

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031124.D
 Acq On : 24 Jul 2021 17:48
 Operator : CG/JU
 Sample : PB137799BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS799

Quant Time: Jul 26 02:12:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 02:11:21 2021
 Response via : Initial Calibration

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

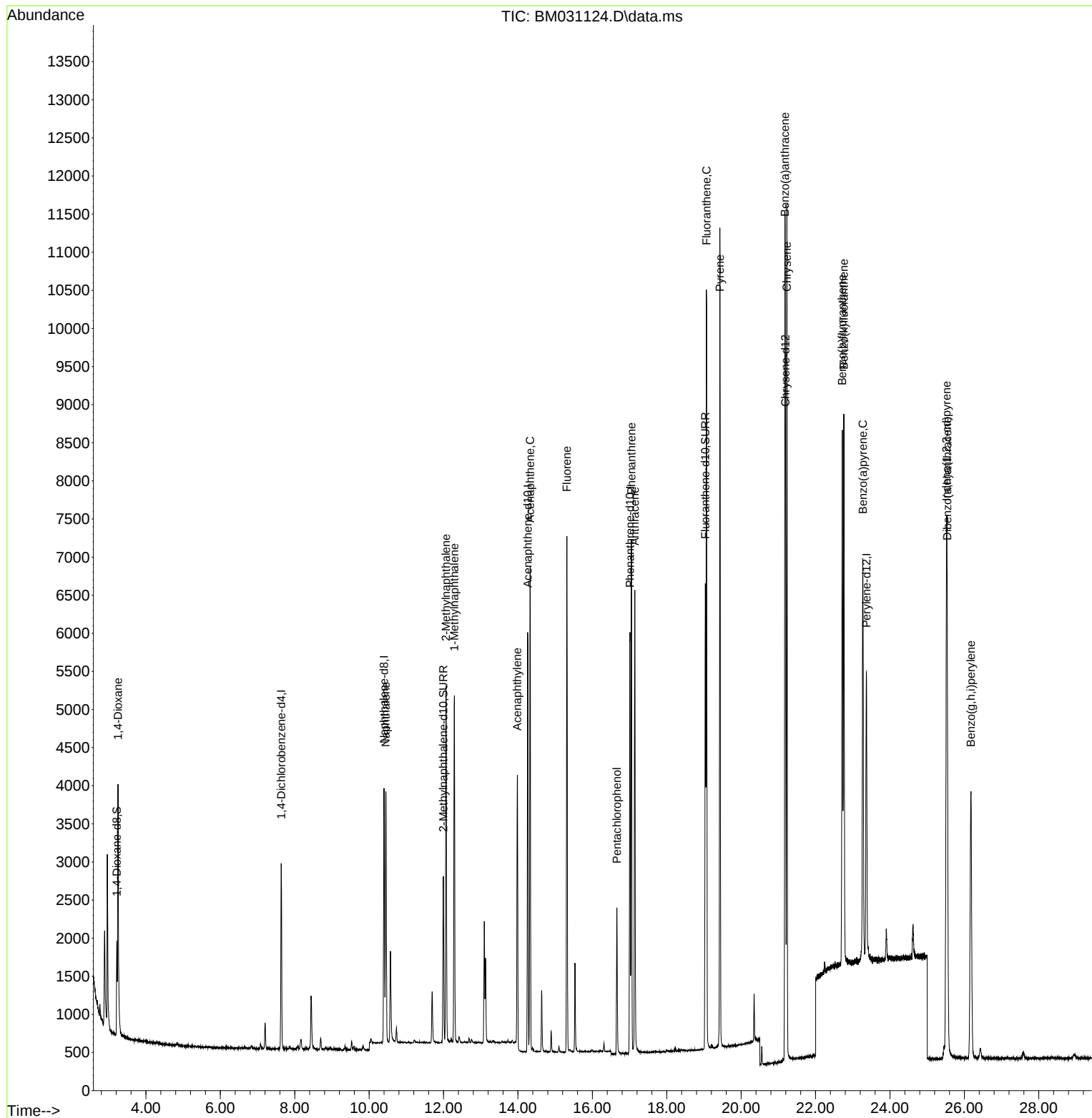
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1211	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	4502	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	2959	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	6473	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	5708	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	4941	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	875	0.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	2791	0.35	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	7031	0.40	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.248	88	2177	1.75	ng/ul#	83
5) Naphthalene	10.446	128	4536	0.34	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	3241	0.33	ng/ul	100
8) 1-Methylnaphthalene	12.290	142	3047	0.32	ng/ul	99
10) Acenaphthylene	13.981	152	4119	0.34	ng/ul	98
11) Acenaphthene	14.326	153	3667	0.34	ng/ul	98
12) Fluorene	15.316	166	4277	0.34	ng/ul	99
14) Pentachlorophenol	16.659	266	1290	0.58	ng/ul	99
15) Phenanthrene	17.048	178	7282	0.35	ng/ul	99
16) Anthracene	17.141	178	6698	0.35	ng/ul	99
19) Fluoranthene	19.066	202	8846	0.38	ng/ul	97
20) Pyrene	19.428	202	8992	0.38	ng/ul	99
21) Benzo(a)anthracene	21.176	228	8476	0.37	ng/ul	99
22) Chrysene	21.229	228	9003	0.36	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	8828	0.38	ng/ul	99
25) Benzo(k)fluoranthene	22.759	252	8849	0.38	ng/ul	98
26) Benzo(a)pyrene	23.271	252	7297	0.36	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.519	276	8707	0.33	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.538	278	7126	0.34	ng/ul	99
29) Benzo(g,h,i)perylene	26.178	276	7170	0.32	ng/ul	98

