

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046515.D
 Acq On : 11 Jul 2024 13:31
 Operator : MA/JU
 Sample : P3059-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1GM5MSD

Quant Time: Jul 12 04:20:48 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 04:18:37 2024
 Response via : Initial Calibration

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

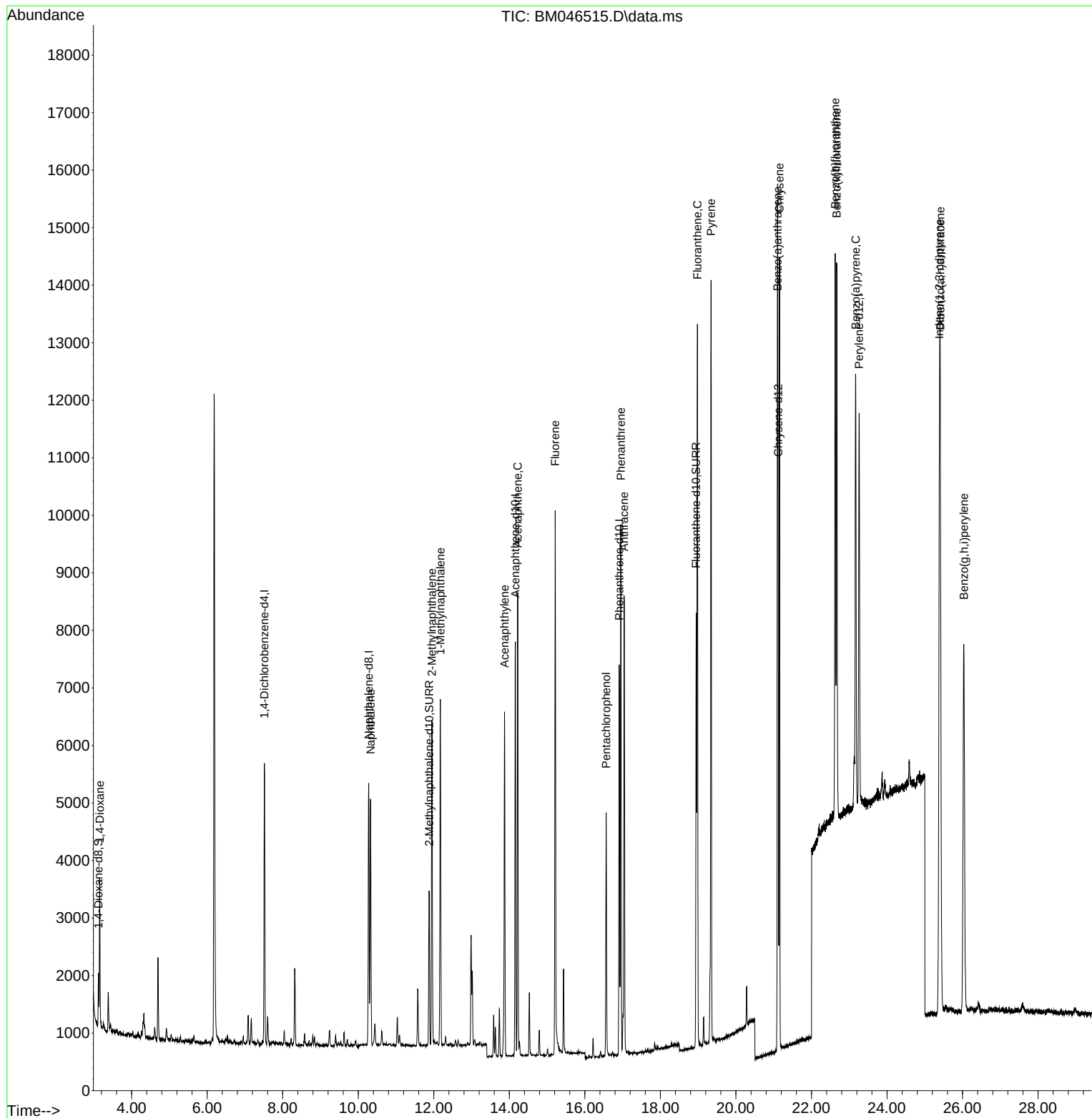
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	6138	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	3896	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.909	188	8306	0.400	ng/ul	0.00
17) Chrysene-d12	21.116	240	6593	0.400	ng/ul	0.00
23) Perylene-d12	23.261	264	7943	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	573	0.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	3462	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	8765	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	1572	0.750	ng/ul#	73
5) Naphthalene	10.326	128	5638	0.361	ng/ul	98
7) 2-Methylnaphthalene	11.948	142	3901	0.356	ng/ul	100
8) 1-Methylnaphthalene	12.174	142	3965	0.354	ng/ul	98
10) Acenaphthylene	13.873	152	6301	0.355	ng/ul	98
11) Acenaphthene	14.220	153	4508	0.379	ng/ul	98
12) Fluorene	15.214	166	7142	0.486	ng/ul	97
14) Pentachlorophenol	16.563	266	2575	0.612	ng/ul	99
15) Phenanthrene	16.951	178	9256	0.391	ng/ul	100
16) Anthracene	17.040	178	8389	0.363	ng/ul	99
19) Fluoranthene	18.979	202	11118	0.411	ng/ul	100
20) Pyrene	19.341	202	11764	0.401	ng/ul	99
21) Benzo(a)anthracene	21.102	228	11027	0.378	ng/ul	98
22) Chrysene	21.151	228	10786	0.382	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	11965	0.377	ng/ul	97
25) Benzo(k)fluoranthene	22.668	252	12188	0.391	ng/ul#	97
26) Benzo(a)pyrene	23.168	252	10669	0.409	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.390	276	16436	0.414	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.410	278	12878	0.409	ng/ul#	95
29) Benzo(g,h,i)perylene	26.034	276	13098	0.413	ng/ul#	97

