

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
 Data File : BM047074.D
 Acq On : 08 Aug 2024 03:16
 Operator : RC/JU
 Sample : SSTD1.685
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6005

Quant Time: Aug 08 05:41:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 05:39:24 2024
 Response via : Initial Calibration

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

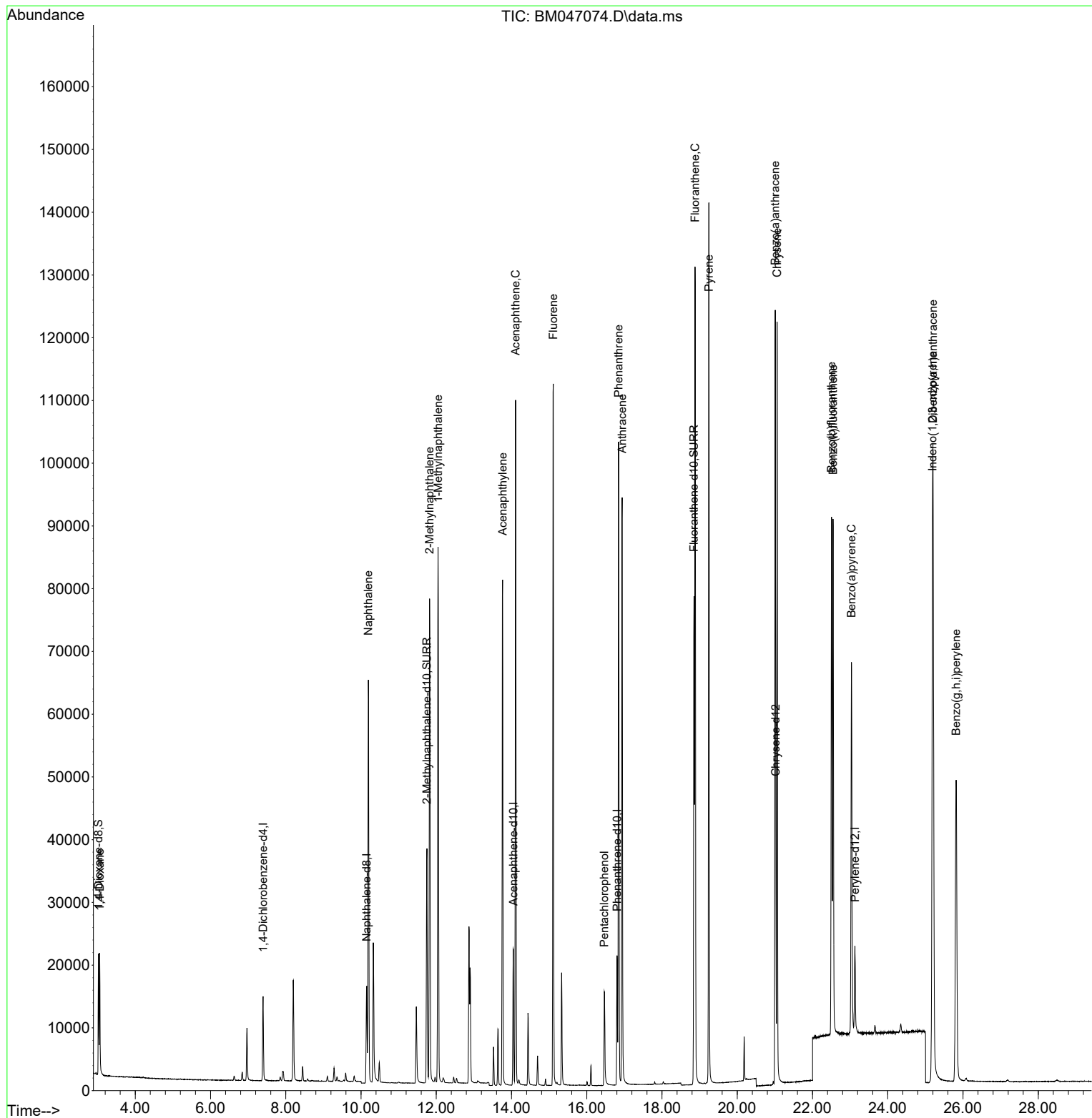
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.397	152	6949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.151	136	21192	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.050	164	12413	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.805	188	23636	0.400	ng/ul	0.00
17) Chrysene-d12	21.024	240	18357	0.400	ng/ul	0.00
23) Perylene-d12	23.128	264	16804	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	10929	2.246	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.751	152	49944	1.483	ng/ul	0.00
18) Fluoranthene-d10	18.850	212	84907	1.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.055	88	11914	2.140	ng/ul#	91
5) Naphthalene	10.195	128	86372	1.611	ng/ul	99
7) 2-Methylnaphthalene	11.823	142	57140	1.549	ng/ul	100
8) 1-Methylnaphthalene	12.048	142	59416	1.559	ng/ul	100
10) Acenaphthylene	13.763	152	89561	1.575	ng/ul	99
11) Acenaphthene	14.110	153	60498	1.568	ng/ul	99
12) Fluorene	15.109	166	70992	1.472	ng/ul	99
14) Pentachlorophenol	16.467	266	11194	1.046	ng/ul	95
15) Phenanthrene	16.847	178	106533	1.568	ng/ul	99
16) Anthracene	16.940	178	98551	1.558	ng/ul	98
19) Fluoranthene	18.878	202	114201	1.417	ng/ul	98
20) Pyrene	19.245	202	119195	1.429	ng/ul	99
21) Benzo(a)anthracene	21.010	228	100697	1.316	ng/ul	98
22) Chrysene	21.059	228	97119	1.250	ng/ul	100
24) Benzo(b)fluoranthene	22.505	252	96549	1.309	ng/ul	92
25) Benzo(k)fluoranthene	22.546	252	99183	1.334	ng/ul#	92
26) Benzo(a)pyrene	23.035	252	79978	1.510	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.190	276	116978	1.435	ng/ul	99
28) Dibenzo(a,h)anthracene	25.203	278	90435	1.516	ng/ul	95
29) Benzo(g,h,i)perylene	25.817	276	95327	1.328	ng/ul	98

