

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046554.D
 Acq On : 12 Jul 2024 20:42
 Operator : MA/JU
 Sample : P3059-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1GM5MSD

Quant Time: Jul 13 00:36:01 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

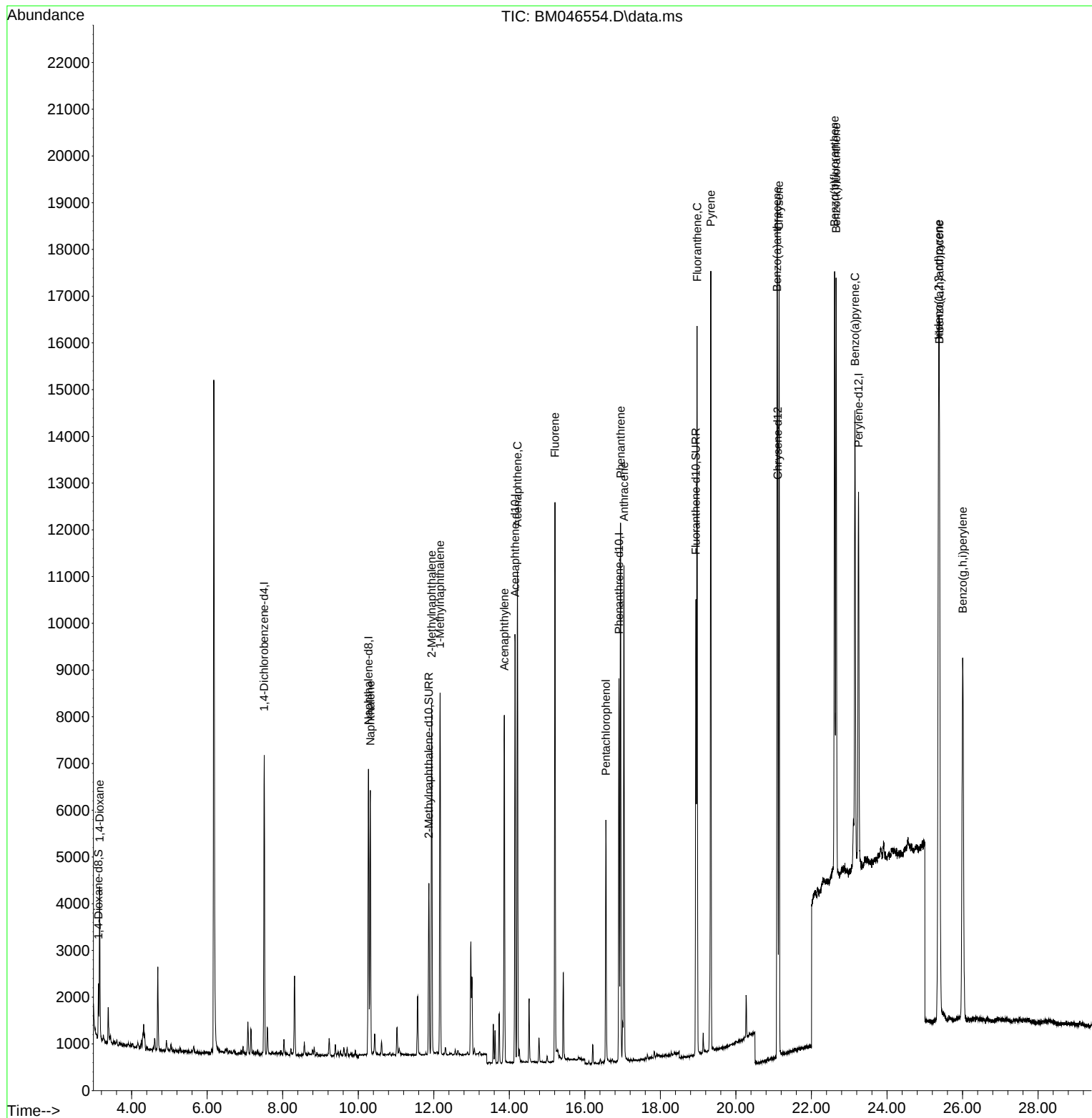
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	7982	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.154	164	4884	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	10204	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	8152	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	9948	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	700	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	4605	0.358	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	11131	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.151	88	1952	0.723	ng/ul#	75
5) Naphthalene	10.319	128	7457	0.367	ng/ul	97
7) 2-Methylnaphthalene	11.942	142	5152	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.167	142	5168	0.355	ng/ul	99
10) Acenaphthylene	13.867	152	8170	0.367	ng/ul	98
11) Acenaphthene	14.214	153	5902	0.396	ng/ul	98
12) Fluorene	15.209	166	7880	0.428	ng/ul	97
14) Pentachlorophenol	16.557	266	3256	0.630	ng/ul	97
15) Phenanthrene	16.946	178	11856	0.407	ng/ul	99
16) Anthracene	17.034	178	10658	0.375	ng/ul	99
19) Fluoranthene	18.973	202	14178	0.423	ng/ul	99
20) Pyrene	19.335	202	14923	0.412	ng/ul	99
21) Benzo(a)anthracene	21.091	228	14062	0.390	ng/ul	99
22) Chrysene	21.143	228	13562	0.389	ng/ul	100
24) Benzo(b)fluoranthene	22.613	252	15550	0.391	ng/ul	94
25) Benzo(k)fluoranthene	22.654	252	15175	0.389	ng/ul#	94
26) Benzo(a)pyrene	23.151	252	13765	0.421	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.367	276	20254	0.407	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.387	278	15816	0.401	ng/ul#	91
29) Benzo(g,h,i)perylene	26.004	276	15912	0.401	ng/ul#	95

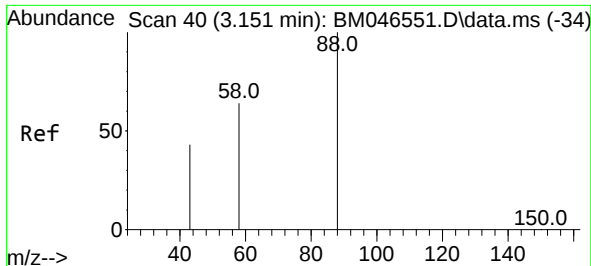
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 13 00:36:01 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





#2
1,4-Dioxane

Concen: 0.723 ng/ul

RT: 3.151 min Scan# 40

Delta R.T. 0.000 min

Lab File: BM046554.D

Acq: 12 Jul 2024 20:42

Instrument :

