

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042134.D
 Acq On : 29 Sep 2023 02:52
 Operator : MA/JU
 Sample : PB155821BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS821

Quant Time: Sep 29 04:43:09 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 29 04:39:33 2023
 Response via : Initial Calibration

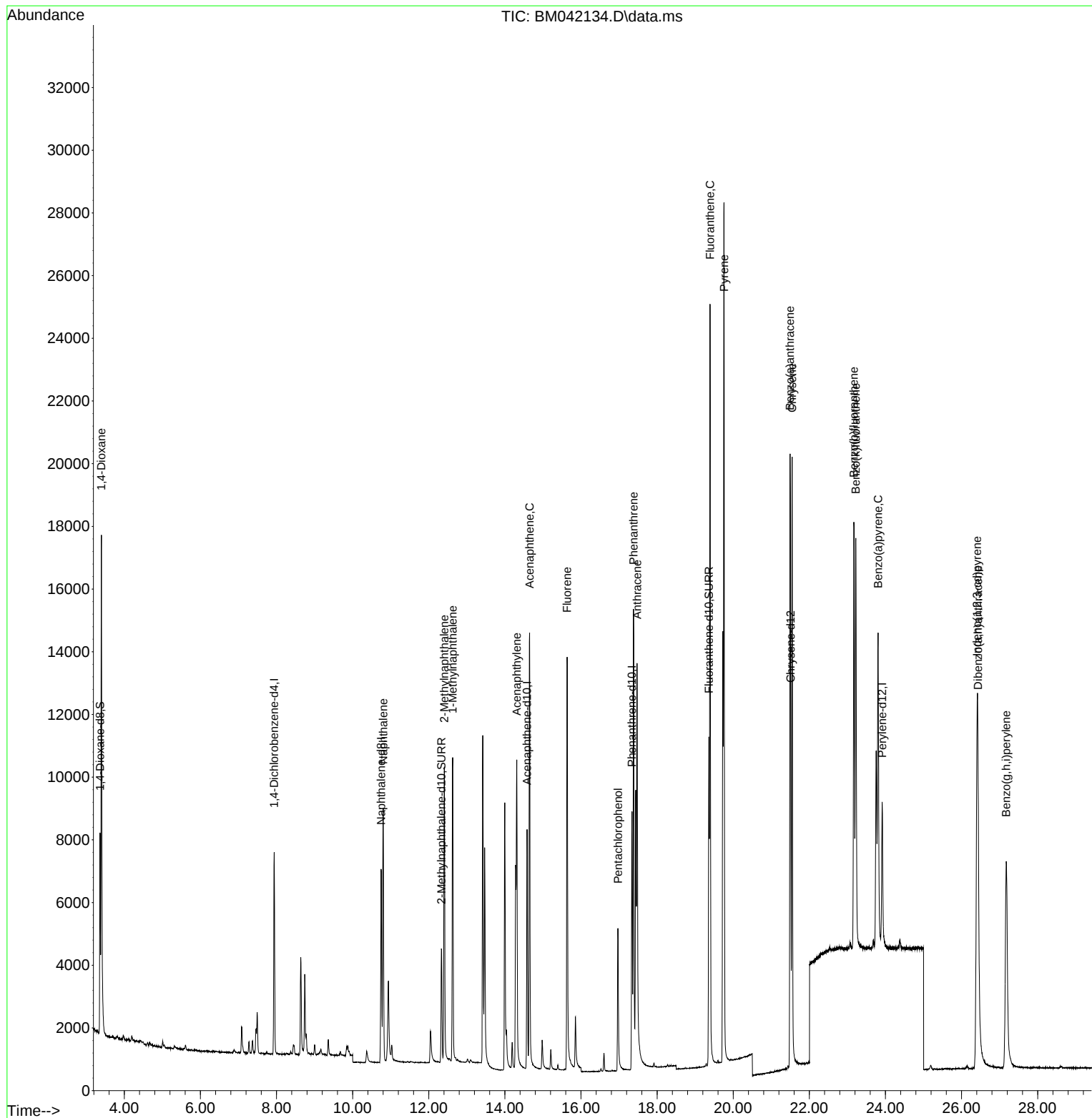
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	8286	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	4176	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	9371	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	6047	0.400	ng/ul	0.00
23) Perylene-d12	23.913	264	6342	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	4156	0.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	5101	0.492	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	10105	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	10771	2.261	ng/ul#	87
5) Naphthalene	10.803	128	11500	0.414	ng/ul	100
7) 2-Methylnaphthalene	12.408	142	7186	0.434	ng/ul	99
8) 1-Methylnaphthalene	12.628	142	6957	0.414	ng/ul	99
10) Acenaphthylene	14.311	152	11759	0.420	ng/ul	99
11) Acenaphthene	14.648	153	8496	0.396	ng/ul	99
12) Fluorene	15.634	166	9888	0.409	ng/ul	99
14) Pentachlorophenol	16.971	266	3572	0.721	ng/ul	99
15) Phenanthrene	17.380	178	16729	0.385	ng/ul	100
16) Anthracene	17.473	178	15270	0.407	ng/ul	99
19) Fluoranthene	19.391	202	20674	0.302	ng/ul	99
20) Pyrene	19.758	202	22261	0.331	ng/ul	98
21) Benzo(a)anthracene	21.493	228	16859	0.368	ng/ul	99
22) Chrysene	21.549	228	17407	0.367	ng/ul	98
24) Benzo(b)fluoranthene	23.171	252	18246	0.374	ng/ul	98
25) Benzo(k)fluoranthene	23.221	252	17814	0.375	ng/ul	98
26) Benzo(a)pyrene	23.805	252	15954	0.398	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.409	276	19535	0.354	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.429	278	14492	0.364	ng/ul	96
29) Benzo(g,h,i)perylene	27.174	276	16509	0.356	ng/ul	97

