

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041774.D
 Acq On : 10 Sep 2023 06:28
 Operator : MA/JU
 Sample : PB155288BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

Quant Time: Sep 11 01:53:07 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

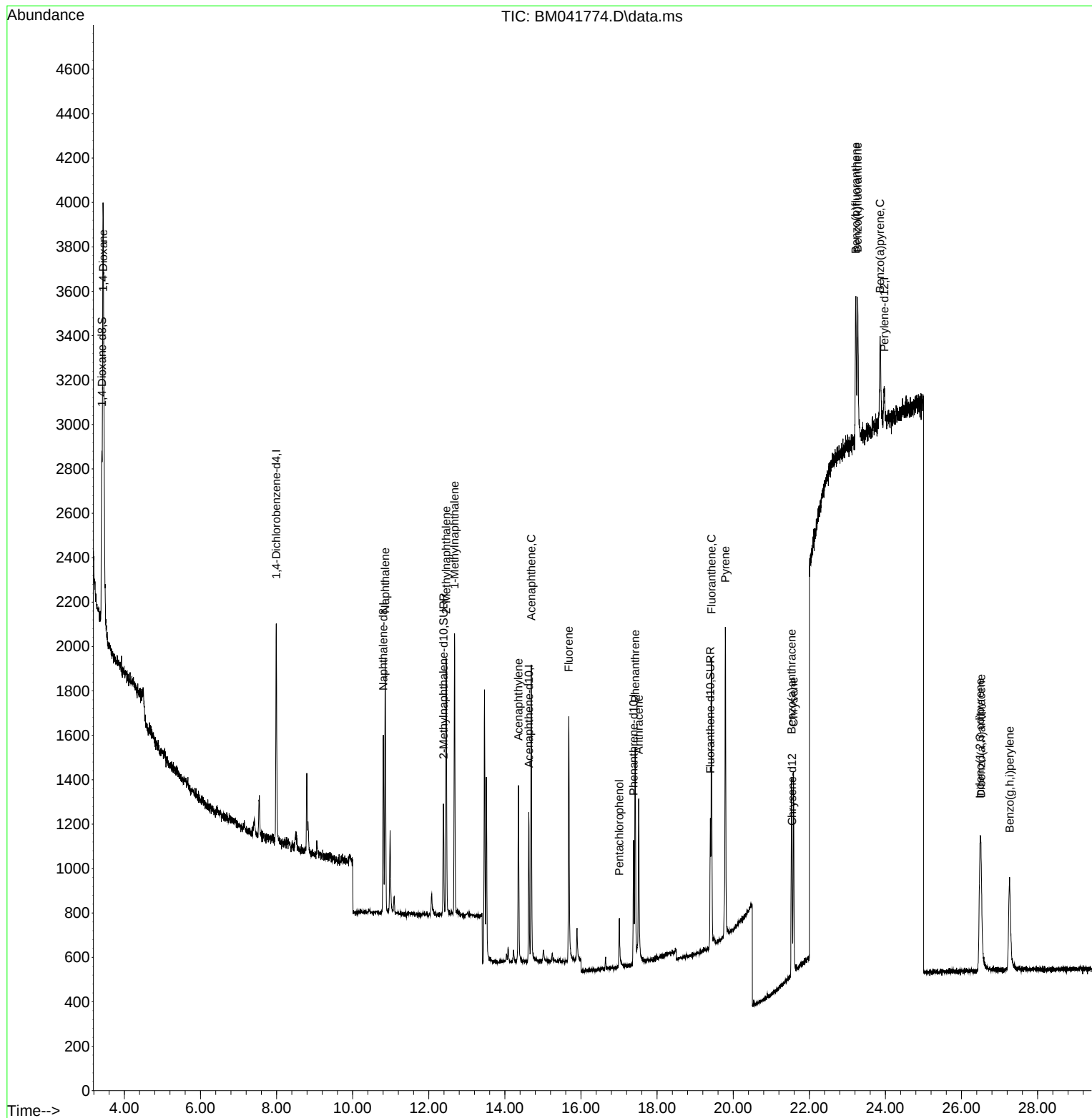
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	489	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	996	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.629	164	346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	656	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	224	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	240	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	843	1.128	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	638	0.498	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	514	0.473	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	1781	2.294	ng/ul	91
5) Naphthalene	10.856	128	1601	0.489	ng/ul#	90
7) 2-Methylnaphthalene	12.456	142	818	0.441	ng/ul	97
8) 1-Methylnaphthalene	12.676	142	868	0.465	ng/ul	100
10) Acenaphthylene	14.356	152	979	0.458	ng/ul#	82
11) Acenaphthene	14.694	153	780	0.469	ng/ul	94
12) Fluorene	15.679	166	824	0.442	ng/ul#	92
14) Pentachlorophenol	17.004	266	190	0.724	ng/ul	96
15) Phenanthrene	17.426	178	1198	0.433	ng/ul#	84
16) Anthracene	17.519	178	962	0.405	ng/ul#	78
19) Fluoranthene	19.431	202	1145	0.433	ng/ul#	84
20) Pyrene	19.794	202	1169	0.445	ng/ul#	79
21) Benzo(a)anthracene	21.533	228	753	0.412	ng/ul#	90
22) Chrysene	21.586	228	843	0.428	ng/ul#	90
24) Benzo(b)fluoranthene	23.222	252	897	0.418	ng/ul#	10
25) Benzo(k)fluoranthene	23.272	252	851	0.405	ng/ul#	12
26) Benzo(a)pyrene	23.860	252	699	0.401	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.485	276	1051	0.439	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.512	278	735	0.438	ng/ul#	31
29) Benzo(g,h,i)perylene	27.263	276	984	0.464	ng/ul#	63

