

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112922\
 Data File : BM037792.D
 Acq On : 29 Nov 2022 15:38
 Operator : CG/JU
 Sample : PB149262BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS262

Quant Time: Nov 29 23:36:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 23:34:25 2022
 Response via : Initial Calibration

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

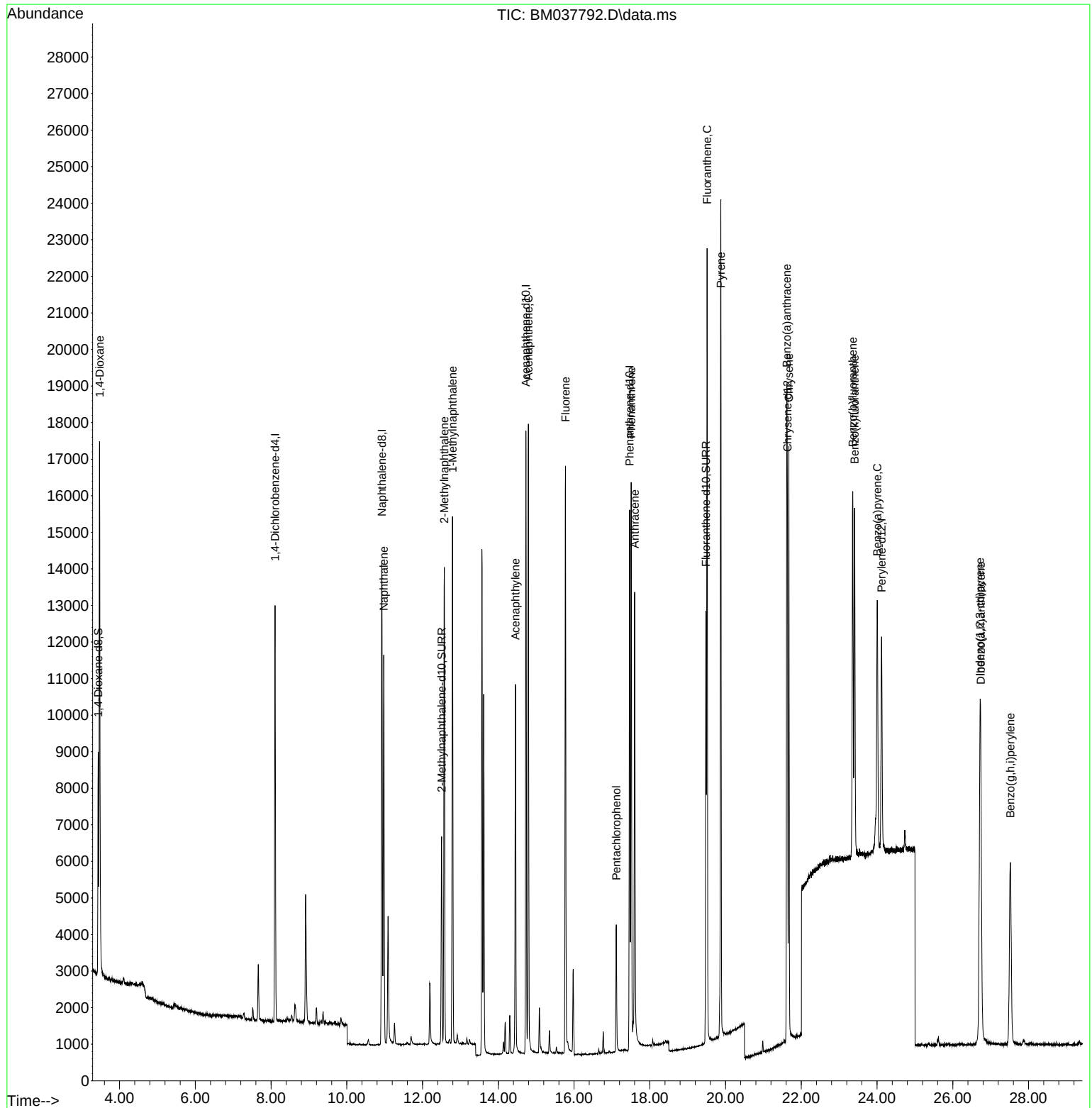
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	5418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.925	136	17164	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.728	164	8823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.466	188	16870	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.633	240	10223	0.400	ng/ul	# 0.00
23) Perylene-d12	24.118	264	8178	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	3813	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.503	152	7115	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.480	212	11387	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	9230	1.408	ng/ul#	52
5) Naphthalene	10.975	128	14166	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.575	142	8703	0.245	ng/ul	99
8) 1-Methylnaphthalene	12.789	142	9371	0.258	ng/ul	99
10) Acenaphthylene	14.451	152	11693	0.239	ng/ul	98
11) Acenaphthene	14.793	153	9689	0.283	ng/ul	99
12) Fluorene	15.774	166	10353	0.251	ng/ul	98
14) Pentachlorophenol	17.116	266	2351	0.621	ng/ul	98
15) Phenanthrene	17.508	178	16269	0.282	ng/ul	98
16) Anthracene	17.601	178	14526	0.261	ng/ul	97
19) Fluoranthene	19.513	202	17028	0.345	ng/ul#	86
20) Pyrene	19.875	202	17722	0.346	ng/ul#	89
21) Benzo(a)anthracene	21.616	228	13538	0.296	ng/ul	97
22) Chrysene	21.671	228	13772	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.358	252	12948	0.347	ng/ul#	74
25) Benzo(k)fluoranthene	23.407	252	12419	0.330	ng/ul#	74
26) Benzo(a)pyrene	24.007	252	10552	0.325	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.718	276	13028	0.303	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.738	278	10249	0.304	ng/ul#	81
29) Benzo(g,h,i)perylene	27.519	276	11009	0.302	ng/ul#	84