BNA_M

ClientSampleId :

E1GM5MSD

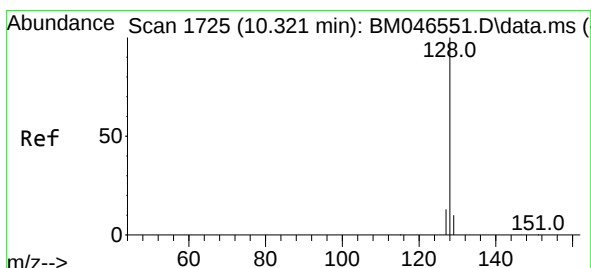
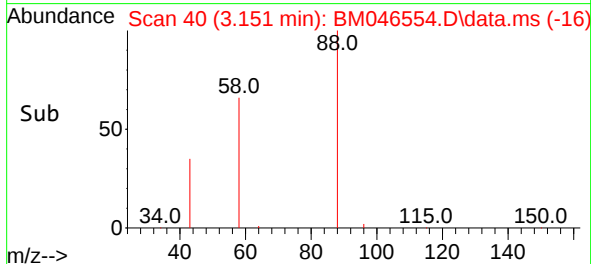
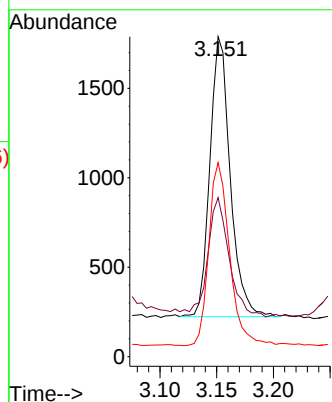
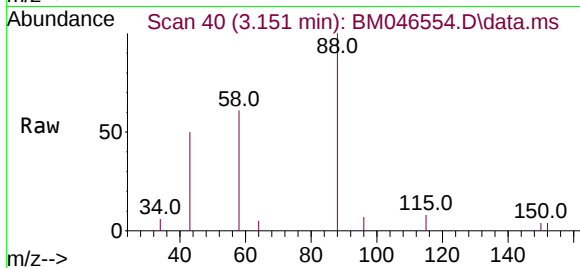
Tgt Ion: 88 Resp: 1952

Ion Ratio Lower Upper

88 100

43 49.7 70.2 105.4#

58 60.6 48.2 72.4



#5

Naphthalene

Concen: 0.367 ng/ul

RT: 10.319 min Scan# 1725

Delta R.T. -0.005 min

Lab File: BM046554.D

Acq: 12 Jul 2024 20:42

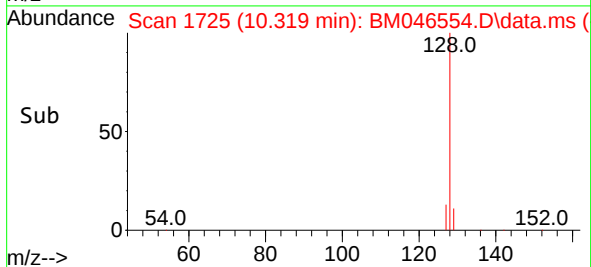
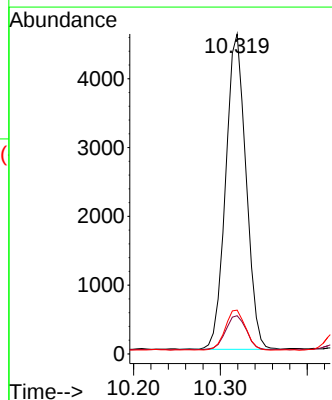
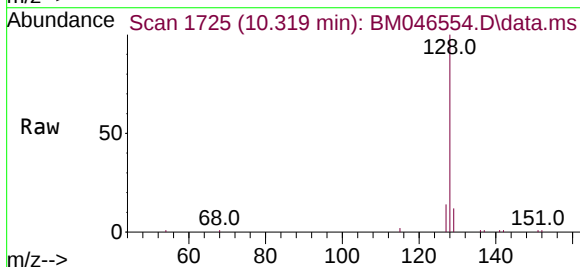
Tgt Ion: 128 Resp: 7457

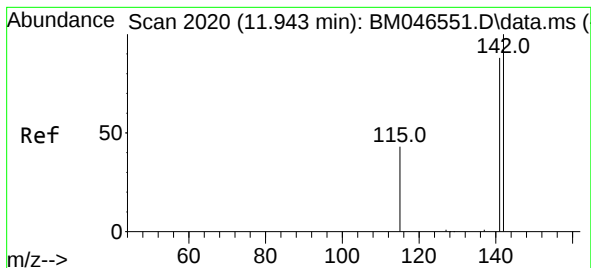
Ion Ratio Lower Upper

128 100

129 11.9 10.3 15.5

127 13.7 12.2 18.4





#7

2-Methylnaphthalene

Concen: 0.361 ng/ul

RT: 11.942 min Scan# 20

Delta R.T. -0.005 min

Lab File: BM046554.D

Acq: 12 Jul 2024 20:42

Instrument :

BNA_M

ClientSampleId :

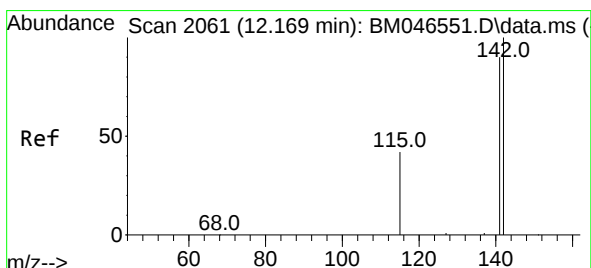
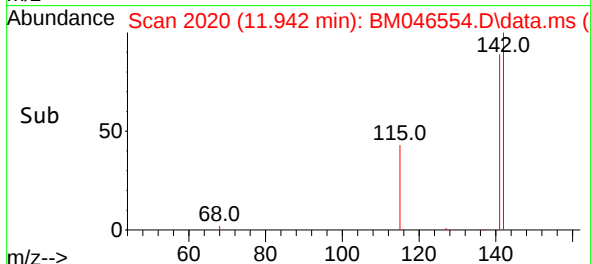
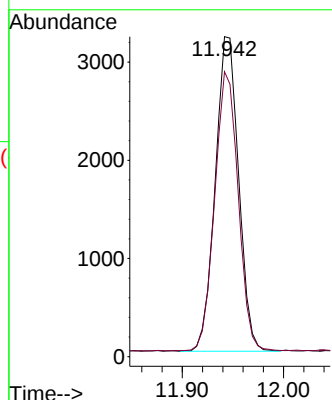
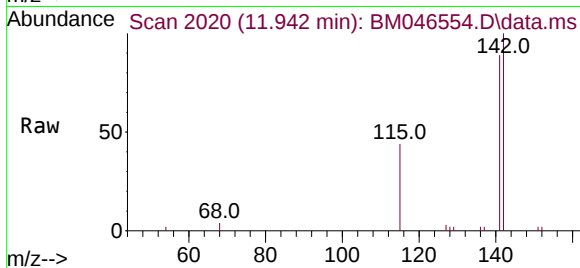
E1GM5MSD

