

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046553.D
 Acq On : 12 Jul 2024 20:05
 Operator : MA/JU
 Sample : P3059-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1GM5MS

Quant Time: Jul 13 00:35:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

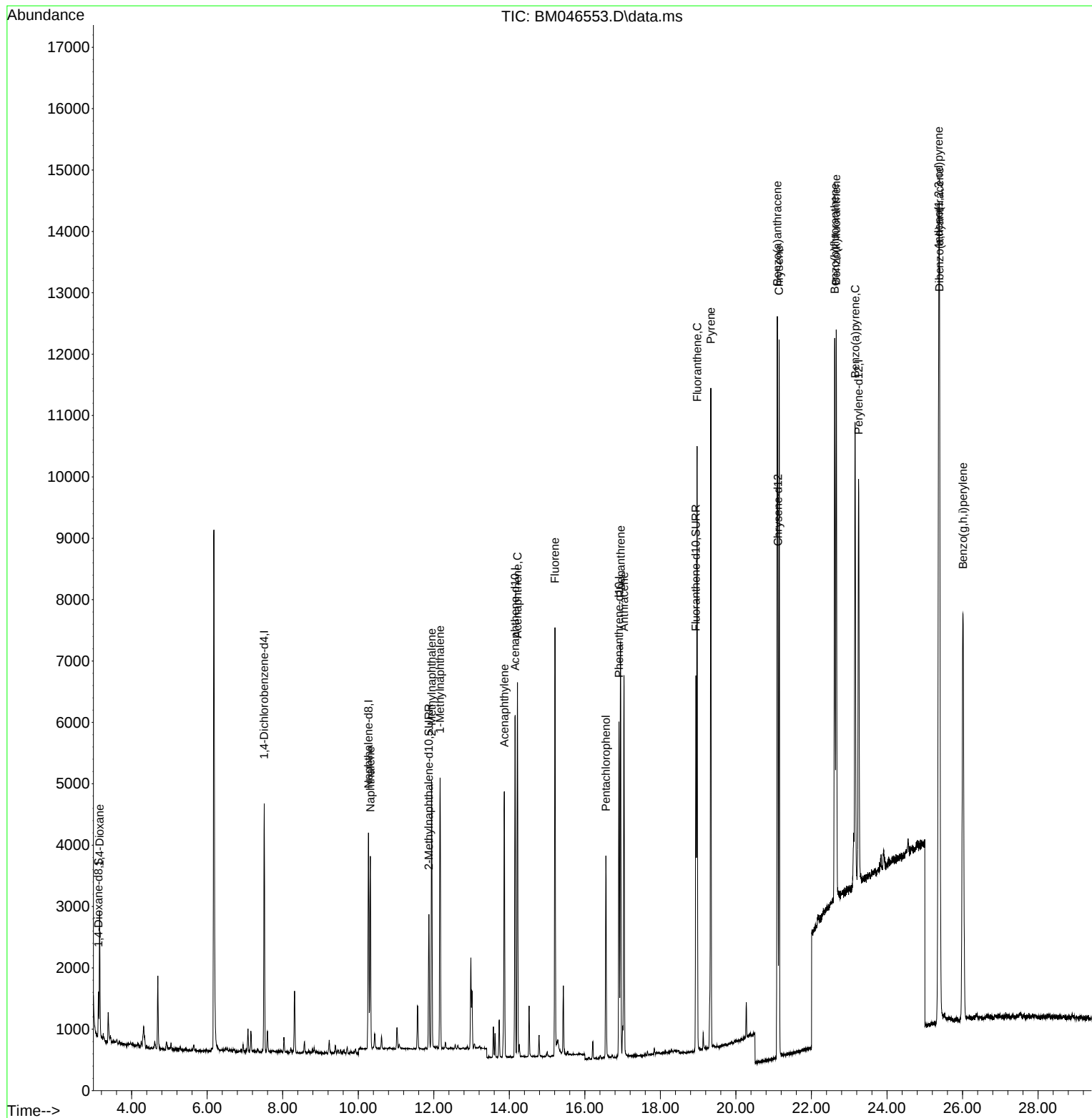
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1927	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	4721	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.154	164	3078	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.903	188	6701	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	5926	0.400	ng/ul #	0.00
23) Perylene-d12	23.247	264	8077	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	469	0.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	2651	0.348	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	7142	0.396	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	1287	0.762	ng/ul#	74
5) Naphthalene	10.319	128	4061	0.338	ng/ul	99
7) 2-Methylnaphthalene	11.942	142	2936	0.348	ng/ul	100
8) 1-Methylnaphthalene	12.167	142	2912	0.338	ng/ul	99
10) Acenaphthylene	13.867	152	4680	0.334	ng/ul	99
11) Acenaphthene	14.214	153	3414	0.364	ng/ul	97
12) Fluorene	15.209	166	5002	0.431	ng/ul	99
14) Pentachlorophenol	16.557	266	2077	0.612	ng/ul	98
15) Phenanthrene	16.946	178	7191	0.376	ng/ul	99
16) Anthracene	17.034	178	6544	0.351	ng/ul	100
19) Fluoranthene	18.973	202	9014	0.370	ng/ul	98
20) Pyrene	19.335	202	9432	0.358	ng/ul#	96
21) Benzo(a)anthracene	21.094	228	9400	0.359	ng/ul	100
22) Chrysene	21.143	228	9279	0.366	ng/ul	99
24) Benzo(b)fluoranthene	22.616	252	11319	0.351	ng/ul	98
25) Benzo(k)fluoranthene	22.657	252	11240	0.355	ng/ul	98
26) Benzo(a)pyrene	23.157	252	10376	0.391	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.370	276	17405	0.431	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.387	278	13785	0.431	ng/ul#	94
29) Benzo(g,h,i)perylene	26.011	276	14210	0.441	ng/ul	97

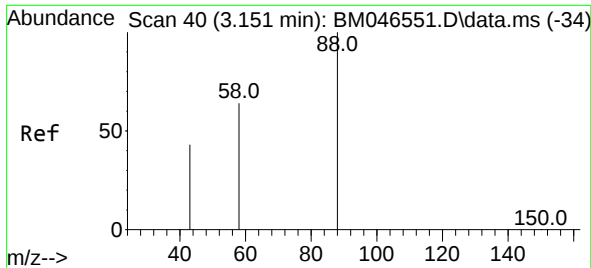
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2
1,4-Dioxane

