

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041751.D
 Acq On : 09 Sep 2023 13:36
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4077

Quant Time: Sep 09 23:24:37 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 : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

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

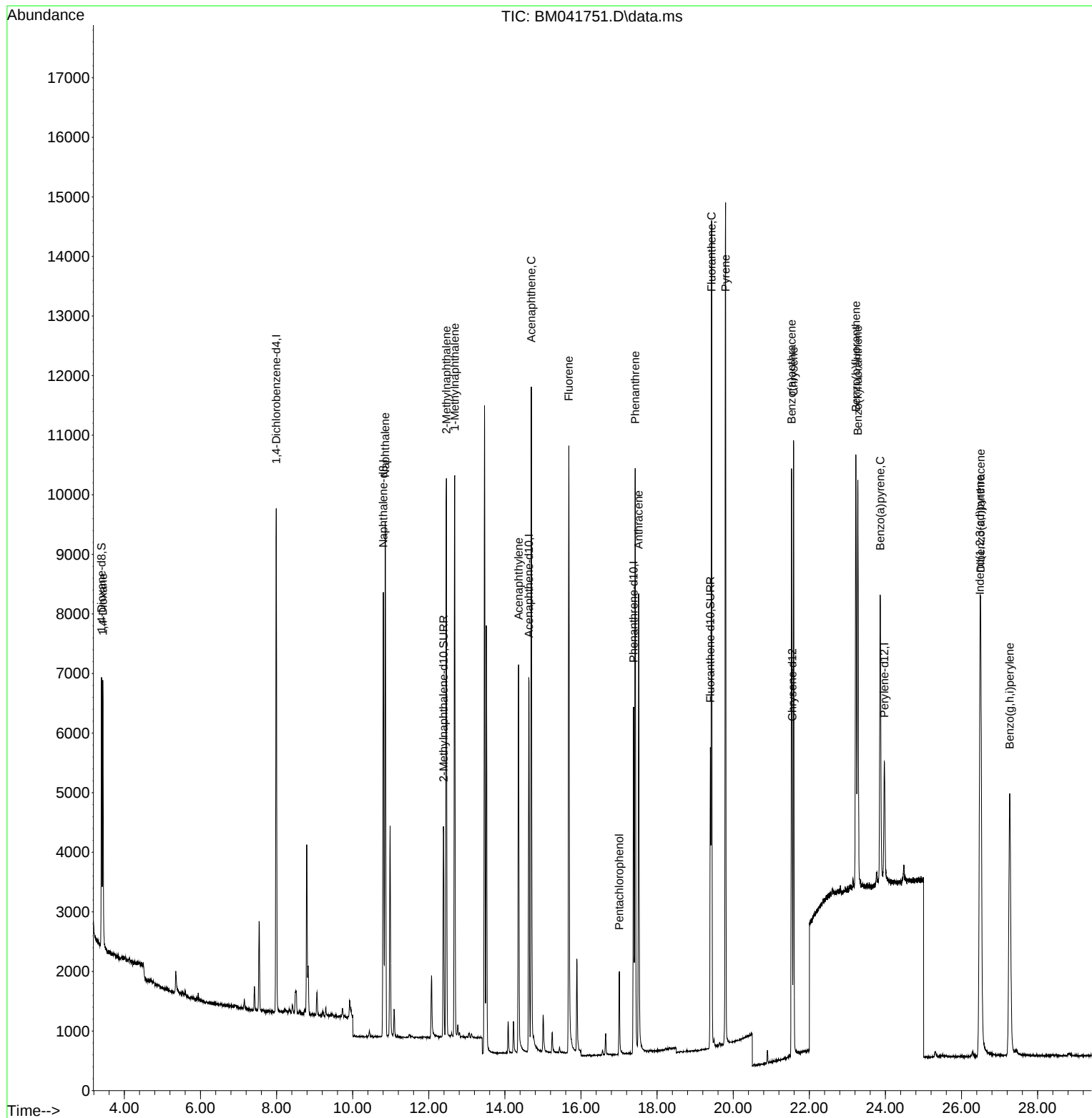
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	4107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	9159	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.634	164	3337	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	6494	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	2612	0.400	ng/ul	0.00
23) Perylene-d12	23.974	264	2849	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	2543	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	4332	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	4488	0.354	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.435	88	2623	0.402	ng/ul#	87
5) Naphthalene	10.856	128	11648	0.387	ng/ul	100
7) 2-Methylnaphthalene	12.462	142	6488	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	6451	0.376	ng/ul	100
10) Acenaphthylene	14.361	152	8245	0.400	ng/ul	100
11) Acenaphthene	14.694	153	6424	0.401	ng/ul	99
12) Fluorene	15.679	166	7080	0.394	ng/ul	99
14) Pentachlorophenol	17.004	266	974	0.375	ng/ul	99
15) Phenanthrene	17.426	178	10880	0.397	ng/ul	100
16) Anthracene	17.514	178	9146	0.389	ng/ul	98
19) Fluoranthene	19.431	202	11204	0.363	ng/ul	97
20) Pyrene	19.798	202	11420	0.373	ng/ul	97
21) Benzo(a)anthracene	21.533	228	8041	0.377	ng/ul	100
22) Chrysene	21.585	228	8747	0.381	ng/ul	98
24) Benzo(b)fluoranthene	23.225	252	9678	0.380	ng/ul	97
25) Benzo(k)fluoranthene	23.275	252	8905	0.357	ng/ul	96
26) Benzo(a)pyrene	23.863	252	7665	0.370	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.485	276	11390	0.401	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.505	278	8137	0.408	ng/ul	99
29) Benzo(g,h,i)perylene	27.266	276	10081	0.400	ng/ul	97