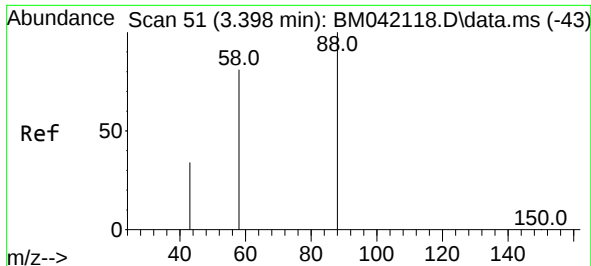
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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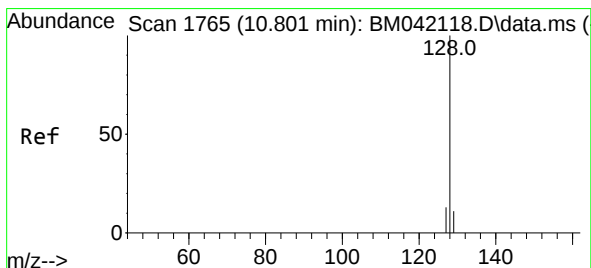
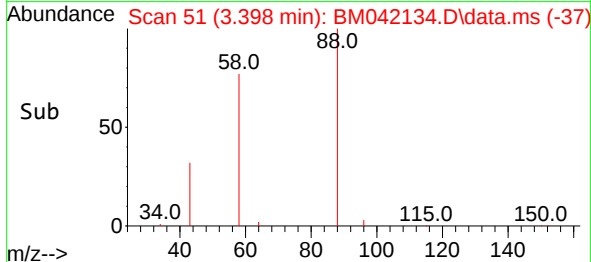
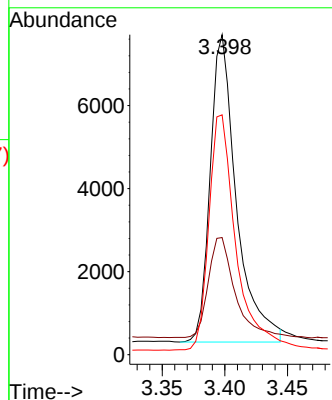
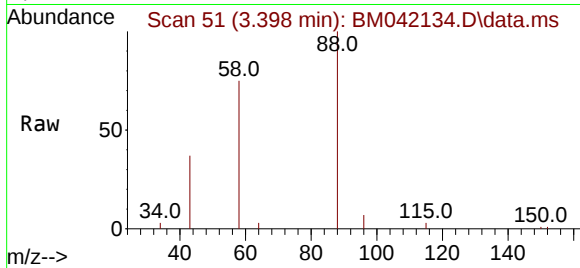




#2
 1,4-Dioxane
 Concen: 2.261 ng/ul
 RT: 3.398 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM042134.D
 Acq: 29 Sep 2023 02:52

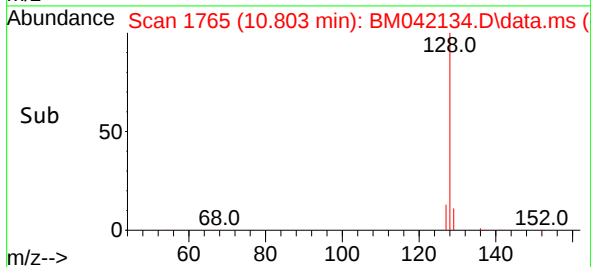
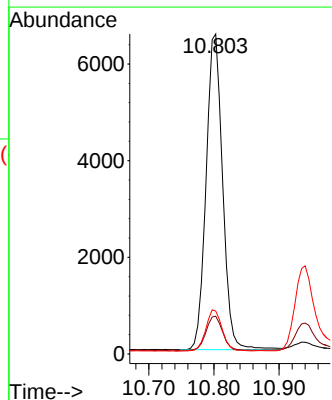
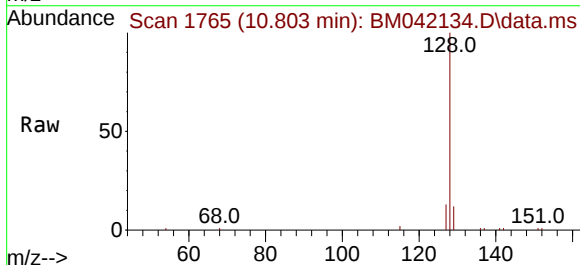
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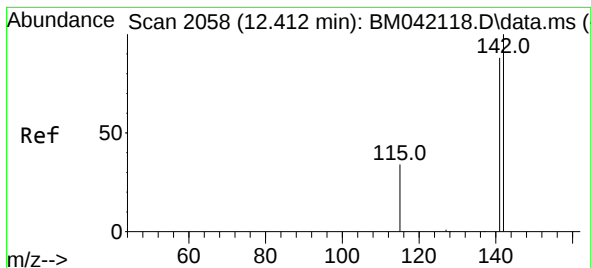
Tgt Ion: 88 Resp: 10771
 Ion Ratio Lower Upper
 88 100
 43 36.6 42.9 64.3#
 58 74.9 56.4 84.6



#5
 Naphthalene
 Concen: 0.414 ng/ul
 RT: 10.803 min Scan# 1765
 Delta R.T. 0.002 min
 Lab File: BM042134.D
 Acq: 29 Sep 2023 02:52

Tgt Ion: 128 Resp: 11500
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.2 13.8
 127 13.4 10.8 16.2

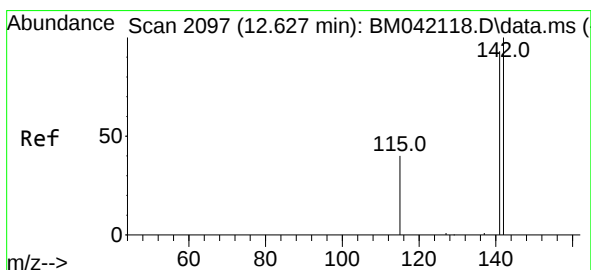
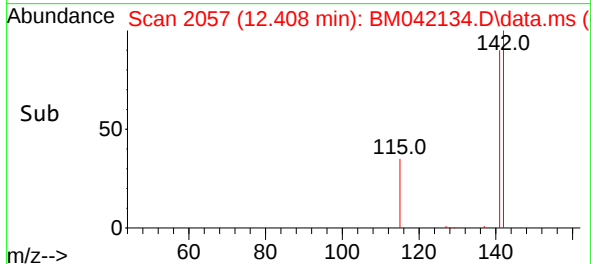
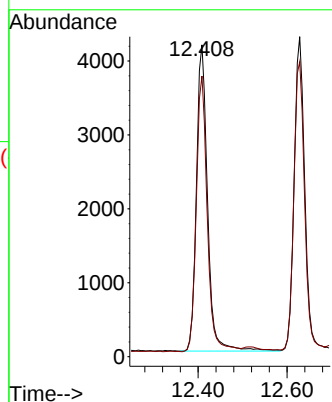
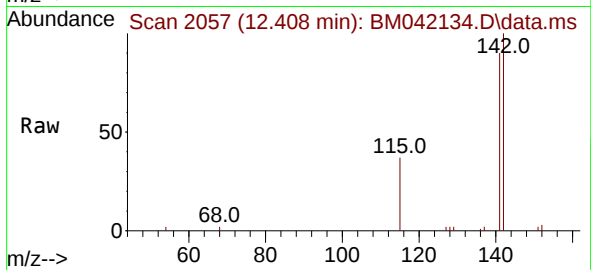