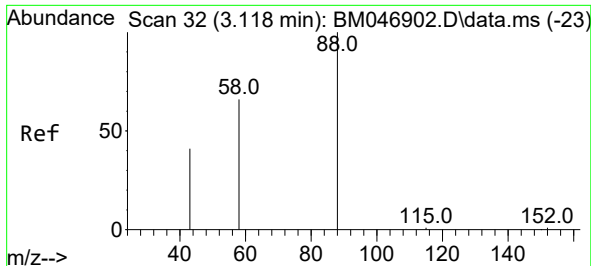
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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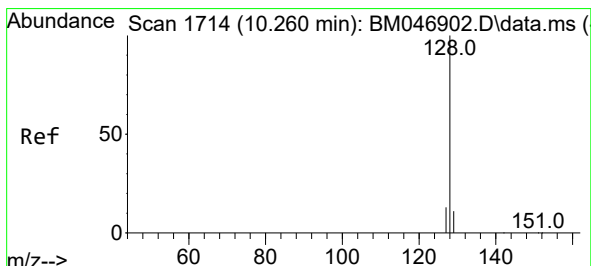
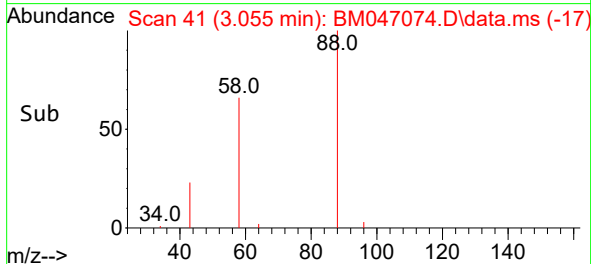
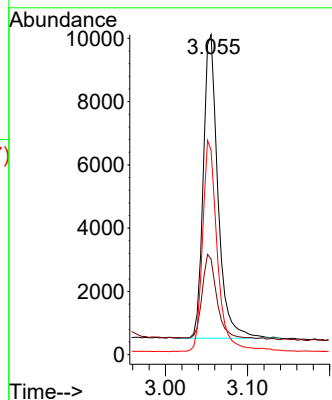
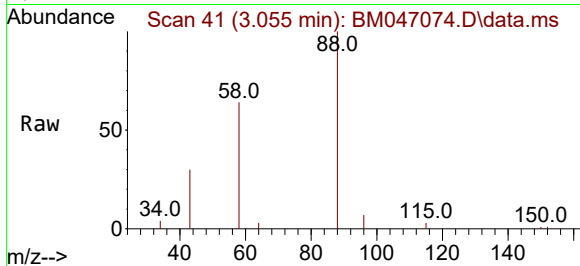




#2
1,4-Dioxane
Concen: 2.140 ng/ul
RT: 3.055 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

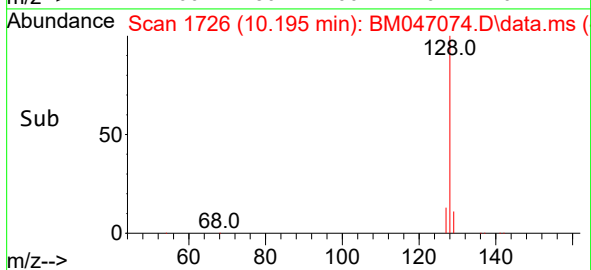
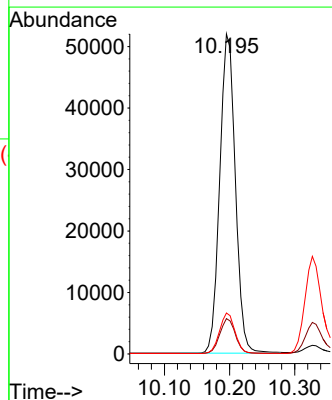
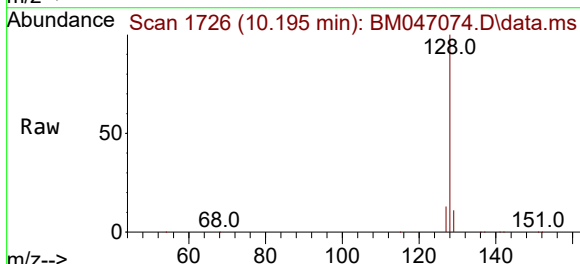
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

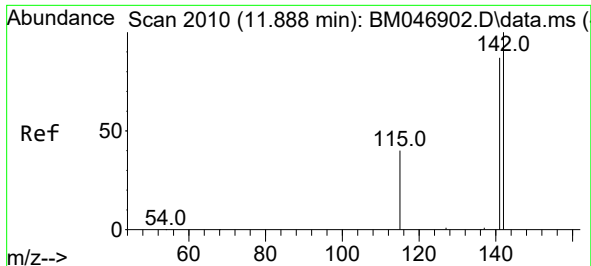
Tgt Ion: 88 Resp: 11914
Ion Ratio Lower Upper
88 100
43 29.8 32.0 48.0#
58 63.8 48.1 72.1



#5
Naphthalene
Concen: 1.611 ng/ul
RT: 10.195 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion: 128 Resp: 86372
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.8 10.6 15.8

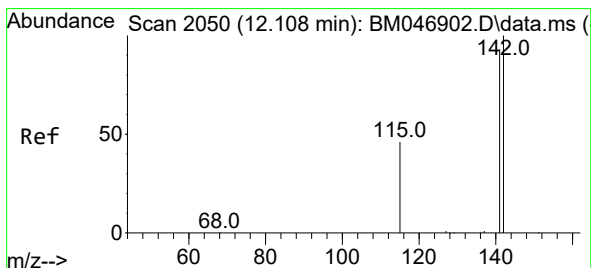
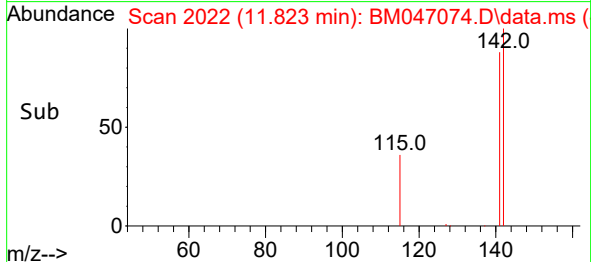
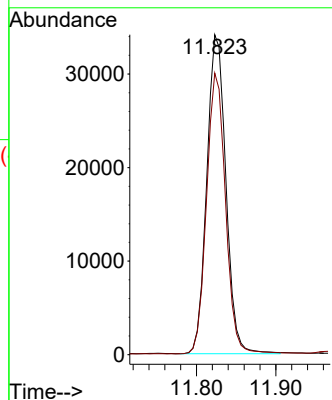
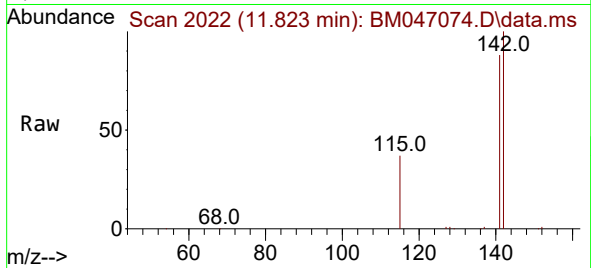