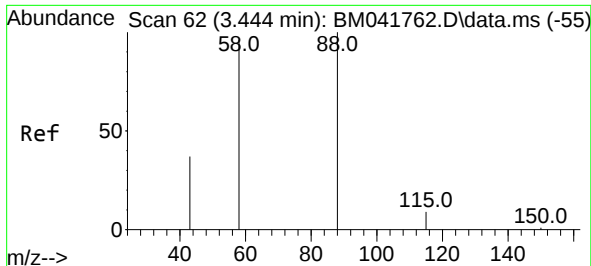
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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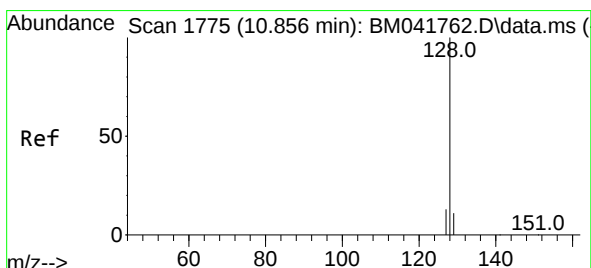
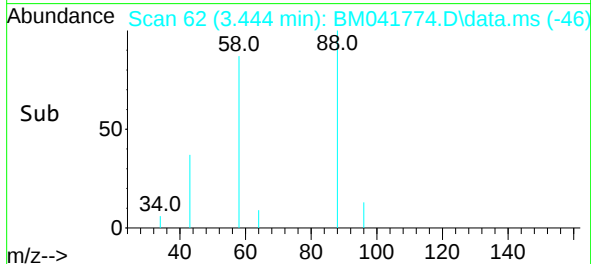
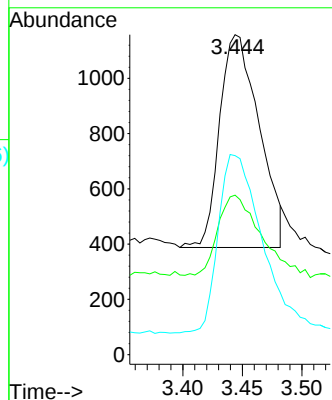
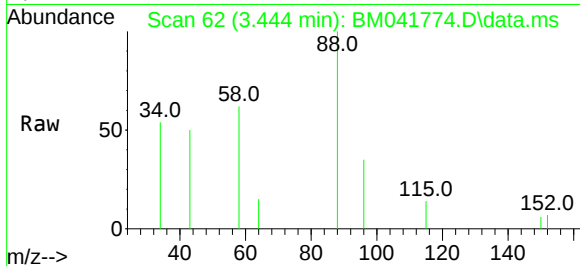




#2
1,4-Dioxane
Concen: 2.294 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.008 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

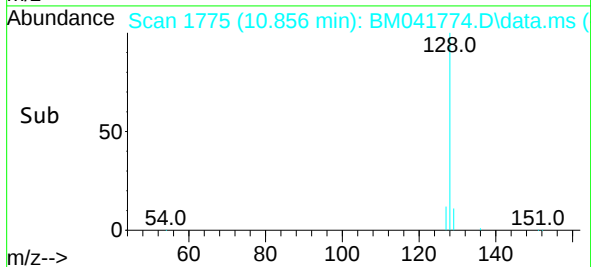
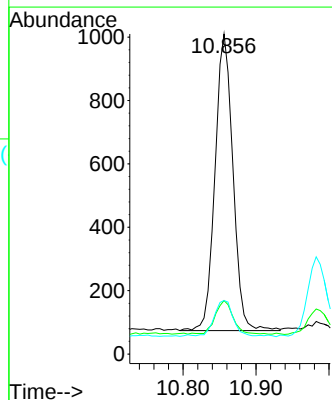
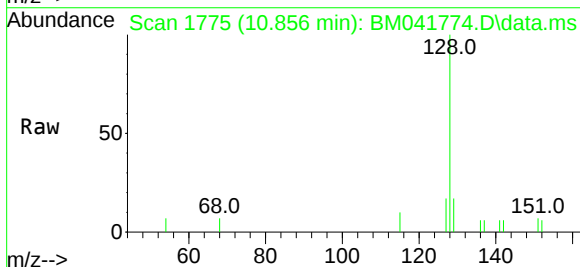
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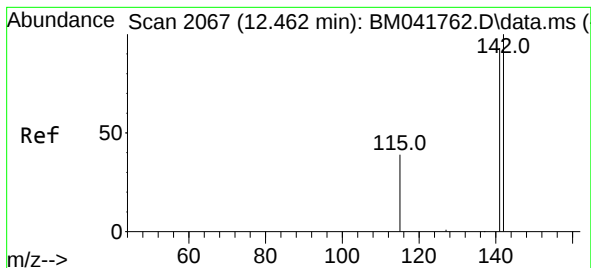
Tgt Ion: 88 Resp: 1781
Ion Ratio Lower Upper
88 100
43 49.8 33.8 50.6
58 62.2 54.2 81.2



#5
Naphthalene
Concen: 0.489 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Tgt Ion: 128 Resp: 1601
Ion Ratio Lower Upper
128 100
129 16.7 9.4 14.0#
127 16.7 11.0 16.6#

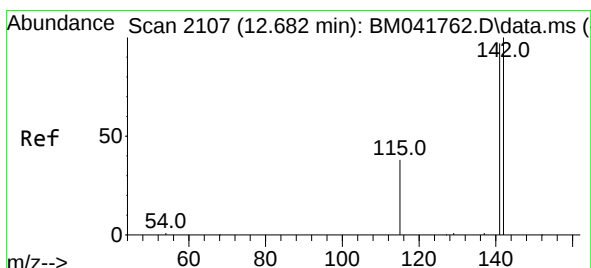
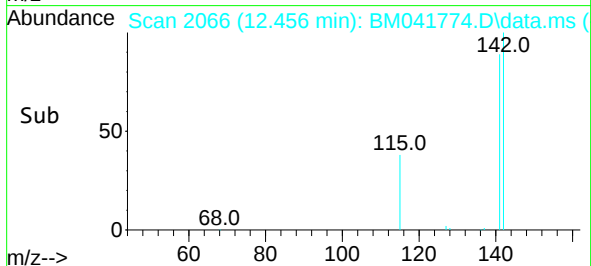
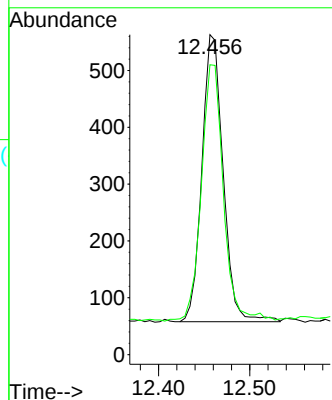
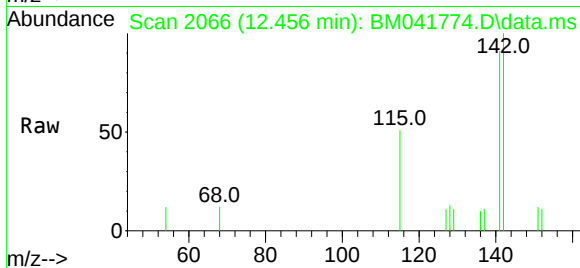