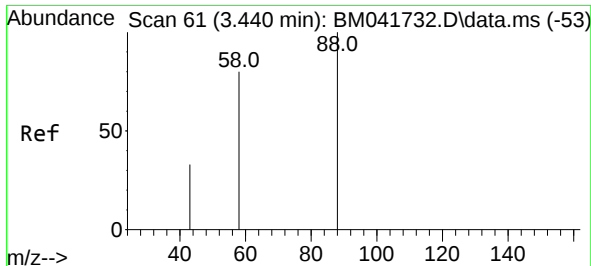
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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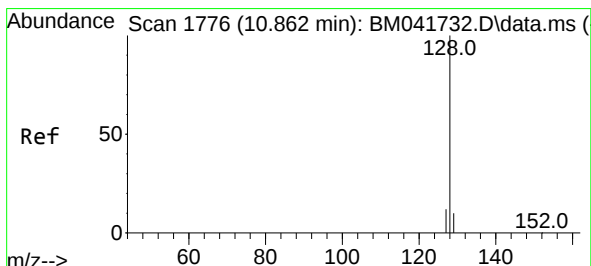
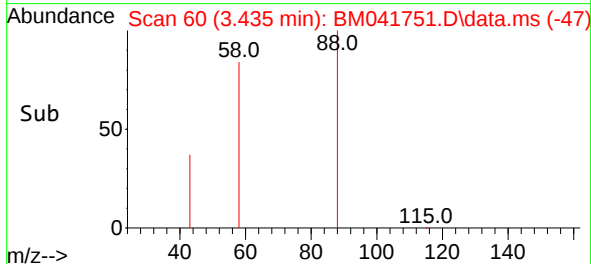
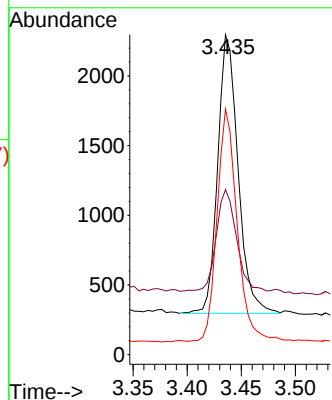
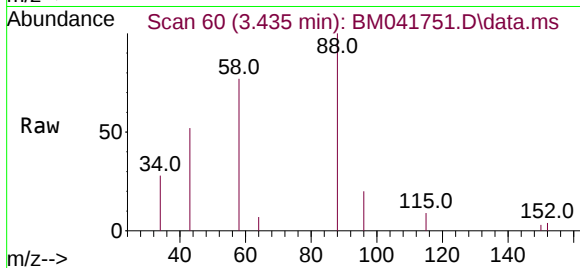




#2
1,4-Dioxane
Concen: 0.402 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. -0.004 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

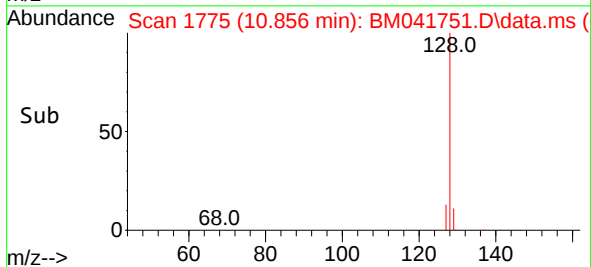
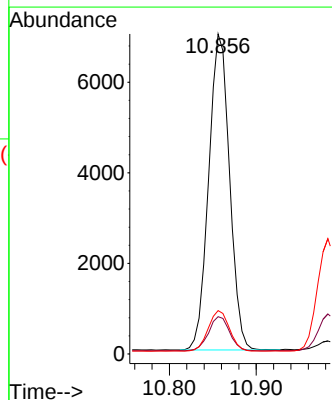
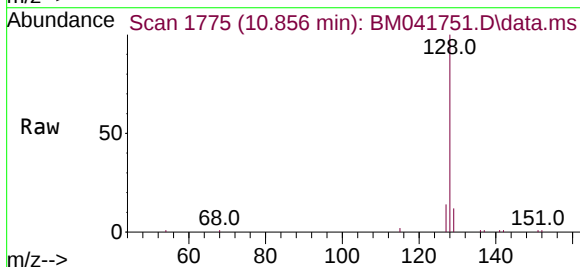
Instrument :
BNA_M
ClientSampleId :
SSTD0.4077

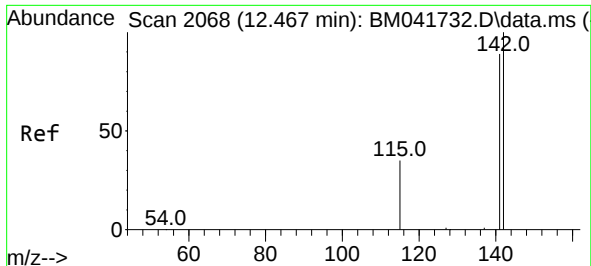
Tgt Ion: 88 Resp: 2623
Ion Ratio Lower Upper
88 100
43 51.6 33.8 50.6#
58 76.7 54.2 81.2



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion: 128 Resp: 11648
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6

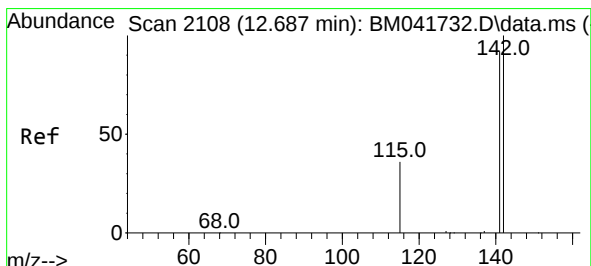
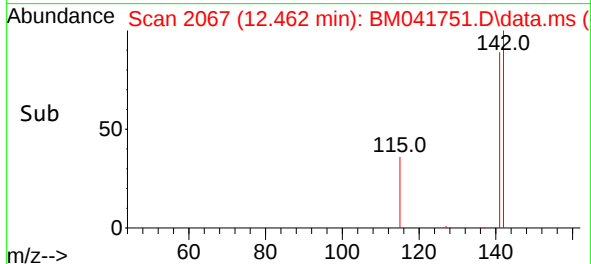
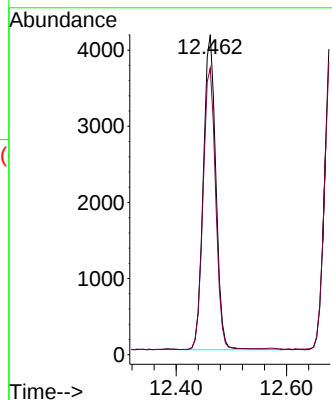
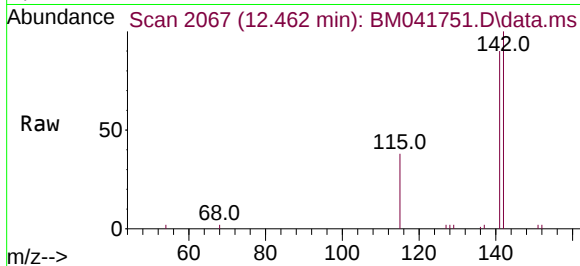