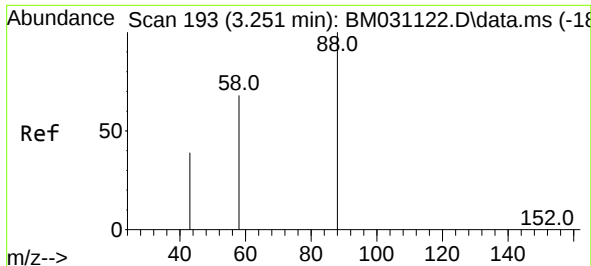
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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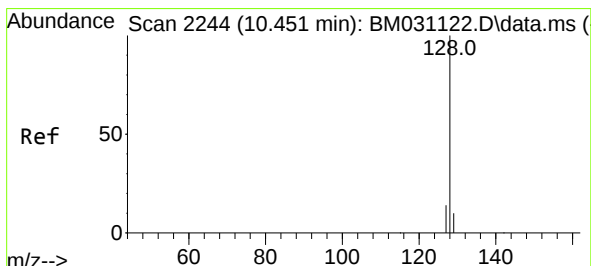
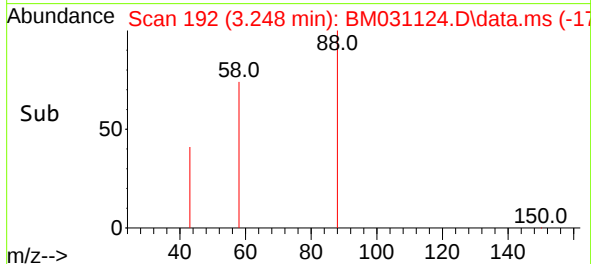
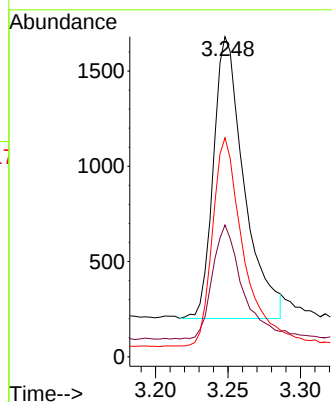
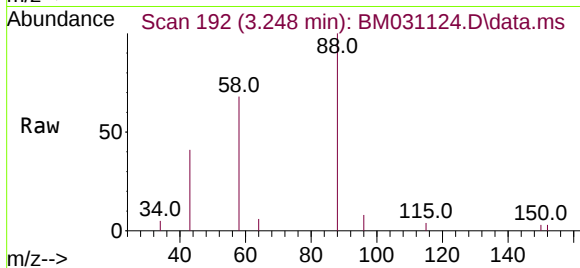




#2
1,4-Dioxane
Concen: 1.75 ng/ul
RT: 3.248 min Scan# 192
Delta R.T. -0.003 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

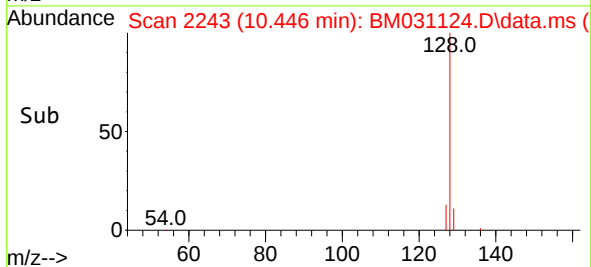
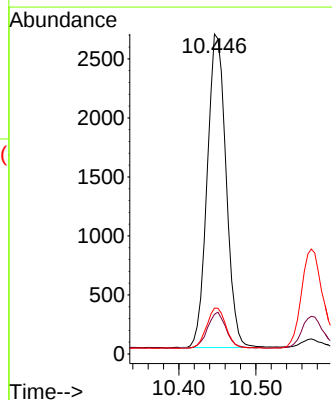
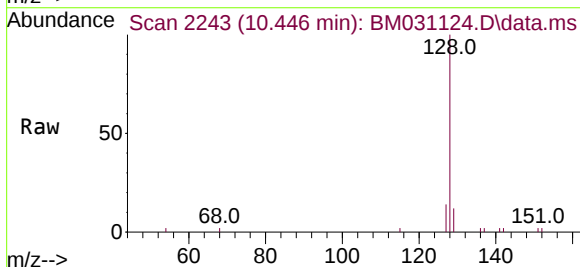
Instrument :
BNA_M
ClientSampleId :
SLCS799

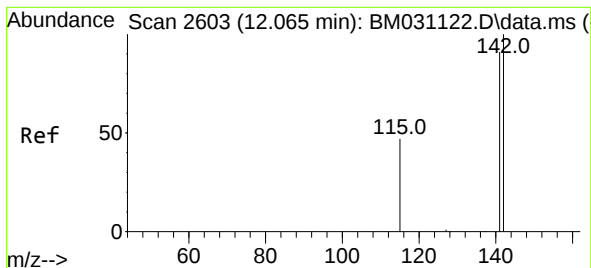
Tgt Ion: 88 Resp: 2177
Ion Ratio Lower Upper
88 100
43 41.2 35.2 52.8
58 68.4 39.1 58.7#



#5
Naphthalene
Concen: 0.34 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

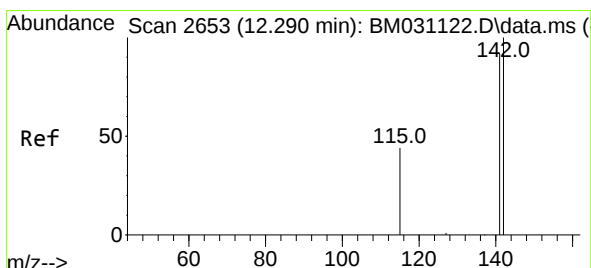
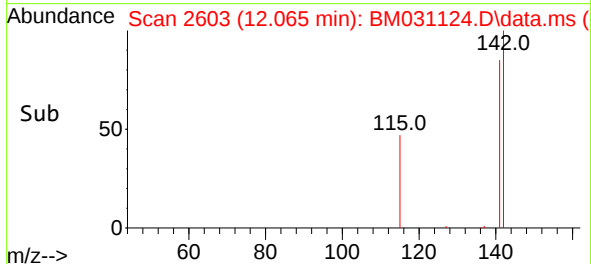
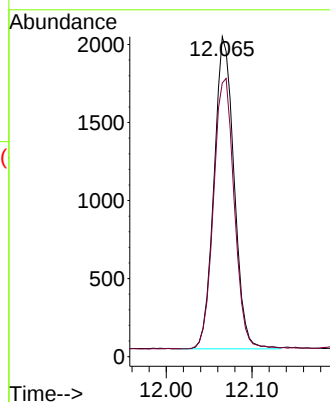
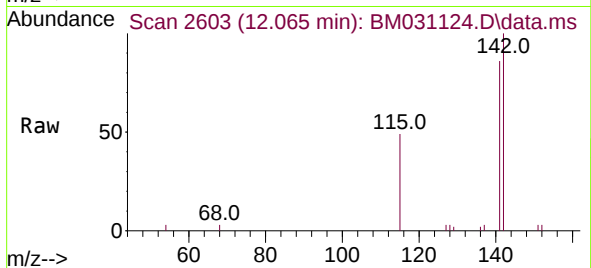
Tgt Ion: 128 Resp: 4536
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.4
127 14.3 11.8 17.8





