

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042661.D
 Acq On : 08 Nov 2023 22:11
 Operator : MA/JU
 Sample : PB156830BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

Quant Time: Nov 08 22:56:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

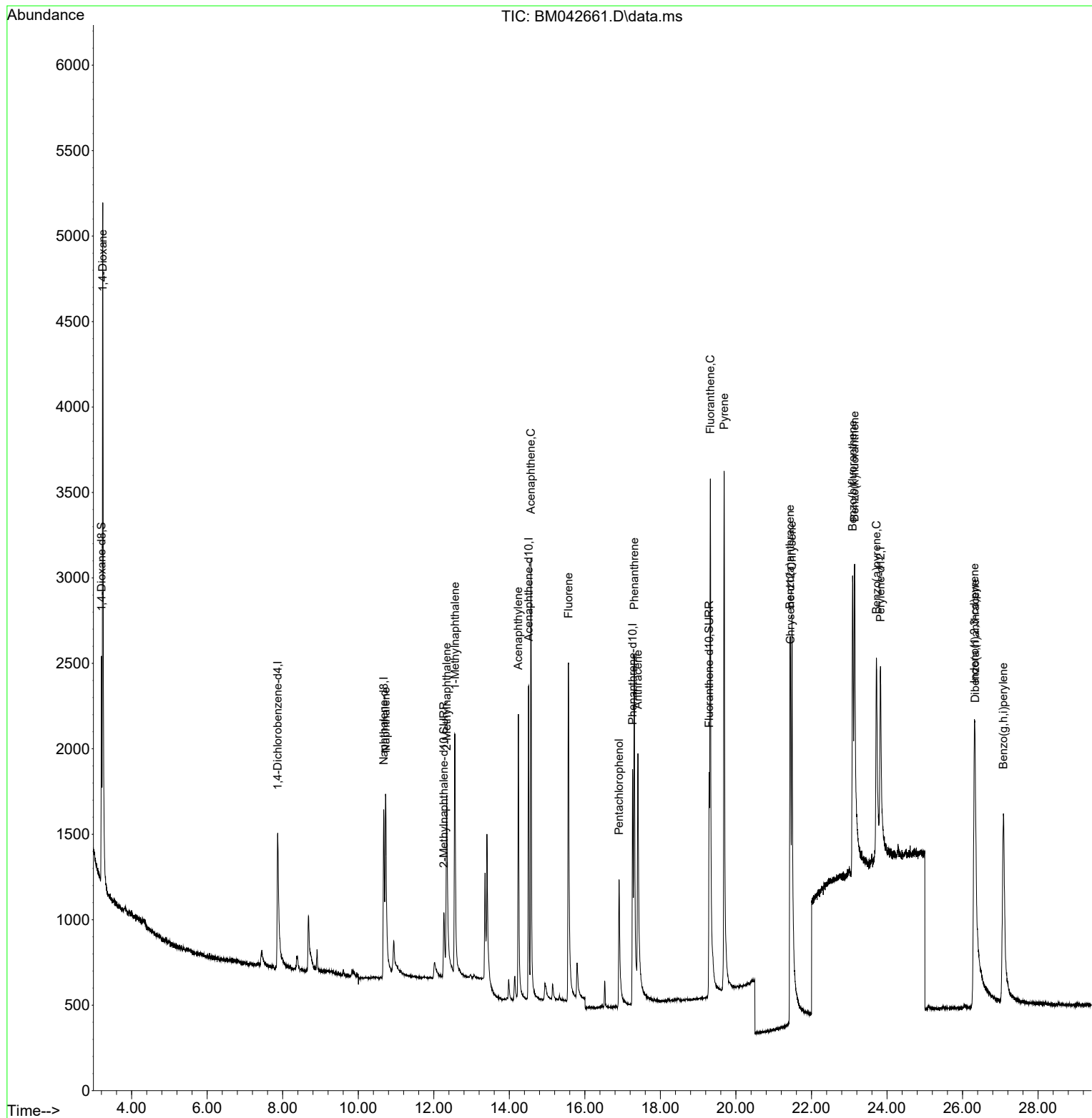
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	2038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2117	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	1589	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	1918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	814	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	864	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	1953	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	2531	2.143	ng/ul#	59
5) Naphthalene	10.728	128	2130	0.324	ng/ul	93
7) 2-Methylnaphthalene	12.339	142	1297	0.307	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1263	0.295	ng/ul	99
10) Acenaphthylene	14.238	152	2401	0.323	ng/ul	95
11) Acenaphthene	14.571	153	1687	0.334	ng/ul	97
12) Fluorene	15.566	166	1869	0.323	ng/ul#	99
14) Pentachlorophenol	16.905	266	775	0.718	ng/ul	98
15) Phenanthrene	17.306	178	2858	0.348	ng/ul	98
16) Anthracene	17.403	178	2349	0.316	ng/ul	95
19) Fluoranthene	19.323	202	3380	0.340	ng/ul	98
20) Pyrene	19.690	202	3750	0.343	ng/ul	99
21) Benzo(a)anthracene	21.432	228	2285	0.323	ng/ul	99
22) Chrysene	21.482	228	2582	0.353	ng/ul	97
24) Benzo(b)fluoranthene	23.089	252	2734	0.353	ng/ul	96
25) Benzo(k)fluoranthene	23.139	252	3001	0.370	ng/ul	96
26) Benzo(a)pyrene	23.721	252	3065	0.382	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.312	276	3857	0.370	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.332	278	2862	0.384	ng/ul	96
29) Benzo(g,h,i)perylene	27.080	276	3554	0.367	ng/ul	99