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.456 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

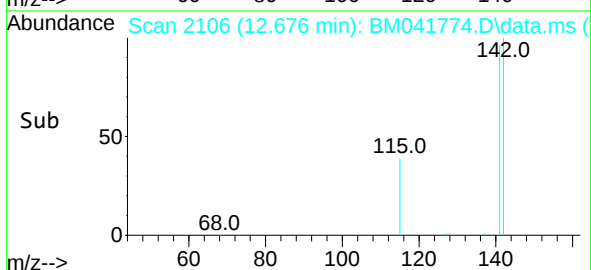
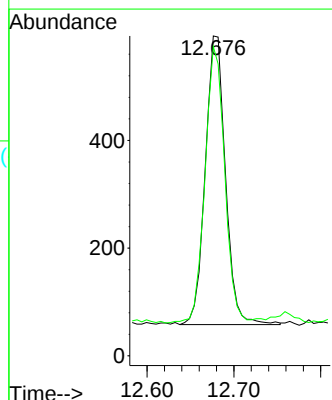
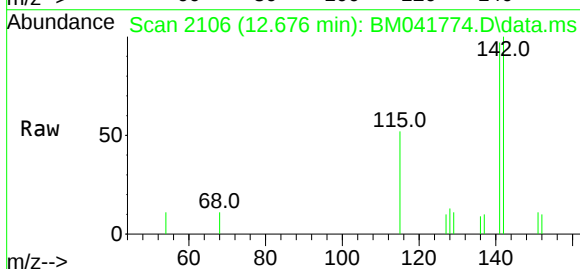
Instrument :
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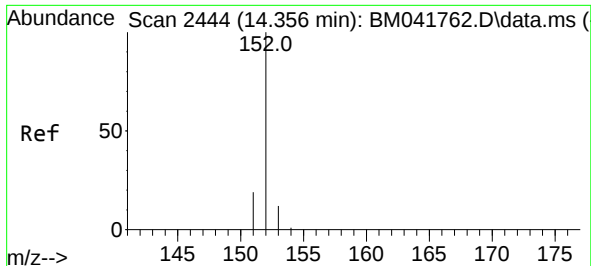
Tgt Ion:142 Resp: 818
Ion Ratio Lower Upper
142 100
141 93.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.676 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Tgt Ion:142 Resp: 868
Ion Ratio Lower Upper
142 100
141 93.3 74.4 111.6

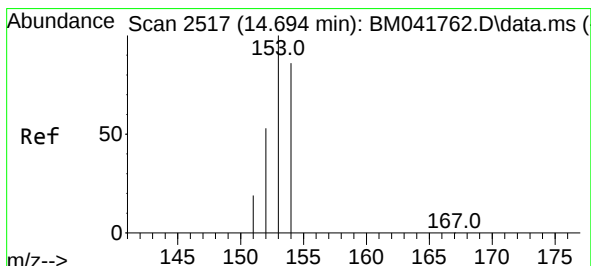
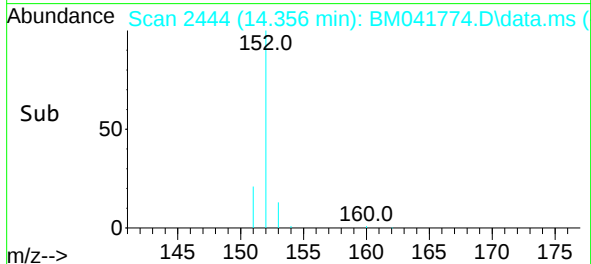
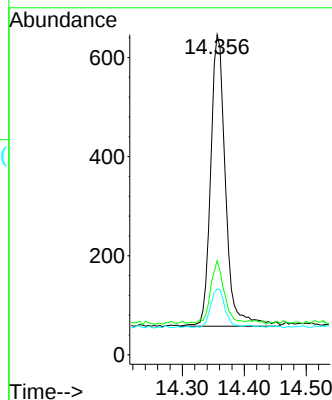
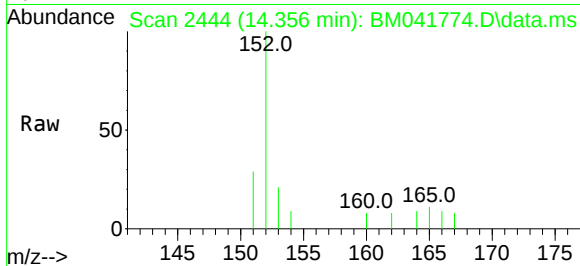




#10
Acenaphthylene
Concen: 0.458 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

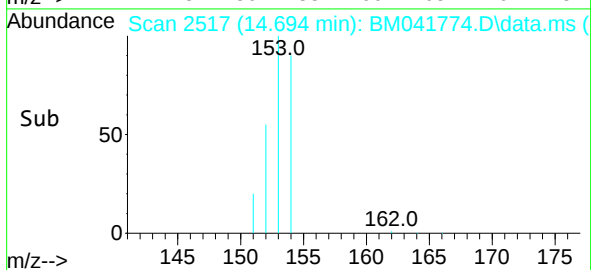
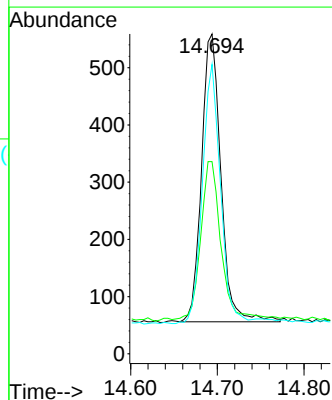
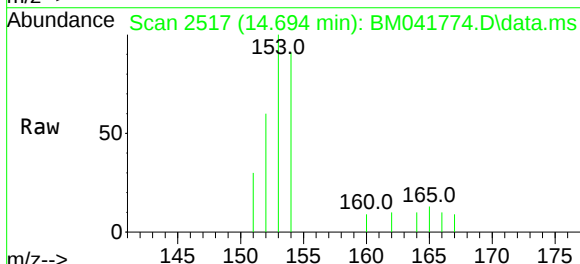
Instrument :
BNA_M
ClientSampleId :
SLCS288