#7
2-Methylnaphthalene
Concen: 1.549 ng/ul
RT: 11.823 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

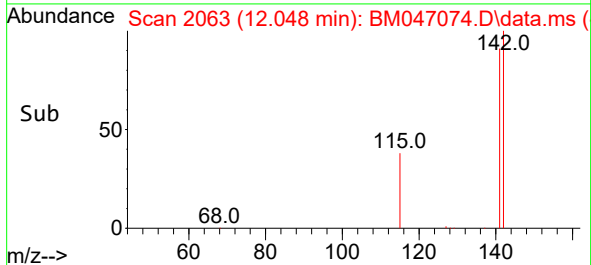
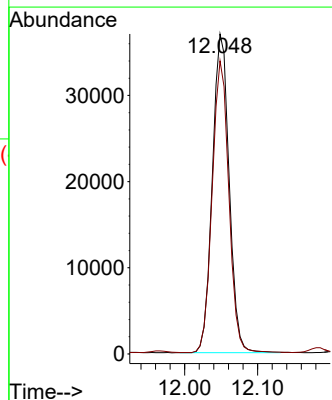
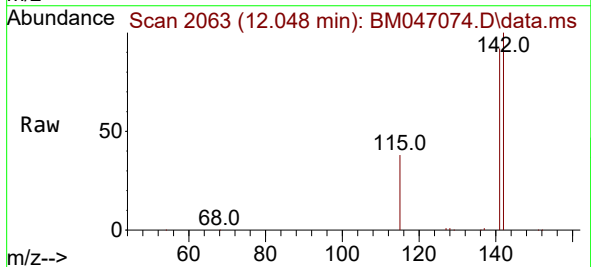
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

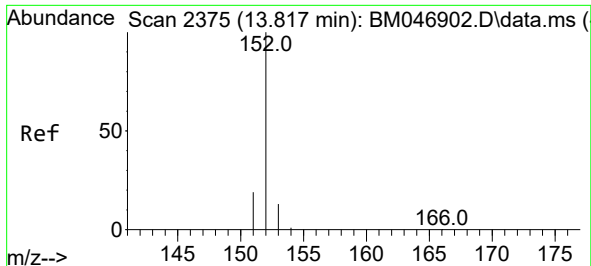
Tgt Ion:142 Resp: 57140
Ion Ratio Lower Upper
142 100
141 87.4 70.0 105.0



#8
1-Methylnaphthalene
Concen: 1.559 ng/ul
RT: 12.048 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion:142 Resp: 59416
Ion Ratio Lower Upper
142 100
141 90.6 72.6 109.0

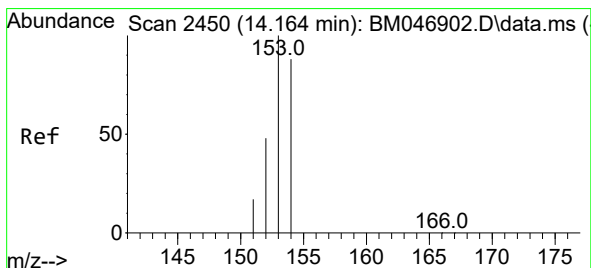
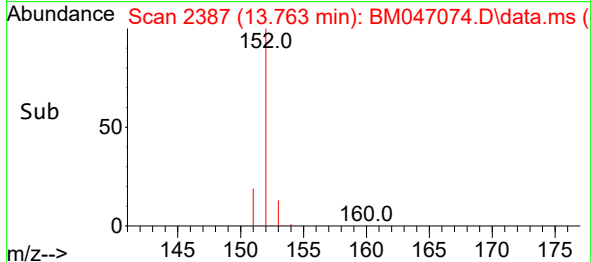
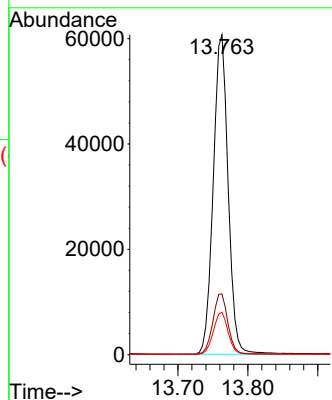
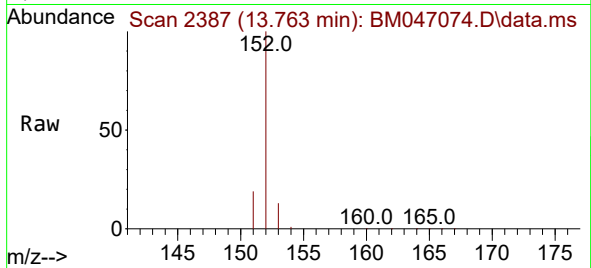




#10
Acenaphthylene
Concen: 1.575 ng/ul
RT: 13.763 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

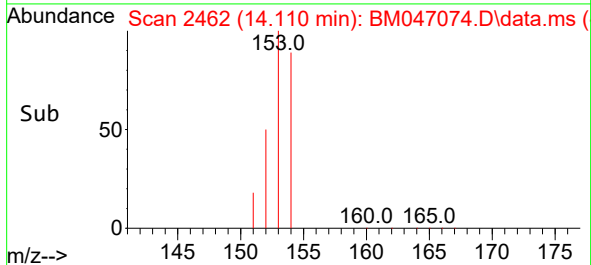
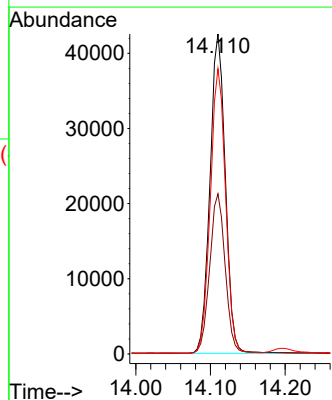
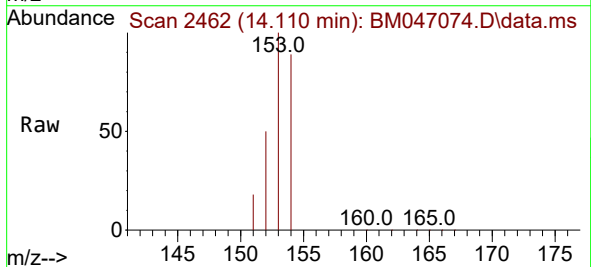
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

