

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020823\
 Data File : BM038718.D
 Acq On : 08 Feb 2023 13:33
 Operator : CG/JU
 Sample : PB150699BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS699

Quant Time: Feb 08 23:56:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:57:50 2023
 Response via : Initial Calibration

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

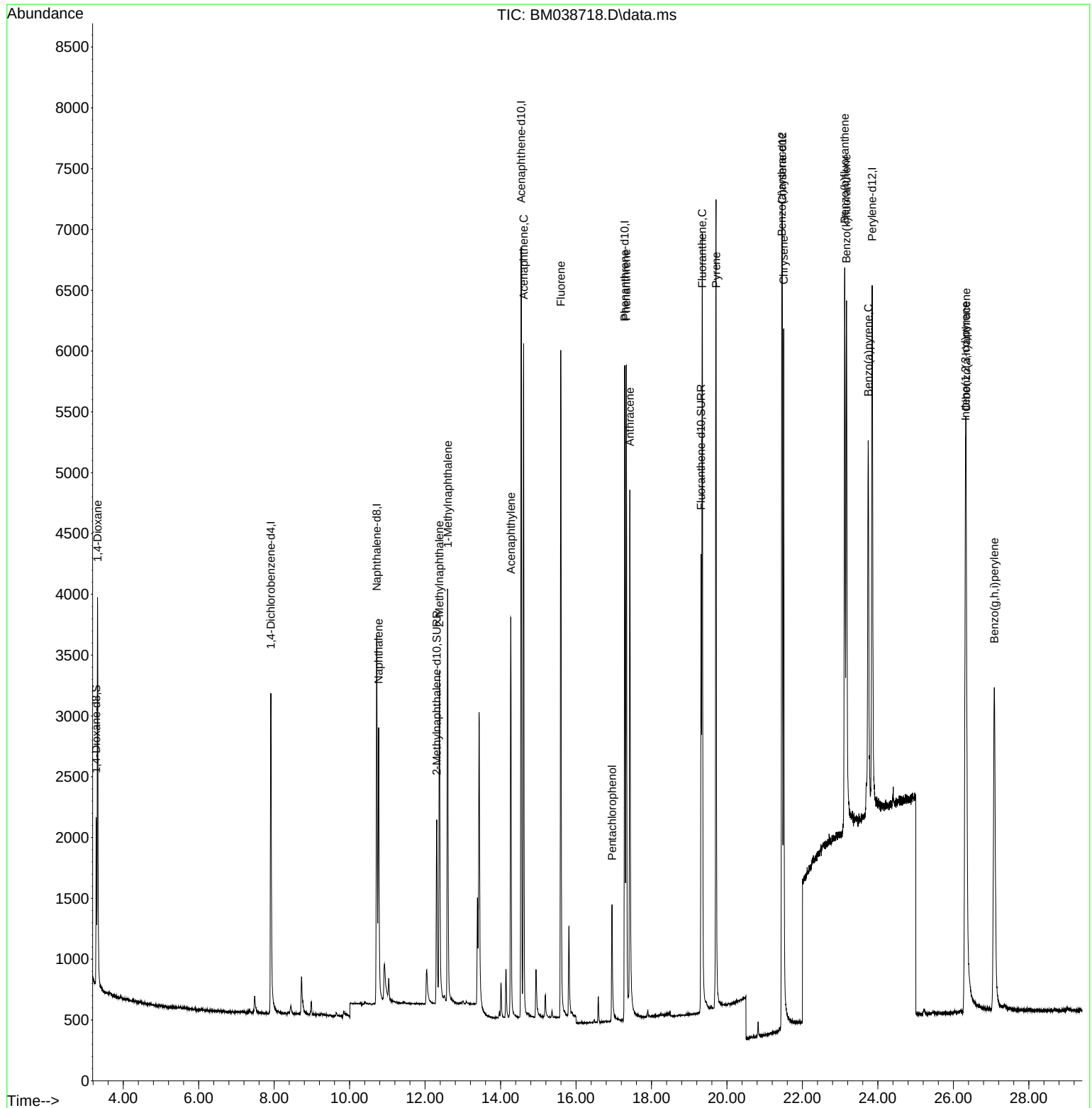
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1771	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	4832	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	3504	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7150	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	5272	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	6137	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	991	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	2405	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	4669	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	2397	1.344	ng/ul#	89
5) Naphthalene	10.768	128	3279	0.277	ng/ul	97
7) 2-Methylnaphthalene	12.379	142	2374	0.280	ng/ul	99
8) 1-Methylnaphthalene	12.599	142	2533	0.293	ng/ul	100
10) Acenaphthylene	14.273	152	4091	0.274	ng/ul	99
11) Acenaphthene	14.610	153	3187	0.281	ng/ul	100
12) Fluorene	15.596	166	3768	0.278	ng/ul	100
14) Pentachlorophenol	16.953	266	838	0.423	ng/ul	95
15) Phenanthrene	17.333	178	5934	0.278	ng/ul	99
16) Anthracene	17.426	178	5325	0.271	ng/ul	99
19) Fluoranthene	19.343	202	6134	0.294	ng/ul	98
20) Pyrene	19.710	202	6470	0.290	ng/ul	99
21) Benzo(a)anthracene	21.451	228	4830	0.274	ng/ul	99
22) Chrysene	21.504	228	4981	0.270	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	6397	0.289	ng/ul	98
25) Benzo(k)fluoranthene	23.167	252	6267	0.285	ng/ul	99
26) Benzo(a)pyrene	23.743	252	5498	0.277	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.320	276	7678	0.249	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.337	278	6006	0.248	ng/ul	97
29) Benzo(g,h,i)perylene	27.088	276	6841	0.248	ng/ul	97

