

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038556.D
 Acq On : 26 Jan 2023 20:03
 Operator : CG/JU
 Sample : PB150402BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS402

Quant Time: Jan 27 00:44:49 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)

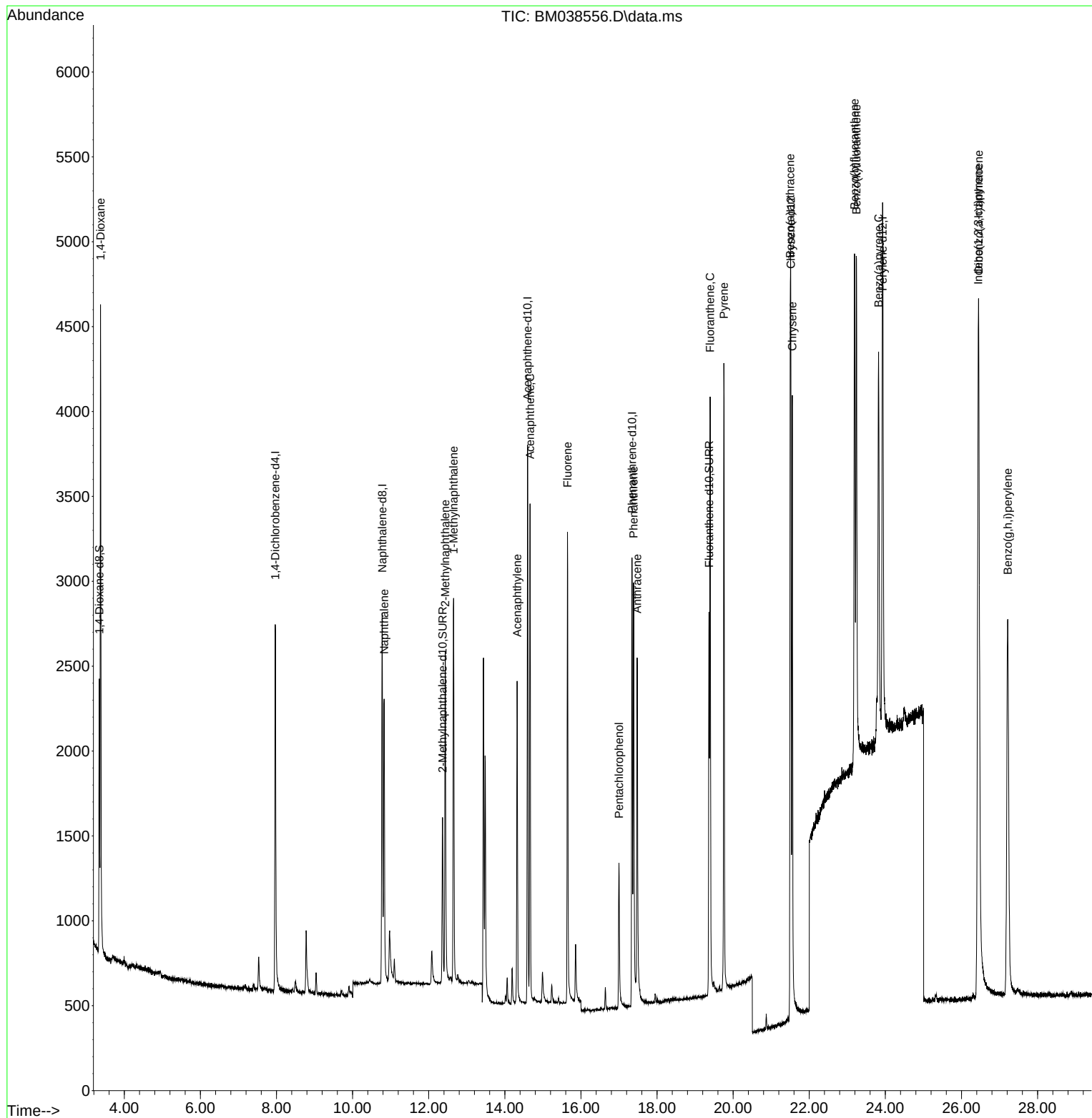
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	3216	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	1843	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	3633	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	3483	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4617	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1045	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1423	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	2955	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	2563	1.474	ng/ul#	23
5) Naphthalene	10.829	128	2428	0.232	ng/ul	98
7) 2-Methylnaphthalene	12.434	142	1503	0.272	ng/ul	96
8) 1-Methylnaphthalene	12.654	142	1561	0.274	ng/ul	99
10) Acenaphthylene	14.324	152	2245	0.276	ng/ul	97
11) Acenaphthene	14.661	153	1677	0.271	ng/ul	98
12) Fluorene	15.647	166	1922	0.248	ng/ul	96
14) Pentachlorophenol	16.999	266	705	0.476	ng/ul	99
15) Phenanthrene	17.384	178	2876	0.245	ng/ul	97
16) Anthracene	17.476	178	2672	0.267	ng/ul	96
19) Fluoranthene	19.394	202	3405	0.274	ng/ul	99
20) Pyrene	19.757	202	3552	0.266	ng/ul	99
21) Benzo(a)anthracene	21.501	228	3304	0.267	ng/ul	98
22) Chrysene	21.553	228	3376	0.272	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	4366	0.251	ng/ul	94
25) Benzo(k)fluoranthene	23.240	252	4410	0.261	ng/ul	95
26) Benzo(a)pyrene	23.822	252	4261	0.273	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.441	276	6600	0.300	ng/ul#	66
28) Dibenzo(a,h)anthracene	26.451	278	5294	0.303	ng/ul	97
29) Benzo(g,h,i)perylene	27.216	276	5912	0.310	ng/ul	97