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.462 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

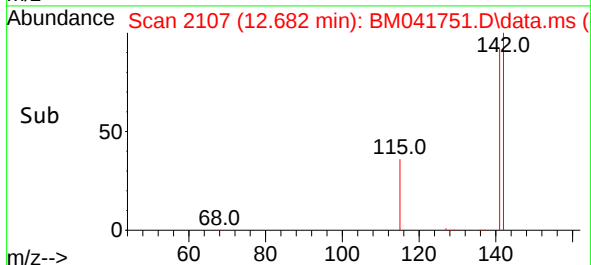
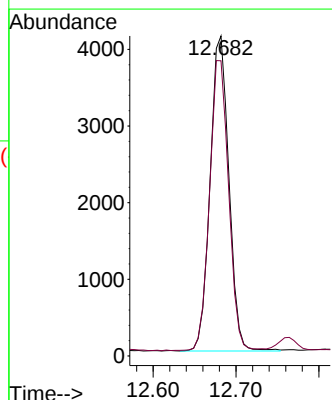
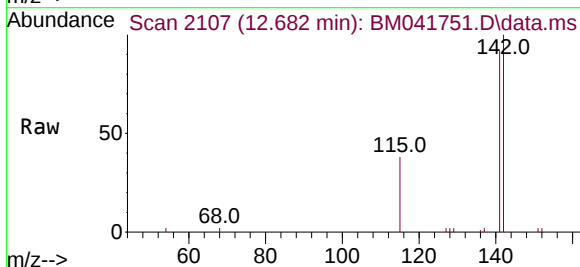
Instrument :
BNA_M
ClientSampleId :
SSTD0.4077

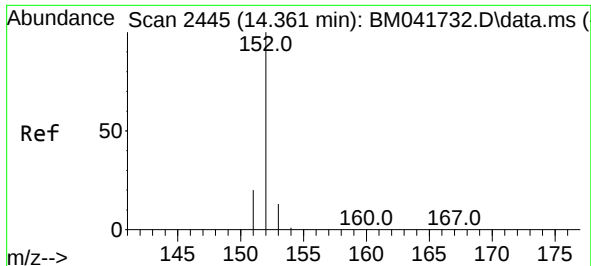
Tgt Ion:142 Resp: 6488
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion:142 Resp: 6451
Ion Ratio Lower Upper
142 100
141 93.3 74.4 111.6

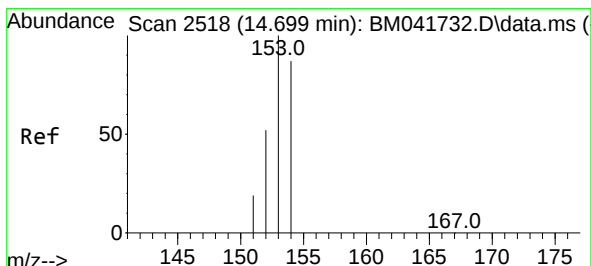
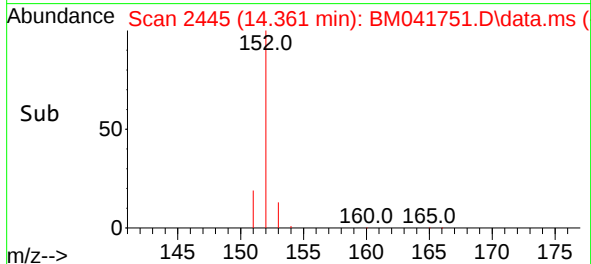
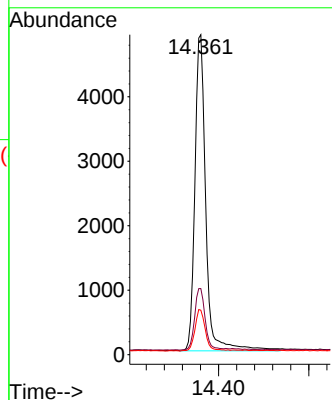
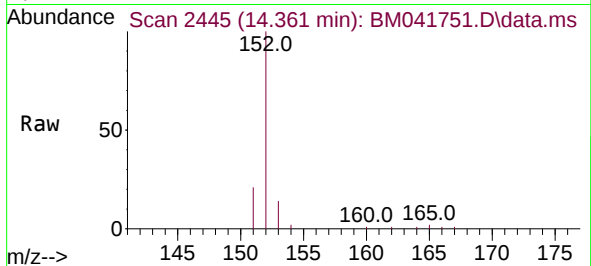




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

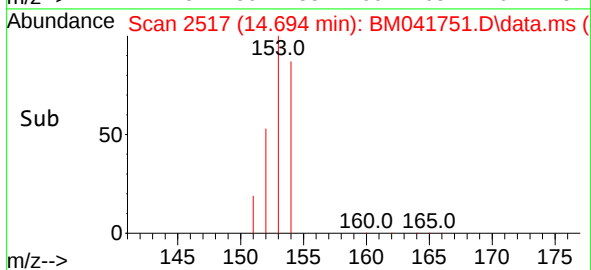
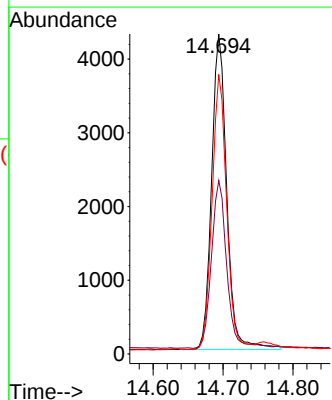
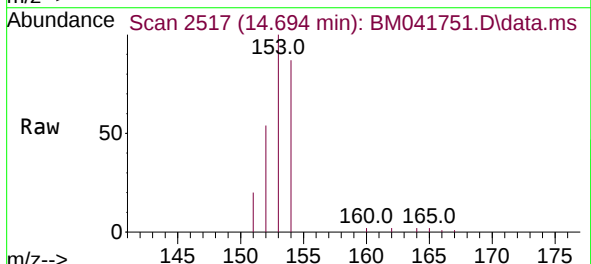
Instrument :
BNA_M
ClientSampleId :
SSTD0.4077