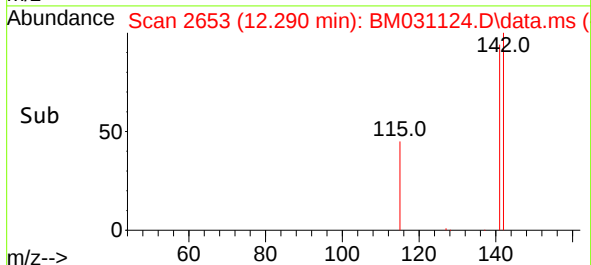
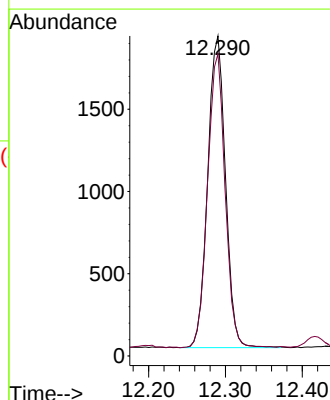
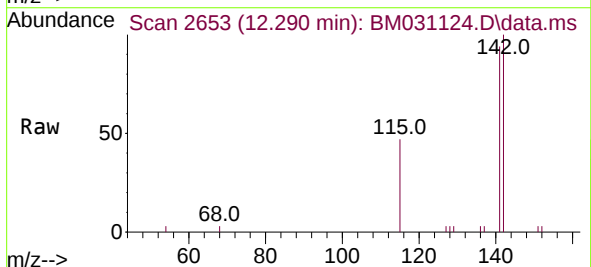
#7
2-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:142 Resp: 3241
Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3

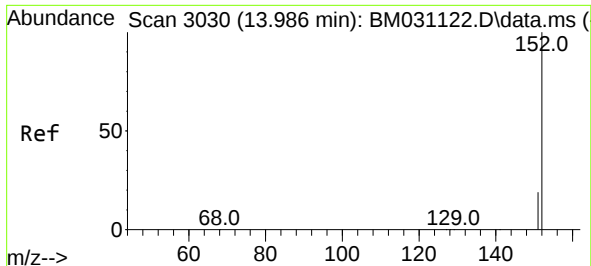


#8
1-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.290 min Scan# 2653
Delta R.T. -0.004 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:142 Resp: 3047
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4



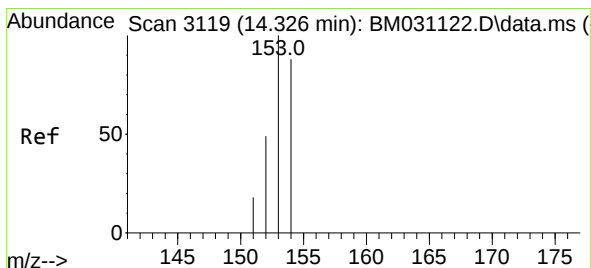
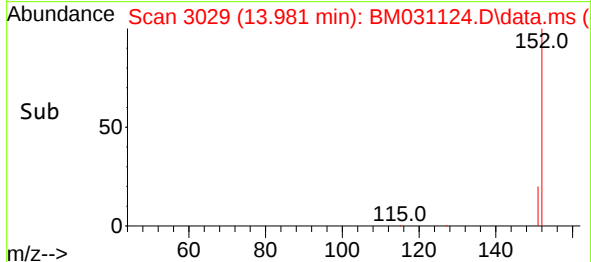
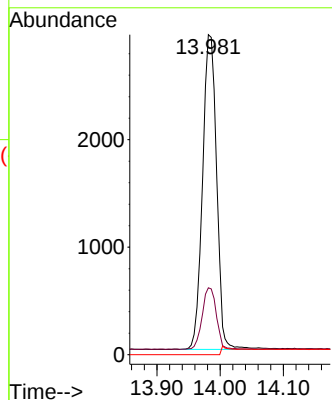
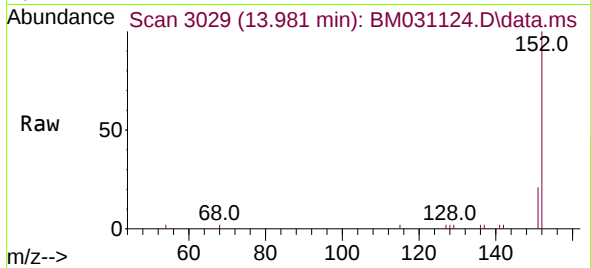
Instrument :
BNA_M
ClientSampled :
SLCS799



#10
Acenaphthylene
Concen: 0.34 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

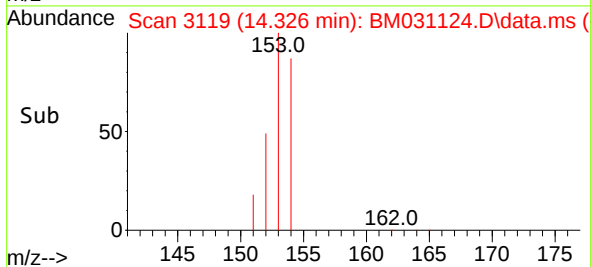
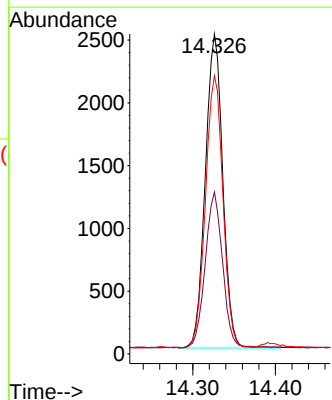
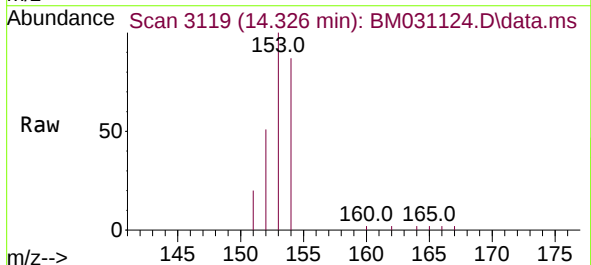
Instrument :
BNA_M
ClientSampled :
SLCS799