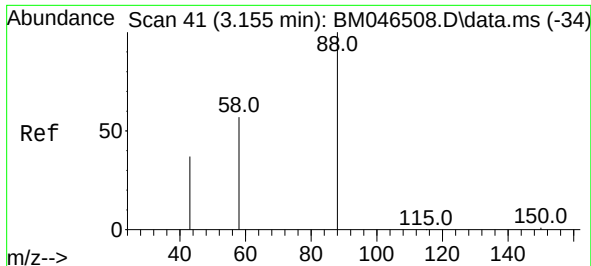
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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E1GM5MSD

Quant Time: Jul 12 04:20:48 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 04:18:37 2024
Response via : Initial Calibration

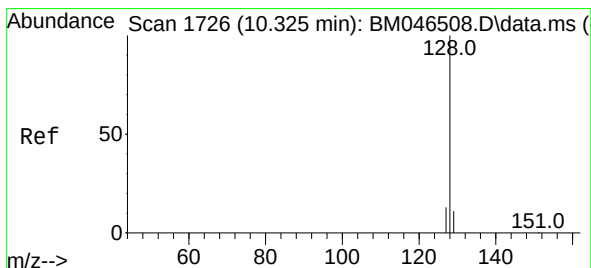
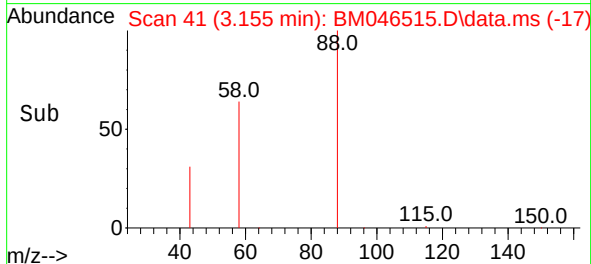
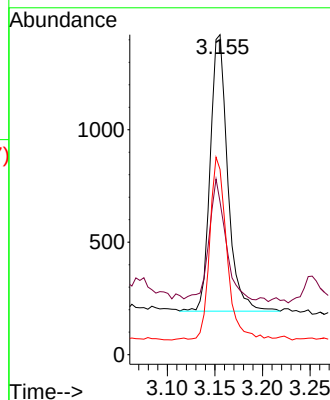
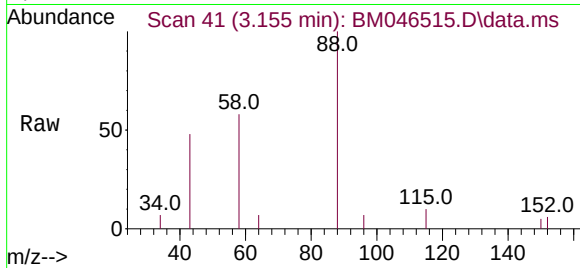




#2
1,4-Dioxane
Concen: 0.750 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

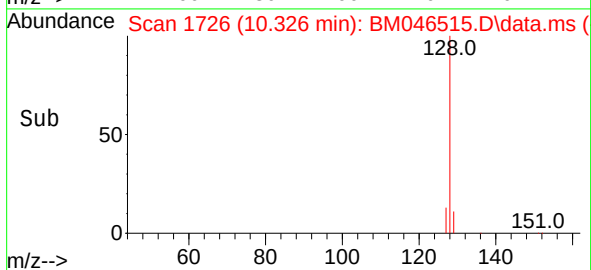
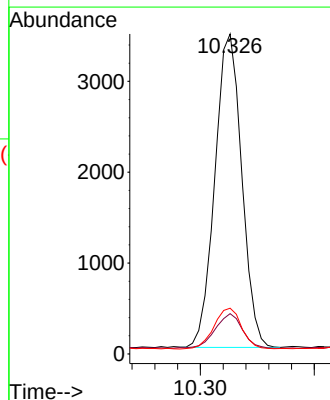
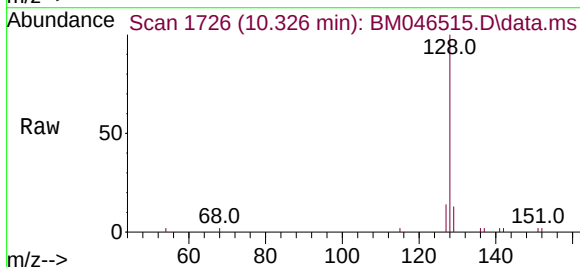
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

