

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040727.D
 Acq On : 07 Jul 2023 23:59
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4161

Quant Time: Jul 08 05:11:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 10:22:24 2023
 Response via : Initial Calibration

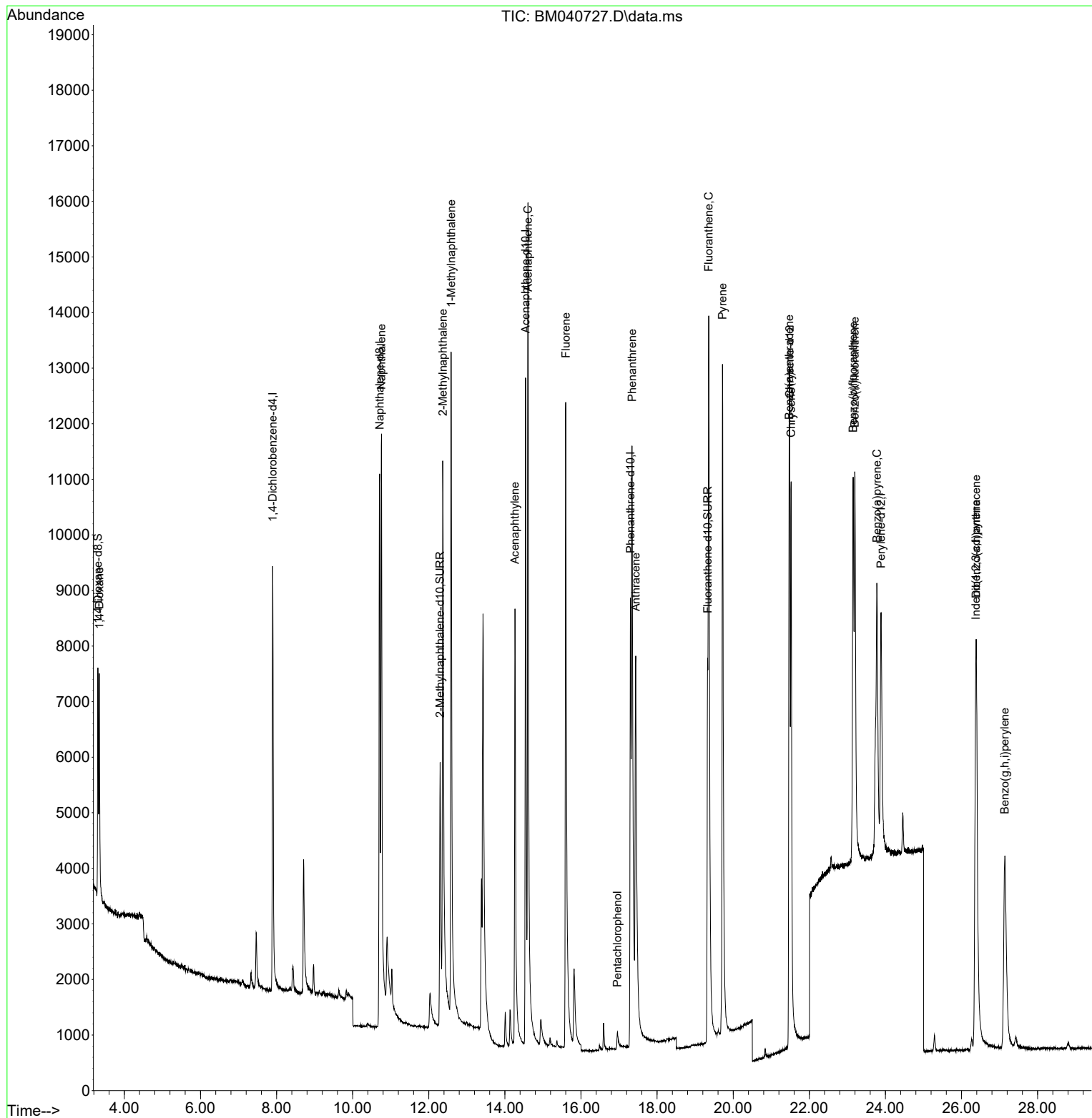
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	4822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.708	136	18271	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	8541	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	15081	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	9342	0.400	ng/ul	0.00
23) Perylene-d12	23.886	264	8148	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2950	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	9684	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	12720	0.425	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	2621	0.340	ng/ul#	92
5) Naphthalene	10.757	128	18620	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.368	142	10969	0.371	ng/ul	97
8) 1-Methylnaphthalene	12.588	142	10344	0.350	ng/ul	98
10) Acenaphthylene	14.264	152	13610	0.357	ng/ul	98
11) Acenaphthene	14.606	153	11618	0.361	ng/ul	98
12) Fluorene	15.601	166	12322	0.358	ng/ul	99
14) Pentachlorophenol	16.957	266	415	0.143	ng/ul#	86
15) Phenanthrene	17.341	178	16469	0.352	ng/ul	98
16) Anthracene	17.438	178	14309	0.363	ng/ul	97
19) Fluoranthene	19.357	202	15908	0.401	ng/ul	99
20) Pyrene	19.719	202	16392	0.385	ng/ul	98
21) Benzo(a)anthracene	21.469	228	11004	0.348	ng/ul	100
22) Chrysene	21.521	228	12263	0.340	ng/ul	99
24) Benzo(b)fluoranthene	23.152	252	11791	0.374	ng/ul	94
25) Benzo(k)fluoranthene	23.196	252	11831	0.381	ng/ul	94
26) Benzo(a)pyrene	23.778	252	10228	0.360	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.374	276	13151	0.332	ng/ul	95
28) Dibenzo(a,h)anthracene	26.387	278	10339	0.334	ng/ul	95
29) Benzo(g,h,i)perylene	27.135	276	11814	0.341	ng/ul	99

