

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042173.D
 Acq On : 03 Oct 2023 22:00
 Operator : MA/JU
 Sample : 04571-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJM2

Quant Time: Oct 04 03:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

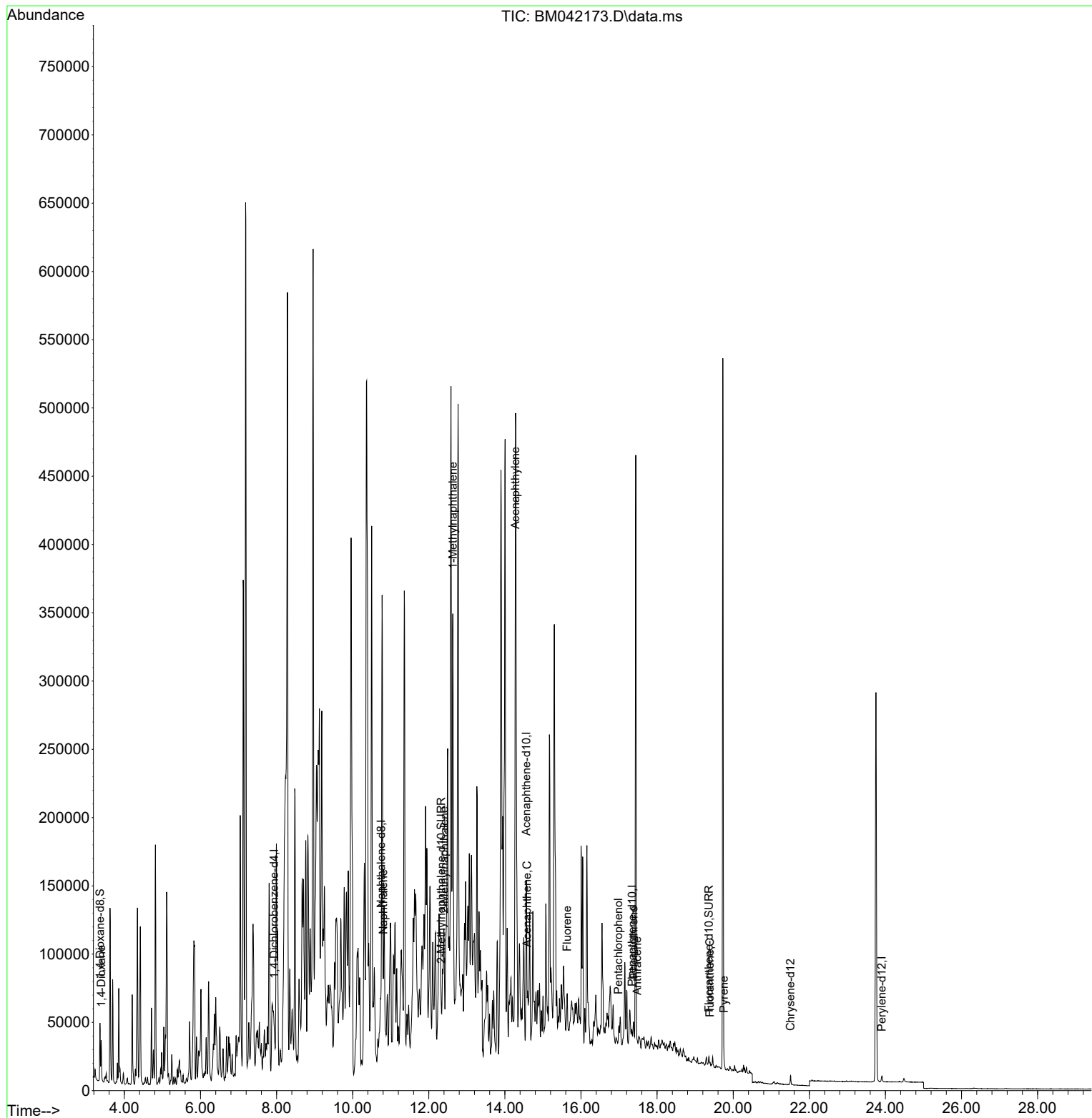
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3643	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.752	136	9267	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.564	164	30361	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.341	188	7088	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.507	240	5333	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	6295	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	22678	4.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	12301	0.968	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	5053	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	1329	0.262	ng/ul#	1
5) Naphthalene	10.807	128	32484	1.051	ng/ul#	10
7) 2-Methylnaphthalene	12.407	142	4227	0.228	ng/ul#	58
8) 1-Methylnaphthalene	12.632	142	38039	2.040	ng/ul#	66
10) Acenaphthylene	14.273	152	319041	1.663	ng/ul#	75
11) Acenaphthene	14.583	153	3120	0.021	ng/ul	89
12) Fluorene	15.633	166	18321	0.112	ng/ul#	85
14) Pentachlorophenol	16.978	266	73	0.023	ng/ul#	70
15) Phenanthrene	17.383	178	14014	0.480	ng/ul#	23
16) Anthracene	17.476	178	690	0.026	ng/ul#	1
19) Fluoranthene	19.389	202	2649	0.065	ng/ul#	1
20) Pyrene	19.757	202	6346	0.147	ng/ul#	49