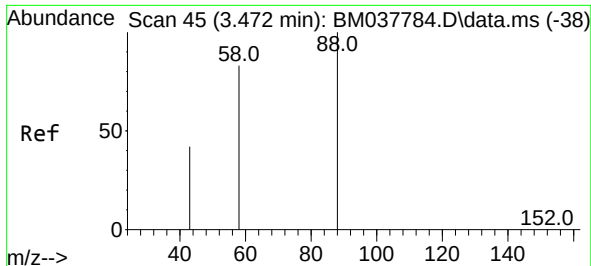
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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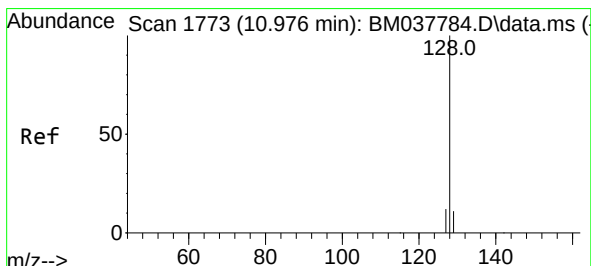
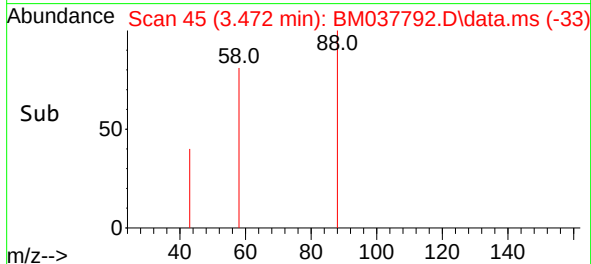
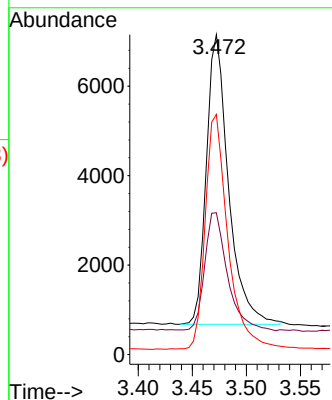
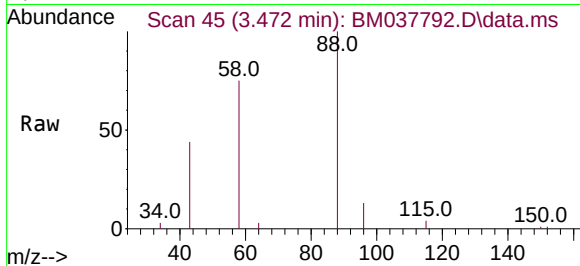




#2
1,4-Dioxane
Concen: 1.408 ng/ul
RT: 3.472 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

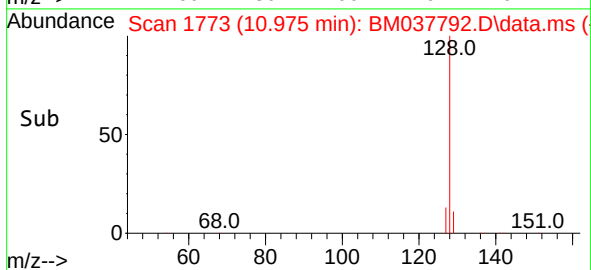
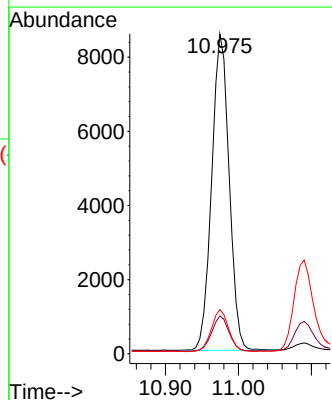
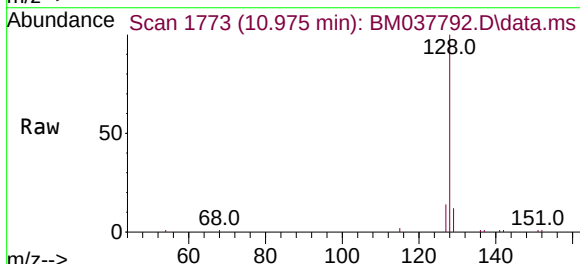
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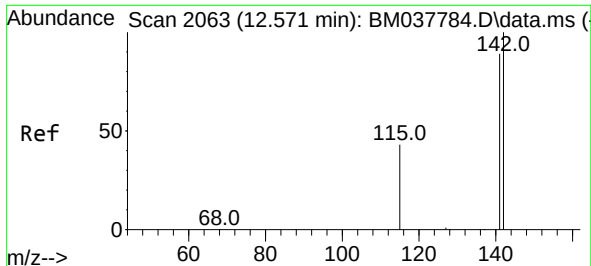
Tgt Ion: 88 Resp: 9230
Ion Ratio Lower Upper
88 100
43 44.3 102.8 154.2#
58 75.1 67.3 100.9



#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.975 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion: 128 Resp: 14166
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.8
127 13.8 11.0 16.4

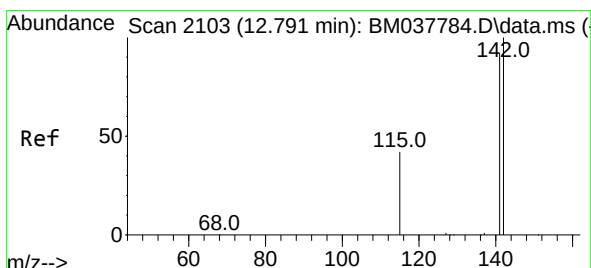
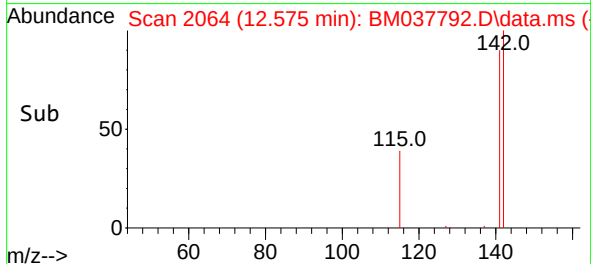
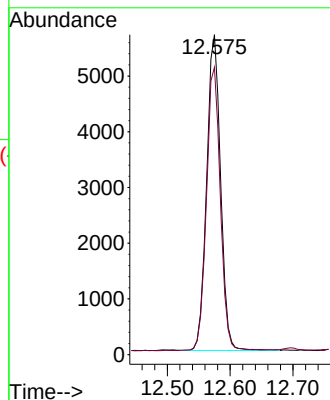
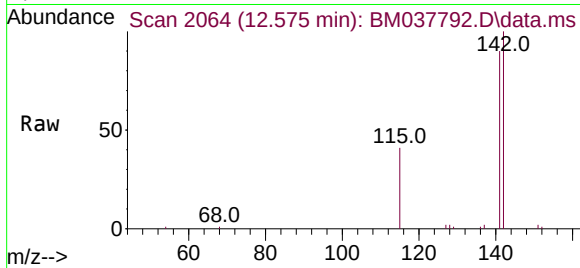




