

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041790.D
 Acq On : 11 Sep 2023 22:02
 Operator : MA/JU
 Sample : PB155326BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS326

Quant Time: Sep 12 04:28:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

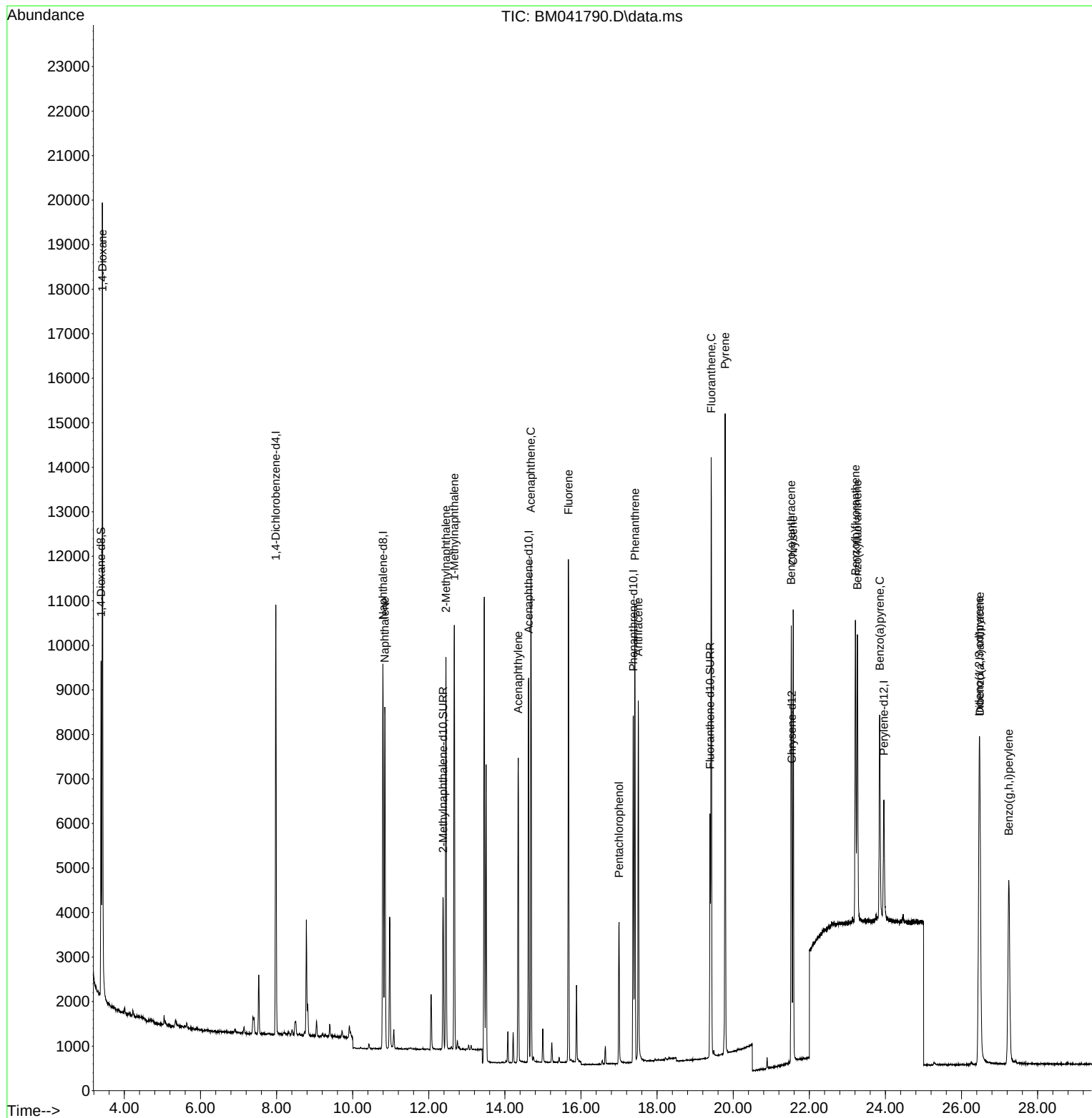
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4760	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.796	136	10873	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	4299	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	8089	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	3345	0.400	ng/ul	0.00
23) Perylene-d12	23.959	264	3606	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	4022	0.553	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.374	152	4209	0.301	ng/ul	-0.01
18) Fluoranthene-d10	19.394	212	4772	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	10285	1.361	ng/ul	90
5) Naphthalene	10.845	128	10505	0.294	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	5935	0.293	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	6299	0.309	ng/ul	99
10) Acenaphthylene	14.351	152	7774	0.293	ng/ul	100
11) Acenaphthene	14.684	153	6289	0.304	ng/ul	99
12) Fluorene	15.670	166	6777	0.293	ng/ul	99
14) Pentachlorophenol	16.999	266	2055	0.635	ng/ul	99
15) Phenanthrene	17.417	178	10473	0.307	ng/ul	99
16) Anthracene	17.506	178	8865	0.303	ng/ul	98
19) Fluoranthene	19.422	202	10891	0.276	ng/ul	97
20) Pyrene	19.789	202	11121	0.284	ng/ul	96
21) Benzo(a)anthracene	21.524	228	7712	0.283	ng/ul	99
22) Chrysene	21.577	228	8358	0.284	ng/ul	100
24) Benzo(b)fluoranthene	23.213	252	8759	0.271	ng/ul	94
25) Benzo(k)fluoranthene	23.263	252	8503	0.269	ng/ul#	92
26) Benzo(a)pyrene	23.851	252	7027	0.268	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.465	276	10259	0.285	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.481	278	7345	0.291	ng/ul	98
29) Benzo(g,h,i)perylene	27.243	276	9094	0.285	ng/ul	97