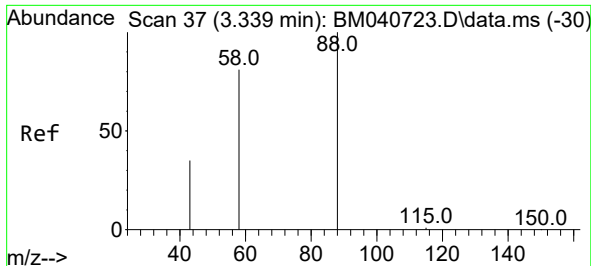
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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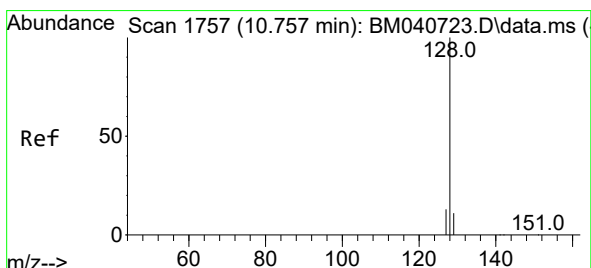
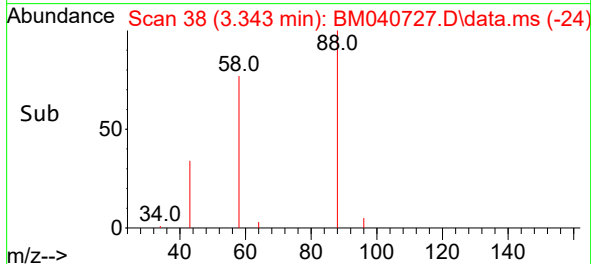
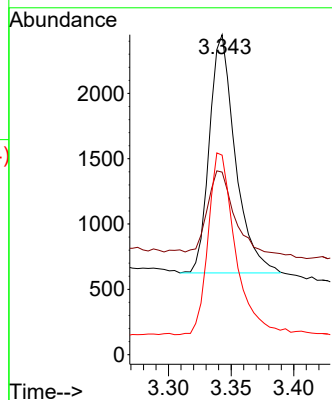
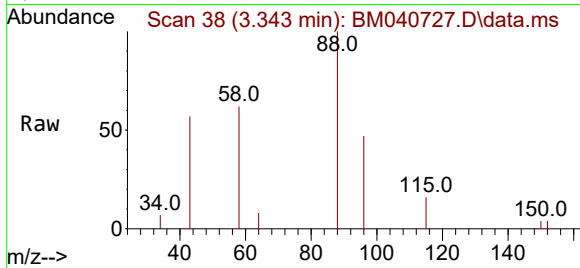




#2
1,4-Dioxane
Concen: 0.340 ng/ul
RT: 3.343 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

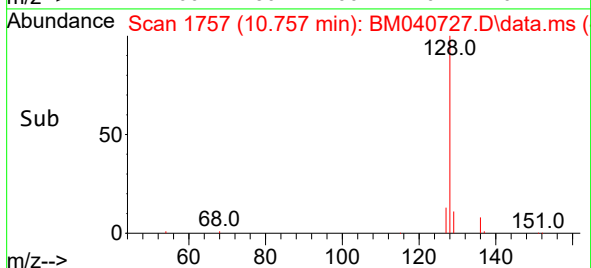
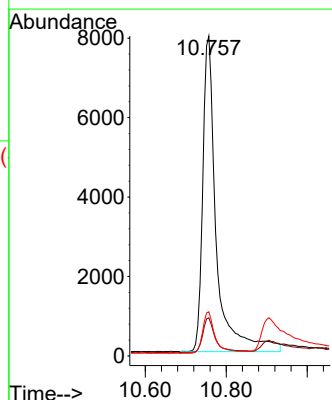
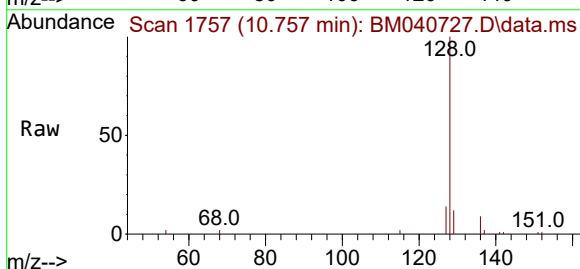
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

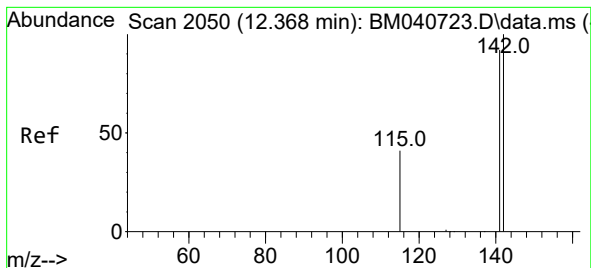
Tgt Ion: 88 Resp: 2621
Ion Ratio Lower Upper
88 100
43 57.0 36.1 54.1#
58 62.4 49.8 74.8



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.757 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion: 128 Resp: 18620
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.8 10.6 15.8

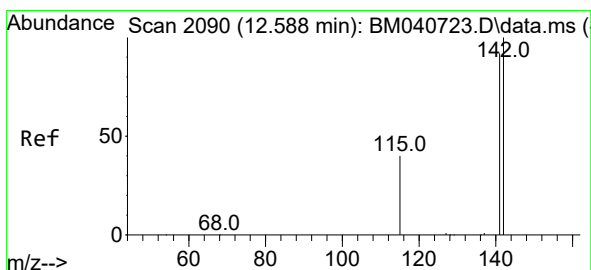
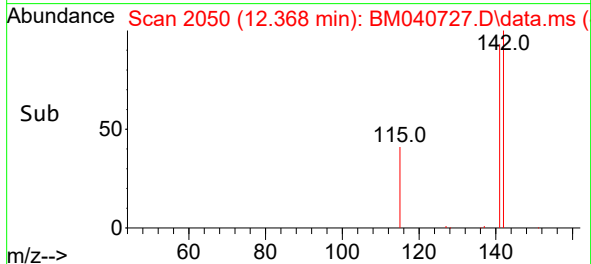
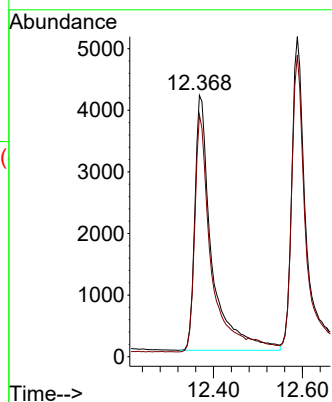
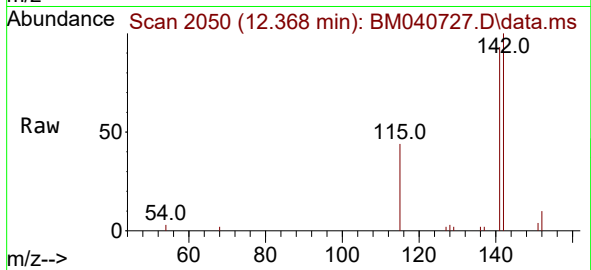