#7
2-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.575 min Scan# 2063
Delta R.T. 0.004 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

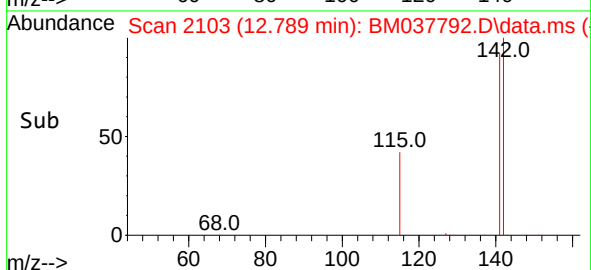
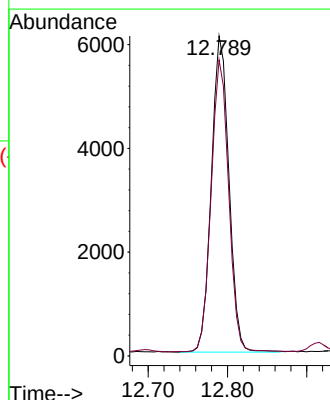
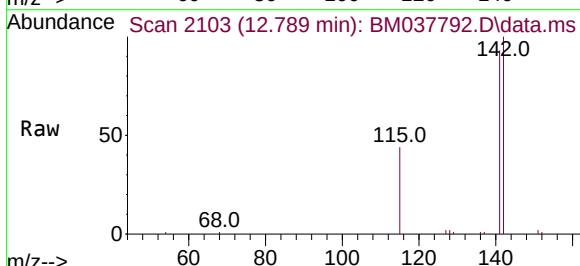
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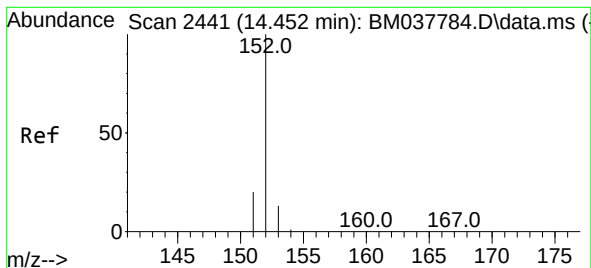
Tgt Ion:142 Resp: 8703
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.789 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:142 Resp: 9371
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0





#10

Acenaphthylene

Concen: 0.239 ng/ul

RT: 14.451 min Scan# 2441

Delta R.T. -0.001 min

Lab File: BM037792.D

Acq: 29 Nov 2022 15:38

Instrument :

BNA_M

ClientSampleId :

SLCS262

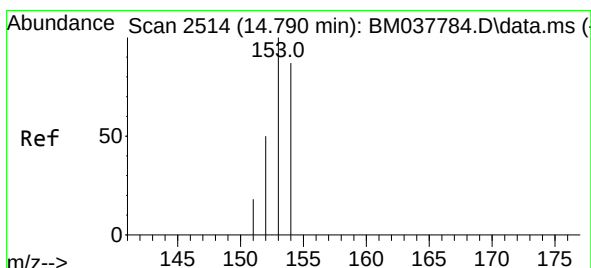
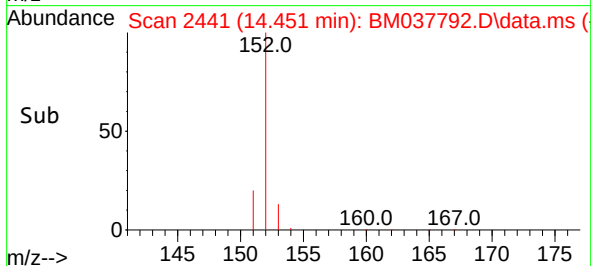
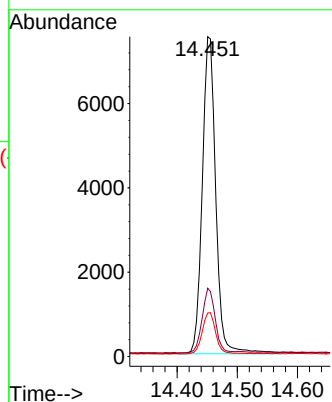
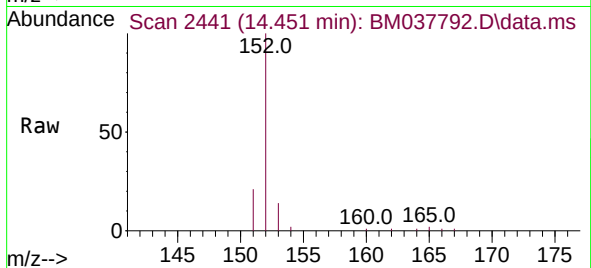
Tgt Ion:152 Resp: 11693

Ion Ratio Lower Upper

152 100

151 21.4 15.9 23.9

153 13.6 11.0 16.4



#11

Acenaphthene

Concen: 0.283 ng/ul

RT: 14.793 min Scan# 2515

Delta R.T. 0.003 min

Lab File: BM037792.D

Acq: 29 Nov 2022 15:38

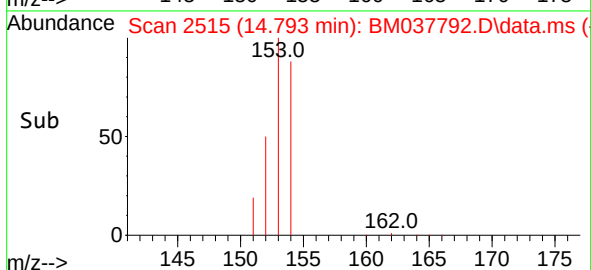
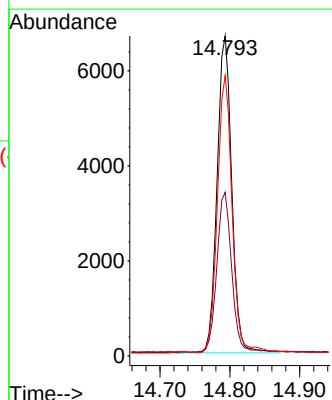
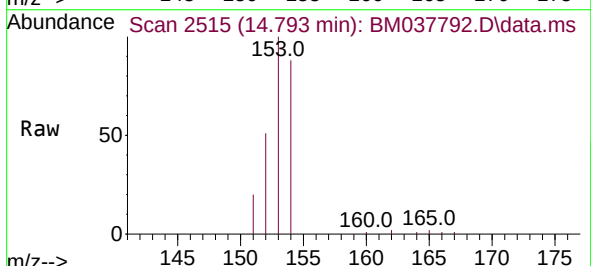
Tgt Ion:153 Resp: 9689