Tgt Ion:142 Resp: 5152

Ion Ratio Lower Upper

142 100

141 89.1 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.355 ng/ul

RT: 12.167 min Scan# 2061

Delta R.T. -0.005 min

Lab File: BM046554.D

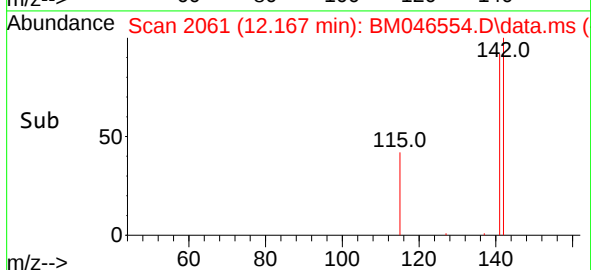
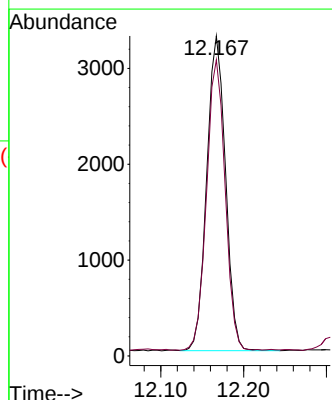
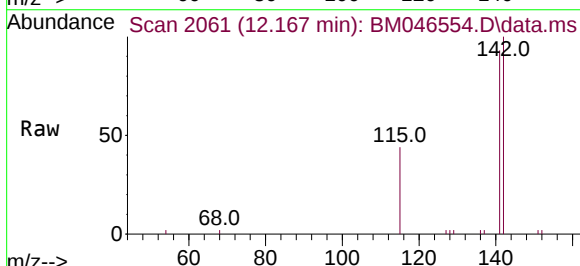
Acq: 12 Jul 2024 20:42

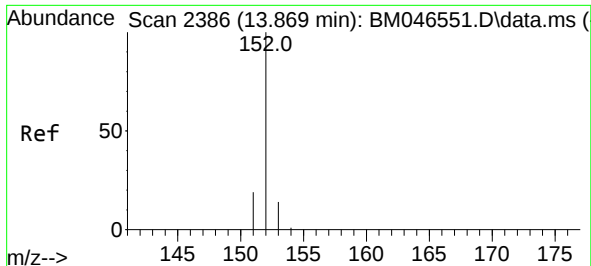
Tgt Ion:142 Resp: 5168

Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

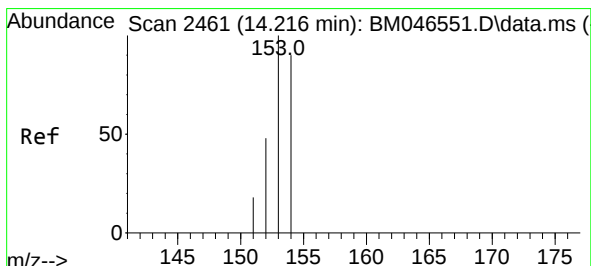
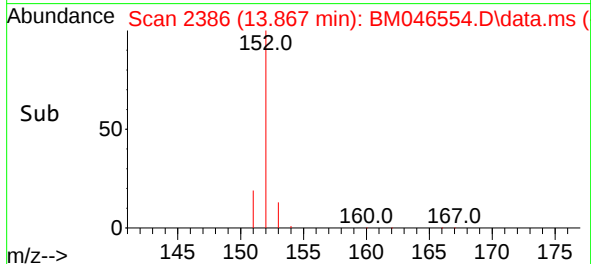
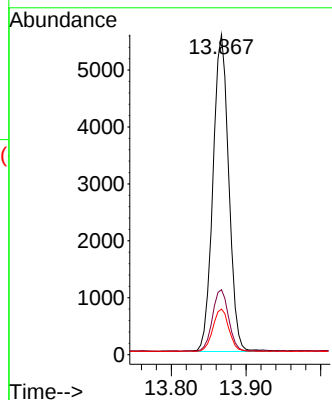
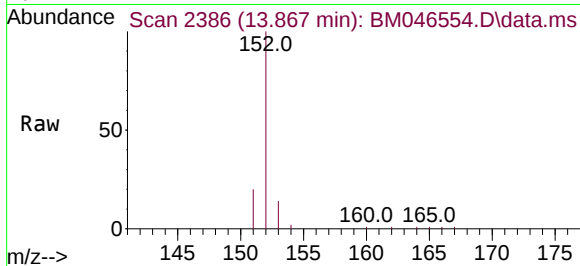




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

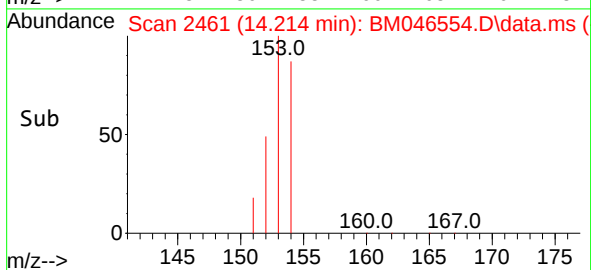
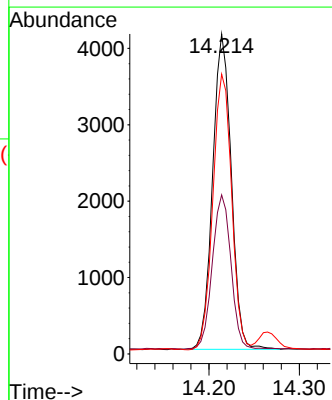
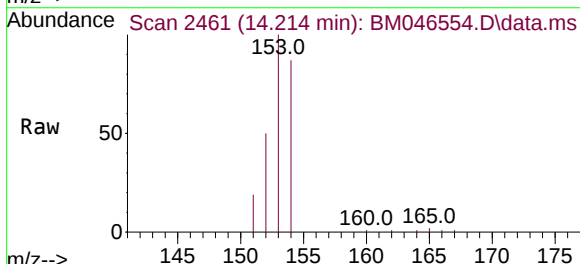
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