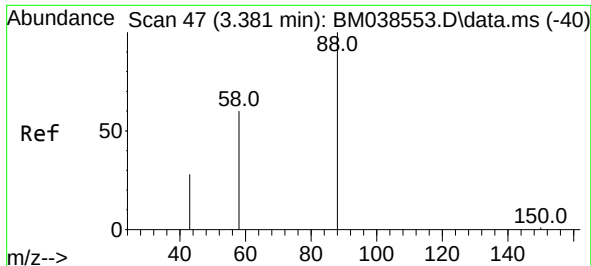
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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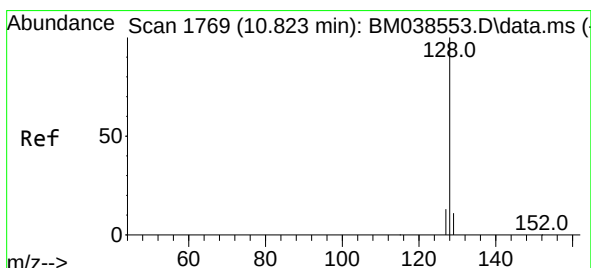
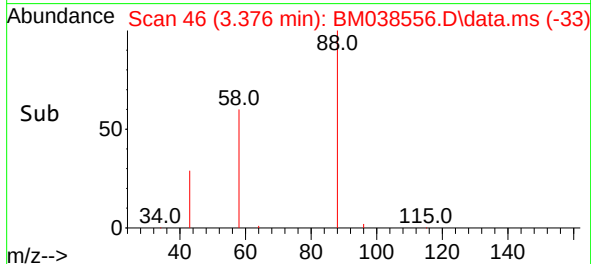
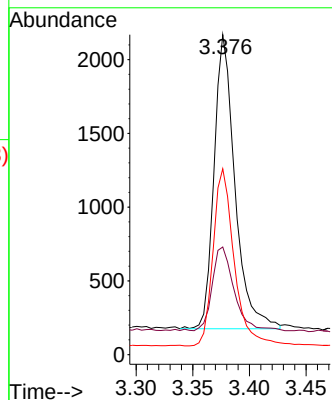
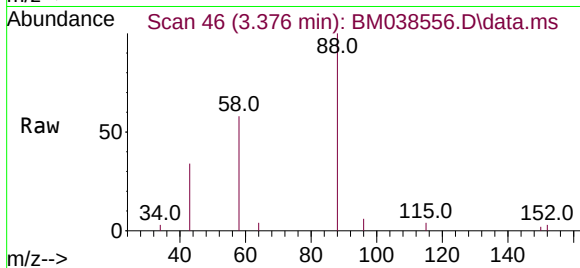




#2
1,4-Dioxane
Concen: 1.474 ng/ul
RT: 3.376 min Scan# 46
Delta R.T. -0.004 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

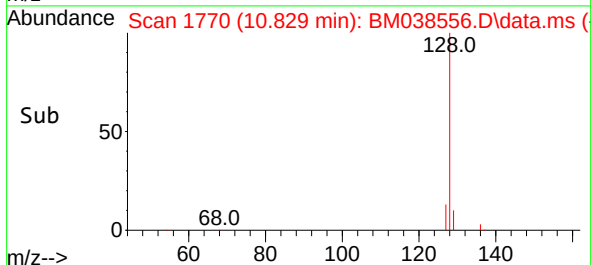
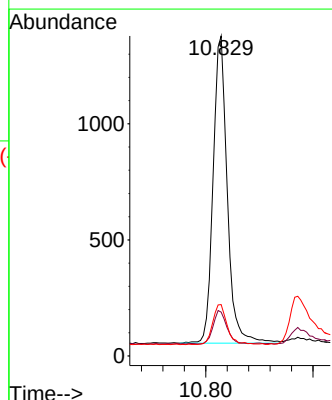
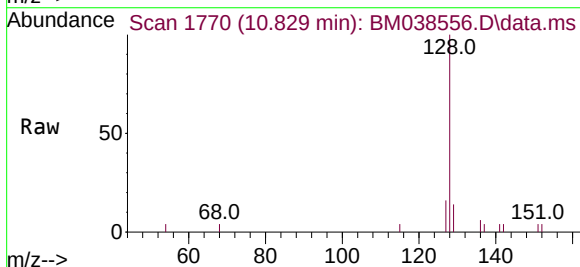
Instrument :
BNA_M
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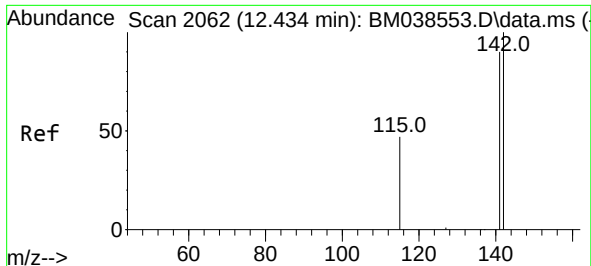
Tgt Ion: 88 Resp: 2563
Ion Ratio Lower Upper
88 100
43 33.6 141.3 211.9#
58 58.1 45.7 68.5



#5
Naphthalene
Concen: 0.232 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion: 128 Resp: 2428
Ion Ratio Lower Upper
128 100
129 13.7 10.3 15.5
127 16.0 11.9 17.9

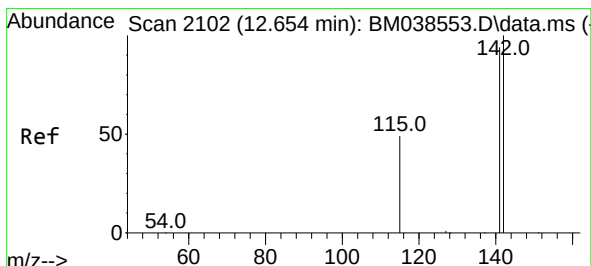
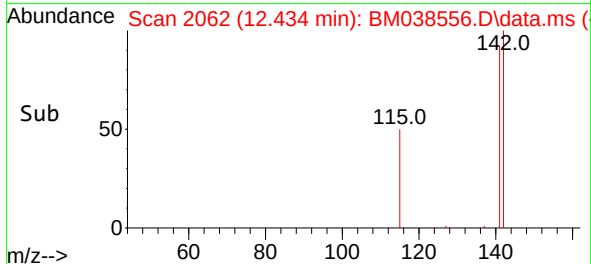
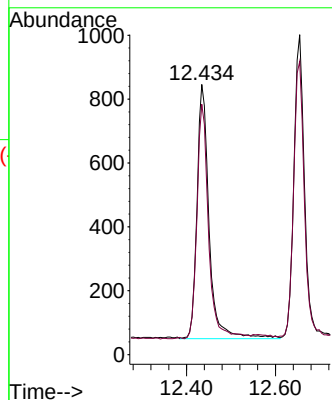
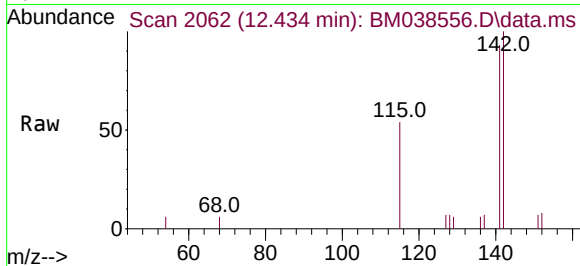