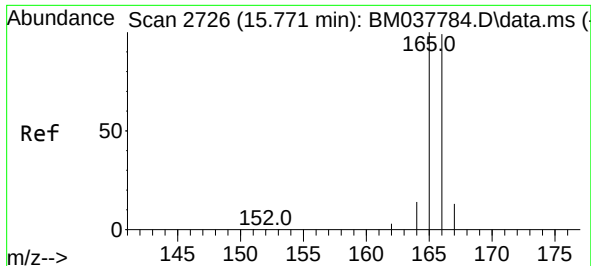
Ion Ratio Lower Upper

153 100

152 51.1 39.4 59.0

154 87.6 69.5 104.3

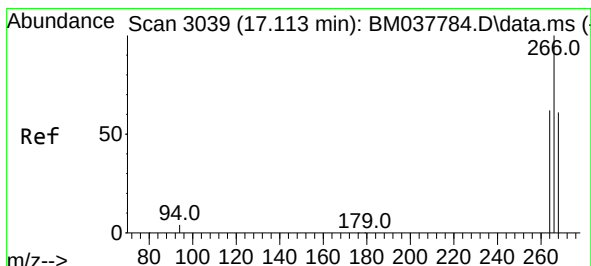
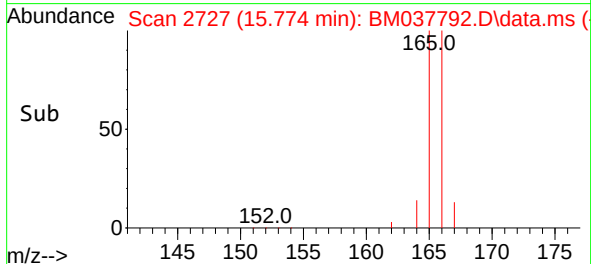
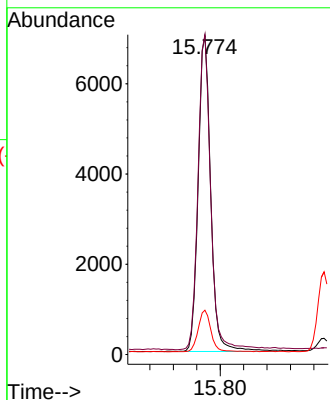
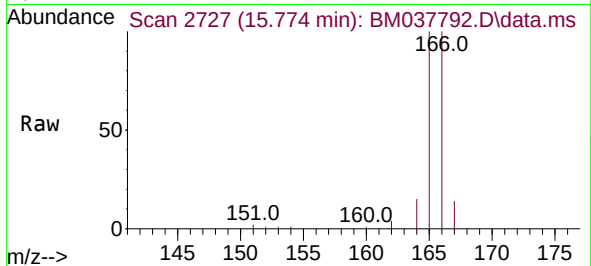




#12
 Fluorene
 Concen: 0.251 ng/ul
 RT: 15.774 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BM037792.D
 Acq: 29 Nov 2022 15:38

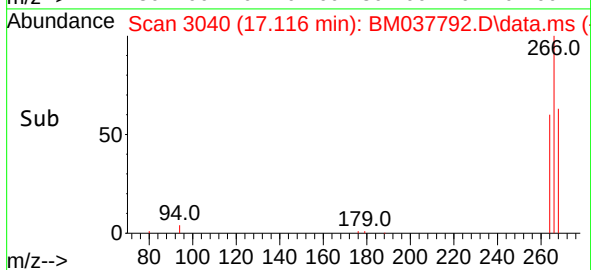
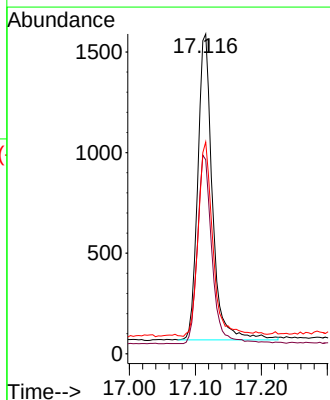
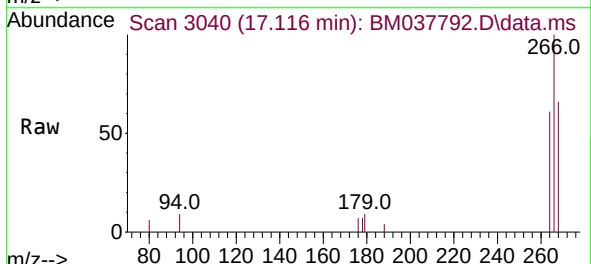
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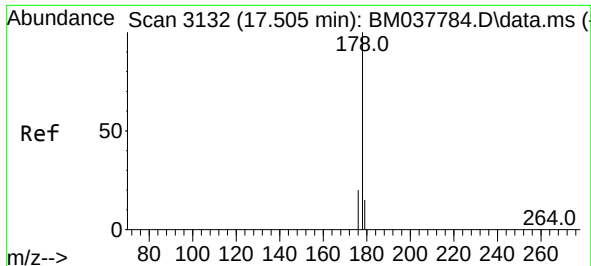
Tgt Ion:166 Resp: 10353
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.7 118.1
 167 13.9 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.621 ng/ul
 RT: 17.116 min Scan# 3040
 Delta R.T. 0.003 min
 Lab File: BM037792.D
 Acq: 29 Nov 2022 15:38

Tgt Ion:266 Resp: 2351
 Ion Ratio Lower Upper
 266 100
 264 61.0 50.2 75.2
 268 63.2 52.0 78.0