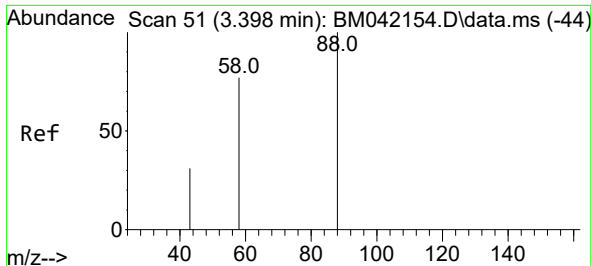
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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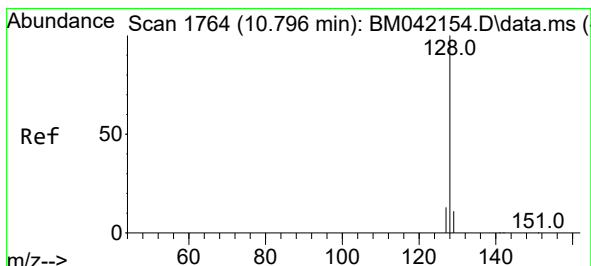
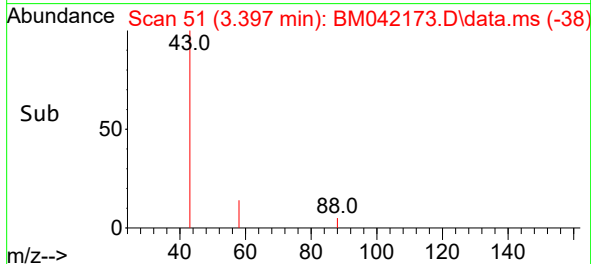
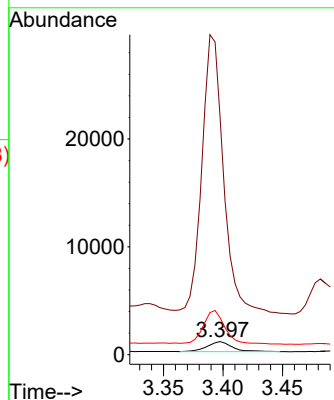
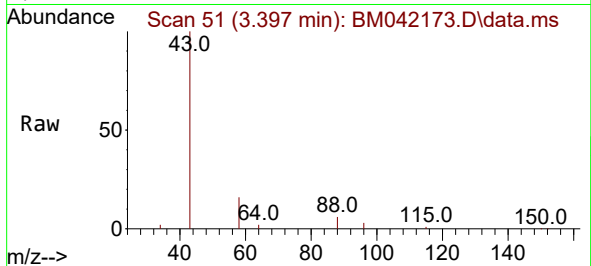




#2
1,4-Dioxane
Concen: 0.262 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