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

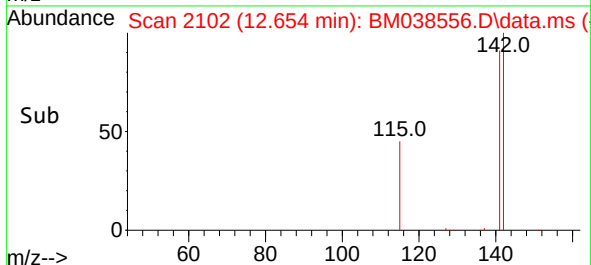
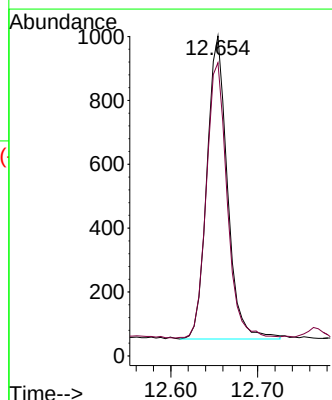
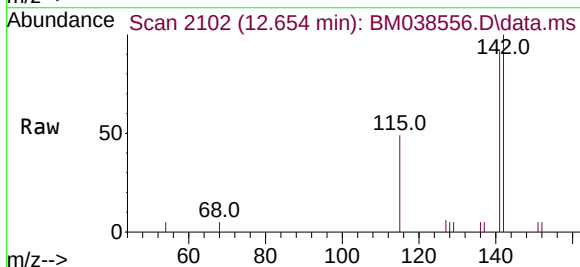
Instrument :
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ClientSampleId :
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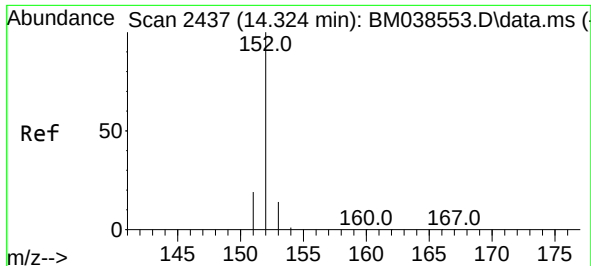
Tgt Ion:142 Resp: 1503
Ion Ratio Lower Upper
142 100
141 88.5 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:142 Resp: 1561
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0

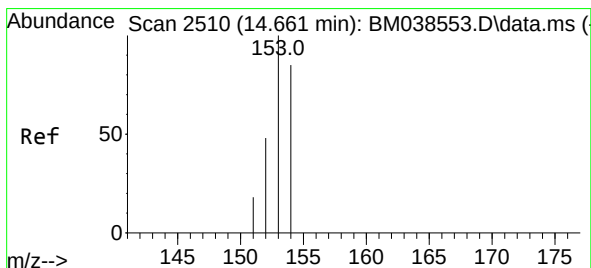
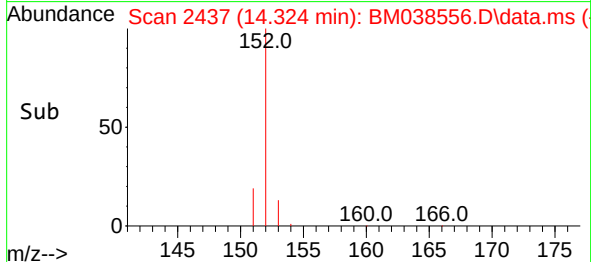
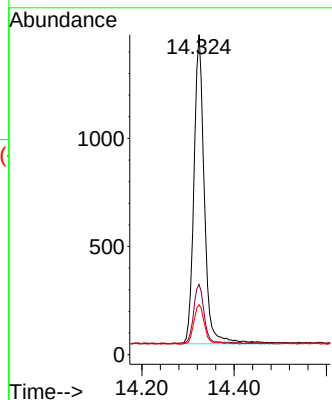
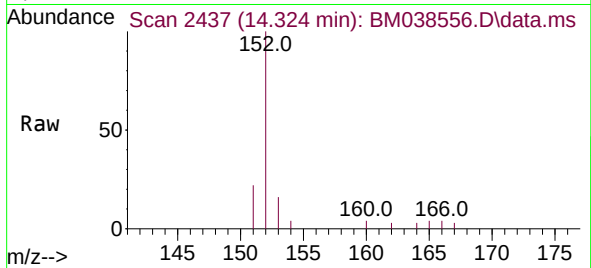




#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

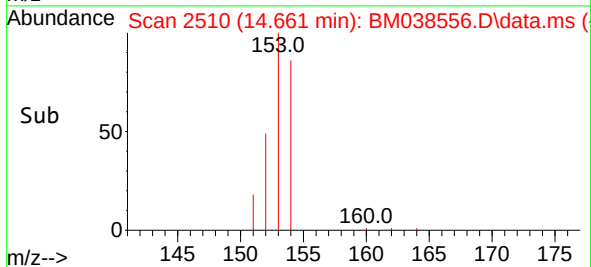
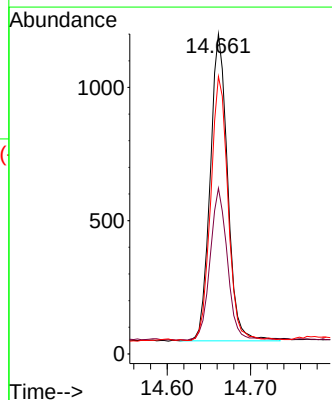
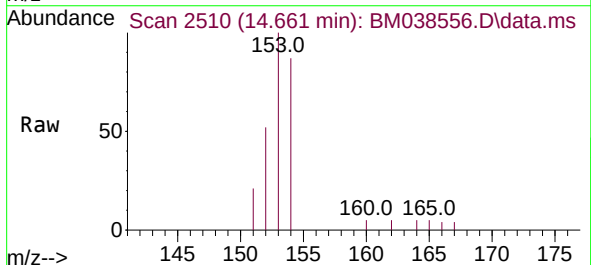
Instrument :
BNA_M
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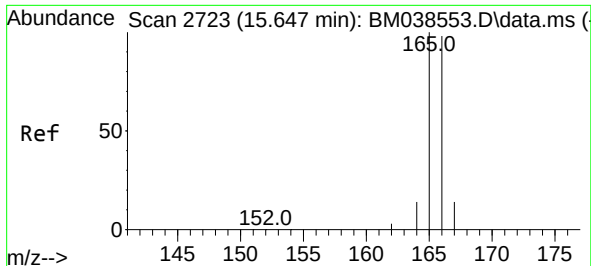
Tgt Ion:152	Resp:	2245
Ion Ratio	Lower	Upper
152	100	
151	22.0	16.3 24.5
153	15.6	11.8 17.6