Concen: 0.762 ng/ul

RT: 3.151 min Scan# 40

Delta R.T. 0.000 min

Lab File: BM046553.D

Acq: 12 Jul 2024 20:05

Instrument :

BNA_M

ClientSampleId :

E1GM5MS

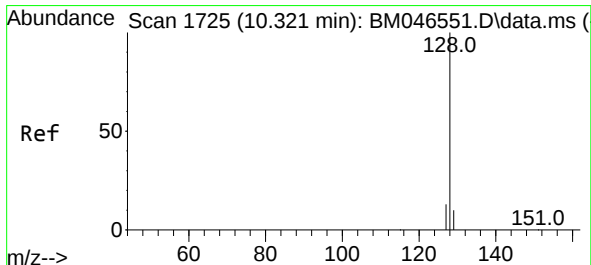
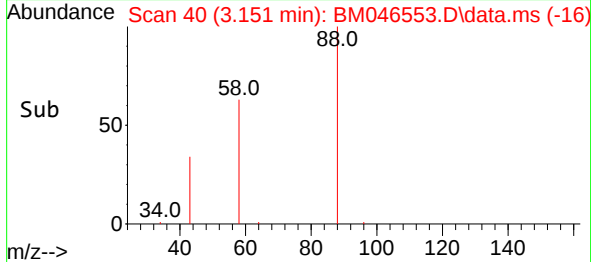
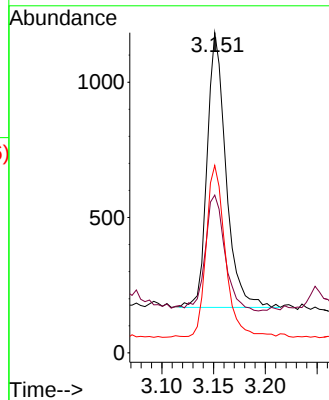
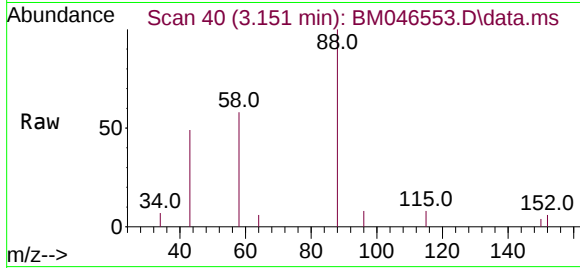
Tgt Ion: 88 Resp: 1287

Ion Ratio Lower Upper

88 100

43 49.3 70.2 105.4#

58 58.5 48.2 72.4



#5

Naphthalene

Concen: 0.338 ng/ul

RT: 10.319 min Scan# 1725

Delta R.T. -0.005 min

Lab File: BM046553.D

Acq: 12 Jul 2024 20:05

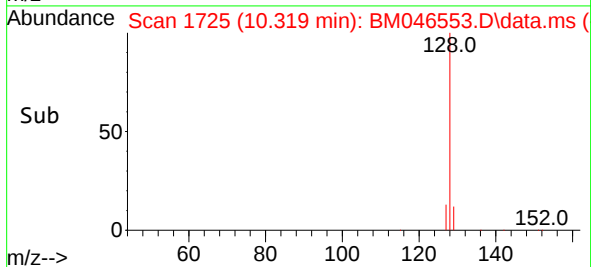
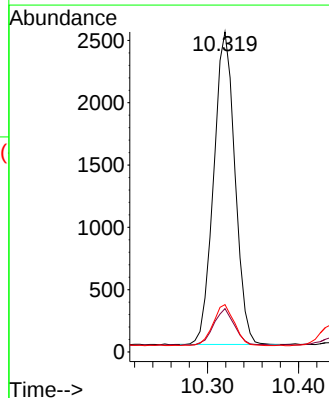
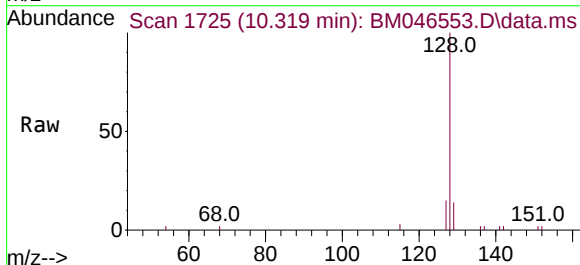
Tgt Ion: 128 Resp: 4061

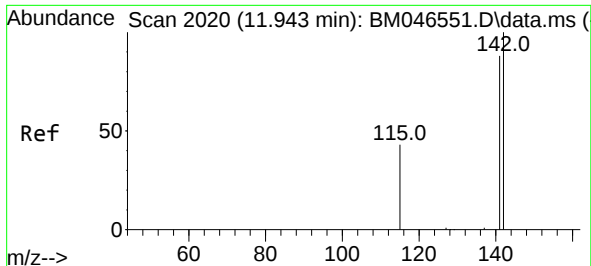
Ion Ratio Lower Upper

128 100

129 13.6 10.3 15.5

127 14.8 12.2 18.4

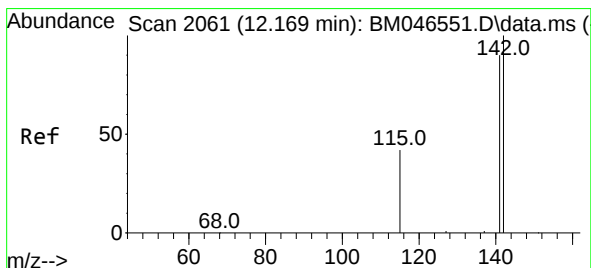
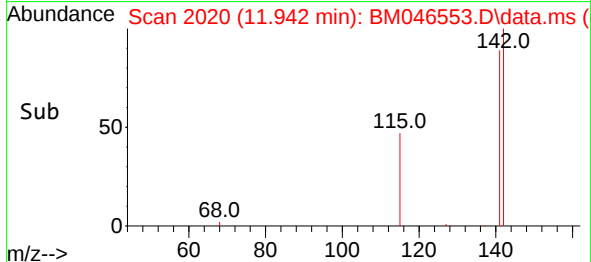
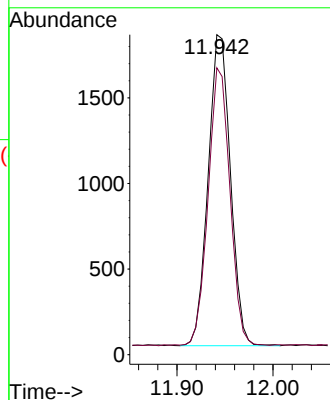
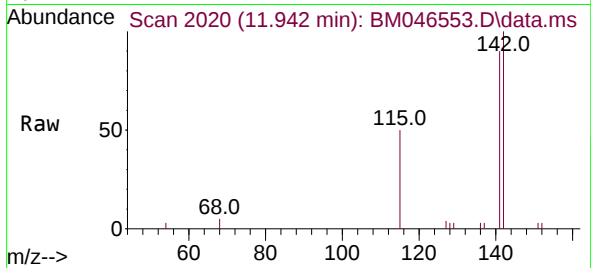




