

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042114.D
 Acq On : 28 Sep 2023 14:48
 Operator : MA/JU
 Sample : PB155752BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS752

Quant Time: Sep 28 16:08:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

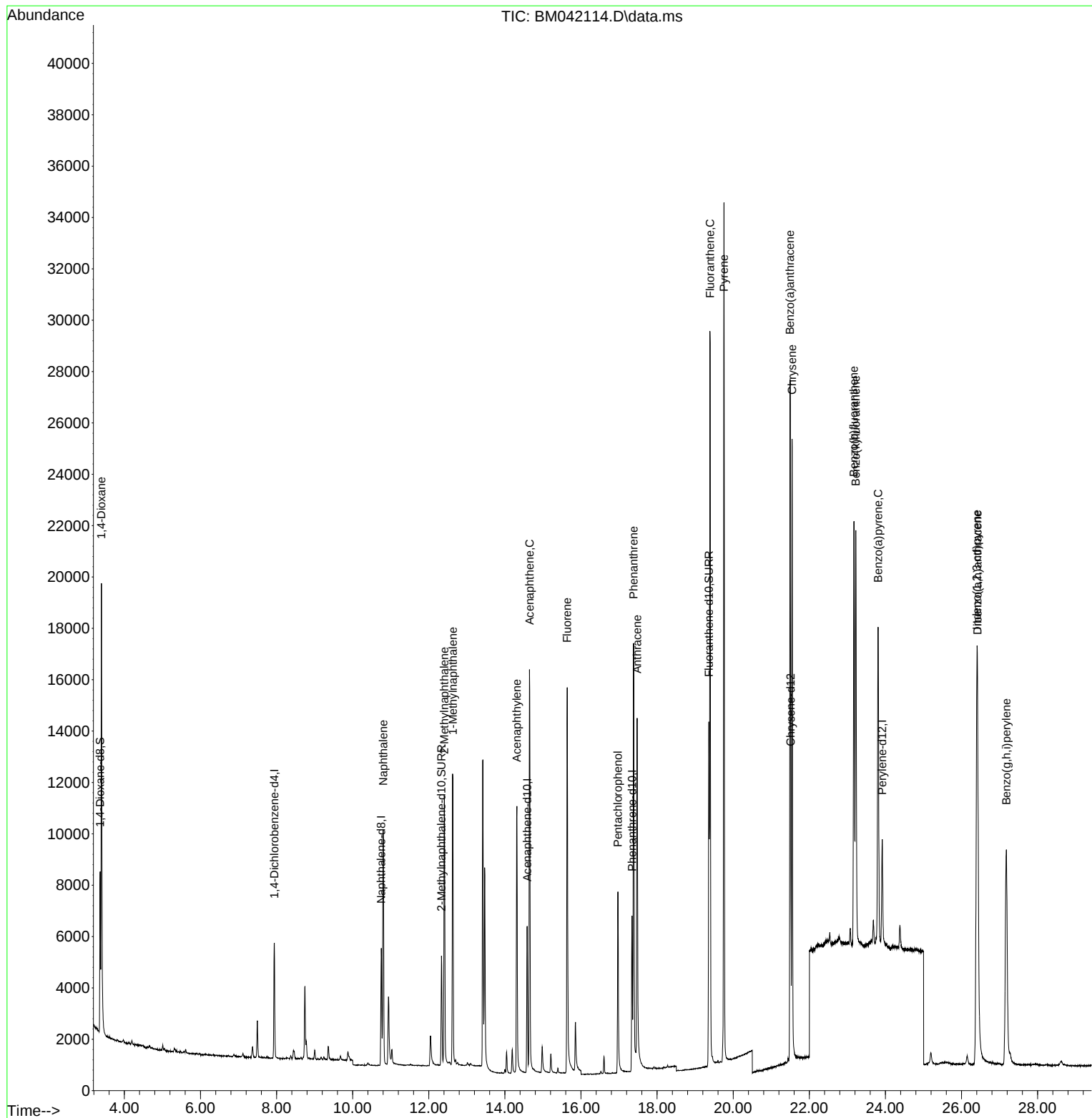
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2321	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	6056	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.587	164	3165	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	7156	0.400	ng/ul	-0.01
17) Chrysene-d12	21.512	240	5413	0.400	ng/ul	-0.01
23) Perylene-d12	23.915	264	5907	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3741	1.183	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	5779	0.762	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	12879	0.578	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	11332	3.405	ng/ul#	88
5) Naphthalene	10.801	128	12796	0.631	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	8121	0.672	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	7939	0.647	ng/ul	98
10) Acenaphthylene	14.314	152	13524	0.638	ng/ul	100
11) Acenaphthene	14.648	153	9693	0.596	ng/ul	100
12) Fluorene	15.638	166	11185	0.611	ng/ul	99
14) Pentachlorophenol	16.970	266	5124	1.354	ng/ul	100
15) Phenanthrene	17.384	178	18892	0.569	ng/ul	100
16) Anthracene	17.476	178	17409	0.607	ng/ul	100
19) Fluoranthene	19.394	202	24737	0.404	ng/ul	95
20) Pyrene	19.757	202	26747	0.445	ng/ul	96
21) Benzo(a)anthracene	21.495	228	22112	0.539	ng/ul	99
22) Chrysene	21.548	228	21428	0.505	ng/ul	98
24) Benzo(b)fluoranthene	23.173	252	21997	0.484	ng/ul	99
25) Benzo(k)fluoranthene	23.222	252	21759	0.492	ng/ul	99
26) Benzo(a)pyrene	23.807	252	20040	0.536	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.401	276	24207	0.472	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.421	278	18168	0.490	ng/ul	96
29) Benzo(g,h,i)perylene	27.179	276	19738	0.457	ng/ul	96