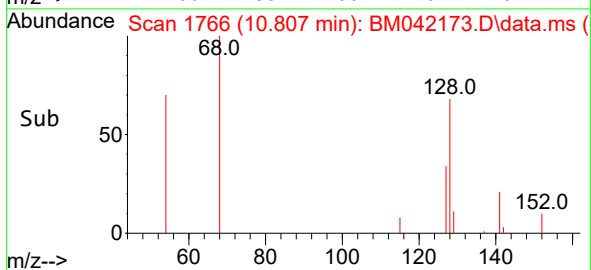
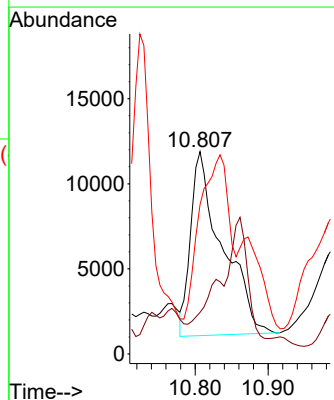
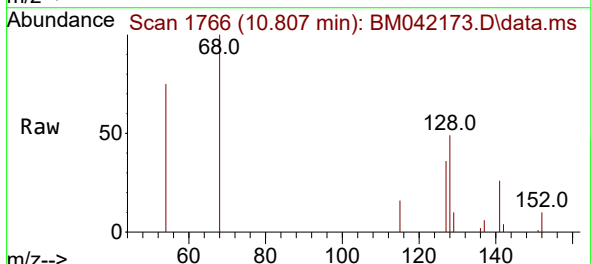
Instrument :
BNA_M
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BBJM2

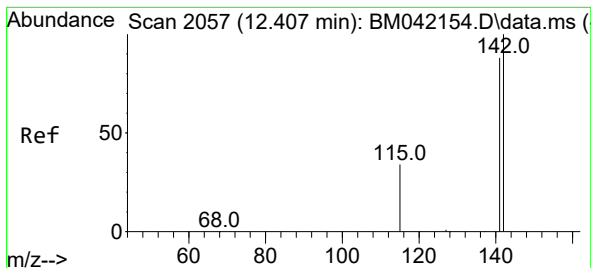
Tgt Ion: 88 Resp: 1329
Ion Ratio Lower Upper
88 100
43 1810.7 52.1 78.1#
58 281.2 53.8 80.6#



#5
Naphthalene
Concen: 1.051 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. 0.005 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Tgt Ion: 128 Resp: 32484
Ion Ratio Lower Upper
128 100
129 20.6 9.4 14.2#
127 73.7 11.0 16.4#

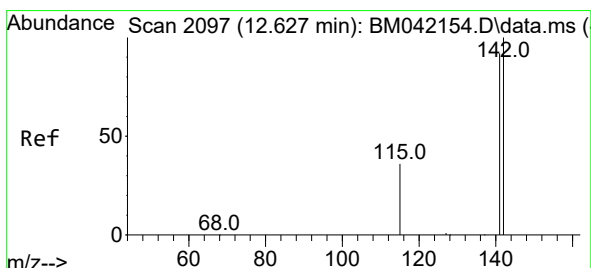
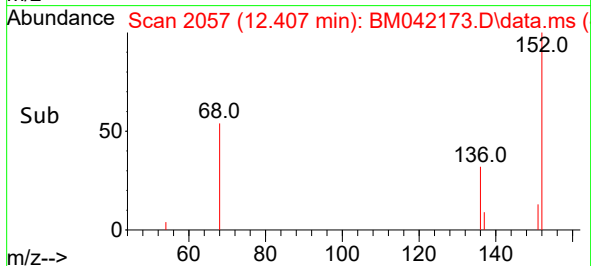
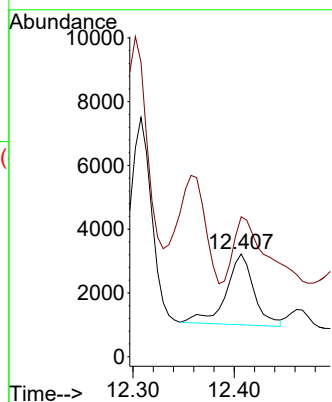
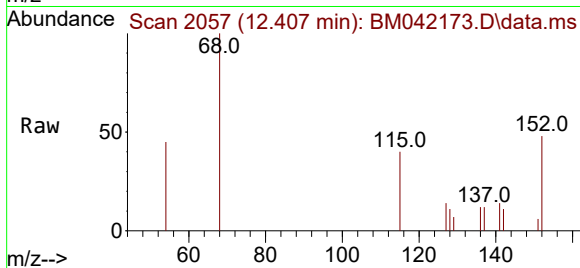