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 11.942 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

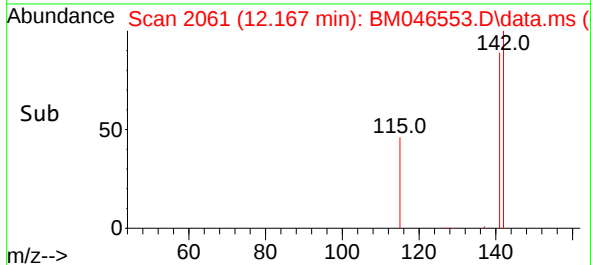
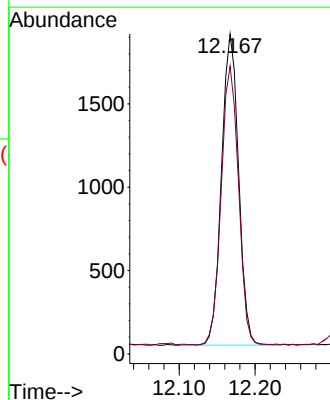
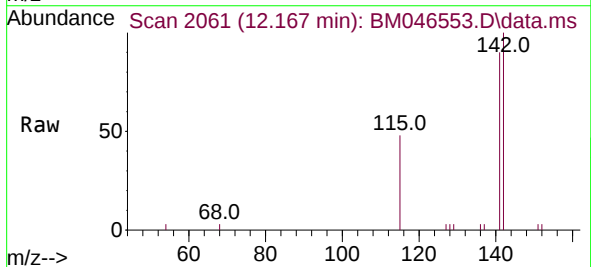
Instrument :
BNA_M
ClientSampleId :
E1GM5MS

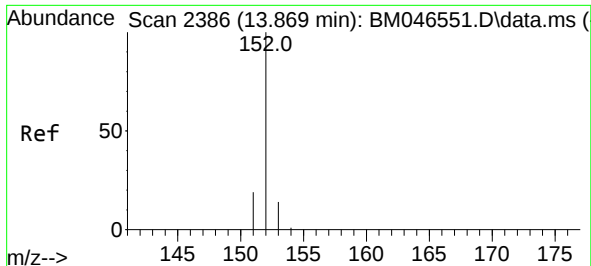
Tgt Ion:142 Resp: 2936
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.167 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:142 Resp: 2912
Ion Ratio Lower Upper
142 100
141 91.0 73.9 110.9

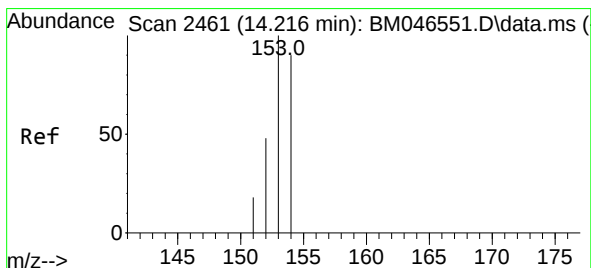
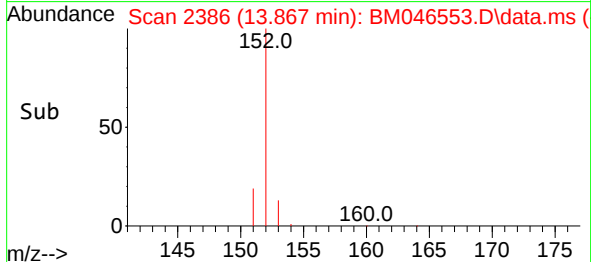
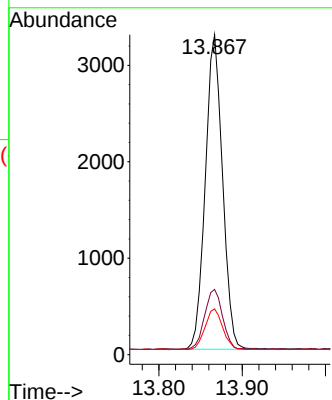
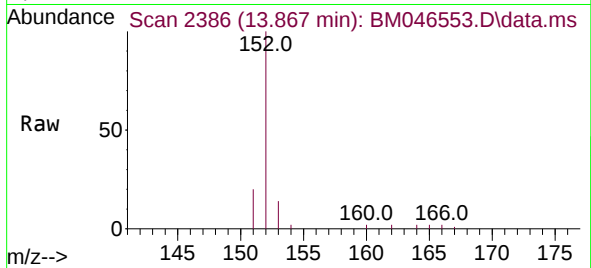




#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

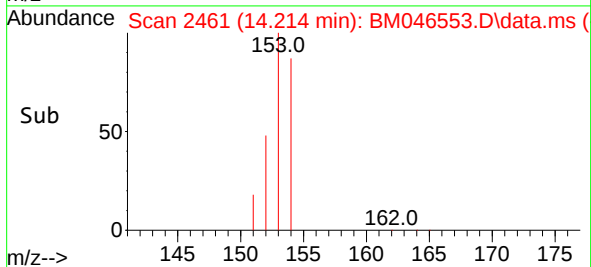
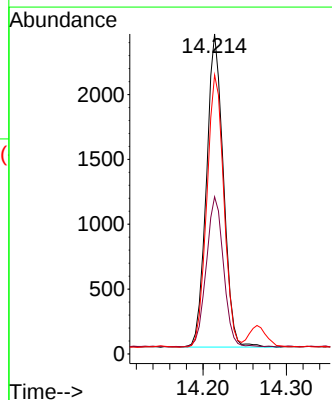
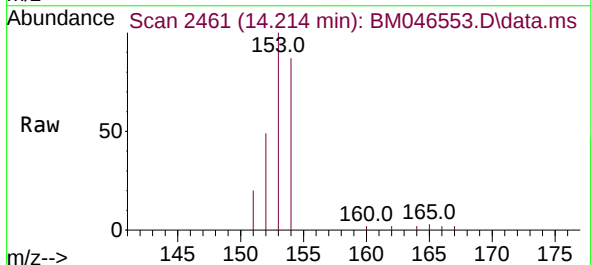
Instrument :
BNA_M
ClientSampleId :
E1GM5MS