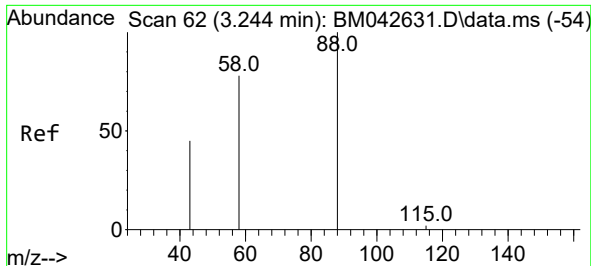
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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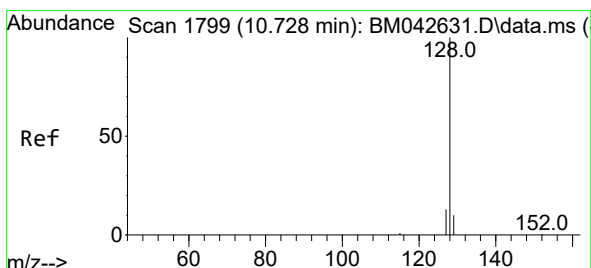
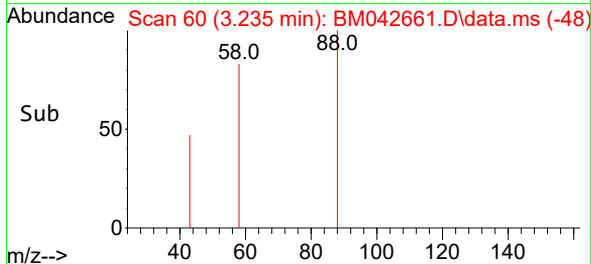
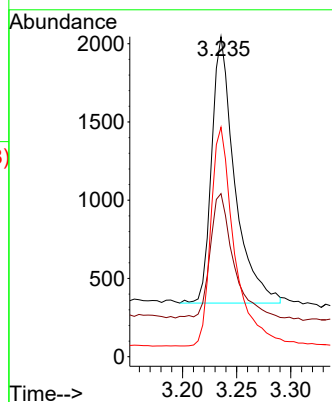
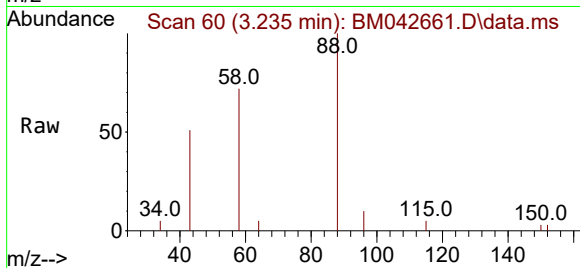




#2
1,4-Dioxane
Concen: 2.143 ng/ul
RT: 3.235 min Scan# 60
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

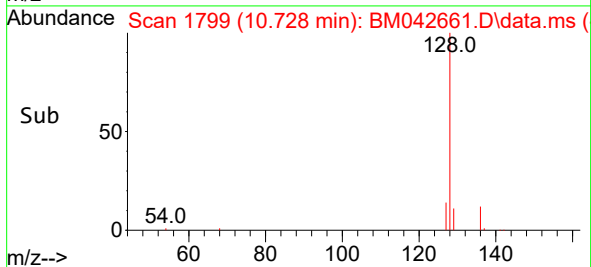
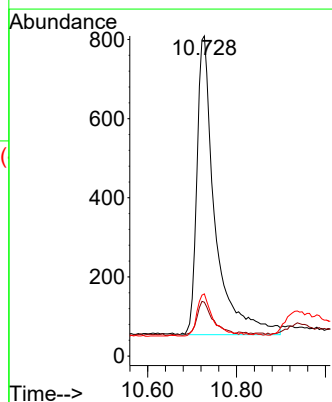
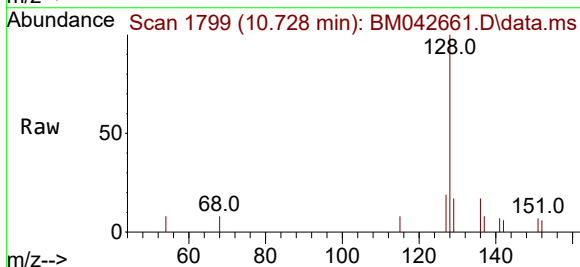
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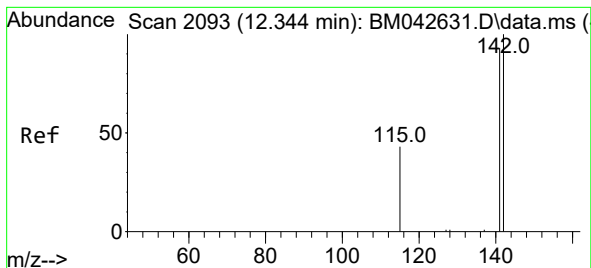
Tgt Ion: 88 Resp: 2531
Ion Ratio Lower Upper
88 100
43 51.0 77.5 116.3#
58 71.7 40.9 61.3#



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.728 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion: 128 Resp: 2130
Ion Ratio Lower Upper
128 100
129 16.8 11.3 16.9
127 19.4 13.0 19.4

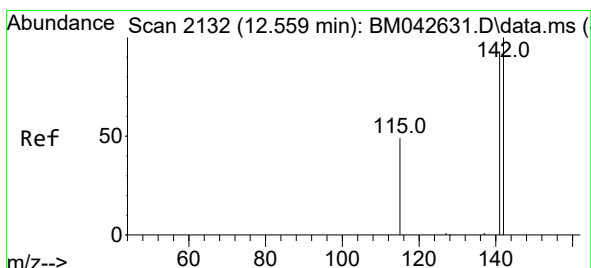
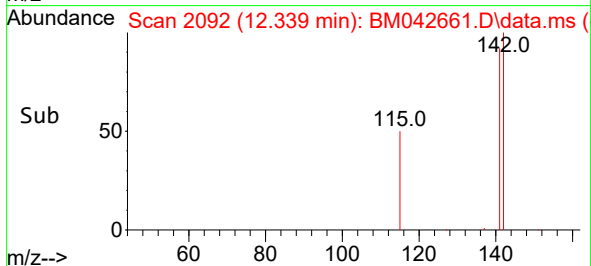
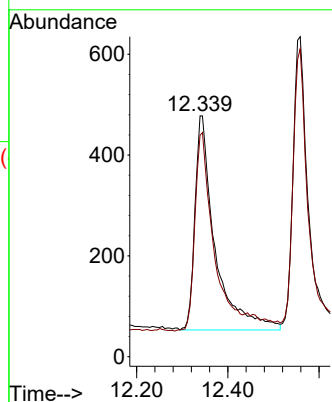
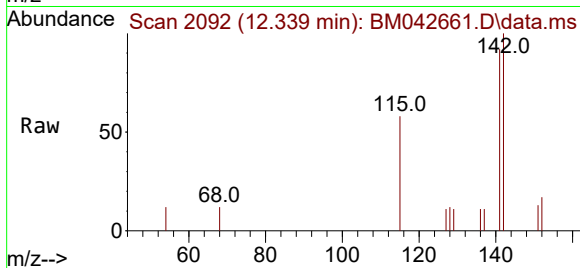




