

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038561.D
 Acq On : 26 Jan 2023 23:09
 Operator : CG/JU
 Sample : PB150406BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS406

Quant Time: Jan 27 00:45:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

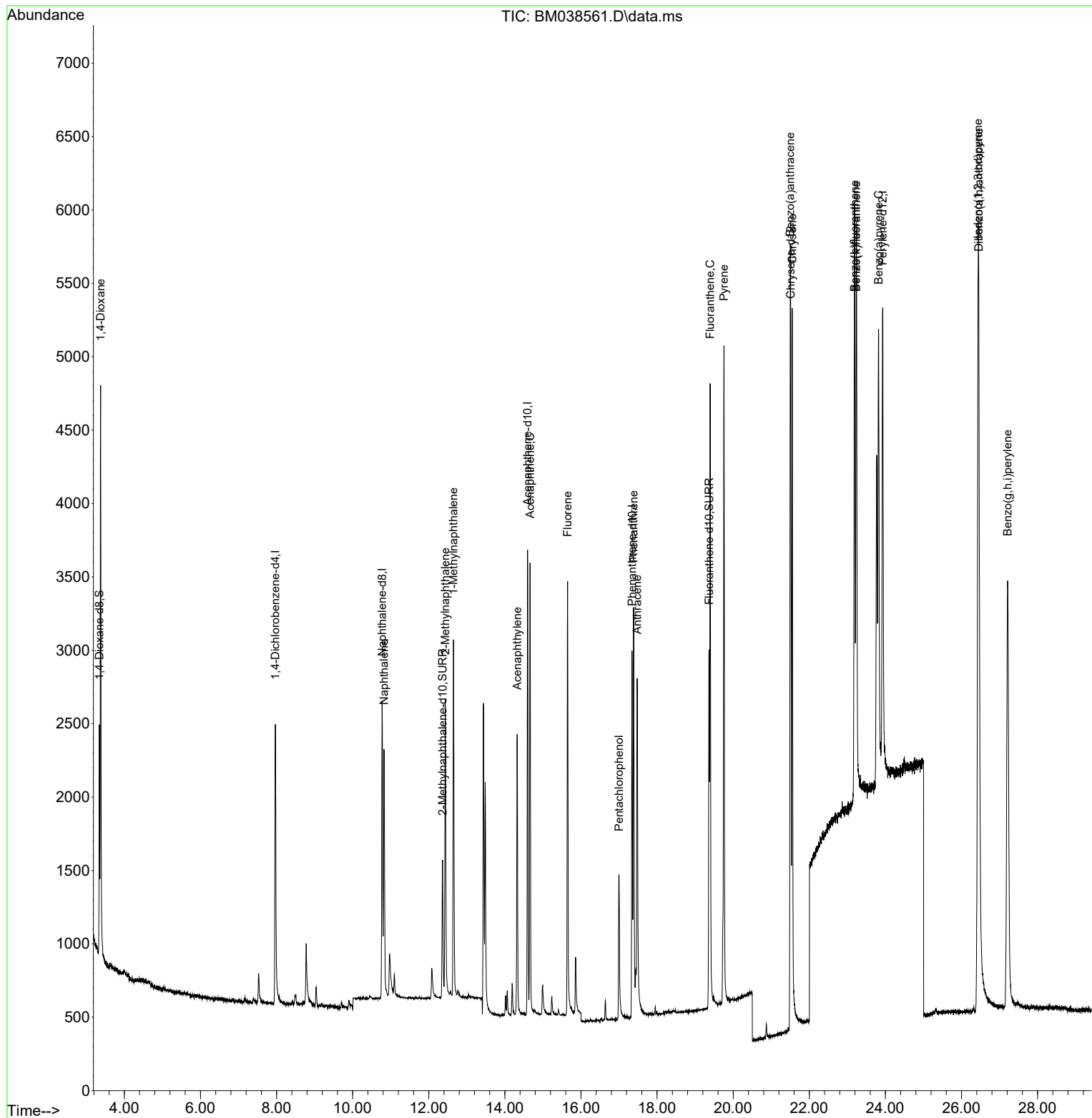
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	2979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	1705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	3471	0.400	ng/ul	0.00
17) Chrysene-d12	21.513	240	3594	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4630	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	982	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1443	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	3256	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	2545	1.573	ng/ul#	22
5) Naphthalene	10.823	128	2534	0.262	ng/ul	97
7) 2-Methylnaphthalene	12.434	142	1545	0.302	ng/ul	98
8) 1-Methylnaphthalene	12.649	142	1660	0.314	ng/ul	99
10) Acenaphthylene	14.324	152	2369	0.315	ng/ul	96
11) Acenaphthene	14.661	153	1785	0.312	ng/ul	99
12) Fluorene	15.647	166	2052	0.287	ng/ul	100
14) Pentachlorophenol	16.999	266	854	0.604	ng/ul	99
15) Phenanthrene	17.384	178	3191	0.284	ng/ul	96
16) Anthracene	17.476	178	3004	0.314	ng/ul	96
19) Fluoranthene	19.394	202	4059	0.317	ng/ul	99
20) Pyrene	19.757	202	4352	0.316	ng/ul	98
21) Benzo(a)anthracene	21.498	228	4222	0.331	ng/ul	99
22) Chrysene	21.551	228	4455	0.347	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	5859	0.336	ng/ul	97
25) Benzo(k)fluoranthene	23.237	252	5799	0.343	ng/ul	97
26) Benzo(a)pyrene	23.819	252	5495	0.351	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.434	276	8759	0.398	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.455	278	7002	0.400	ng/ul	97
29) Benzo(g,h,i)perylene	27.213	276	7883	0.412	ng/ul	98