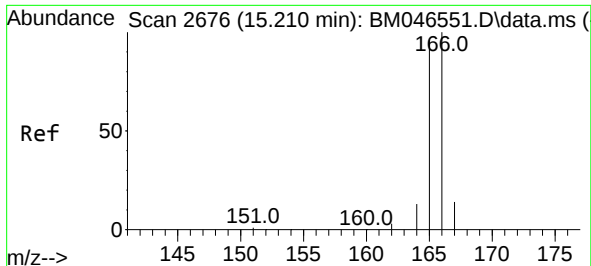
Tgt Ion:152 Resp: 4680
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 14.3 12.4 18.6



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:153 Resp: 3414
Ion Ratio Lower Upper
153 100
152 49.1 43.0 64.6
154 87.2 69.9 104.9

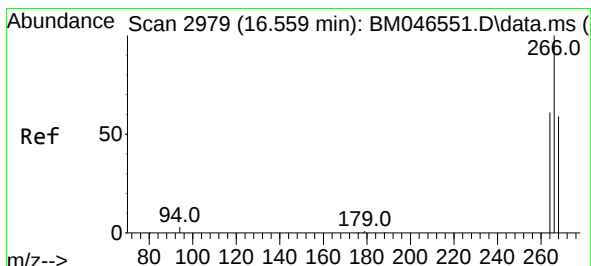
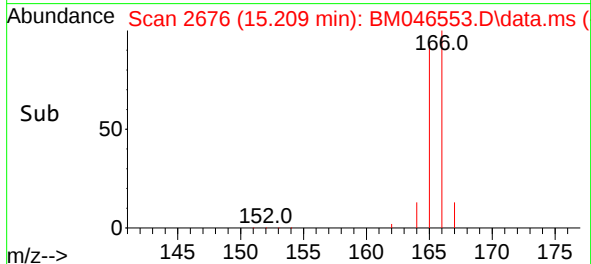
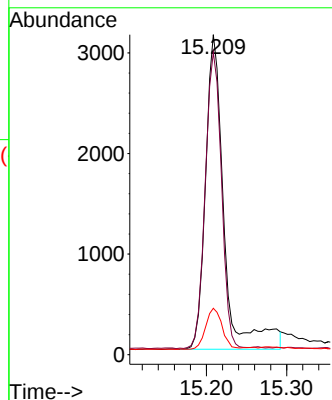
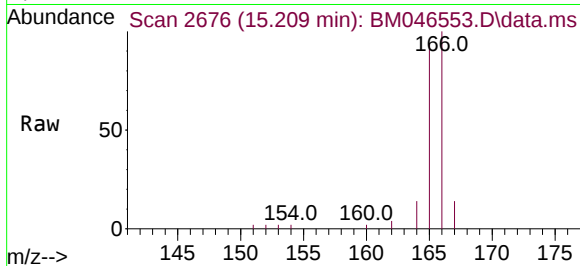




#12
 Fluorene
 Concen: 0.431 ng/ul
 RT: 15.209 min Scan# 2676
 Delta R.T. -0.005 min
 Lab File: BM046553.D
 Acq: 12 Jul 2024 20:05

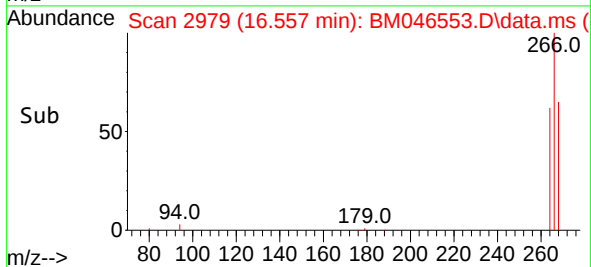
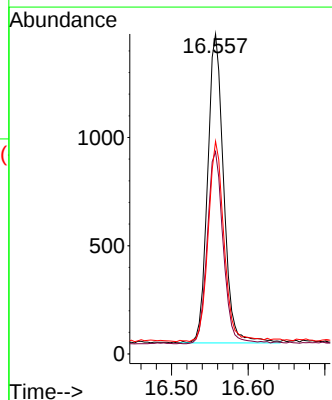
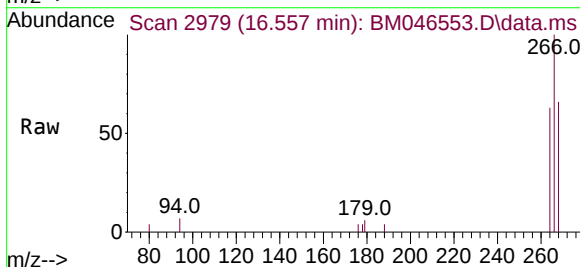
Instrument :
 BNA_M
 ClientSampleId :
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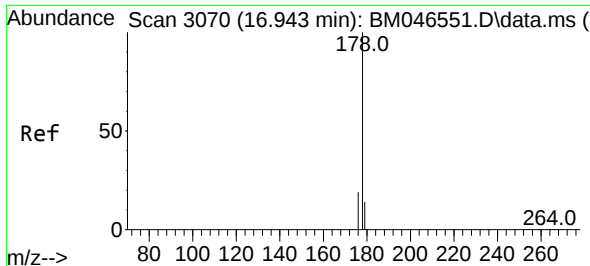
Tgt Ion:166 Resp: 5002
 Ion Ratio Lower Upper
 166 100
 165 94.5 76.1 114.1
 167 14.5 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.612 ng/ul
 RT: 16.557 min Scan# 2979
 Delta R.T. -0.004 min
 Lab File: BM046553.D
 Acq: 12 Jul 2024 20:05

Tgt Ion:266 Resp: 2077
 Ion Ratio Lower Upper
 266 100
 264 61.9 50.1 75.1
 268 63.5 52.5 78.7