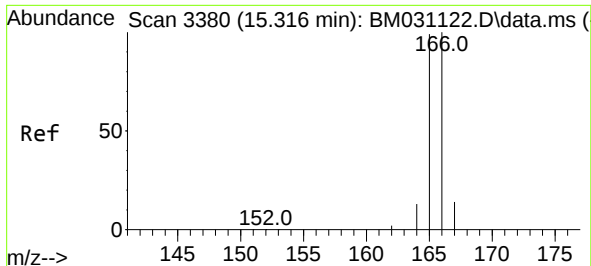
Tgt Ion:152 Resp: 4119
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.34 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:153 Resp: 3667
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.2
154 87.0 68.2 102.4

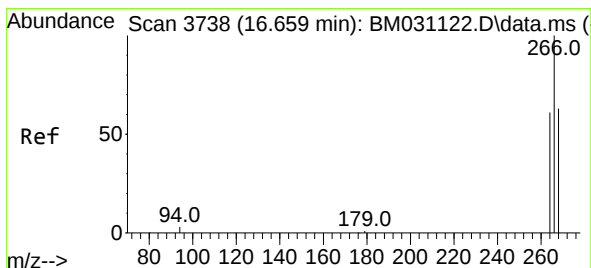
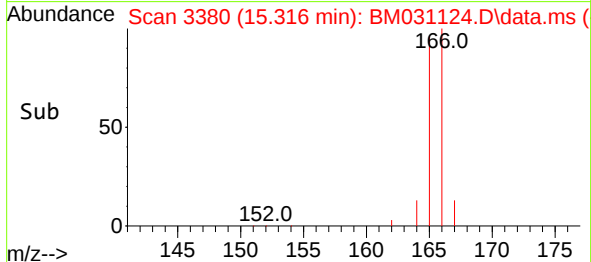
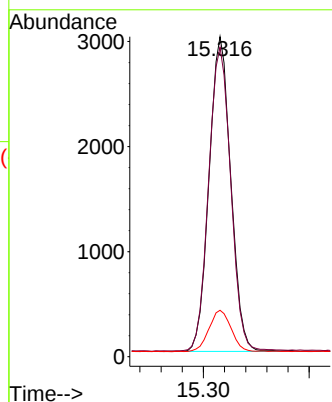
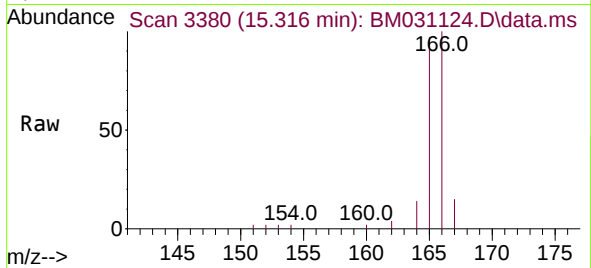




#12
Fluorene
Concen: 0.34 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

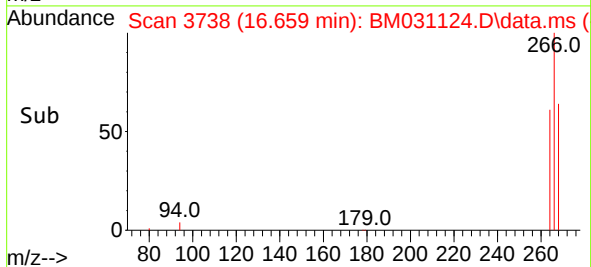
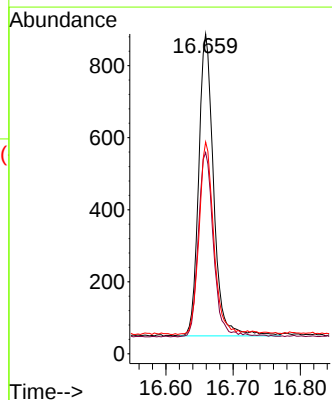
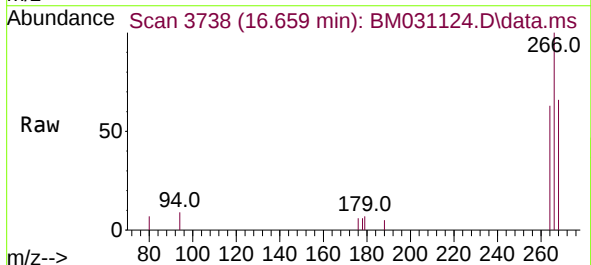
Instrument :
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ClientSampleId :
SLCS799

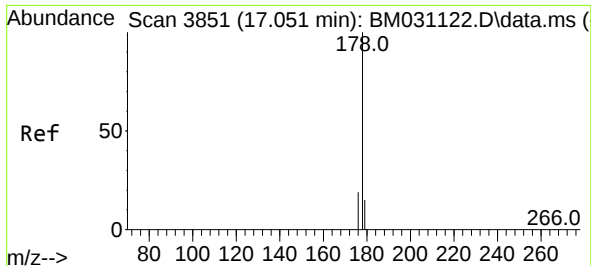
Tgt Ion:	166	Resp:	4277
Ion Ratio	Lower	Upper	
166	100		
165	96.7	78.2	117.2
167	14.5	12.3	18.5



#14
Pentachlorophenol
Concen: 0.58 ng/ul
RT: 16.659 min Scan# 3738
Delta R.T. -0.003 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:	266	Resp:	1290
Ion Ratio	Lower	Upper	
266	100		
264	62.8	50.9	76.3
268	63.6	51.2	76.8