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. -0.008 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

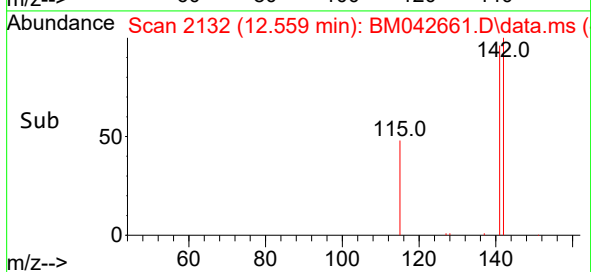
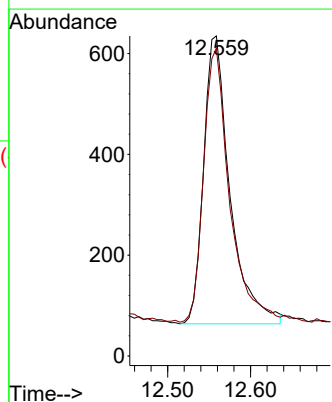
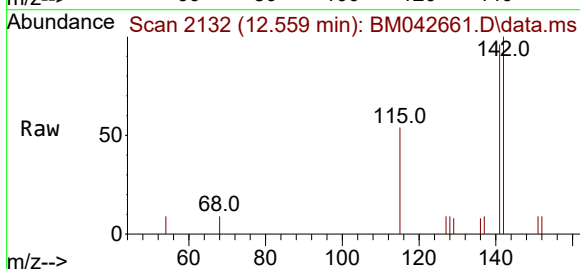
Instrument :
BNA_M
ClientSampleId :
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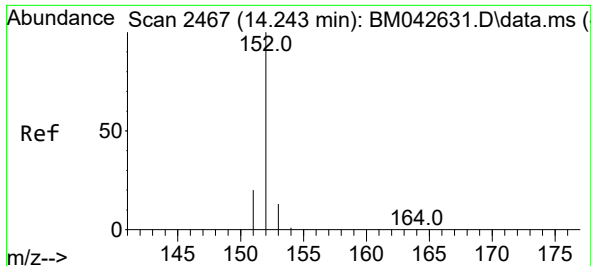
Tgt Ion:142 Resp: 1297
Ion Ratio Lower Upper
142 100
141 94.8 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:142 Resp: 1263
Ion Ratio Lower Upper
142 100
141 93.4 75.4 113.2

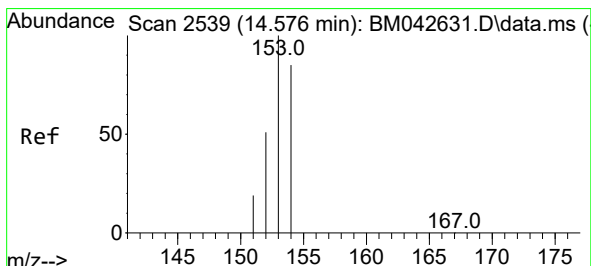
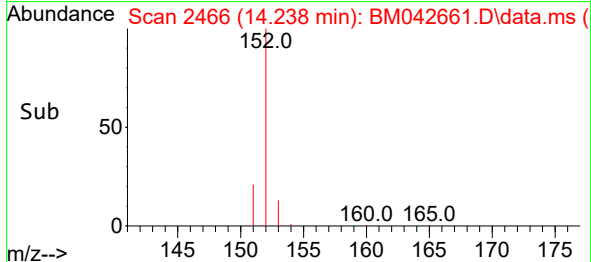
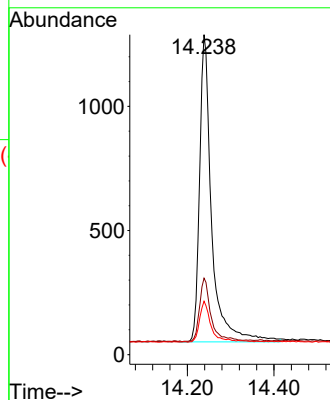
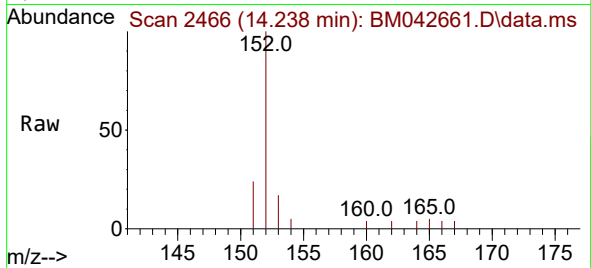




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.007 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

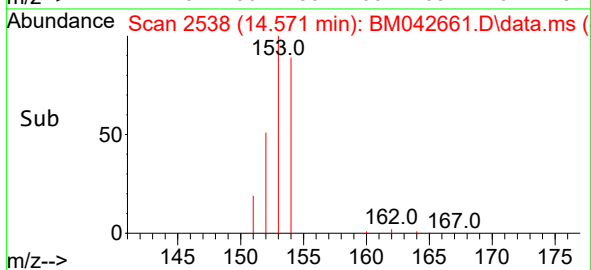
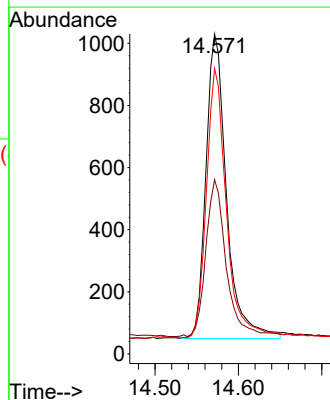
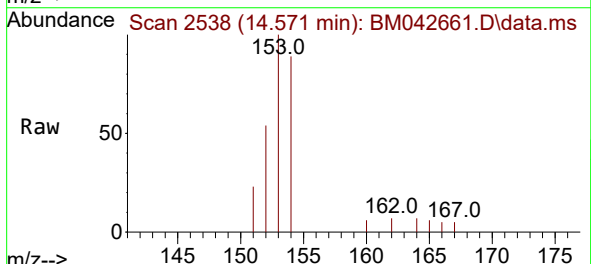
Instrument :
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ClientSampleId :
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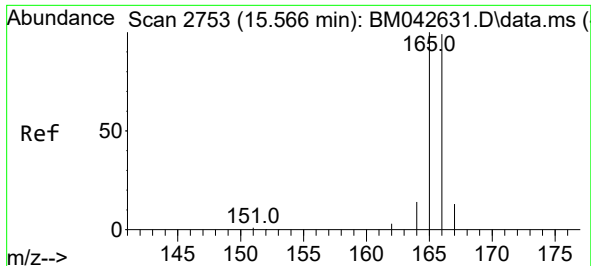
Tgt Ion:152	Resp:	2401
Ion Ratio	Lower	Upper
152	100	
151	23.9	17.2 25.8
153	16.7	11.8 17.8