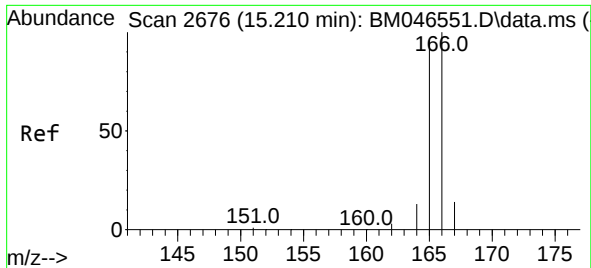
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	14.2	12.4	18.6



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.7	43.0	64.6
154	87.4	69.9	104.9

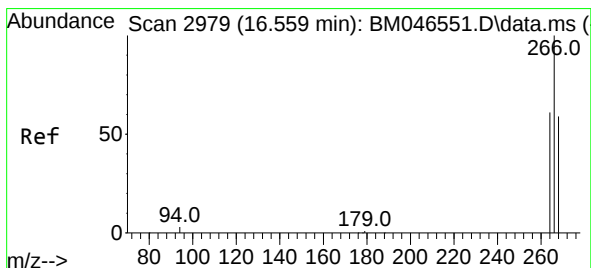
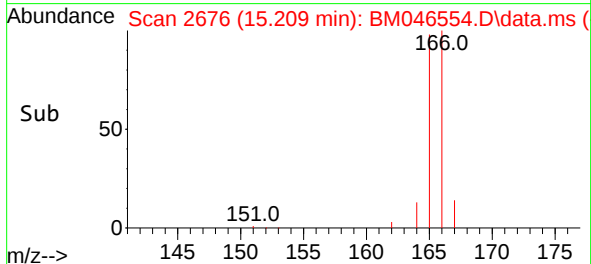
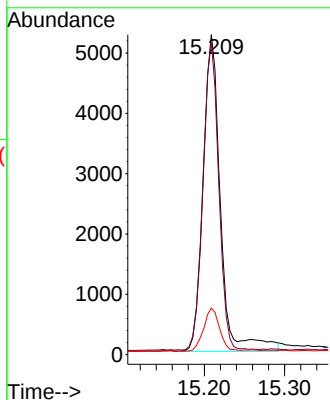
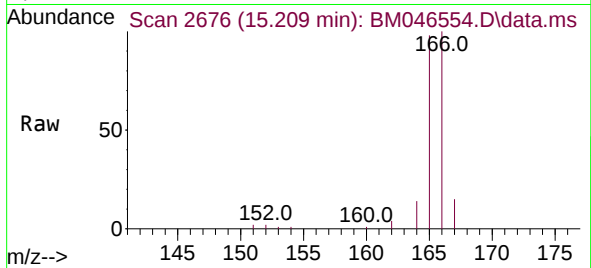




#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. -0.005 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

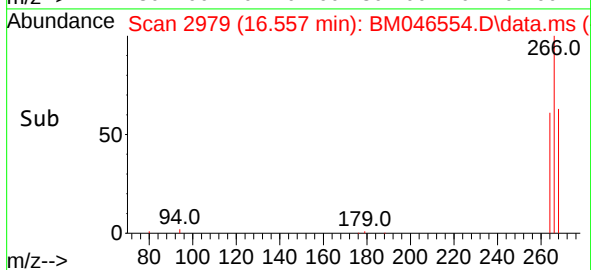
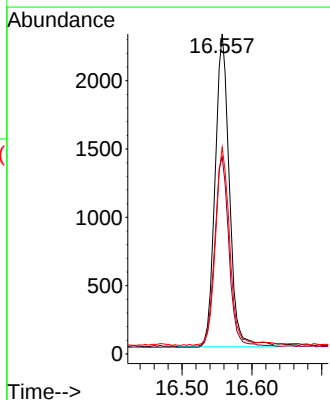
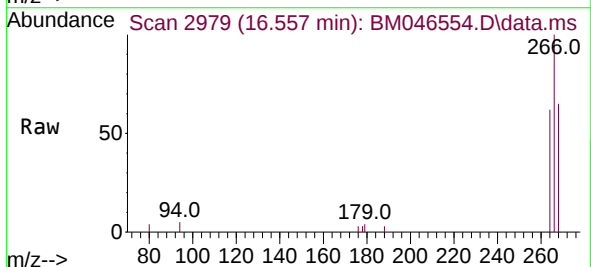
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

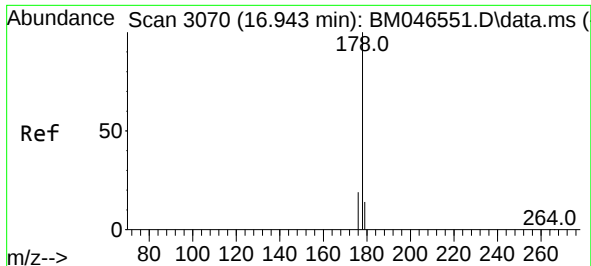
Tgt Ion:166 Resp: 7880
Ion Ratio Lower Upper
166 100
165 97.9 76.1 114.1
167 14.6 12.5 18.7



#14
Pentachlorophenol
Concen: 0.630 ng/ul
RT: 16.557 min Scan# 2979
Delta R.T. -0.004 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

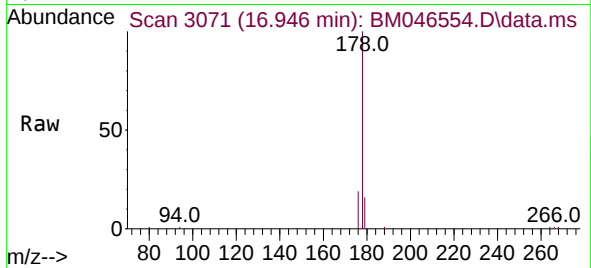
Tgt Ion:266 Resp: 3256
Ion Ratio Lower Upper
266 100
264 61.4 50.1 75.1
268 62.2 52.5 78.7