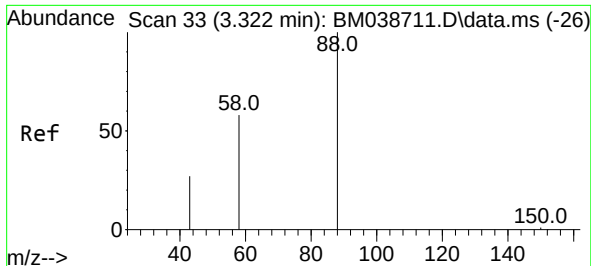
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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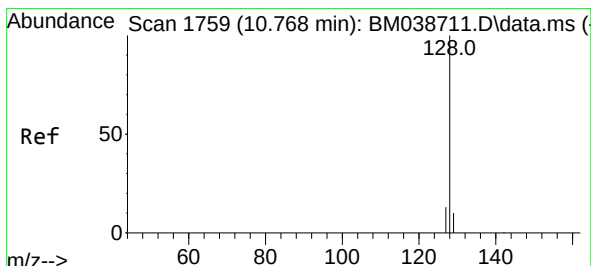
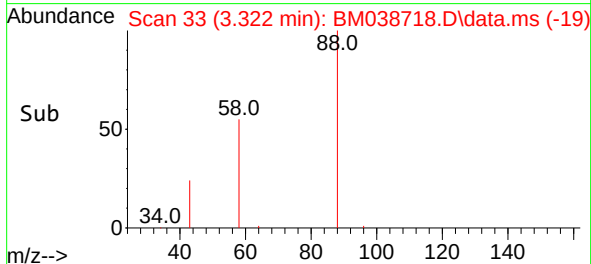
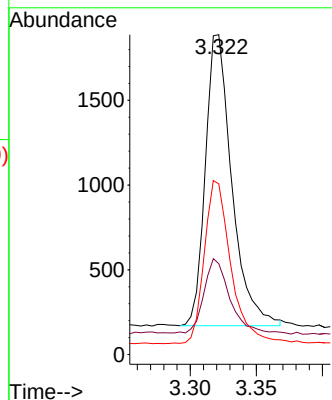
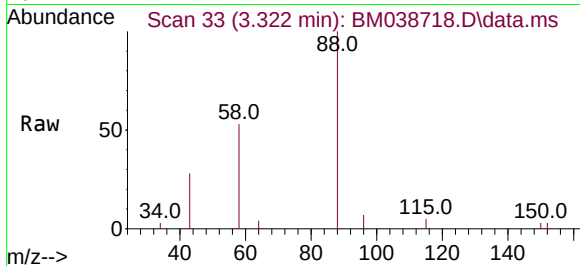




#2
1,4-Dioxane
Concen: 1.344 ng/ul
RT: 3.322 min Scan# 33
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

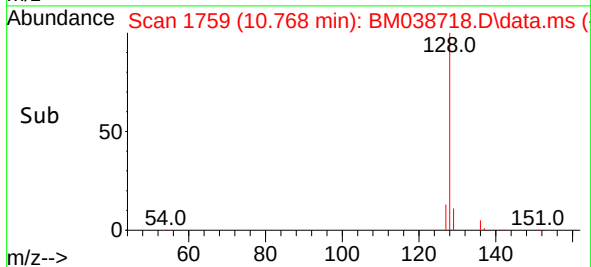
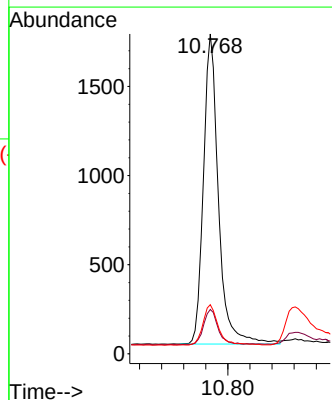
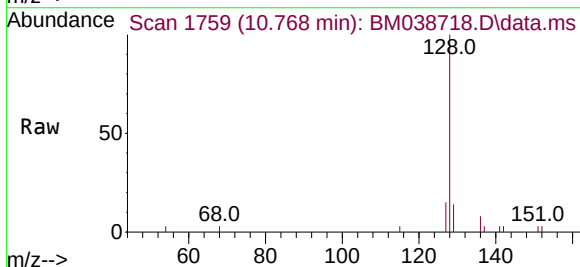
Instrument :
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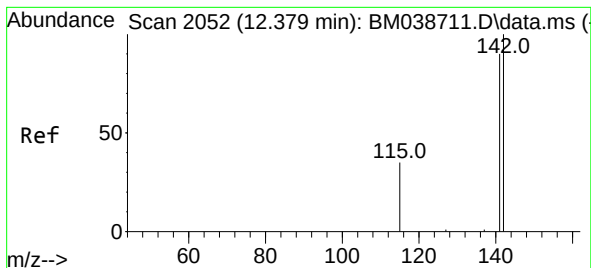
Tgt Ion: 88 Resp: 2397
Ion Ratio Lower Upper
88 100
43 28.4 28.4 42.6#
58 53.4 37.7 56.5



#5
Naphthalene
Concen: 0.277 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion: 128 Resp: 3279
Ion Ratio Lower Upper
128 100
129 13.9 10.2 15.4
127 15.4 11.2 16.8

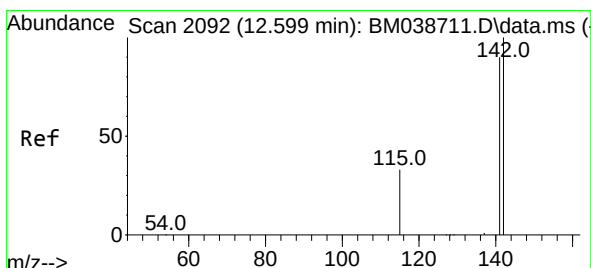
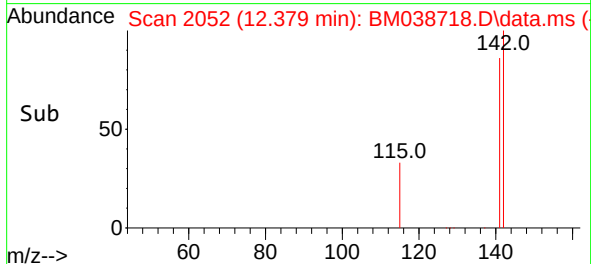
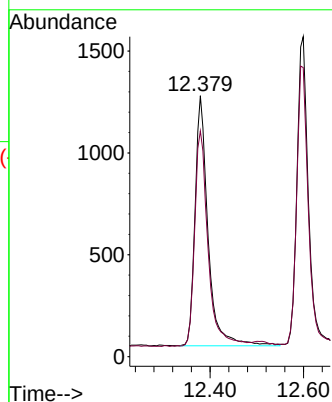
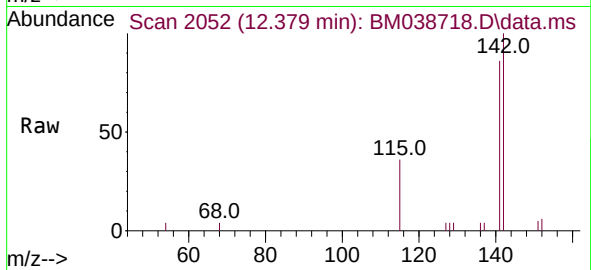