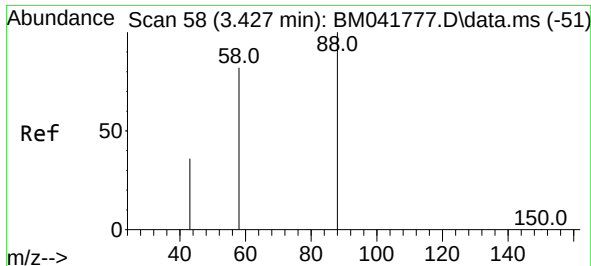
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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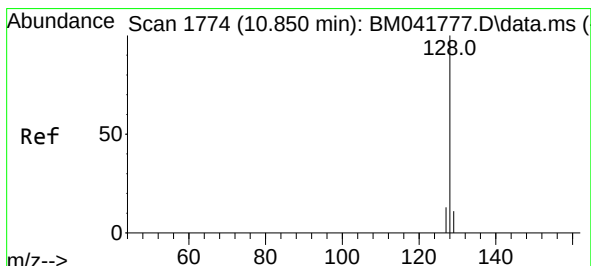
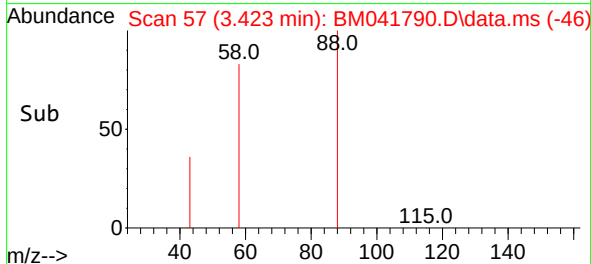
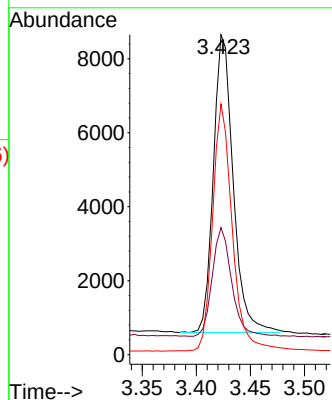
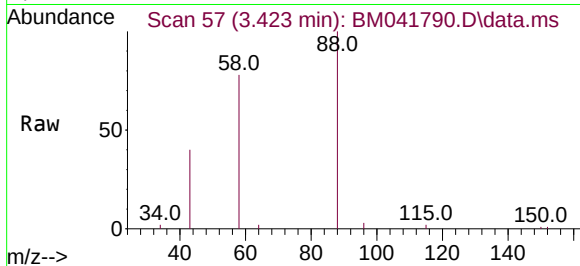




#2
1,4-Dioxane
Concen: 1.361 ng/ul
RT: 3.423 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

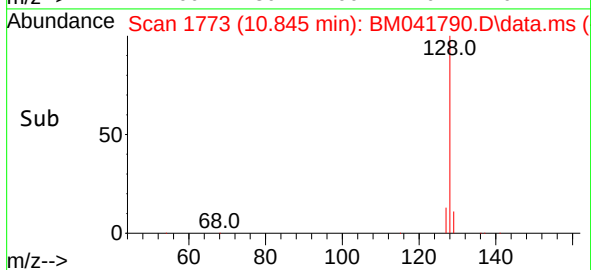
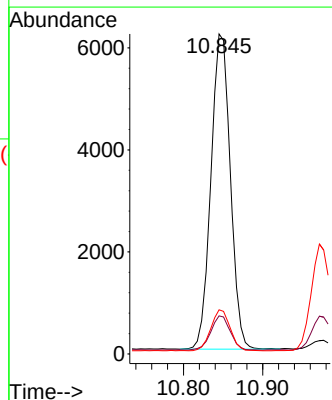
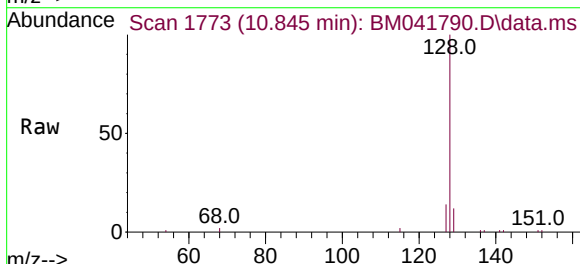
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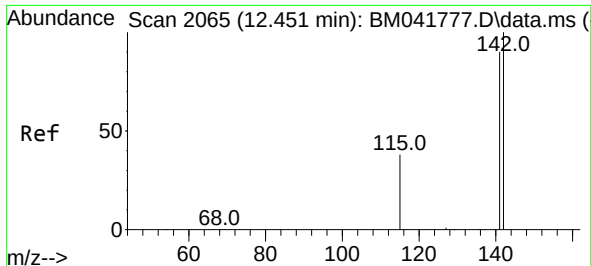
Tgt Ion: 88 Resp: 10285
Ion Ratio Lower Upper
88 100
43 39.7 33.8 50.6
58 78.4 54.2 81.2



#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion: 128 Resp: 10505
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.6

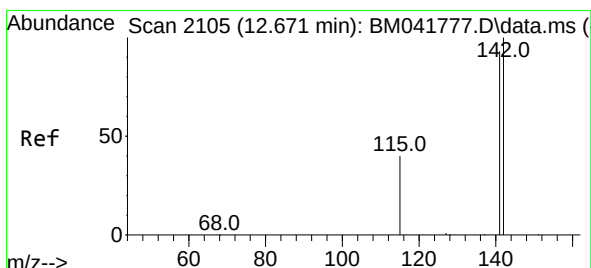
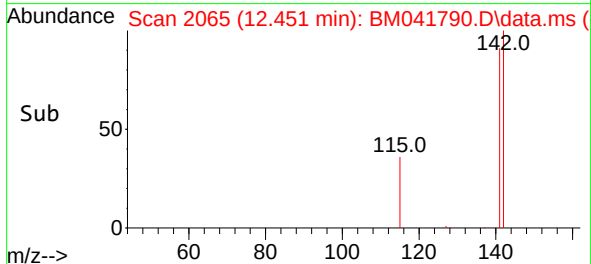
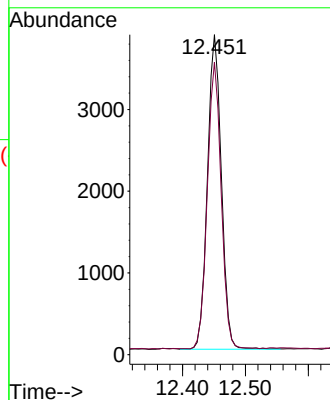
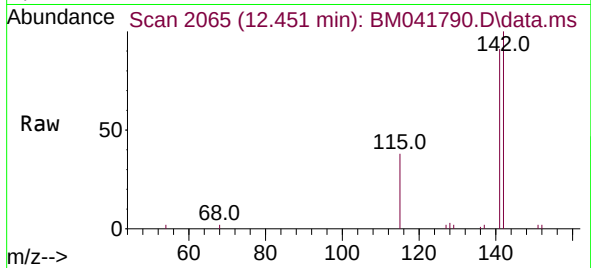