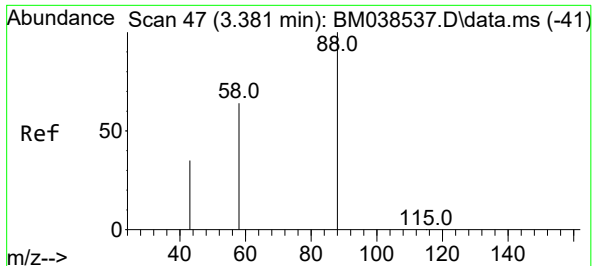
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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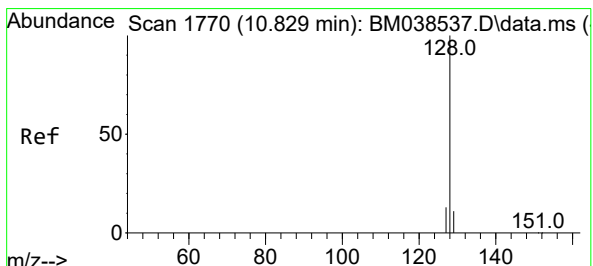
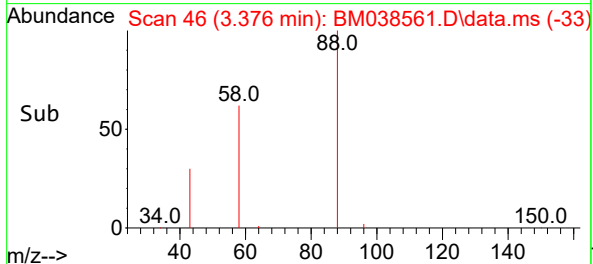
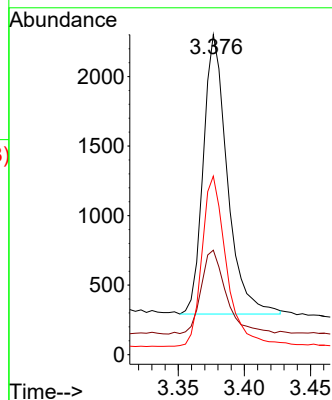
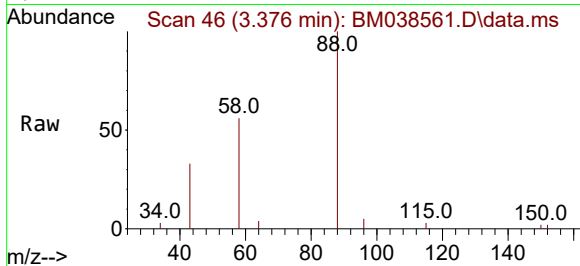




#2
1,4-Dioxane
Concen: 1.573 ng/ul
RT: 3.376 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

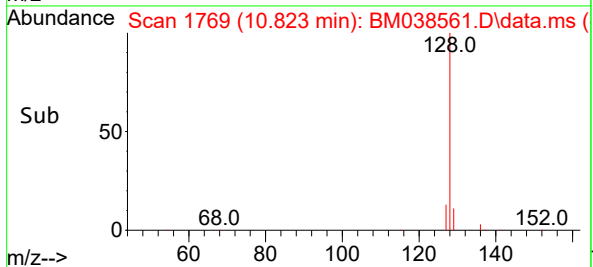
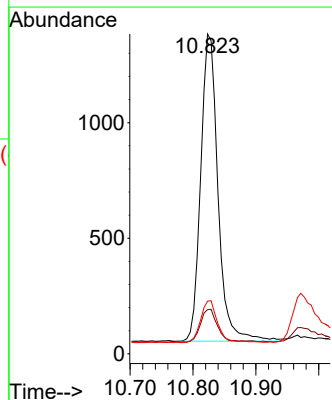
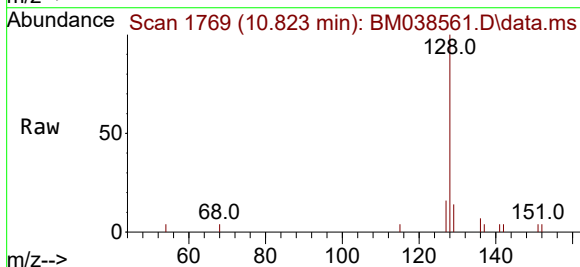
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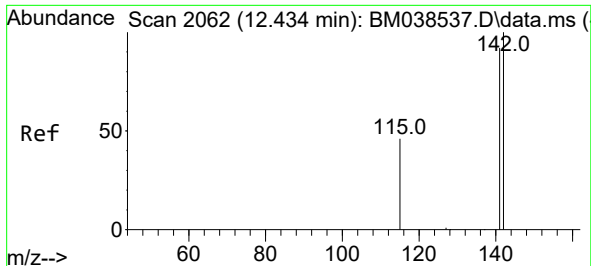
Tgt Ion: 88 Resp: 2545
Ion Ratio Lower Upper
88 100
43 32.6 141.3 211.9#
58 55.8 45.7 68.5



#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion: 128 Resp: 2534
Ion Ratio Lower Upper
128 100
129 13.8 10.3 15.5
127 16.5 11.9 17.9

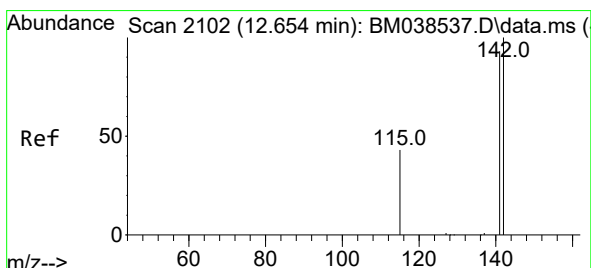
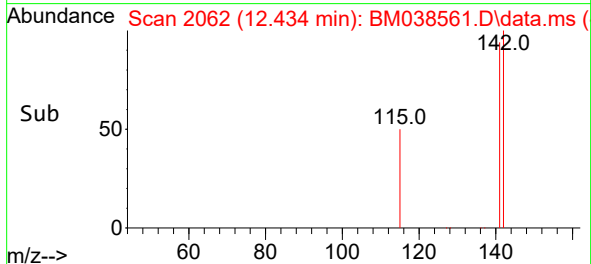
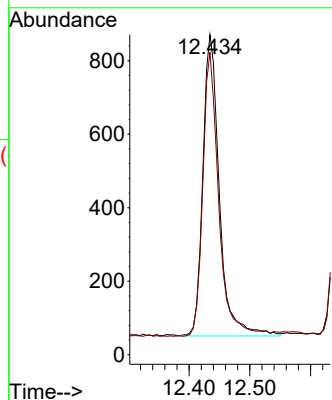
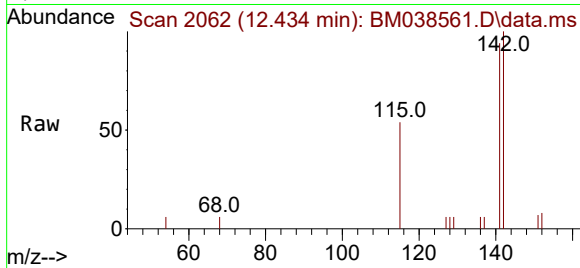