#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.379 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

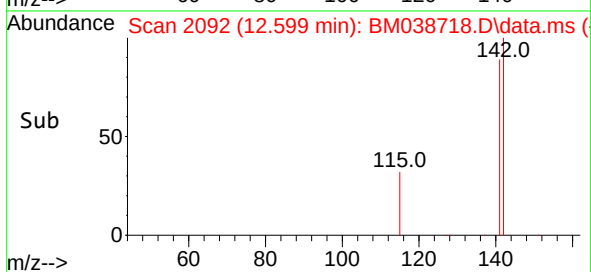
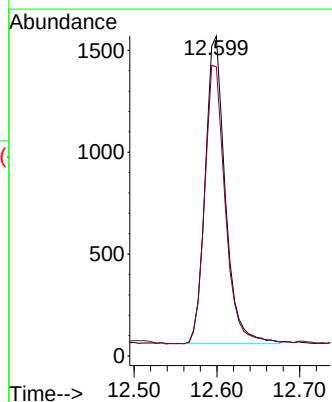
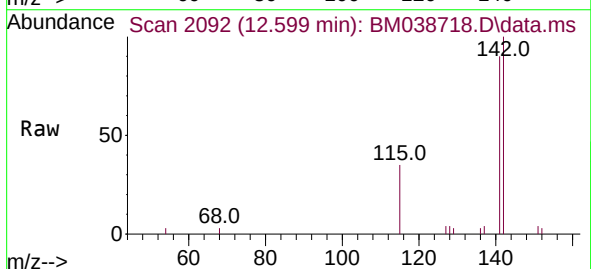
Instrument :
BNA_M
ClientSampleId :
SLCS699

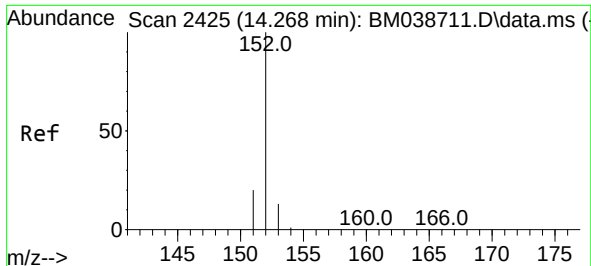
Tgt Ion:142 Resp: 2374
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:142 Resp: 2533
Ion Ratio Lower Upper
142 100
141 92.9 74.6 112.0

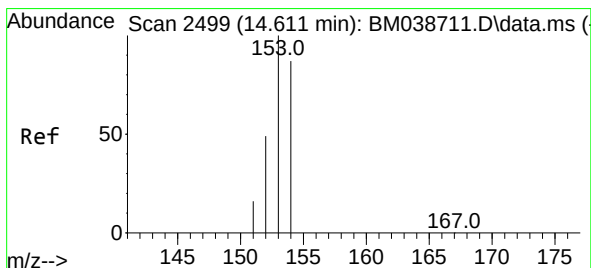
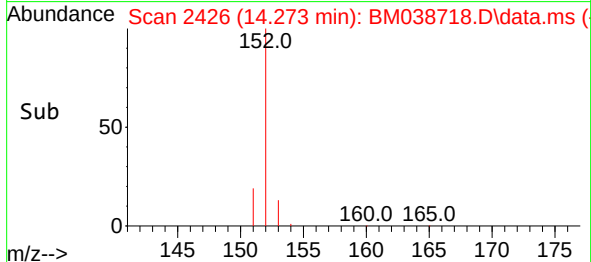
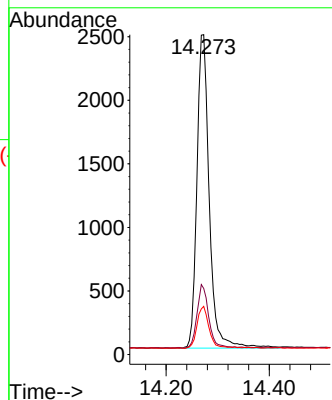
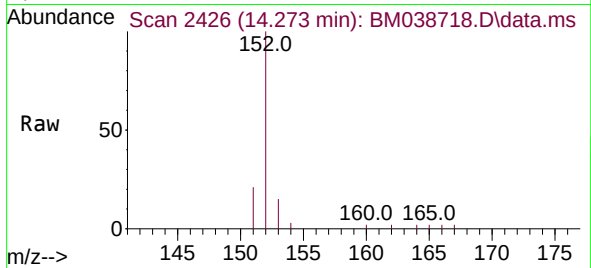




#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

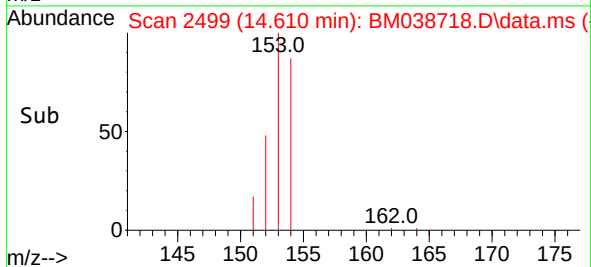
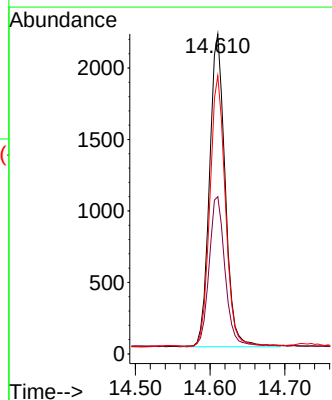
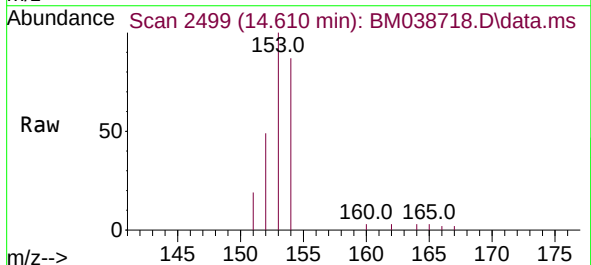
Instrument :
BNA_M
ClientSampleId :
SLCS699