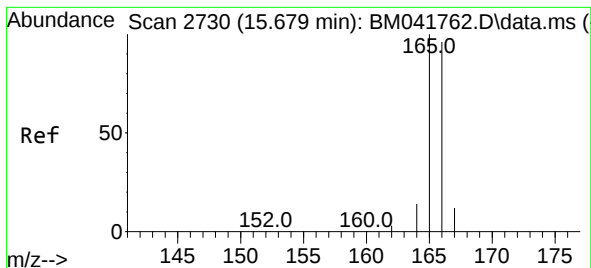
Tgt Ion:152 Resp: 979
Ion Ratio Lower Upper
152 100
151 29.4 16.4 24.6#
153 20.6 11.1 16.7#



#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Tgt Ion:153 Resp: 780
Ion Ratio Lower Upper
153 100
152 60.1 43.4 65.2
154 90.5 69.4 104.0





#12

Fluorene

Concen: 0.442 ng/ul

RT: 15.679 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041774.D

Acq: 10 Sep 2023 06:28

Instrument :

BNA_M

ClientSampleId :

SLCS288

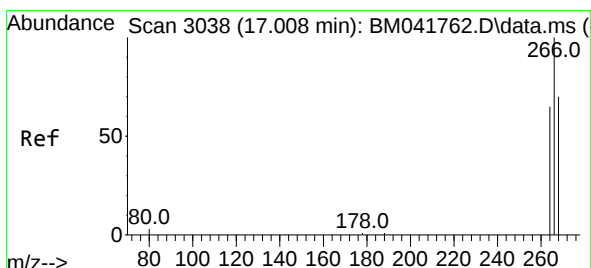
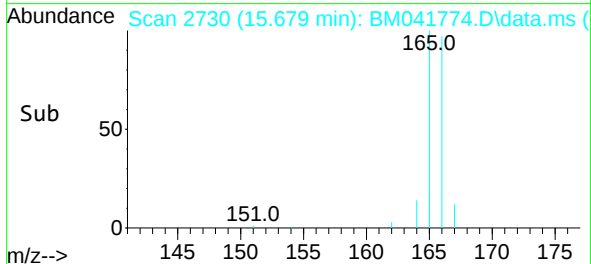
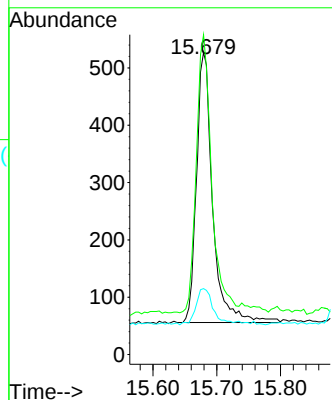
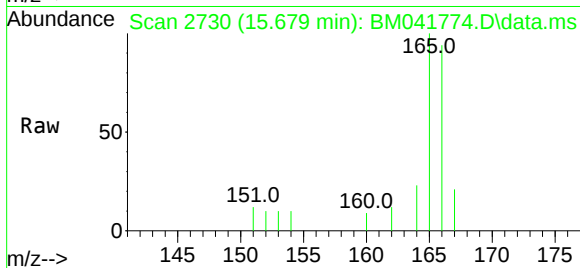
Tgt Ion:166 Resp: 824

Ion Ratio Lower Upper

166 100

165 105.9 79.4 119.2

167 21.8 11.3 16.9#



#14

Pentachlorophenol

Concen: 0.724 ng/ul

RT: 17.004 min Scan# 3037

Delta R.T. 0.000 min

Lab File: BM041774.D

Acq: 10 Sep 2023 06:28

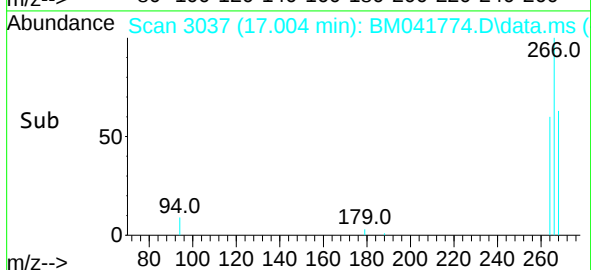
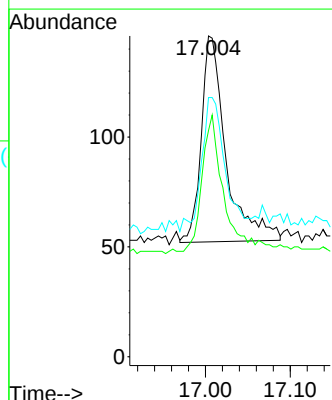
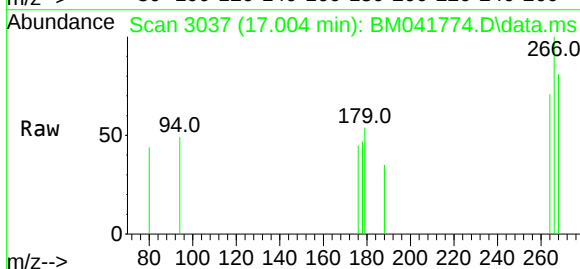
Tgt Ion:266 Resp: 190

