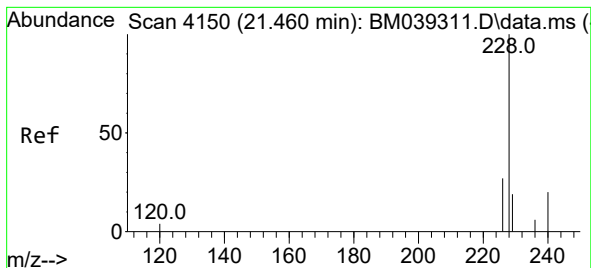
Tgt Ion:202 Resp: 24262
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.5 7.4 11.0



#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:202 Resp: 28414
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 11.5 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.445 ng/ul

RT: 21.463 min Scan# 4150

Delta R.T. 0.003 min

Lab File: BM039322.D

Acq: 06 Apr 2023 18:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.4079

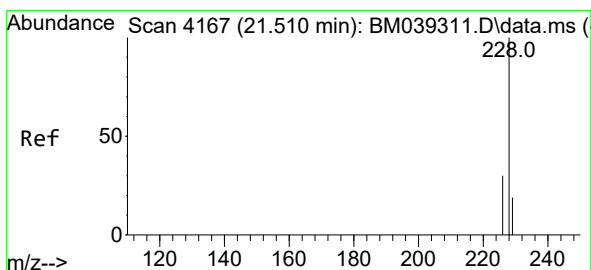
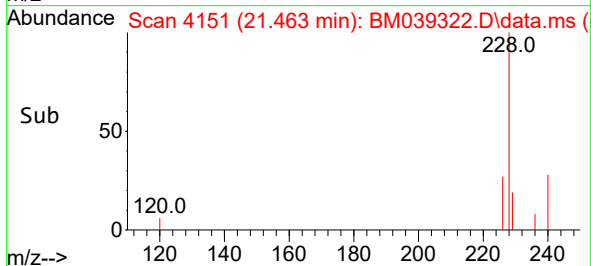
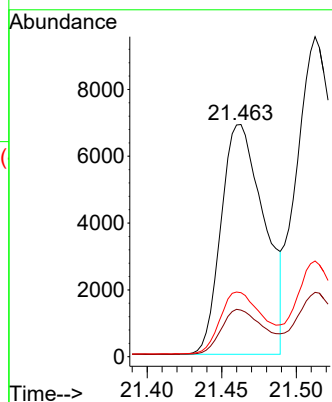
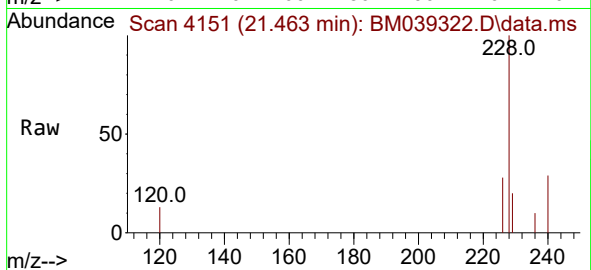
Tgt Ion:228 Resp: 13835

Ion Ratio Lower Upper

228 100

229 20.1 16.6 24.8

226 27.5 22.6 34.0



#22

Chrysene

Concen: 0.482 ng/ul

RT: 21.512 min Scan# 4168

Delta R.T. 0.003 min

Lab File: BM039322.D

Acq: 06 Apr 2023 18:35

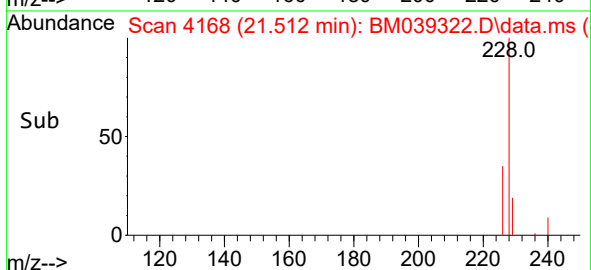
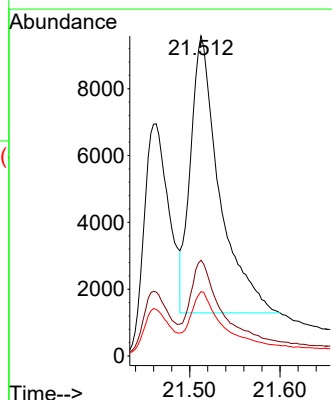
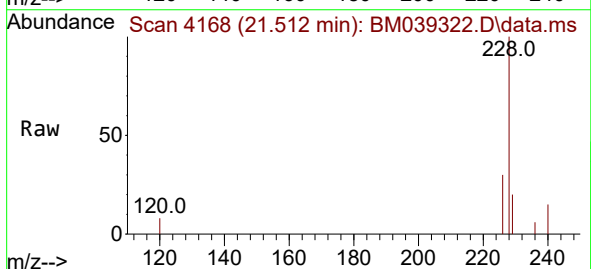
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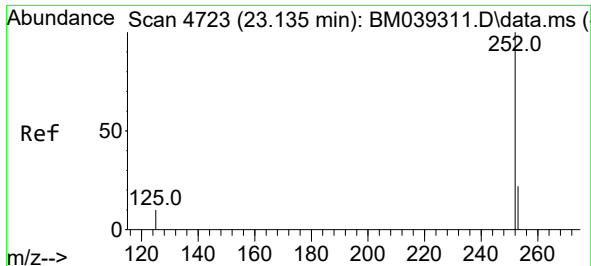
Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 20.1 16.2 24.4