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. -0.004 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

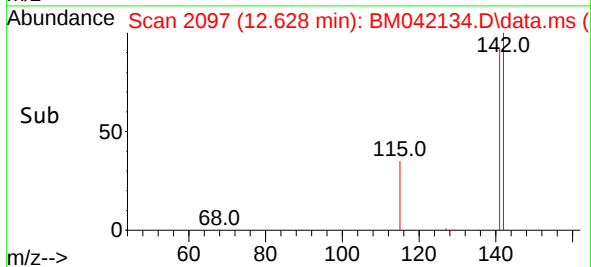
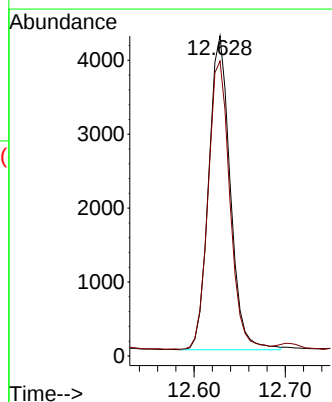
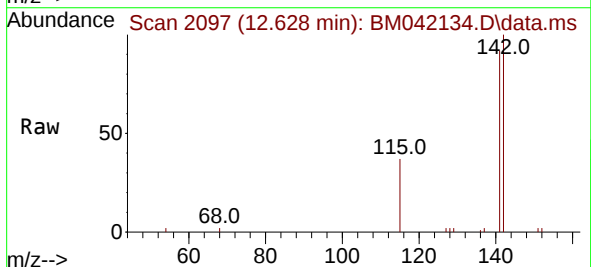
Instrument :
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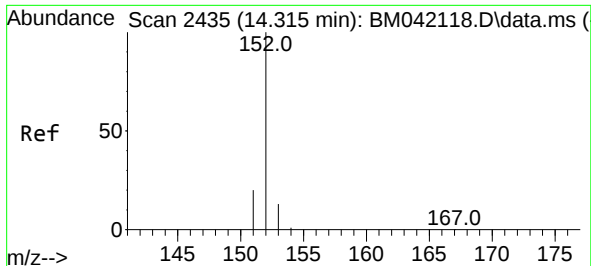
Tgt Ion:142 Resp: 7186
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. 0.002 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

Tgt Ion:142 Resp: 6957
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7

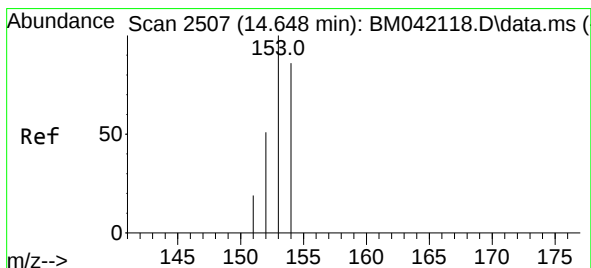
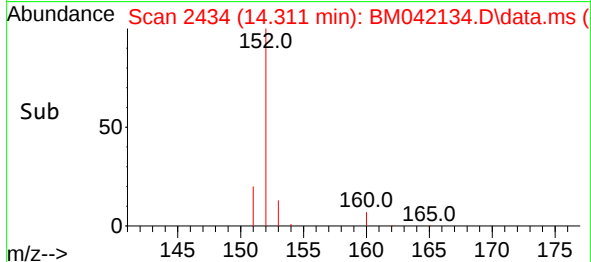
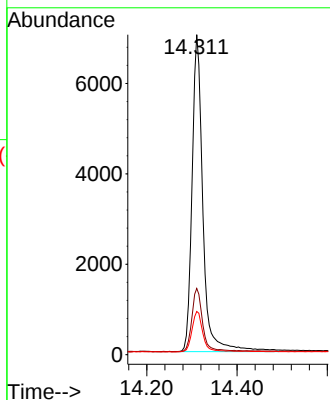
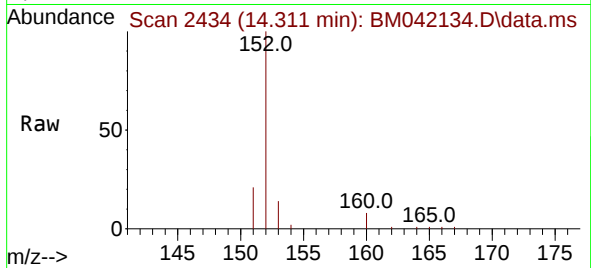




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 14.311 min Scan# 2435
Delta R.T. -0.004 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

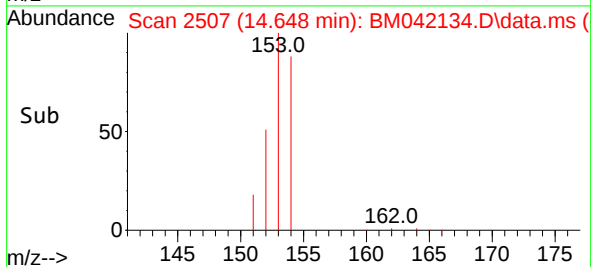
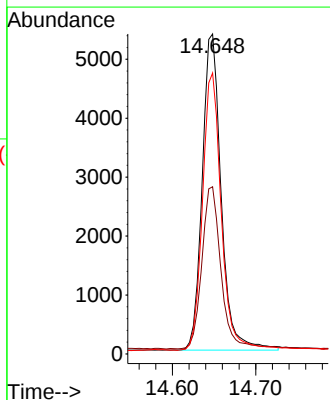
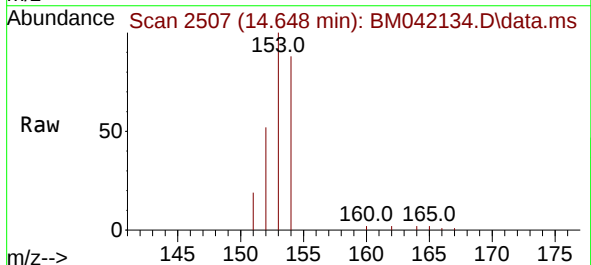
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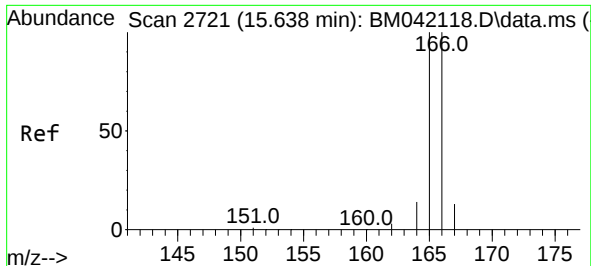
Tgt Ion:152 Resp: 11759
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.001 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