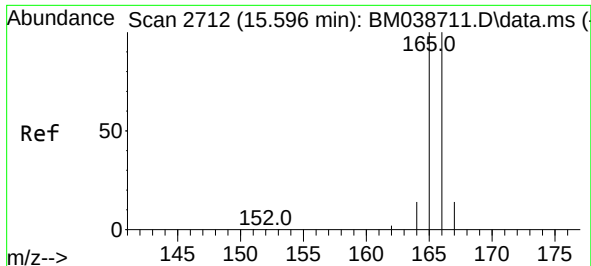
Tgt Ion:152 Resp: 4091
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 15.1 11.2 16.8



#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.610 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:153 Resp: 3187
Ion Ratio Lower Upper
153 100
152 49.1 39.6 59.4
154 86.9 69.6 104.4

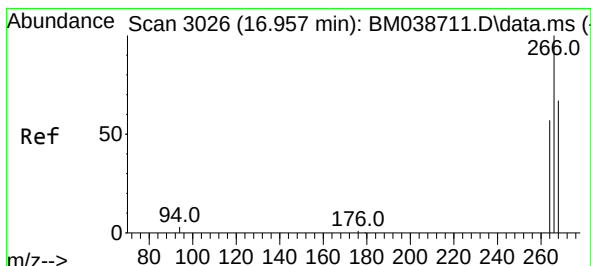
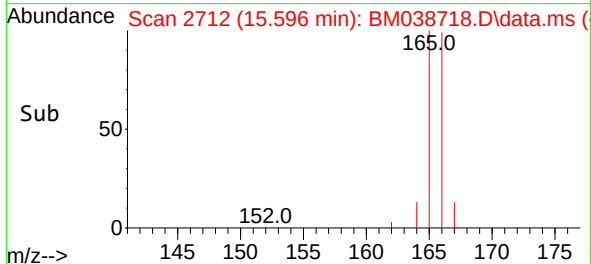
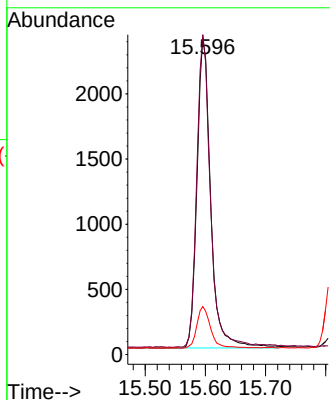
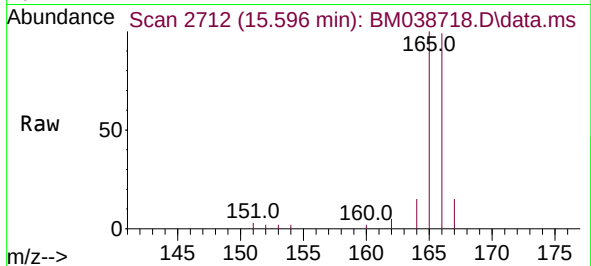




#12
 Fluorene
 Concen: 0.278 ng/ul
 RT: 15.596 min Scan# 2712
 Delta R.T. -0.000 min
 Lab File: BM038718.D
 Acq: 08 Feb 2023 13:33

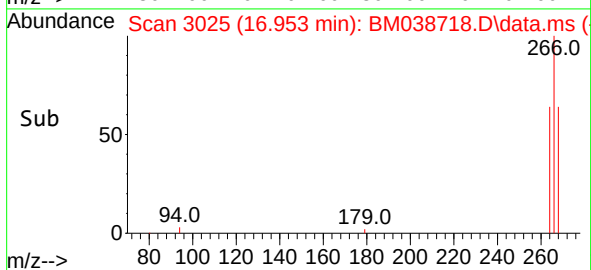
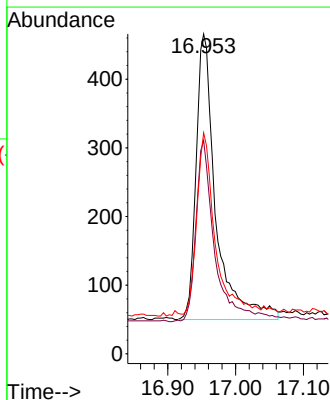
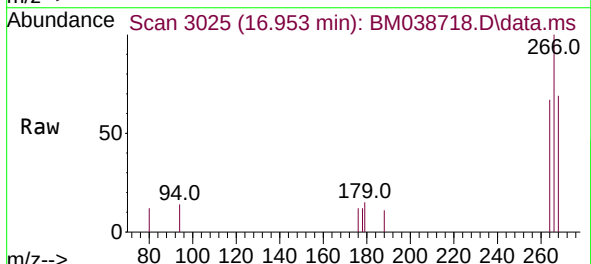
Instrument :
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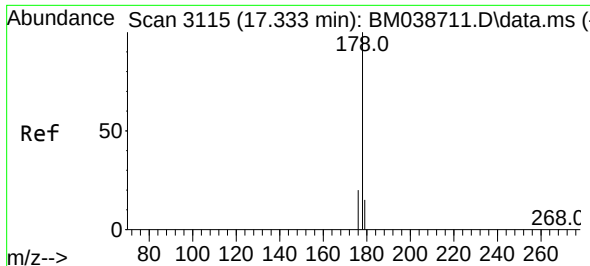
Tgt Ion:166 Resp: 3768
 Ion Ratio Lower Upper
 166 100
 165 101.0 80.7 121.1
 167 15.2 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.423 ng/ul
 RT: 16.953 min Scan# 3025
 Delta R.T. -0.004 min
 Lab File: BM038718.D
 Acq: 08 Feb 2023 13:33

Tgt Ion:266 Resp: 838
 Ion Ratio Lower Upper
 266 100
 264 61.7 47.3 70.9
 268 58.6 50.9 76.3