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:153	Resp:	1687
Ion Ratio	Lower	Upper
153	100	
152	54.5	41.8 62.6
154	89.2	69.2 103.8

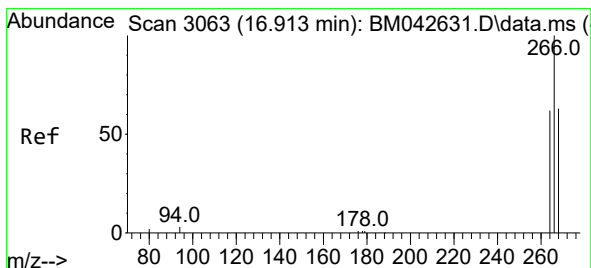
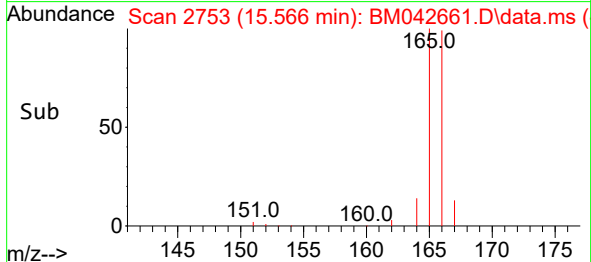
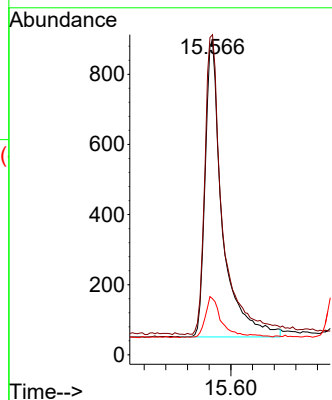
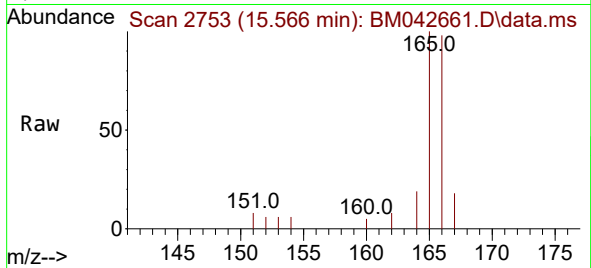




#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.566 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

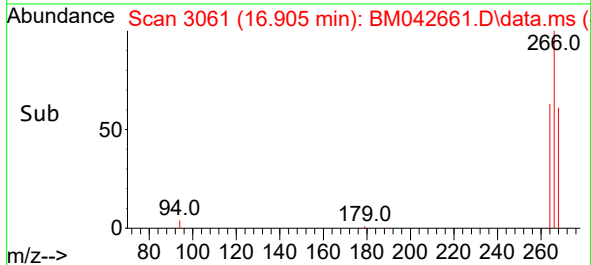
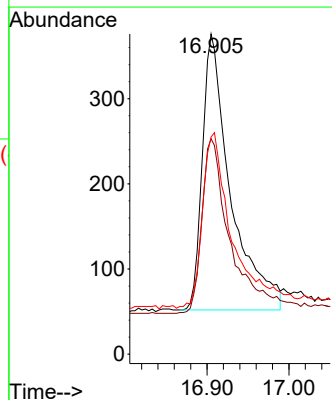
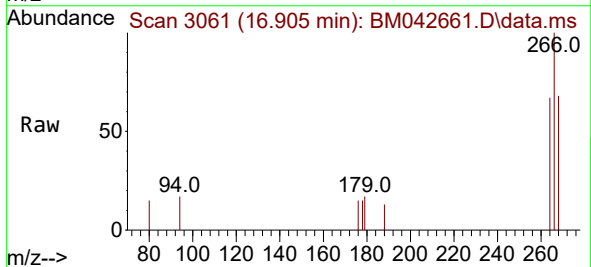
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ClientSampleId :
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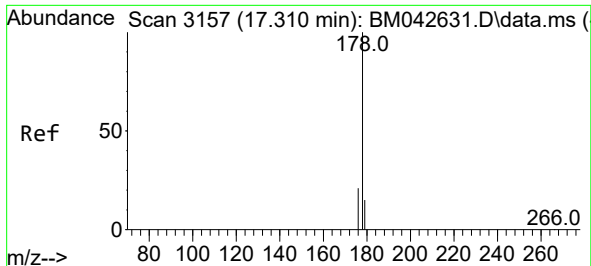
Tgt Ion:166 Resp: 1869
Ion Ratio Lower Upper
166 100
165 102.1 81.2 121.8
167 17.9 11.9 17.9#



#14
Pentachlorophenol
Concen: 0.718 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:266 Resp: 775
Ion Ratio Lower Upper
266 100
264 63.6 50.4 75.6
268 66.3 54.8 82.2