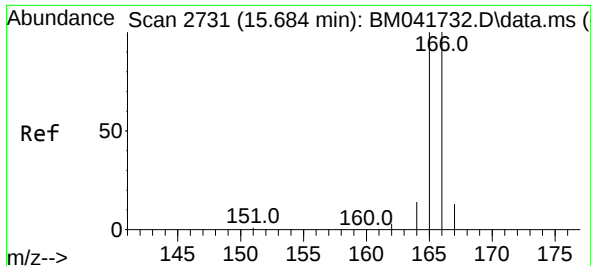
Tgt Ion:	152	Resp:	8245
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.9	11.1	16.7



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. -0.009 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion:	153	Resp:	6424
Ion Ratio	Lower	Upper	
153	100		
152	54.2	43.4	65.2
154	87.4	69.4	104.0

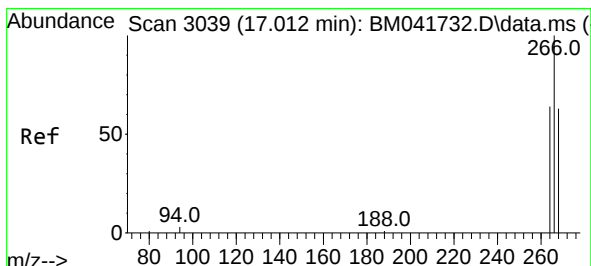
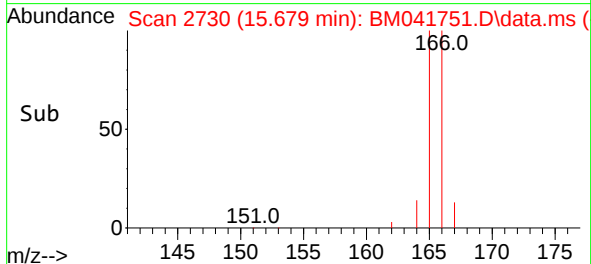
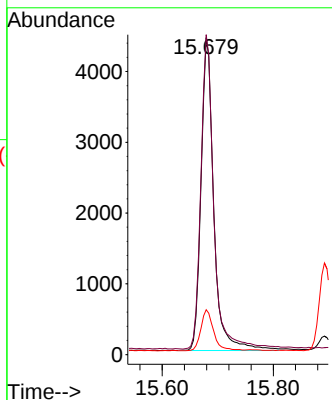
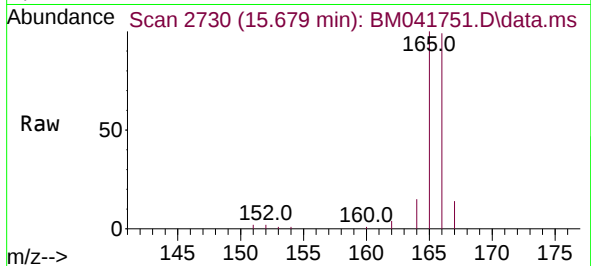




#12
 Fluorene
 Concen: 0.394 ng/ul
 RT: 15.679 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM041751.D
 Acq: 09 Sep 2023 13:36

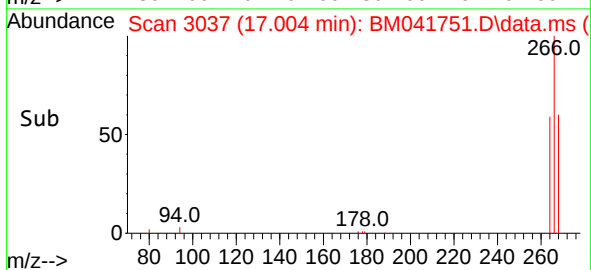
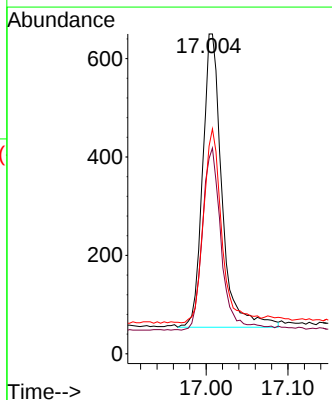
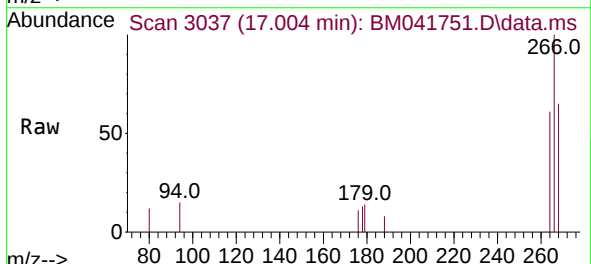
Instrument :
 BNA_M
 ClientSampleId :
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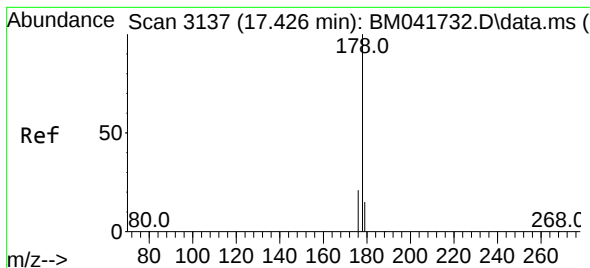
Tgt Ion:166 Resp: 7080
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.4 119.2
 167 14.2 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.375 ng/ul
 RT: 17.004 min Scan# 3037
 Delta R.T. -0.008 min
 Lab File: BM041751.D
 Acq: 09 Sep 2023 13:36

Tgt Ion:266 Resp: 974
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.0 75.0
 268 62.6 50.8 76.2





#15

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.426 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BM041751.D