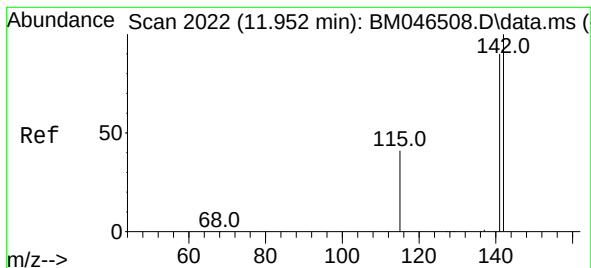
Tgt Ion: 88 Resp: 1572
Ion Ratio Lower Upper
88 100
43 47.7 70.2 105.4#
58 57.9 48.2 72.4



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.326 min Scan# 1726
Delta R.T. 0.001 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Tgt Ion: 128 Resp: 5638
Ion Ratio Lower Upper
128 100
129 12.6 10.3 15.5
127 14.3 12.2 18.4

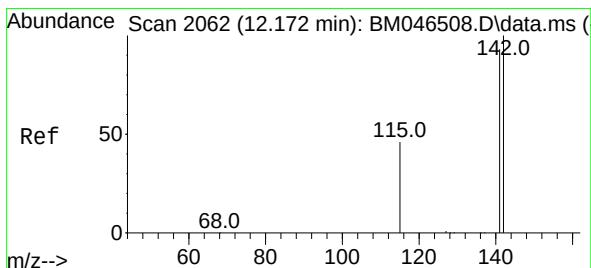
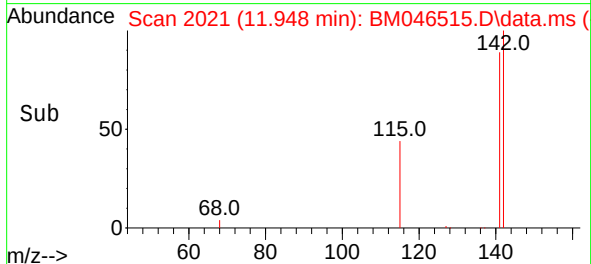
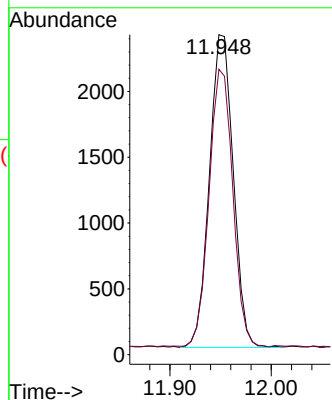
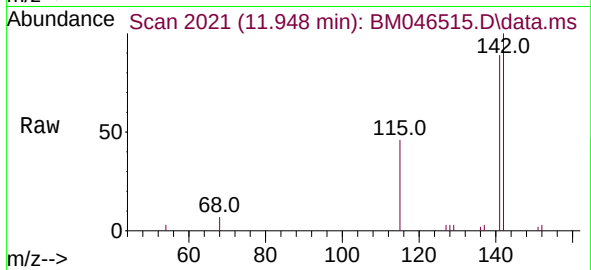




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 11.948 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

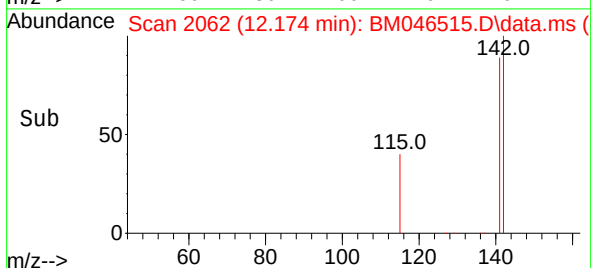
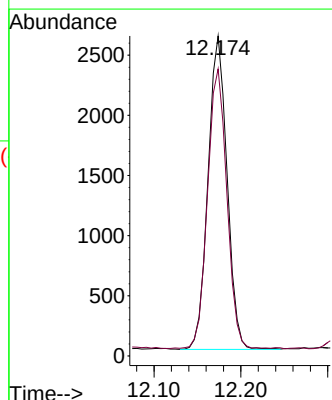
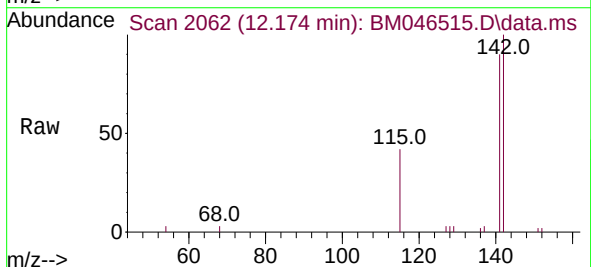
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