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

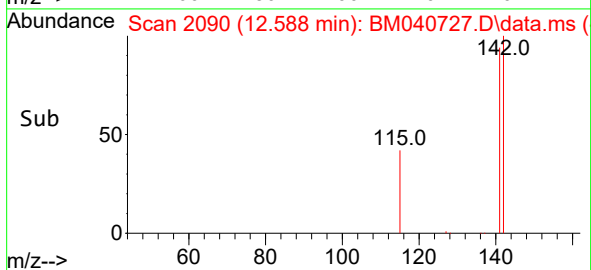
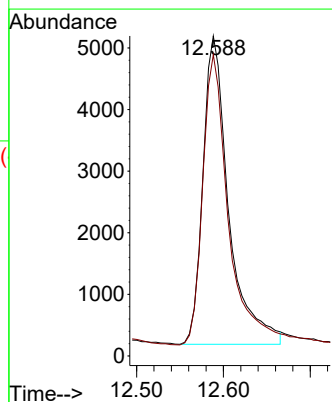
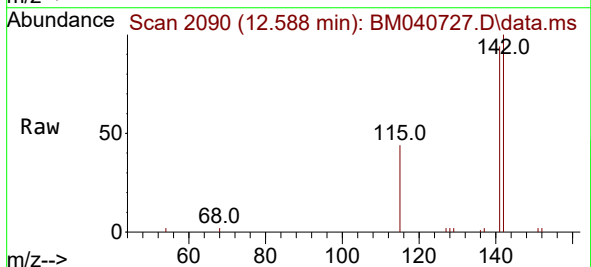
Instrument :
BNA_M
ClientSampleId :
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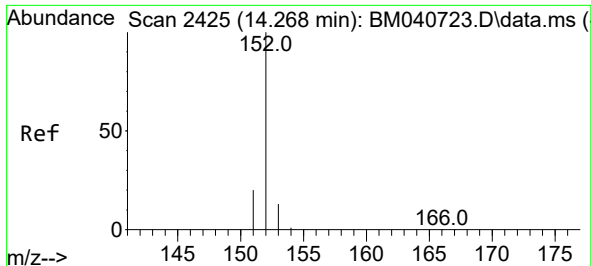
Tgt Ion:142 Resp: 10969
Ion Ratio Lower Upper
142 100
141 92.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion:142 Resp: 10344
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5

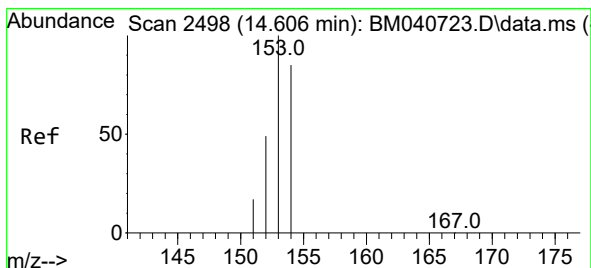
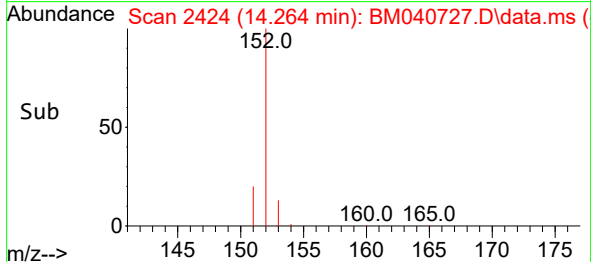
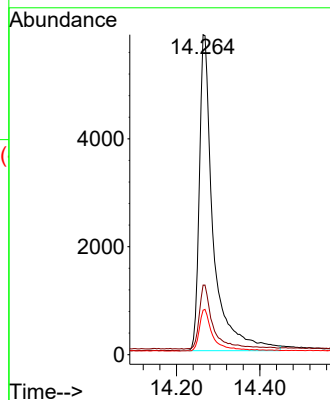
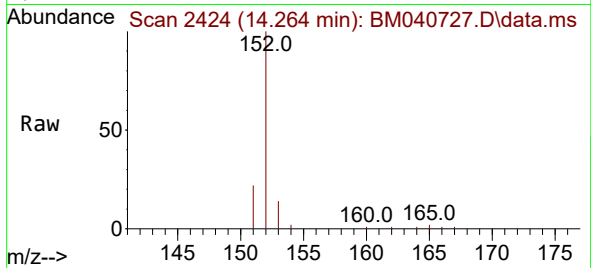




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

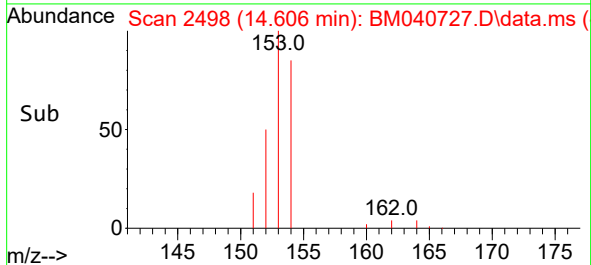
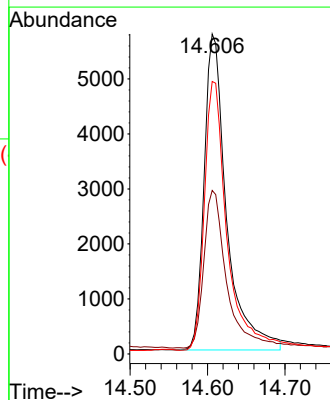
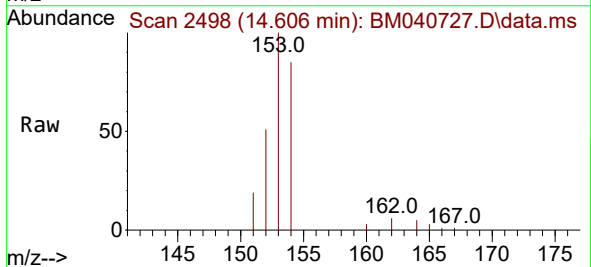
Instrument :
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ClientSampleId :
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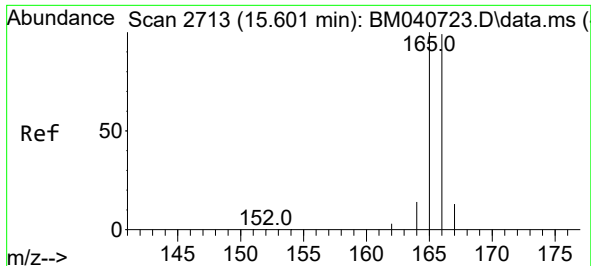
Tgt Ion:152 Resp: 13610
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.606 min Scan# 2498
Delta R.T. -0.005 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion:153 Resp: 11618
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 85.2 70.8 106.2