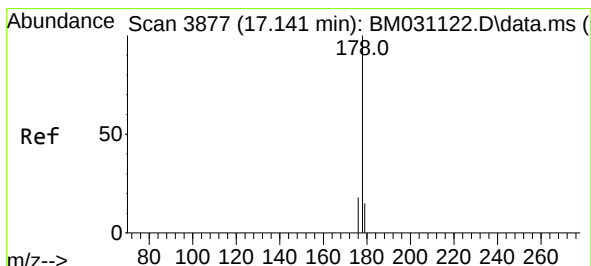
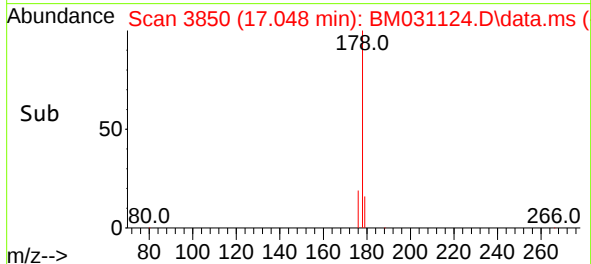
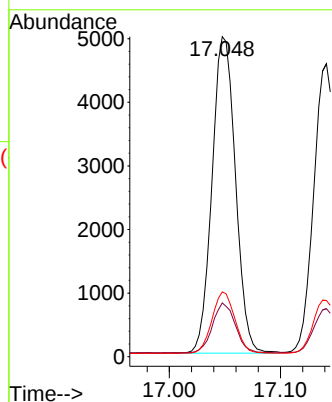
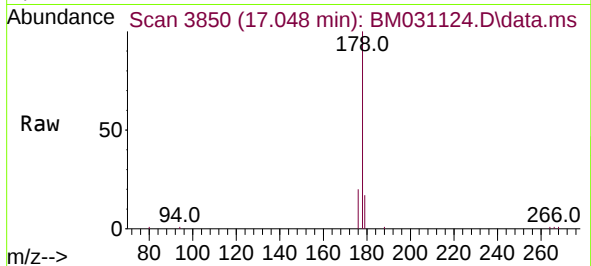




#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

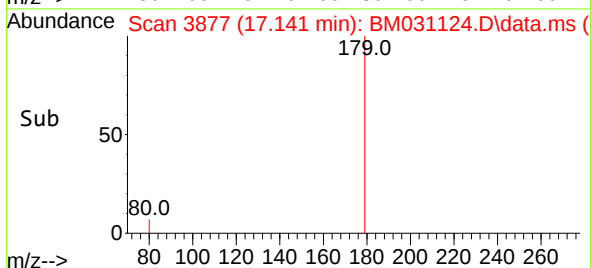
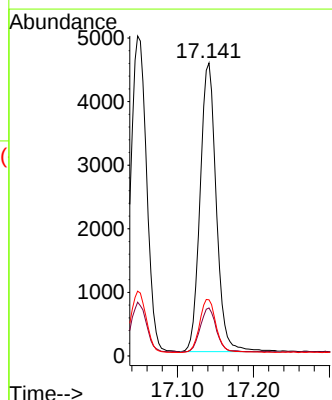
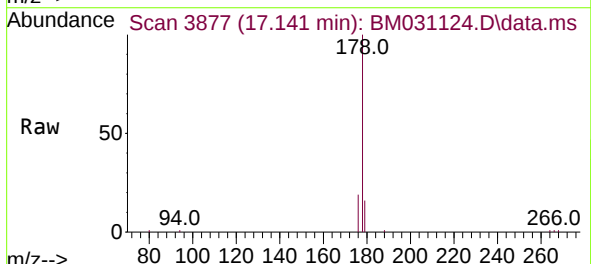
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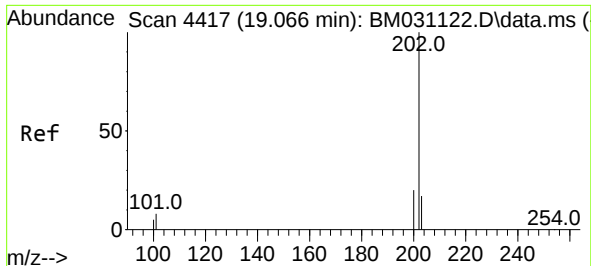
Tgt Ion:178 Resp: 7282
Ion Ratio Lower Upper
178 100
179 16.8 13.3 19.9
176 20.3 15.4 23.2



#16
Anthracene
Concen: 0.35 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.003 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:178 Resp: 6698
Ion Ratio Lower Upper
178 100
179 16.4 13.8 20.8
176 19.2 15.7 23.5

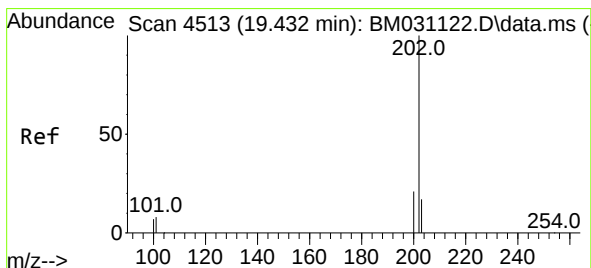
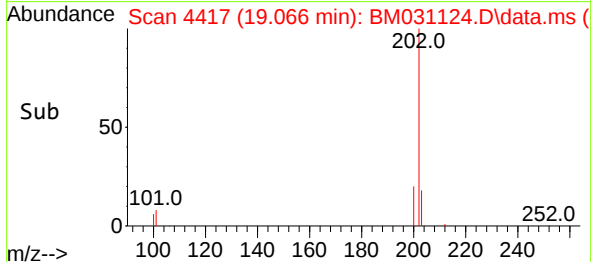
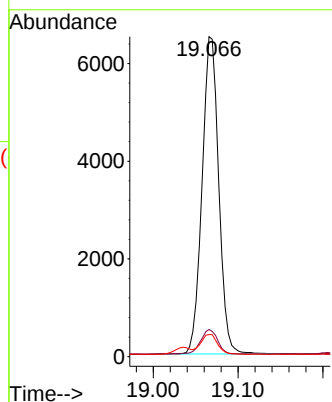
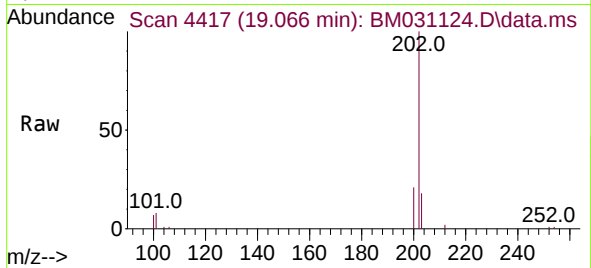