Tgt Ion:153 Resp: 8496
Ion Ratio Lower Upper
153 100
152 52.2 41.8 62.8
154 87.8 69.0 103.6

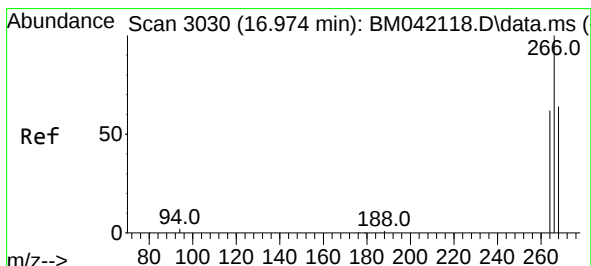
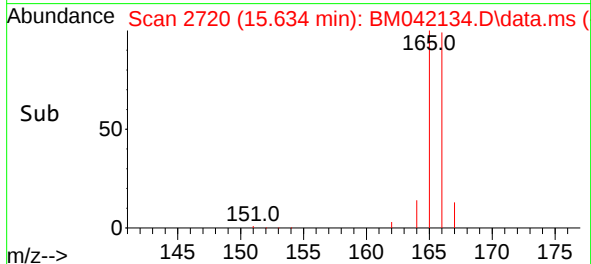
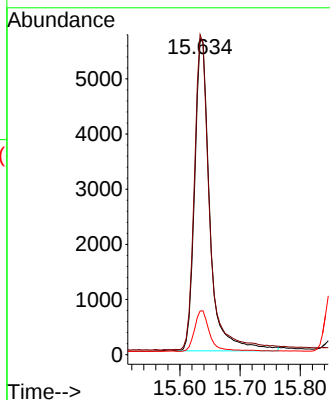
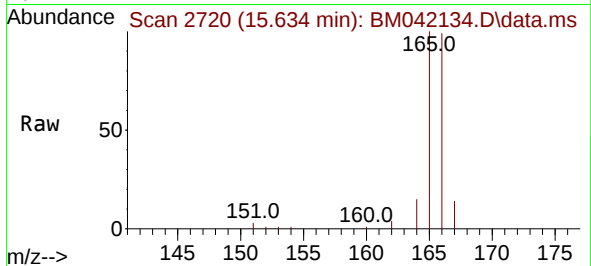




#12
 Fluorene
 Concen: 0.409 ng/ul
 RT: 15.634 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM042134.D
 Acq: 29 Sep 2023 02:52

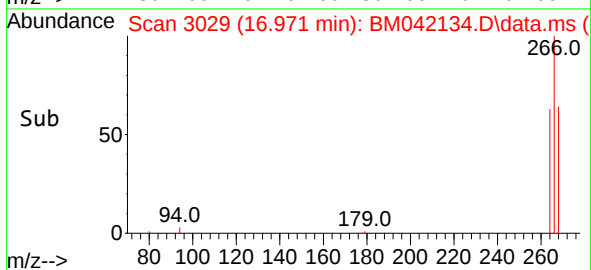
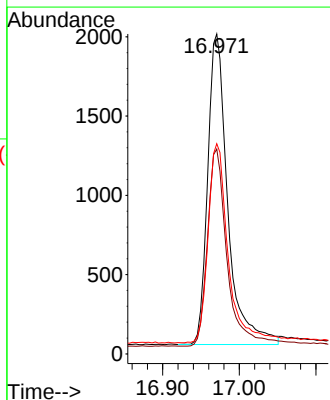
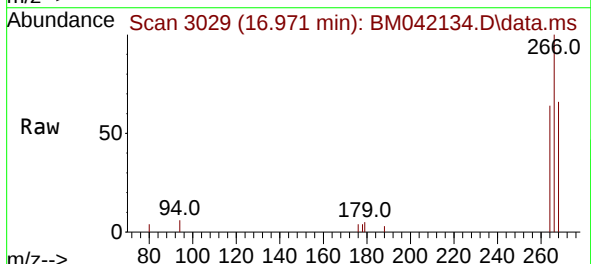
Instrument :
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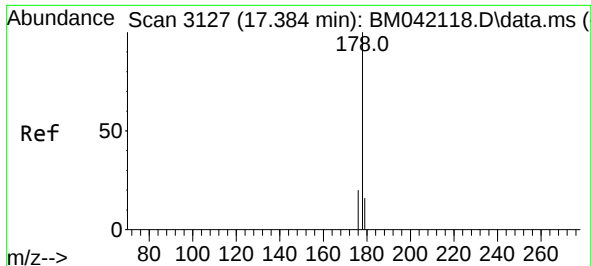
Tgt Ion:166 Resp: 9888
 Ion Ratio Lower Upper
 166 100
 165 101.2 79.8 119.8
 167 13.8 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.721 ng/ul
 RT: 16.971 min Scan# 3029
 Delta R.T. -0.004 min
 Lab File: BM042134.D
 Acq: 29 Sep 2023 02:52

Tgt Ion:266 Resp: 3572
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.2 75.4
 268 64.8 51.0 76.4