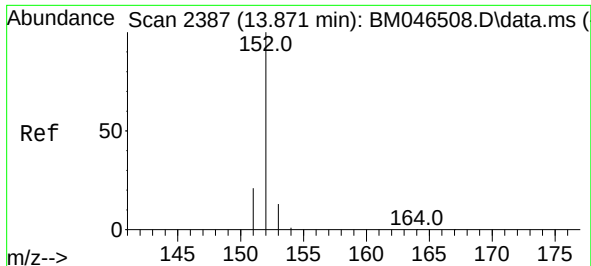
Tgt Ion:142 Resp: 3901
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.174 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Tgt Ion:142 Resp: 3965
Ion Ratio Lower Upper
142 100
141 90.2 73.9 110.9

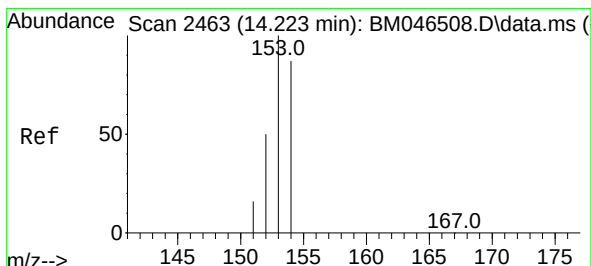
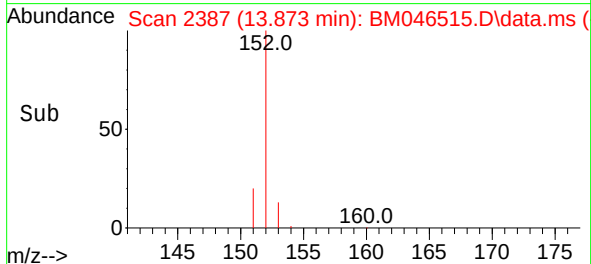
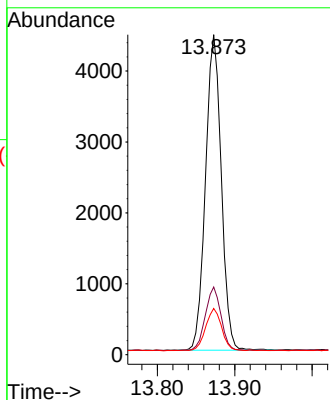
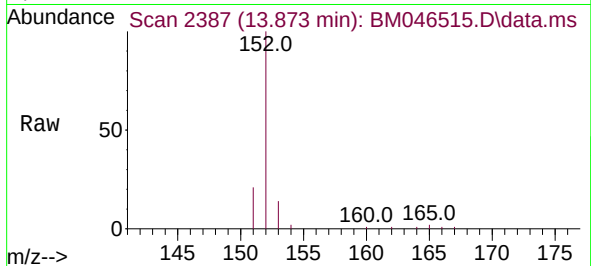




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 13.873 min Scan# 2462
Delta R.T. 0.001 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

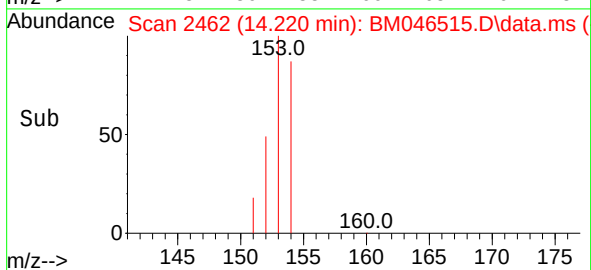
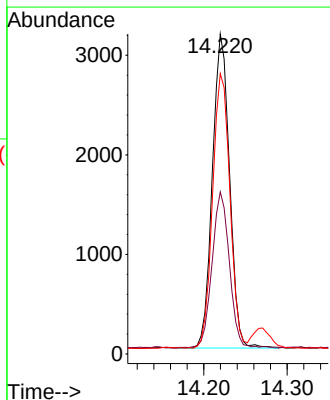
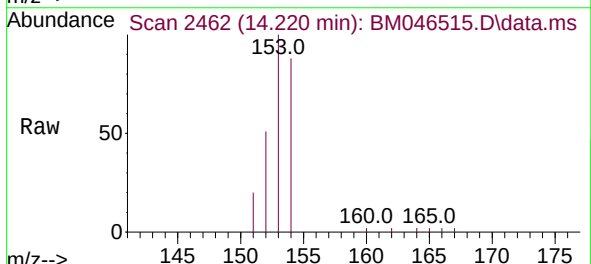
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