#11
Acenaphthene
Concen: 0.271 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:153	Resp:	1677
Ion Ratio	Lower	Upper
153	100	
152	51.8	40.1 60.1
154	86.7	68.4 102.6

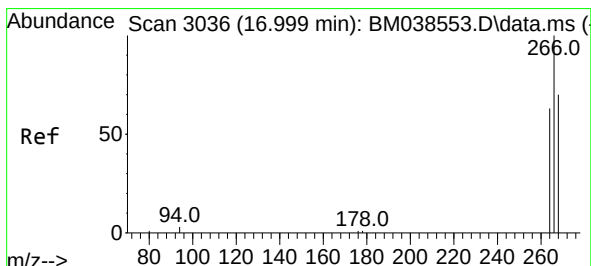
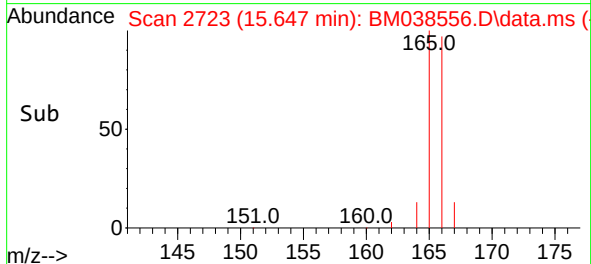
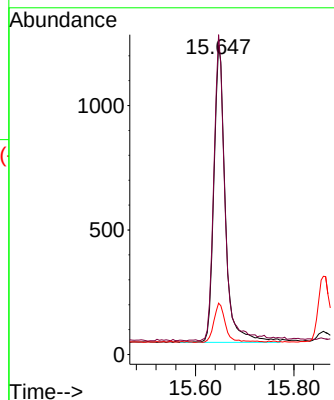
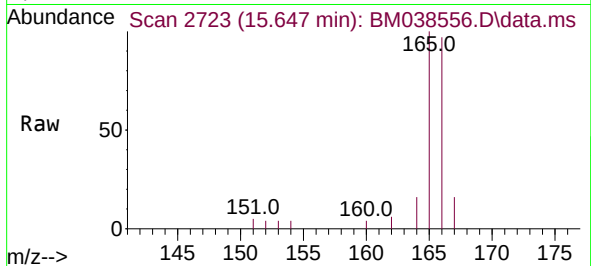




#12
 Fluorene
 Concen: 0.248 ng/ul
 RT: 15.647 min Scan# 2723
 Delta R.T. -0.000 min
 Lab File: BM038556.D
 Acq: 26 Jan 2023 20:03

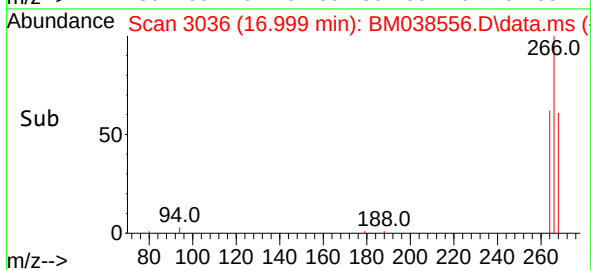
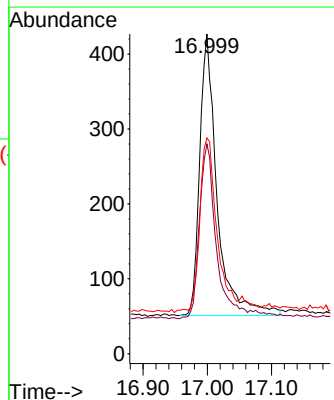
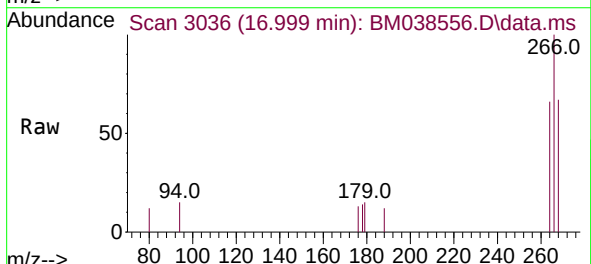
Instrument :
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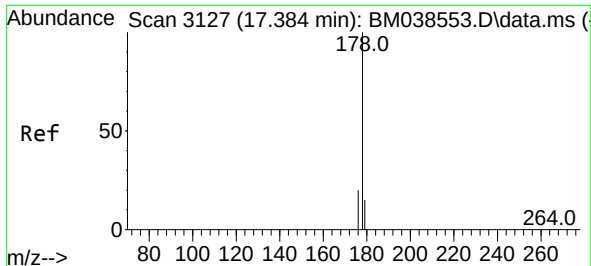
Tgt Ion:	166	Resp:	1922
Ion	Ratio	Lower	Upper
166	100		
165	103.4	79.3	118.9
167	16.6	11.9	17.9



#14
 Pentachlorophenol
 Concen: 0.476 ng/ul
 RT: 16.999 min Scan# 3036
 Delta R.T. -0.000 min
 Lab File: BM038556.D
 Acq: 26 Jan 2023 20:03

Tgt Ion:	266	Resp:	705
Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.4	74.2
268	65.1	51.7	77.5