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.011 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

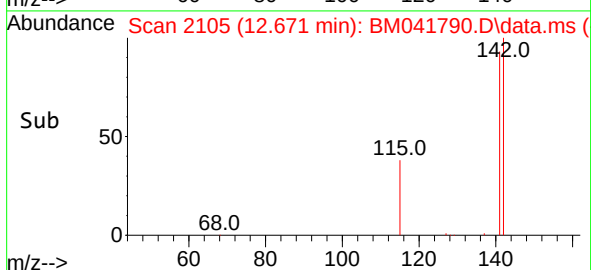
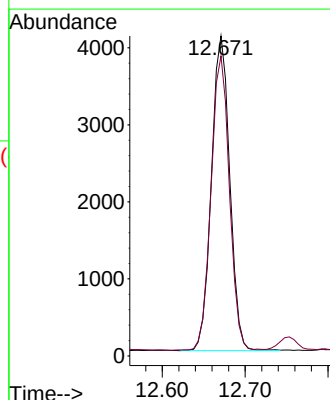
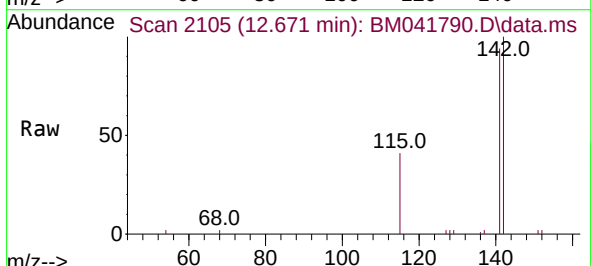
Instrument :
BNA_M
ClientSampleId :
SLCS326

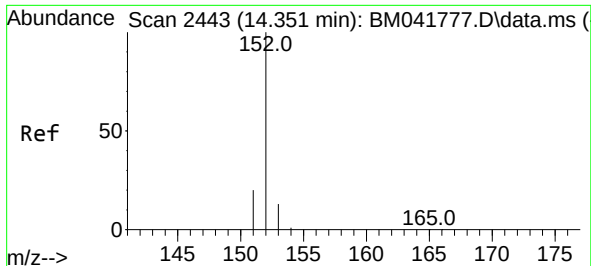
Tgt Ion:142 Resp: 5935
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion:142 Resp: 6299
Ion Ratio Lower Upper
142 100
141 93.6 74.4 111.6

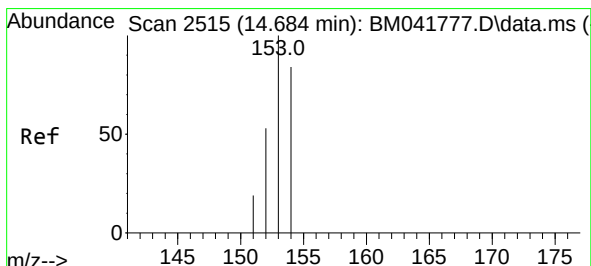
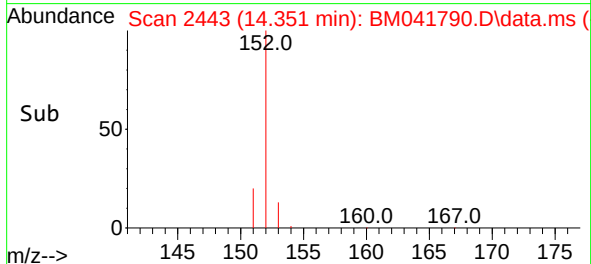
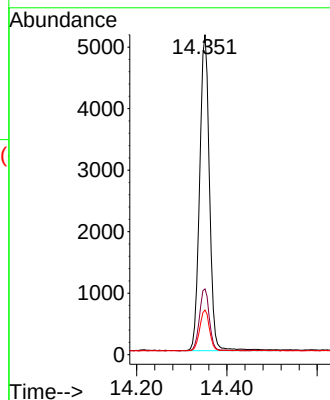
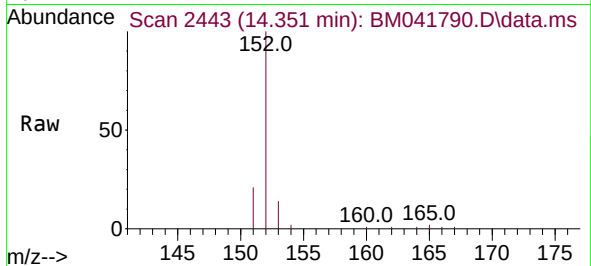




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

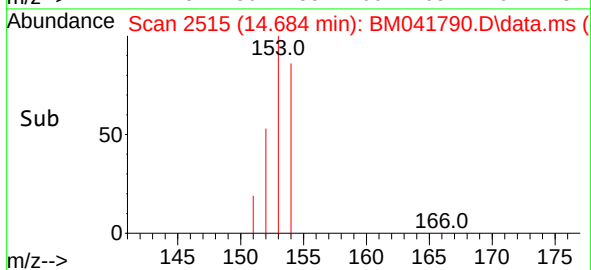
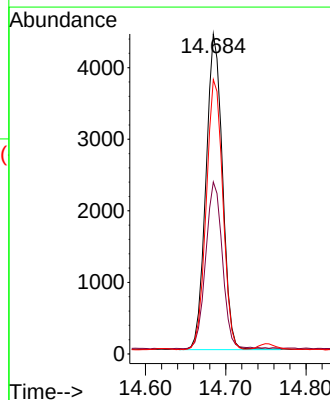
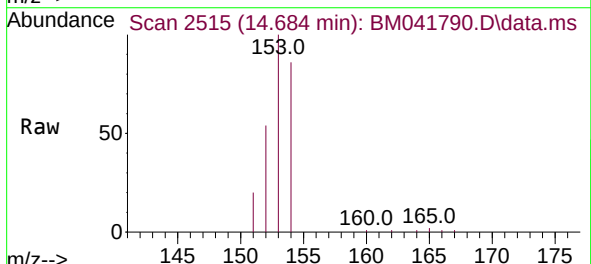
Instrument :
BNA_M
ClientSampleId :
SLCS326