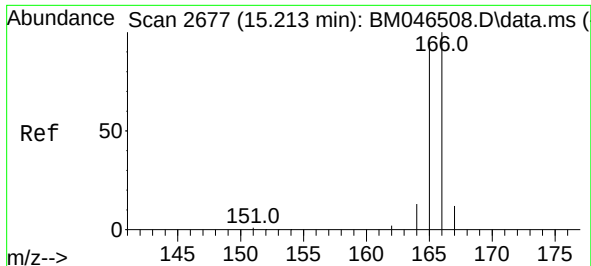
Tgt Ion:152 Resp: 6301
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.4 12.4 18.6



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.220 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Tgt Ion:153 Resp: 4508
Ion Ratio Lower Upper
153 100
152 50.7 43.0 64.6
154 87.6 69.9 104.9

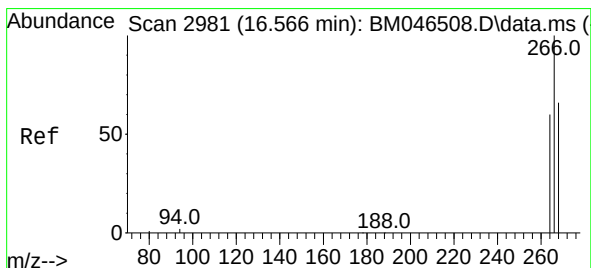
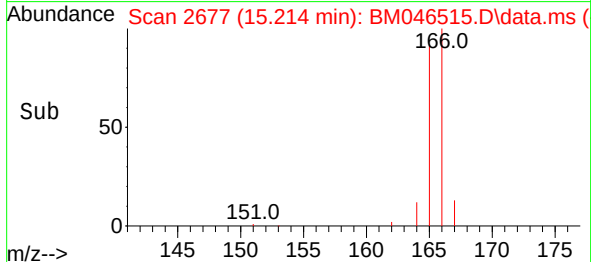
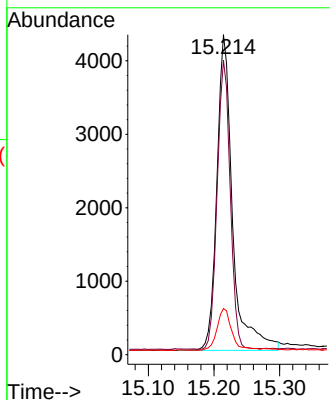
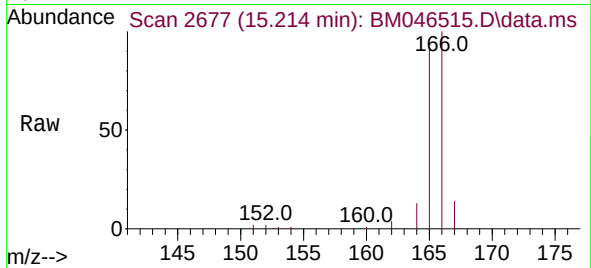




#12
Fluorene
Concen: 0.486 ng/ul
RT: 15.214 min Scan# 20
Delta R.T. 0.001 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

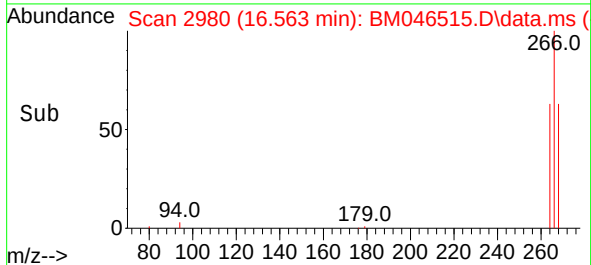
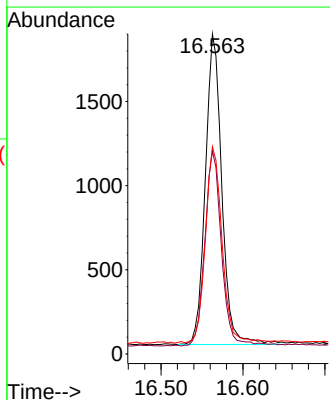
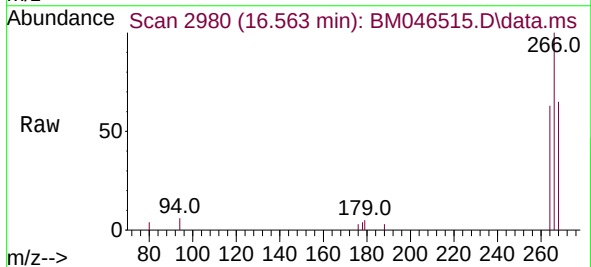
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

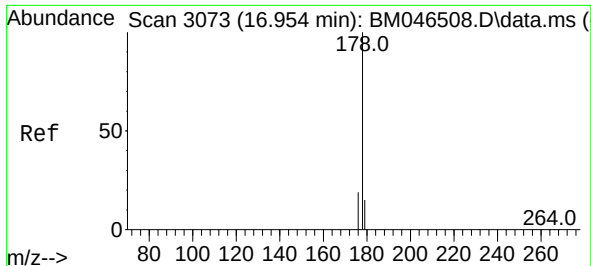
Tgt Ion:166 Resp: 7142
Ion Ratio Lower Upper
166 100
165 92.0 76.1 114.1
167 14.4 12.5 18.7