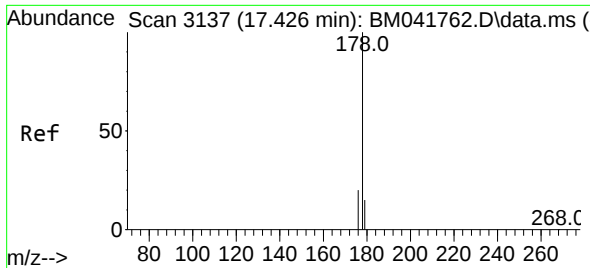
Ion Ratio Lower Upper

266 100

264 57.9 50.0 75.0

268 62.6 50.8 76.2

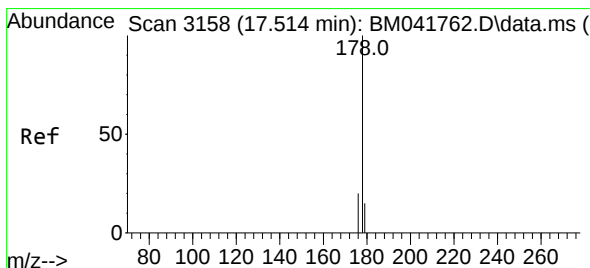
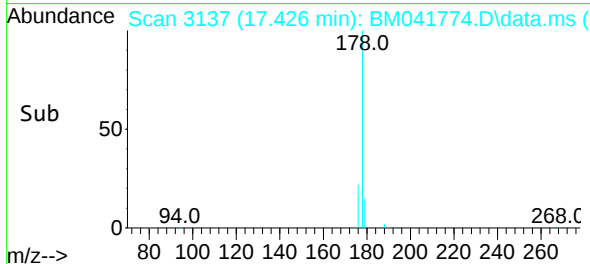
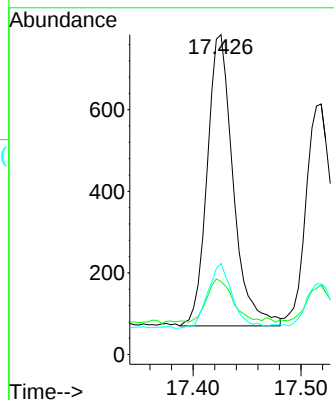
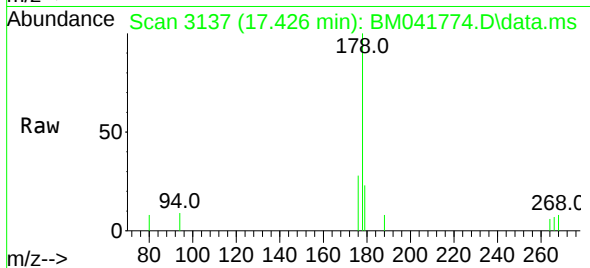




#15
 Phenanthrene
 Concen: 0.433 ng/u1
 RT: 17.426 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM041774.D
 Acq: 10 Sep 2023 06:28

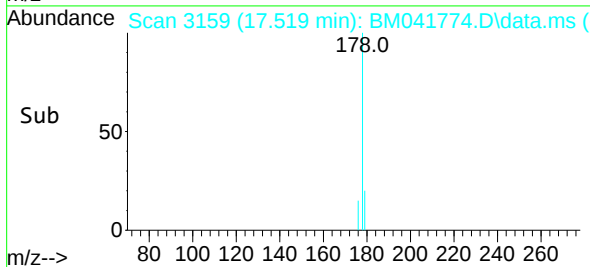
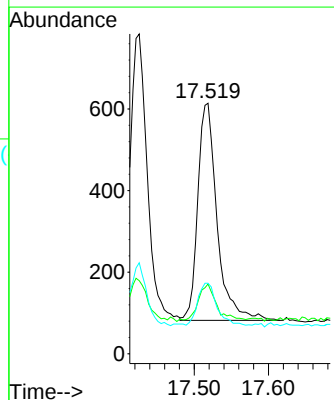
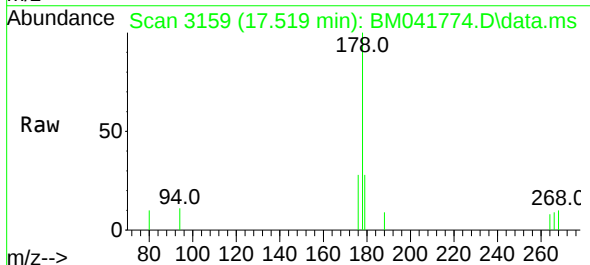
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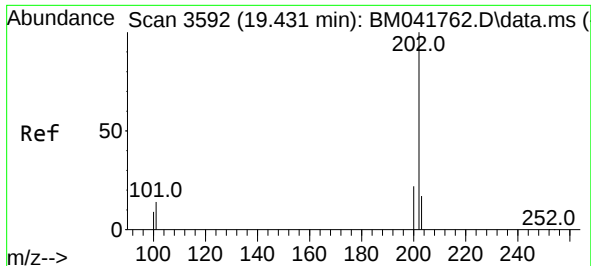
Tgt Ion:178 Resp: 1198
 Ion Ratio Lower Upper
 178 100
 179 22.8 12.9 19.3#
 176 28.4 16.9 25.3#



#16
 Anthracene
 Concen: 0.405 ng/u1
 RT: 17.519 min Scan# 3159
 Delta R.T. 0.004 min
 Lab File: BM041774.D
 Acq: 10 Sep 2023 06:28

Tgt Ion:178 Resp: 962
 Ion Ratio Lower Upper
 178 100
 179 27.9 12.9 19.3#
 176 28.2 15.8 23.8#





#19

Fluoranthene

Concen: 0.433 ng/ul

RT: 19.431 min Scan# 3592

Delta R.T. 0.000 min

Lab File: BM041774.D

Acq: 10 Sep 2023 06:28

Instrument :

BNA_M

ClientSampleId :

SLCS288

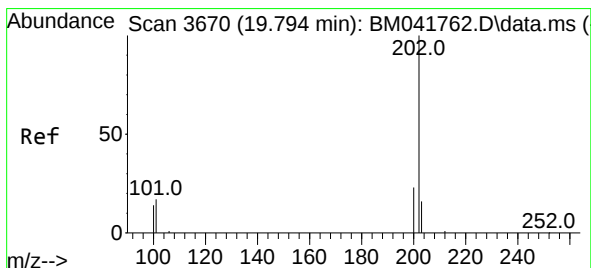
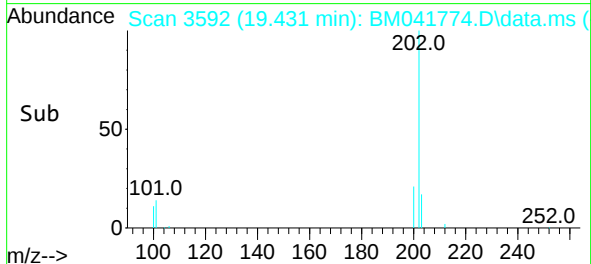
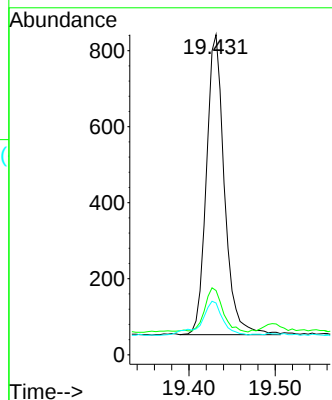
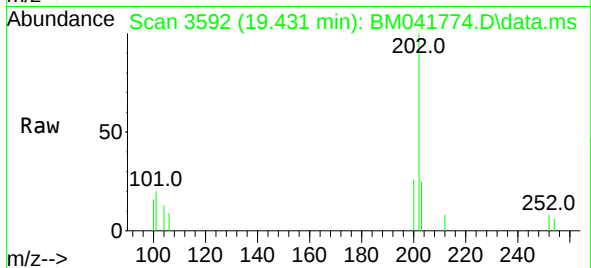
Tgt Ion:202 Resp: 1145