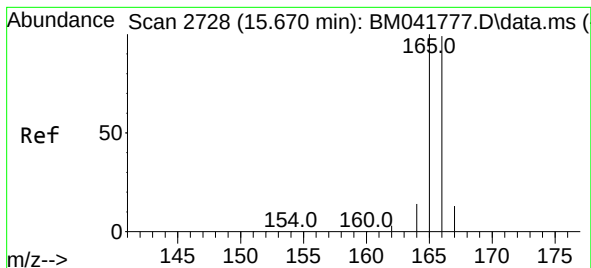
Tgt Ion:152 Resp: 7774
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.684 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion:153 Resp: 6289
Ion Ratio Lower Upper
153 100
152 53.7 43.4 65.2
154 85.8 69.4 104.0





#12

Fluorene

Concen: 0.293 ng/ul

RT: 15.670 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM041790.D

Acq: 11 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

SLCS326

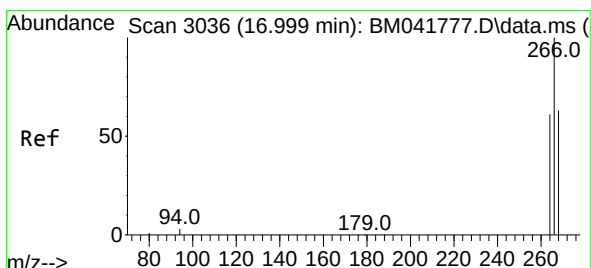
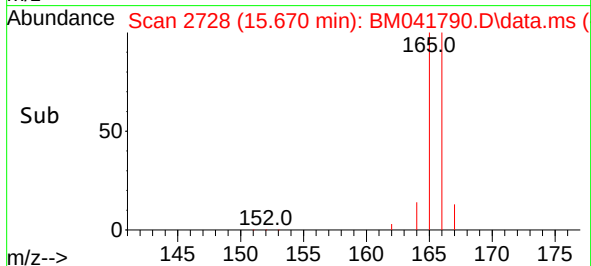
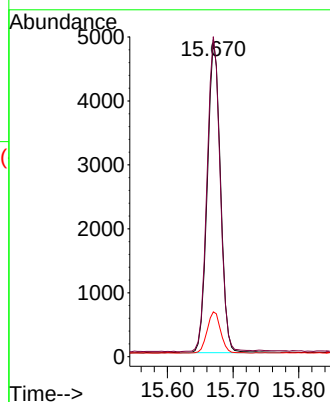
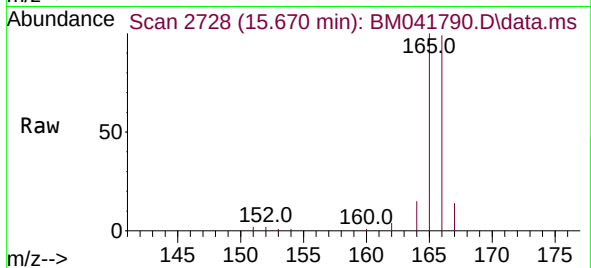
Tgt Ion:166 Resp: 6777

Ion Ratio Lower Upper

166 100

165 101.0 79.4 119.2

167 14.2 11.3 16.9



#14

Pentachlorophenol

Concen: 0.635 ng/ul

RT: 16.999 min Scan# 3036

Delta R.T. -0.004 min

Lab File: BM041790.D

Acq: 11 Sep 2023 22:02

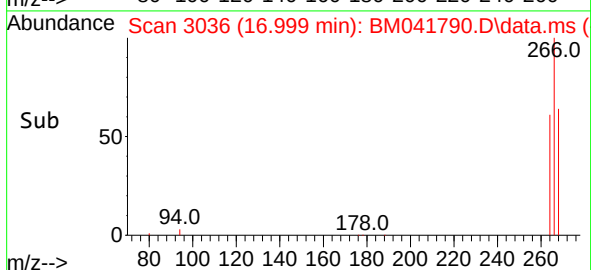
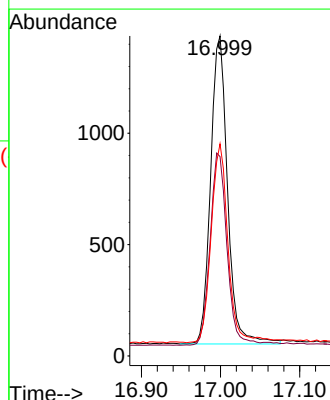
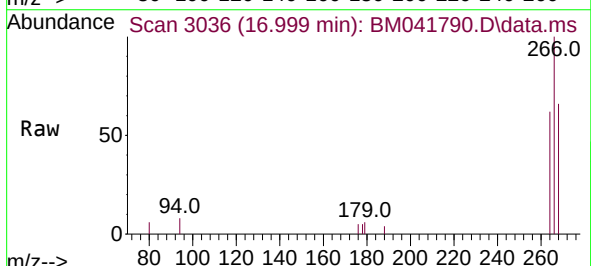
Tgt Ion:266 Resp: 2055