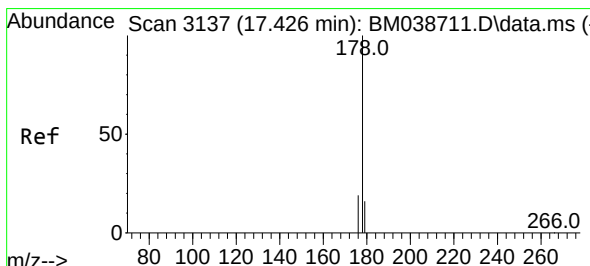
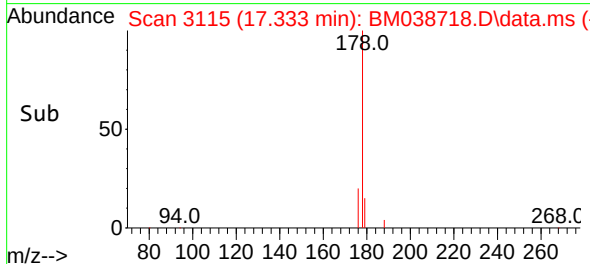
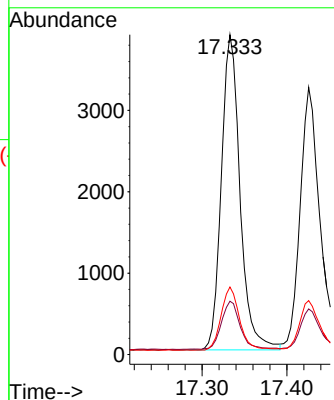
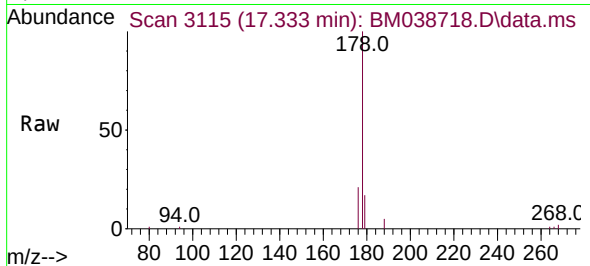




#15
Phenanthrene
Concen: 0.278 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

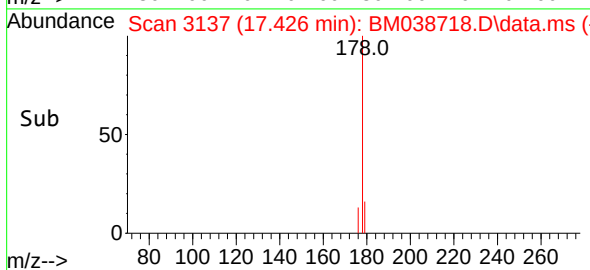
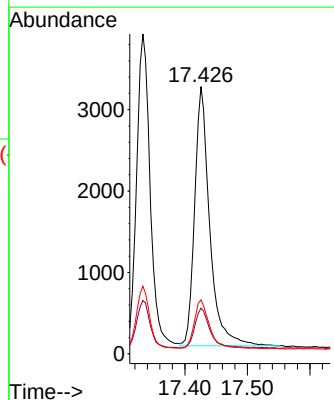
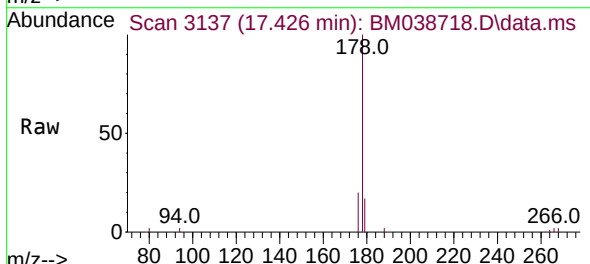
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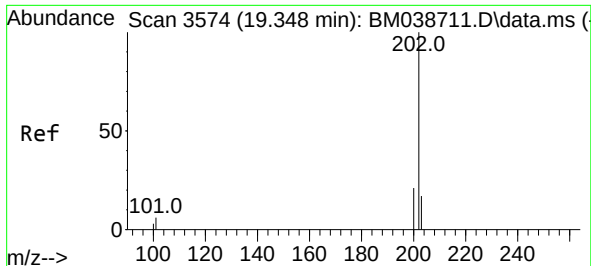
Tgt Ion:	178	Resp:	5934
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.0	19.6
176	21.1	16.5	24.7



#16
Anthracene
Concen: 0.271 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:	178	Resp:	5325
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.2	19.8
176	20.2	16.6	24.8

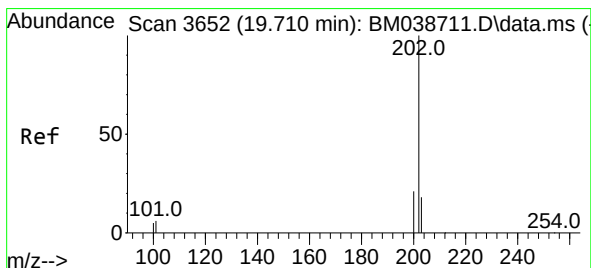
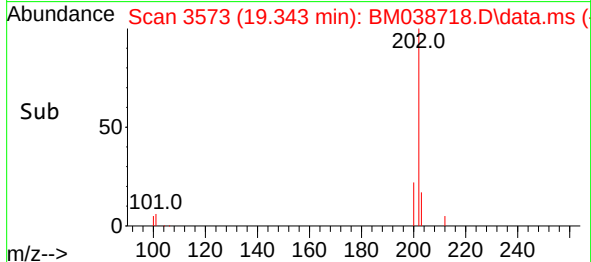
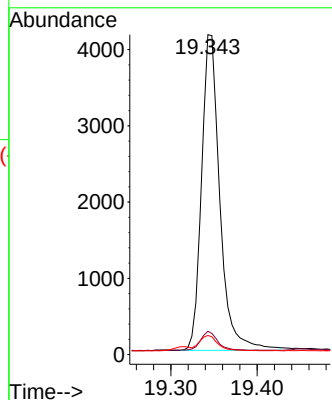
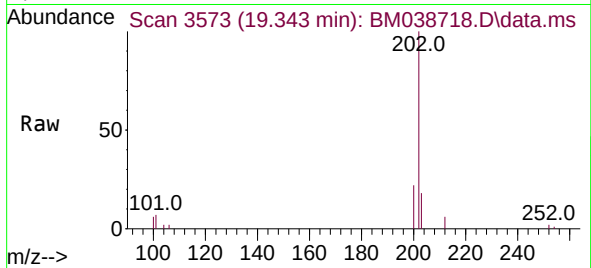




#19
Fluoranthene
Concen: 0.294 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