Acq: 09 Sep 2023 13:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.4077

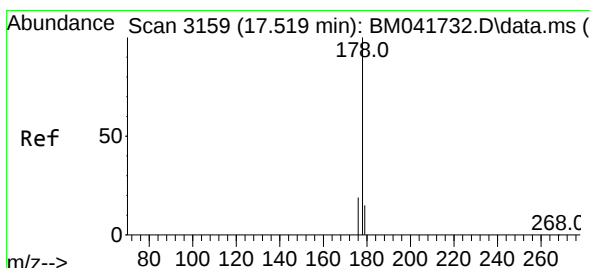
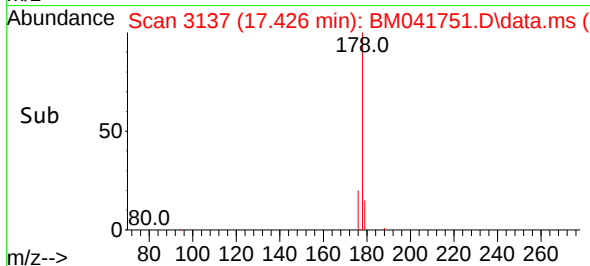
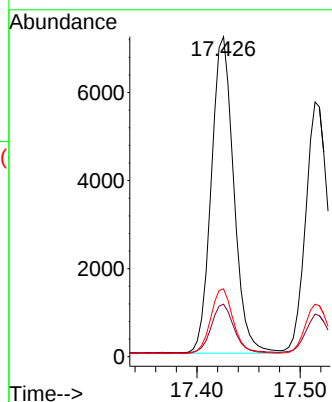
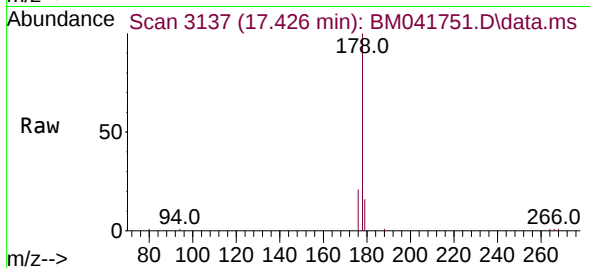
Tgt Ion:178 Resp: 10880

Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 21.2 16.9 25.3



#16

Anthracene

Concen: 0.389 ng/ul

RT: 17.514 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BM041751.D

Acq: 09 Sep 2023 13:36

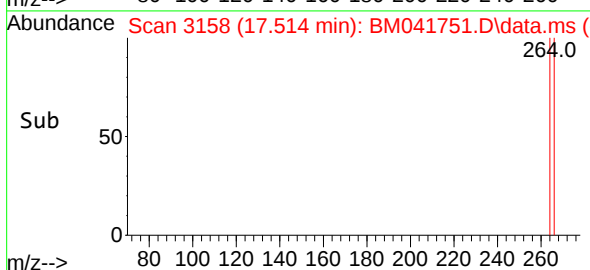
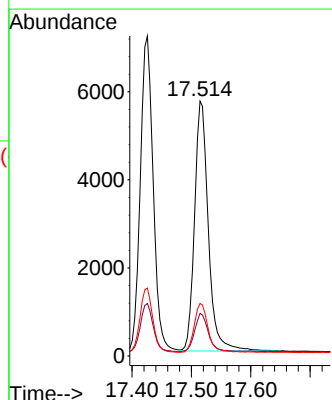
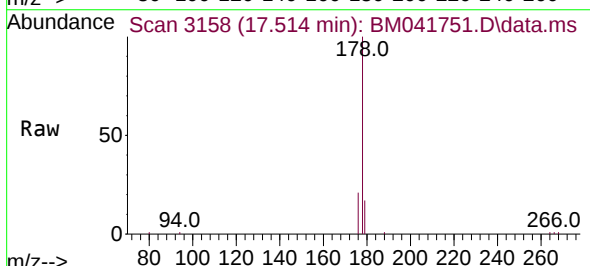
Tgt Ion:178 Resp: 9146

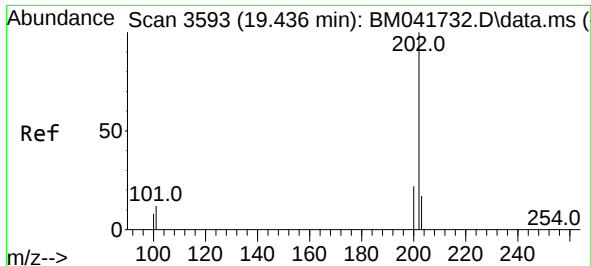
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 20.6 15.8 23.8

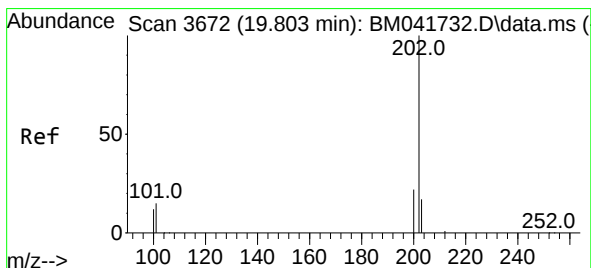
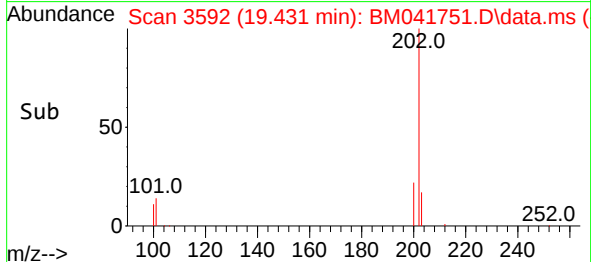
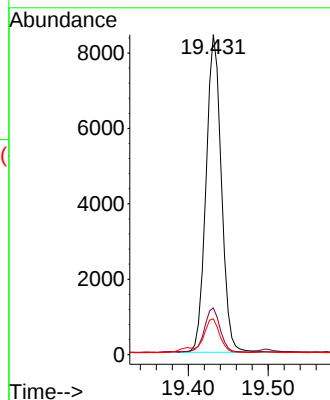
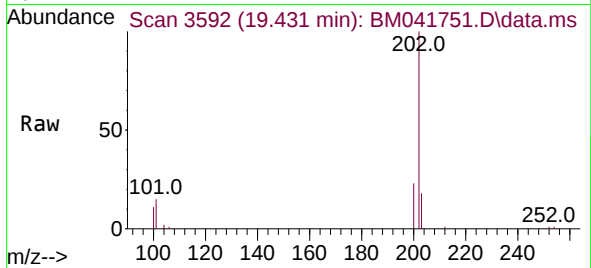