#7
2-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

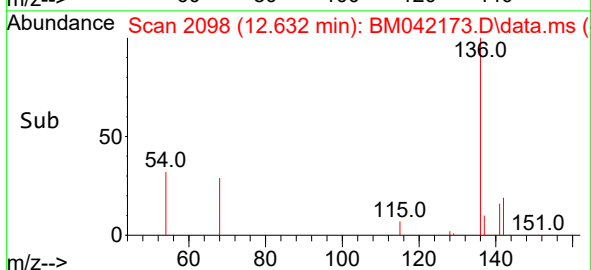
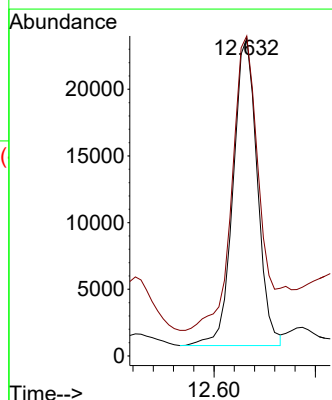
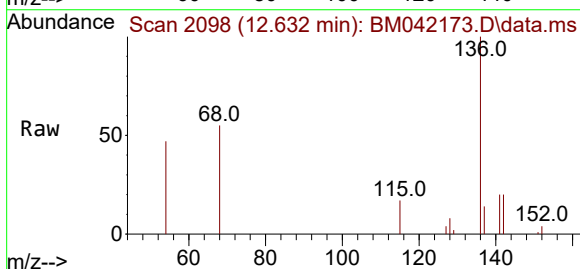
Instrument :
BNA_M
ClientSampleId :
BBJM2

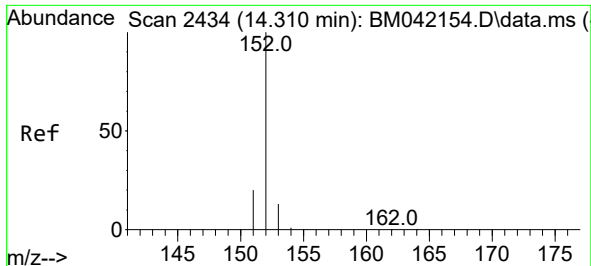
Tgt Ion:142 Resp: 4227
Ion Ratio Lower Upper
142 100
141 126.6 70.2 105.4#



#8
1-Methylnaphthalene
Concen: 2.040 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Tgt Ion:142 Resp: 38039
Ion Ratio Lower Upper
142 100
141 124.7 73.5 110.3#