#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.563 min Scan# 2980
Delta R.T. -0.003 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Tgt Ion:266 Resp: 2575
Ion Ratio Lower Upper
266 100
264 63.5 50.1 75.1
268 64.8 52.5 78.7





#15

Phenanthrene

Concen: 0.391 ng/ul

RT: 16.951 min Scan# 3072

Delta R.T. -0.003 min

Lab File: BM046515.D

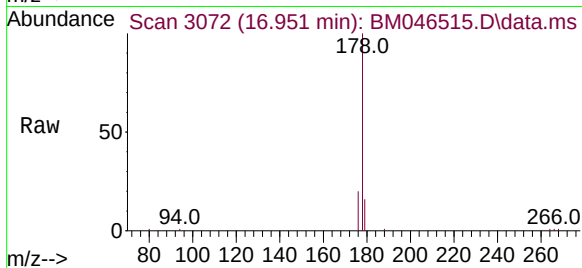
Acq: 11 Jul 2024 13:31

Instrument :

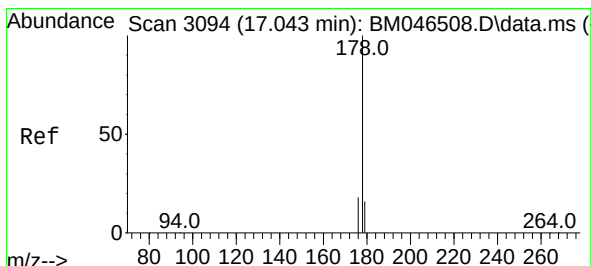
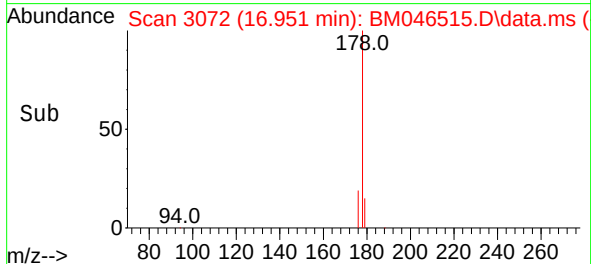
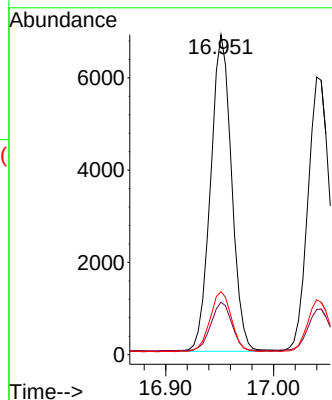
BNA_M

ClientSampleId :

E1GM5MSD



Tgt Ion:	178	Resp:	9256
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.1	19.7
176	19.7	16.0	24.0



#16

Anthracene

Concen: 0.363 ng/ul

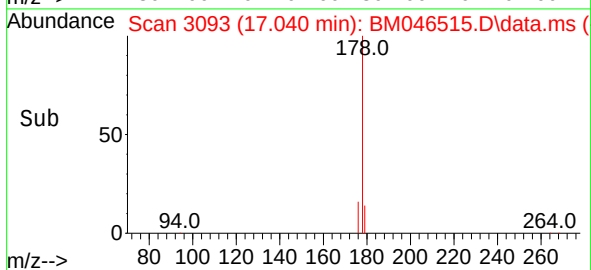
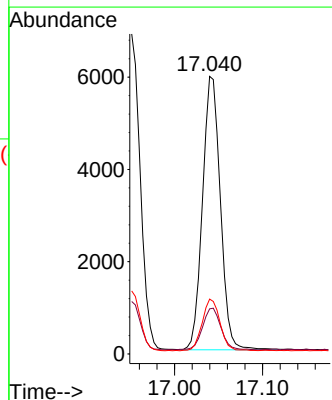
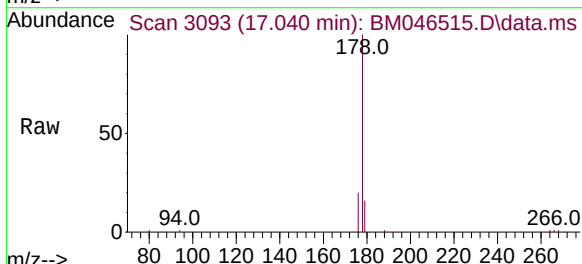
RT: 17.040 min Scan# 3093