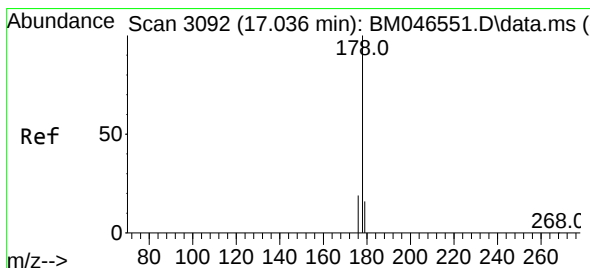
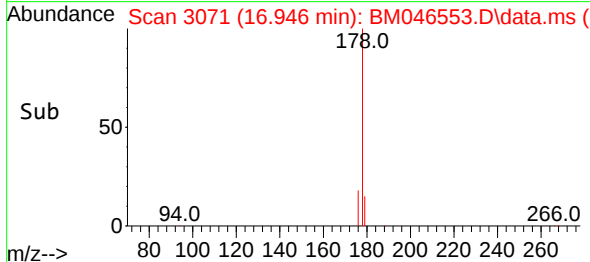
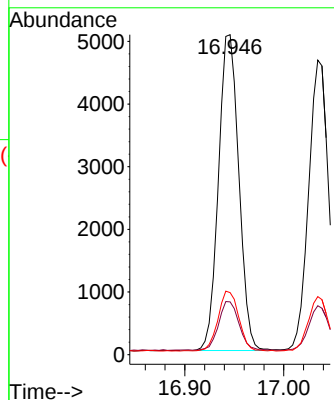
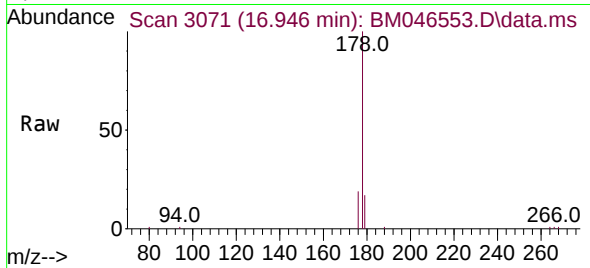




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 16.946 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

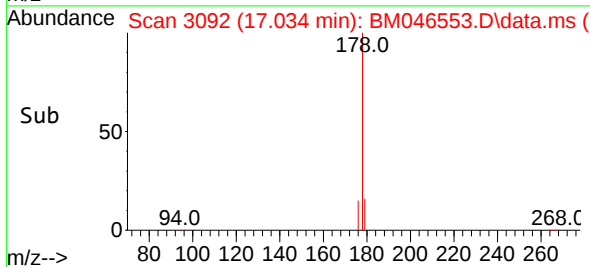
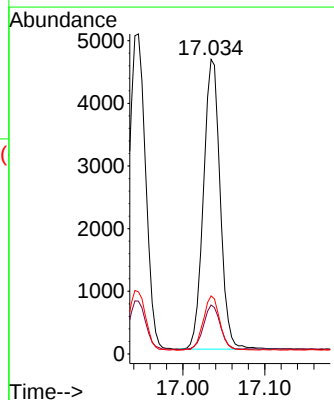
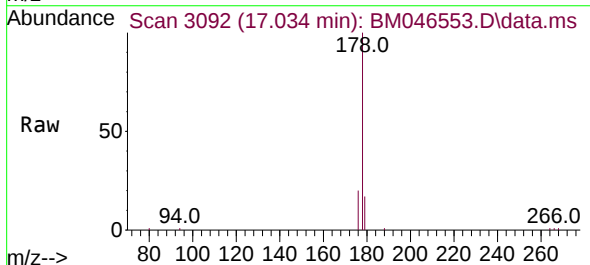
Instrument :
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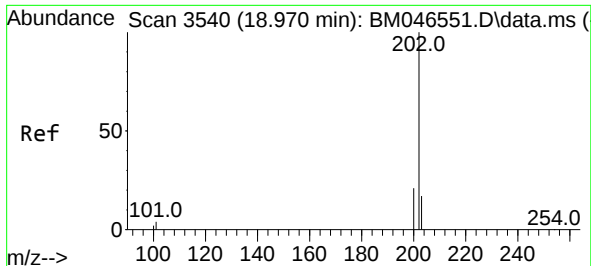
Tgt Ion:	178	Resp:	7191
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.1	19.7
176	19.4	16.0	24.0



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.034 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:	178	Resp:	6544
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.5	20.3
176	19.7	15.7	23.5

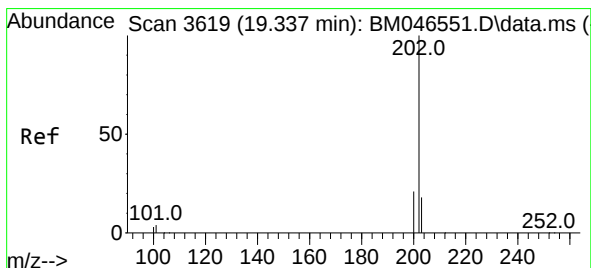
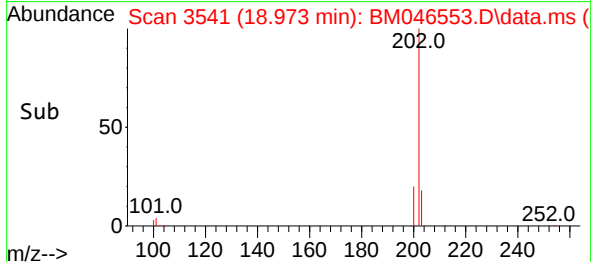
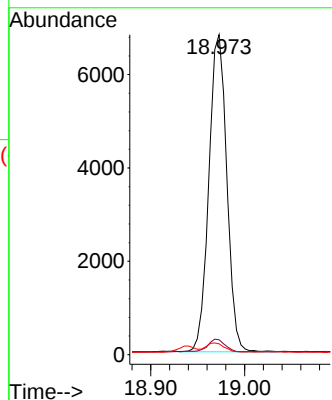
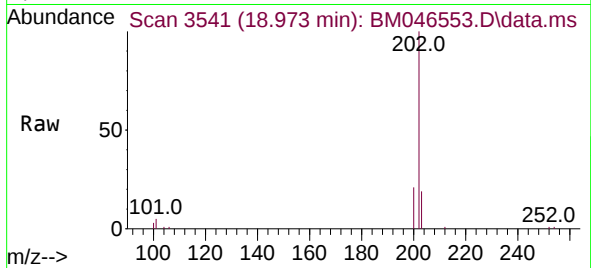