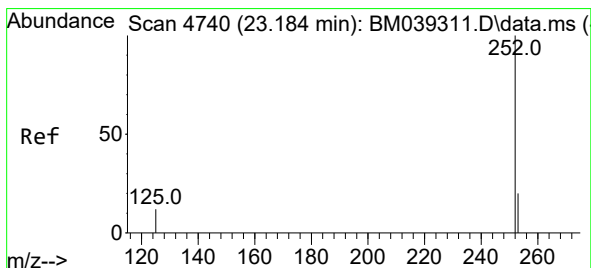
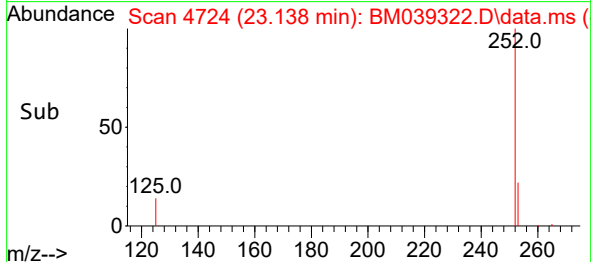
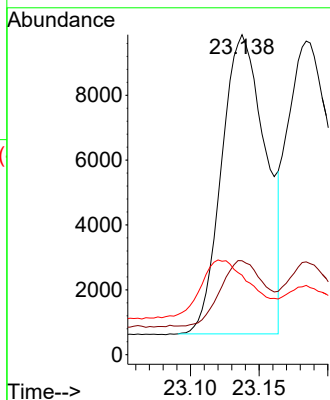
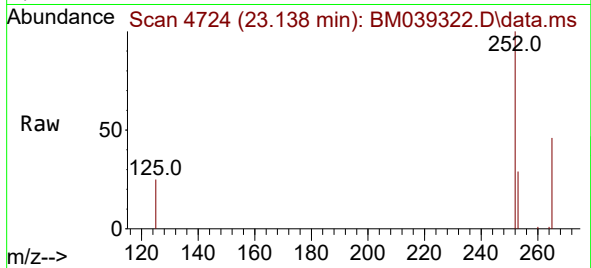




#24
Benzo(b)fluoranthene
Concen: 0.467 ng/ul
RT: 23.138 min Scan# 4724
Delta R.T. 0.003 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

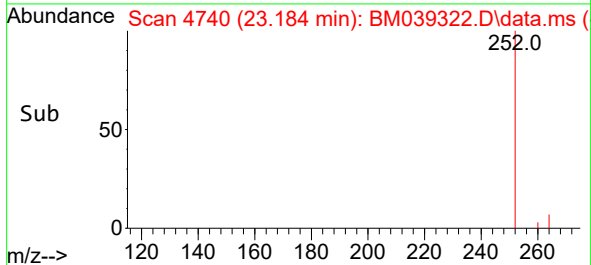
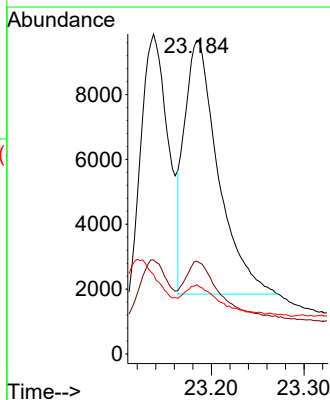
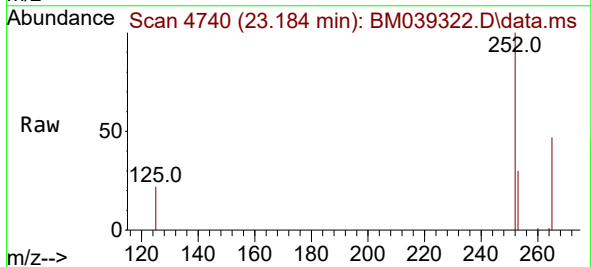
Instrument :
BNA_M
ClientSampleId :
SSTD0.4079