Ion Ratio Lower Upper

202 100

101 20.1 10.5 15.7#

100 16.2 8.4 12.6#



#20

Pyrene

Concen: 0.445 ng/ul

RT: 19.794 min Scan# 3670

Delta R.T. -0.005 min

Lab File: BM041774.D

Acq: 10 Sep 2023 06:28

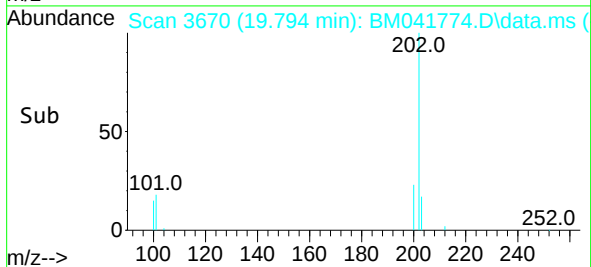
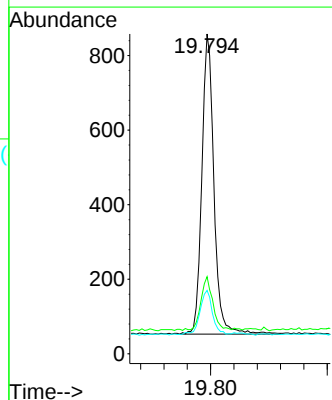
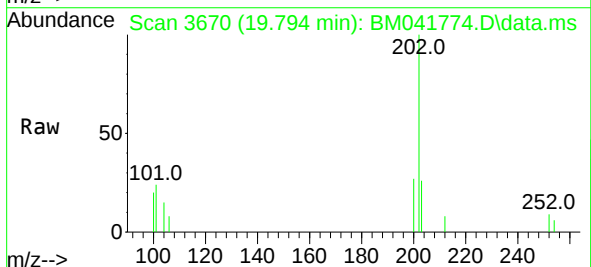
Tgt Ion:202 Resp: 1169

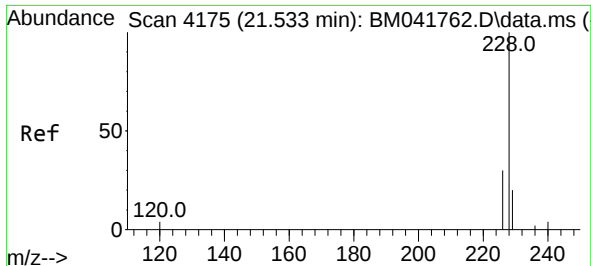
Ion Ratio Lower Upper

202 100

101 24.1 11.8 17.8#

100 19.8 9.8 14.6#

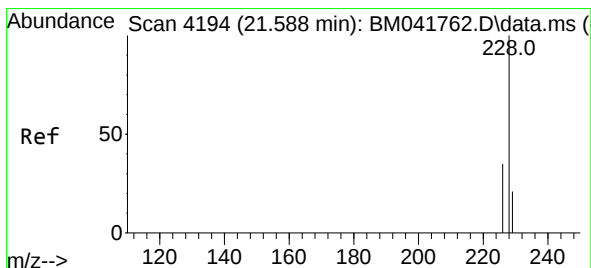
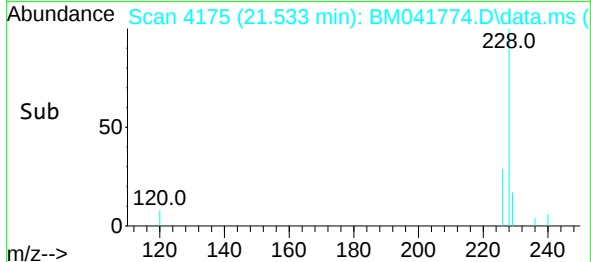
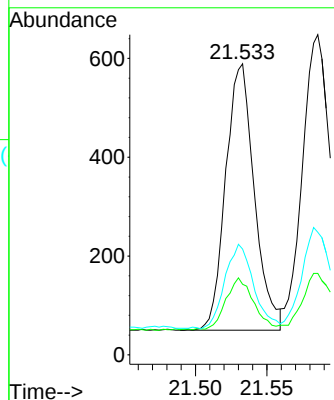
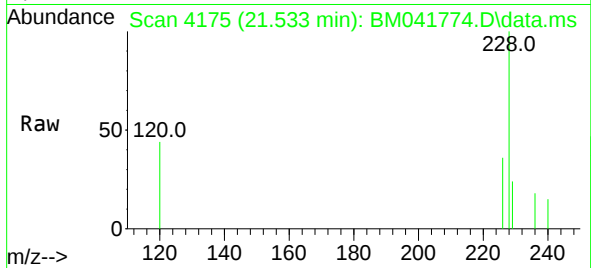




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

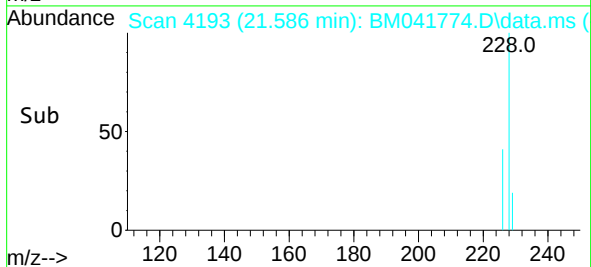
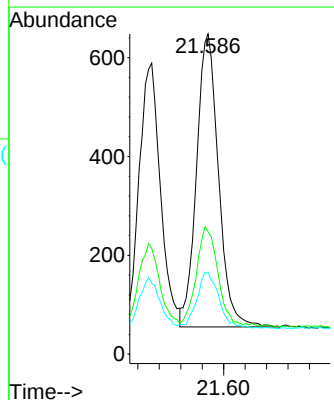
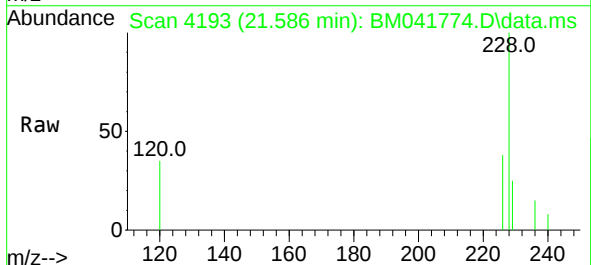
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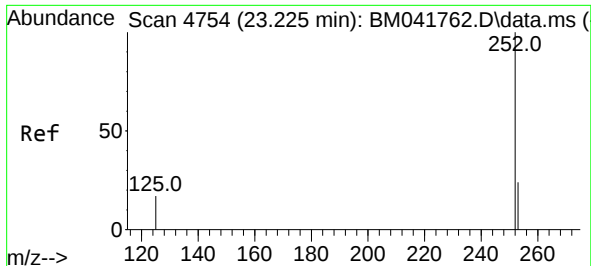
Tgt Ion:228 Resp: 753
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.6#
226 36.3 24.8 37.2