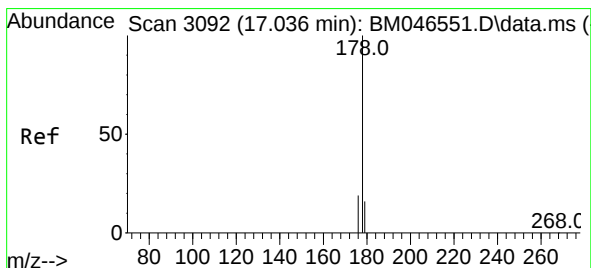
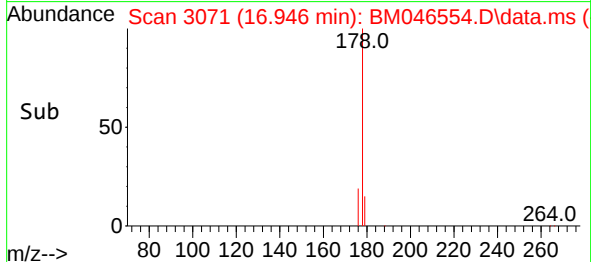
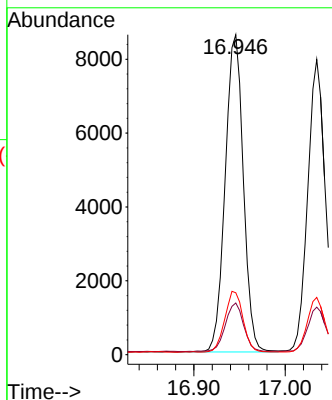


#15
Phenanthrene
Concen: 0.407 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

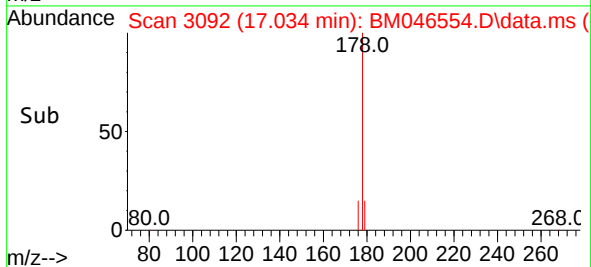
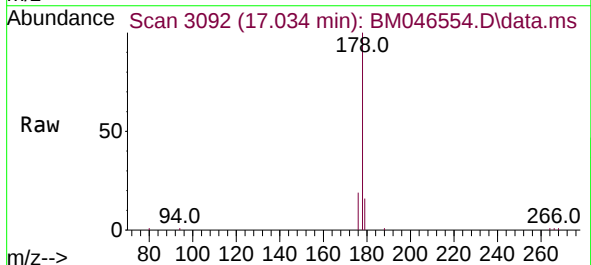
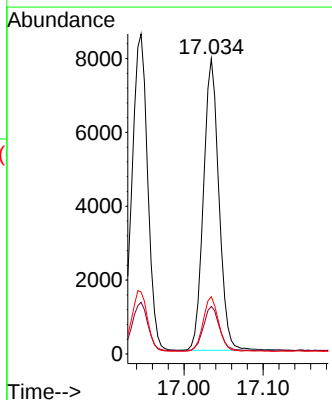


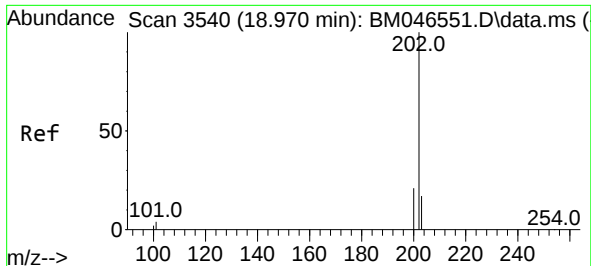
Tgt Ion:178 Resp: 11856
Ion Ratio Lower Upper
178 100
179 16.1 13.1 19.7
176 19.4 16.0 24.0



#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.034 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Tgt Ion:178 Resp: 10658
Ion Ratio Lower Upper
178 100
179 16.1 13.5 20.3
176 19.4 15.7 23.5

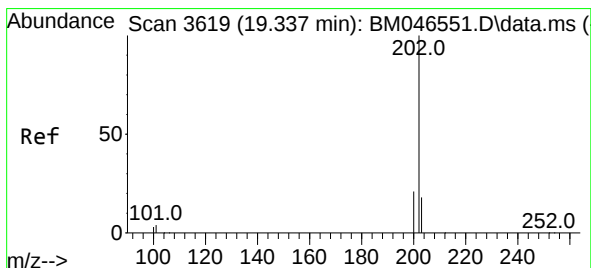
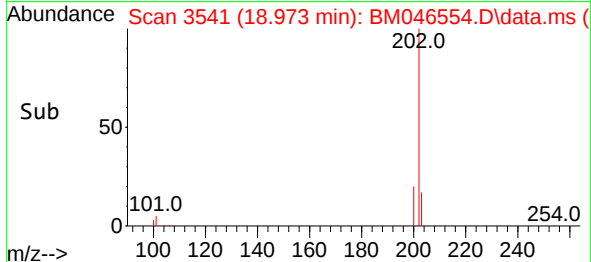
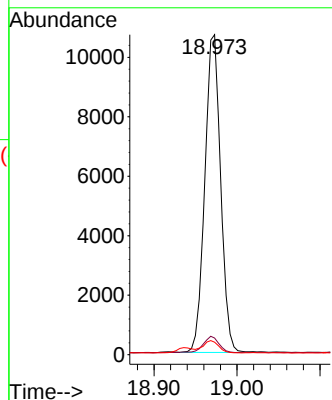
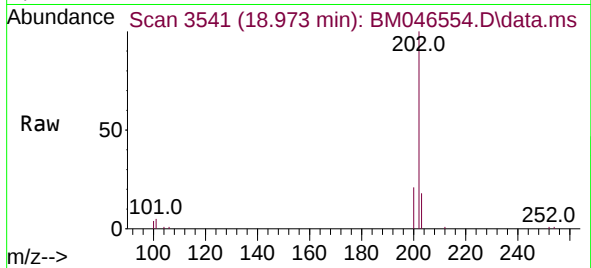




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. -0.005 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