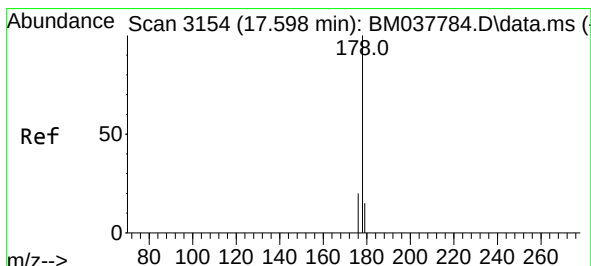
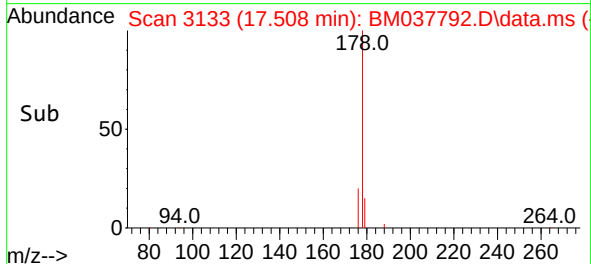
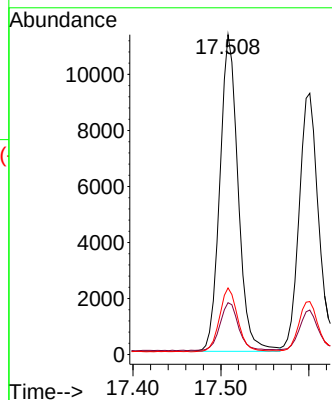
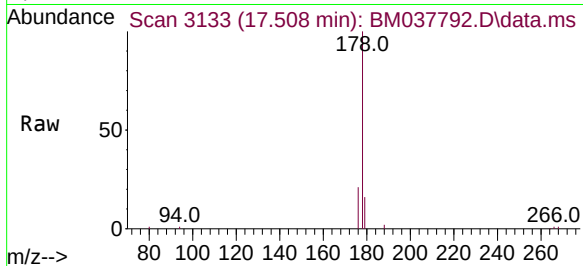




#15
Phenanthrene
Concen: 0.282 ng/ul
RT: 17.508 min Scan# 3132
Delta R.T. 0.003 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

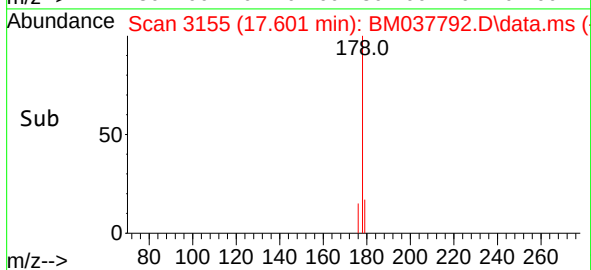
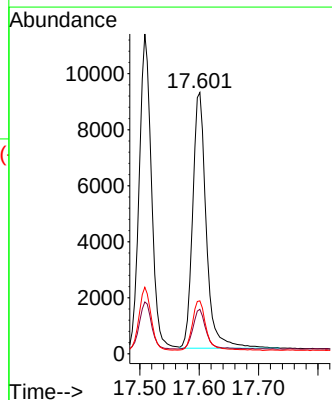
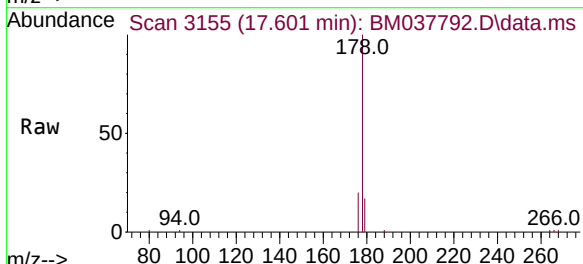
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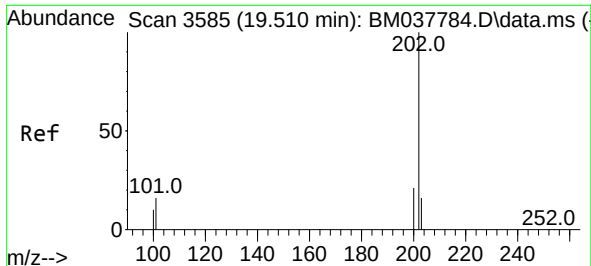
Tgt Ion:178 Resp: 16269
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 20.8 16.0 24.0



#16
Anthracene
Concen: 0.261 ng/ul
RT: 17.601 min Scan# 3155
Delta R.T. 0.003 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:178 Resp: 14526
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 20.3 15.0 22.6

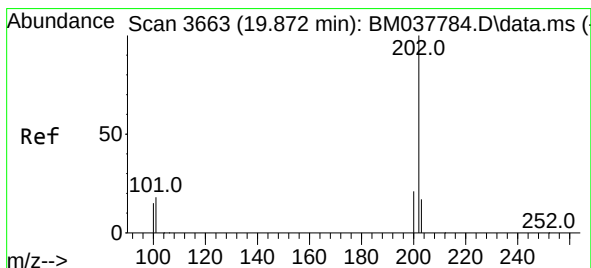
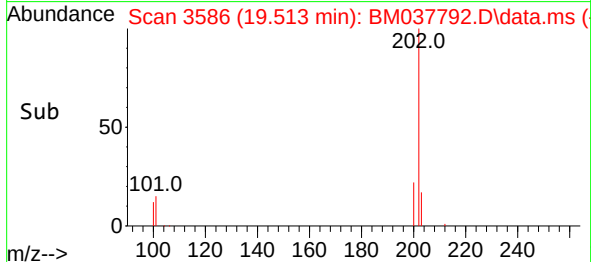
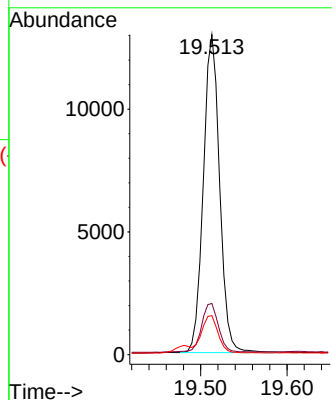
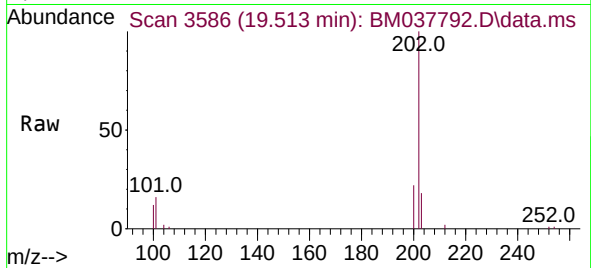




#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.513 min Scan# 3585
Delta R.T. 0.003 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