#19
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

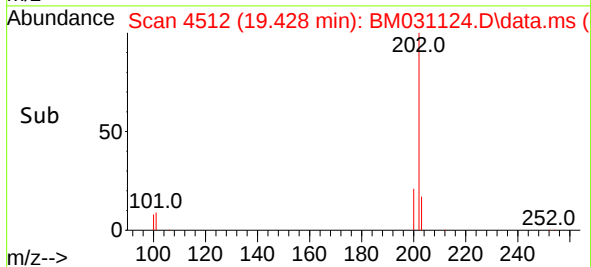
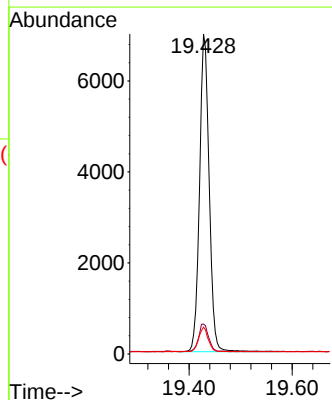
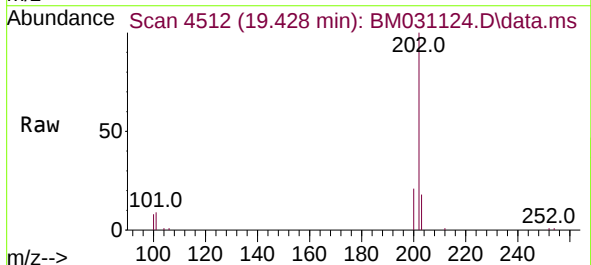
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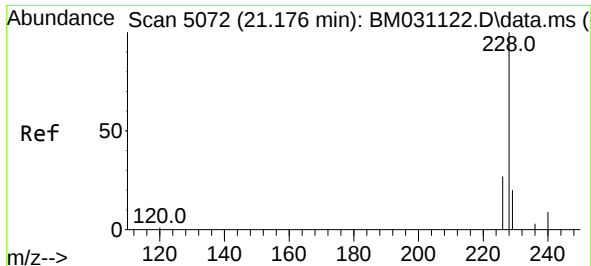
Tgt Ion:	202	Resp:	8846
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.0	9.0
100	6.9	4.8	7.2



#20
Pyrene
Concen: 0.38 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.007 min
Lab File: BM031124.D
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Tgt Ion:	202	Resp:	8992
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.4	11.0
100	8.4	6.0	9.0

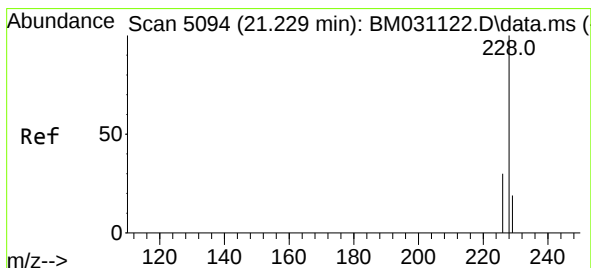
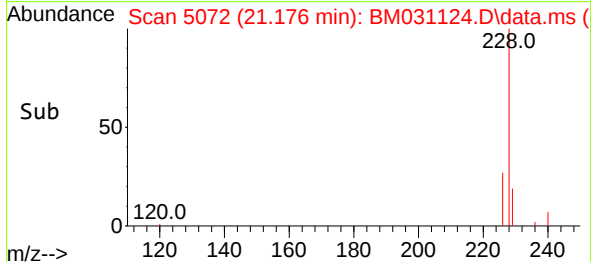
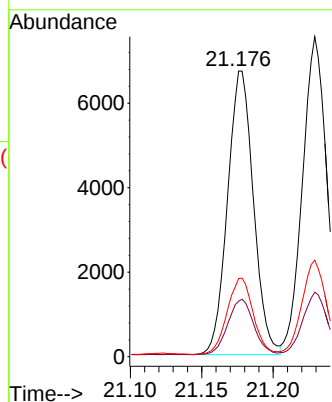
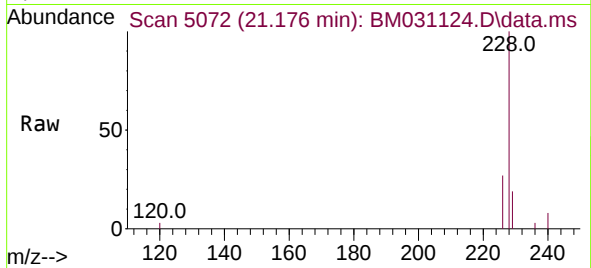




#21
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

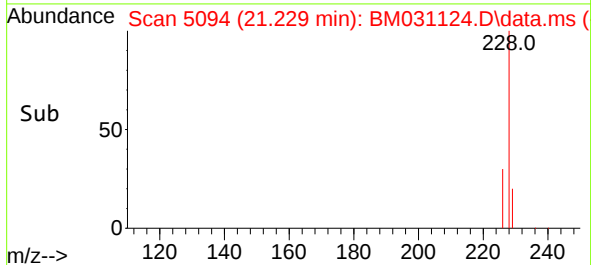
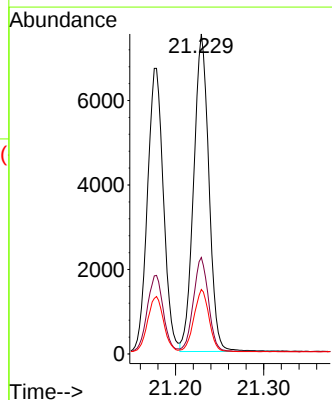
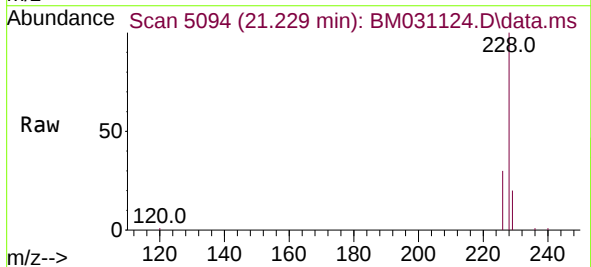
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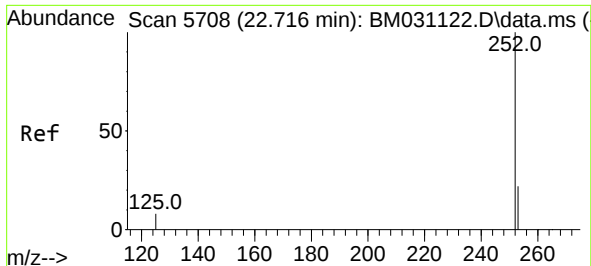
Tgt Ion:228	Resp:	8476
Ion Ratio	Lower	Upper
228	100	
229	19.5	16.0 24.0
226	27.3	21.4 32.2