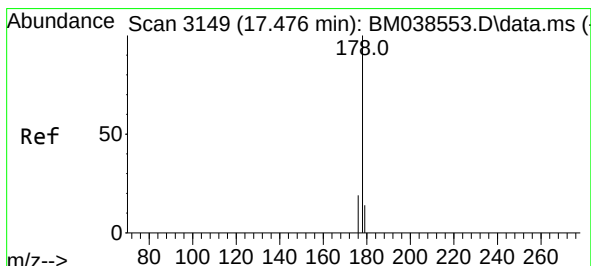
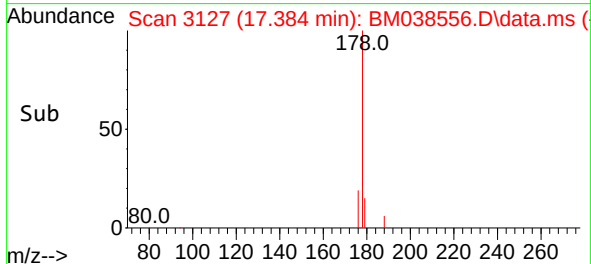
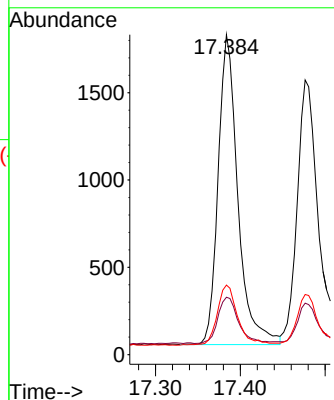
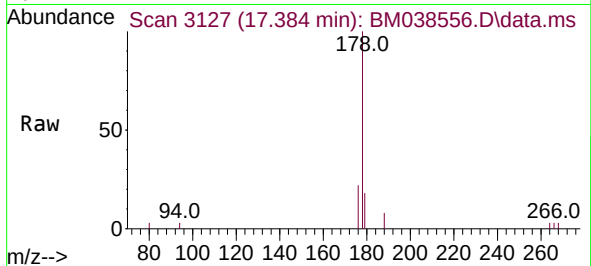




#15
Phenanthrene
Concen: 0.245 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

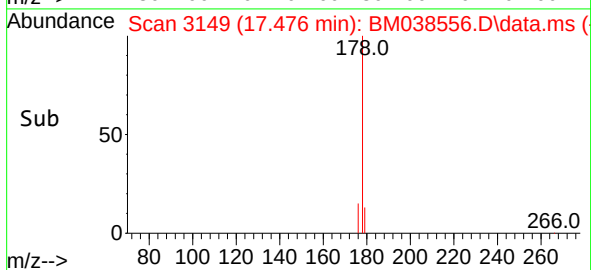
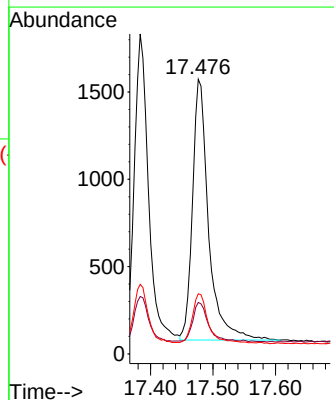
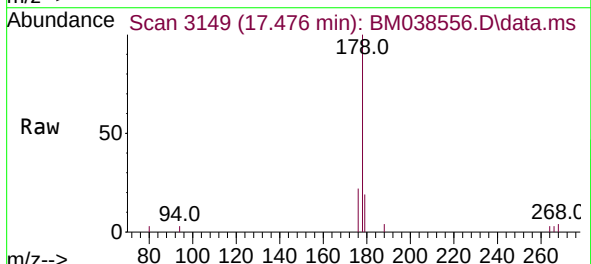
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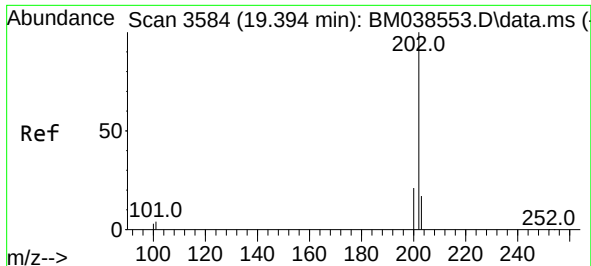
Tgt Ion:	178	Resp:	2876
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.0	19.4
176	21.7	16.4	24.6



#16
Anthracene
Concen: 0.267 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:	178	Resp:	2672
Ion Ratio	Lower	Upper	
178	100		
179	18.8	13.2	19.8
176	21.9	16.2	24.4

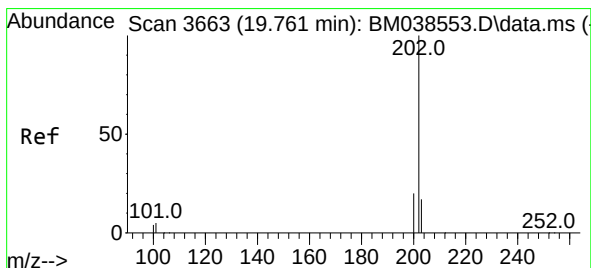
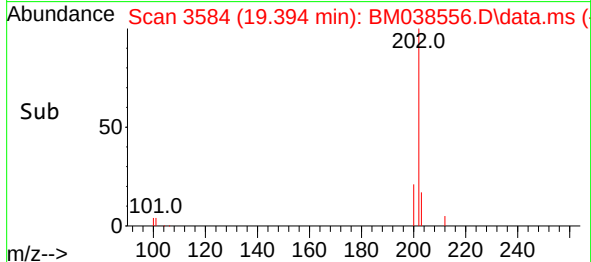
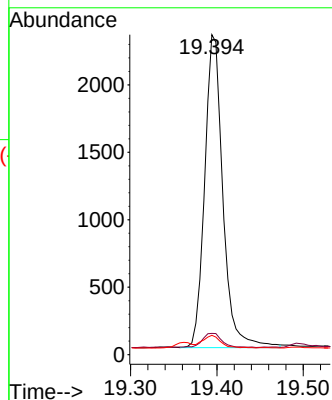
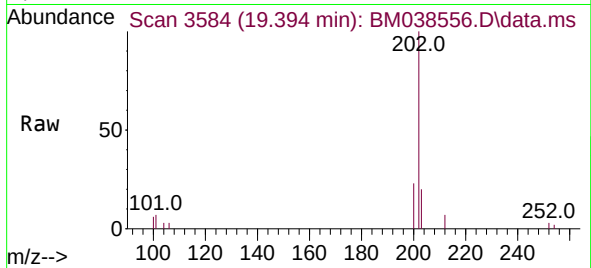