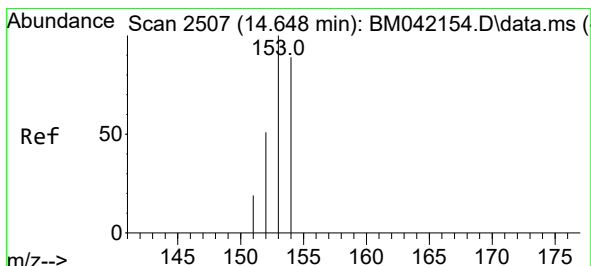
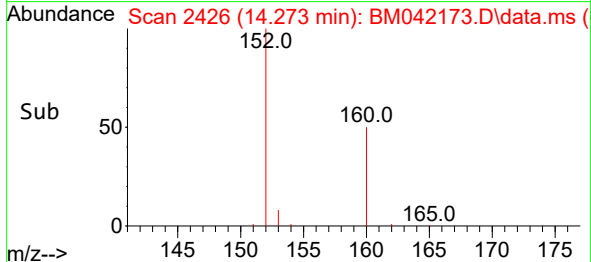
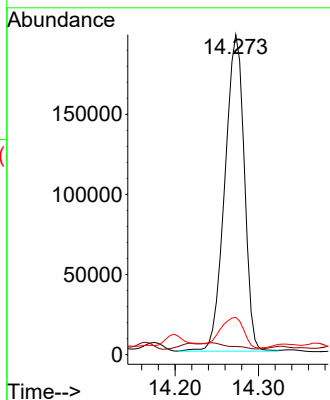
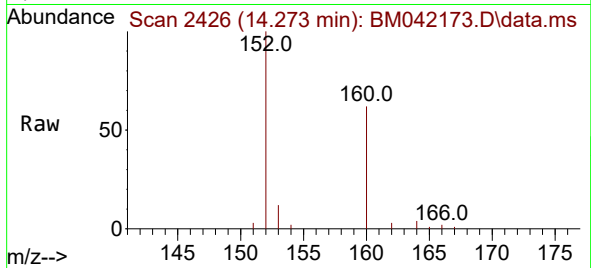




#10
Acenaphthylene
Concen: 1.663 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.042 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

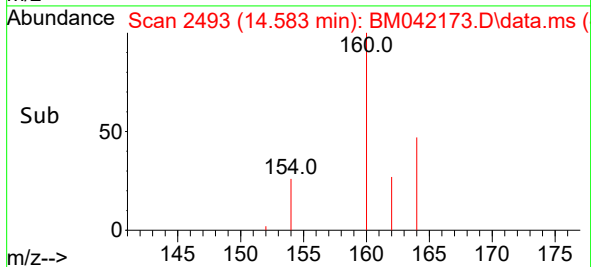
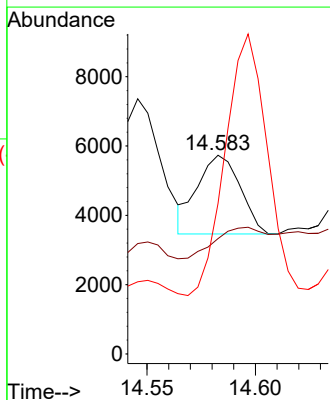
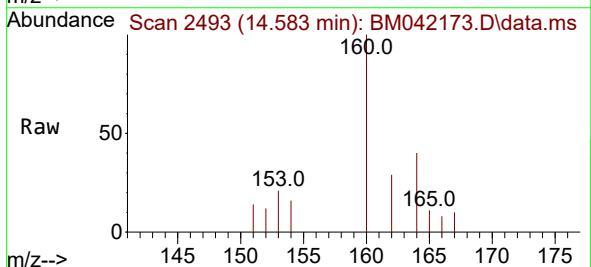
Instrument :
BNA_M
ClientSampleId :
BBJM2

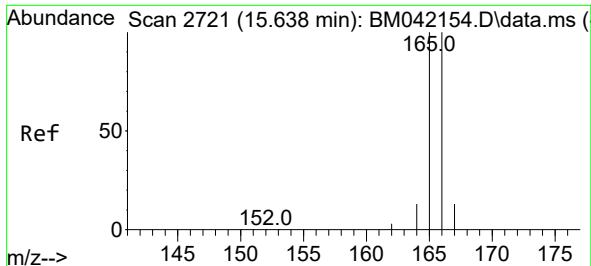
Tgt Ion:152 Resp: 319041
Ion Ratio Lower Upper
152 100
151 2.5 16.4 24.6#
153 11.7 10.9 16.3



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.065 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Tgt Ion:153 Resp: 3120
Ion Ratio Lower Upper
153 100
152 58.1 41.1 61.7
154 75.7 69.5 104.3

