

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041542.D
 Acq On : 29 Aug 2023 03:38
 Operator : MA/JU
 Sample : PB155079BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS079

Quant Time: Aug 29 04:47:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

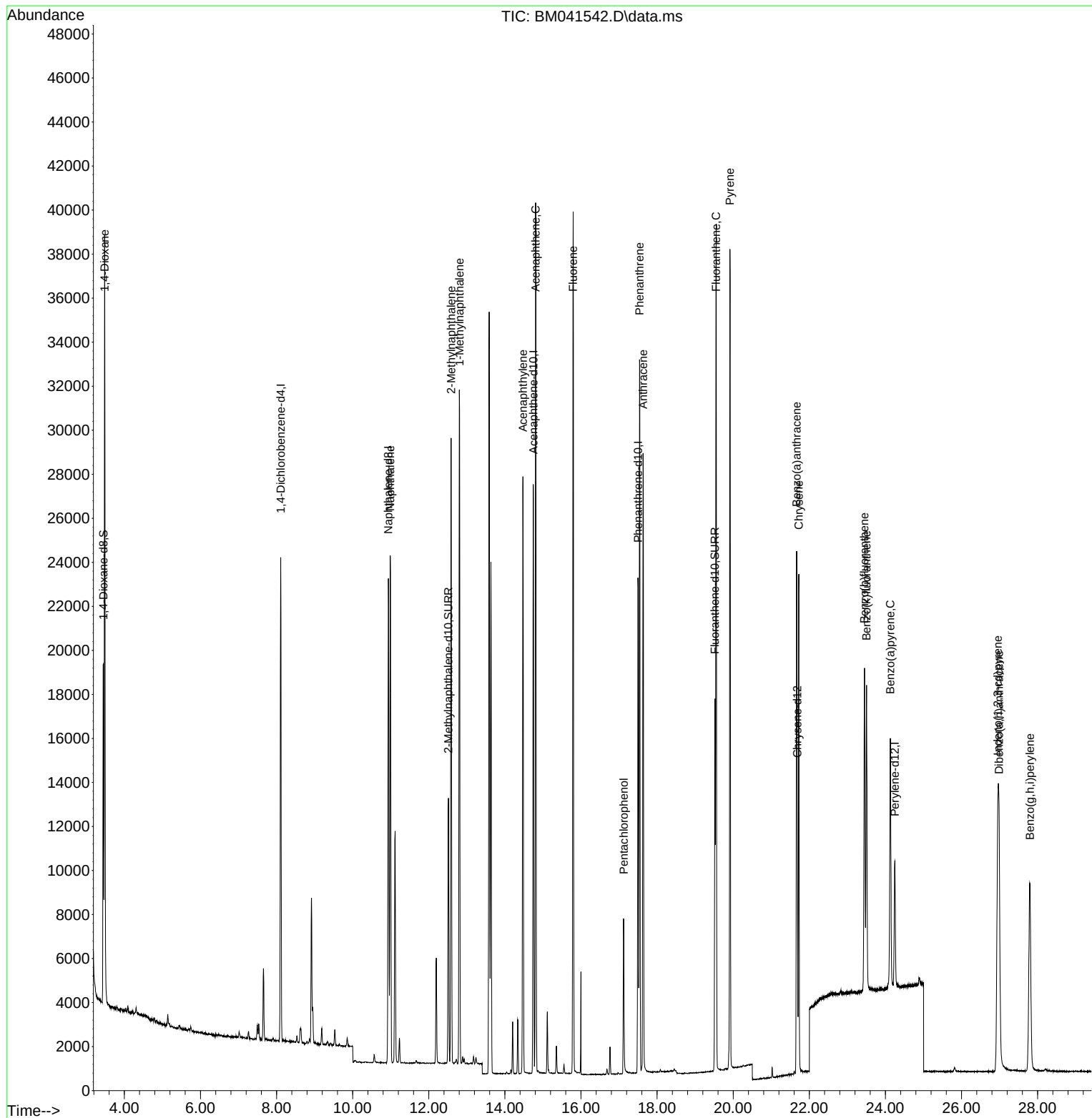
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10780	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	28309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	13178	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	23046	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	6921	0.400	ng/ul	# 0.00
23) Perylene-d12	24.246	264	8145	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	9347	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	14333	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	13982	0.494	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	22169	1.596	ng/ul#	87
5) Naphthalene	10.988	128	31000	0.342	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	19219	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	20361	0.367	ng/ul	99
10) Acenaphthylene	14.476	152	30472	0.350	ng/ul	100
11) Acenaphthene	14.809	153	21594	0.353	ng/ul	99
12) Fluorene	15.795	166	23479	0.356	ng/ul	100
14) Pentachlorophenol	17.122	266	4732	0.499	ng/ul	100
15) Phenanthrene	17.540	178	33881	0.358	ng/ul	100
16) Anthracene	17.633	178	30203	0.348	ng/ul	99
19) Fluoranthene	19.552	202	30862	0.481	ng/ul	99
20) Pyrene	19.915	202	30290	0.467	ng/ul#	94
21) Benzo(a)anthracene	21.667	228	19232	0.390	ng/ul	100
22) Chrysene	21.723	228	19375	0.397	ng/ul	99
24) Benzo(b)fluoranthene	23.450	252	19896	0.384	ng/ul	96
25) Benzo(k)fluoranthene	23.503	252	19193	0.379	ng/ul	96
26) Benzo(a)pyrene	24.129	252	17623	0.377	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.954	276	23911	0.380	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.988	278	16685	0.369	ng/ul	97
29) Benzo(g,h,i)perylene	27.796	276	19968	0.379	ng/ul	97