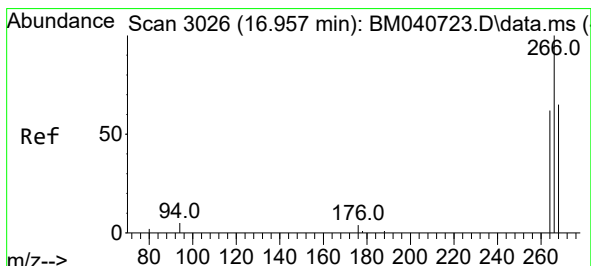
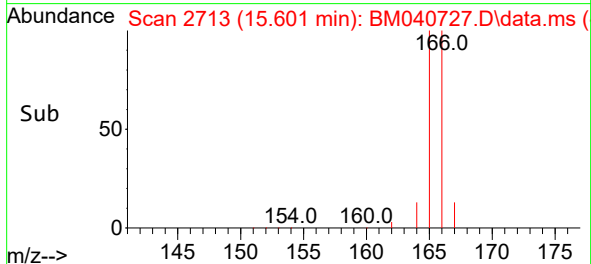
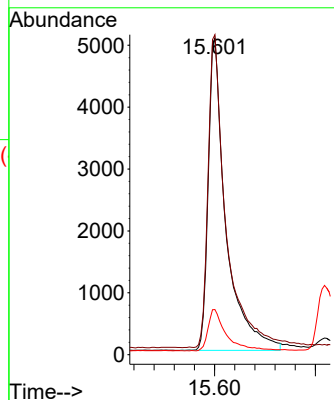
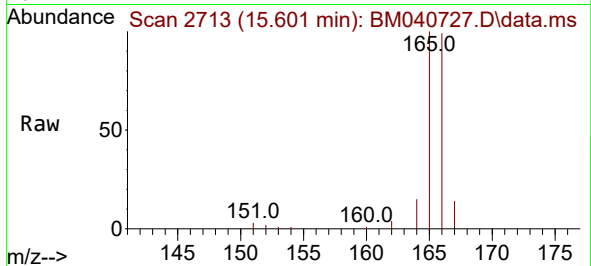




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.601 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

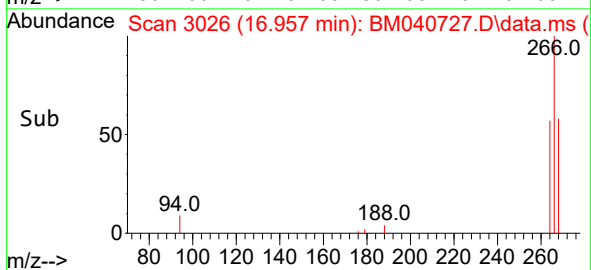
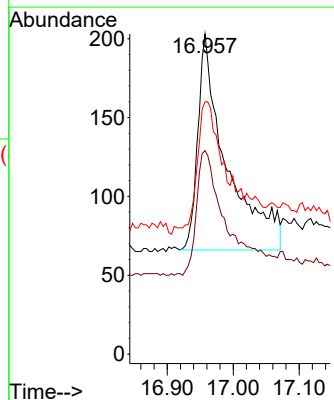
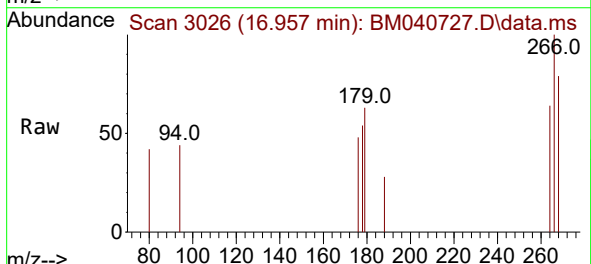
Instrument :
BNA_M
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SSTD0.4161

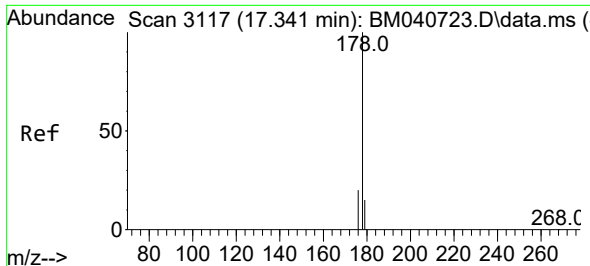
Tgt Ion:166 Resp: 12322
Ion Ratio Lower Upper
166 100
165 101.1 79.6 119.4
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.143 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion:266 Resp: 415
Ion Ratio Lower Upper
266 100
264 62.4 45.4 68.0
268 74.0 47.2 70.8#