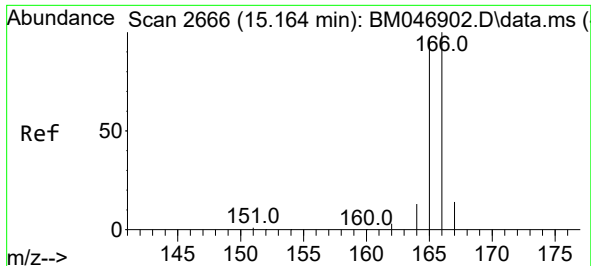
Tgt Ion:152 Resp: 89561
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 1.568 ng/ul
RT: 14.110 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion:153 Resp: 60498
Ion Ratio Lower Upper
153 100
152 50.1 41.6 62.4
154 89.2 71.1 106.7

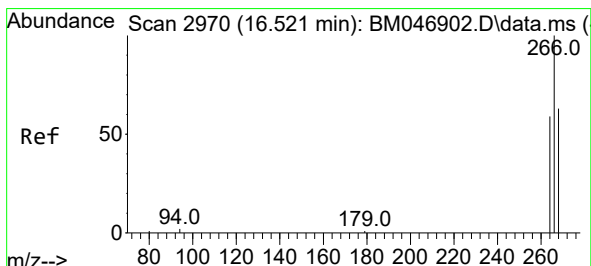
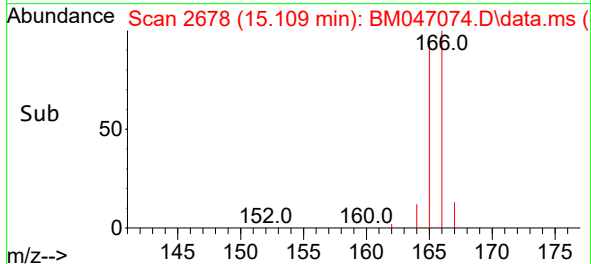
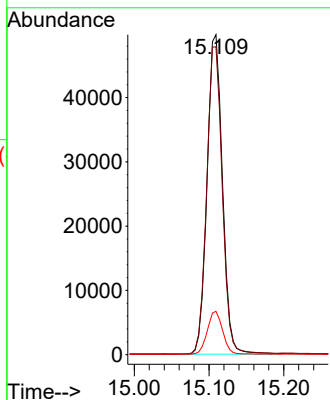
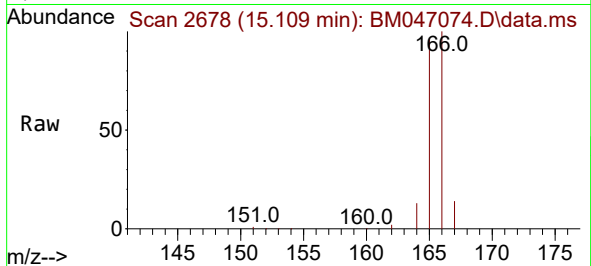




#12
 Fluorene
 Concen: 1.472 ng/ul
 RT: 15.109 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: BM047074.D
 Acq: 08 Aug 2024 03:16

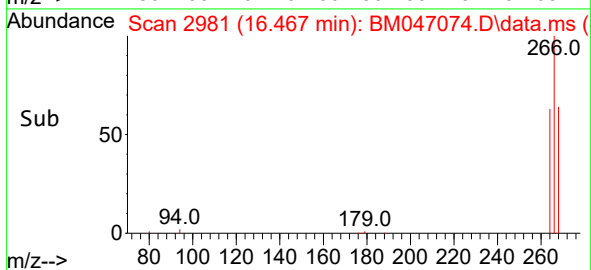
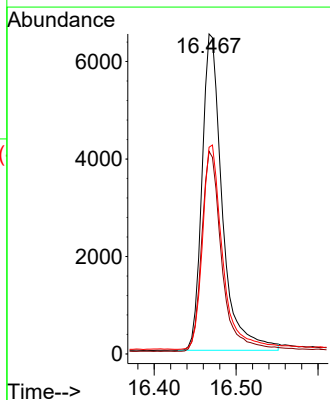
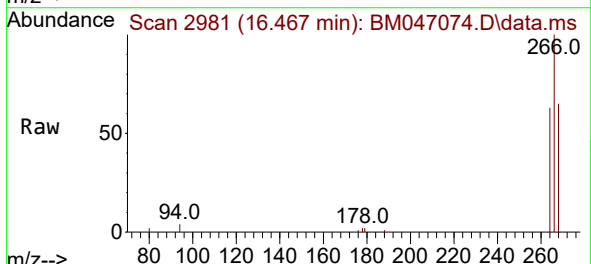
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6005

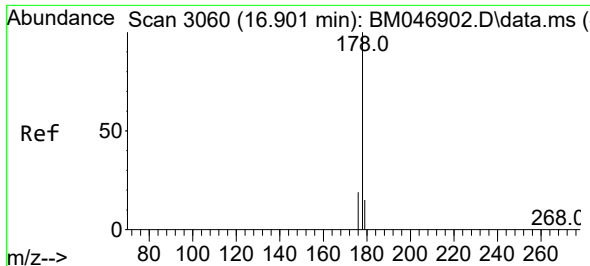
Tgt Ion:166 Resp: 70992
 Ion Ratio Lower Upper
 166 100
 165 96.2 78.2 117.2
 167 13.6 10.7 16.1



#14
 Pentachlorophenol
 Concen: 1.046 ng/ul
 RT: 16.467 min Scan# 2981
 Delta R.T. -0.004 min
 Lab File: BM047074.D
 Acq: 08 Aug 2024 03:16

Tgt Ion:266 Resp: 11194
 Ion Ratio Lower Upper
 266 100
 264 62.7 47.2 70.8
 268 64.1 48.2 72.4