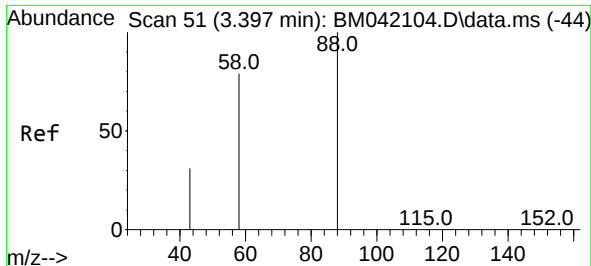
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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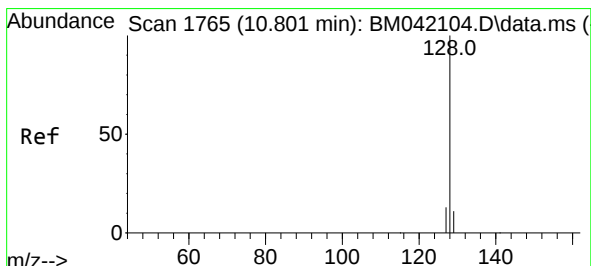
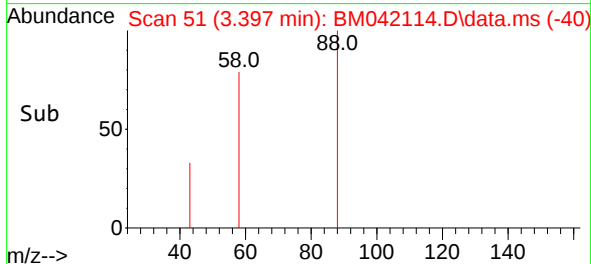
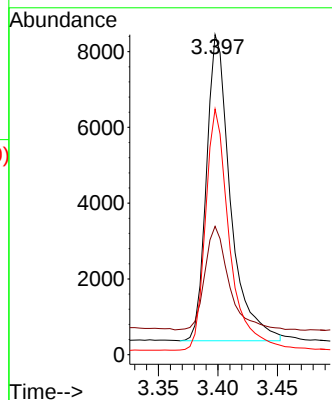
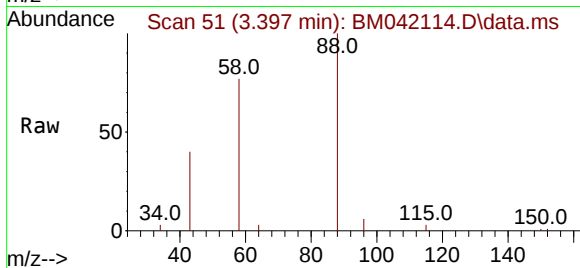




#2
1,4-Dioxane
Concen: 3.405 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

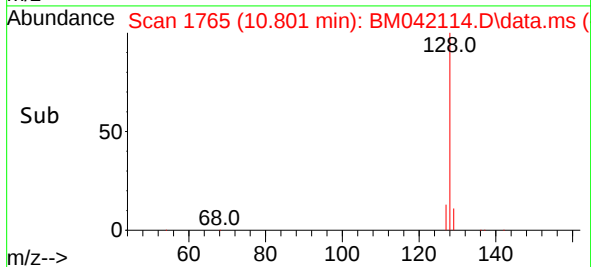
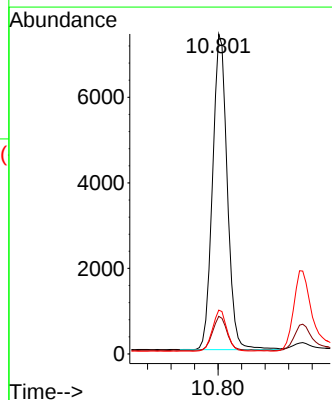
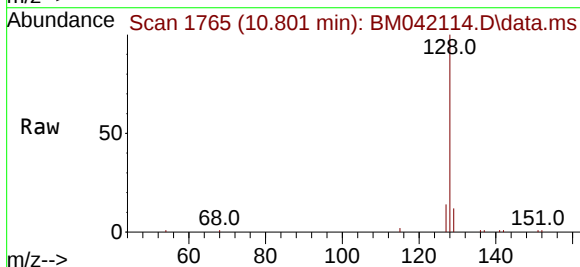
Instrument :
BNA_M
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SLCS752

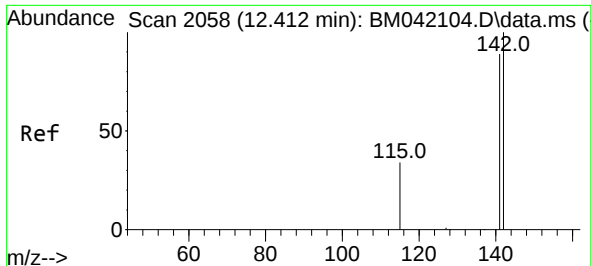
Tgt Ion: 88 Resp: 11332
Ion Ratio Lower Upper
88 100
43 40.1 42.9 64.3#
58 76.8 56.4 84.6



#5
Naphthalene
Concen: 0.631 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion: 128 Resp: 12796
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.7 10.8 16.2

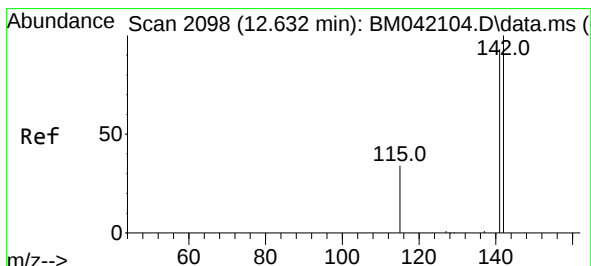
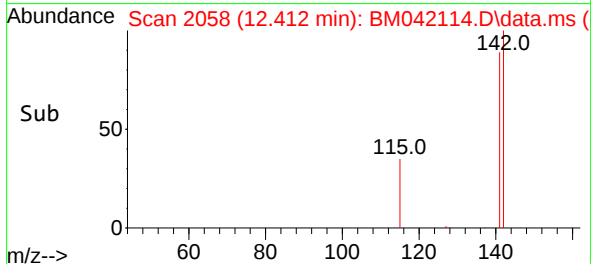
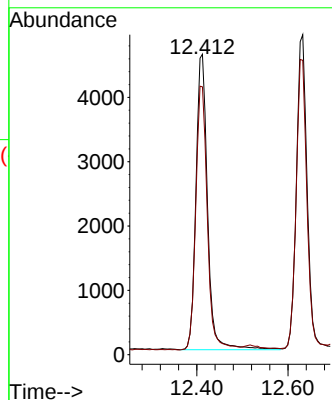
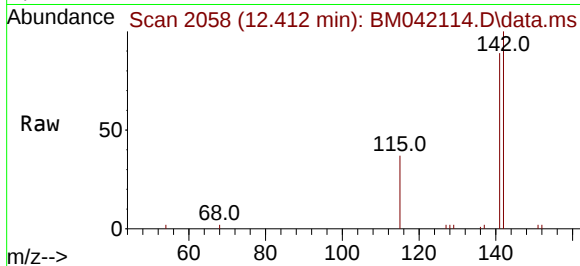