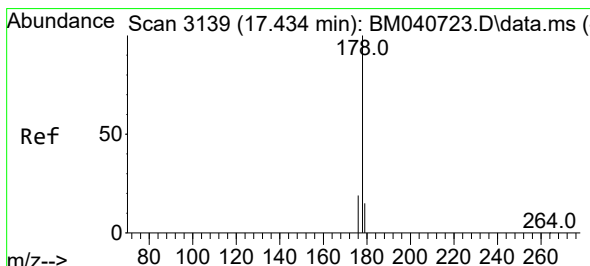
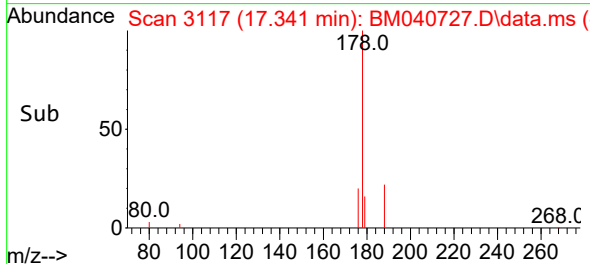
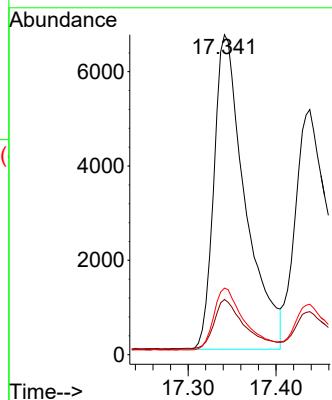
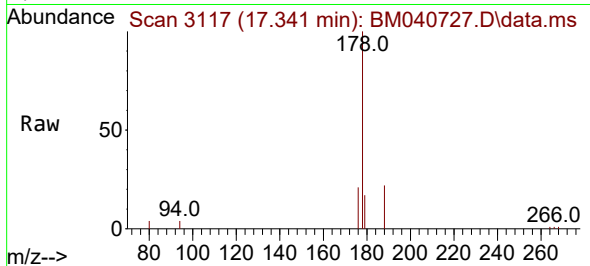




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.341 min Scan# 3117
Delta R.T. -0.004 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

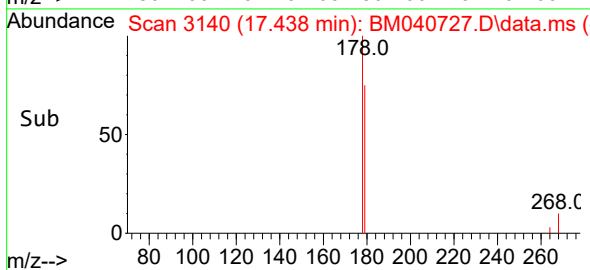
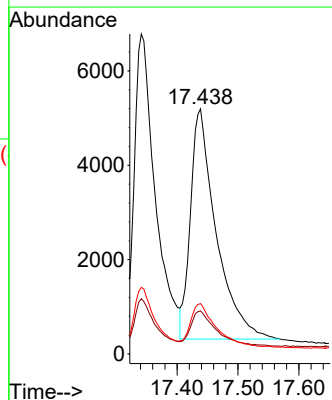
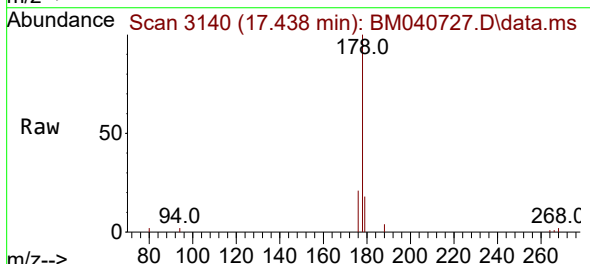
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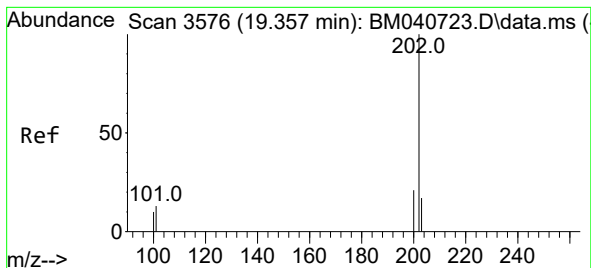
Tgt Ion:	178	Resp:	16469
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.8	19.2
176	20.8	16.4	24.6



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion:	178	Resp:	14309
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.9	19.3
176	20.5	15.8	23.6





#19

Fluoranthene

Concen: 0.401 ng/ul

RT: 19.357 min Scan# 3576

Delta R.T. -0.005 min

Lab File: BM040727.D

Acq: 07 Jul 2023 23:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.4161

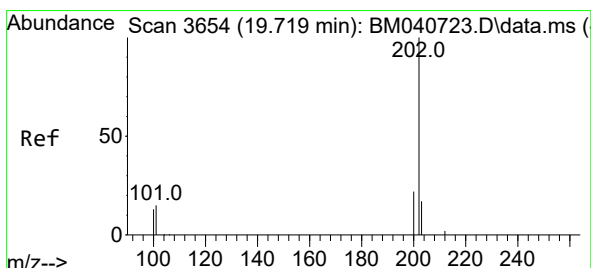
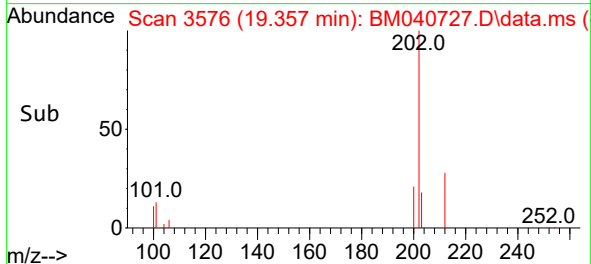
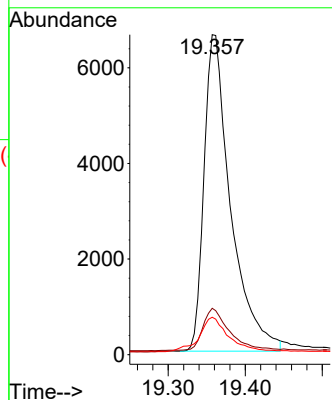
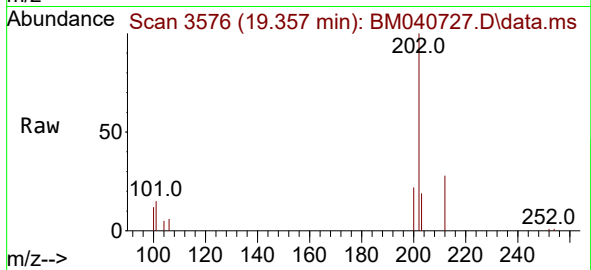
Tgt Ion:202 Resp: 15908