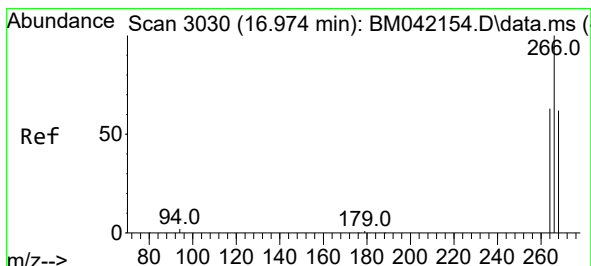
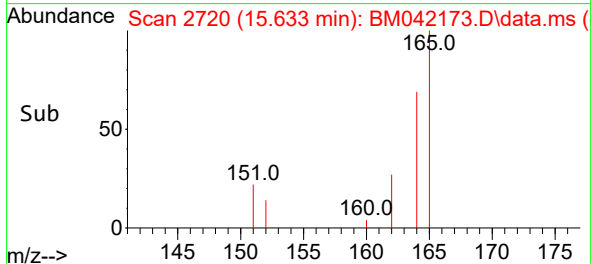
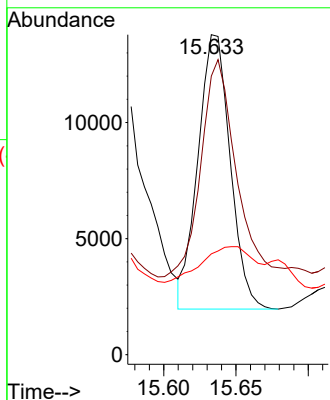
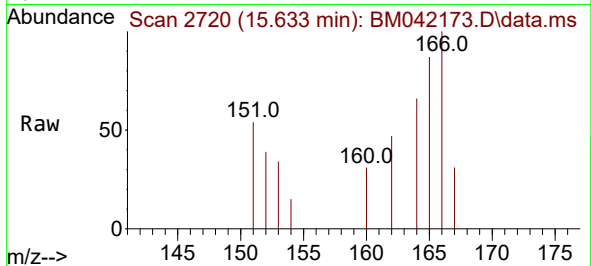




#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

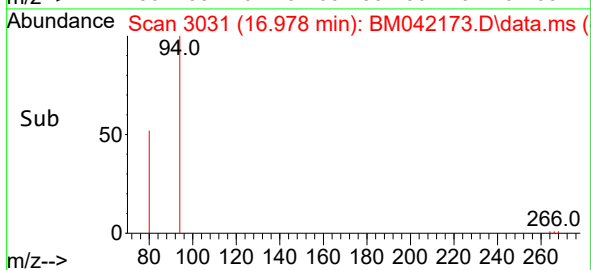
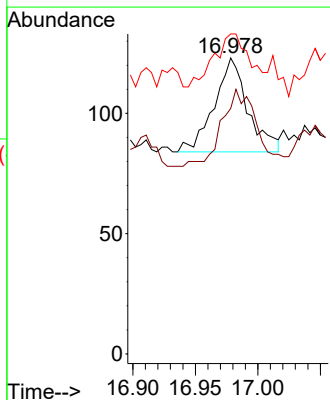
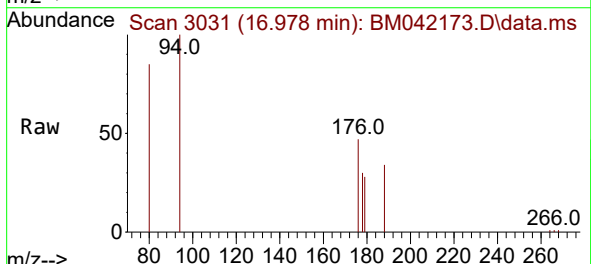
Instrument :
BNA_M
ClientSampleId :
BBJM2