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

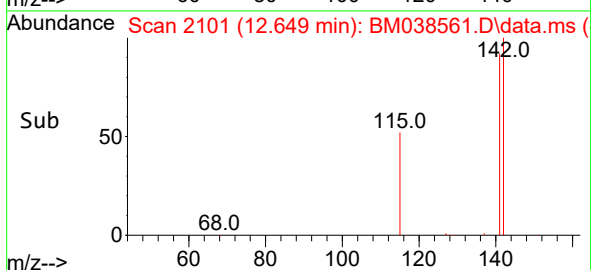
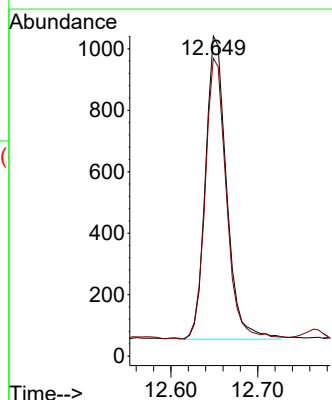
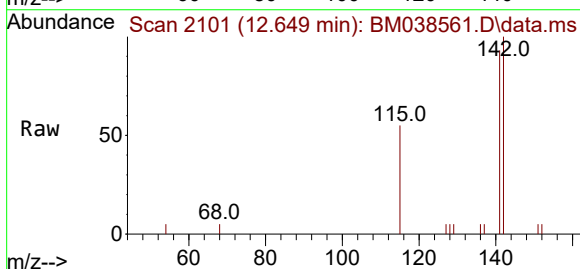
Instrument :
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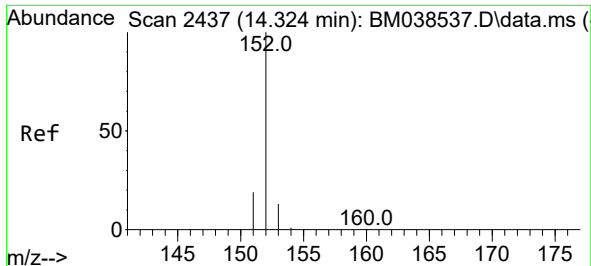
Tgt Ion:142 Resp: 1545
Ion Ratio Lower Upper
142 100
141 93.9 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:142 Resp: 1660
Ion Ratio Lower Upper
142 100
141 93.2 74.0 111.0

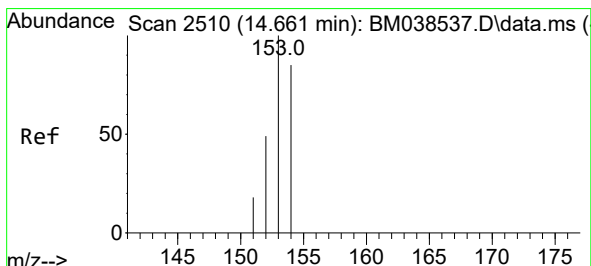
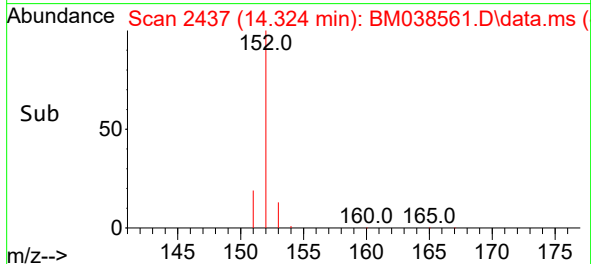
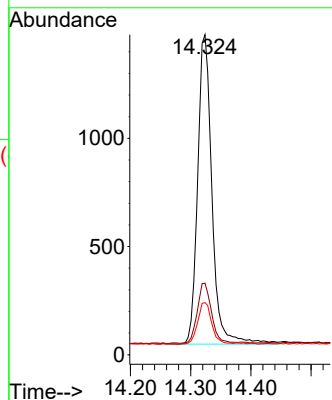
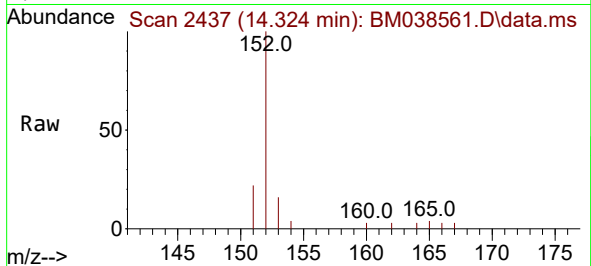




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

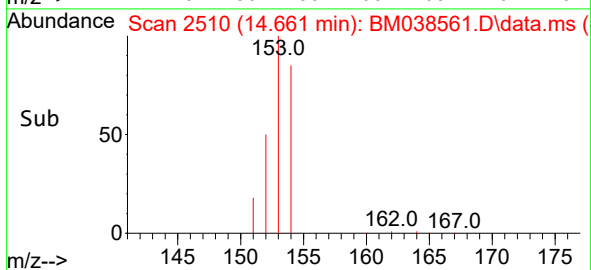
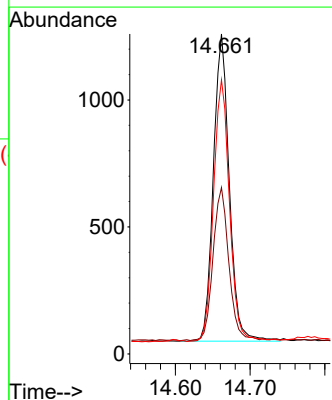
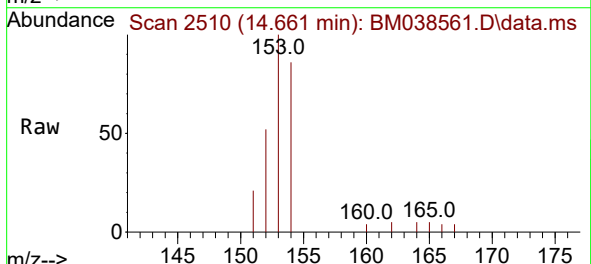
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ClientSampleId :
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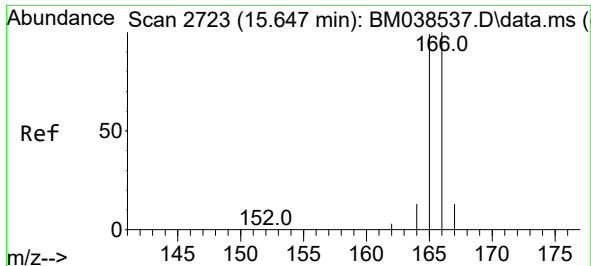
Tgt Ion:152 Resp: 2369
Ion Ratio Lower Upper
152 100
151 22.4 16.3 24.5
153 16.3 11.8 17.6