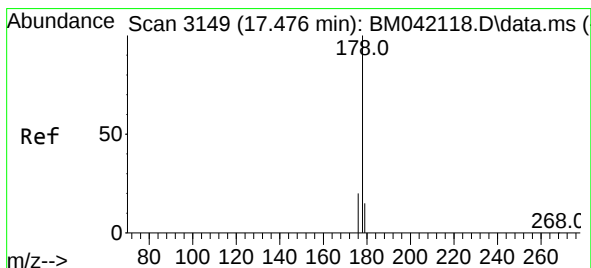
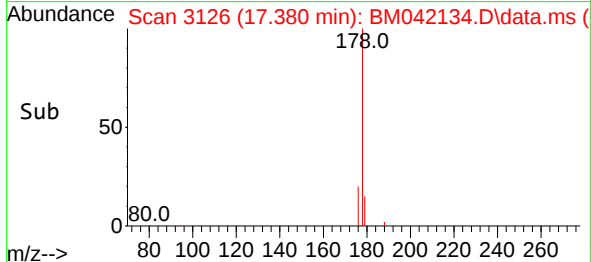
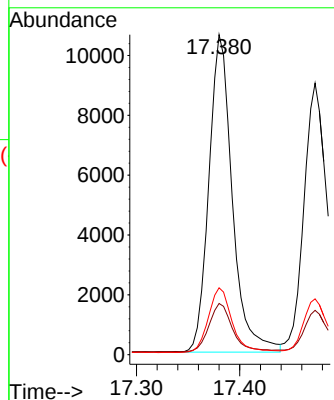
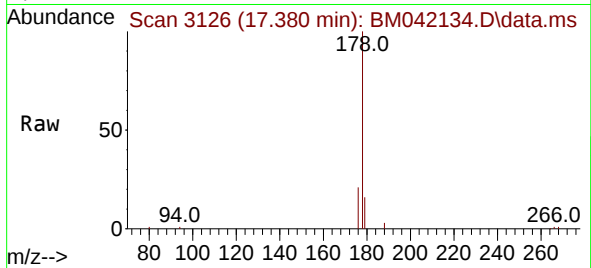




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.380 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

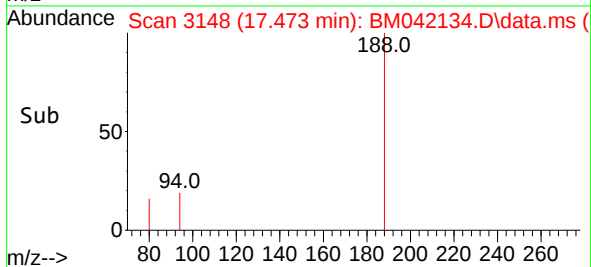
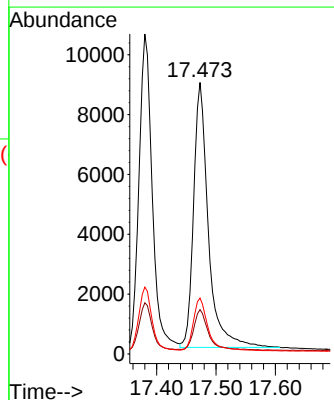
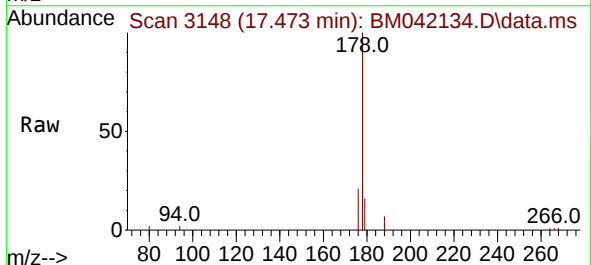
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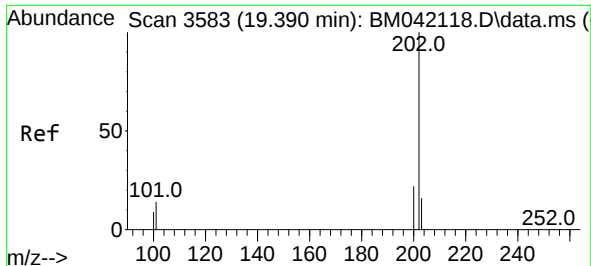
Tgt Ion:178 Resp: 16729
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 20.9 16.6 24.8



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

Tgt Ion:178 Resp: 15270
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.6 16.2 24.2

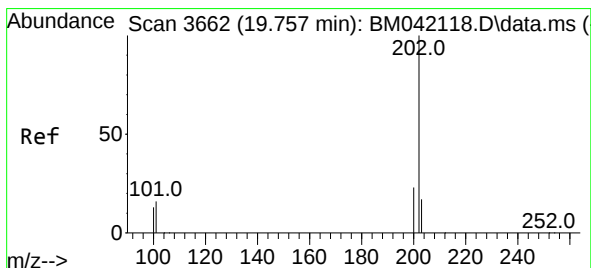
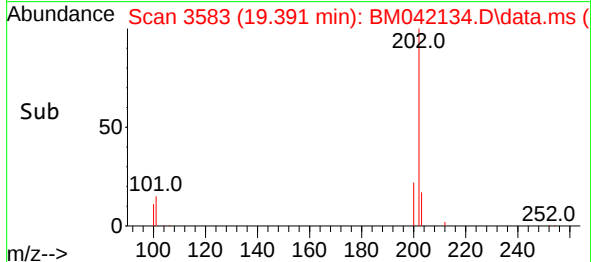
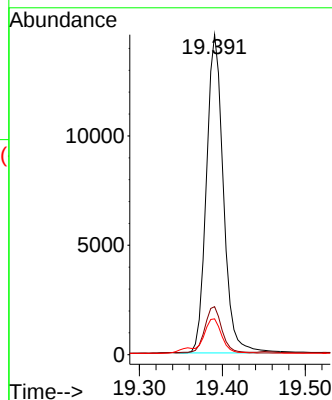
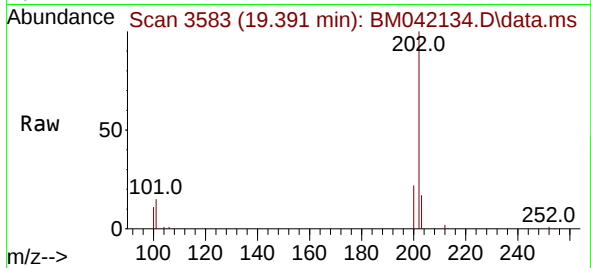




#19
Fluoranthene
Concen: 0.302 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. 0.001 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