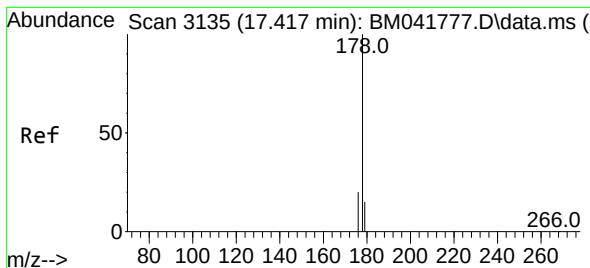
Ion Ratio Lower Upper

266 100

264 62.9 50.0 75.0

268 64.6 50.8 76.2





#15

Phenanthrene

Concen: 0.307 ng/ul

RT: 17.417 min Scan# 3135

Delta R.T. -0.008 min

Lab File: BM041790.D

Acq: 11 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

SLCS326

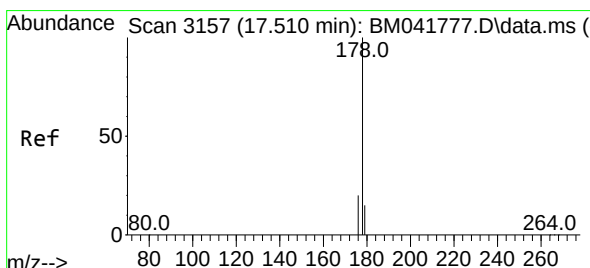
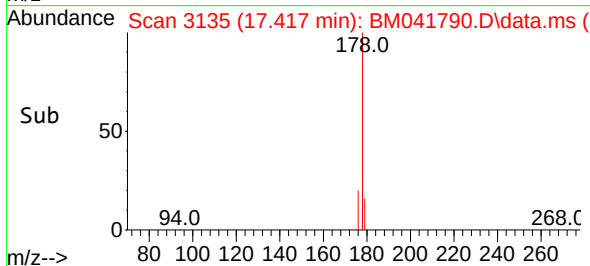
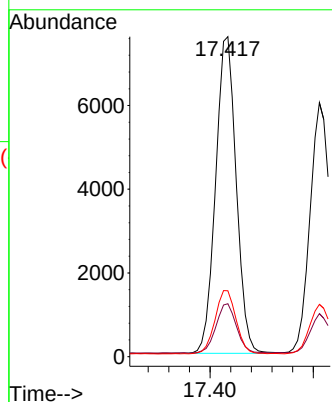
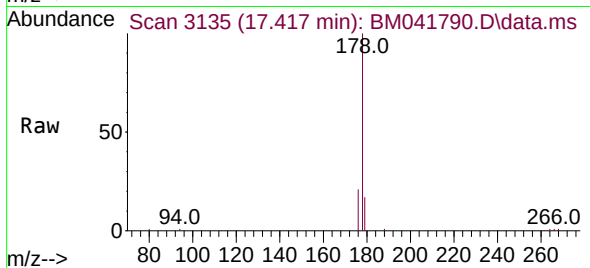
Tgt Ion:178 Resp: 10473

Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

176 20.6 16.9 25.3



#16

Anthracene

Concen: 0.303 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. -0.008 min

Lab File: BM041790.D

Acq: 11 Sep 2023 22:02

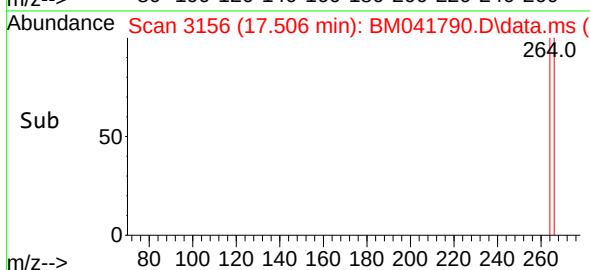
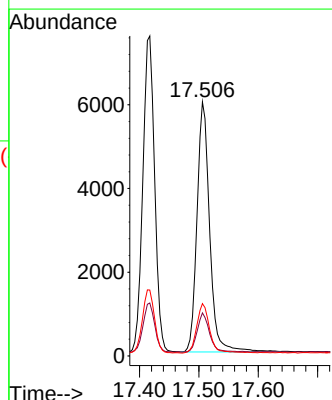
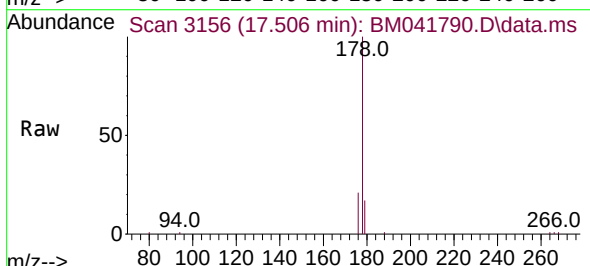
Tgt Ion:178 Resp: 8865

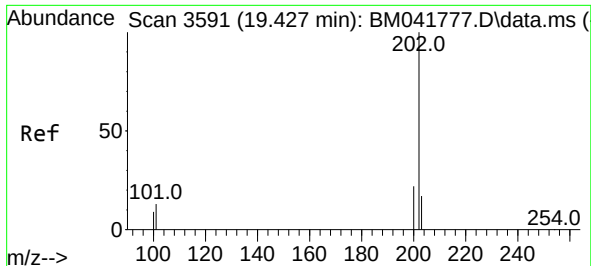
Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

176 20.6 15.8 23.8

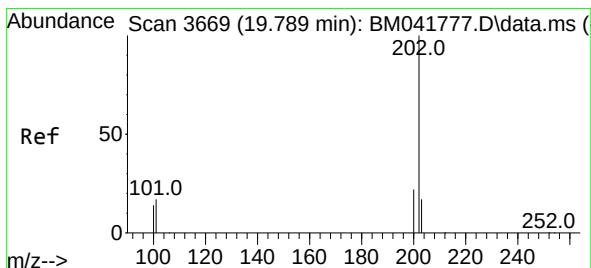
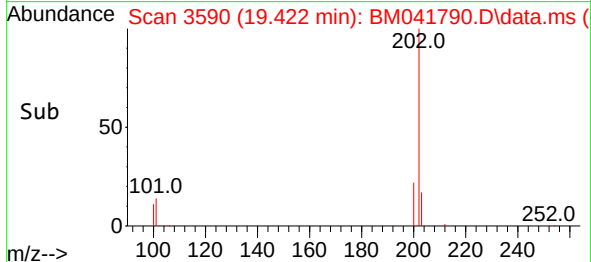
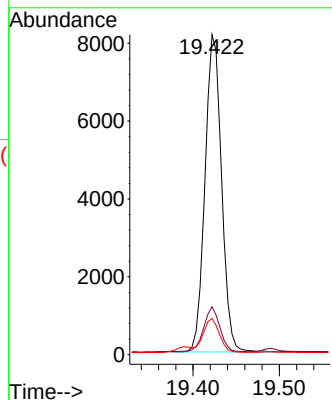
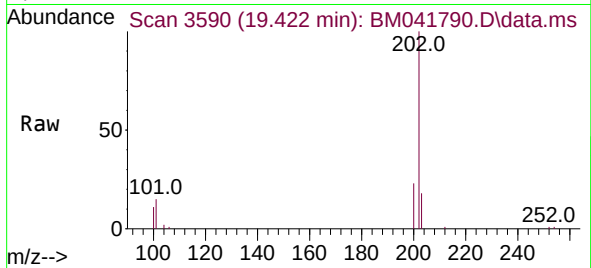




#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.009 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