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

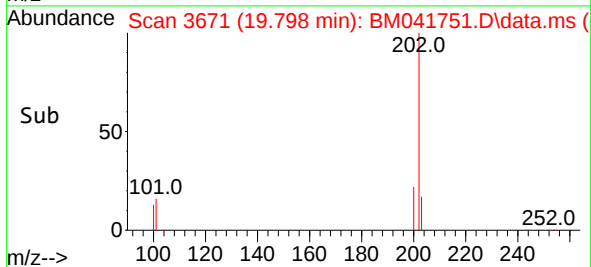
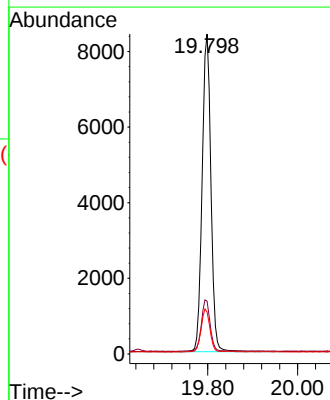
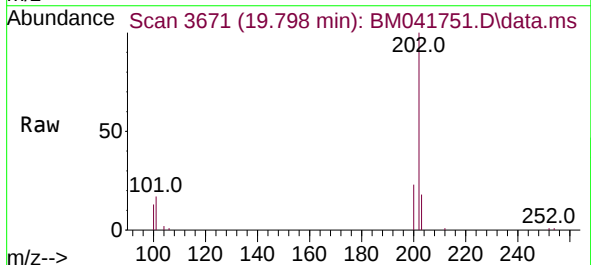
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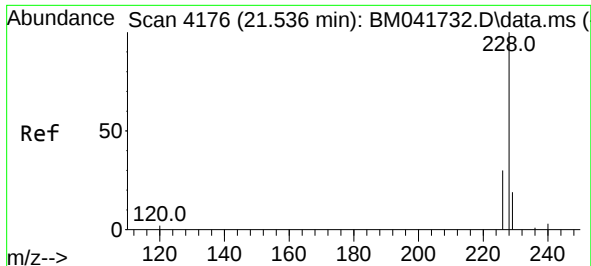
Tgt Ion:202 Resp: 11204
Ion Ratio Lower Upper
202 100
101 14.6 10.5 15.7
100 11.2 8.4 12.6



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion:202 Resp: 11420
Ion Ratio Lower Upper
202 100
101 16.5 11.8 17.8
100 13.1 9.8 14.6

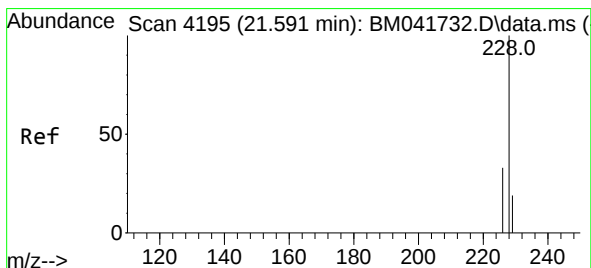
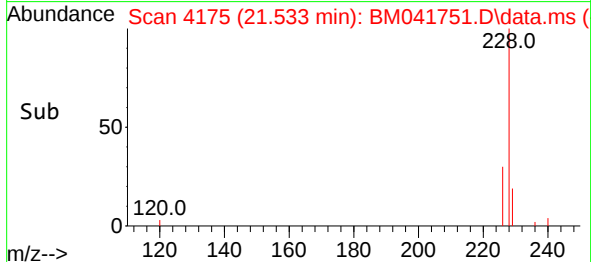
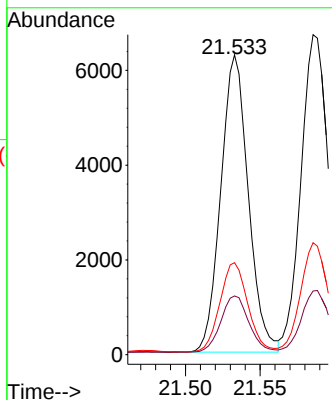
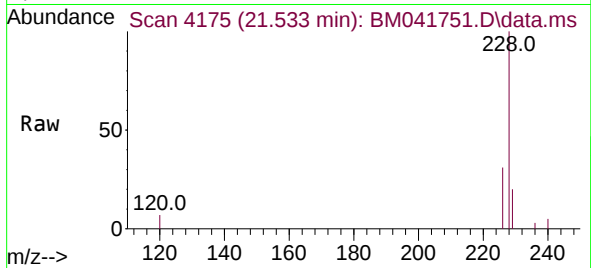




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

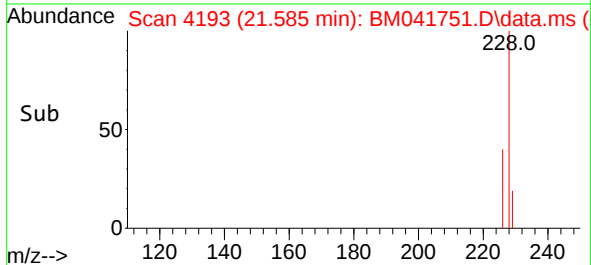
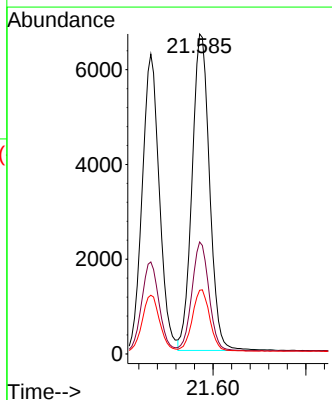
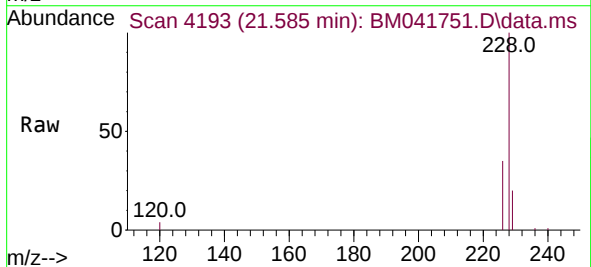
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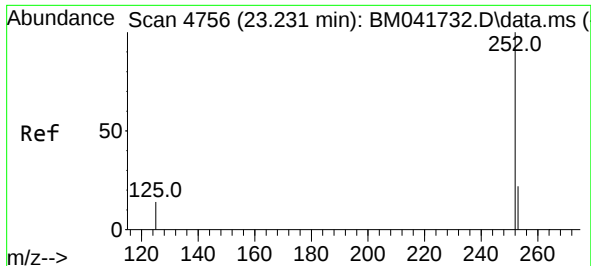
Tgt Ion:228 Resp: 8041
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 30.7 24.8 37.2