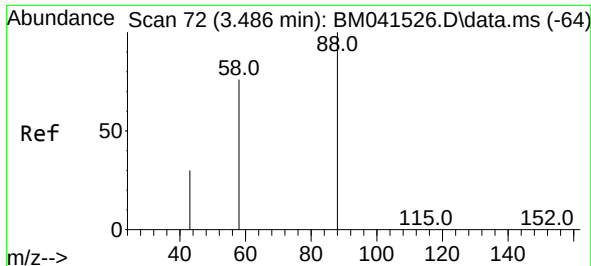
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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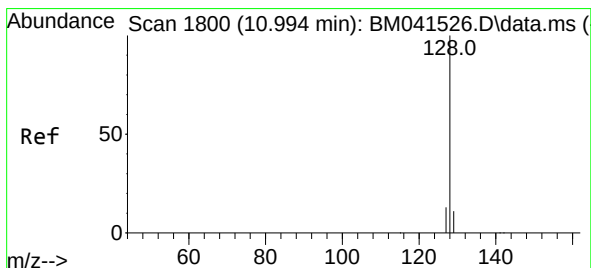
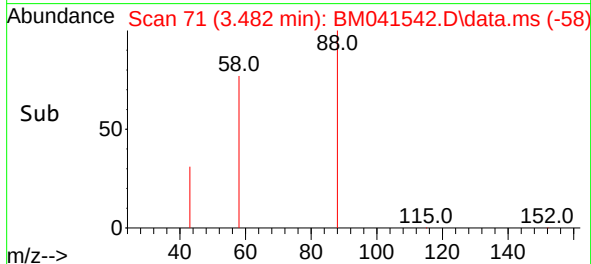
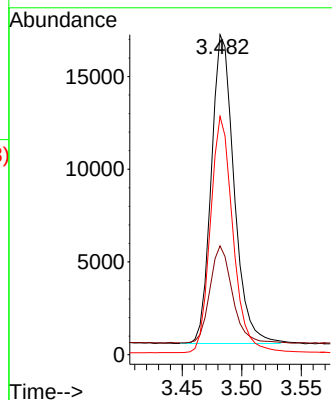
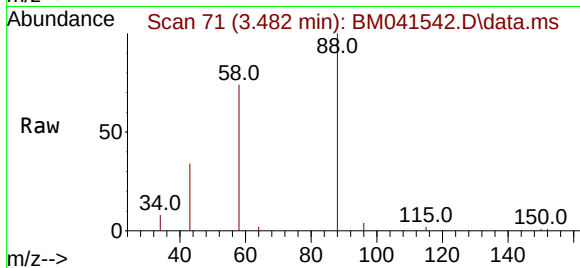




#2
1,4-Dioxane
Concen: 1.596 ng/ul
RT: 3.482 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

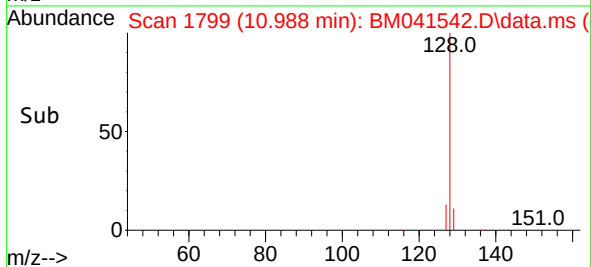
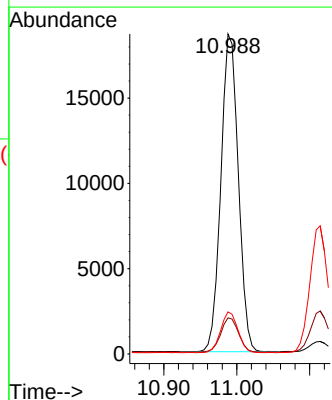
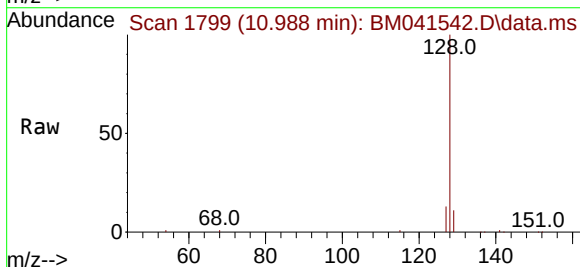
Instrument :
BNA_M
ClientSampleId :
SLCS079

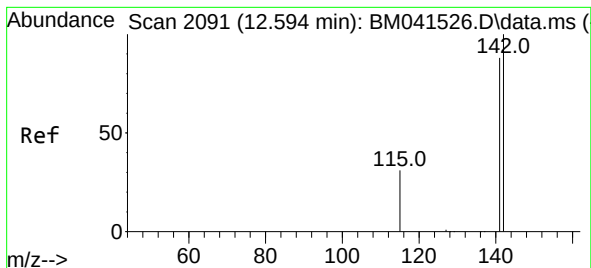
Tgt Ion: 88 Resp: 22169
Ion Ratio Lower Upper
88 100
43 34.0 30.6 46.0
58 74.4 49.3 73.9#



#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:128 Resp: 31000
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.6 15.8

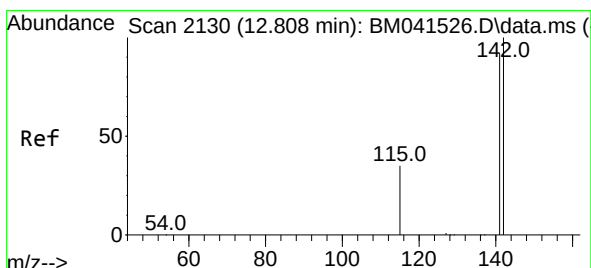
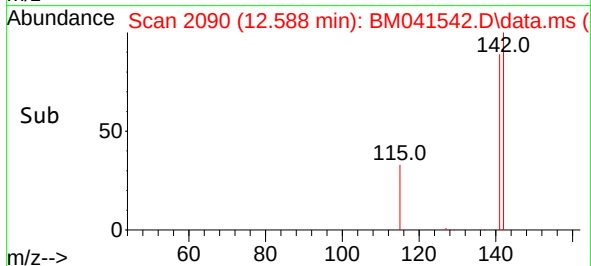
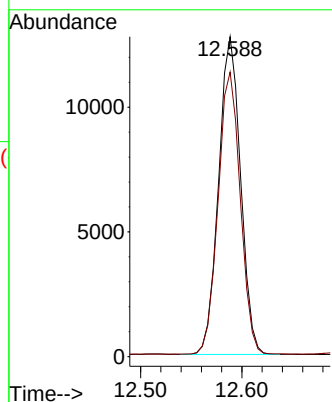
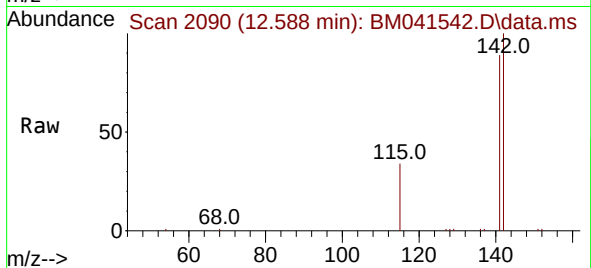