Ion Ratio Lower Upper

202 100

101 14.5 11.4 17.0

100 11.7 8.7 13.1



#20

Pyrene

Concen: 0.385 ng/ul

RT: 19.719 min Scan# 3654

Delta R.T. -0.000 min

Lab File: BM040727.D

Acq: 07 Jul 2023 23:59

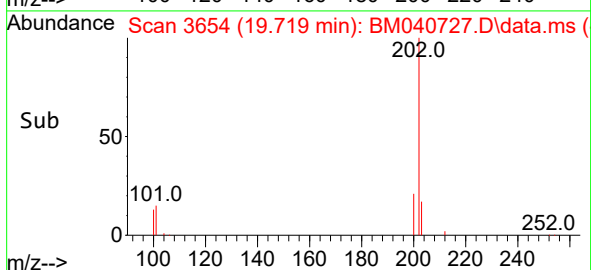
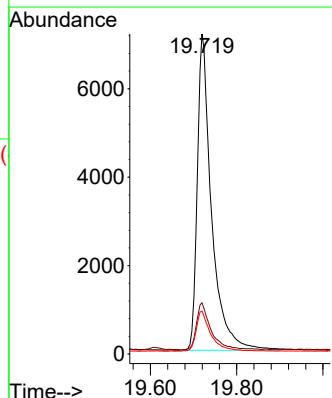
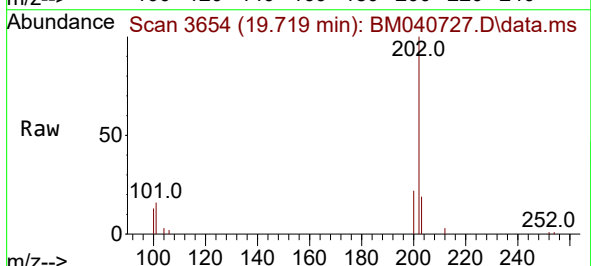
Tgt Ion:202 Resp: 16392

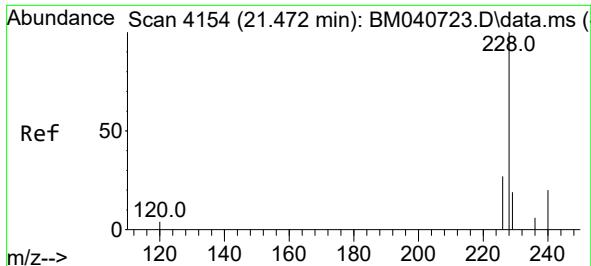
Ion Ratio Lower Upper

202 100

101 16.0 12.6 18.8

100 13.4 9.8 14.6

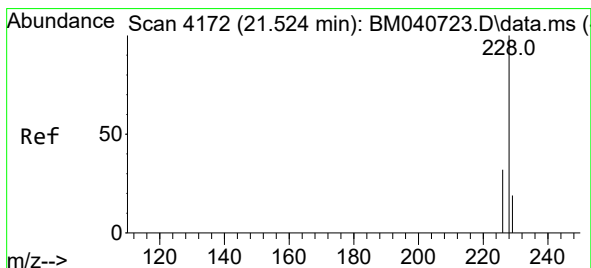
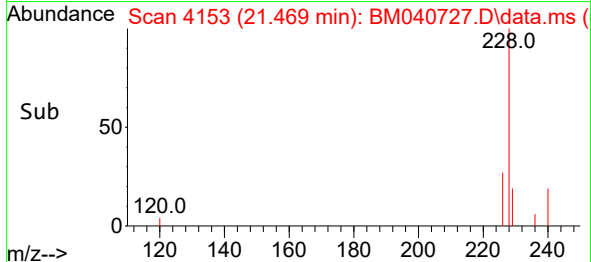
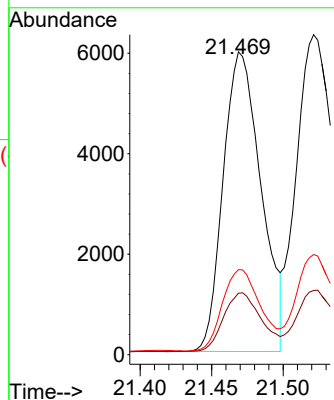
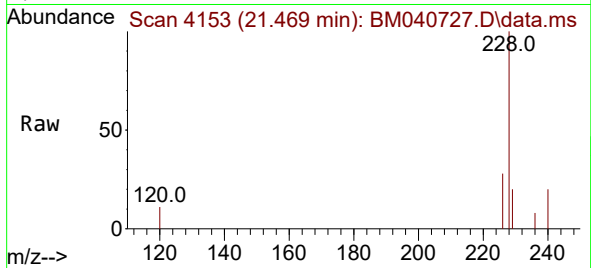




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.469 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

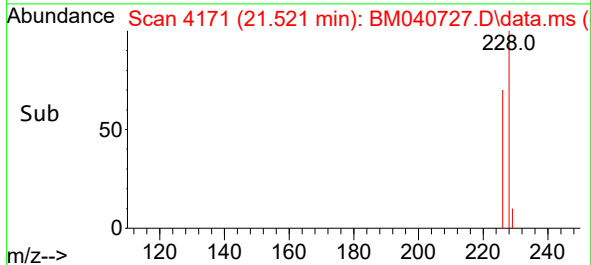
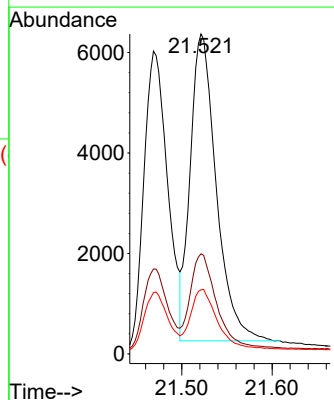
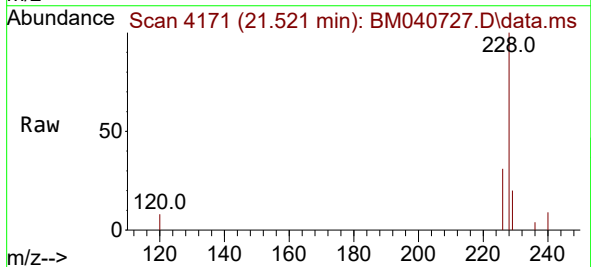
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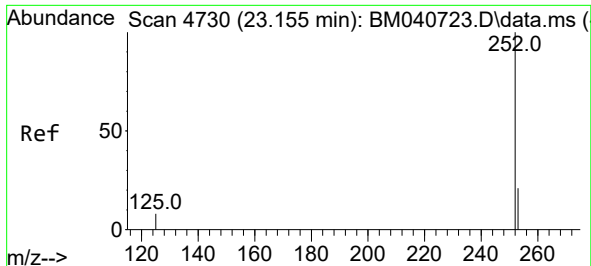
Tgt Ion:228 Resp: 11004
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion:228 Resp: 12263
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.1 15.8 23.6