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:153 Resp: 1785
Ion Ratio Lower Upper
153 100
152 52.0 40.1 60.1
154 85.6 68.4 102.6

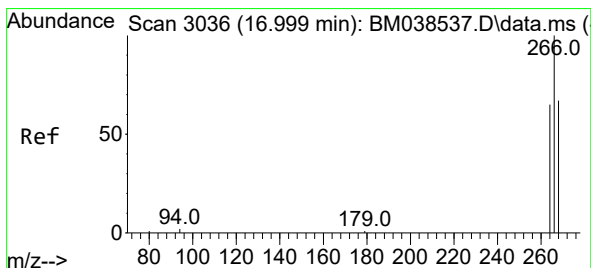
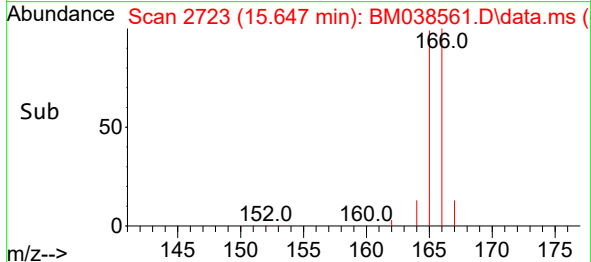
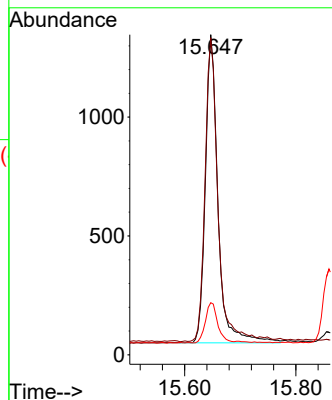
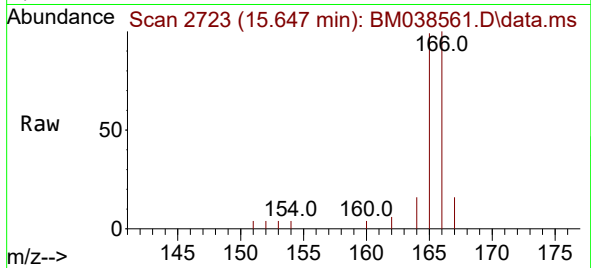




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

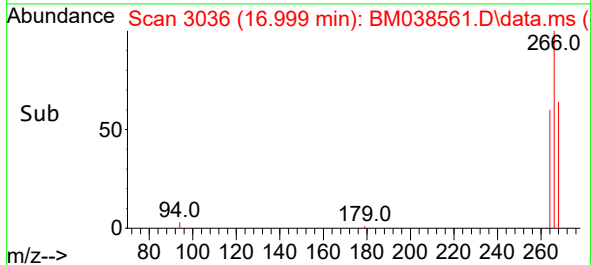
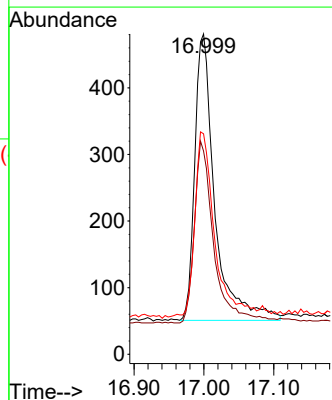
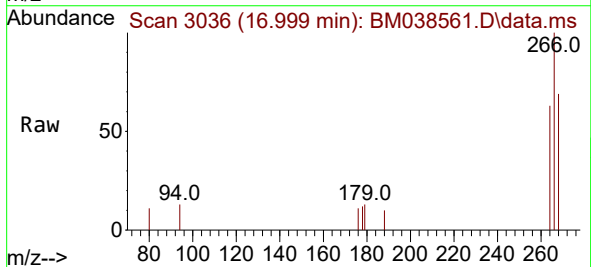
Instrument :
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ClientSampleId :
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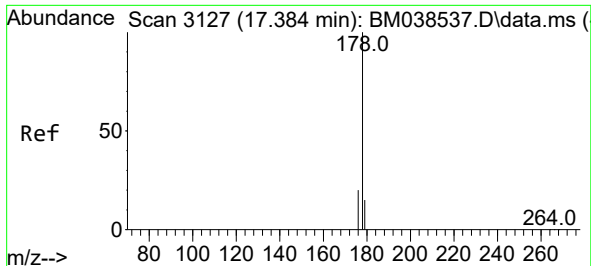
Tgt Ion:166 Resp: 2052
Ion Ratio Lower Upper
166 100
165 99.0 79.3 118.9
167 16.3 11.9 17.9



#14
Pentachlorophenol
Concen: 0.604 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:266 Resp: 854
Ion Ratio Lower Upper
266 100
264 61.9 49.4 74.2
268 65.8 51.7 77.5