#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

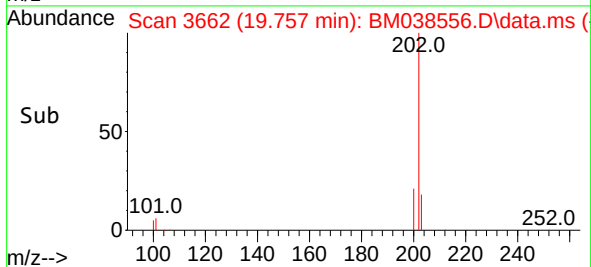
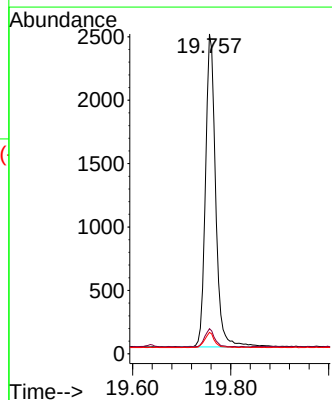
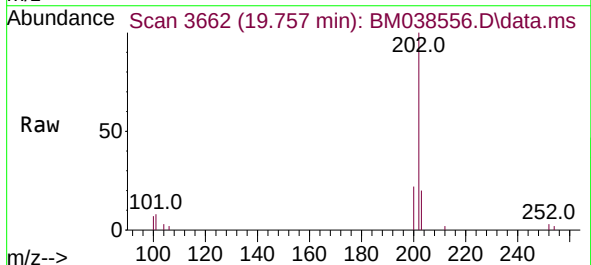
Instrument :
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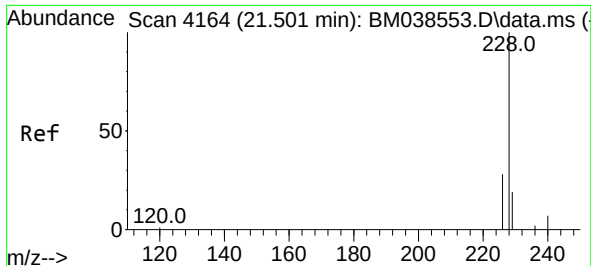
Tgt Ion:202 Resp: 3405
Ion Ratio Lower Upper
202 100
101 6.7 5.3 7.9
100 6.0 4.2 6.2



#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:202 Resp: 3552
Ion Ratio Lower Upper
202 100
101 7.8 5.9 8.9
100 6.7 5.2 7.8

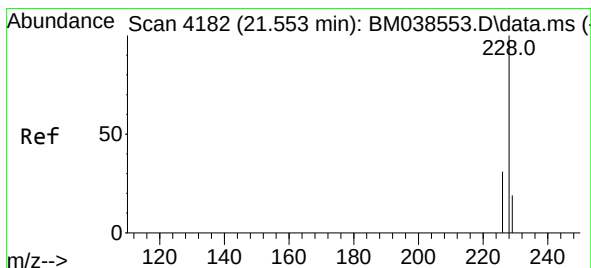
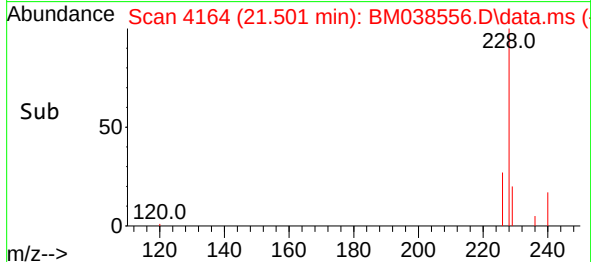
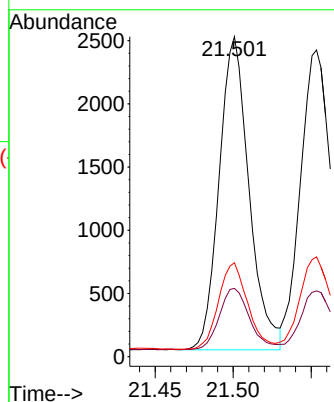
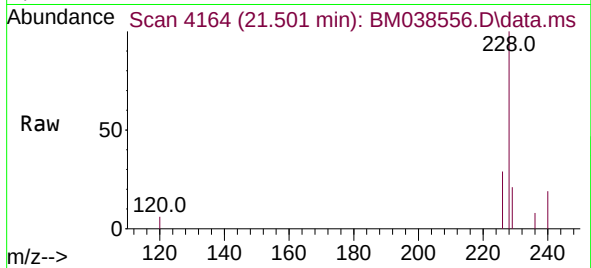




#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

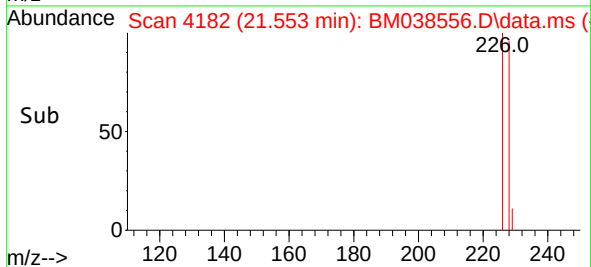
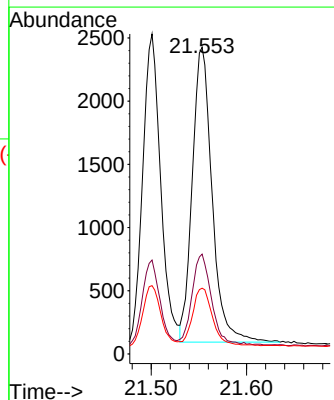
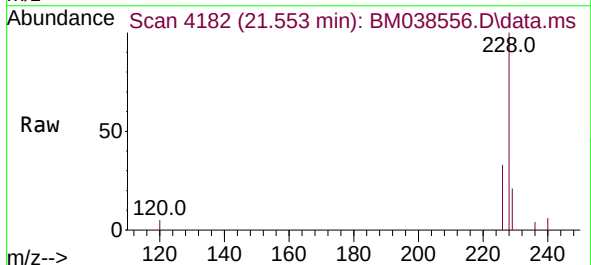
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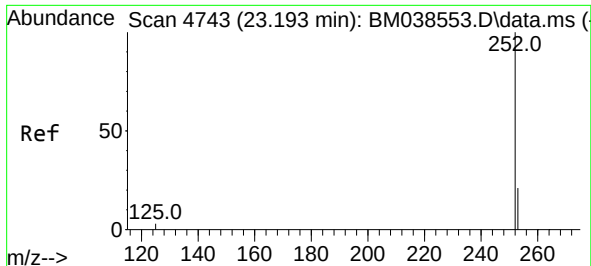
Tgt Ion:228 Resp: 3304
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 29.3 22.2 33.4