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

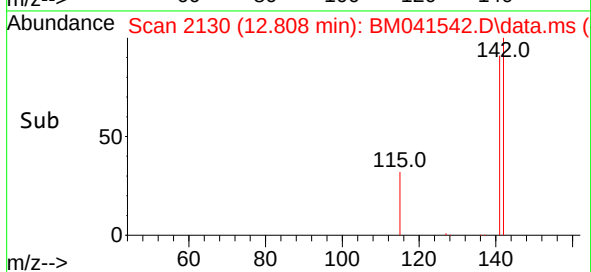
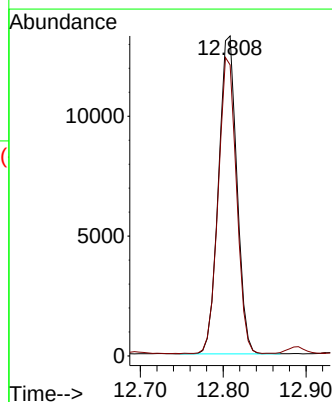
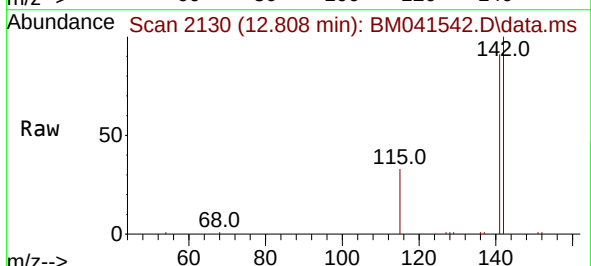
Instrument :
BNA_M
ClientSampleId :
SLCS079

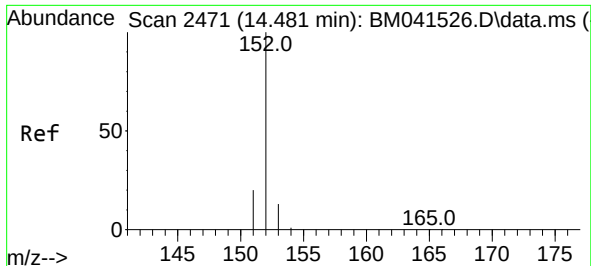
Tgt Ion:142 Resp: 19219
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:142 Resp: 20361
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9

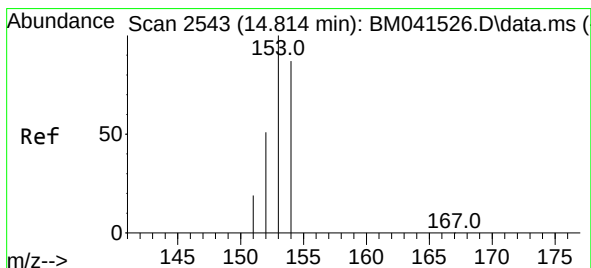
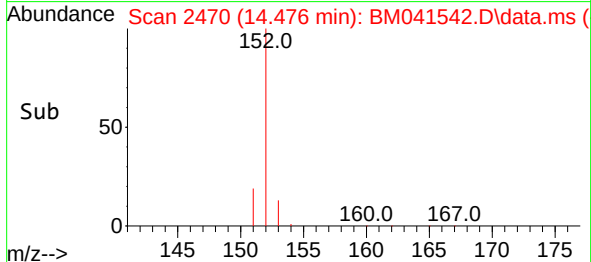
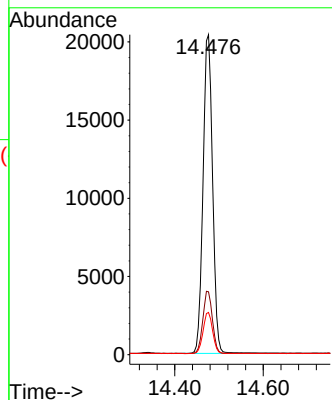
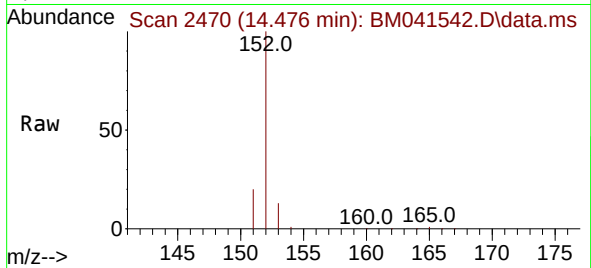




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.476 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

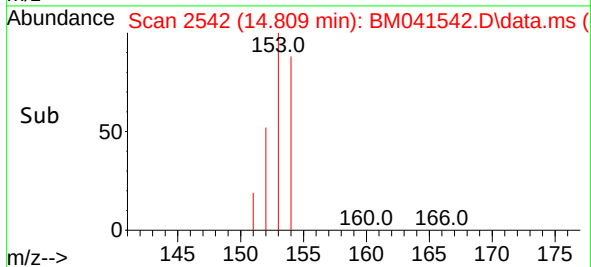
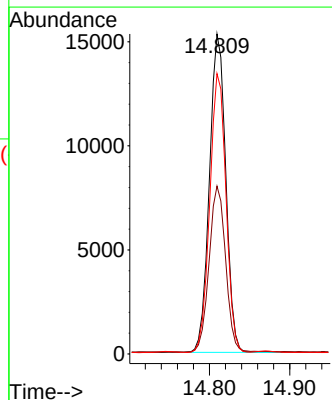
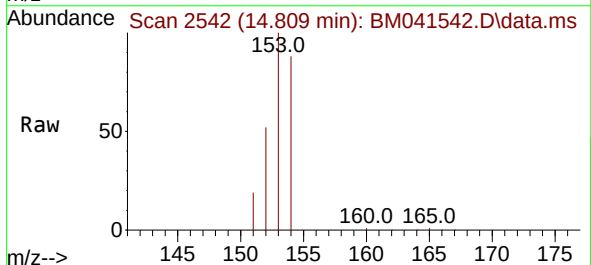
Instrument :
BNA_M
ClientSampleId :
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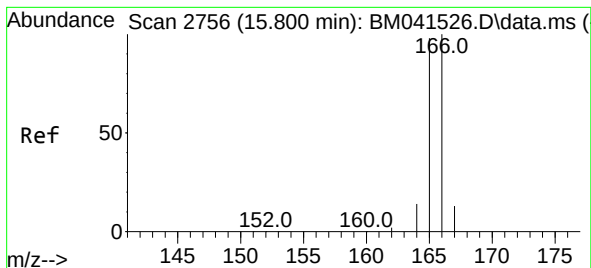
Tgt Ion:152 Resp: 30472
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.809 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:153 Resp: 21594
Ion Ratio Lower Upper
153 100
152 52.5 41.1 61.7
154 87.6 69.4 104.0