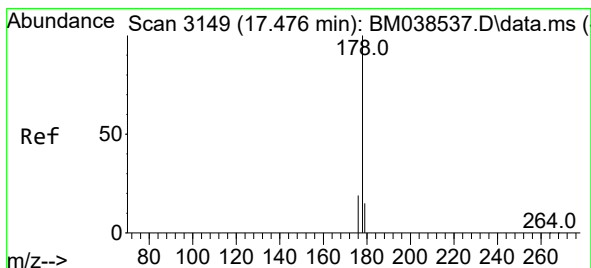
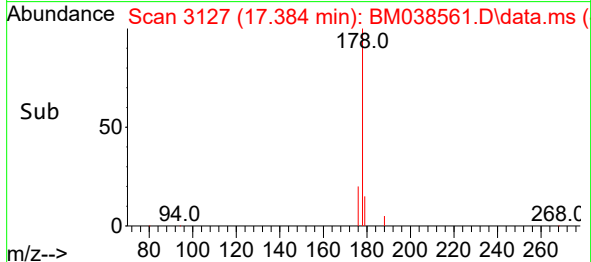
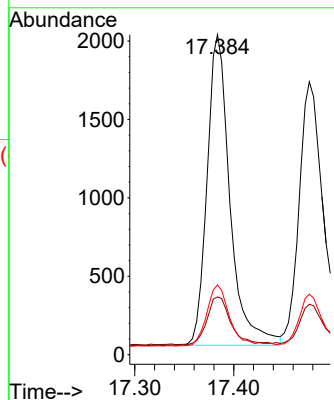
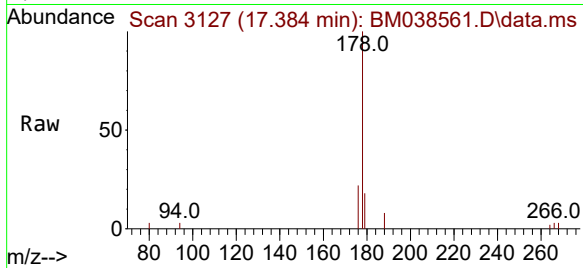




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

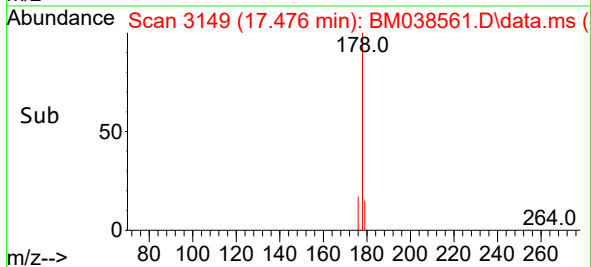
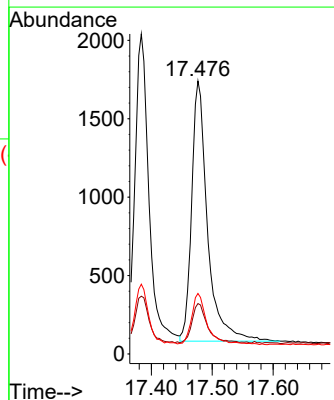
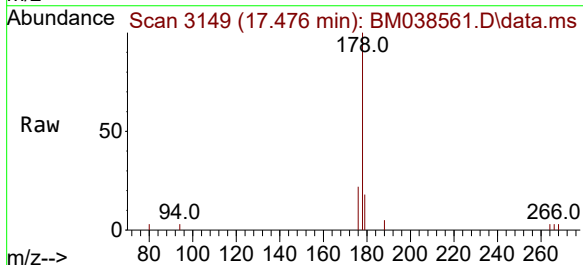
Instrument :
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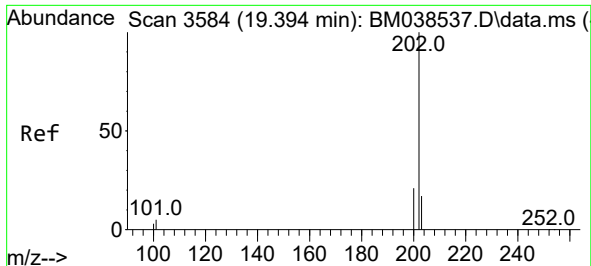
Tgt Ion:178	Resp:	3191
Ion Ratio	Lower	Upper
178	100	
179	18.1	13.0 19.4
176	21.8	16.4 24.6



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:178	Resp:	3004
Ion Ratio	Lower	Upper
178	100	
179	18.5	13.2 19.8
176	22.2	16.2 24.4

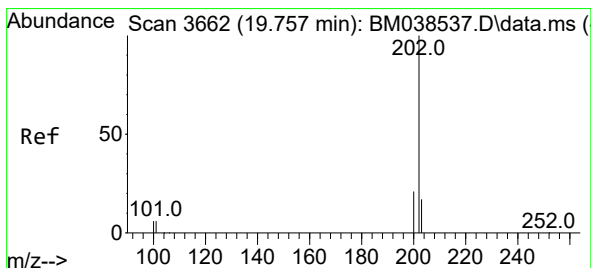
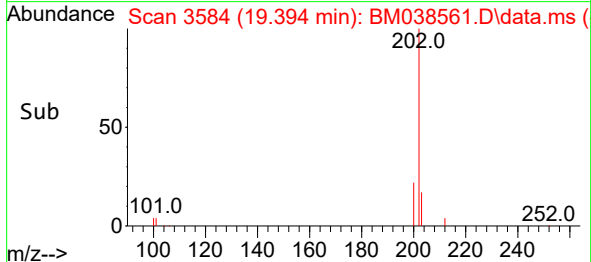
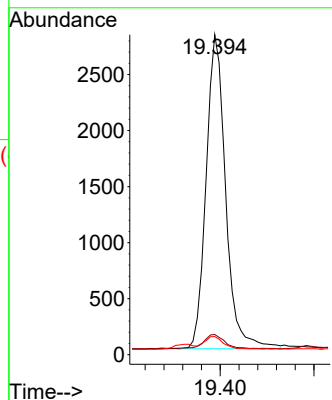
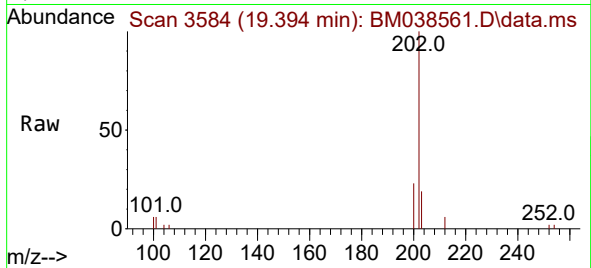