#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. -0.005 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

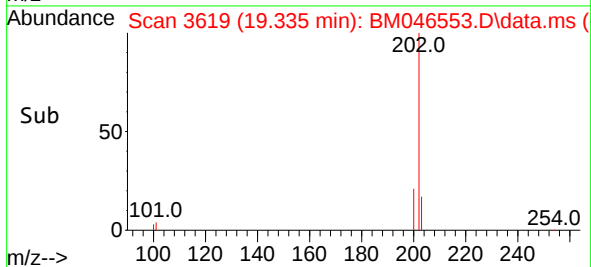
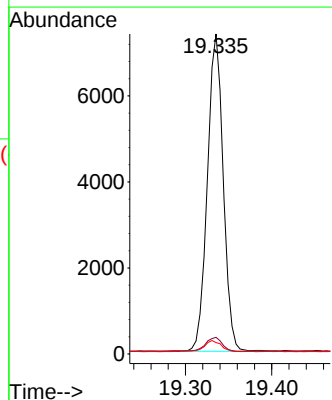
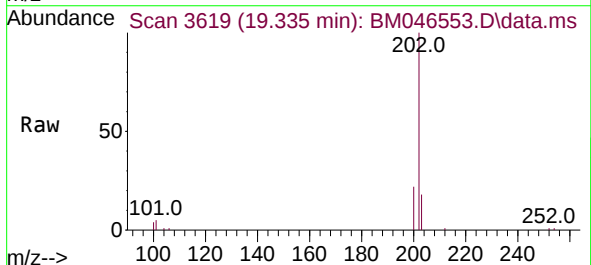
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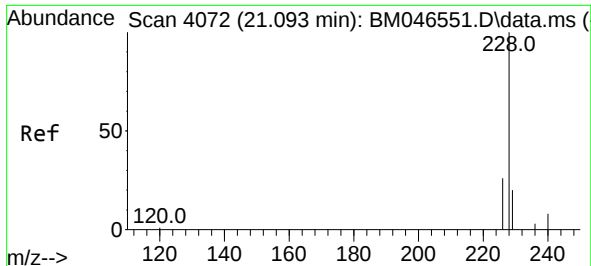
Tgt Ion:202 Resp: 9014
Ion Ratio Lower Upper
202 100
101 4.7 4.6 6.8
100 3.4 3.0 4.6



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.335 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:202 Resp: 9432
Ion Ratio Lower Upper
202 100
101 5.2 5.1 7.7
100 3.5 3.8 5.6#

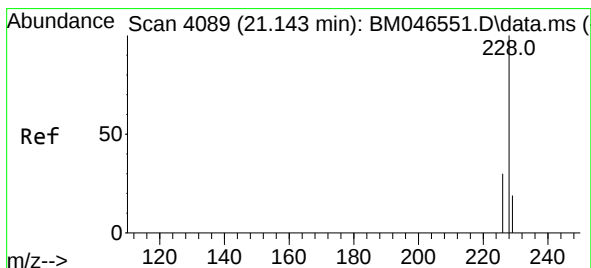
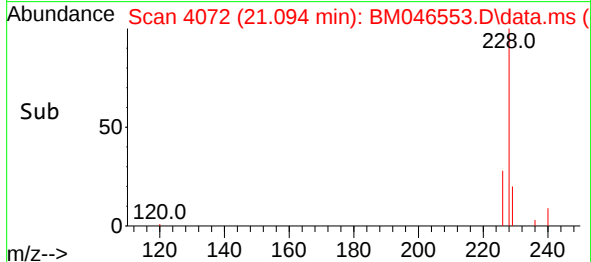
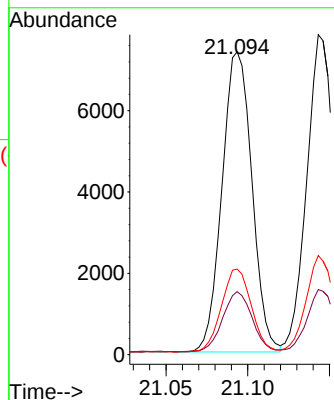
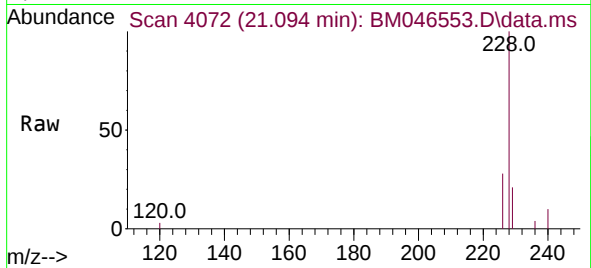




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.094 min Scan# 4072
Delta R.T. -0.003 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

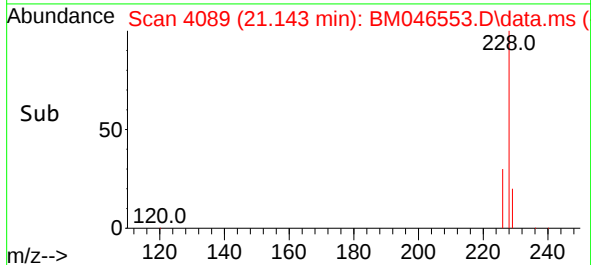
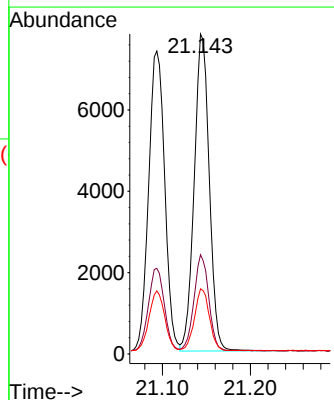
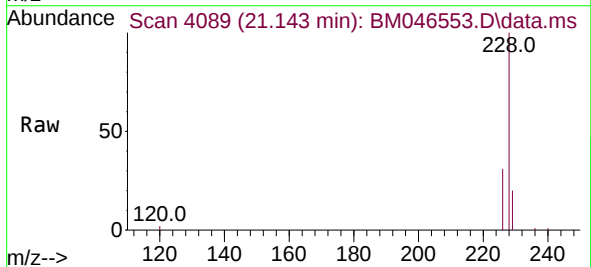
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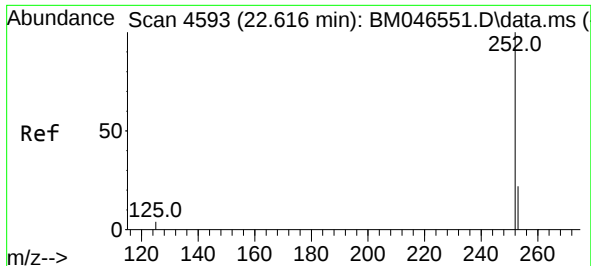
Tgt Ion:228 Resp: 9400
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. -0.006 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:228 Resp: 9279
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.4 16.4 24.6