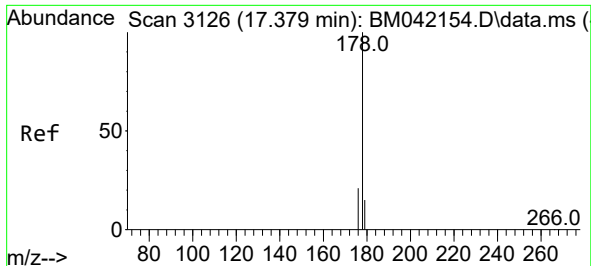
Tgt Ion:166 Resp: 18321
Ion Ratio Lower Upper
166 100
165 87.1 78.4 117.6
167 31.5 11.5 17.3#



#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Tgt Ion:266 Resp: 73
Ion Ratio Lower Upper
266 100
264 84.9 51.1 76.7#
268 91.8 52.1 78.1#

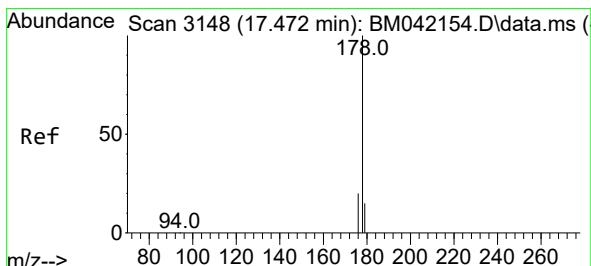
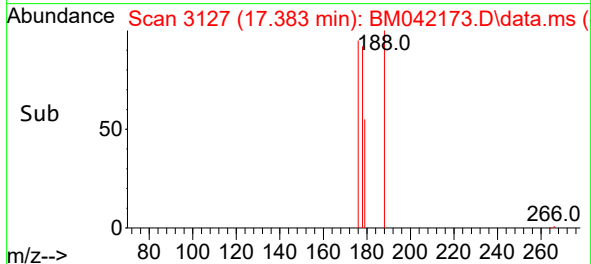
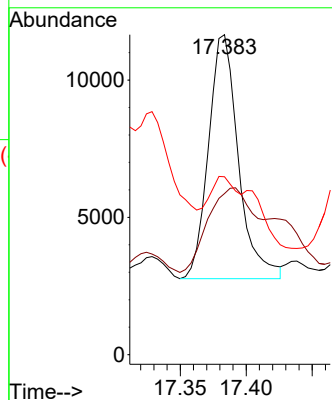
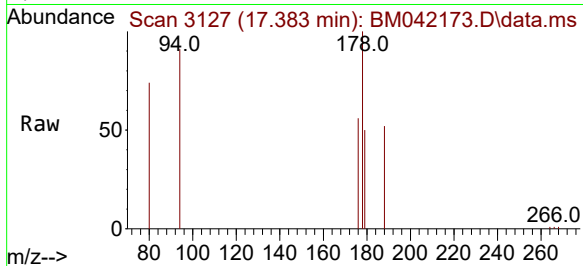




#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

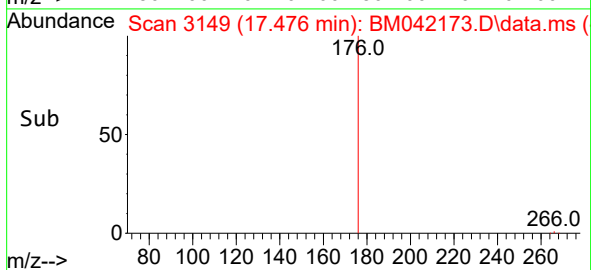
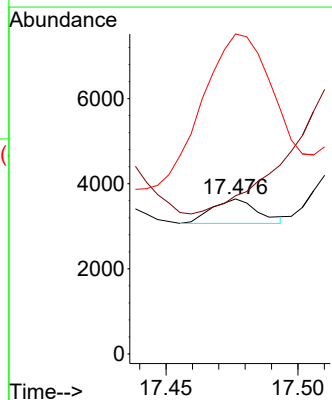
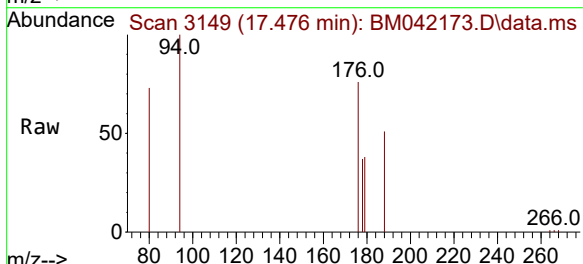
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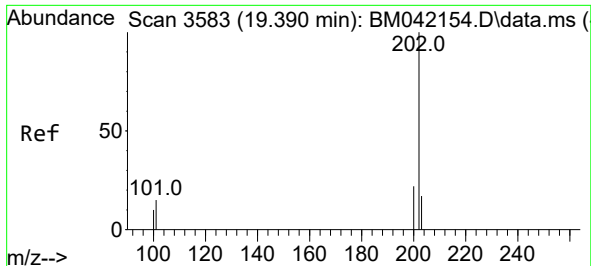
Tgt Ion:178 Resp: 14014
Ion Ratio Lower Upper
178 100
179 50.4 13.0 19.4#
176 55.6 16.8 25.2#