#12

Fluorene

Concen: 0.356 ng/ul

RT: 15.795 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041542.D

Acq: 29 Aug 2023 03:38

Instrument :

BNA_M

ClientSampleId :

SLCS079

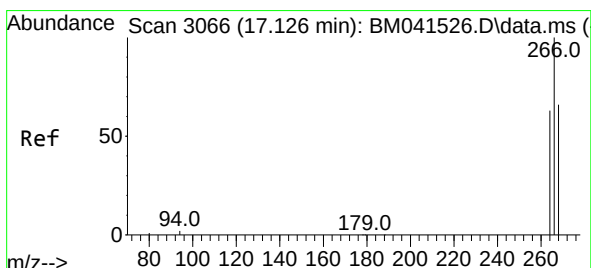
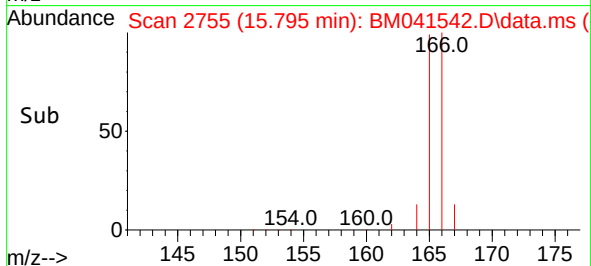
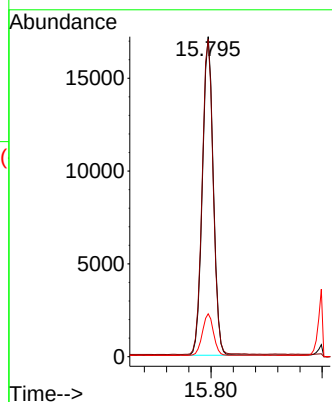
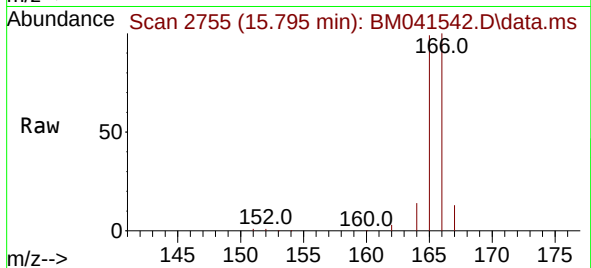
Tgt Ion:166 Resp: 23479

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

167 13.4 10.8 16.2



#14

Pentachlorophenol

Concen: 0.499 ng/ul

RT: 17.122 min Scan# 3065

Delta R.T. -0.004 min

Lab File: BM041542.D

Acq: 29 Aug 2023 03:38

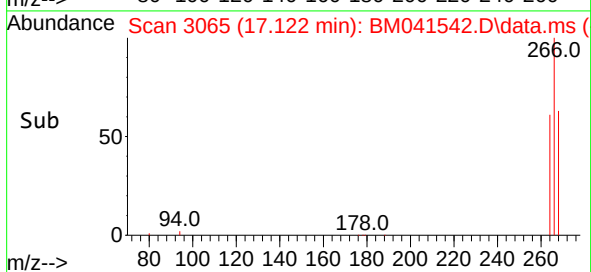
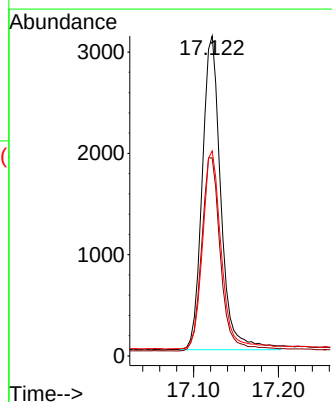
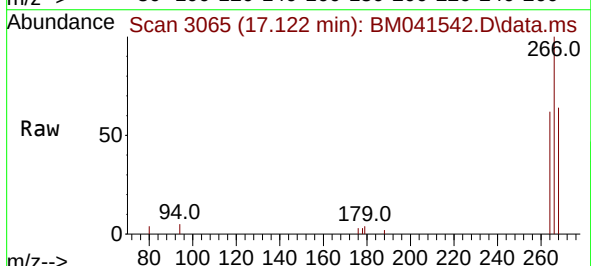
Tgt Ion:266 Resp: 4732