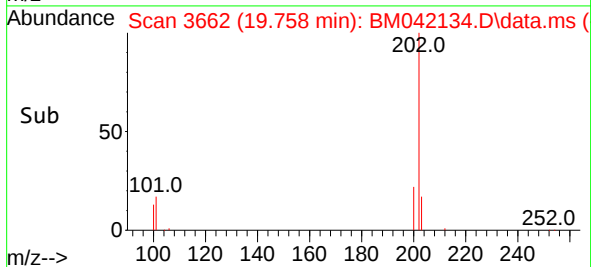
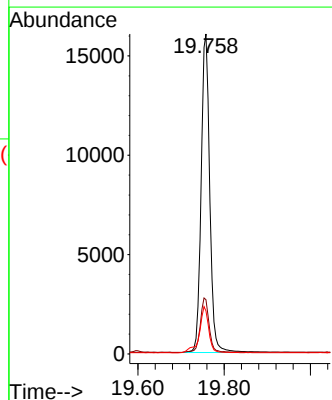
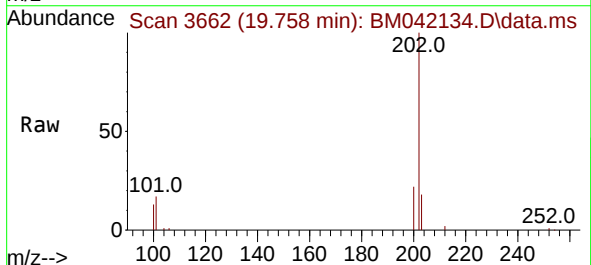
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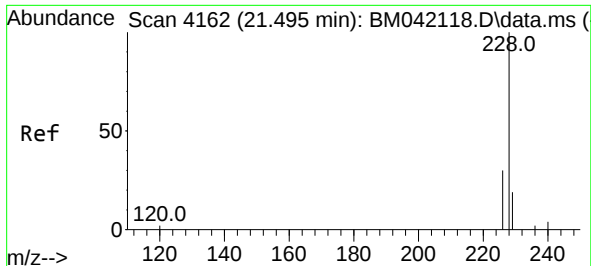
Tgt Ion:202 Resp: 20674
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 11.2 9.1 13.7



#20
Pyrene
Concen: 0.331 ng/u1
RT: 19.758 min Scan# 3662
Delta R.T. 0.001 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

Tgt Ion:202 Resp: 22261
Ion Ratio Lower Upper
202 100
101 17.0 14.1 21.1
100 13.4 11.4 17.0

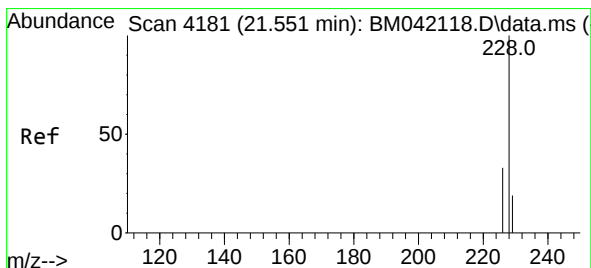
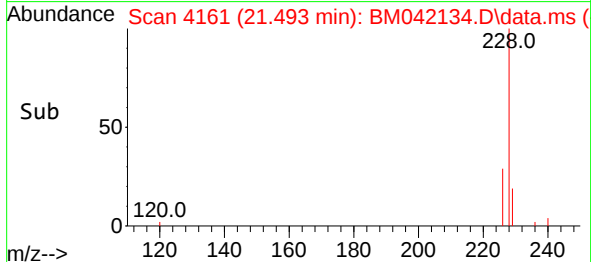
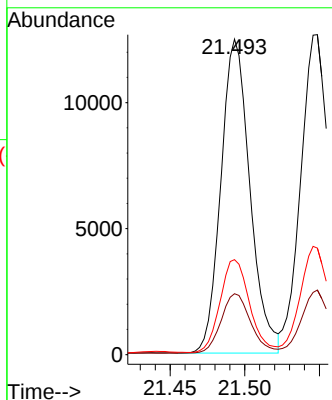
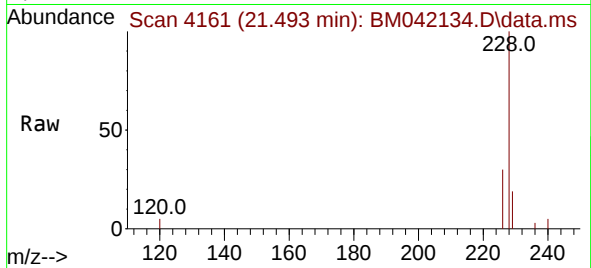




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.493 min Scan# 4162
Delta R.T. -0.002 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

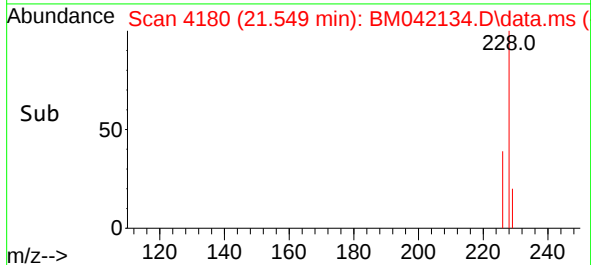
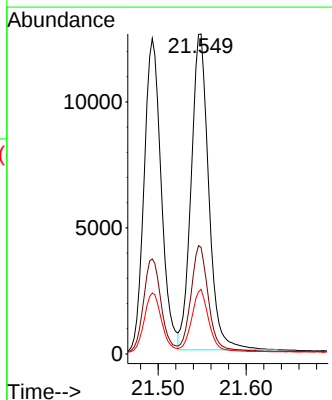
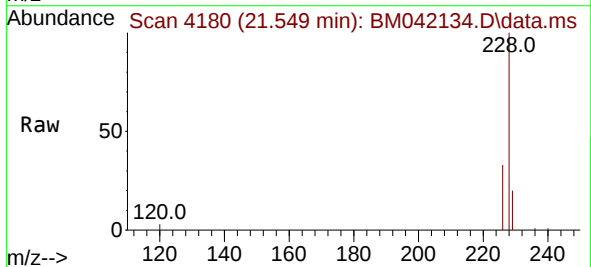
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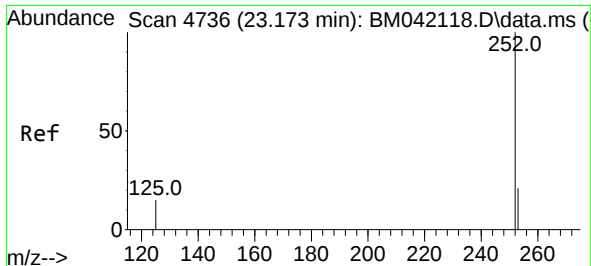
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Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 30.1 24.8 37.2