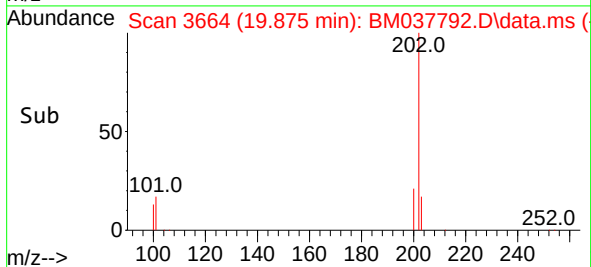
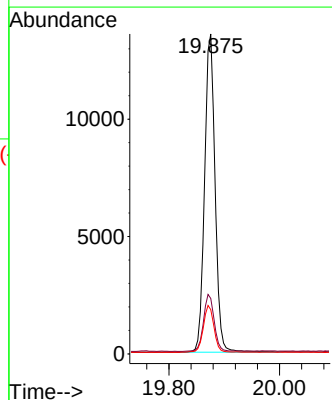
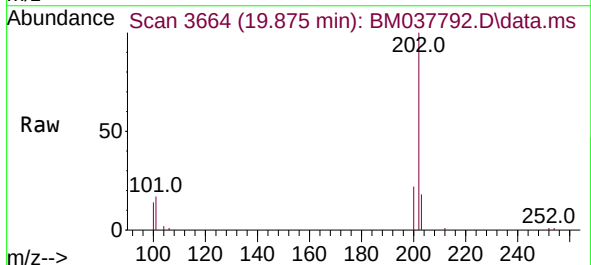
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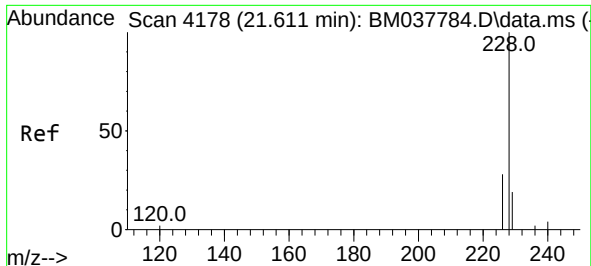
Tgt Ion:202 Resp: 17028
Ion Ratio Lower Upper
202 100
101 16.0 8.2 12.2#
100 12.2 6.1 9.1#



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.875 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:202 Resp: 17722
Ion Ratio Lower Upper
202 100
101 17.3 10.1 15.1#
100 13.8 8.0 12.0#

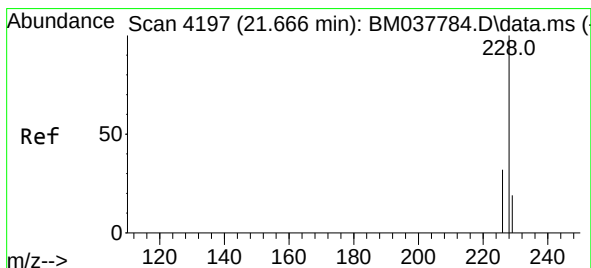
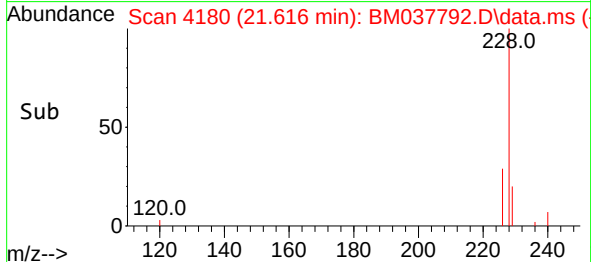
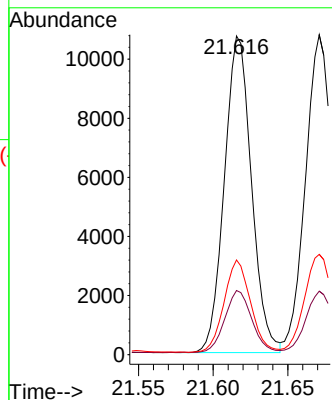
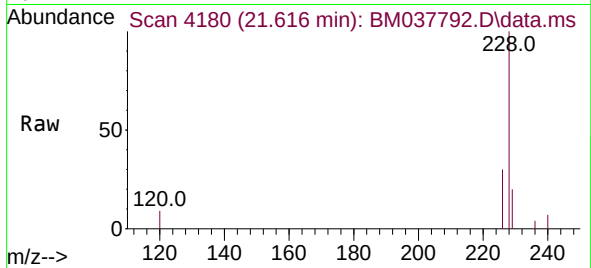




#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.616 min Scan# 4178
Delta R.T. 0.005 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

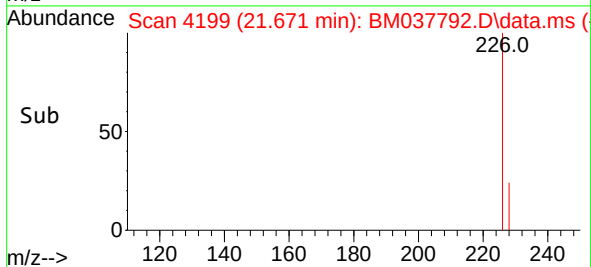
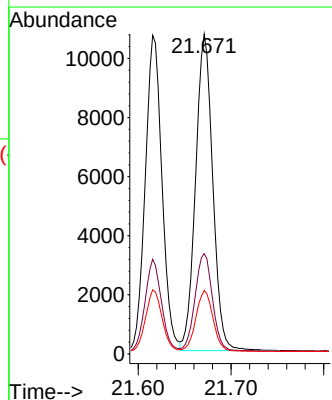
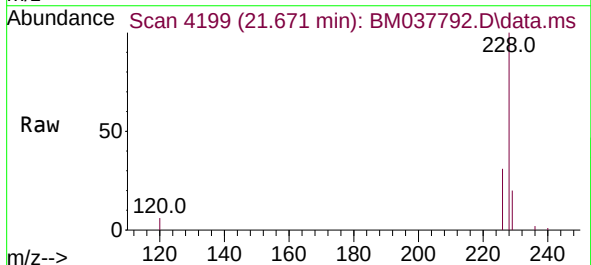
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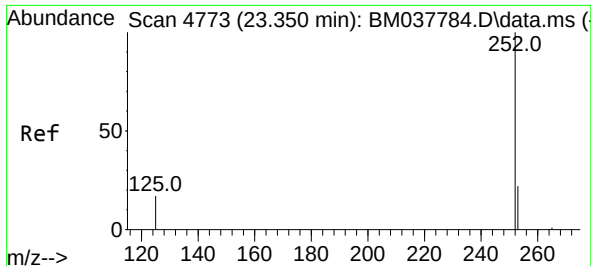
Tgt Ion:228 Resp: 13538
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 29.7 22.2 33.2