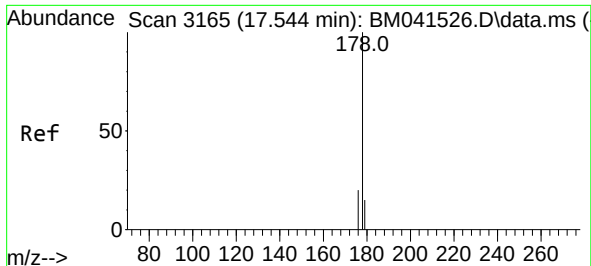
Ion Ratio Lower Upper

266 100

264 62.8 50.0 75.0

268 63.9 51.4 77.0

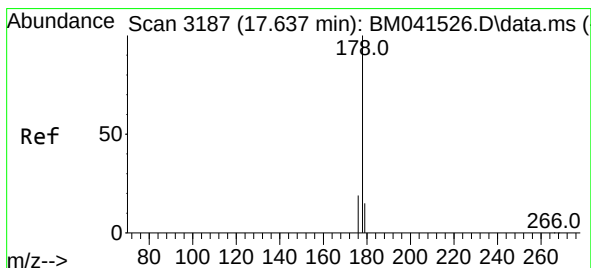
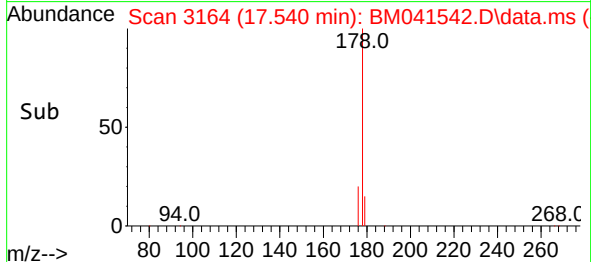
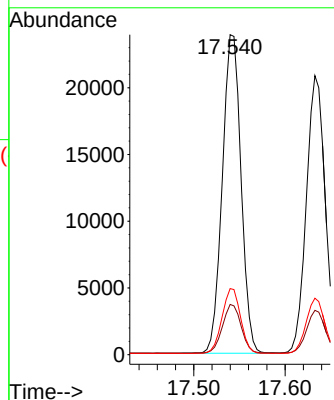
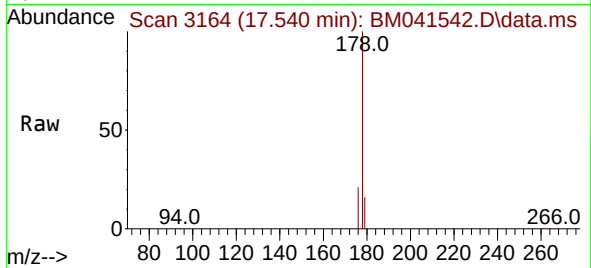




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.540 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

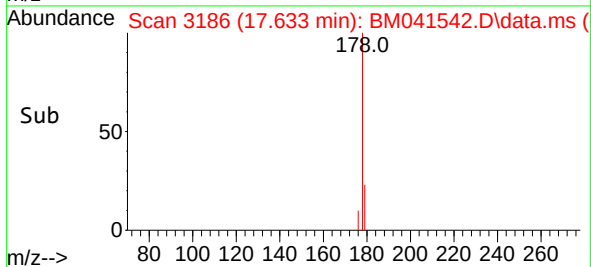
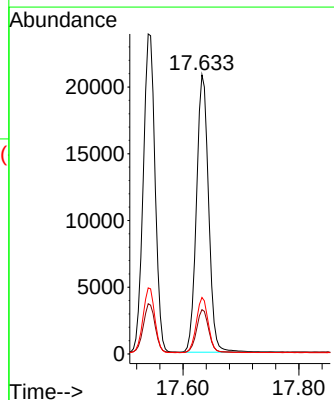
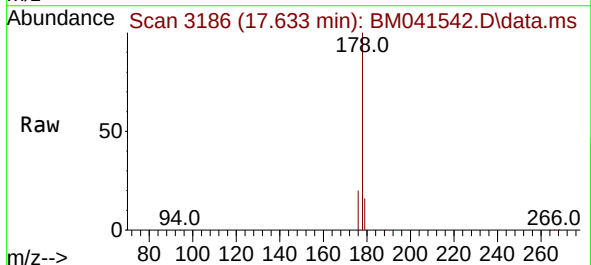
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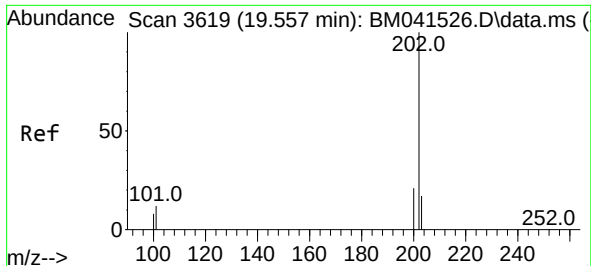
Tgt Ion:178 Resp: 33881
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 20.7 16.3 24.5



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.633 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:178 Resp: 30203
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.2 15.9 23.9

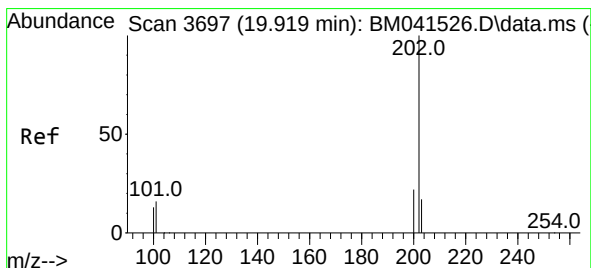
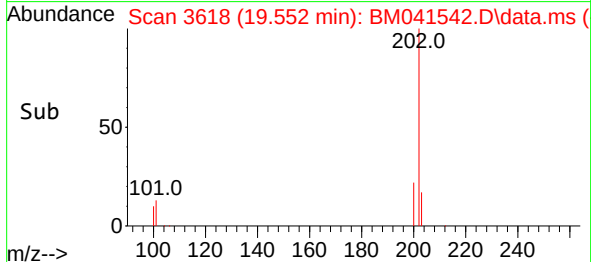
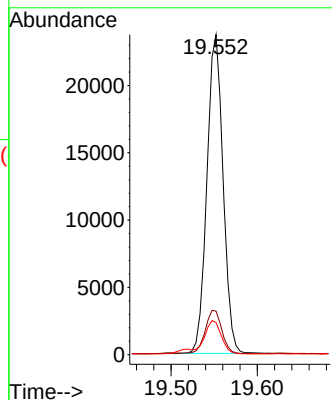
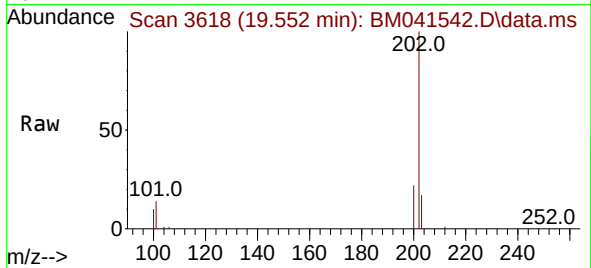




#19
Fluoranthene
Concen: 0.481 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