#7
2-Methylnaphthalene
Concen: 0.672 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

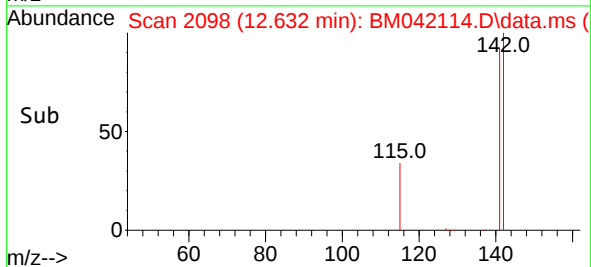
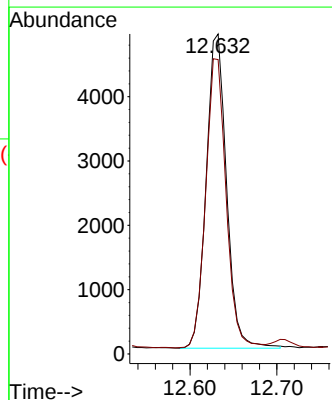
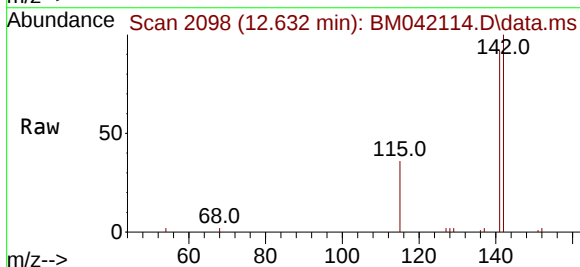
Instrument :
BNA_M
ClientSampleId :
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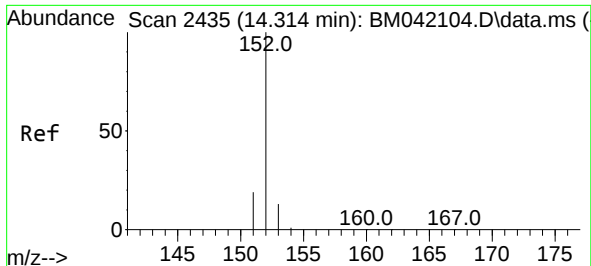
Tgt Ion:142 Resp: 8121
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.647 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:142 Resp: 7939
Ion Ratio Lower Upper
142 100
141 92.4 75.1 112.7

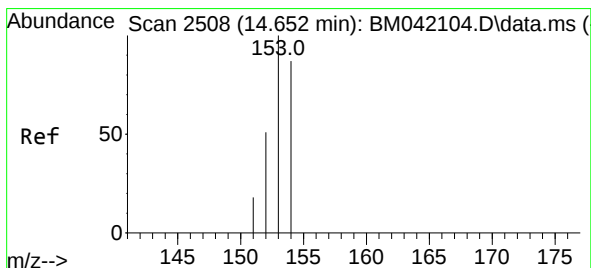
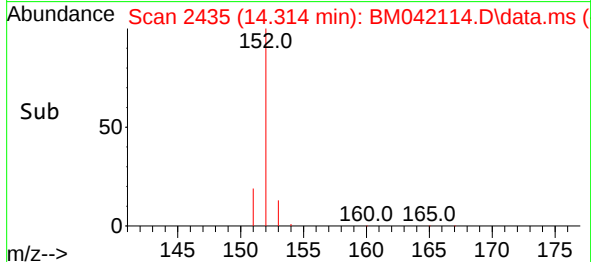
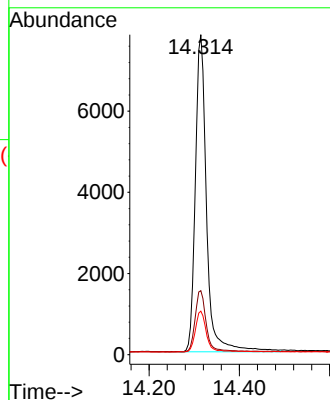
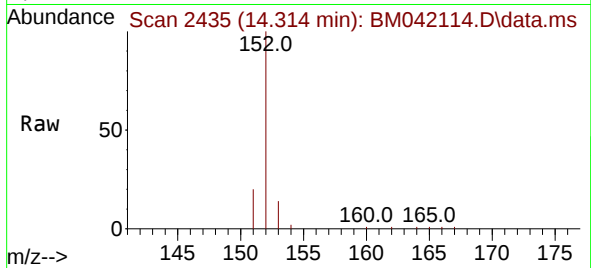




#10
Acenaphthylene
Concen: 0.638 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.014 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

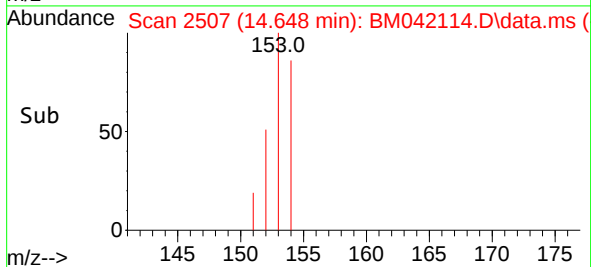
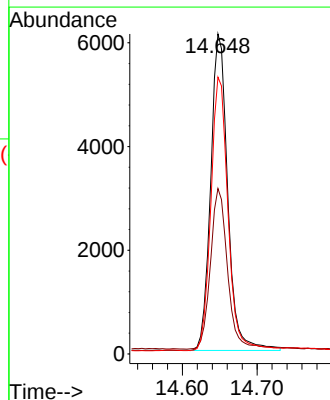
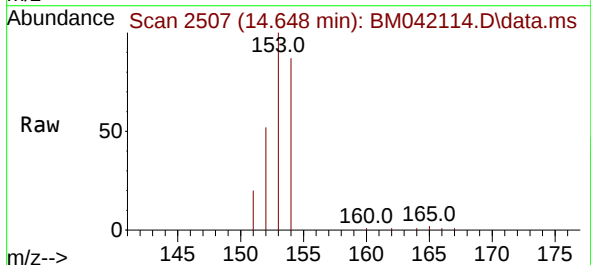
Instrument :
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ClientSampleId :
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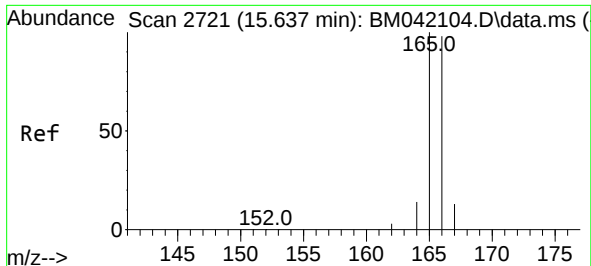
Tgt Ion:152 Resp: 13524
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.596 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. -0.014 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:153 Resp: 9693
Ion Ratio Lower Upper
153 100
152 51.7 41.8 62.8
154 86.5 69.0 103.6