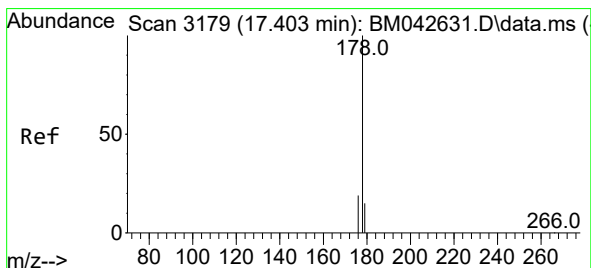
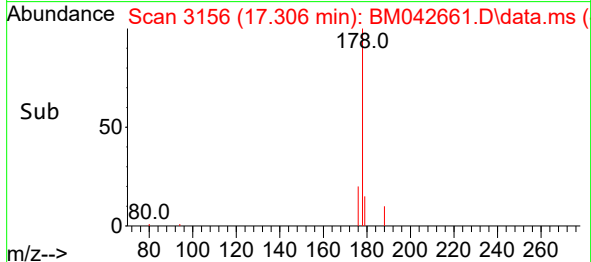
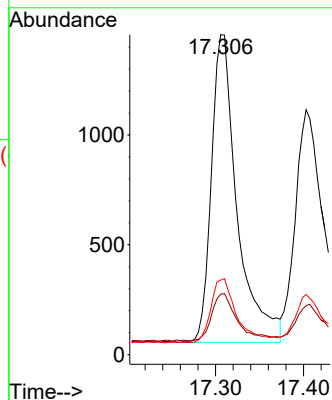
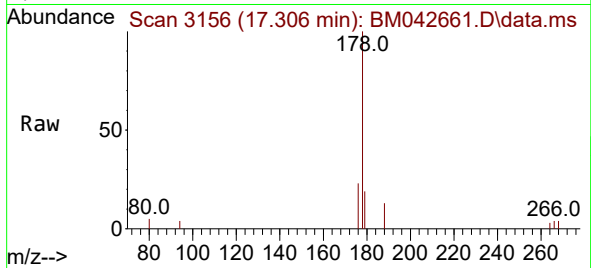




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.306 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

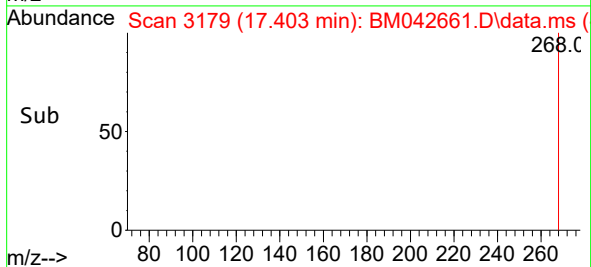
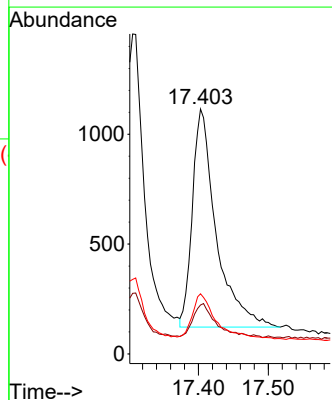
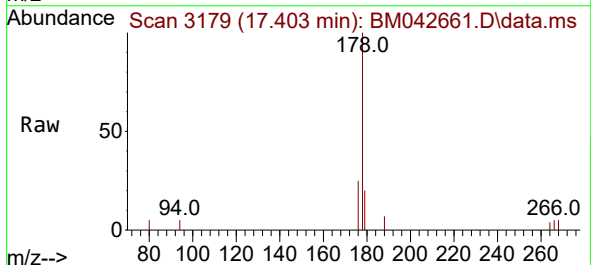
Instrument :
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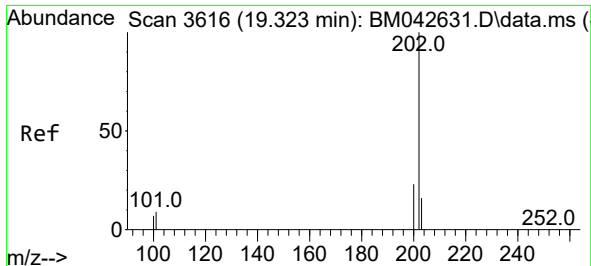
Tgt Ion:178 Resp: 2858
Ion Ratio Lower Upper
178 100
179 18.9 13.7 20.5
176 23.3 18.2 27.2



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:178 Resp: 2349
Ion Ratio Lower Upper
178 100
179 20.0 14.2 21.4
176 24.6 17.6 26.4

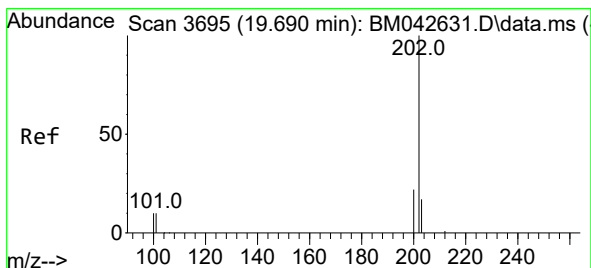
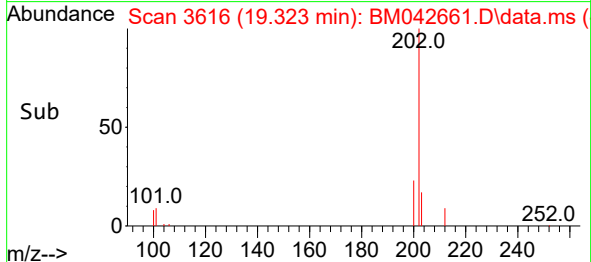
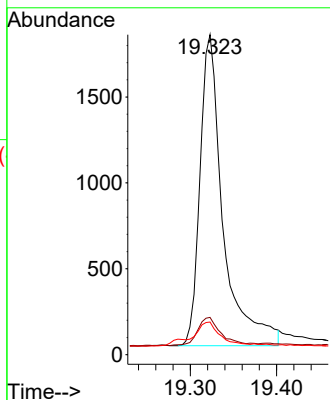
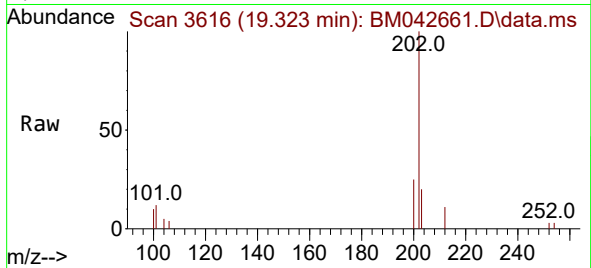