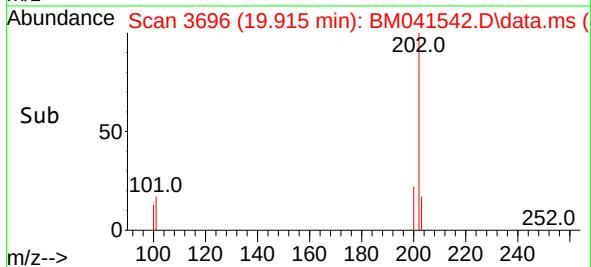
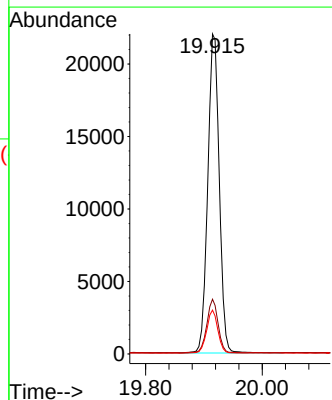
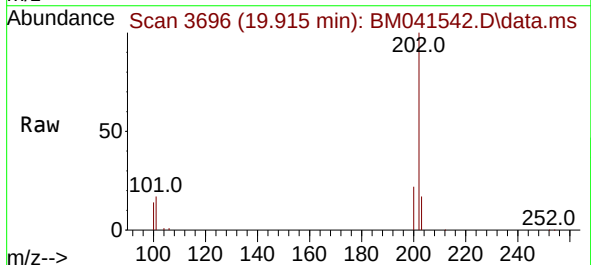
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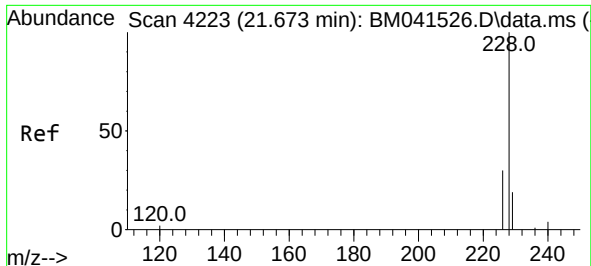
Tgt Ion:202 Resp: 30862
Ion Ratio Lower Upper
202 100
101 13.6 10.5 15.7
100 10.1 7.8 11.6



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.915 min Scan# 3696
Delta R.T. -0.009 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:202 Resp: 30290
Ion Ratio Lower Upper
202 100
101 17.1 11.6 17.4
100 13.7 9.1 13.7#

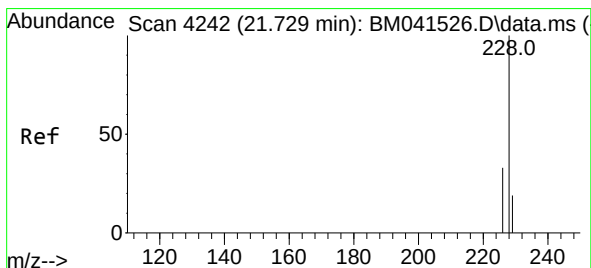
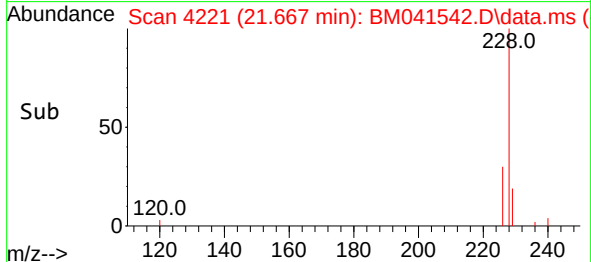
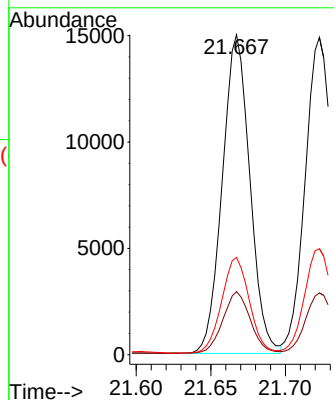
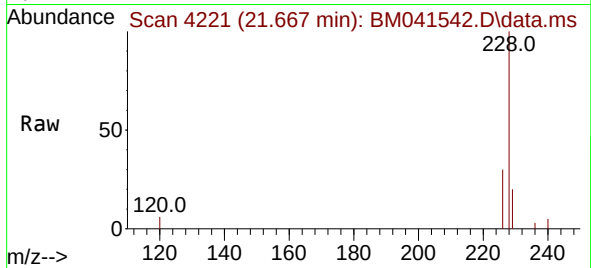




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.667 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

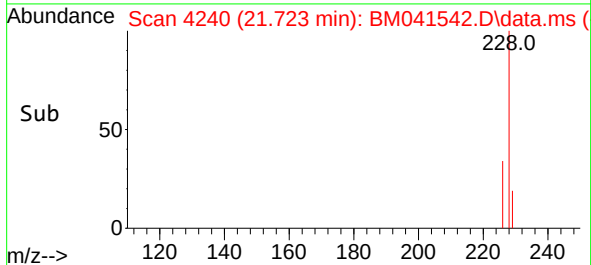
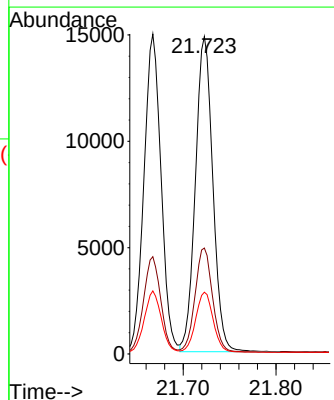
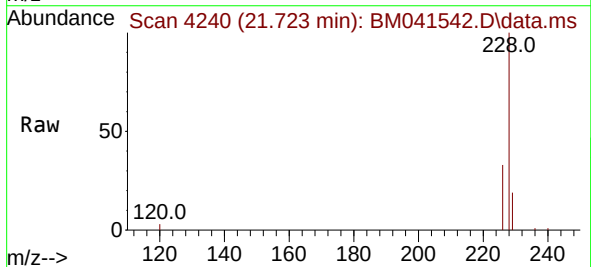
Instrument :
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ClientSampleId :
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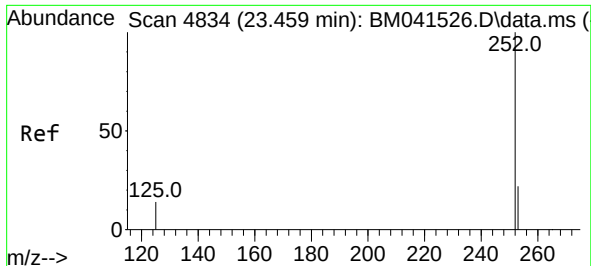
Tgt Ion:228 Resp: 19232
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 30.4 24.0 36.0



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.723 min Scan# 4240
Delta R.T. -0.009 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:228 Resp: 19375
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 19.5 15.4 23.2