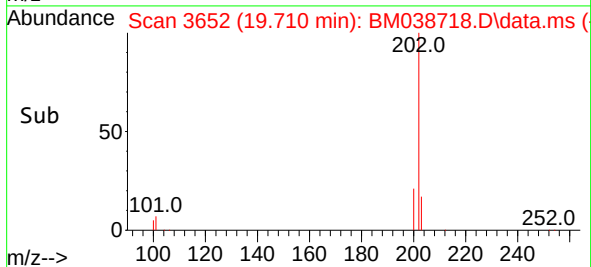
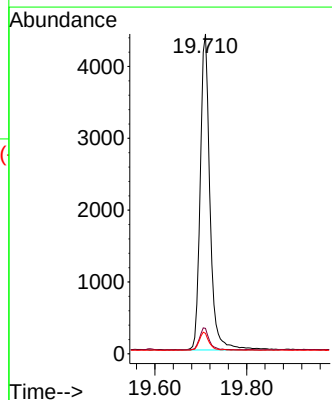
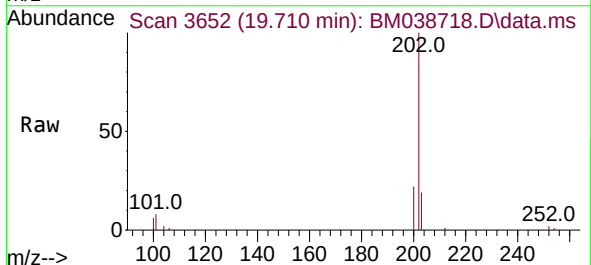
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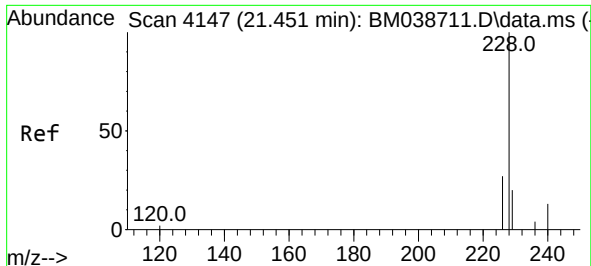
Tgt Ion:	202	Resp:	6134
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.0	7.6
100	6.0	4.6	6.8



#20
Pyrene
Concen: 0.290 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:	202	Resp:	6470
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.2	9.2
100	6.4	5.2	7.8

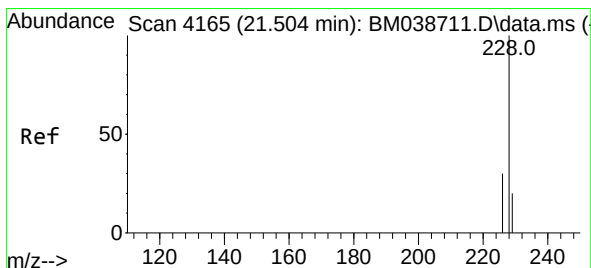
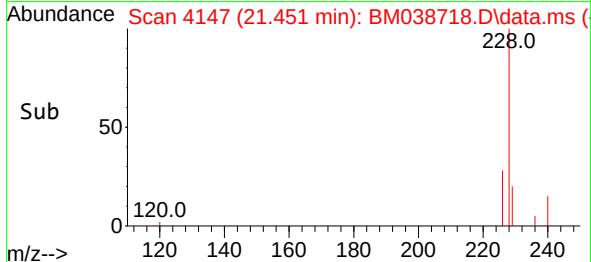
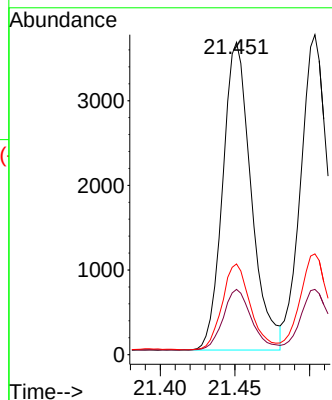
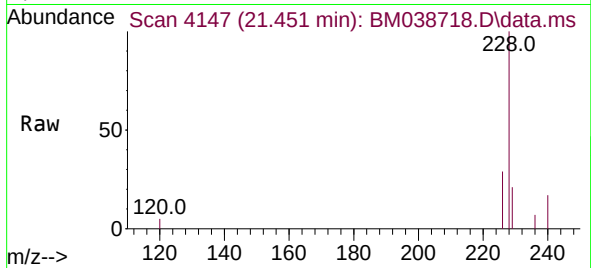




#21
Benzo(a)anthracene
Concen: 0.274 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

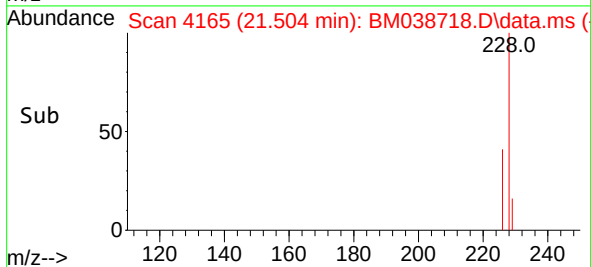
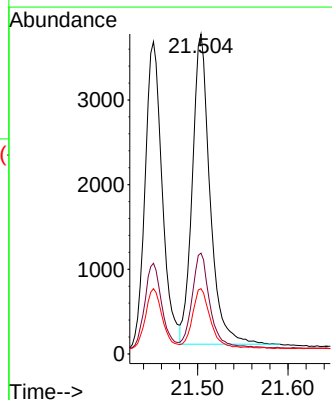
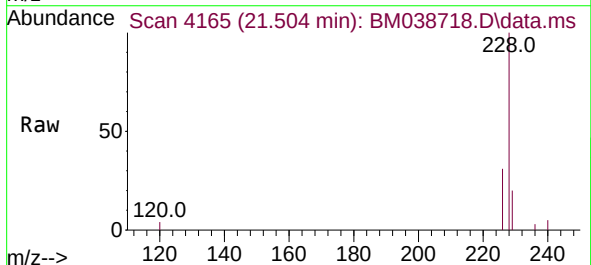
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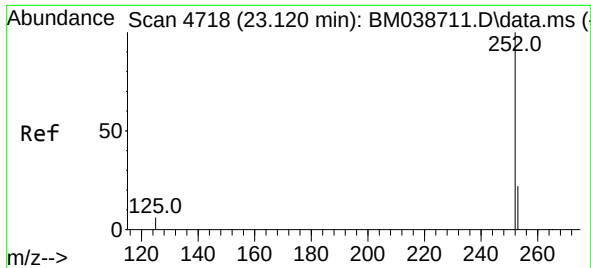
Tgt Ion:228 Resp: 4830
Ion Ratio Lower Upper
228 100
229 20.9 17.0 25.6
226 29.0 23.0 34.6