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.002 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

Tgt Ion:228 Resp: 17407
Ion Ratio Lower Upper
228 100
226 33.3 27.8 41.6
229 20.2 15.6 23.4

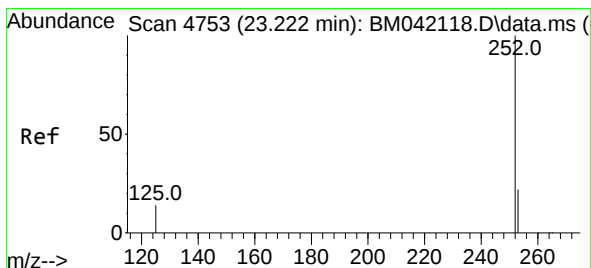
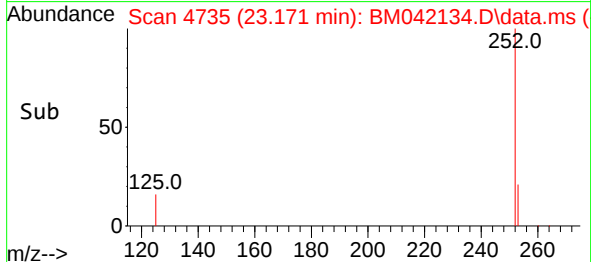
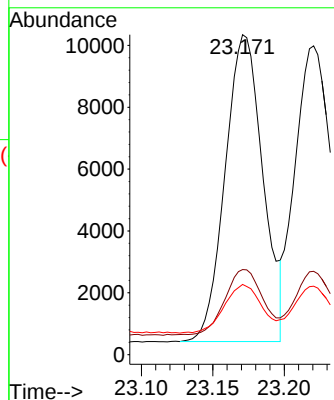
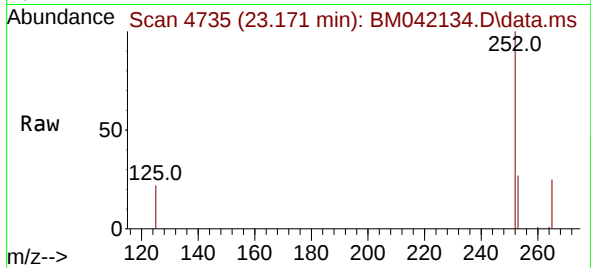




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.171 min Scan# 4735
Delta R.T. -0.002 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

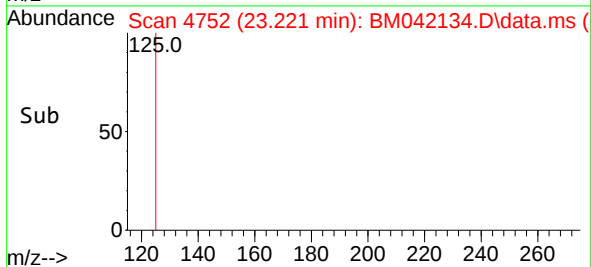
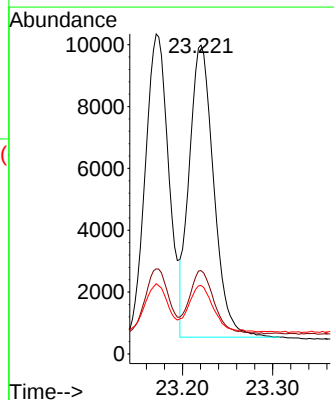
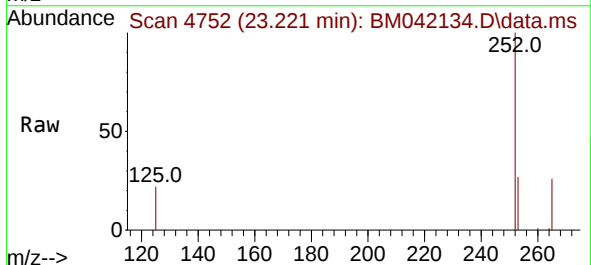
Instrument :
BNA_M
ClientSampleId :
SLCS821

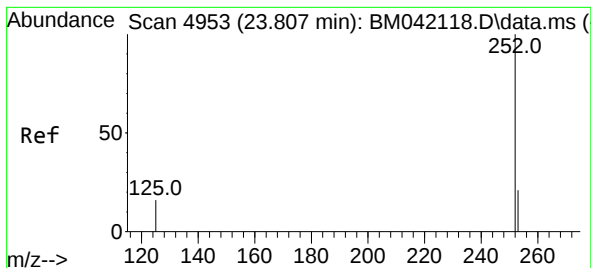
Tgt Ion:252 Resp: 18246
Ion Ratio Lower Upper
252 100
253 26.6 0.0 54.4
125 22.0 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.221 min Scan# 4752
Delta R.T. -0.002 min
Lab File: BM042134.D
Acq: 29 Sep 2023 02:52

Tgt Ion:252 Resp: 17814
Ion Ratio Lower Upper
252 100
253 27.0 21.0 31.6
125 22.2 19.0 28.6





#26

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.805 min Scan# 4953

Delta R.T. -0.002 min

Lab File: BM042134.D

Acq: 29 Sep 2023 02:52

Instrument :

BNA_M

ClientSampleId :

SLCS821

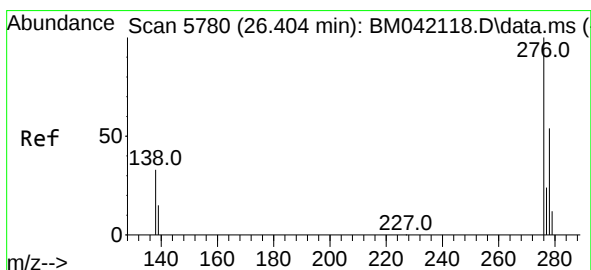
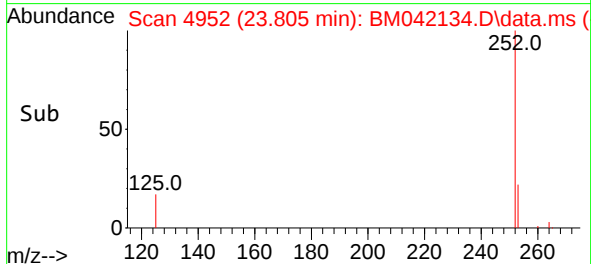
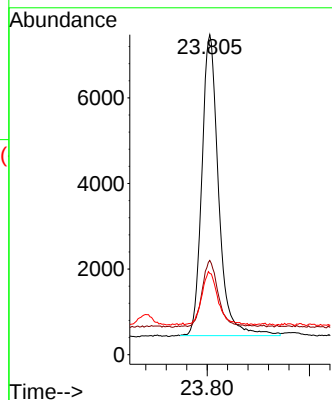
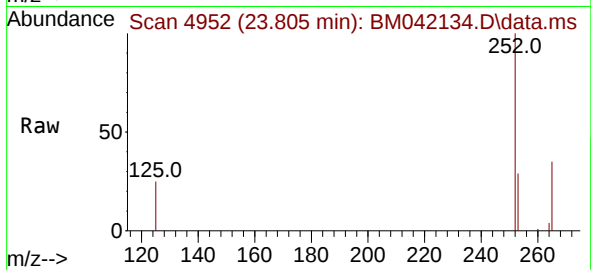
Tgt Ion:252 Resp: 15954