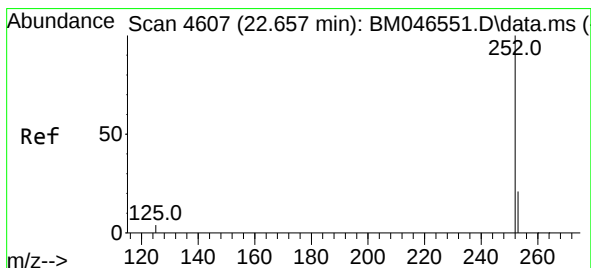
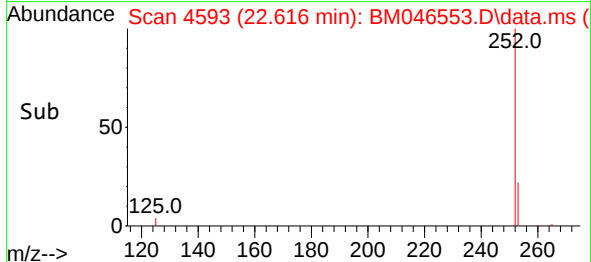
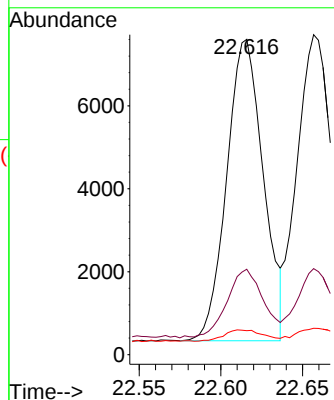
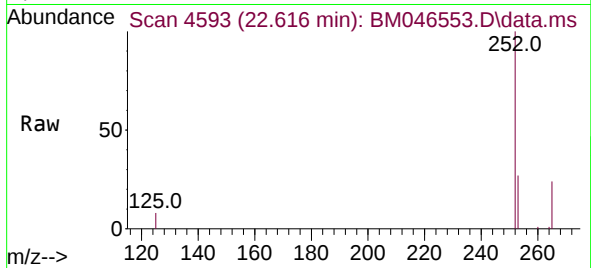




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

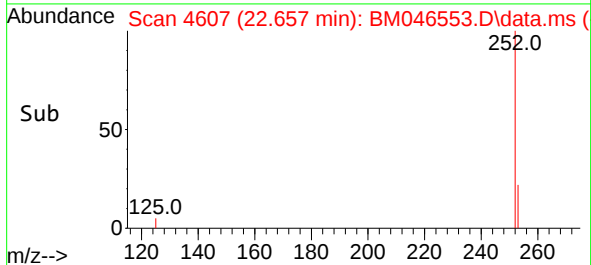
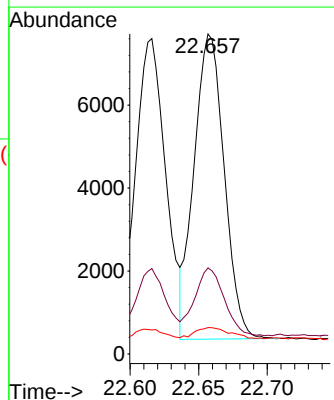
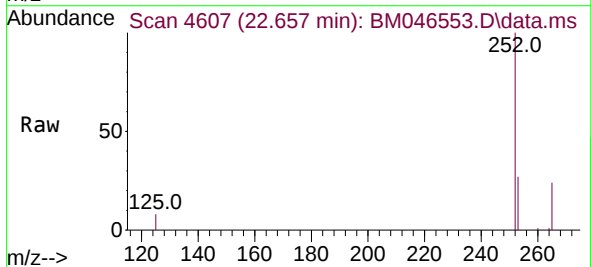
Instrument :
BNA_M
ClientSampleId :
E1GM5MS

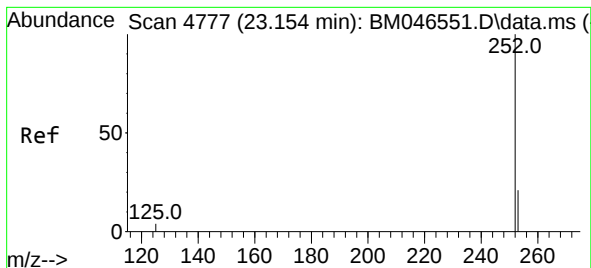
Tgt Ion:	252	Resp:	11319
Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	56.2
125	7.6	0.0	17.8



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:	252	Resp:	11240
Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.4	33.6
125	8.2	7.0	10.4





#26

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.157 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046553.D

Acq: 12 Jul 2024 20:05

Instrument :

BNA_M

ClientSampleId :