#22
Chrysene
Concen: 0.36 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:228	Resp:	9003
Ion Ratio	Lower	Upper
228	100	
226	30.2	24.5 36.7
229	20.2	15.8 23.8

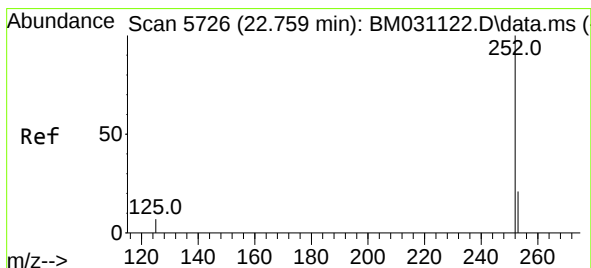
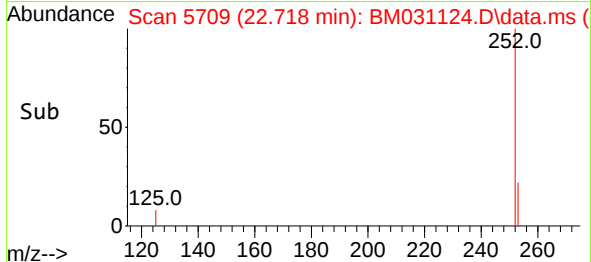
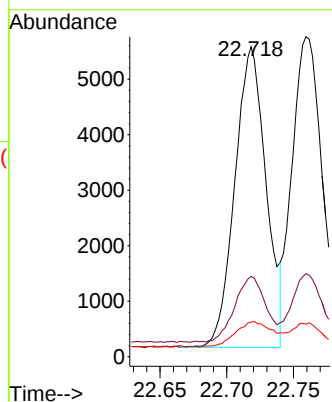
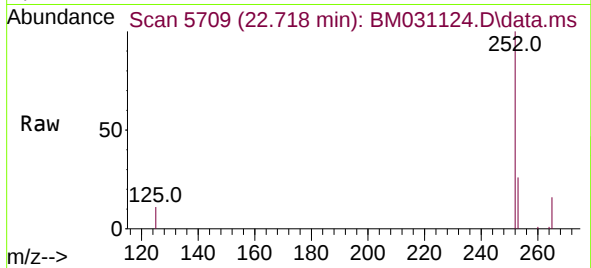




#24
Benzo(b)fluoranthene
Concen: 0.38 ng/ul
RT: 22.718 min Scan# 5709
Delta R.T. -0.007 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

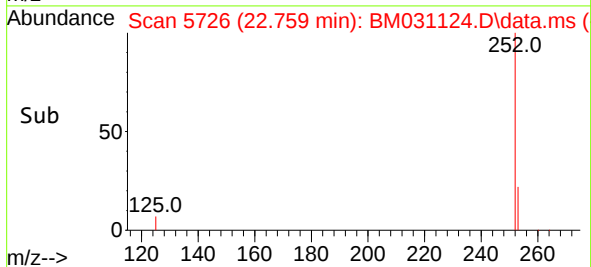
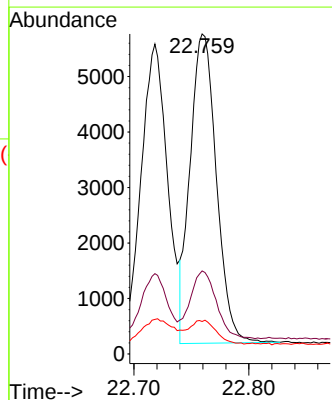
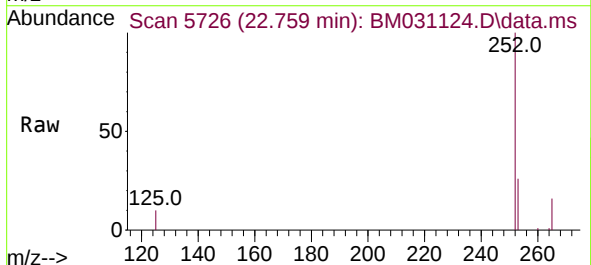
Instrument :
BNA_M
ClientSampleId :
SLCS799

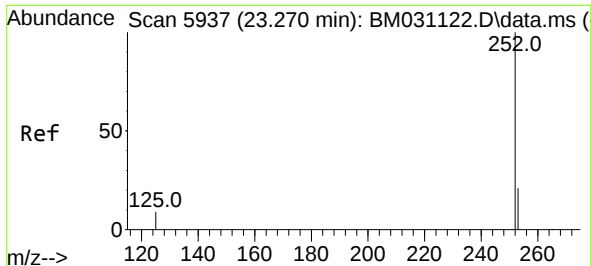
Tgt Ion:252 Resp: 8828
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 11.1 0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.38 ng/ul
RT: 22.759 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:252 Resp: 8849
Ion Ratio Lower Upper
252 100
253 26.0 21.6 32.4
125 10.2 8.6 13.0

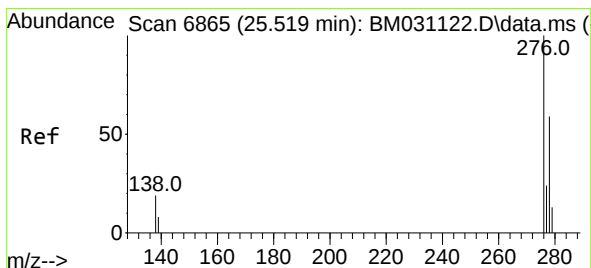
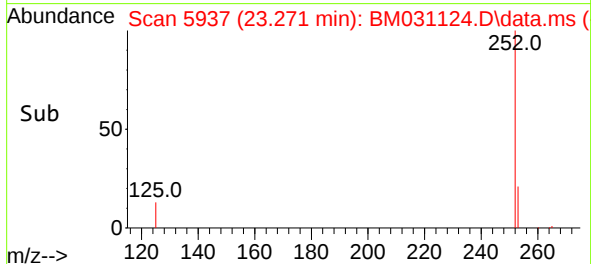
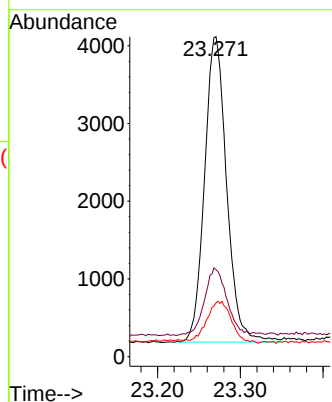
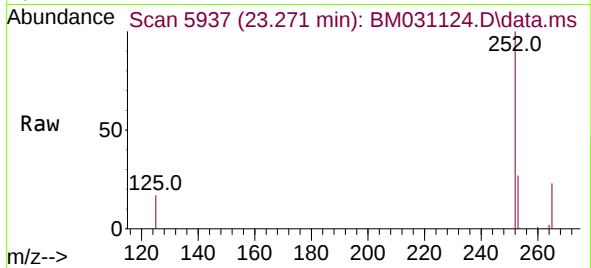