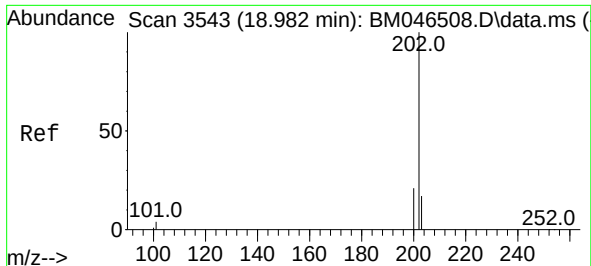
Delta R.T. -0.003 min

Lab File: BM046515.D

Acq: 11 Jul 2024 13:31

Tgt Ion:	178	Resp:	8389
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.5	20.3
176	19.8	15.7	23.5





#19

Fluoranthene

Concen: 0.411 ng/ul

RT: 18.979 min Scan# 3542

Delta R.T. -0.003 min

Lab File: BM046515.D

Acq: 11 Jul 2024 13:31

Instrument :

BNA_M

ClientSampleId :

E1GM5MSD

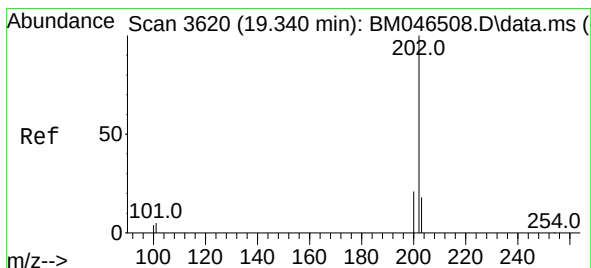
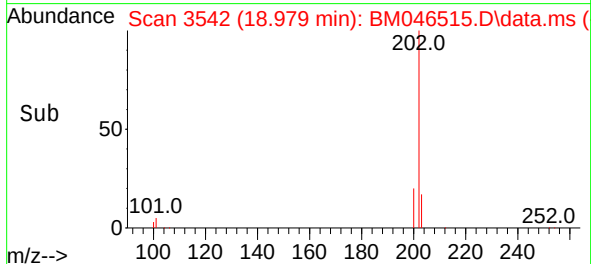
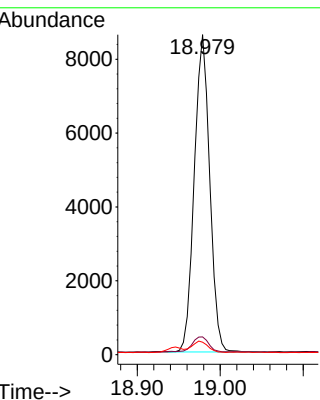
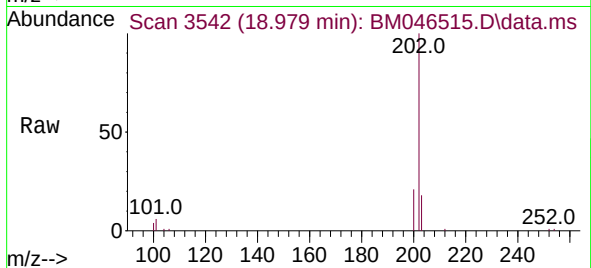
Tgt Ion:202 Resp: 11118

Ion Ratio Lower Upper

202 100

101 5.5 4.6 6.8

100 3.9 3.0 4.6



#20

Pyrene

Concen: 0.401 ng/ul

RT: 19.341 min Scan# 3620

Delta R.T. 0.001 min

Lab File: BM046515.D

Acq: 11 Jul 2024 13:31

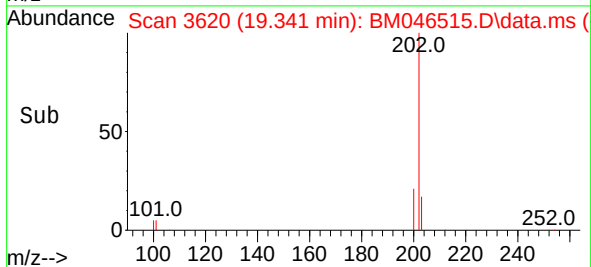
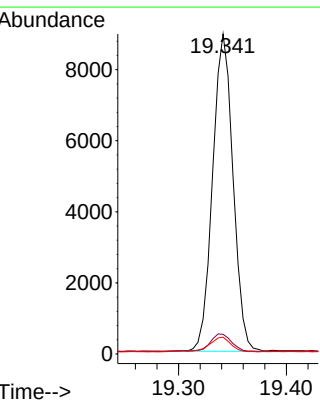
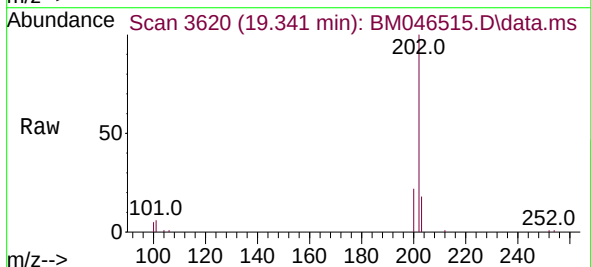
Tgt Ion:202 Resp: 11764