#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

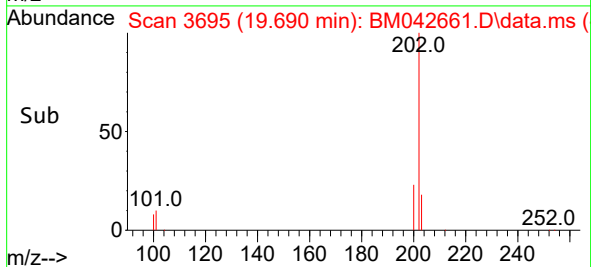
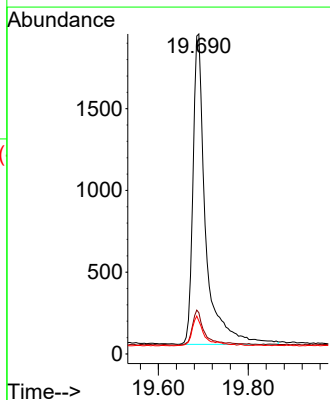
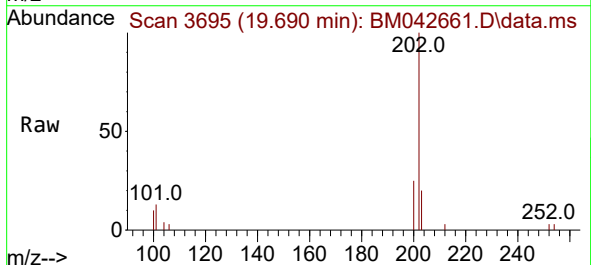
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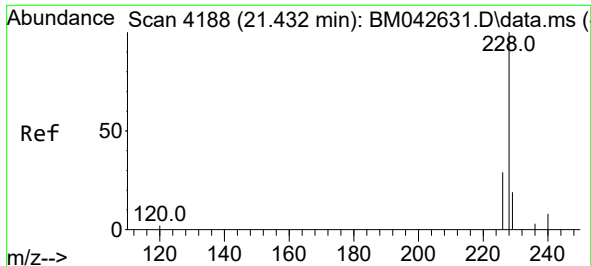
Tgt Ion:202 Resp: 3380
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.6
100 10.2 7.3 10.9



#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:202 Resp: 3750
Ion Ratio Lower Upper
202 100
101 12.9 10.6 16.0
100 10.3 8.6 13.0

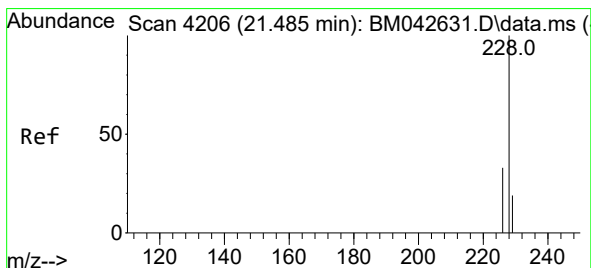
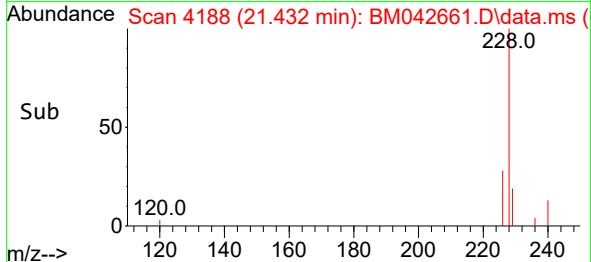
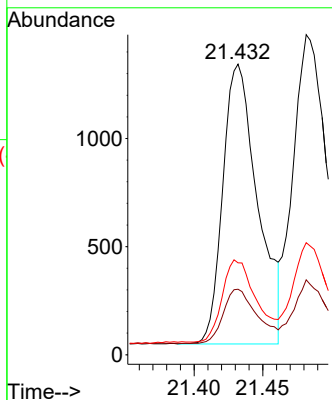
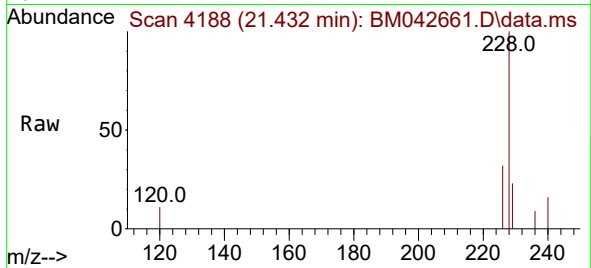




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.432 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

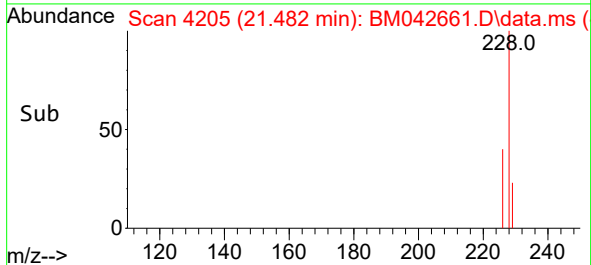
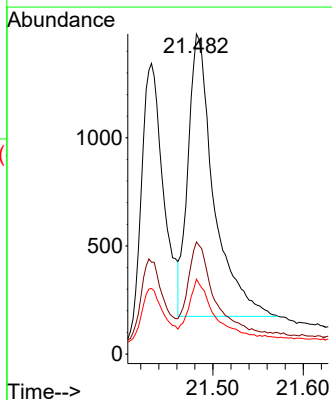
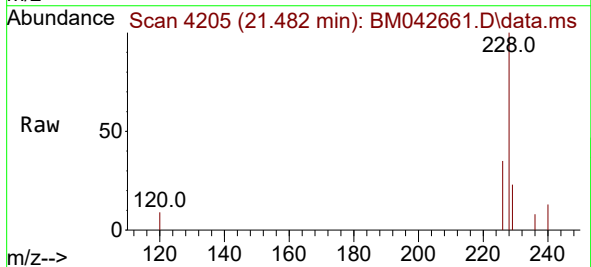
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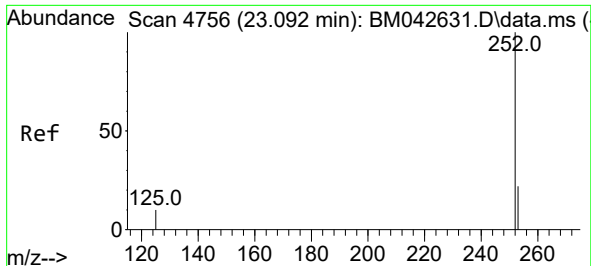
Tgt Ion:228	Resp:	2285
Ion Ratio	Lower	Upper
228	100	
229	22.5	17.0 25.4
226	31.6	25.2 37.8