#26
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. -0.010 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

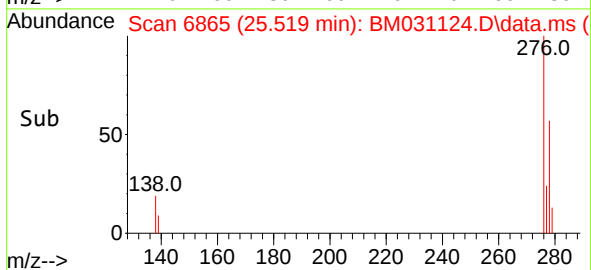
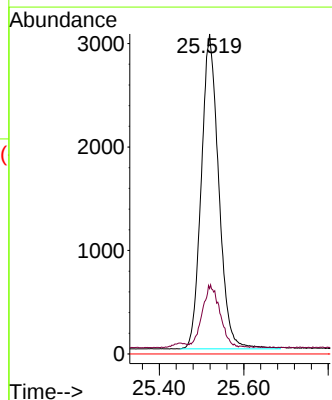
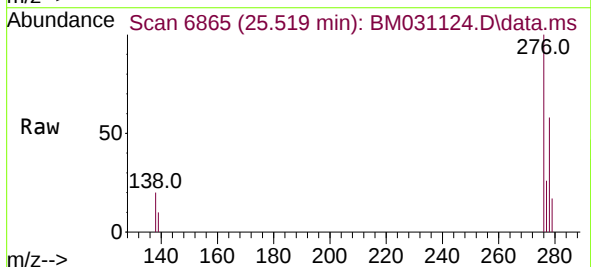
Instrument :
BNA_M
ClientSampleId :
SLCS799

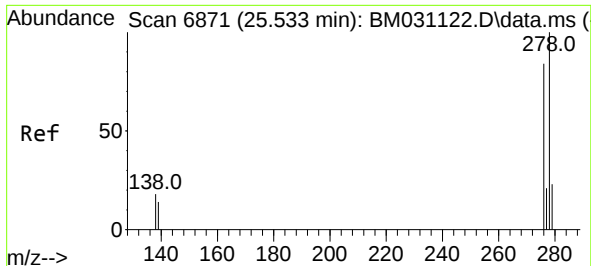
Tgt Ion:252 Resp: 7297
Ion Ratio Lower Upper
252 100
253 27.1 23.1 34.7
125 16.9 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng/ul
RT: 25.519 min Scan# 6865
Delta R.T. -0.014 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:276 Resp: 8707
Ion Ratio Lower Upper
276 100
138 19.9 15.4 23.0
227 0.0 0.0 0.0

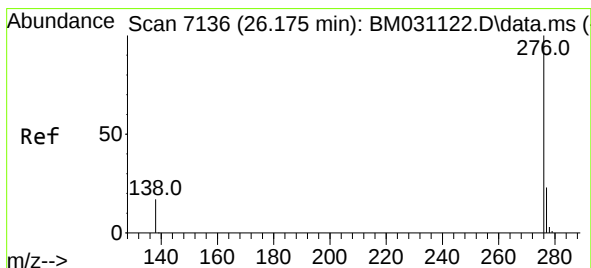
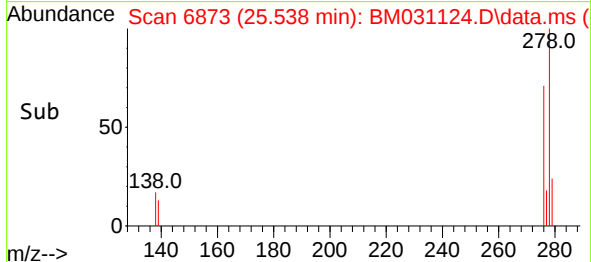
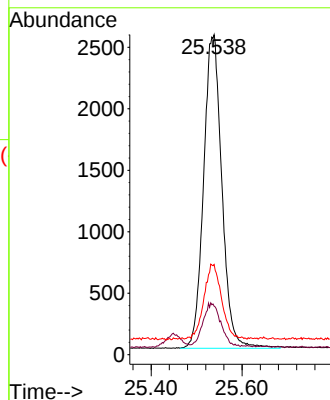
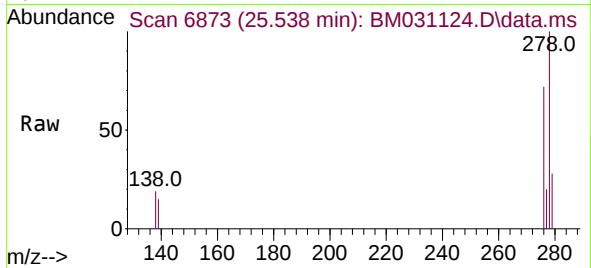




#28
Dibenzo(a,h)anthracene
Concen: 0.34 ng/ul
RT: 25.538 min Scan# 6873
Delta R.T. -0.007 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Instrument :
BNA_M
ClientSampleId :
SLCS799

Tgt Ion:278 Resp: 7126
Ion Ratio Lower Upper
278 100
139 15.2 12.6 18.8
279 28.2 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.32 ng/ul
RT: 26.178 min Scan# 7137
Delta R.T. -0.014 min
Lab File: BM031124.D
Acq: 24 Jul 2021 17:48

Tgt Ion:276 Resp: 7170
Ion Ratio Lower Upper
276 100
138 18.8 14.0 21.0
277 25.4 19.9 29.9