#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Tgt Ion:178 Resp: 690
Ion Ratio Lower Upper
178 100
179 102.1 12.9 19.3#
176 206.5 16.3 24.5#

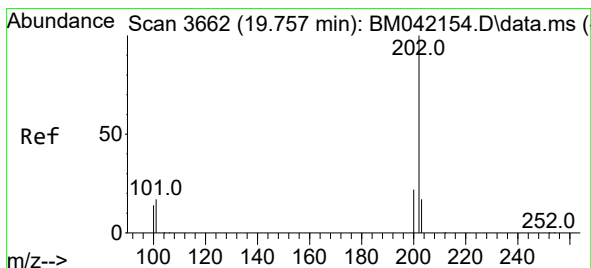
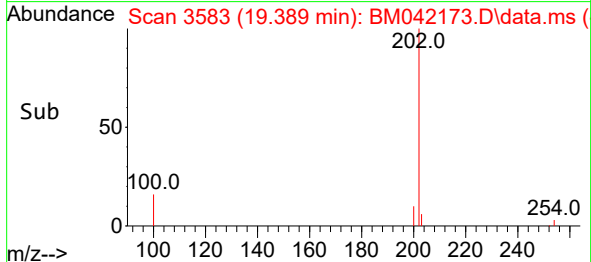
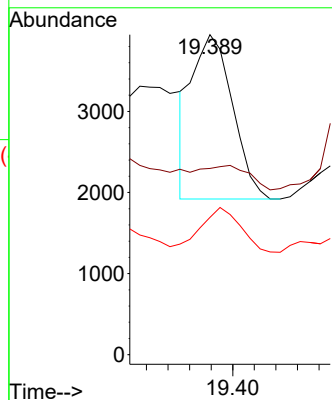
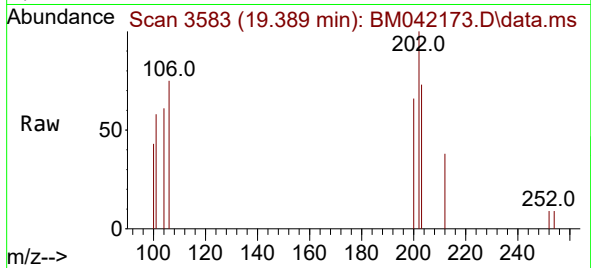




#19
Fluoranthene
Concen: 0.065 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Instrument :
BNA_M
ClientSampleId :
BBJM2

Tgt Ion:202 Resp: 2649
Ion Ratio Lower Upper
202 100
101 58.2 11.1 16.7#
100 42.9 8.2 12.2#



#20
Pyrene
Concen: 0.147 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BM042173.D
Acq: 03 Oct 2023 22:00

Tgt Ion:202 Resp: 6346
Ion Ratio Lower Upper
202 100
101 42.5 12.7 19.1#
100 26.5 9.9 14.9#