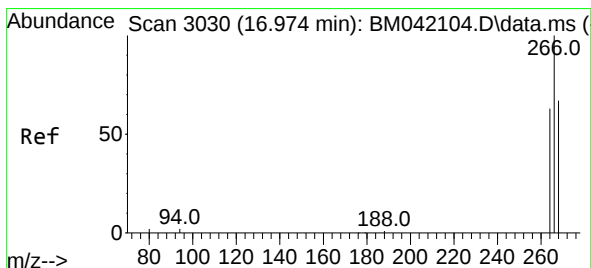
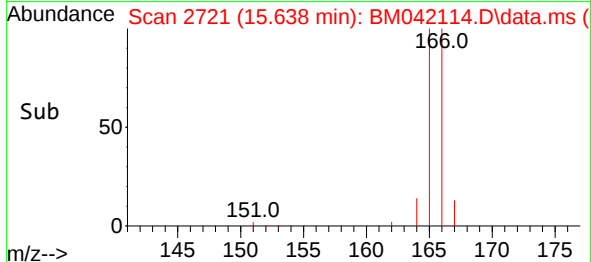
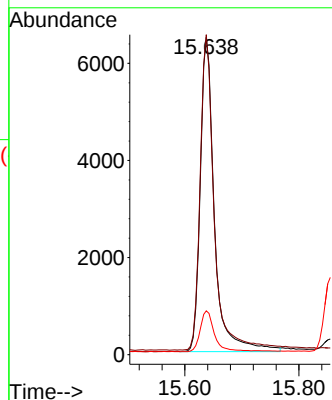
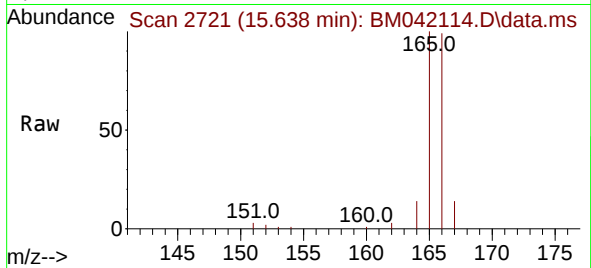




#12
Fluorene
Concen: 0.611 ng/ul
RT: 15.638 min Scan# 211
Delta R.T. -0.014 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

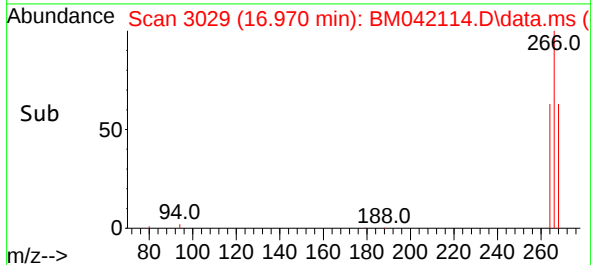
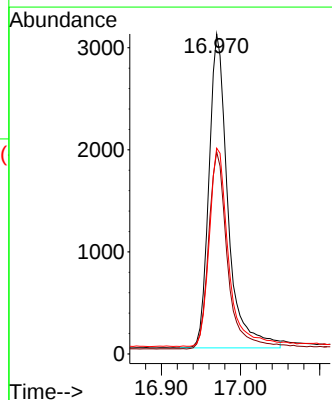
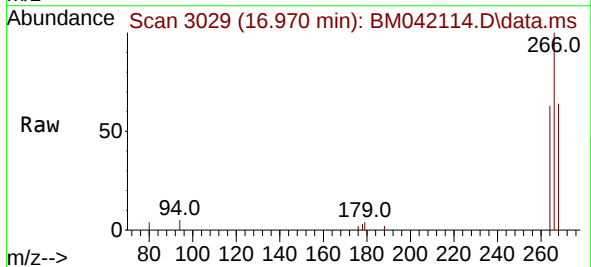
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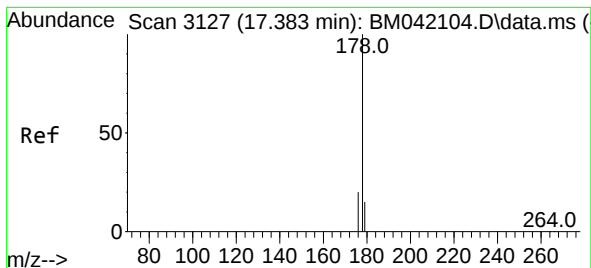
Tgt Ion:166 Resp: 11185
Ion Ratio Lower Upper
166 100
165 100.8 79.8 119.8
167 13.8 11.1 16.7



#14
Pentachlorophenol
Concen: 1.354 ng/ul
RT: 16.970 min Scan# 3029
Delta R.T. -0.013 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:266 Resp: 5124
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.4
268 64.0 51.0 76.4





#15

Phenanthrene

Concen: 0.569 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. -0.013 min

Lab File: BM042114.D

Acq: 28 Sep 2023 14:48

Instrument :

BNA_M

ClientSampleId :