#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.586 min Scan# 4193
Delta R.T. 0.000 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Tgt Ion:228 Resp: 843
Ion Ratio Lower Upper
228 100
226 38.3 27.0 40.6
229 25.5 15.4 23.2#

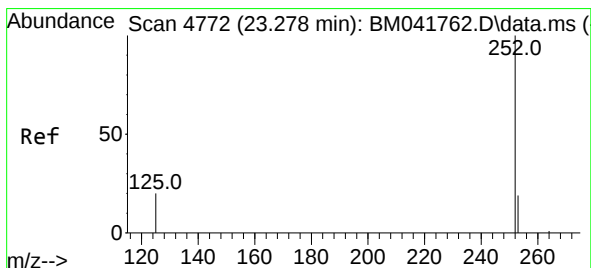
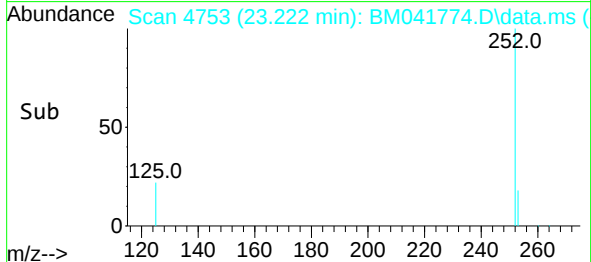
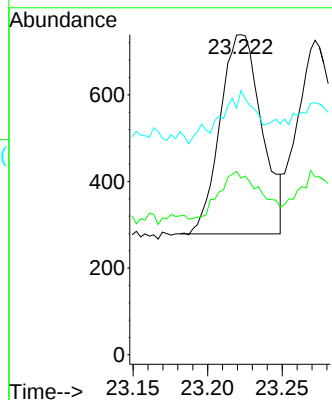
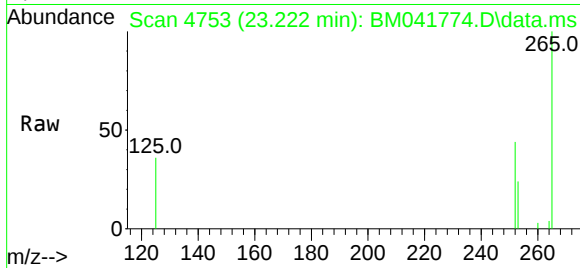




#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.222 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

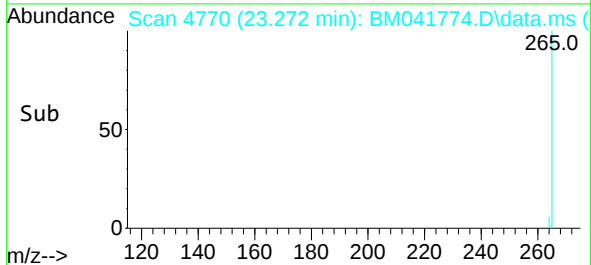
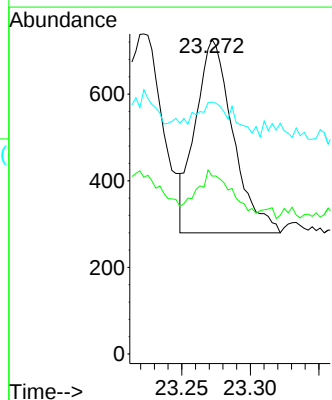
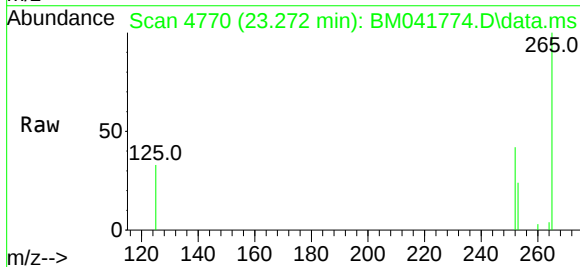
Instrument :
BNA_M
ClientSampleId :
SLCS288

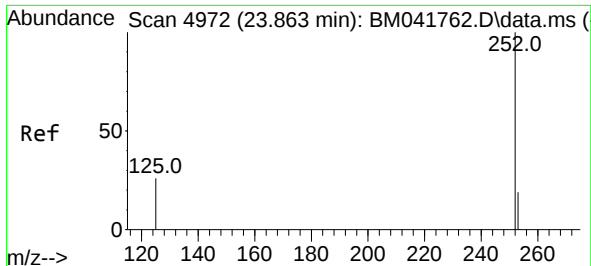
Tgt Ion:252 Resp: 897
Ion Ratio Lower Upper
252 100
253 55.2 0.0 52.4#
125 82.5 0.0 42.8#



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Tgt Ion:252 Resp: 851
Ion Ratio Lower Upper
252 100
253 56.6 21.3 31.9#
125 80.2 17.4 26.0#