E1GM5MS

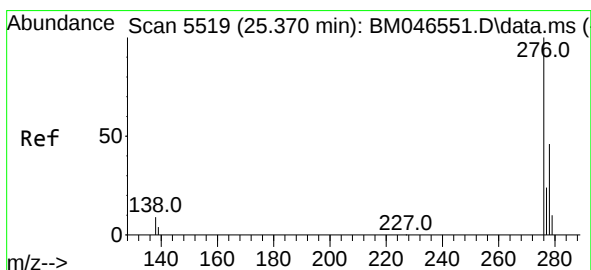
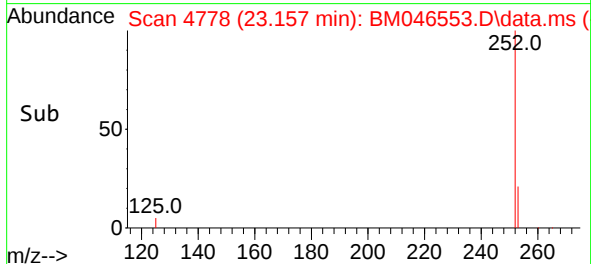
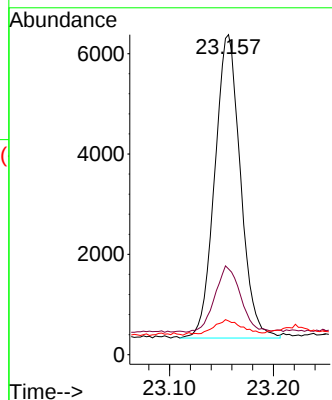
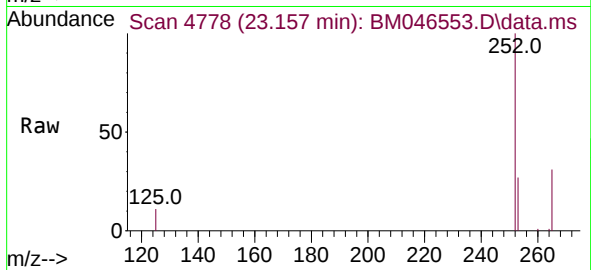
Tgt Ion:252 Resp: 10376

Ion Ratio Lower Upper

252 100

253 26.8 24.0 36.0

125 10.6 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.431 ng/ul

RT: 25.370 min Scan# 5519

Delta R.T. -0.013 min

Lab File: BM046553.D

Acq: 12 Jul 2024 20:05

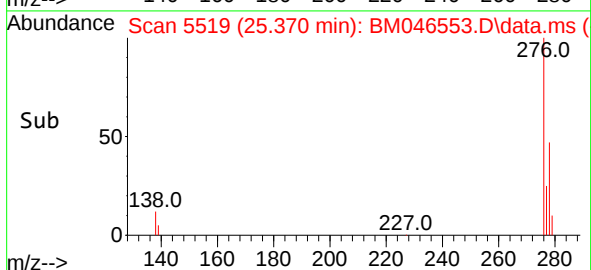
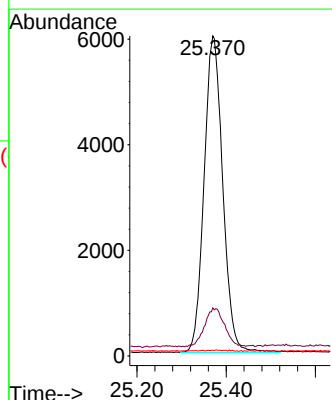
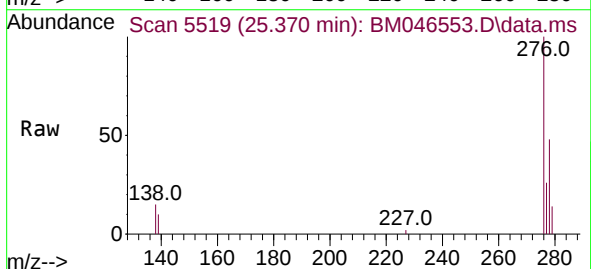
Tgt Ion:276 Resp: 17405

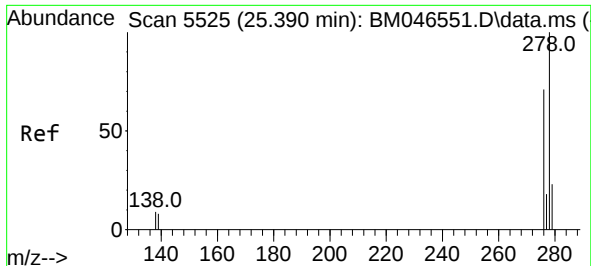
Ion Ratio Lower Upper

276 100

138 13.1 0.0 0.0#

227 0.2 0.2 0.2

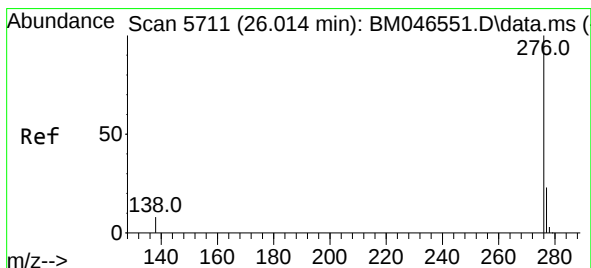
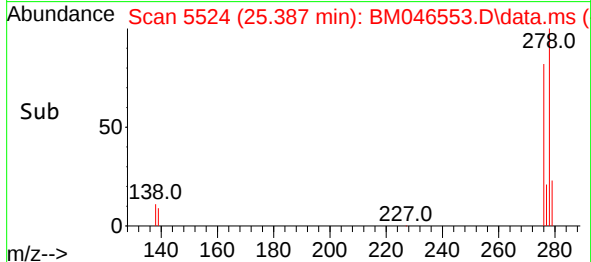
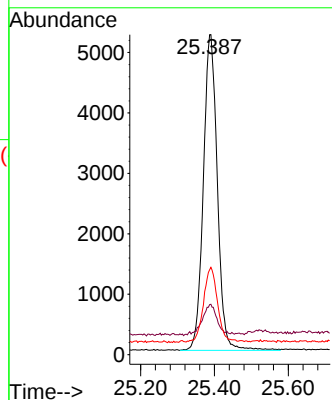
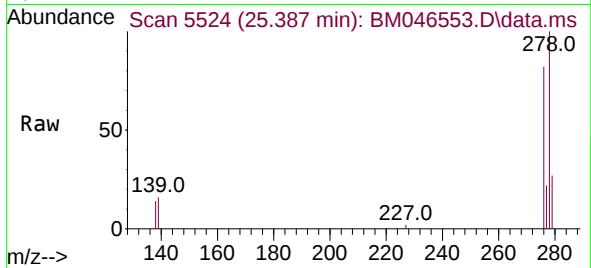




#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 25.387 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Instrument :
BNA_M
ClientSampleId :
E1GM5MS

Tgt Ion:278 Resp: 13785
Ion Ratio Lower Upper
278 100
139 15.7 9.1 13.7#
279 26.5 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.011 min Scan# 5710
Delta R.T. -0.010 min
Lab File: BM046553.D
Acq: 12 Jul 2024 20:05

Tgt Ion:276 Resp: 14210
Ion Ratio Lower Upper
276 100
138 15.0 10.2 15.4
277 25.2 20.9 31.3