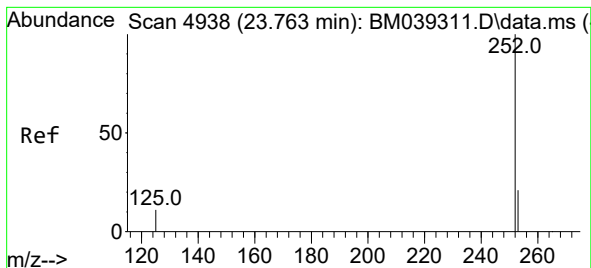
Tgt Ion:252 Resp: 20571
Ion Ratio Lower Upper
252 100
253 29.4 0.0 64.4
125 24.9 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.468 ng/ul
RT: 23.184 min Scan# 4740
Delta R.T. -0.000 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:252 Resp: 19653
Ion Ratio Lower Upper
252 100
253 29.6 25.5 38.3
125 22.1 20.4 30.6





#26

Benzo(a)pyrene

Concen: 0.461 ng/ul

RT: 23.763 min Scan# 4938

Delta R.T. -0.000 min

Lab File: BM039322.D

Acq: 06 Apr 2023 18:35

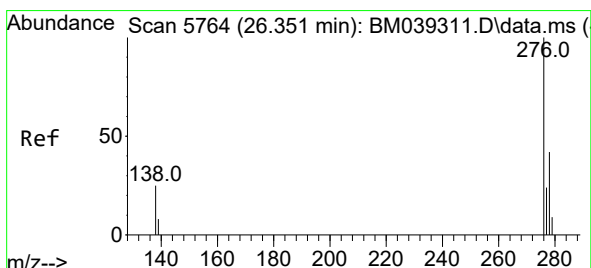
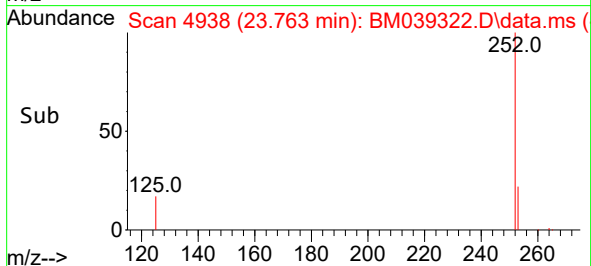
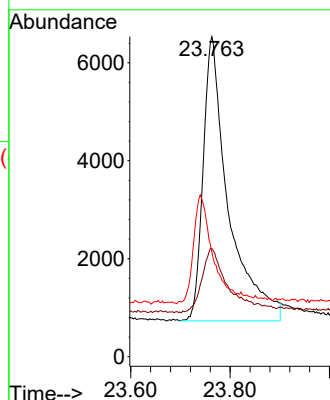
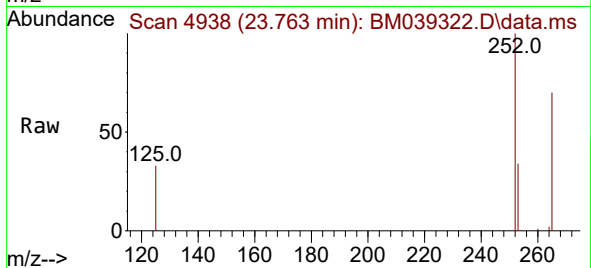
Instrument :

BNA_M

ClientSampleId :

SSTD0.4079

Tgt Ion:	252	Resp:	20486
Ion Ratio	Lower	Upper	
252	100		
253	33.8	31.0	46.4
125	32.7	28.2	42.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