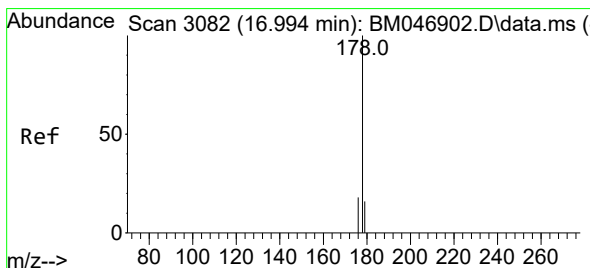
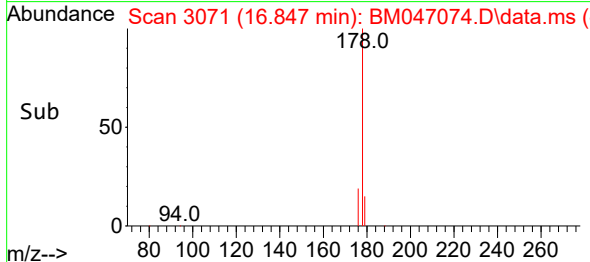
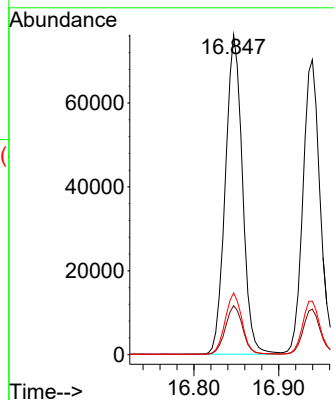
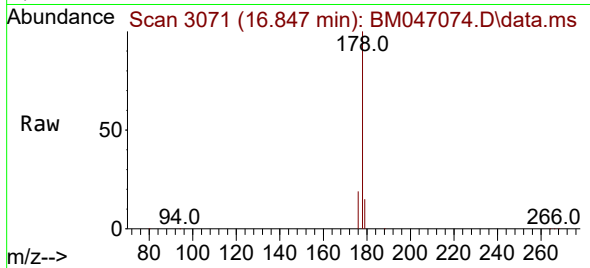




#15
Phenanthrene
Concen: 1.568 ng/ul
RT: 16.847 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

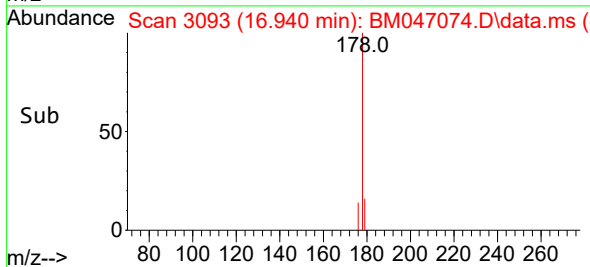
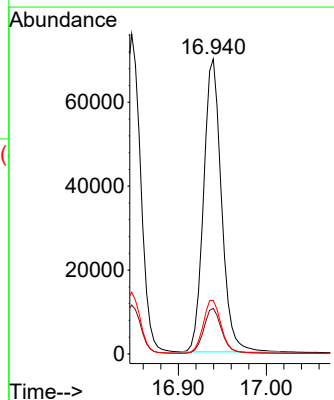
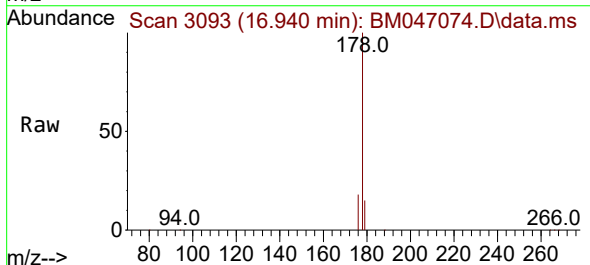
Instrument :
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ClientSampleId :
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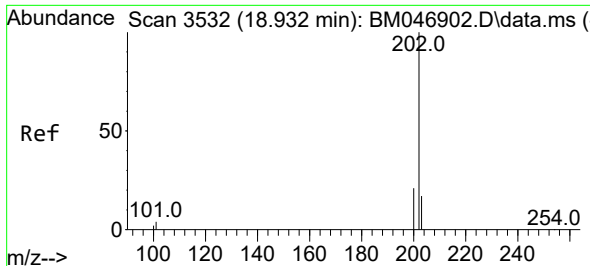
Tgt Ion:178 Resp: 106533
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.3 15.7 23.5



#16
Anthracene
Concen: 1.558 ng/ul
RT: 16.940 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion:178 Resp: 98551
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.1 15.2 22.8

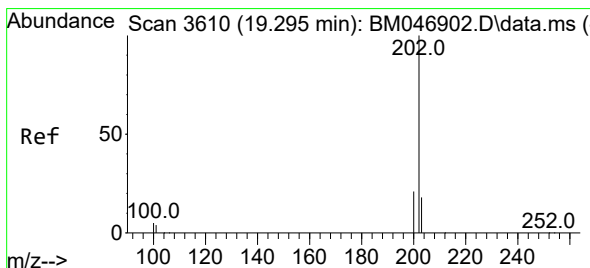
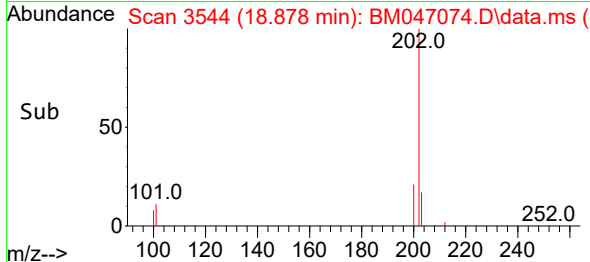
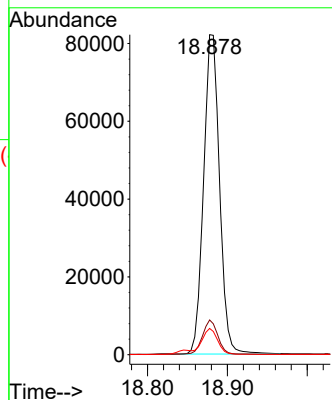
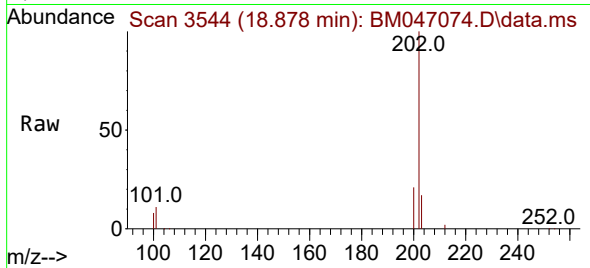




#19
Fluoranthene
Concen: 1.417 ng/ul
RT: 18.878 min Scan# 3544
Delta R.T. -0.004 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