SLCS752

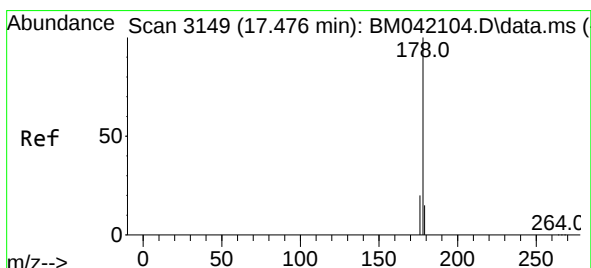
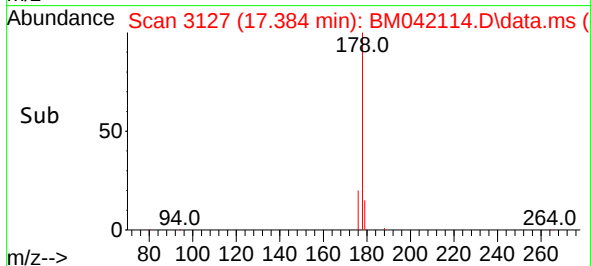
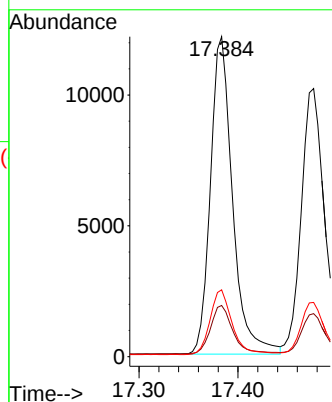
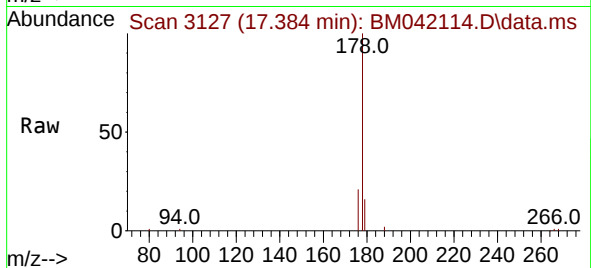
Tgt Ion:178 Resp: 18892

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.607 ng/ul

RT: 17.476 min Scan# 3149

Delta R.T. -0.013 min

Lab File: BM042114.D

Acq: 28 Sep 2023 14:48

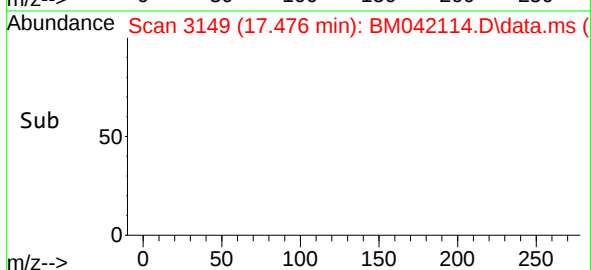
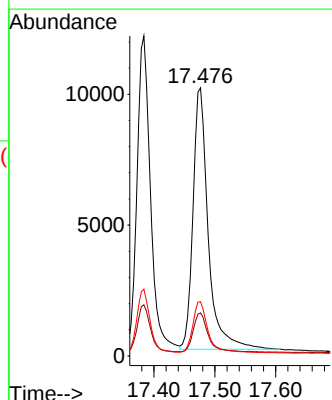
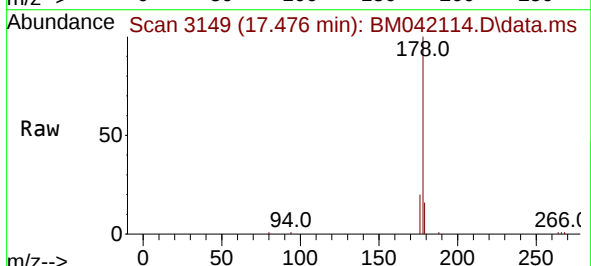
Tgt Ion:178 Resp: 17409

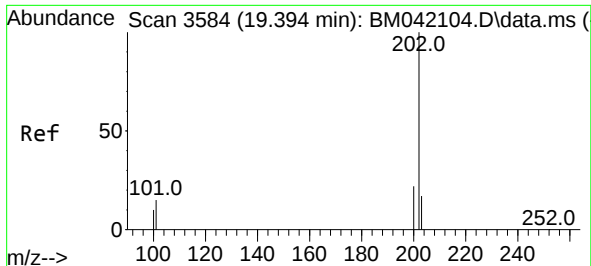
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.2 16.2 24.2

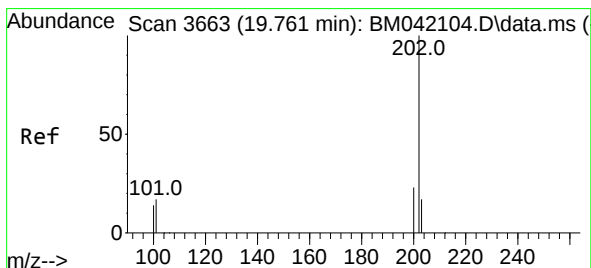
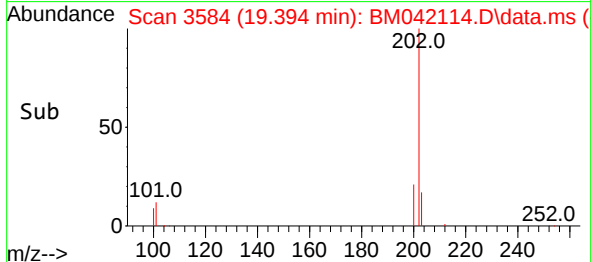
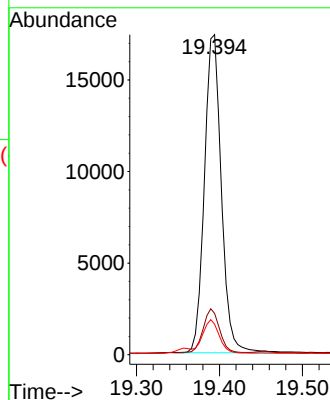
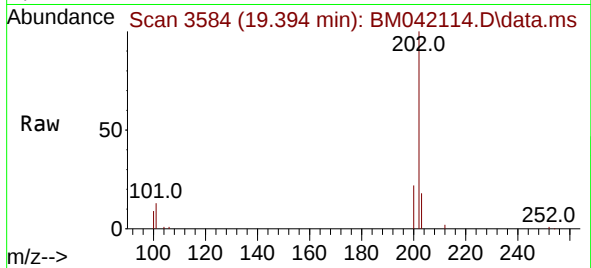