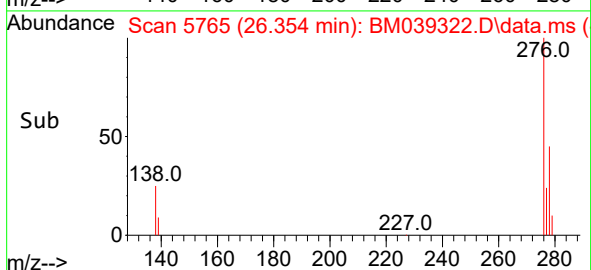
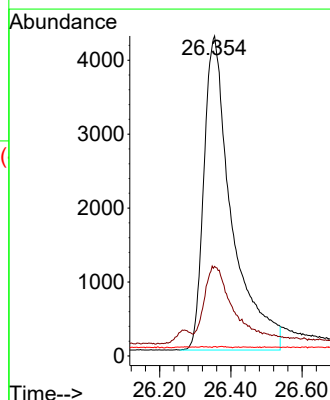
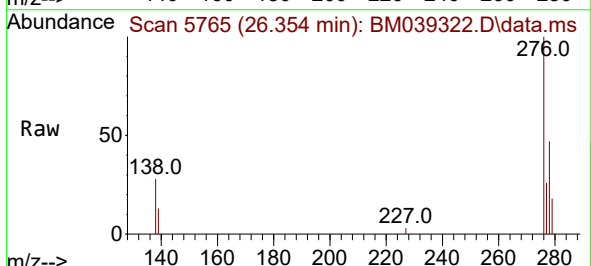
RT: 26.354 min Scan# 5765

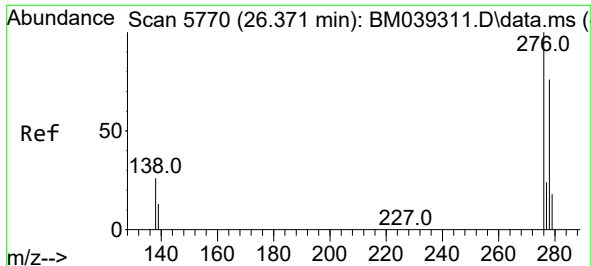
Delta R.T. 0.003 min

Lab File: BM039322.D

Acq: 06 Apr 2023 18:35

Tgt Ion:	276	Resp:	22997
Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.4	32.0
227	0.0	0.1	0.1

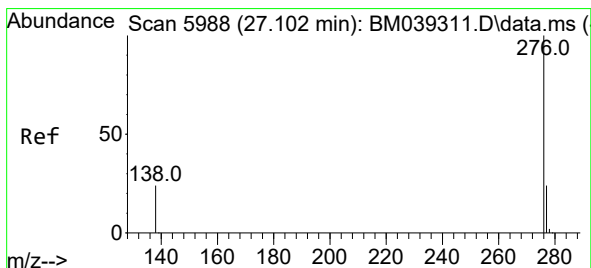
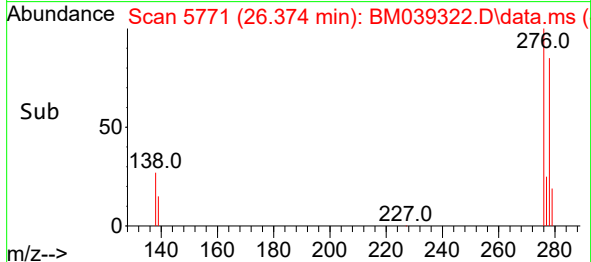
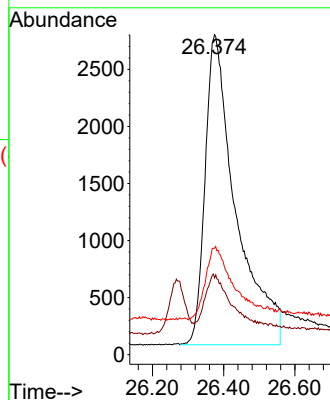
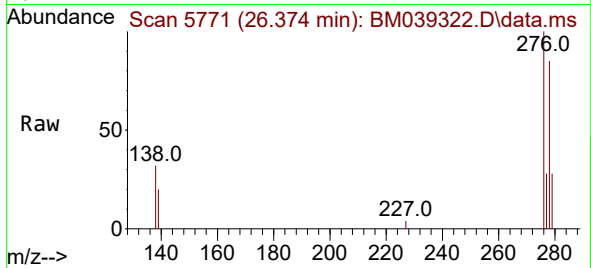




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 26.374 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4079

Tgt Ion:278 Resp: 16339
Ion Ratio Lower Upper
278 100
139 24.0 21.8 32.6
279 33.2 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. 0.003 min
Lab File: BM039322.D
Acq: 06 Apr 2023 18:35

Tgt Ion:276 Resp: 21160
Ion Ratio Lower Upper
276 100
138 26.8 22.2 33.2
277 25.5 21.2 31.8