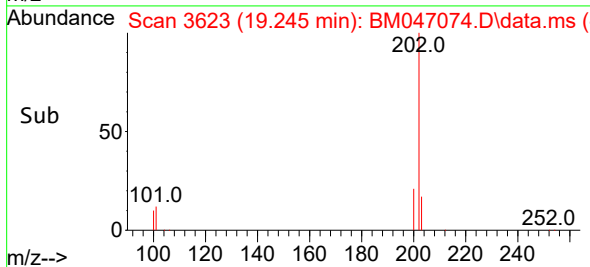
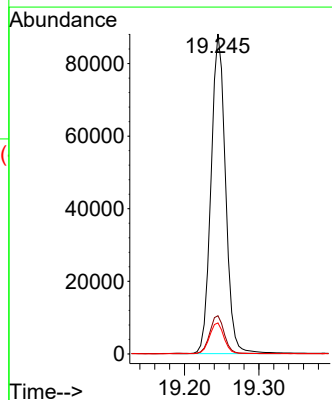
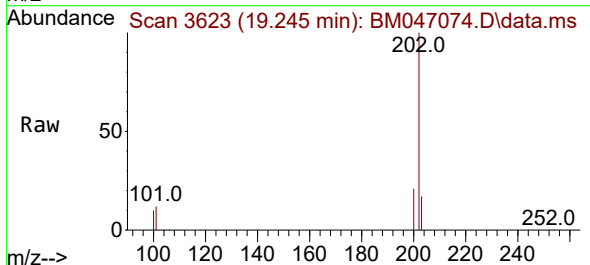
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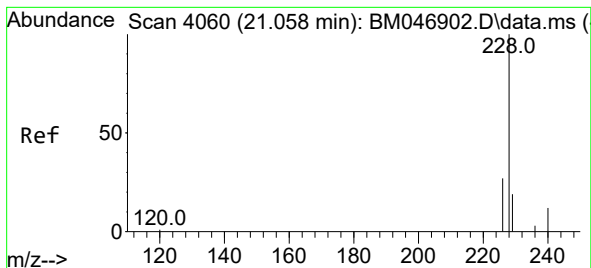
Tgt Ion:202 Resp: 114201
Ion Ratio Lower Upper
202 100
101 10.8 8.2 12.2
100 8.2 6.0 9.0



#20
Pyrene
Concen: 1.429 ng/ul
RT: 19.245 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion:202 Resp: 119195
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.7 8.0 12.0





#21

Benzo(a)anthracene

Concen: 1.316 ng/ul

RT: 21.010 min Scan# 4067

Delta R.T. 0.000 min

Lab File: BM047074.D

Acq: 08 Aug 2024 03:16

Instrument :

BNA_M

ClientSampleId :

SSTD1.6005

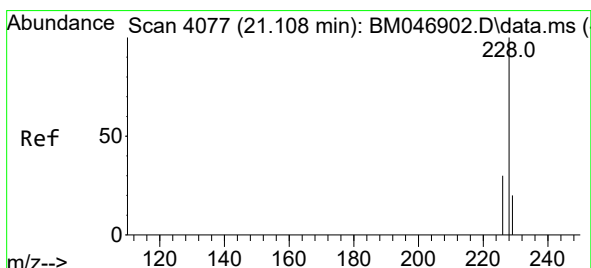
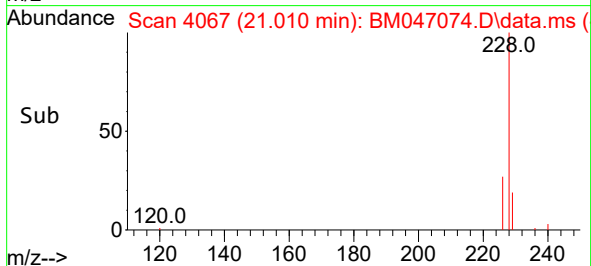
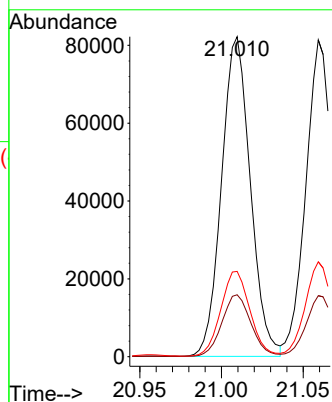
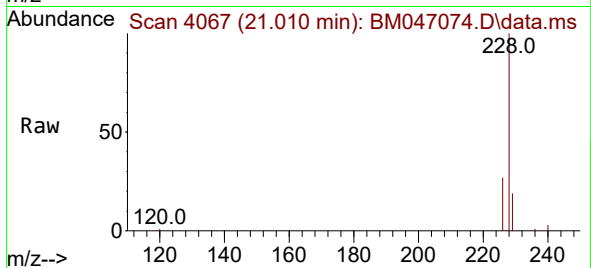
Tgt Ion:228 Resp: 100697

Ion Ratio Lower Upper

228 100

229 19.4 15.9 23.9

226 26.7 22.1 33.1



#22

Chrysene

Concen: 1.250 ng/ul

RT: 21.059 min Scan# 4084

Delta R.T. -0.003 min

Lab File: BM047074.D

Acq: 08 Aug 2024 03:16

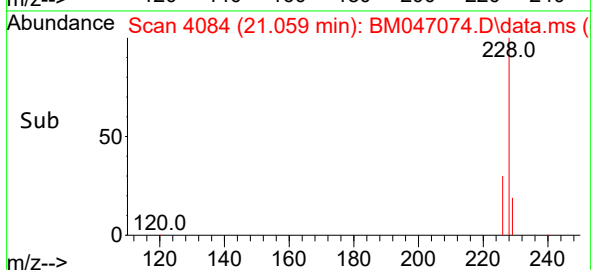
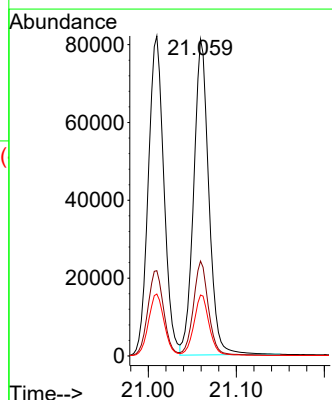
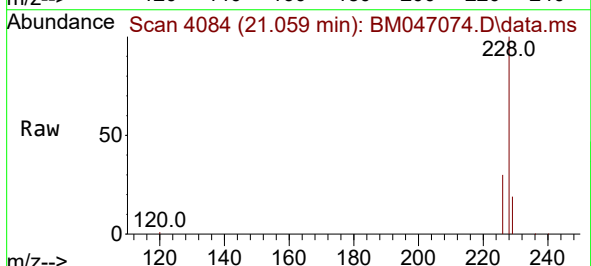
Tgt Ion:228 Resp: 97119