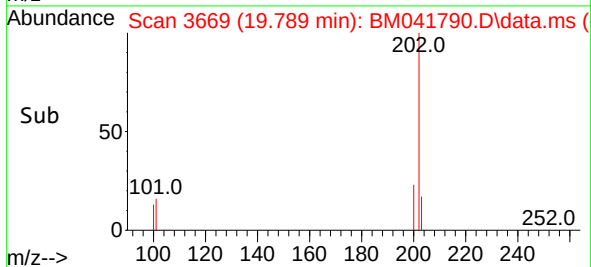
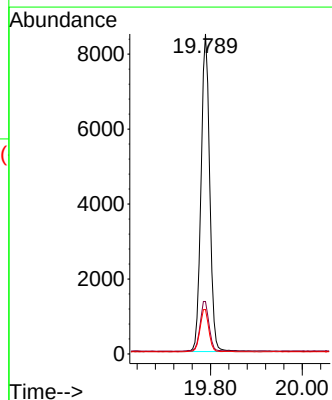
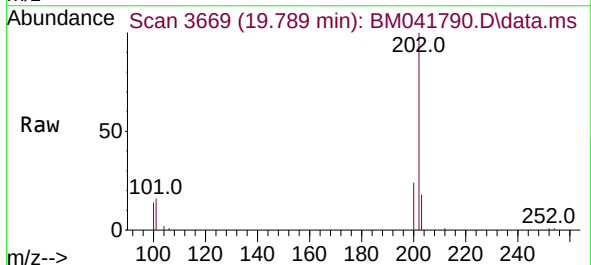
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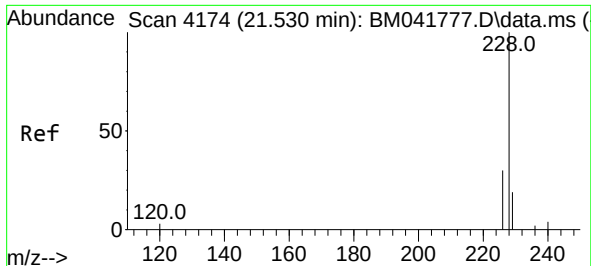
Tgt Ion:202 Resp: 10891
Ion Ratio Lower Upper
202 100
101 14.9 10.5 15.7
100 11.3 8.4 12.6



#20
Pyrene
Concen: 0.284 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion:202 Resp: 11121
Ion Ratio Lower Upper
202 100
101 16.4 11.8 17.8
100 13.9 9.8 14.6

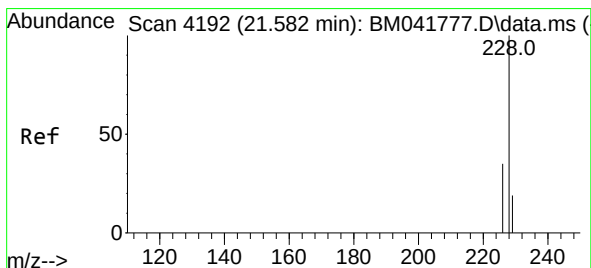
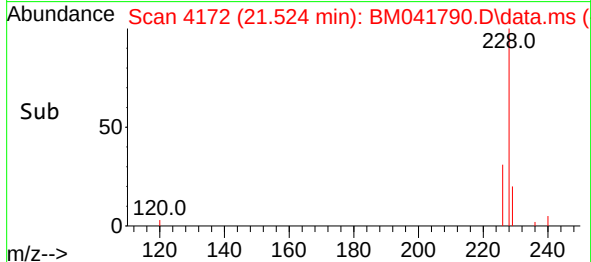
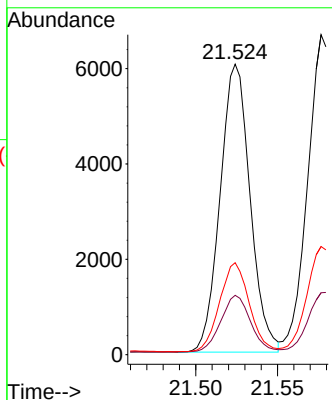
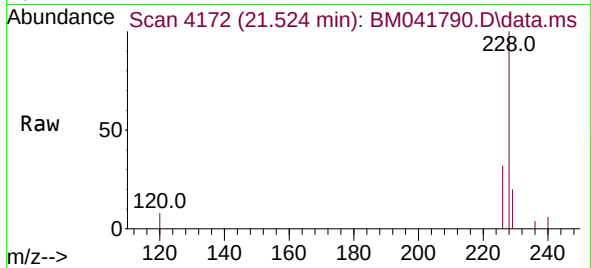




#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.524 min Scan# 4174
Delta R.T. -0.009 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

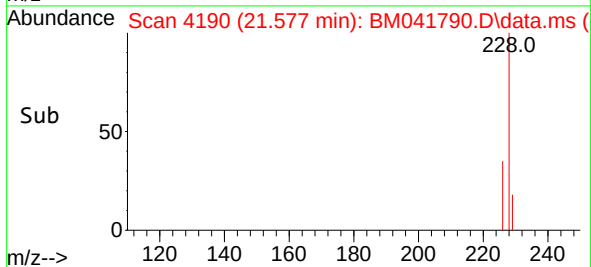
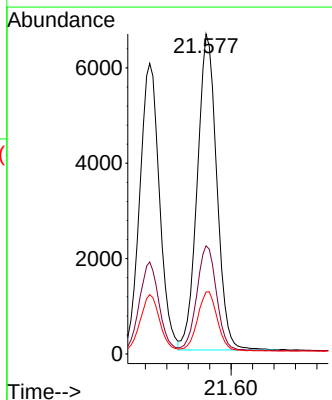
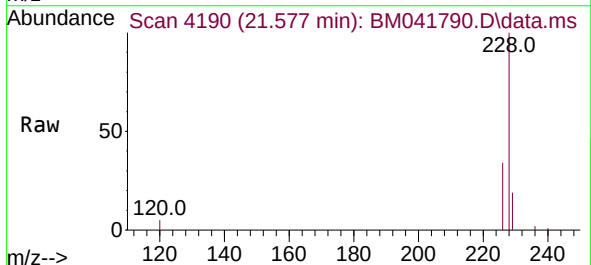
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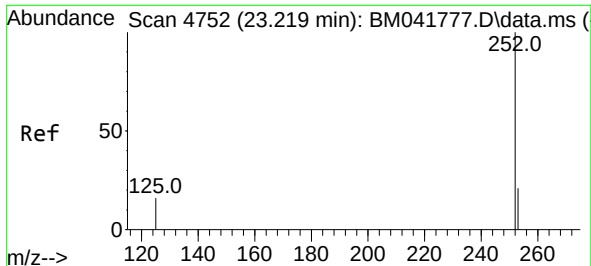
Tgt Ion:228 Resp: 7712
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 31.7 24.8 37.2