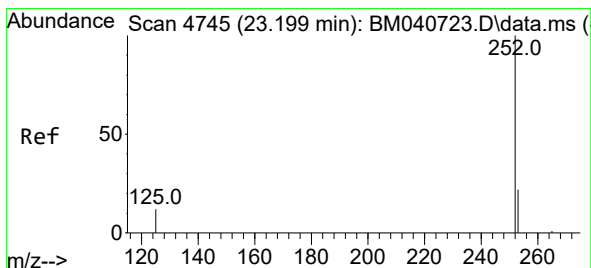
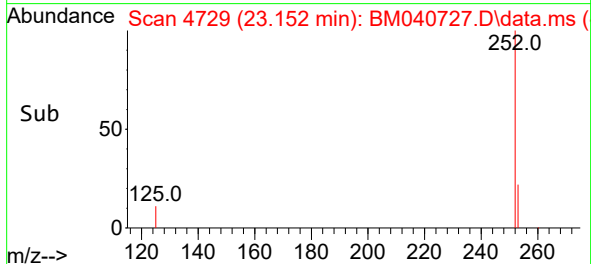
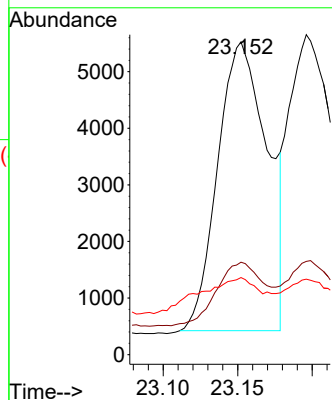
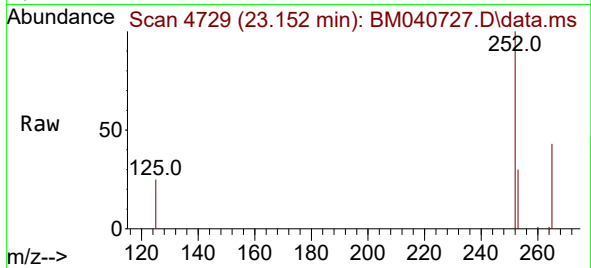




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.152 min Scan# 4729
Delta R.T. -0.000 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

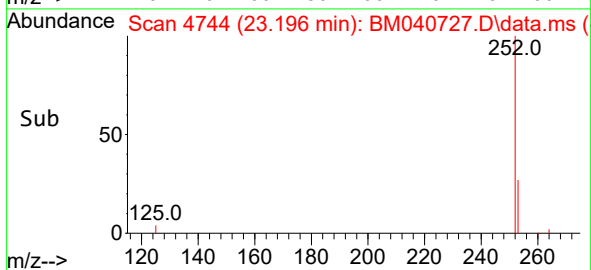
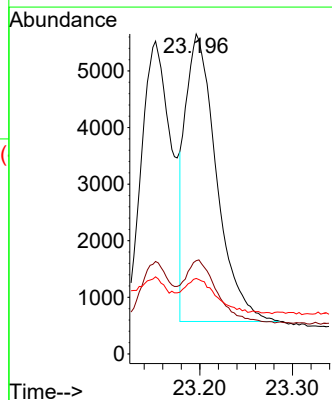
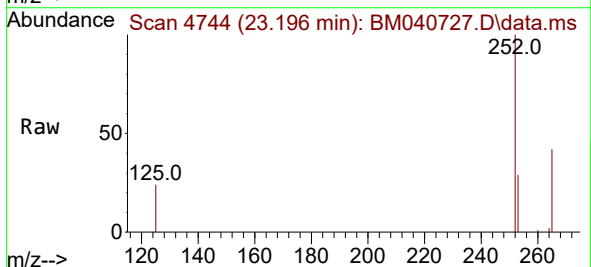
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

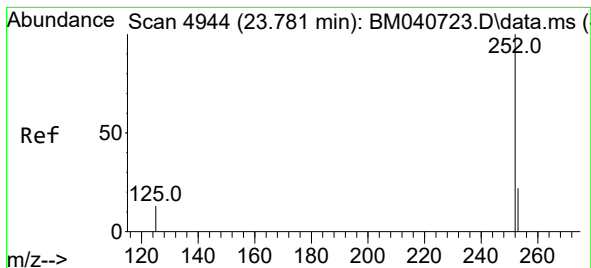
Tgt Ion:252 Resp: 11791
Ion Ratio Lower Upper
252 100
253 29.6 0.0 52.8
125 24.7 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.196 min Scan# 4744
Delta R.T. -0.003 min
Lab File: BM040727.D
Acq: 07 Jul 2023 23:59

Tgt Ion:252 Resp: 11831
Ion Ratio Lower Upper
252 100
253 29.1 21.2 31.8
125 23.6 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.778 min Scan# 4943

Delta R.T. -0.000 min

Lab File: BM040727.D

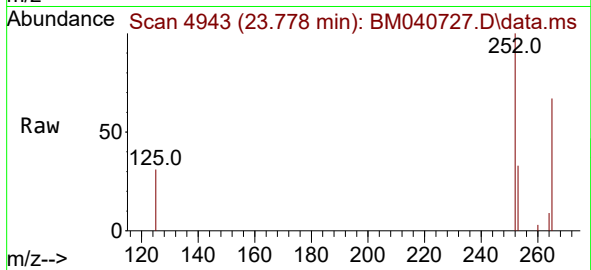
Acq: 07 Jul 2023 23:59

Instrument :