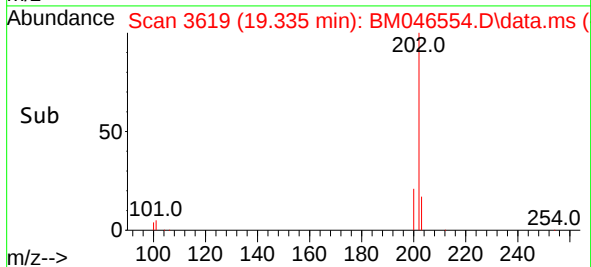
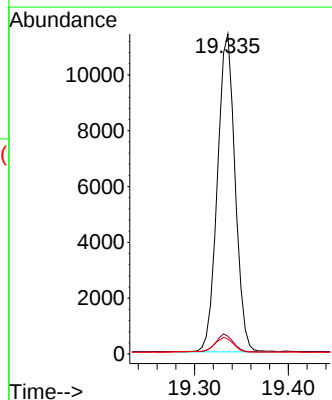
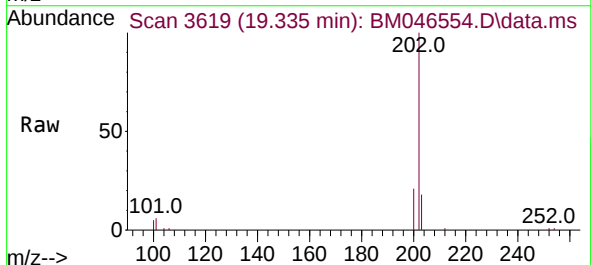
Instrument :
BNA_M
ClientSampleId :
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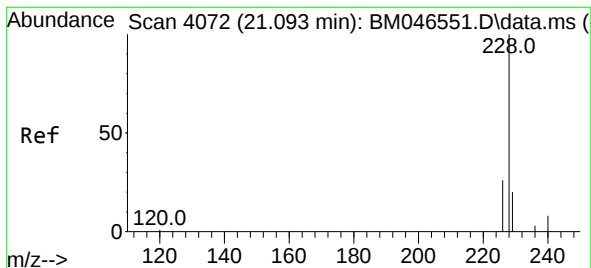
Tgt Ion:202 Resp: 14178
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.9 3.0 4.6



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.335 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Tgt Ion:202 Resp: 14923
Ion Ratio Lower Upper
202 100
101 5.6 5.1 7.7
100 4.7 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.390 ng/ul

RT: 21.091 min Scan# 4071

Delta R.T. -0.006 min

Lab File: BM046554.D

Acq: 12 Jul 2024 20:42

Instrument :

BNA_M

ClientSampleId :

E1GM5MSD

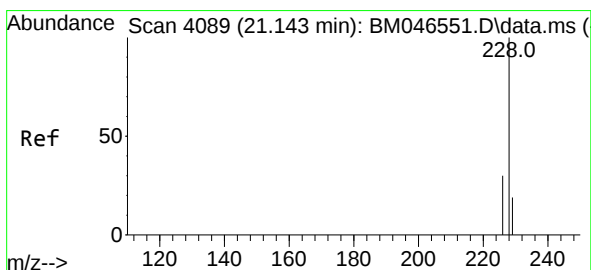
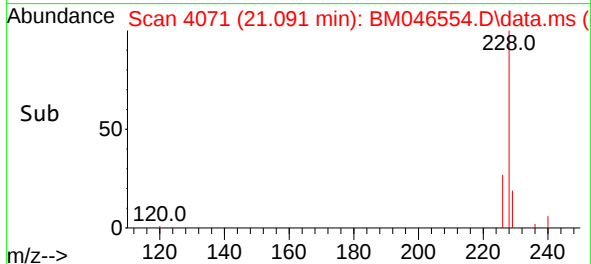
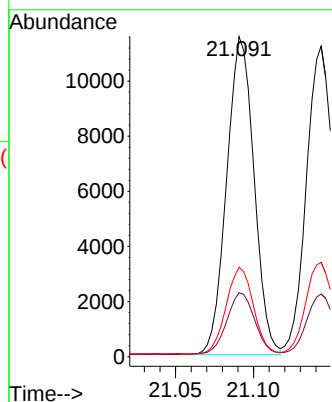
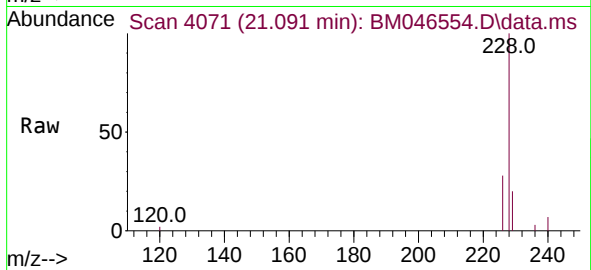
Tgt Ion:228 Resp: 14062

Ion Ratio Lower Upper

228 100

229 20.0 16.5 24.7

226 28.0 22.5 33.7



#22

Chrysene

Concen: 0.389 ng/ul

RT: 21.143 min Scan# 4089

Delta R.T. -0.006 min

Lab File: BM046554.D

Acq: 12 Jul 2024 20:42

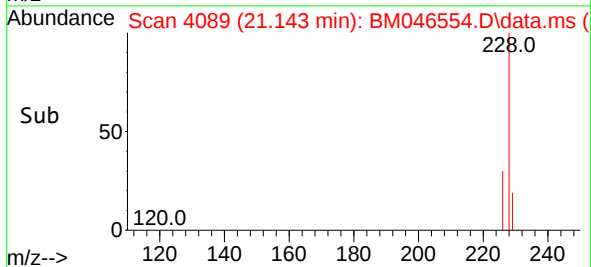
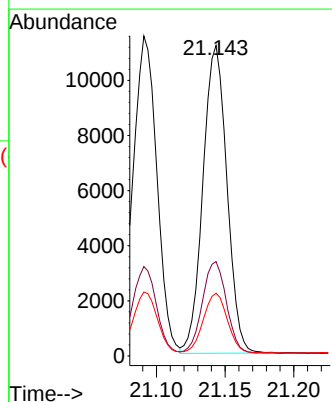
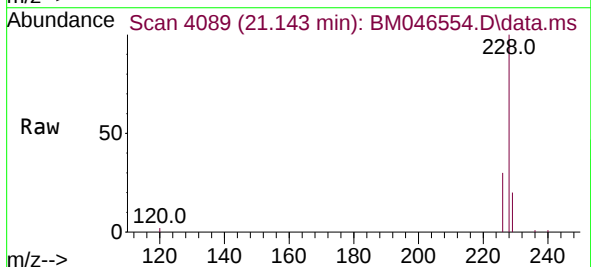
Tgt Ion:228 Resp: 13562