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.671 min Scan# 4199
Delta R.T. 0.005 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:228 Resp: 13772
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 19.8 15.5 23.3

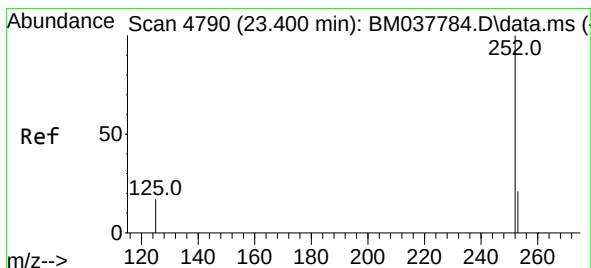
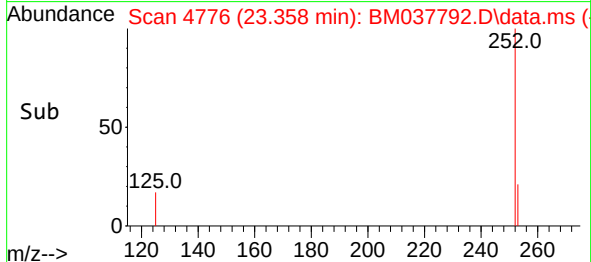
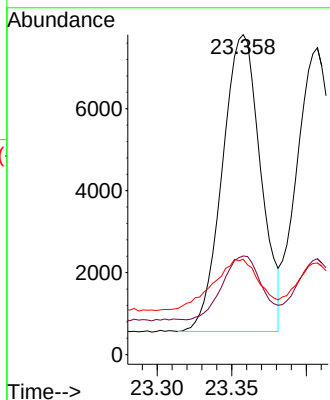
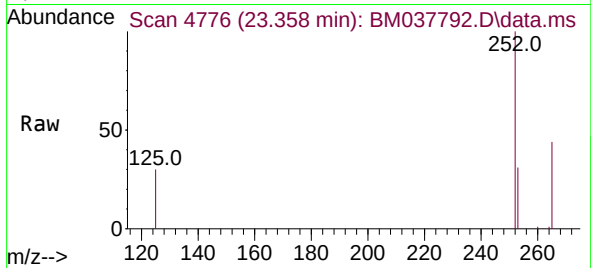




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.358 min Scan# 4776
Delta R.T. 0.008 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

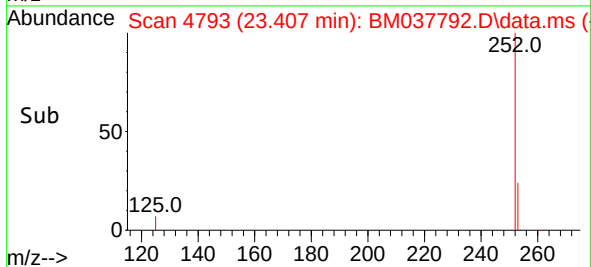
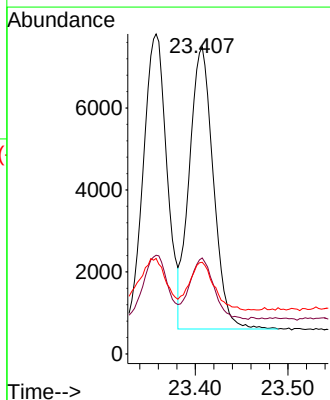
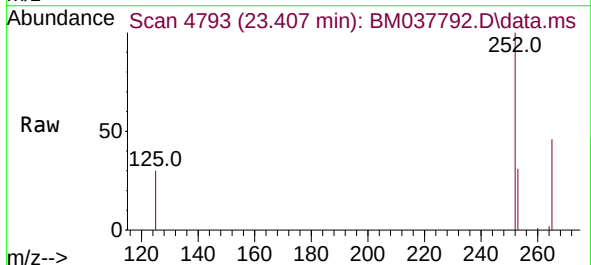
Instrument :
BNA_M
ClientSampleId :
SLCS262

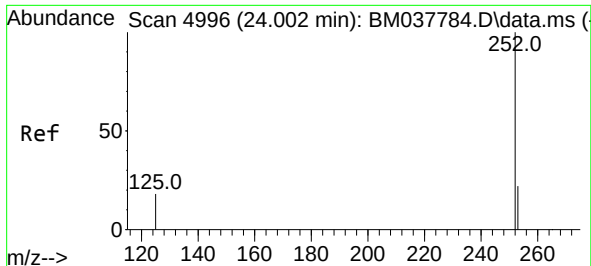
Tgt Ion:252 Resp: 12948
Ion Ratio Lower Upper
252 100
253 30.8 0.0 46.2
125 29.8 0.0 23.4#



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.407 min Scan# 4793
Delta R.T. 0.008 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:252 Resp: 12419
Ion Ratio Lower Upper
252 100
253 31.3 18.8 28.2#
125 29.8 9.8 14.6#

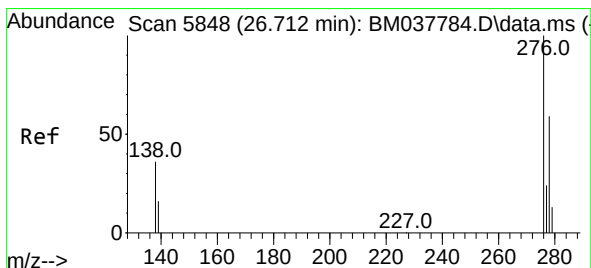
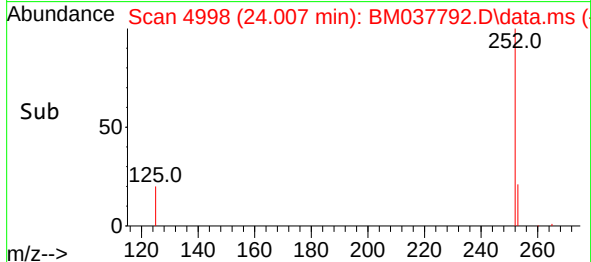
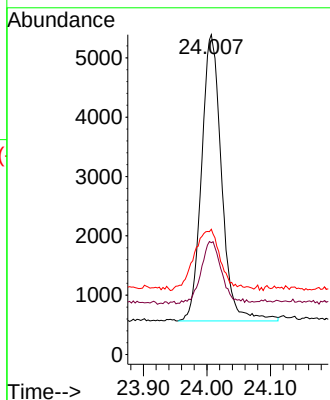
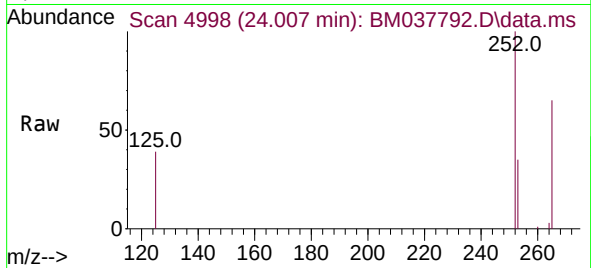