BNA_M

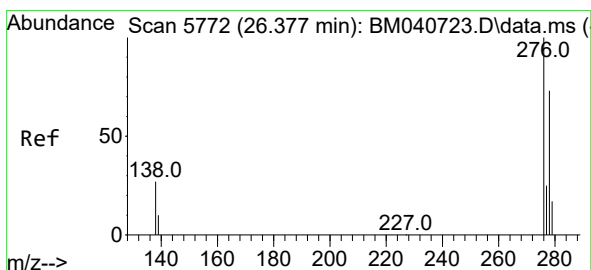
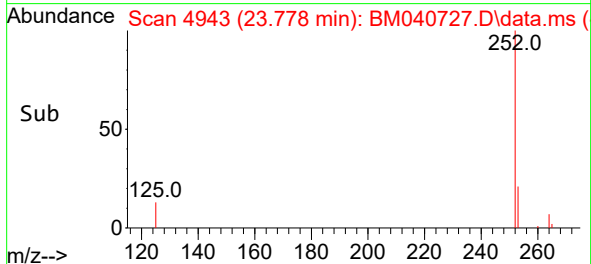
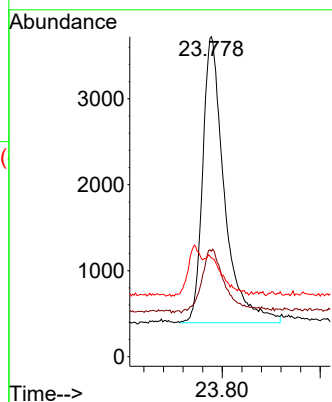
ClientSampleId :

SSTD0.4161



Tgt Ion:252 Resp: 10228

Ion	Ratio	Lower	Upper
252	100		
253	33.0	22.9	34.3
125	30.9	21.0	31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.332 ng/ul

RT: 26.374 min Scan# 5771

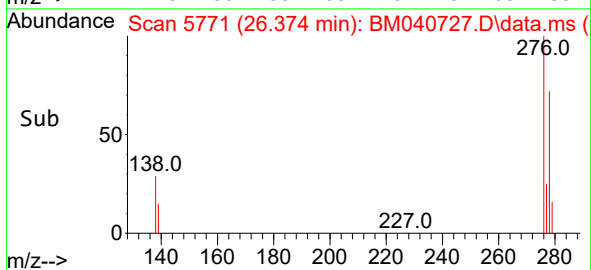
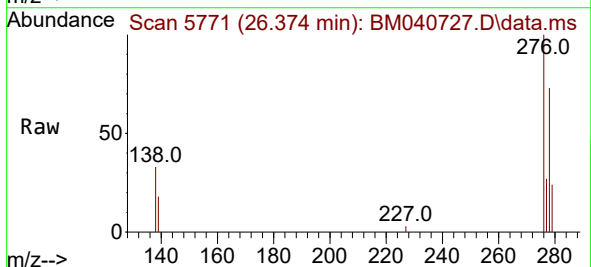
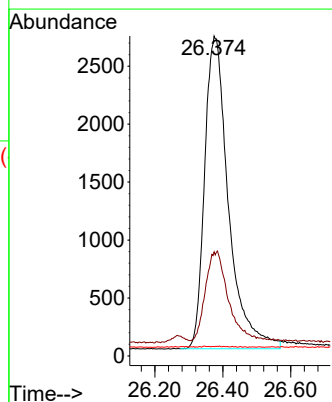
Delta R.T. -0.003 min

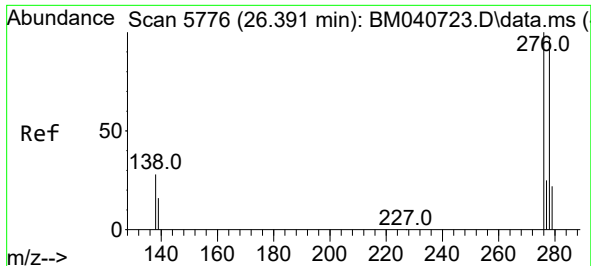
Lab File: BM040727.D

Acq: 07 Jul 2023 23:59

Tgt Ion:276 Resp: 13151

Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.5	36.7
227	0.1	0.1	0.1

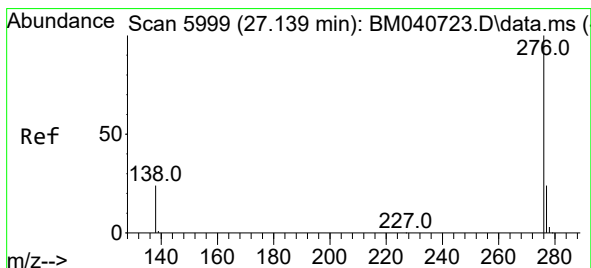
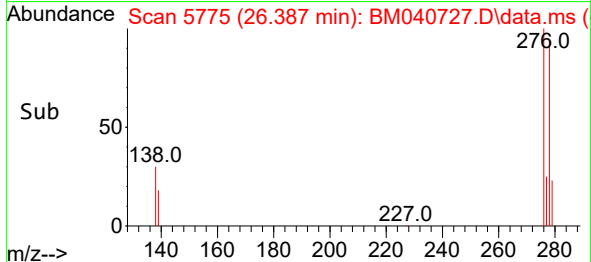
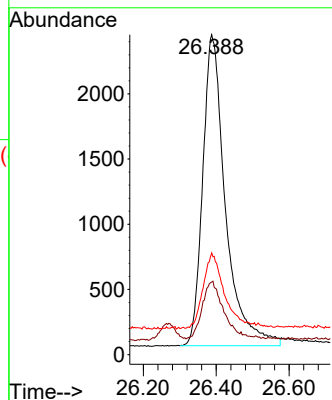
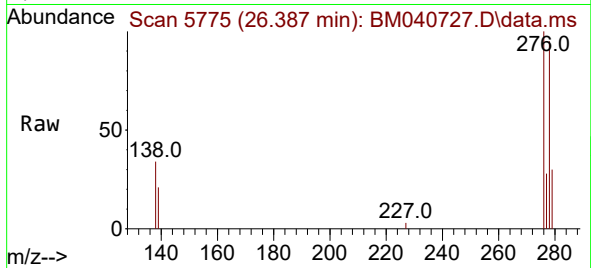




#28
 Dibenzo(a,h)anthracene
 Concen: 0.334 ng/ul
 RT: 26.387 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM040727.D
 Acq: 07 Jul 2023 23:59

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4161

Tgt Ion:278 Resp: 10339
 Ion Ratio Lower Upper
 278 100
 139 22.7 17.9 26.9
 279 31.8 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.341 ng/ul
 RT: 27.135 min Scan# 5998
 Delta R.T. -0.003 min
 Lab File: BM040727.D
 Acq: 07 Jul 2023 23:59

Tgt Ion:276 Resp: 11814
 Ion Ratio Lower Upper
 276 100
 138 28.3 23.0 34.6
 277 26.0 20.3 30.5