#22
Chrysene
Concen: 0.284 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.009 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion:228 Resp: 8358
Ion Ratio Lower Upper
228 100
226 33.8 27.0 40.6
229 19.4 15.4 23.2

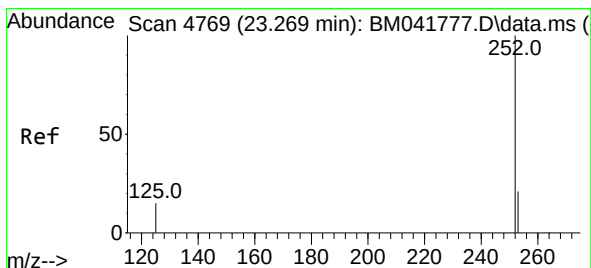
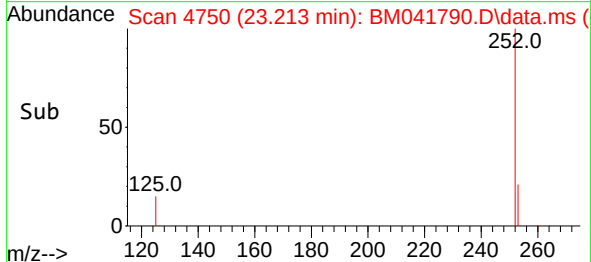
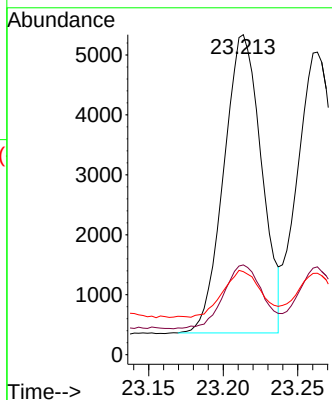
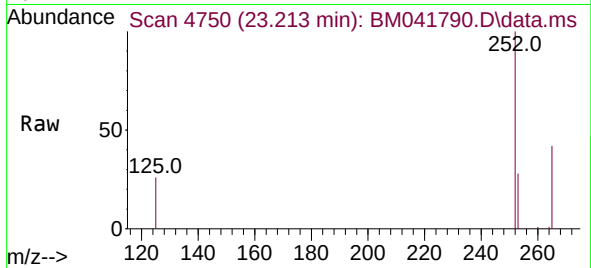




#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

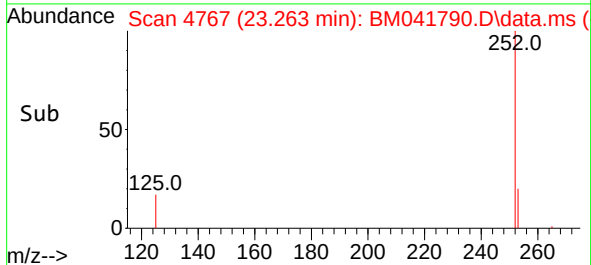
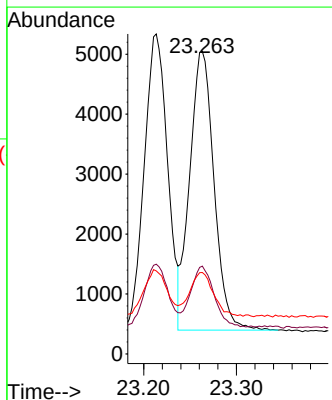
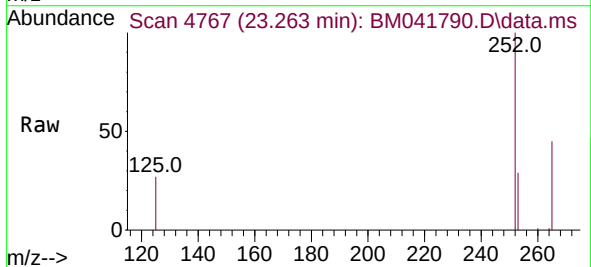
Instrument :
BNA_M
ClientSampleId :
SLCS326

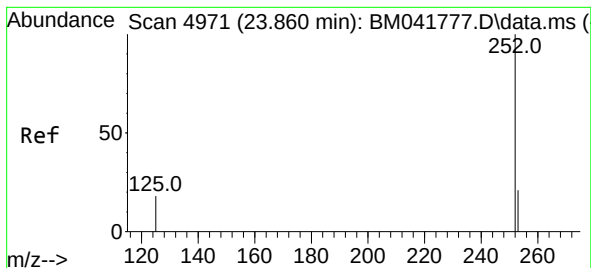
Tgt Ion:252 Resp: 8759
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.4
125 26.0 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.269 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion:252 Resp: 8503
Ion Ratio Lower Upper
252 100
253 29.0 21.3 31.9
125 26.9 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.268 ng/ul

RT: 23.851 min Scan# 4971

Delta R.T. -0.012 min

Lab File: BM041790.D

Acq: 11 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

SLCS326

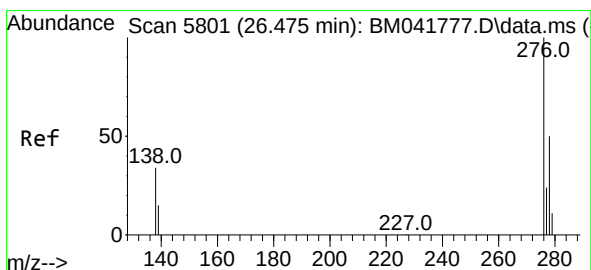
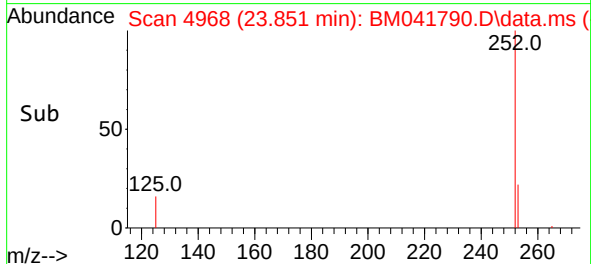
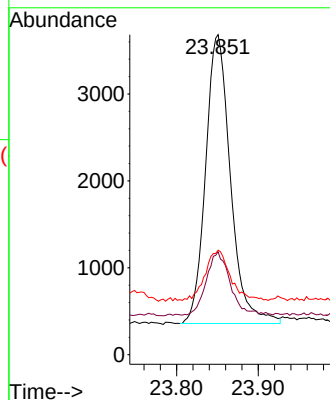
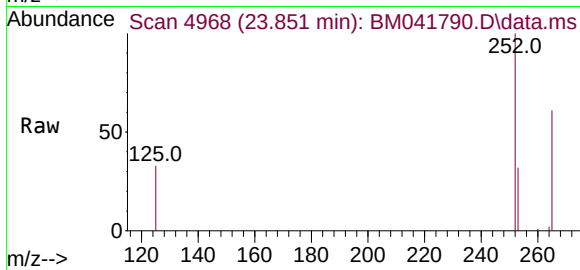
Tgt Ion:252 Resp: 7027