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 24.007 min Scan# 4996
Delta R.T. 0.005 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

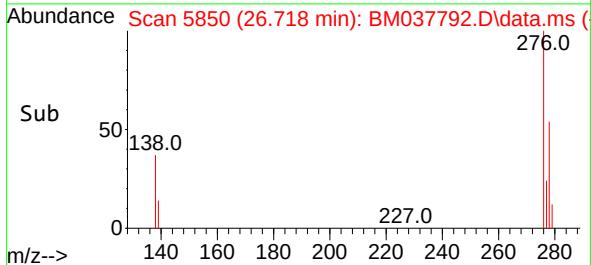
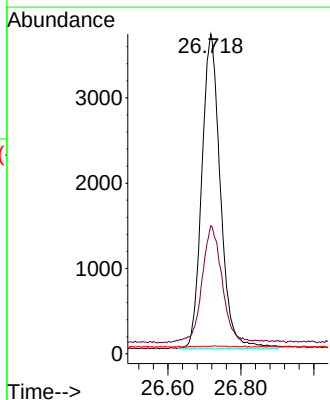
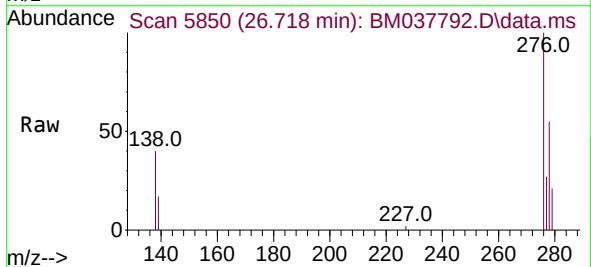
Instrument :
BNA_M
ClientSampleId :
SLCS262

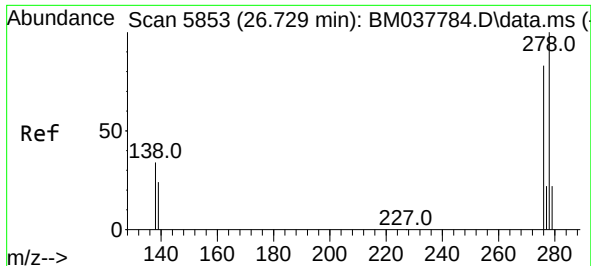
Tgt Ion:252 Resp: 10552
Ion Ratio Lower Upper
252 100
253 35.0 18.8 28.2#
125 39.2 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.718 min Scan# 5850
Delta R.T. 0.006 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:276 Resp: 13028
Ion Ratio Lower Upper
276 100
138 39.7 21.2 31.8#
227 0.2 0.1 0.1#

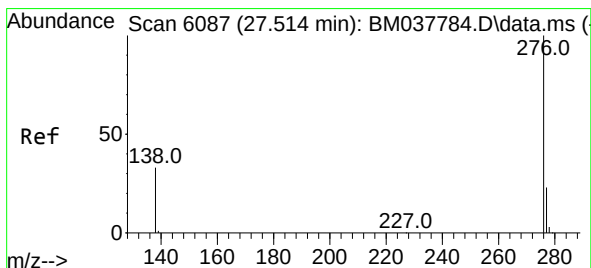
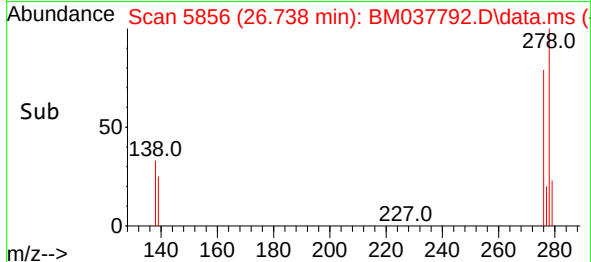
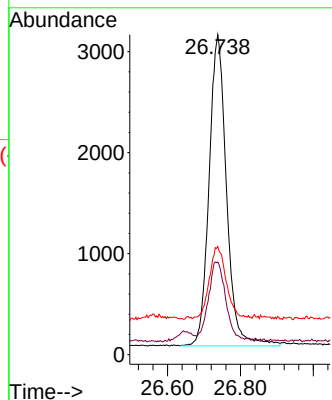
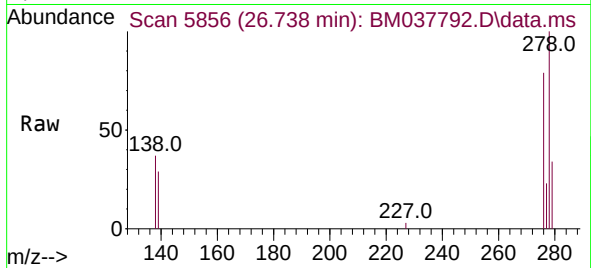




#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 26.738 min Scan# 5853
Delta R.T. 0.009 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Instrument :
BNA_M
ClientSampleId :
SLCS262

Tgt Ion:278 Resp: 10249
Ion Ratio Lower Upper
278 100
139 28.9 15.2 22.8#
279 33.8 20.2 30.2#



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.519 min Scan# 6089
Delta R.T. 0.005 min
Lab File: BM037792.D
Acq: 29 Nov 2022 15:38

Tgt Ion:276 Resp: 11009
Ion Ratio Lower Upper
276 100
138 37.2 19.0 28.4#
277 26.3 19.4 29.2