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

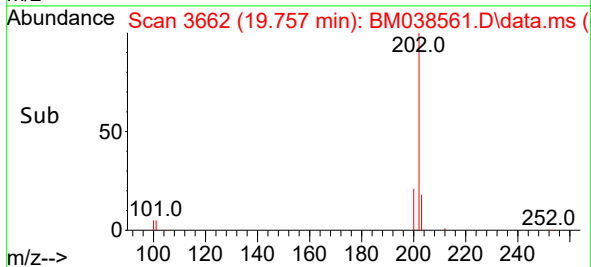
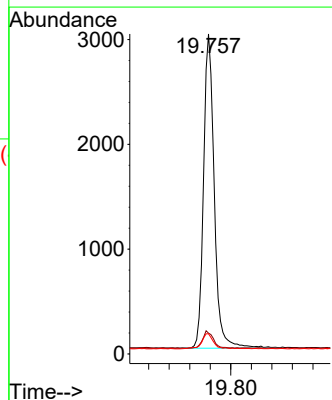
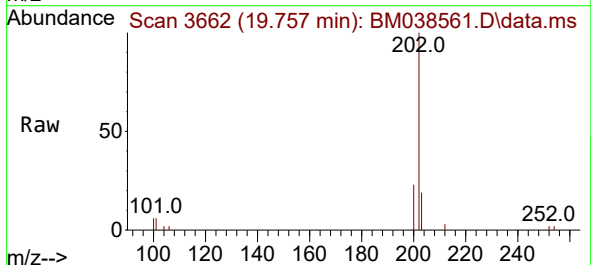
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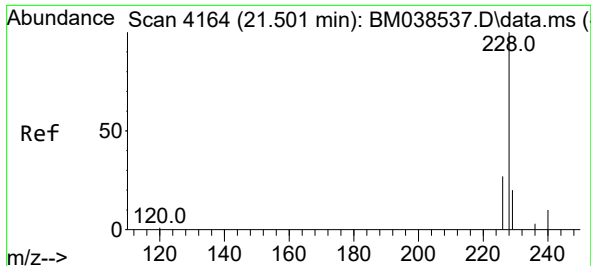
Tgt Ion:202 Resp: 4059
Ion Ratio Lower Upper
202 100
101 6.3 5.3 7.9
100 5.6 4.2 6.2



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:202 Resp: 4352
Ion Ratio Lower Upper
202 100
101 6.5 5.9 8.9
100 6.3 5.2 7.8

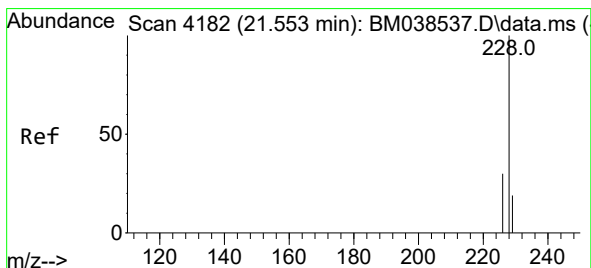
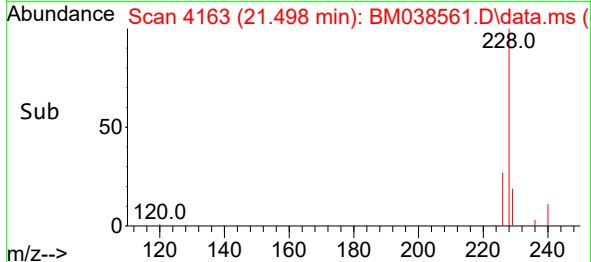
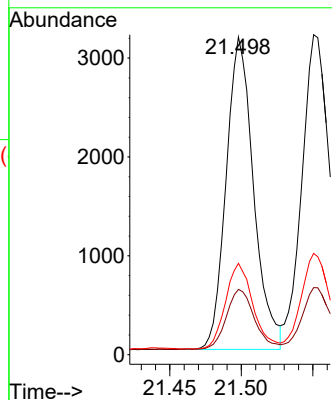
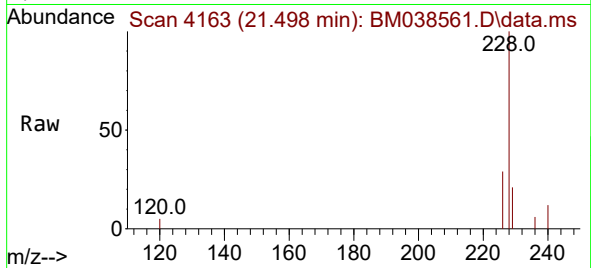




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

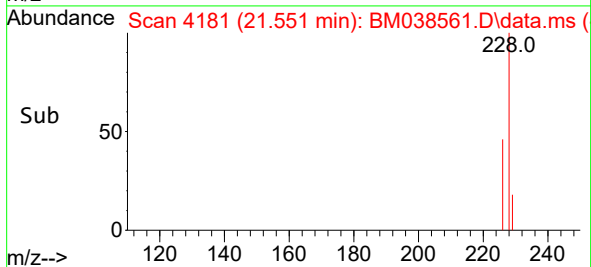
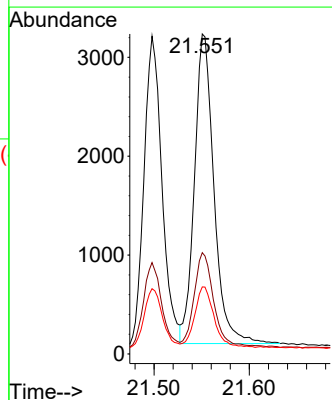
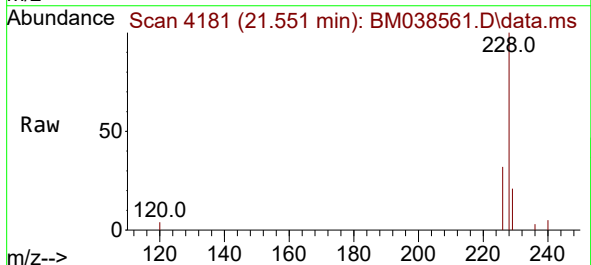
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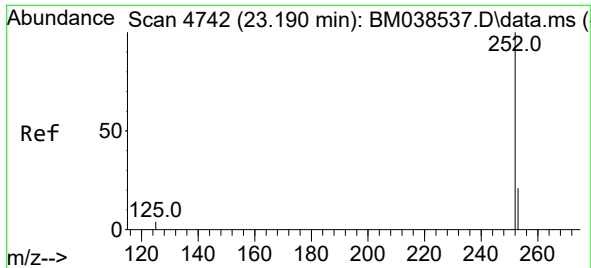
Tgt Ion:228 Resp: 4222
Ion Ratio Lower Upper
228 100
229 20.5 16.7 25.1
226 28.8 22.2 33.4