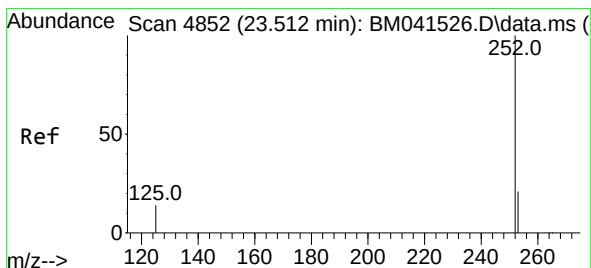
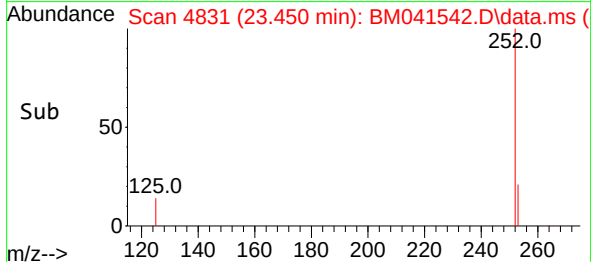
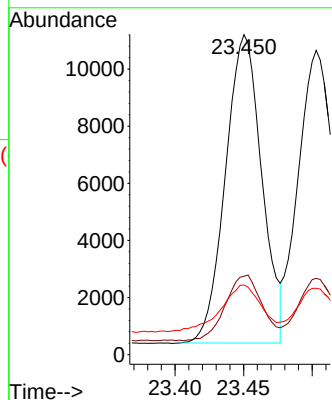
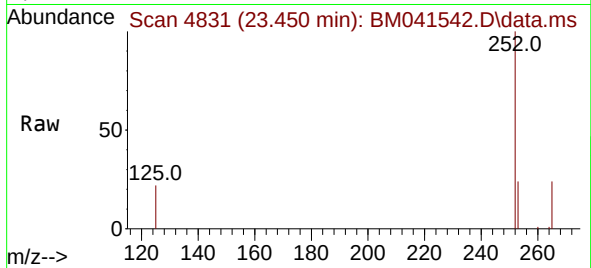




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.450 min Scan# 4831
Delta R.T. -0.012 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

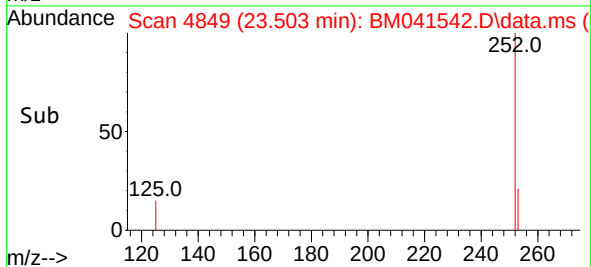
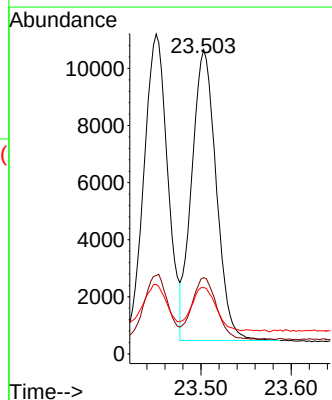
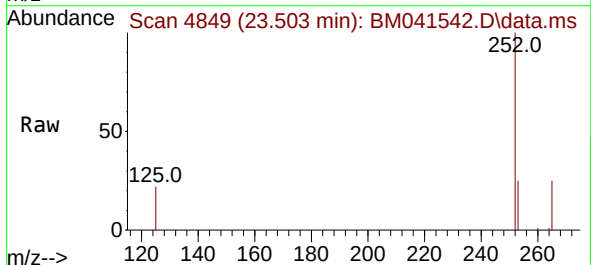
Instrument :
BNA_M
ClientSampleId :
SLCS079

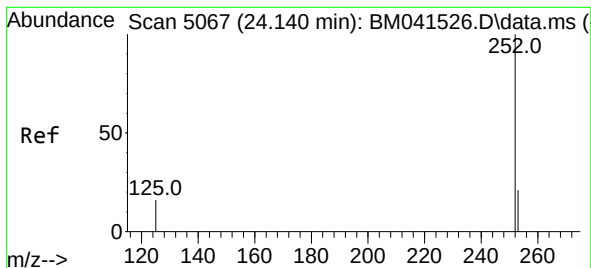
Tgt Ion:252	Resp:	19896
Ion Ratio	Lower	Upper
252	100	
253	24.5	0.0 47.0
125	21.8	0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.503 min Scan# 4849
Delta R.T. -0.015 min
Lab File: BM041542.D
Acq: 29 Aug 2023 03:38

Tgt Ion:252	Resp:	19193
Ion Ratio	Lower	Upper
252	100	
253	25.1	19.3 28.9
125	21.8	15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.377 ng/ul

RT: 24.129 min Scan# 5063

Delta R.T. -0.015 min

Lab File: BM041542.D

Acq: 29 Aug 2023 03:38

Instrument :

BNA_M

ClientSampleId :

SLCS079

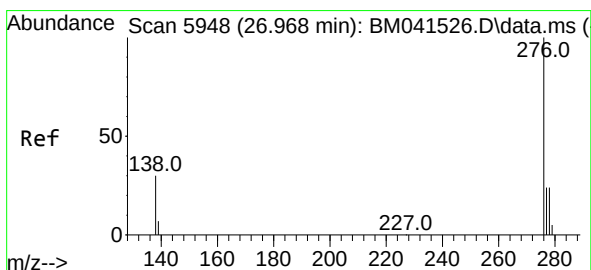
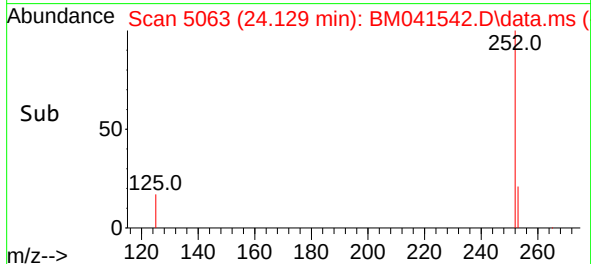
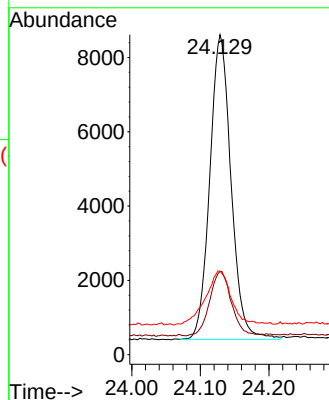
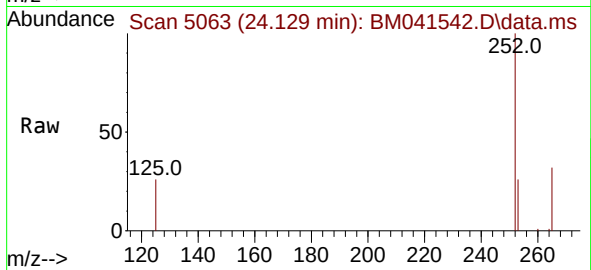
Tgt Ion:252 Resp: 17623