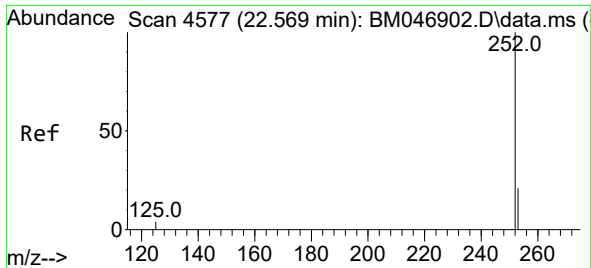
Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

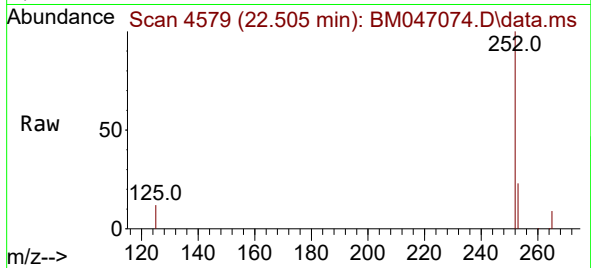
229 19.2 15.7 23.5



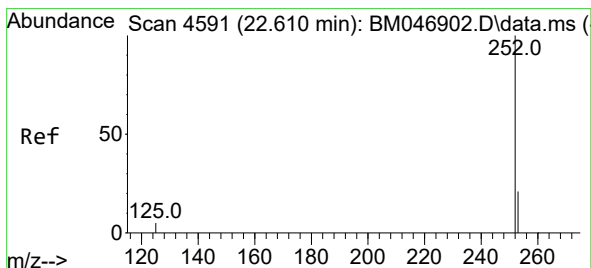
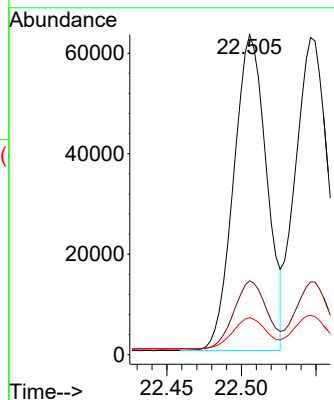


#24
Benzo(b)fluoranthene
Concen: 1.309 ng/ul
RT: 22.505 min Scan# 4579
Delta R.T. 0.000 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

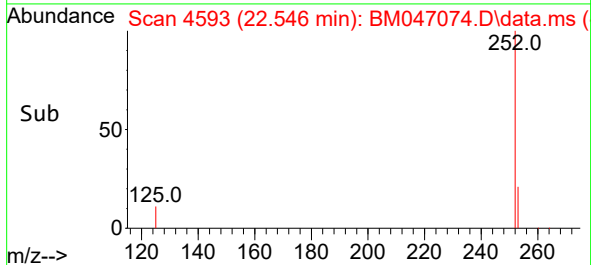
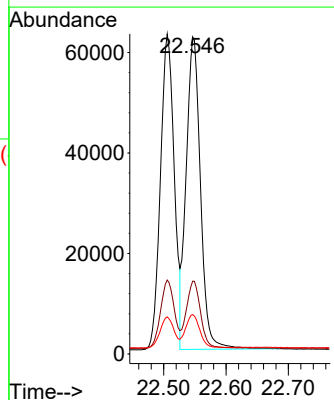
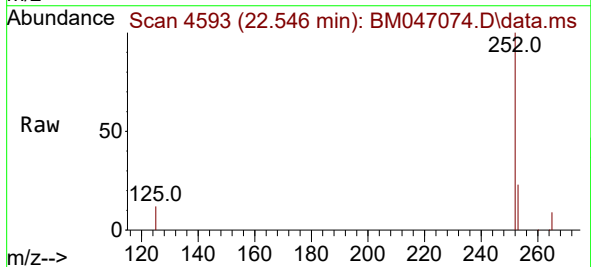


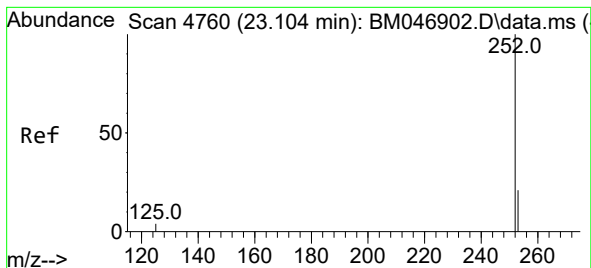
Tgt Ion:252 Resp: 96549
Ion Ratio Lower Upper
252 100
253 23.1 0.0 53.4
125 11.6 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 1.334 ng/ul
RT: 22.546 min Scan# 4593
Delta R.T. -0.003 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion:252 Resp: 99183
Ion Ratio Lower Upper
252 100
253 23.0 21.1 31.7
125 12.4 13.2 19.8#





#26

Benzo(a)pyrene

Concen: 1.510 ng/ul

RT: 23.035 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM047074.D

Acq: 08 Aug 2024 03:16

Instrument :

BNA_M

ClientSampleId :