#22
Chrysene
Concen: 0.270 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:228 Resp: 4981
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.0
229 20.4 16.0 24.0

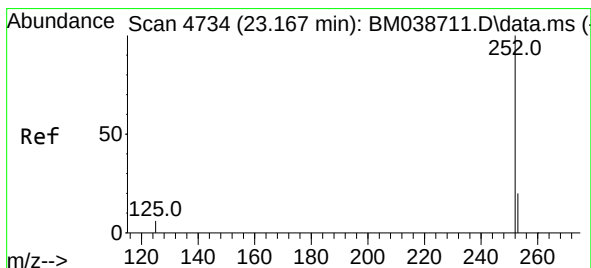
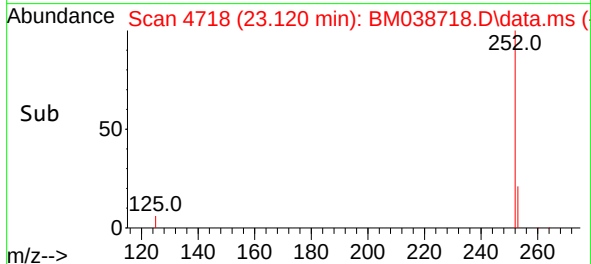
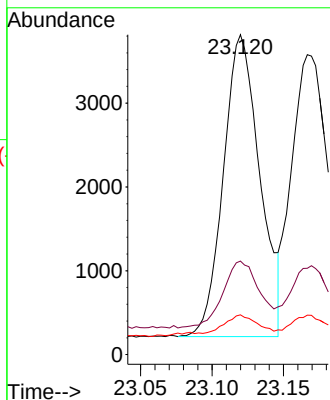
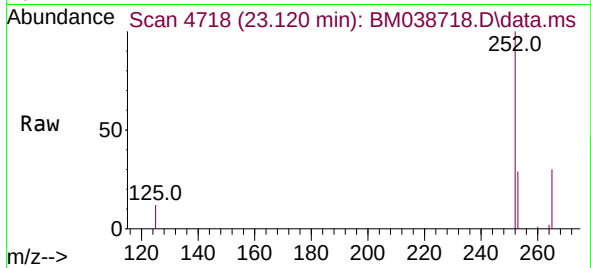




#24
Benzo(b)fluoranthene
Concen: 0.289 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

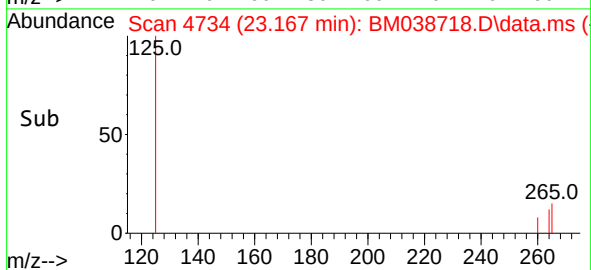
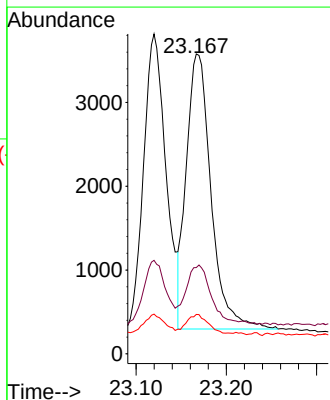
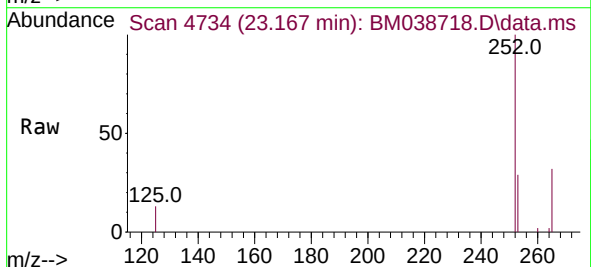
Instrument :
BNA_M
ClientSampleId :
SLCS699

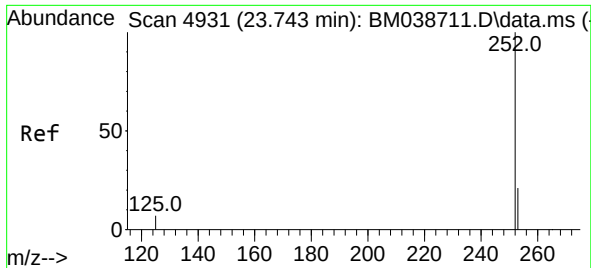
Tgt Ion:252	Resp:	6397	
Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	56.4
125	12.4	0.0	22.8



#25
Benzo(k)fluoranthene
Concen: 0.285 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:252	Resp:	6267	
Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.0	34.6
125	13.1	9.4	14.0

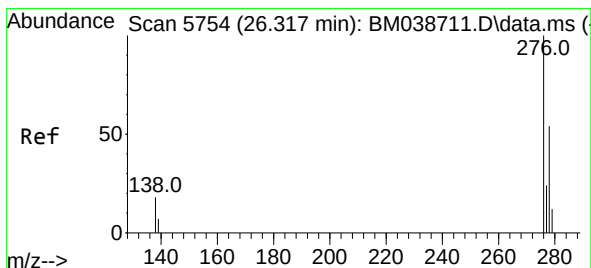
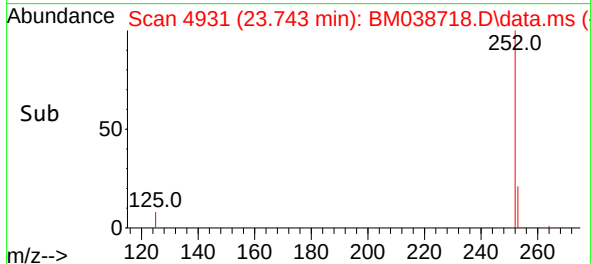
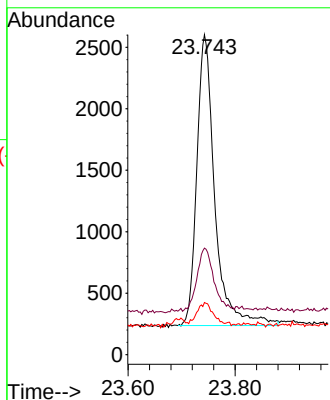
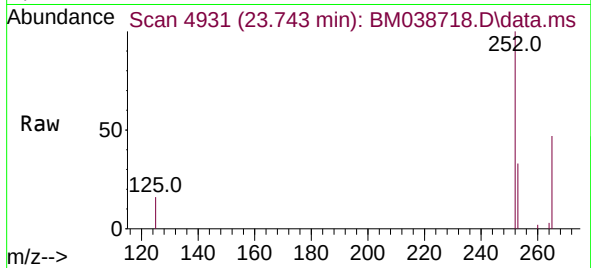