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:228 Resp: 4455
Ion Ratio Lower Upper
228 100
226 31.6 24.6 36.8
229 20.9 16.2 24.4

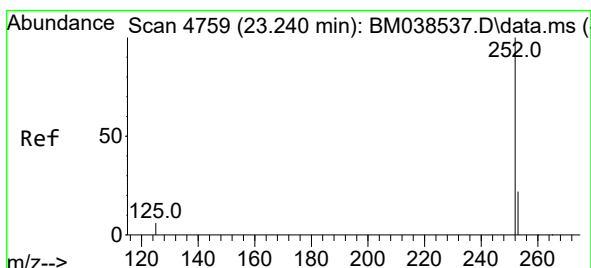
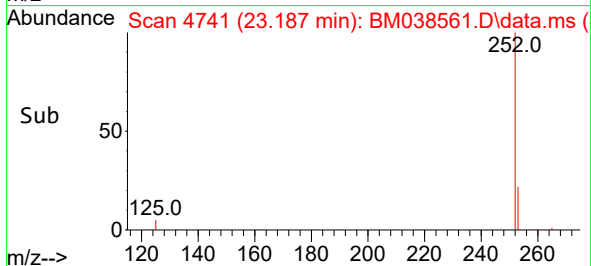
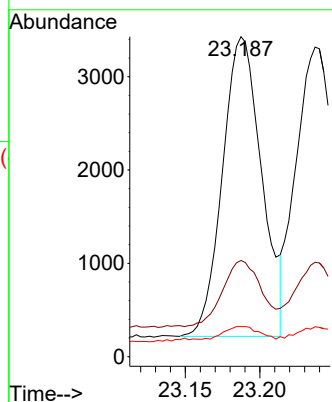
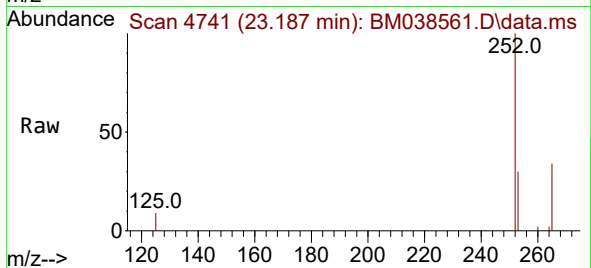




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

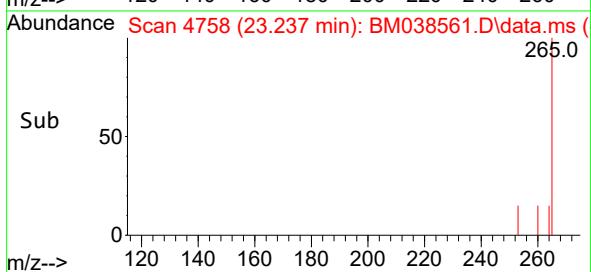
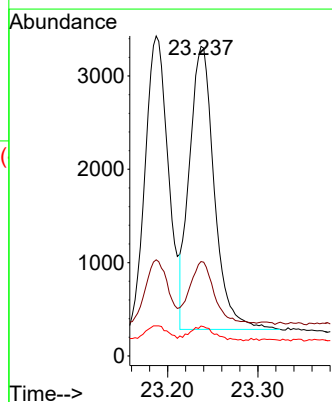
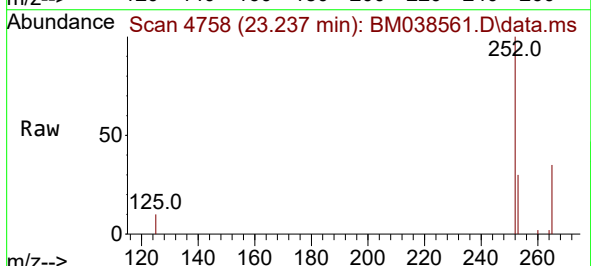
Instrument :
BNA_M
ClientSampleId :
SLCS406

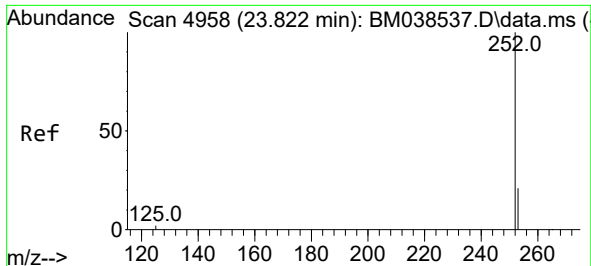
Tgt Ion:252 Resp: 5859
Ion Ratio Lower Upper
252 100
253 30.1 0.0 56.6
125 9.4 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:252 Resp: 5799
Ion Ratio Lower Upper
252 100
253 30.5 23.1 34.7
125 9.6 8.4 12.6

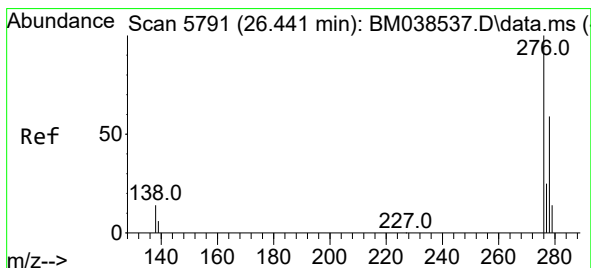
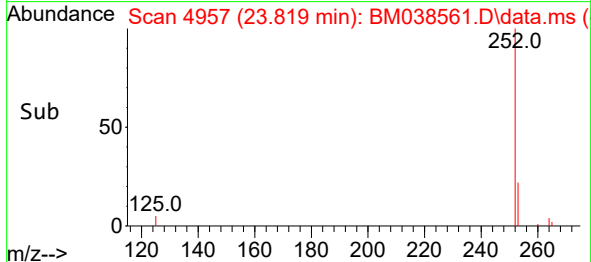
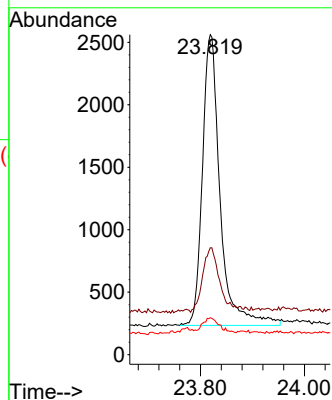
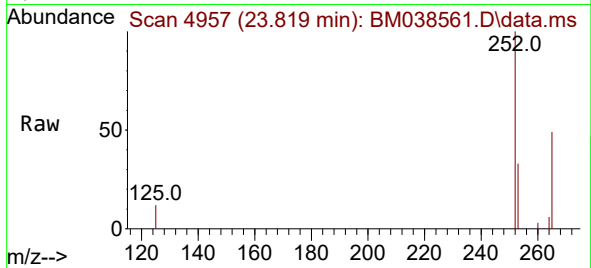