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.585 min Scan# 4193
Delta R.T. -0.006 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

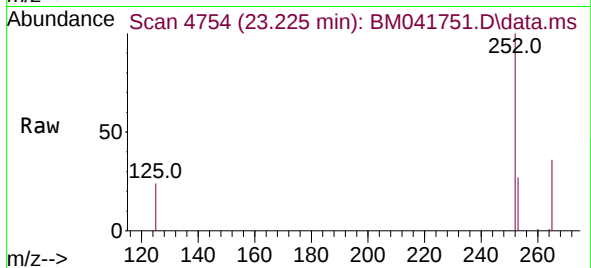
Tgt Ion:228 Resp: 8747
Ion Ratio Lower Upper
228 100
226 35.0 27.0 40.6
229 19.9 15.4 23.2



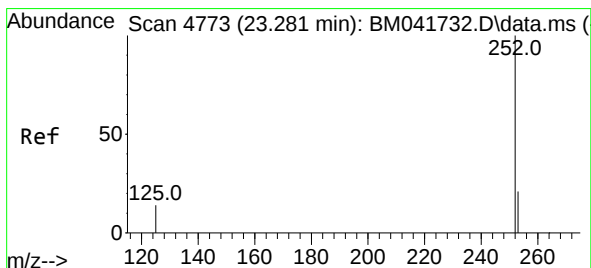
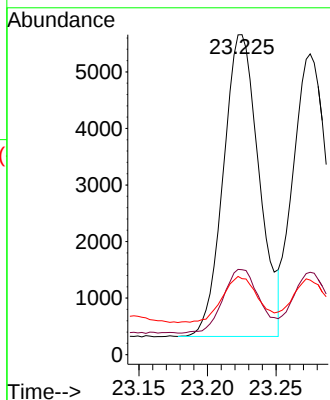


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. -0.006 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4077

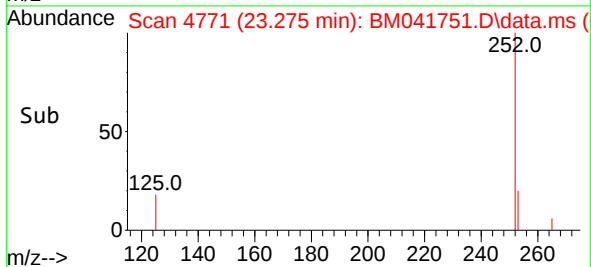
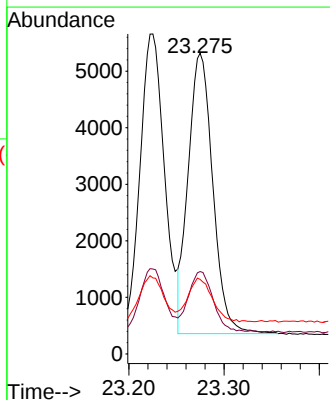
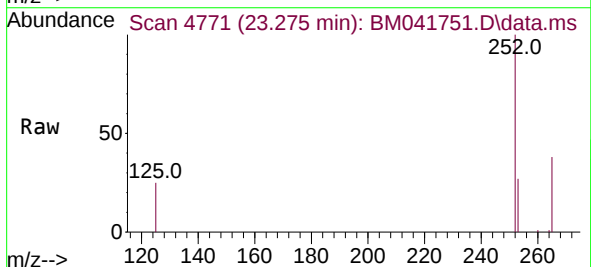


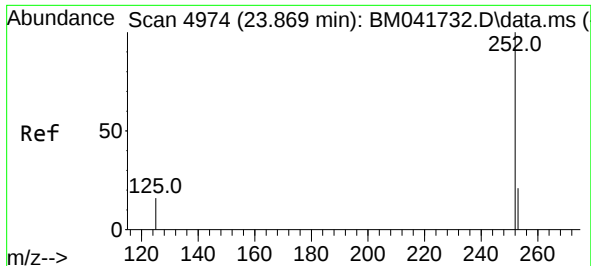
Tgt Ion:252 Resp: 9678
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.4
125 23.8 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.275 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion:252 Resp: 8905
Ion Ratio Lower Upper
252 100
253 27.4 21.3 31.9
125 24.8 17.4 26.0

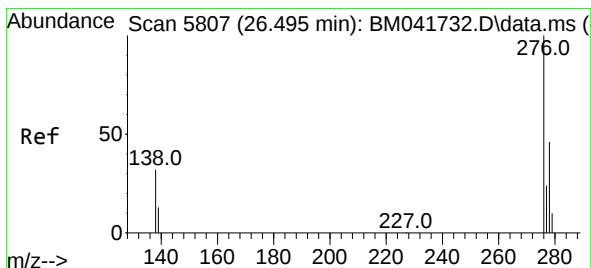
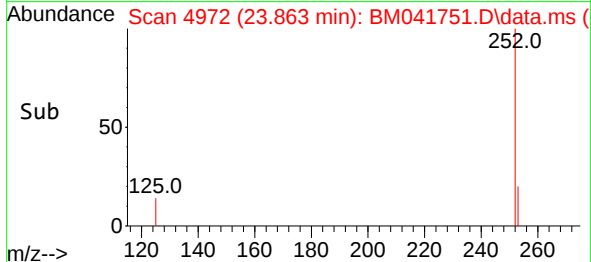
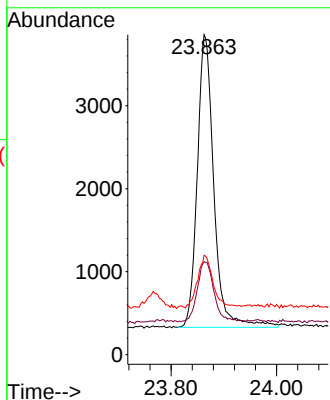
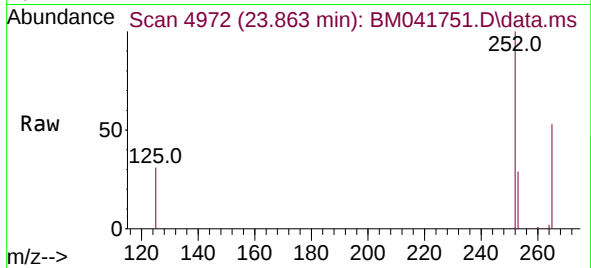