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

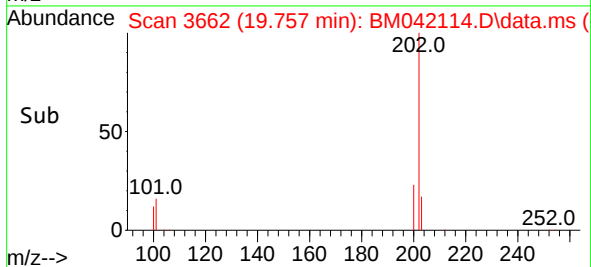
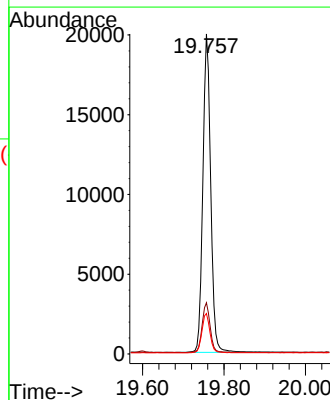
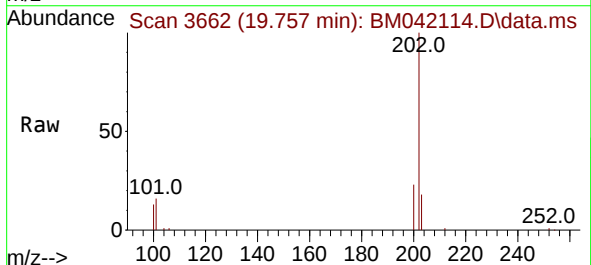
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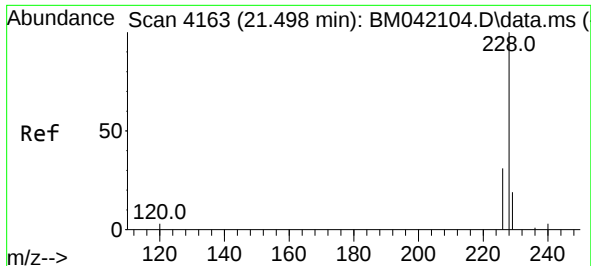
Tgt Ion:202 Resp: 24737
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.6
100 9.5 9.1 13.7



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:202 Resp: 26747
Ion Ratio Lower Upper
202 100
101 16.0 14.1 21.1
100 12.7 11.4 17.0

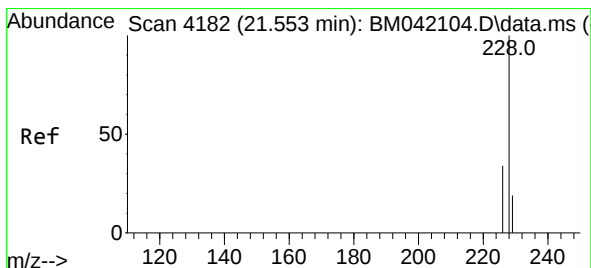
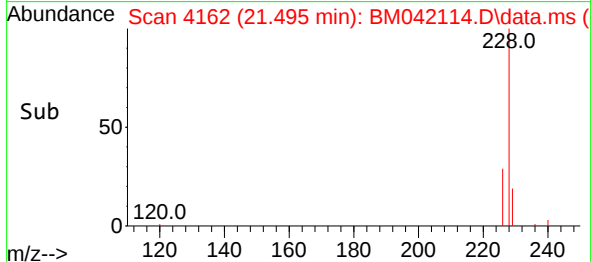
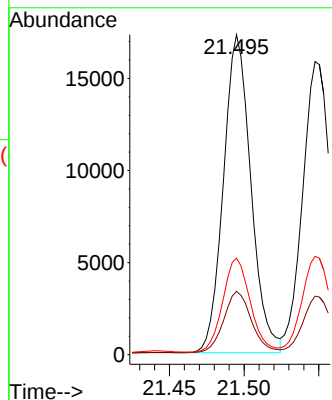
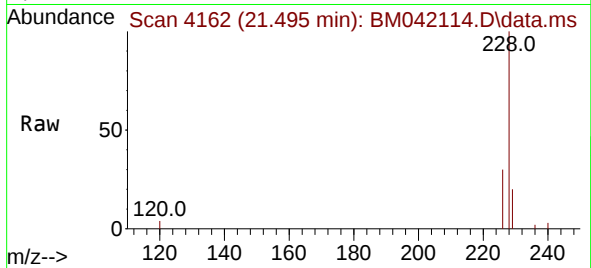




#21
Benzo(a)anthracene
Concen: 0.539 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.012 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

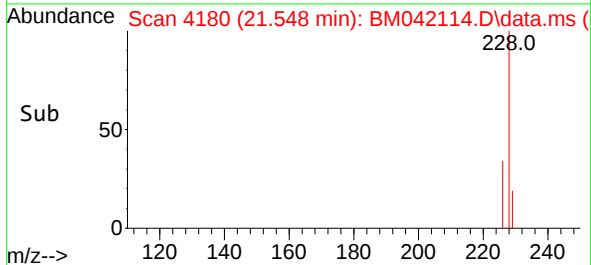
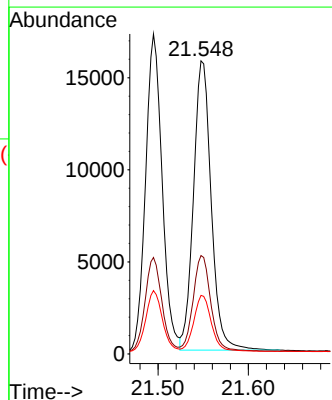
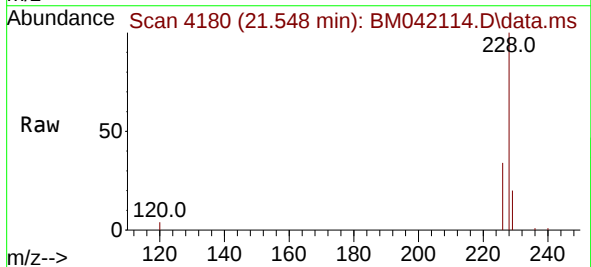
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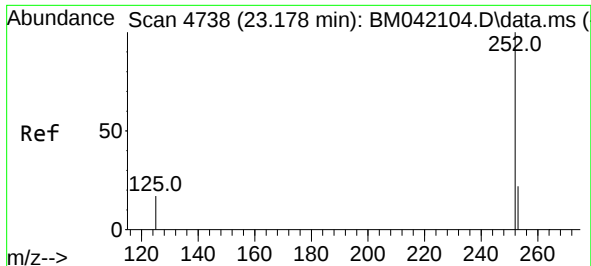
Tgt Ion:228 Resp: 22112
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 30.1 24.8 37.2