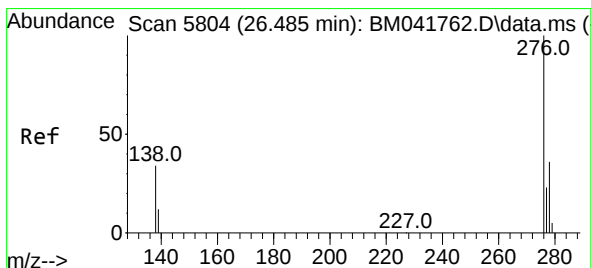
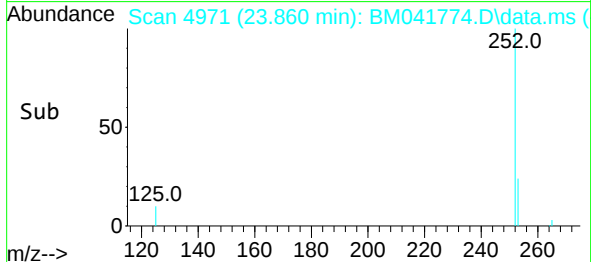
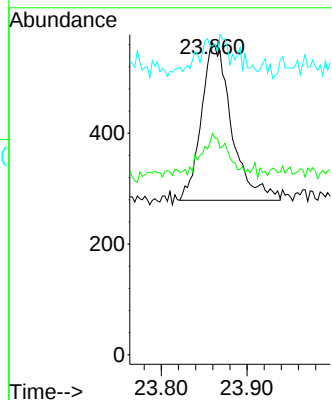
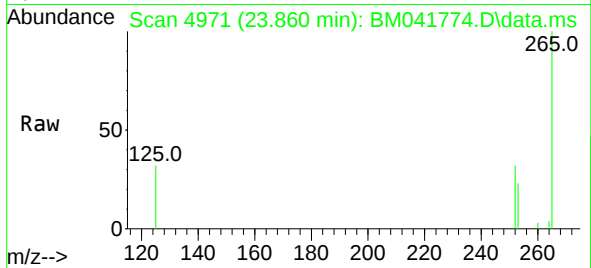




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.860 min Scan# 4972
Delta R.T. -0.003 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

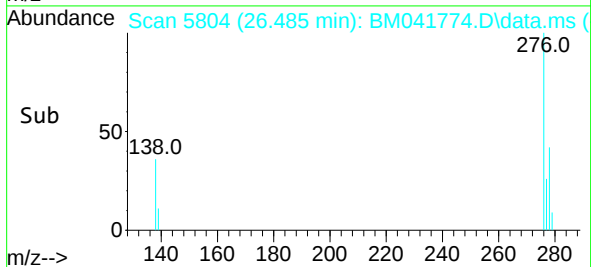
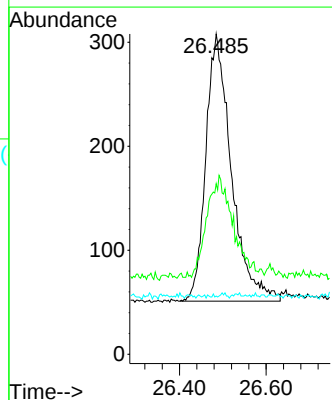
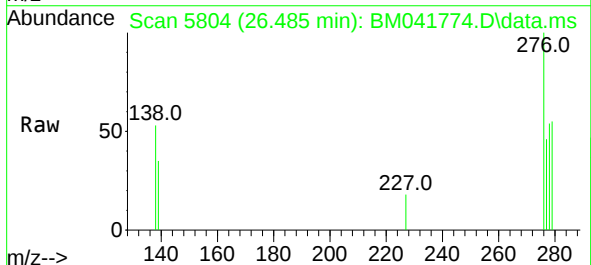
Instrument :
BNA_M
ClientSampleId :
SLCS288

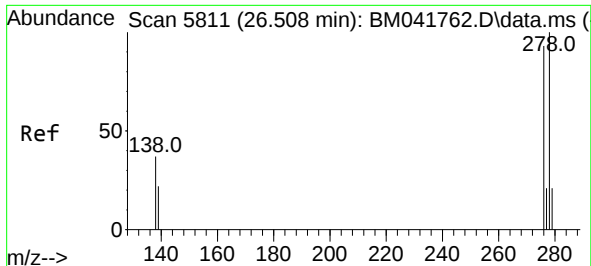
Tgt Ion:252 Resp: 699
Ion Ratio Lower Upper
252 100
253 71.0 22.4 33.6#
125 99.1 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.000 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

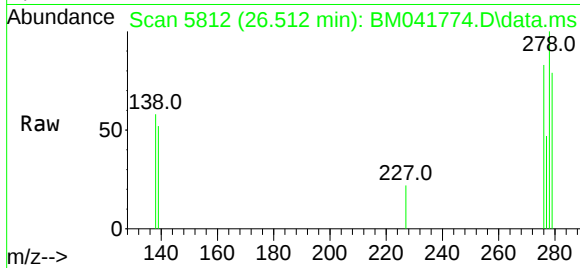
Tgt Ion:276 Resp: 1051
Ion Ratio Lower Upper
276 100
138 37.9 26.4 39.6
227 0.4 0.1 0.1#



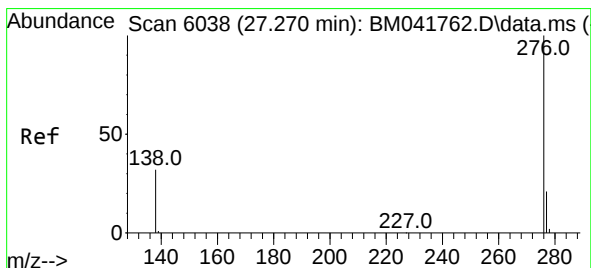
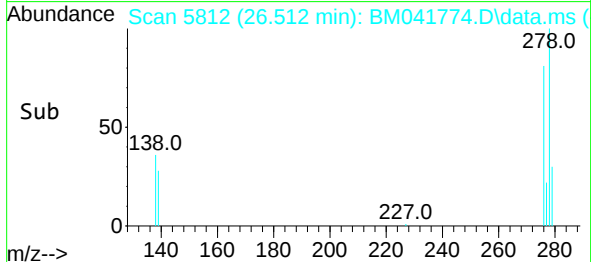
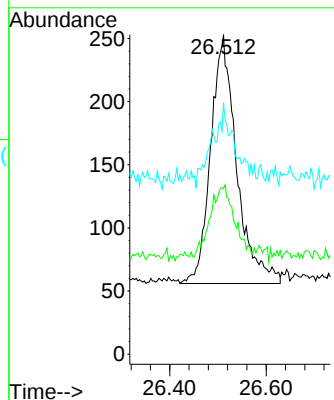


#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.512 min Scan# 5812
Delta R.T. 0.007 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Instrument :
BNA_M
ClientSampleId :
SLCS288



Tgt Ion:278 Resp: 735
Ion Ratio Lower Upper
278 100
139 51.8 23.0 34.6#
279 78.7 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.464 ng/ul
RT: 27.263 min Scan# 6036
Delta R.T. -0.003 min
Lab File: BM041774.D
Acq: 10 Sep 2023 06:28

Tgt Ion:276 Resp: 984
Ion Ratio Lower Upper
276 100
138 51.3 25.0 37.4#
277 43.9 20.2 30.2#