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.863 min Scan# 4972
Delta R.T. -0.012 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

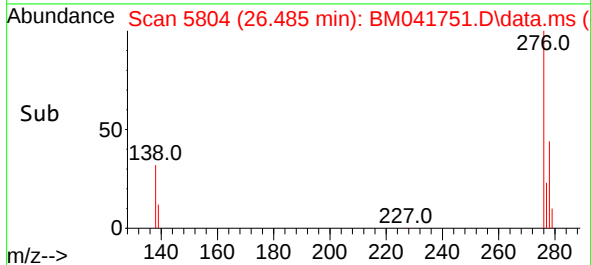
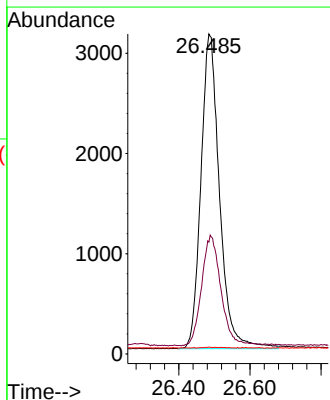
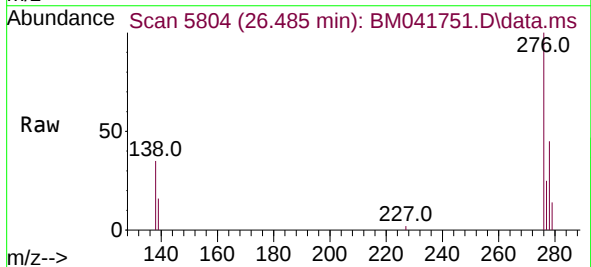
Instrument :
BNA_M
ClientSampleId :
SSTD0.4077

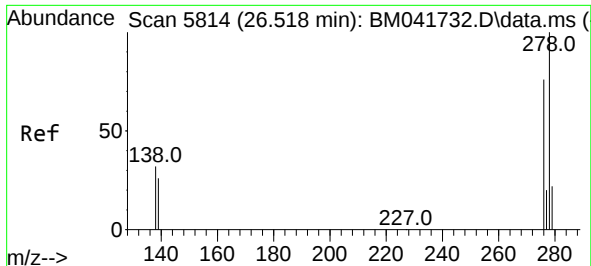
Tgt Ion:	252	Resp:	7665
Ion Ratio	Lower	Upper	
252	100		
253	29.0	22.4	33.6
125	31.1	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. -0.017 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion:	276	Resp:	11390
Ion Ratio	Lower	Upper	
276	100		
138	36.4	26.4	39.6
227	0.0	0.1	0.1

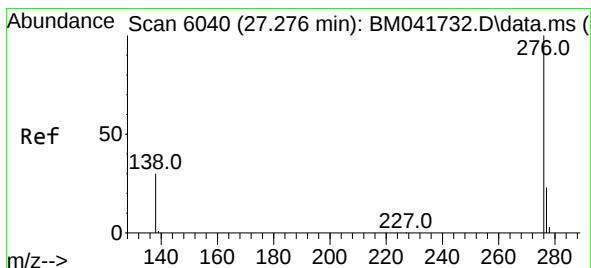
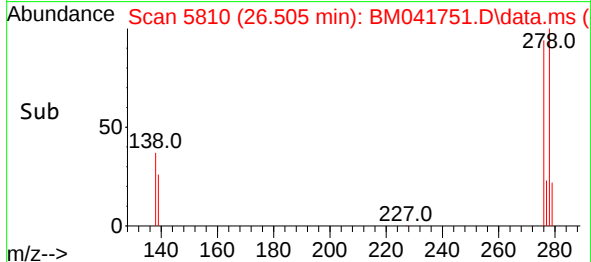
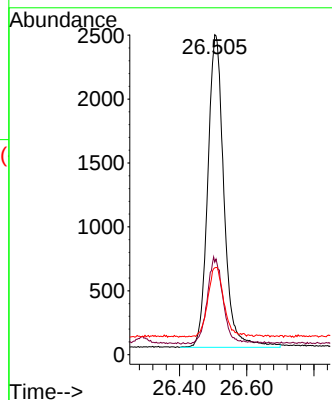
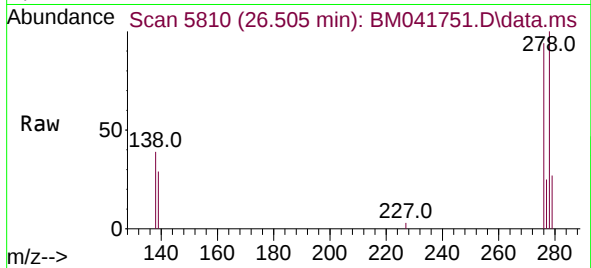




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.505 min Scan# 5810
Delta R.T. -0.017 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.4077

Tgt Ion:278 Resp: 8137
Ion Ratio Lower Upper
278 100
139 28.9 23.0 34.6
279 27.2 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.266 min Scan# 6037
Delta R.T. -0.020 min
Lab File: BM041751.D
Acq: 09 Sep 2023 13:36

Tgt Ion:276 Resp: 10081
Ion Ratio Lower Upper
276 100
138 33.6 25.0 37.4
277 25.8 20.2 30.2