#22
Chrysene
Concen: 0.505 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.015 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:228 Resp: 21428
Ion Ratio Lower Upper
228 100
226 33.5 27.8 41.6
229 20.0 15.6 23.4

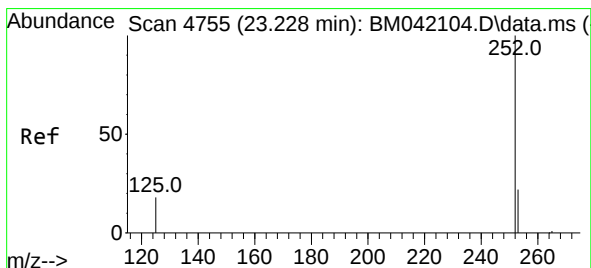
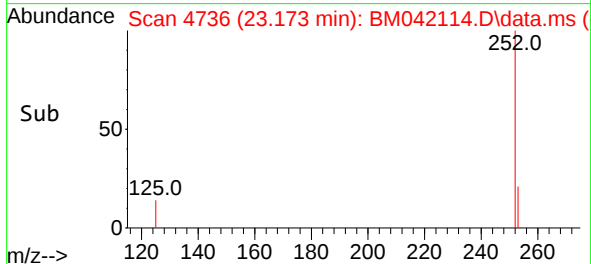
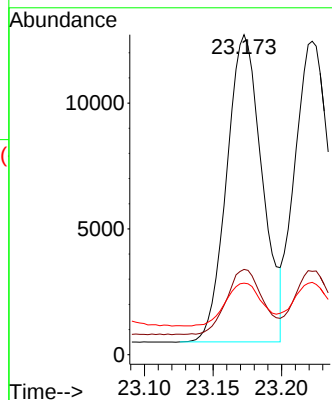
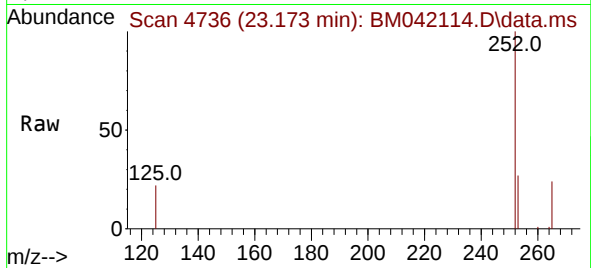




#24
Benzo(b)fluoranthene
Concen: 0.484 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. -0.017 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

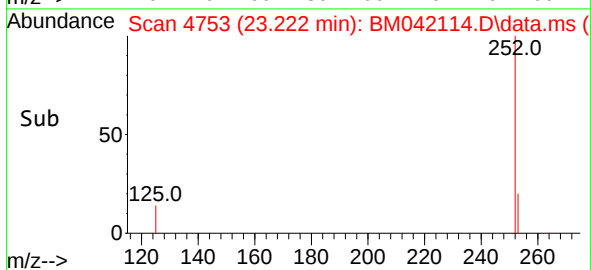
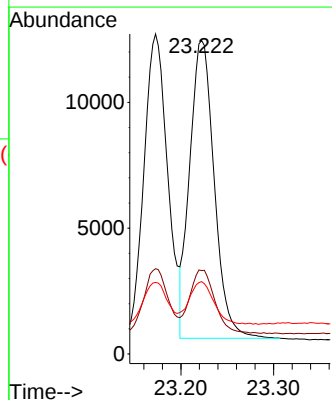
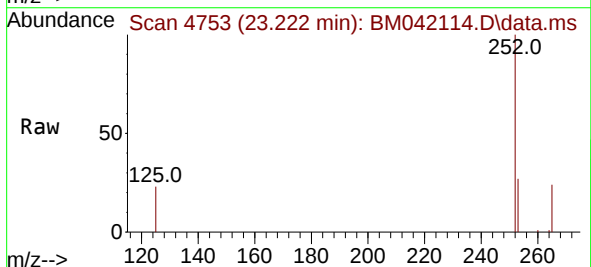
Instrument :
BNA_M
ClientSampleId :
SLCS752

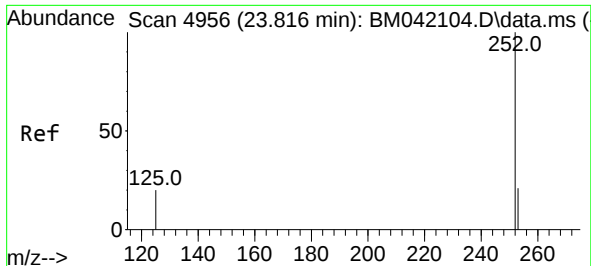
Tgt Ion:252 Resp: 21997
Ion Ratio Lower Upper
252 100
253 26.7 0.0 54.4
125 22.4 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.017 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:252 Resp: 21759
Ion Ratio Lower Upper
252 100
253 26.6 21.0 31.6
125 23.1 19.0 28.6

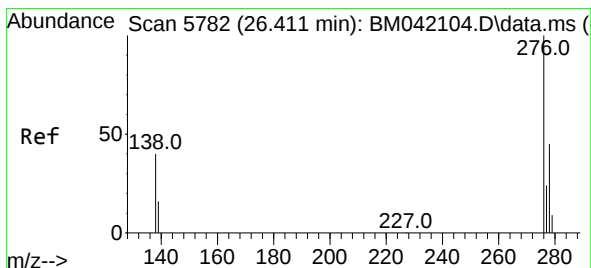
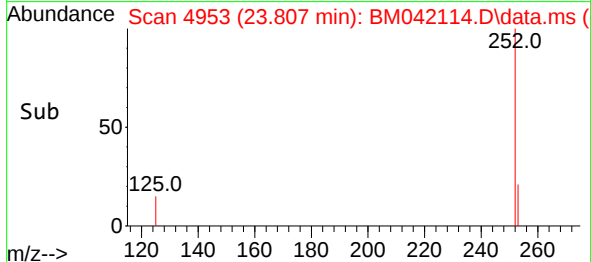
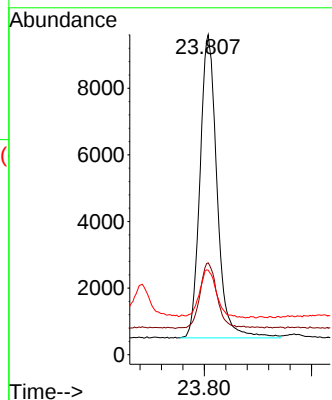
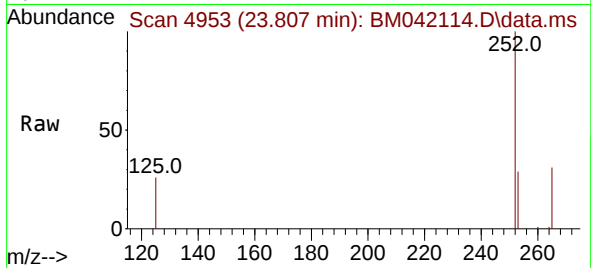