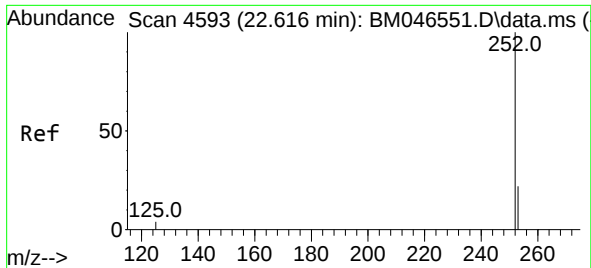
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.2 16.4 24.6

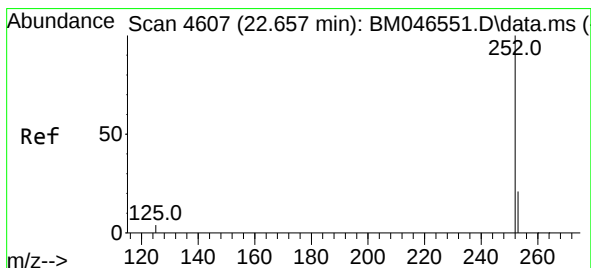
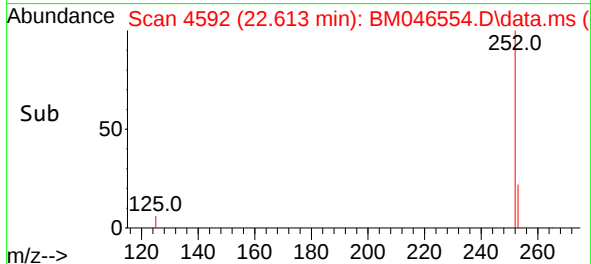
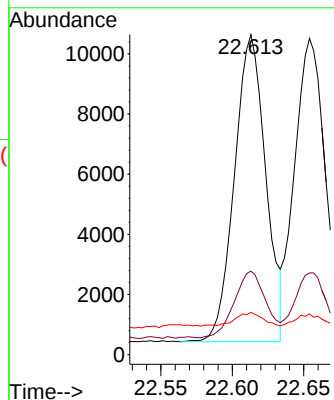
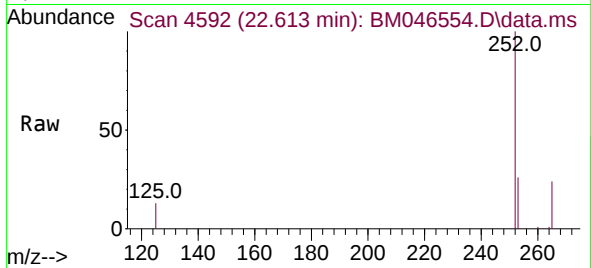




#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.613 min Scan# 4592
Delta R.T. -0.009 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

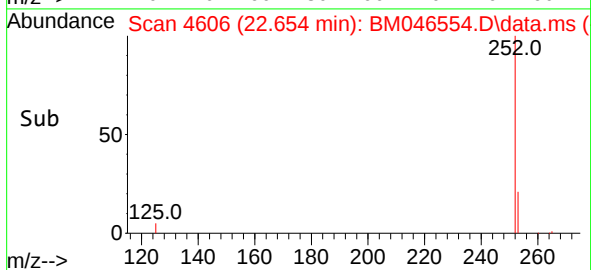
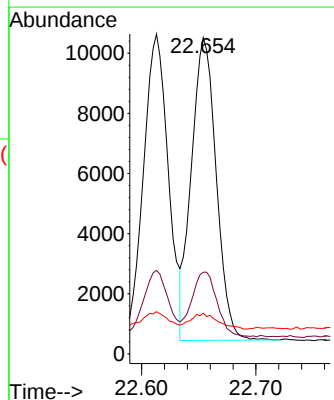
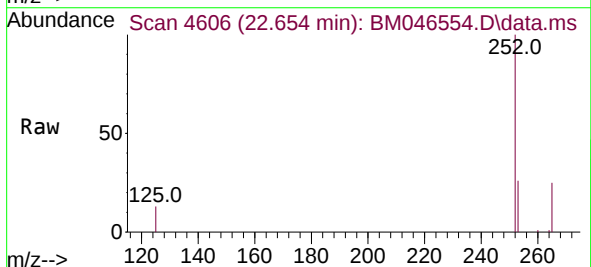
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

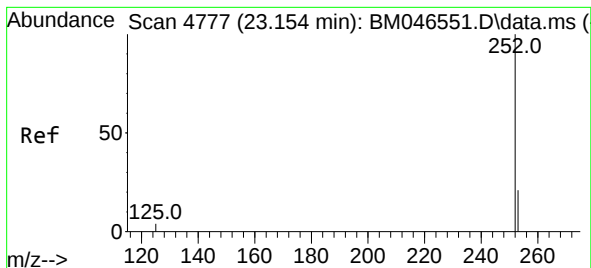
Tgt Ion:252	Resp:	15550
Ion Ratio	Lower	Upper
252	100	
253	26.1	0.0 56.2
125	13.2	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Tgt Ion:252	Resp:	15175
Ion Ratio	Lower	Upper
252	100	
253	25.9	22.4 33.6
125	12.9	7.0 10.4