Ion Ratio Lower Upper

252 100

253 29.5 23.2 34.8

125 25.4 22.5 33.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.354 ng/ul

RT: 26.409 min Scan# 5781

Delta R.T. 0.005 min

Lab File: BM042134.D

Acq: 29 Sep 2023 02:52

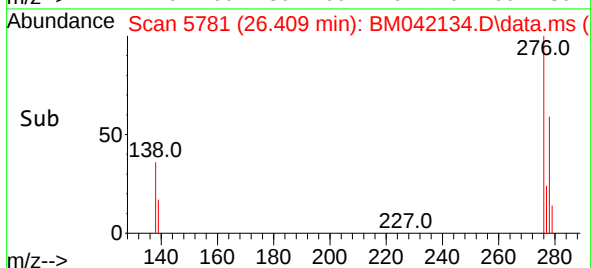
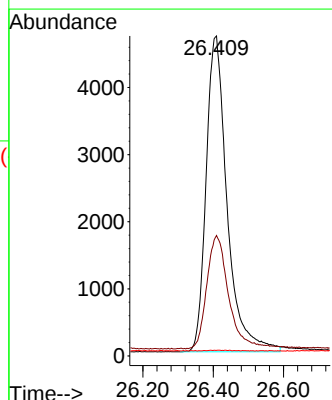
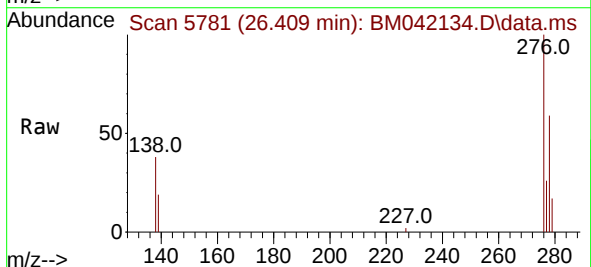
Tgt Ion:276 Resp: 19535

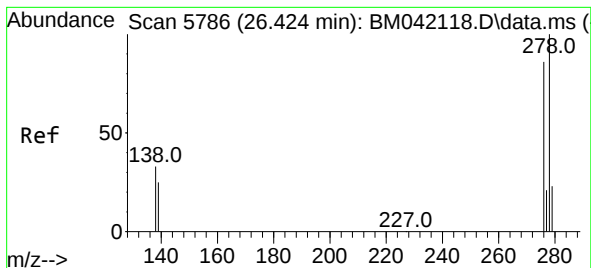
Ion Ratio Lower Upper

276 100

138 37.6 32.1 48.1

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.364 ng/ul

RT: 26.429 min Scan# 5

Delta R.T. 0.005 min

Lab File: BM042134.D

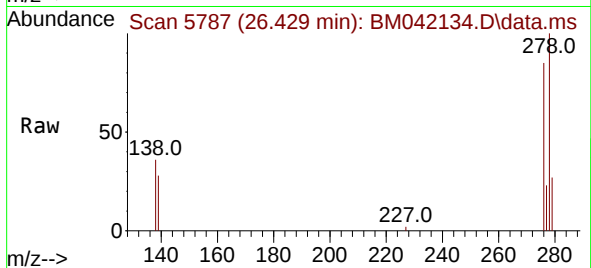
Acq: 29 Sep 2023 02:52

Instrument :

BNA_M

ClientSampleId :

SLCS821



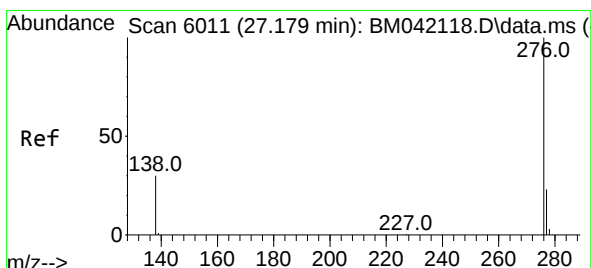
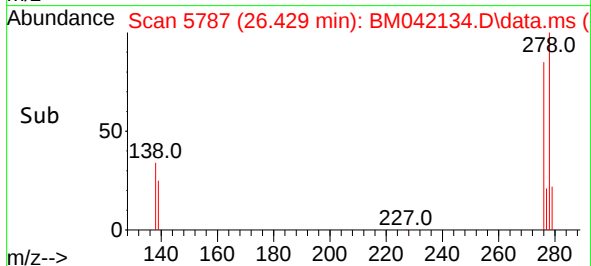
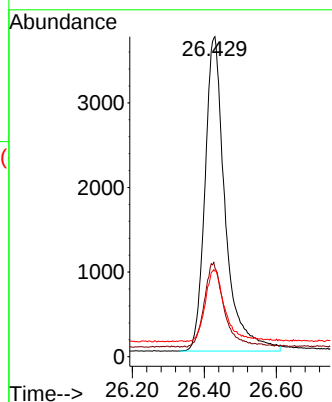
Tgt Ion:278 Resp: 14492

Ion Ratio Lower Upper

278 100

139 27.8 25.0 37.6

279 26.8 21.7 32.5



#29

Benzo(g,h,i)perylene

Concen: 0.356 ng/ul

RT: 27.174 min Scan# 6009

Delta R.T. -0.005 min

Lab File: BM042134.D

Acq: 29 Sep 2023 02:52

Tgt Ion:276 Resp: 16509

Ion Ratio Lower Upper

276 100

138 33.9 29.0 43.4

277 24.9 19.6 29.4