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.482 min Scan# 4205
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:228	Resp:	2582
Ion Ratio	Lower	Upper
228	100	
226	35.0	27.4 41.0
229	23.4	17.0 25.6

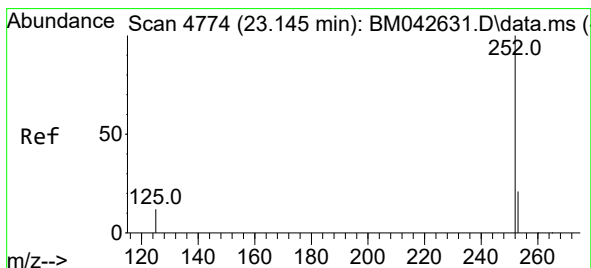
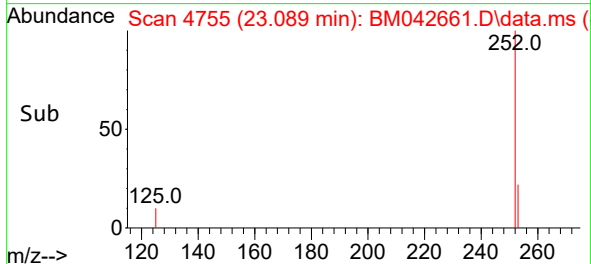
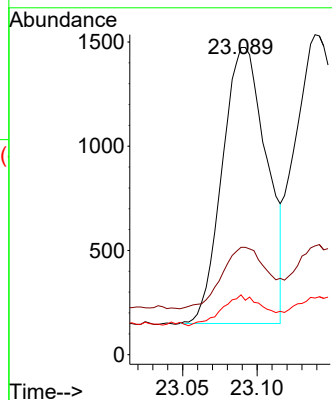
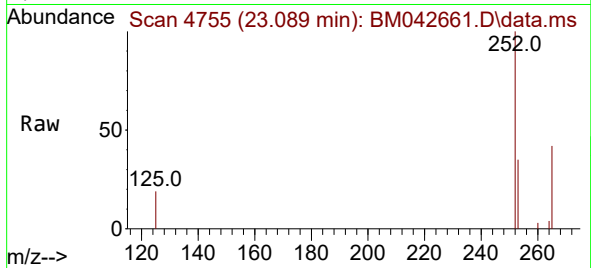




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.089 min Scan# 4755
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

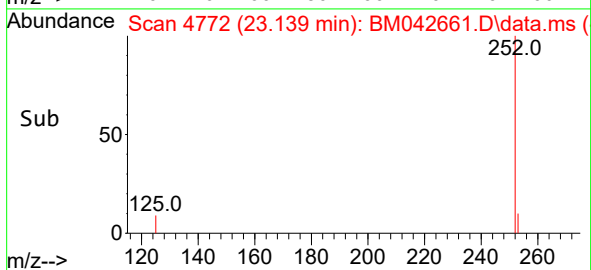
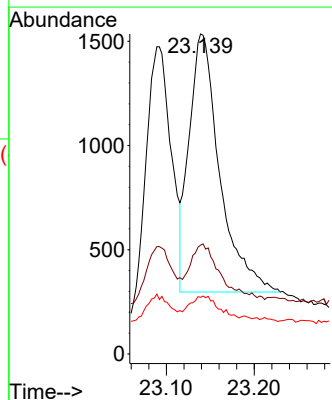
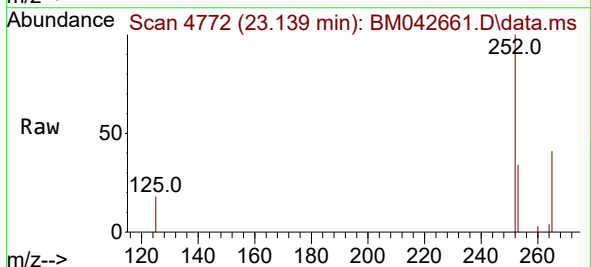
Instrument :
BNA_M
ClientSampleId :
SLCS830

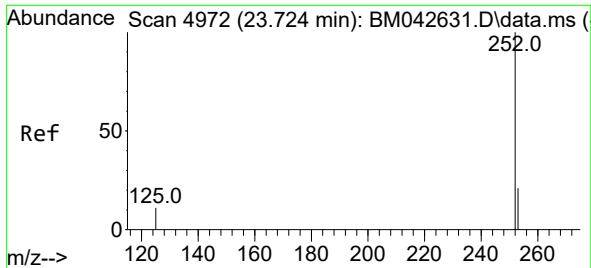
Tgt Ion:252 Resp: 2734
Ion Ratio Lower Upper
252 100
253 34.9 0.0 65.8
125 19.5 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:252 Resp: 3001
Ion Ratio Lower Upper
252 100
253 34.0 27.0 40.6
125 17.7 17.5 26.3

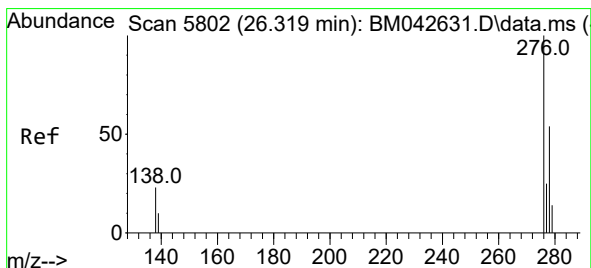
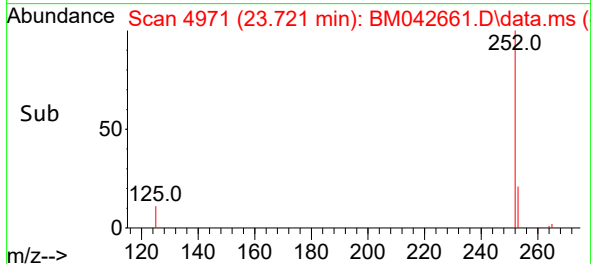
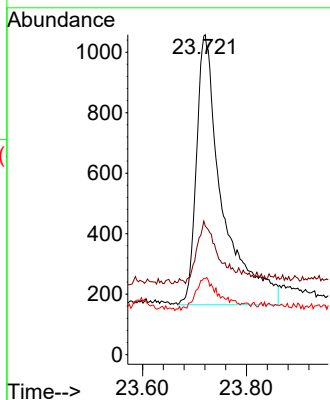
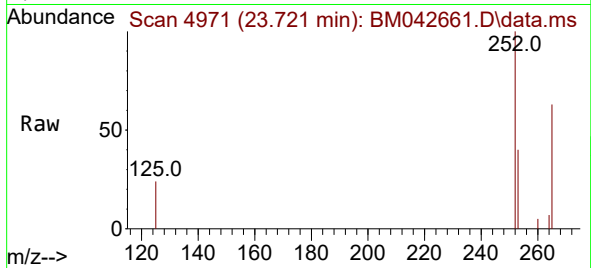