#26
Benzo(a)pyrene
Concen: 0.536 ng/ul
RT: 23.807 min Scan# 4956
Delta R.T. -0.020 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

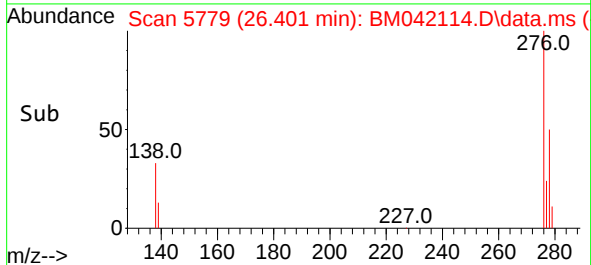
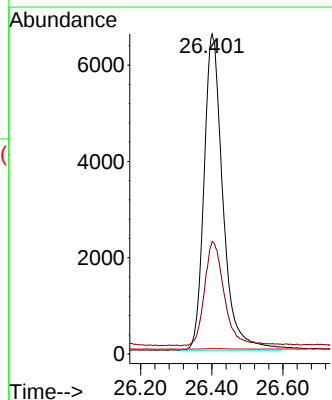
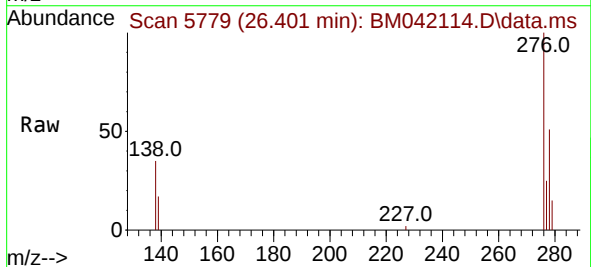
Instrument :
BNA_M
ClientSampleId :
SLCS752

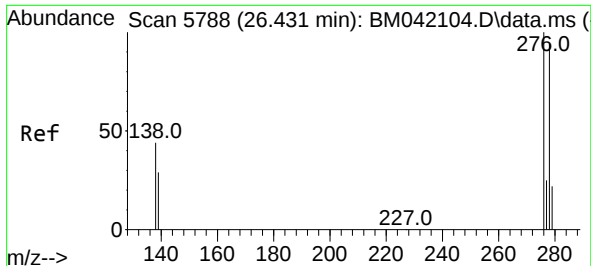
Tgt Ion:252 Resp: 20040
Ion Ratio Lower Upper
252 100
253 28.7 23.2 34.8
125 26.4 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 26.401 min Scan# 5779
Delta R.T. -0.030 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:276 Resp: 24207
Ion Ratio Lower Upper
276 100
138 34.2 32.1 48.1
227 0.1 0.2 0.2#

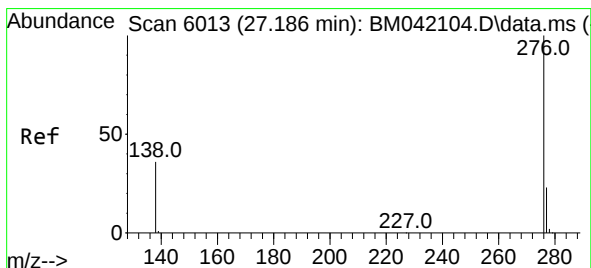
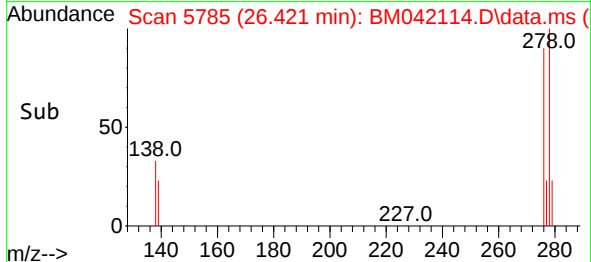
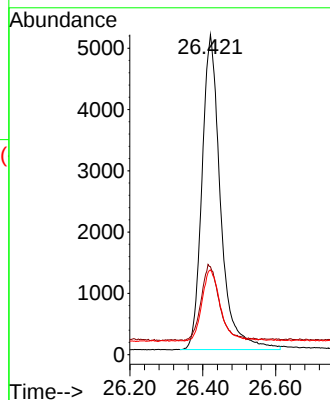
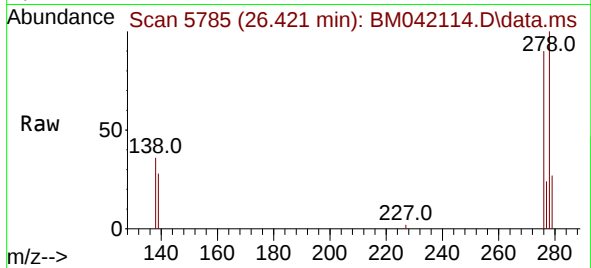




#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 26.421 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Instrument :
BNA_M
ClientSampleId :
SLCS752

Tgt Ion:278 Resp: 18168
Ion Ratio Lower Upper
278 100
139 27.5 25.0 37.6
279 26.5 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 27.179 min Scan# 6011
Delta R.T. -0.030 min
Lab File: BM042114.D
Acq: 28 Sep 2023 14:48

Tgt Ion:276 Resp: 19738
Ion Ratio Lower Upper
276 100
138 32.4 29.0 43.4
277 25.2 19.6 29.4