#22
Chrysene
Concen: 0.272 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:228 Resp: 3376
Ion Ratio Lower Upper
228 100
226 32.5 24.6 36.8
229 21.4 16.2 24.4

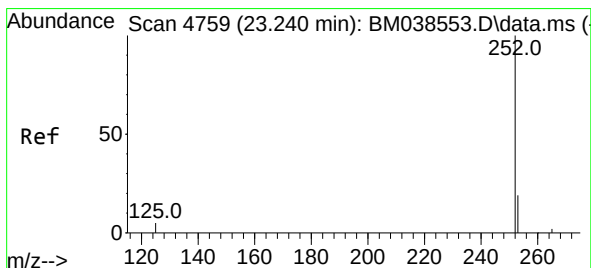
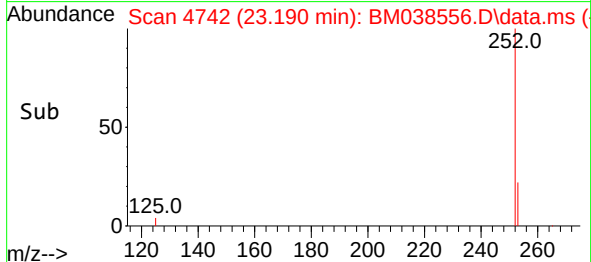
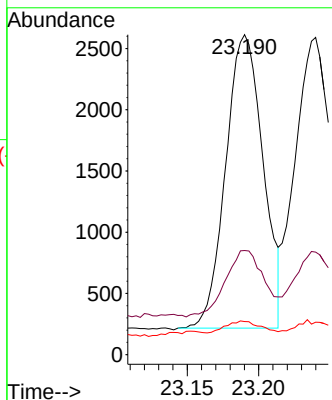
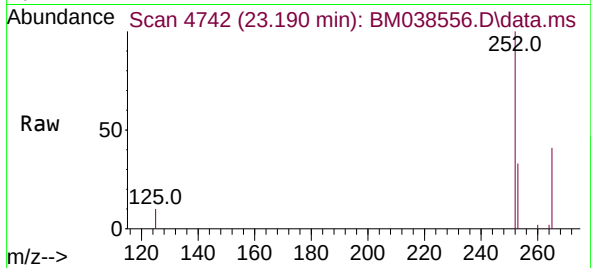




#24
Benzo(b)fluoranthene
Concen: 0.251 ng/ul
RT: 23.190 min Scan# 4743
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

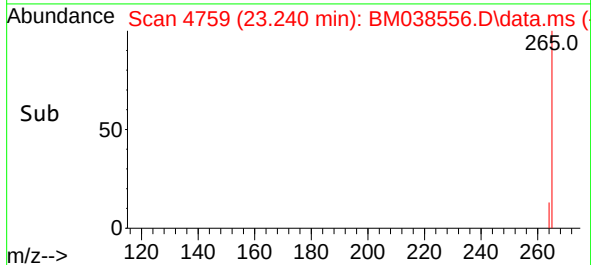
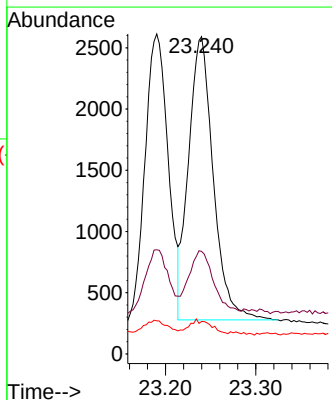
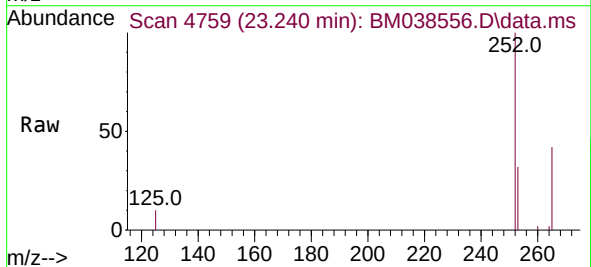
Instrument :
BNA_M
ClientSampleId :
SLCS402

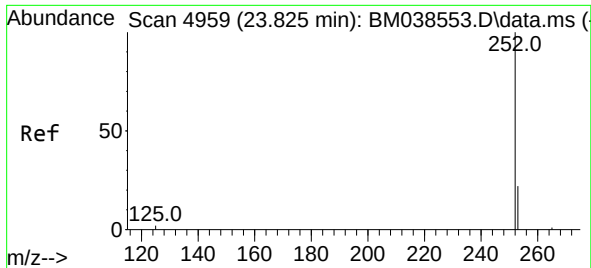
Tgt Ion:252	Resp:	4366
Ion Ratio	Lower	Upper
252	100	
253	32.5	0.0 56.6
125	10.3	0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:252	Resp:	4410
Ion Ratio	Lower	Upper
252	100	
253	32.3	23.1 34.7
125	10.2	8.4 12.6

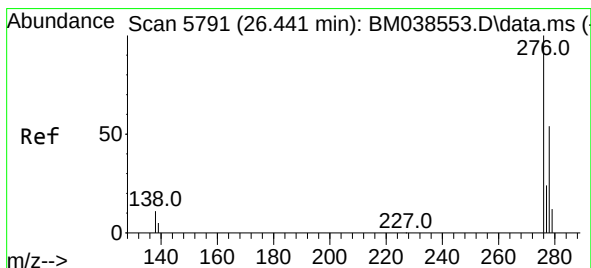
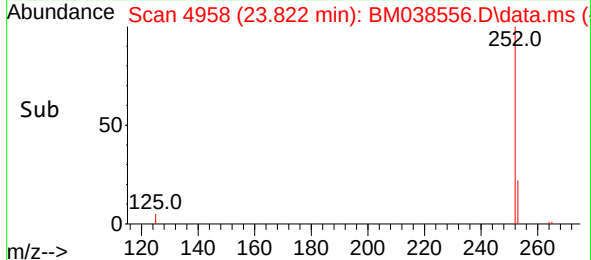
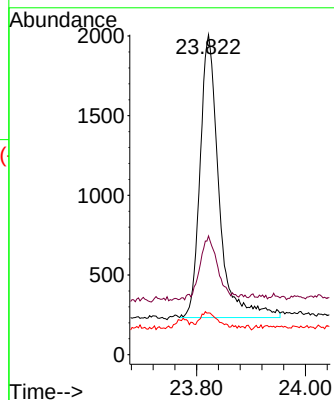
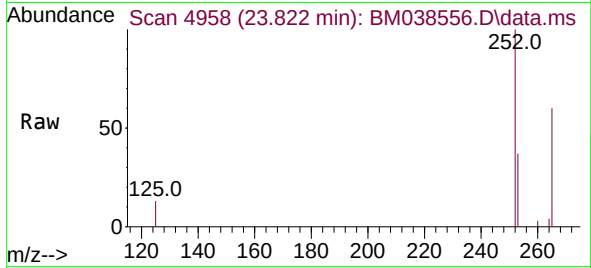