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.819 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

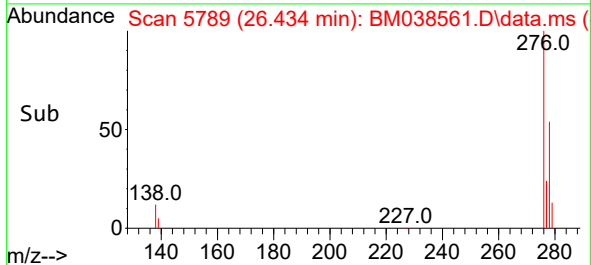
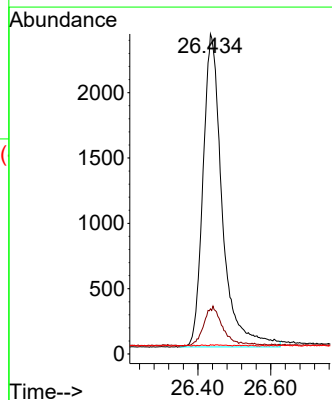
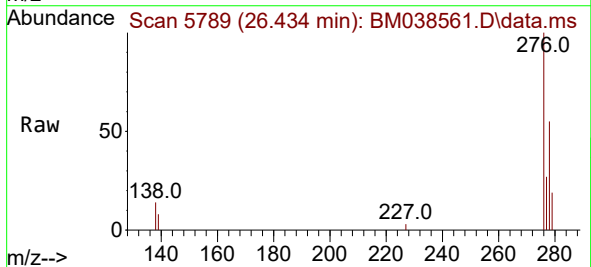
Instrument :
BNA_M
ClientSampleId :
SLCS406

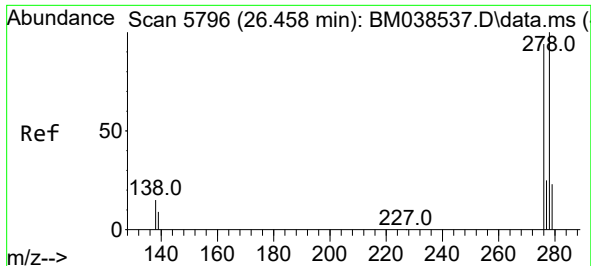
Tgt Ion:252 Resp: 5495
Ion Ratio Lower Upper
252 100
253 33.4 25.1 37.7
125 11.6 10.0 15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.434 min Scan# 5789
Delta R.T. -0.007 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:276 Resp: 8759
Ion Ratio Lower Upper
276 100
138 0.0 11.7 17.5#
227 0.0 0.3 0.5#

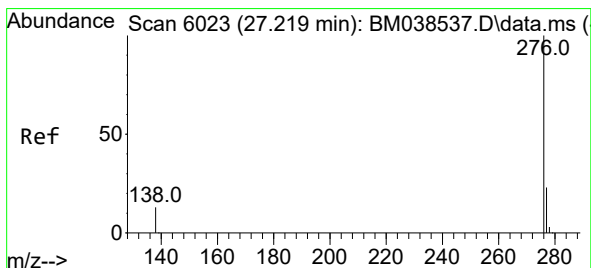
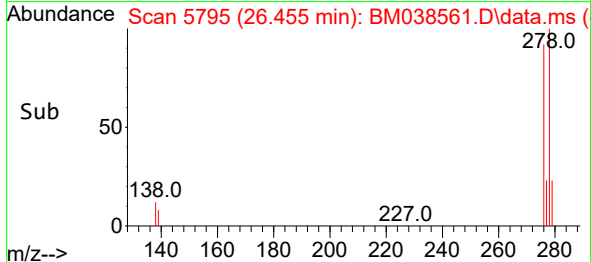
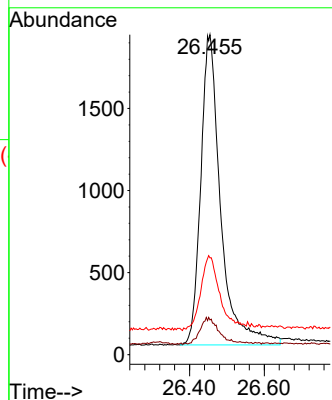
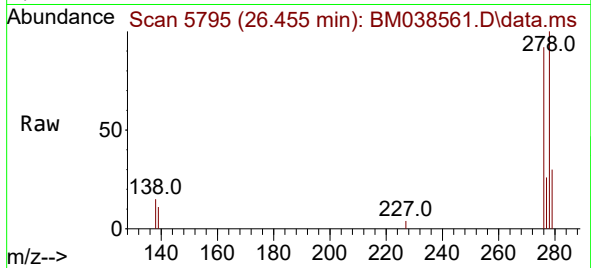




#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.455 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Instrument :
BNA_M
ClientSampleId :
SLCS406

Tgt Ion:278 Resp: 7002
Ion Ratio Lower Upper
278 100
139 10.8 9.8 14.8
279 30.3 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.213 min Scan# 6021
Delta R.T. -0.007 min
Lab File: BM038561.D
Acq: 26 Jan 2023 23:09

Tgt Ion:276 Resp: 7883
Ion Ratio Lower Upper
276 100
138 13.7 12.6 19.0
277 25.9 20.5 30.7