SSTD1.6005

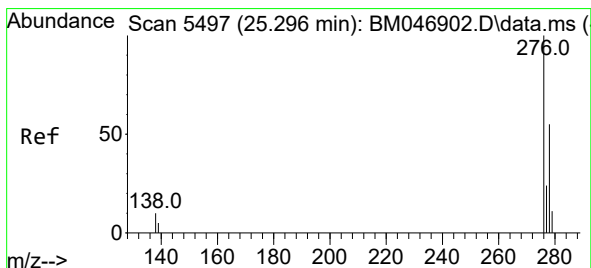
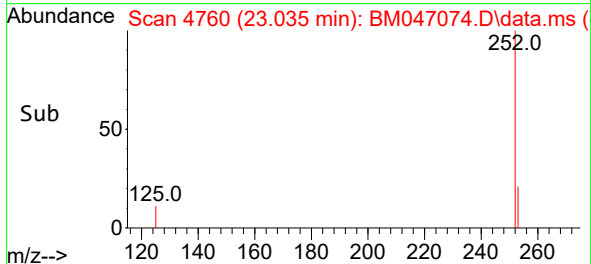
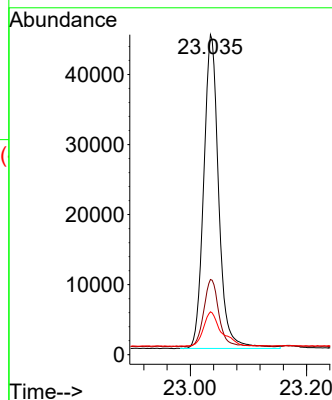
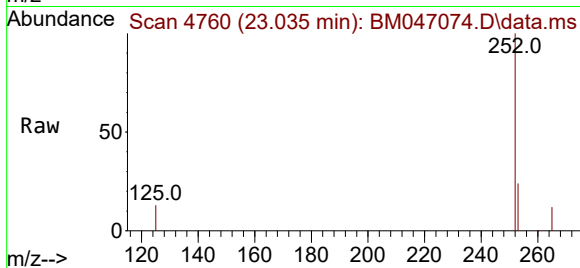
Tgt Ion:252 Resp: 79978

Ion Ratio Lower Upper

252 100

253 23.5 23.6 35.4#

125 13.4 15.8 23.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.435 ng/ul

RT: 25.190 min Scan# 5489

Delta R.T. -0.003 min

Lab File: BM047074.D

Acq: 08 Aug 2024 03:16

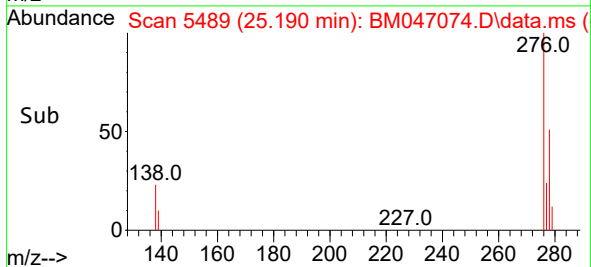
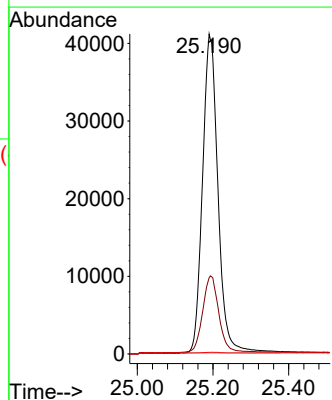
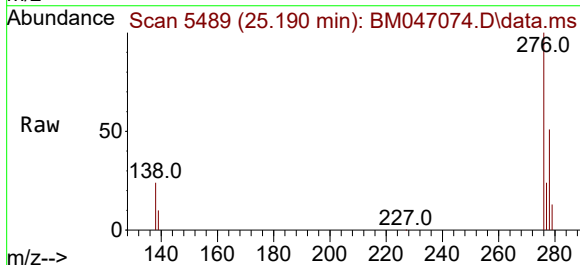
Tgt Ion:276 Resp: 116978

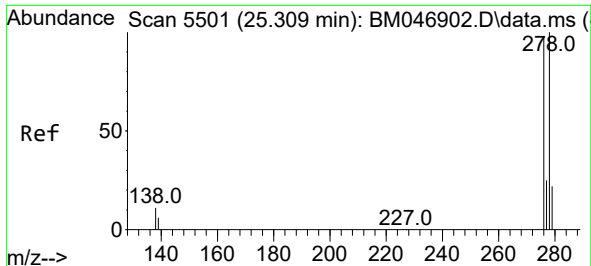
Ion Ratio Lower Upper

276 100

138 25.4 20.1 30.1

227 0.2 0.2 0.2

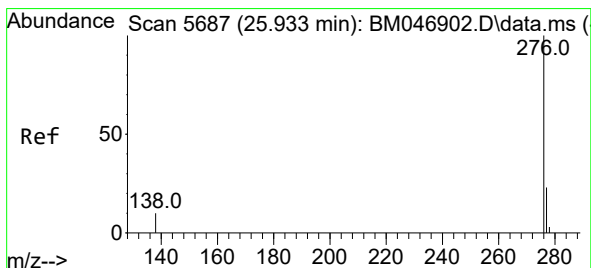
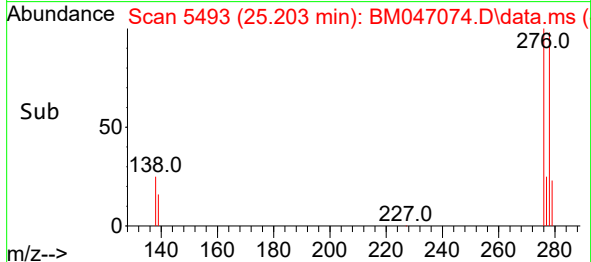
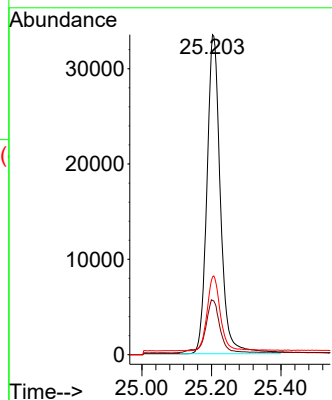
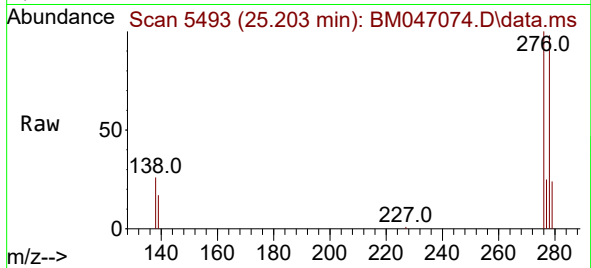




#28
Dibenzo(a,h)anthracene
Concen: 1.516 ng/ul
RT: 25.203 min Scan# 5493
Delta R.T. -0.007 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 90435
Ion Ratio Lower Upper
278 100
139 17.0 14.6 21.8
279 24.3 22.1 33.1



#29
Benzo(g,h,i)perylene
Concen: 1.328 ng/ul
RT: 25.817 min Scan# 5676
Delta R.T. -0.003 min
Lab File: BM047074.D
Acq: 08 Aug 2024 03:16

Tgt Ion:276 Resp: 95327
Ion Ratio Lower Upper
276 100
138 22.1 18.7 28.1
277 23.8 19.6 29.4