#26
Benzo(a)pyrene
Concen: 0.277 ng/ul
RT: 23.743 min Scan# 4931
Delta R.T. -0.003 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

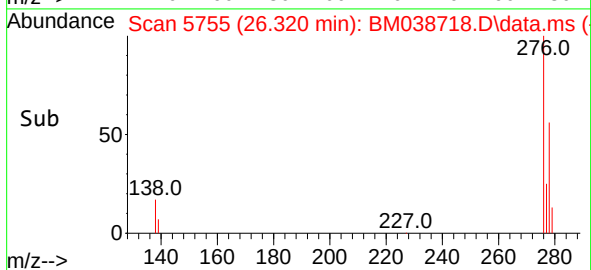
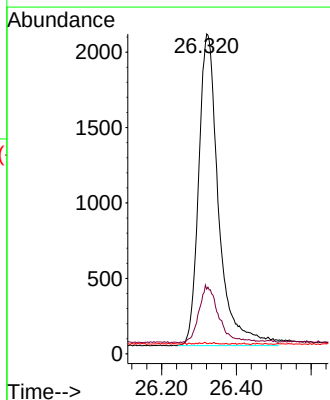
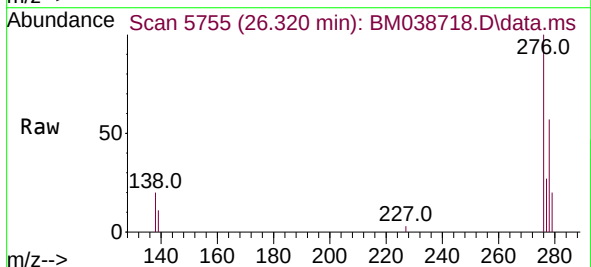
Instrument :
BNA_M
ClientSampleId :
SLCS699

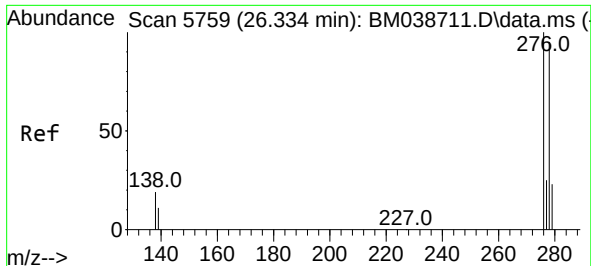
Tgt Ion:	252	Resp:	5498
Ion Ratio	Lower	Upper	
252	100		
253	33.3	25.2	37.8
125	16.3	11.4	17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.320 min Scan# 5755
Delta R.T. -0.007 min
Lab File: BM038718.D
Acq: 08 Feb 2023 13:33

Tgt Ion:	276	Resp:	7678
Ion Ratio	Lower	Upper	
276	100		
138	18.7	13.5	20.3
227	0.1	0.2	0.2

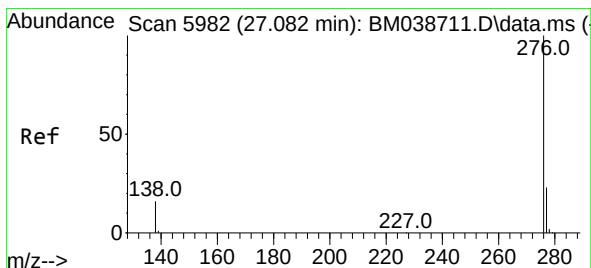
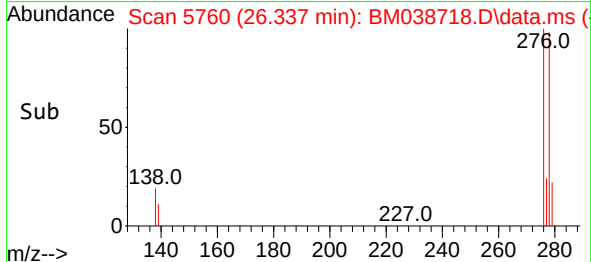
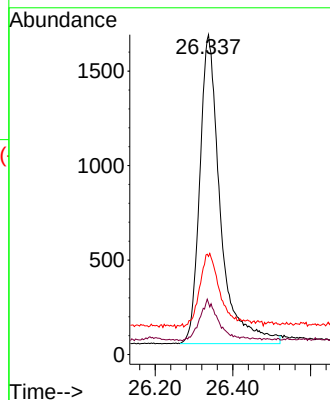
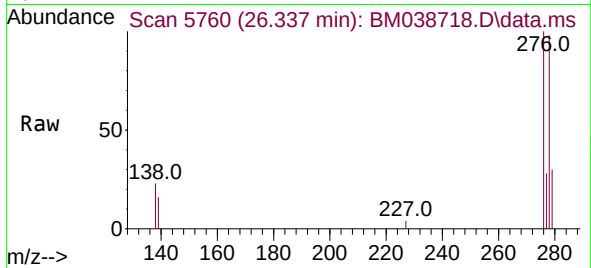




#28
 Dibenzo(a,h)anthracene
 Concen: 0.248 ng/ul
 RT: 26.337 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM038718.D
 Acq: 08 Feb 2023 13:33

Instrument :
 BNA_M
 ClientSampleId :
 SLCS699

Tgt Ion:278 Resp: 6006
 Ion Ratio Lower Upper
 278 100
 139 16.1 11.2 16.8
 279 30.7 23.8 35.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.248 ng/ul
 RT: 27.088 min Scan# 5984
 Delta R.T. -0.000 min
 Lab File: BM038718.D
 Acq: 08 Feb 2023 13:33

Tgt Ion:276 Resp: 6841
 Ion Ratio Lower Upper
 276 100
 138 19.1 14.5 21.7
 277 27.2 20.5 30.7