Ion Ratio Lower Upper

252 100

253 32.2 22.4 33.6

125 32.6 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.285 ng/ul

RT: 26.465 min Scan# 5798

Delta R.T. -0.020 min

Lab File: BM041790.D

Acq: 11 Sep 2023 22:02

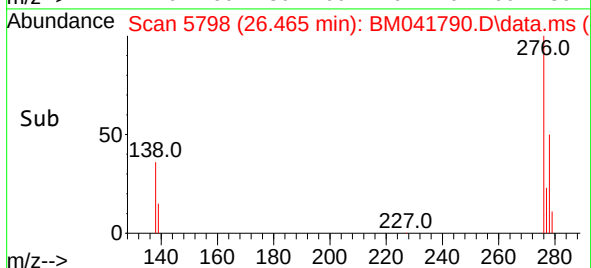
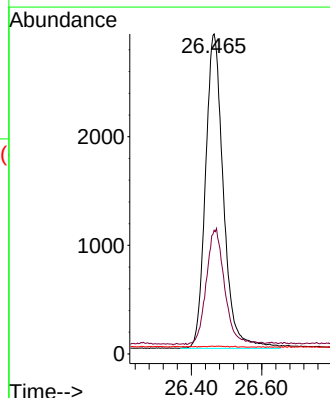
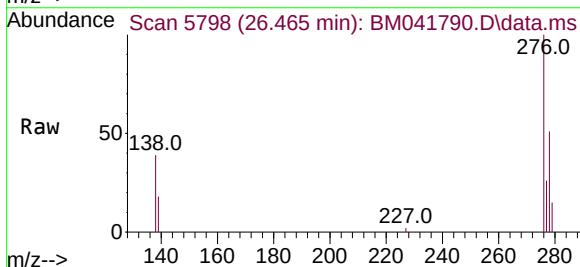
Tgt Ion:276 Resp: 10259

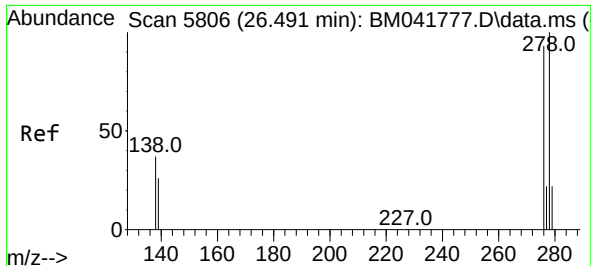
Ion Ratio Lower Upper

276 100

138 0.0 26.4 39.6#

227 0.1 0.1 0.1#

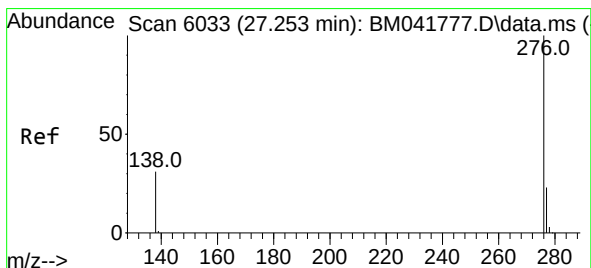
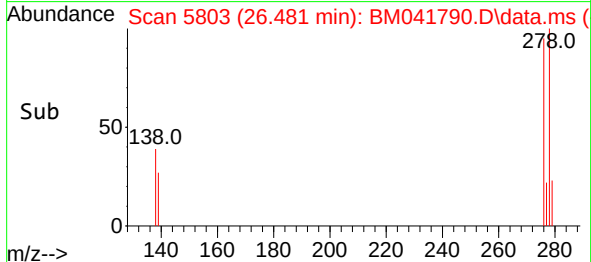
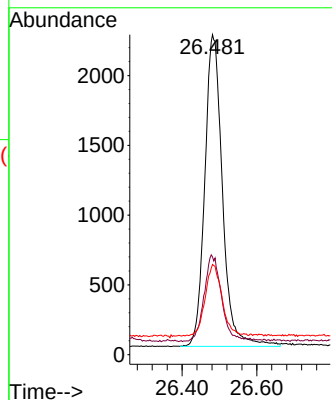
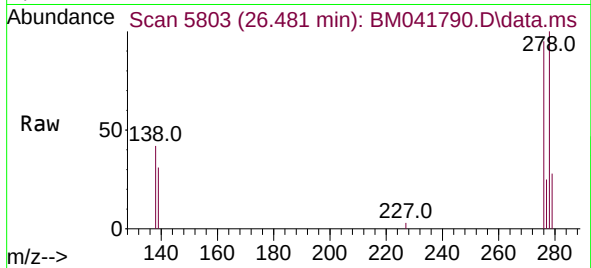




#28
Dibenzo(a,h)anthracene
Concen: 0.291 ng/ul
RT: 26.481 min Scan# 5806
Delta R.T. -0.024 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Instrument :
BNA_M
ClientSampleId :
SLCS326

Tgt Ion:278 Resp: 7345
Ion Ratio Lower Upper
278 100
139 30.5 23.0 34.6
279 28.2 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.285 ng/ul
RT: 27.243 min Scan# 6030
Delta R.T. -0.024 min
Lab File: BM041790.D
Acq: 11 Sep 2023 22:02

Tgt Ion:276 Resp: 9094
Ion Ratio Lower Upper
276 100
138 34.0 25.0 37.4
277 24.7 20.2 30.2