Ion Ratio Lower Upper

252 100

253 26.0 20.0 30.0

125 26.1 17.1 25.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng/ul

RT: 26.954 min Scan# 5944

Delta R.T. -0.017 min

Lab File: BM041542.D

Acq: 29 Aug 2023 03:38

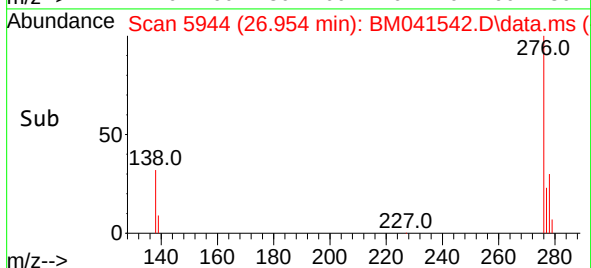
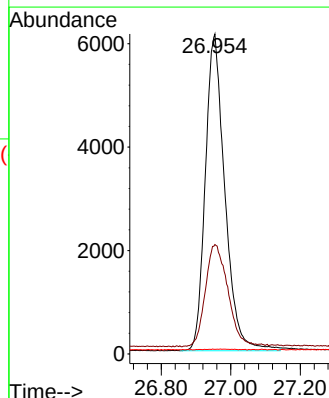
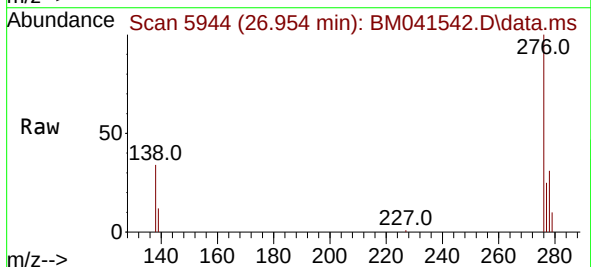
Tgt Ion:276 Resp: 23911

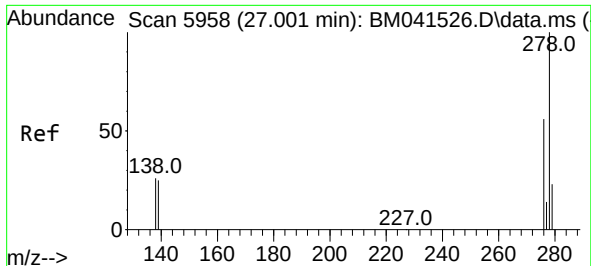
Ion Ratio Lower Upper

276 100

138 37.6 27.3 40.9

227 0.1 0.0 0.0#

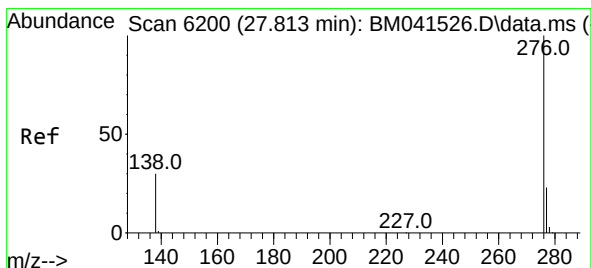
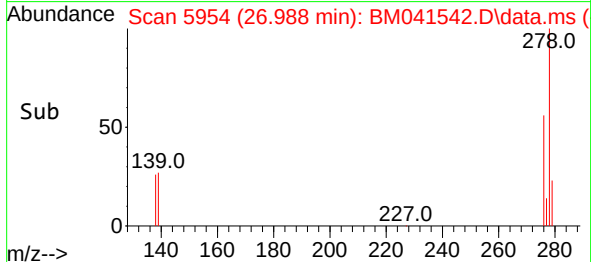
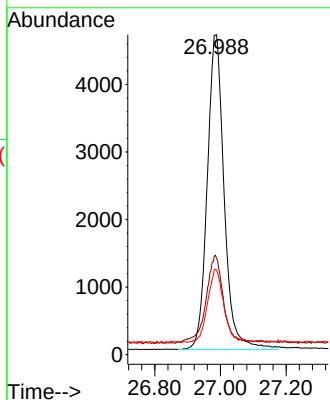
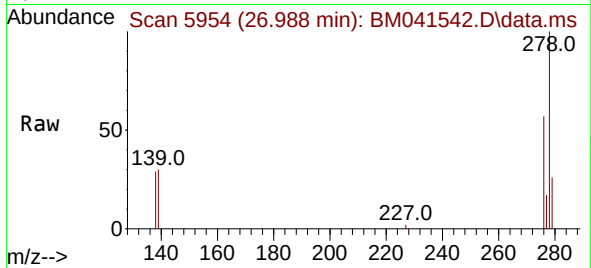




#28
 Dibenzo(a,h)anthracene
 Concen: 0.369 ng/ul
 RT: 26.988 min Scan# 5954
 Delta R.T. -0.020 min
 Lab File: BM041542.D
 Acq: 29 Aug 2023 03:38

Instrument :
 BNA_M
 ClientSampleId :
 SLCS079

Tgt Ion: 278 Resp: 16685
 Ion Ratio Lower Upper
 278 100
 139 30.2 22.2 33.2
 279 26.4 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.379 ng/ul
 RT: 27.796 min Scan# 6195
 Delta R.T. -0.020 min
 Lab File: BM041542.D
 Acq: 29 Aug 2023 03:38

Tgt Ion: 276 Resp: 19968
 Ion Ratio Lower Upper
 276 100
 138 34.1 25.9 38.9
 277 25.1 19.1 28.7