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.721 min Scan# 4972
Delta R.T. -0.013 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

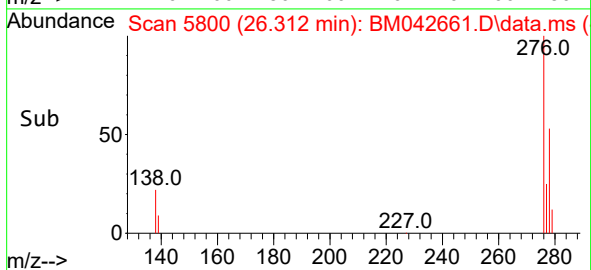
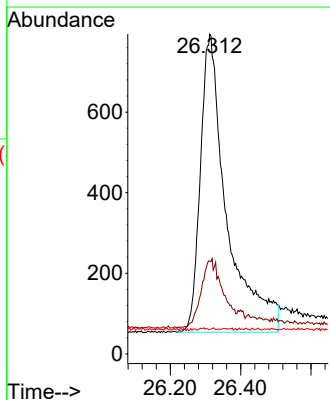
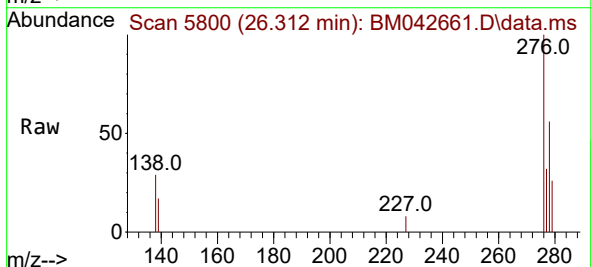
Instrument :
BNA_M
ClientSampleId :
SLCS830

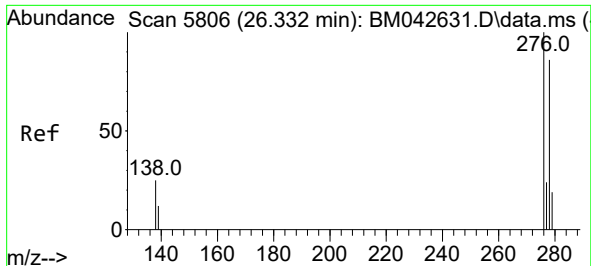
Tgt Ion:252 Resp: 3065
Ion Ratio Lower Upper
252 100
253 40.2 31.7 47.5
125 23.8 22.1 33.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.312 min Scan# 5800
Delta R.T. -0.016 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:276 Resp: 3857
Ion Ratio Lower Upper
276 100
138 19.3 20.7 31.1#
227 0.1 0.1 0.1

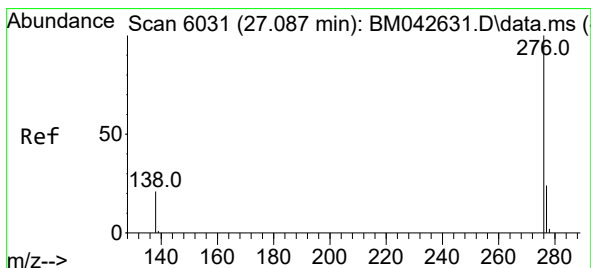
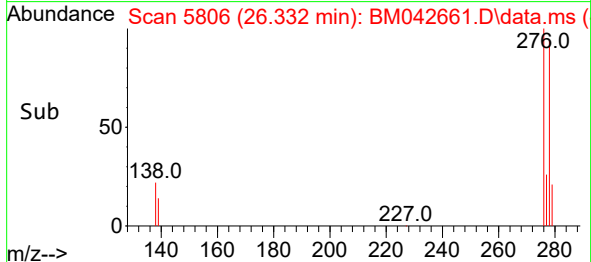
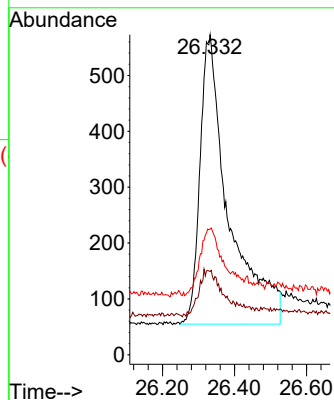
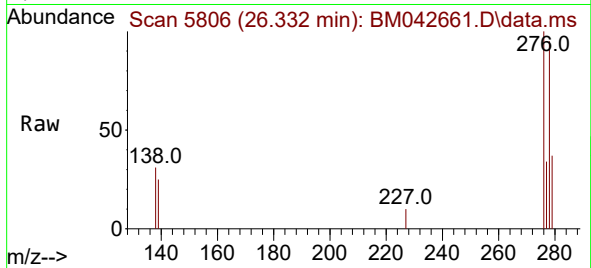




#28
 Dibenzo(a,h)anthracene
 Concen: 0.384 ng/ul
 RT: 26.332 min Scan# 5806
 Delta R.T. -0.016 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

Tgt Ion:278 Resp: 2862
 Ion Ratio Lower Upper
 278 100
 139 26.0 24.3 36.5
 279 39.3 31.5 47.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.367 ng/ul
 RT: 27.080 min Scan# 6029
 Delta R.T. -0.026 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Tgt Ion:276 Resp: 3554
 Ion Ratio Lower Upper
 276 100
 138 28.0 22.3 33.5
 277 28.7 23.6 35.4