#26
Benzo(a)pyrene
Concen: 0.273 ng/ul
RT: 23.822 min Scan# 4959
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

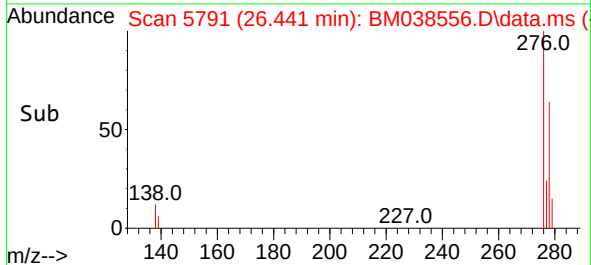
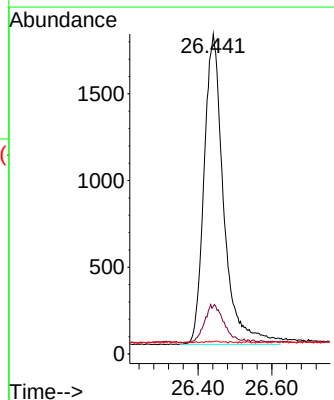
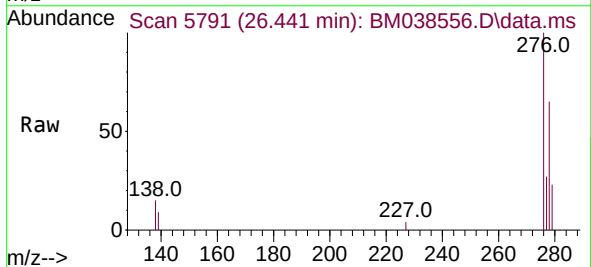
Instrument :
BNA_M
ClientSampleId :
SLCS402

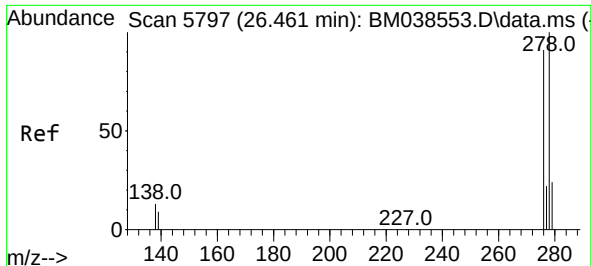
Tgt Ion:252 Resp: 4261
Ion Ratio Lower Upper
252 100
253 37.1 25.1 37.7
125 13.0 10.0 15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng/ul
RT: 26.441 min Scan# 5791
Delta R.T. -0.000 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:276 Resp: 6600
Ion Ratio Lower Upper
276 100
138 0.0 11.7 17.5#
227 0.1 0.3 0.5#

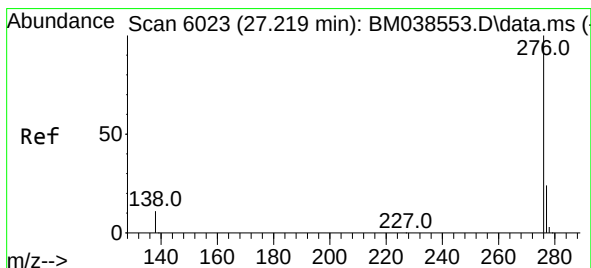
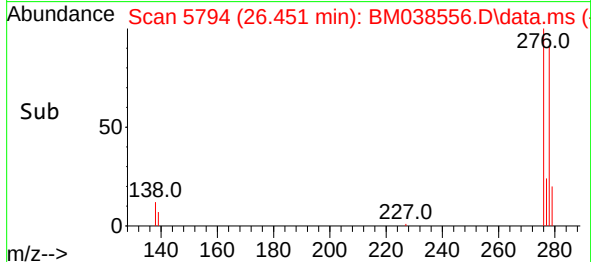
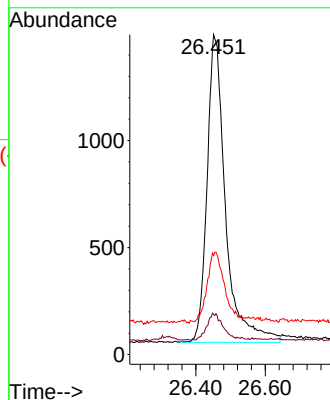
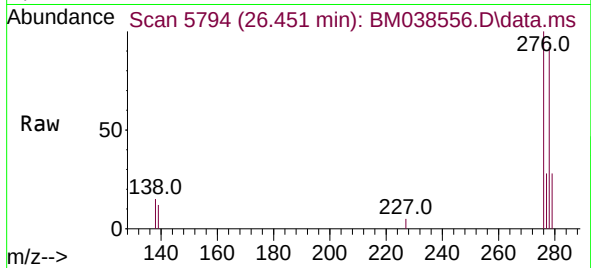




#28
Dibenzo(a,h)anthracene
Concen: 0.303 ng/ul
RT: 26.451 min Scan# 5794
Delta R.T. -0.007 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Instrument :
BNA_M
ClientSampleId :
SLCS402

Tgt Ion:278 Resp: 5294
Ion Ratio Lower Upper
278 100
139 12.5 9.8 14.8
279 31.0 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 27.216 min Scan# 6022
Delta R.T. -0.003 min
Lab File: BM038556.D
Acq: 26 Jan 2023 20:03

Tgt Ion:276 Resp: 5912
Ion Ratio Lower Upper
276 100
138 13.6 12.6 19.0
277 26.8 20.5 30.7