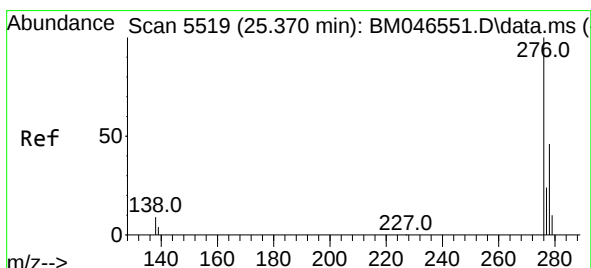
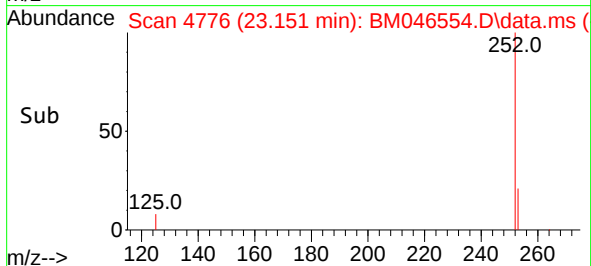
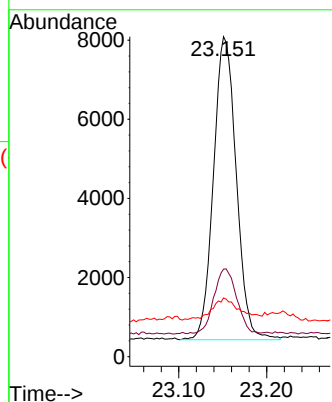
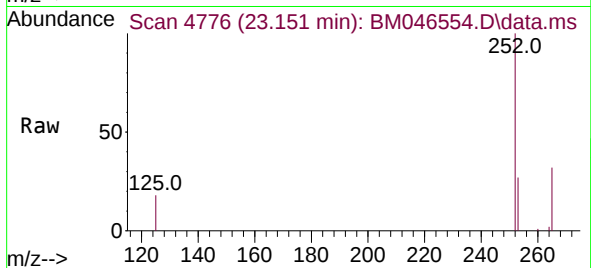




#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.151 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

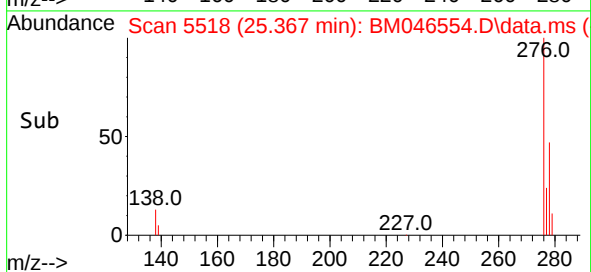
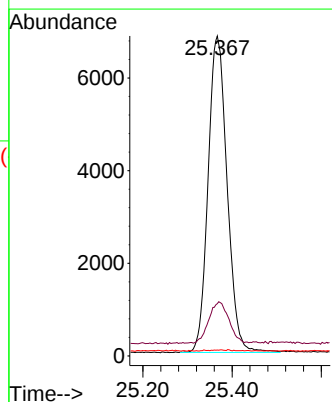
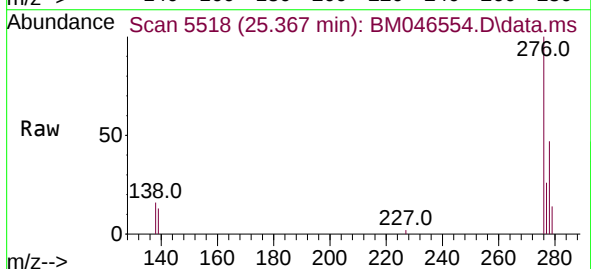
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

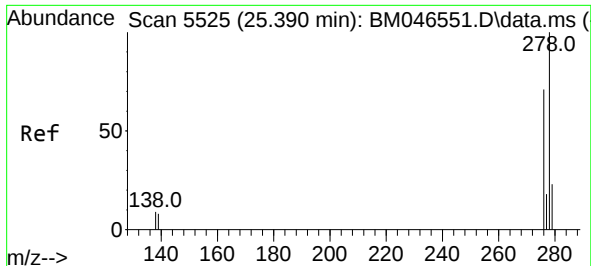
Tgt Ion:252 Resp: 13765
Ion Ratio Lower Upper
252 100
253 27.4 24.0 36.0
125 18.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.367 min Scan# 5518
Delta R.T. -0.017 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Tgt Ion:276 Resp: 20254
Ion Ratio Lower Upper
276 100
138 13.7 0.0 0.0#
227 0.1 0.2 0.2#

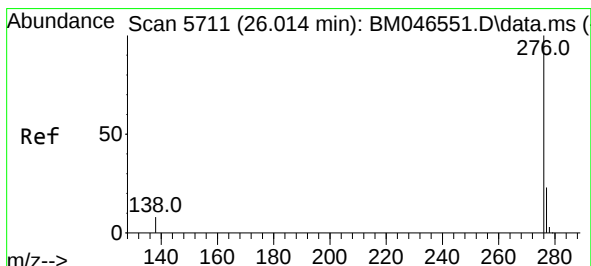
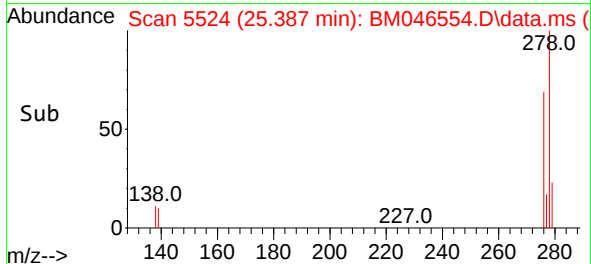
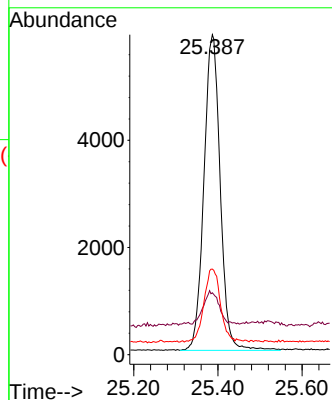
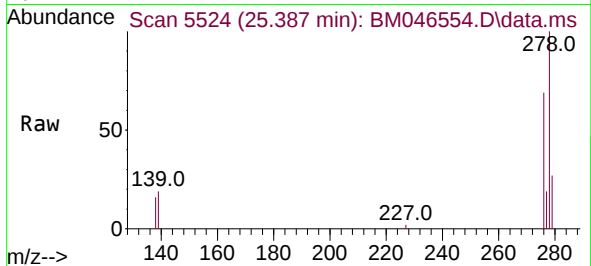




#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 25.387 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

Tgt Ion:278 Resp: 15816
Ion Ratio Lower Upper
278 100
139 19.4 9.1 13.7#
279 26.8 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. -0.017 min
Lab File: BM046554.D
Acq: 12 Jul 2024 20:42

Tgt Ion:276 Resp: 15912
Ion Ratio Lower Upper
276 100
138 17.4 10.2 15.4#
277 25.3 20.9 31.3