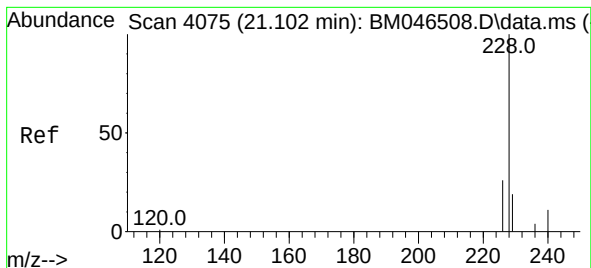
Ion Ratio Lower Upper

202 100

101 6.1 5.1 7.7

100 5.2 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.378 ng/ul

RT: 21.102 min Scan# 4075

Delta R.T. -0.000 min

Lab File: BM046515.D

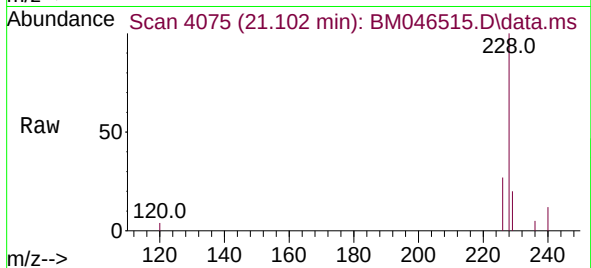
Acq: 11 Jul 2024 13:31

Instrument :

BNA_M

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E1GM5MSD



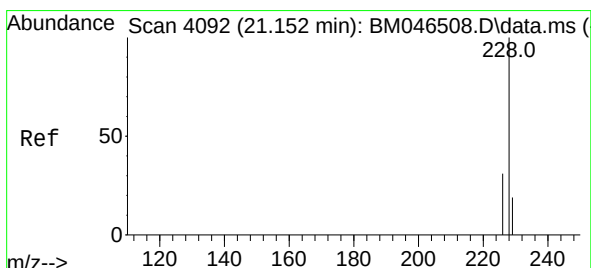
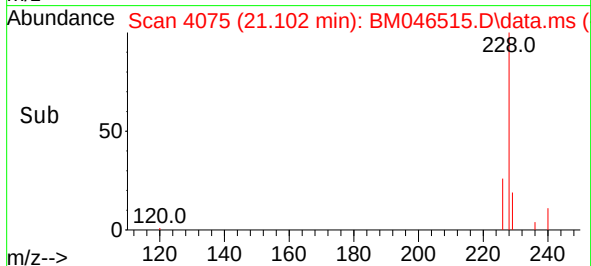
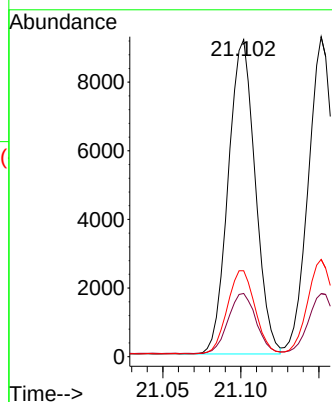
Tgt Ion:228 Resp: 11027

Ion Ratio Lower Upper

228 100

229 20.0 16.5 24.7

226 27.1 22.5 33.7



#22

Chrysene

Concen: 0.382 ng/ul

RT: 21.151 min Scan# 4092

Delta R.T. -0.000 min

Lab File: BM046515.D

Acq: 11 Jul 2024 13:31

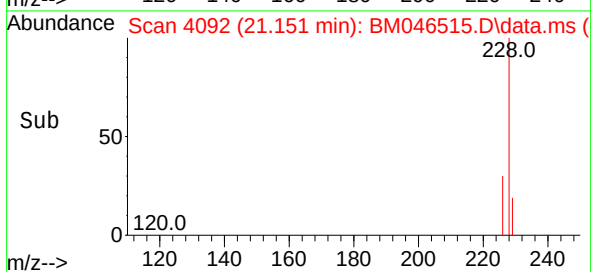
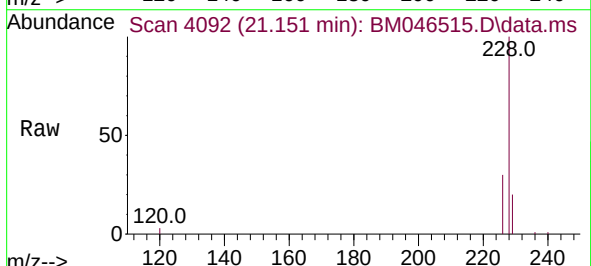
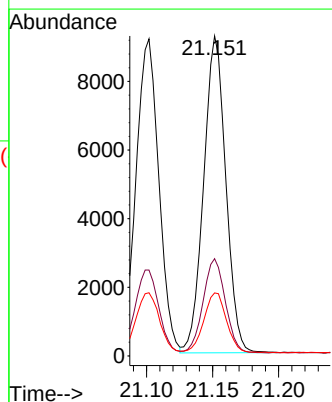
Tgt Ion:228 Resp: 10786

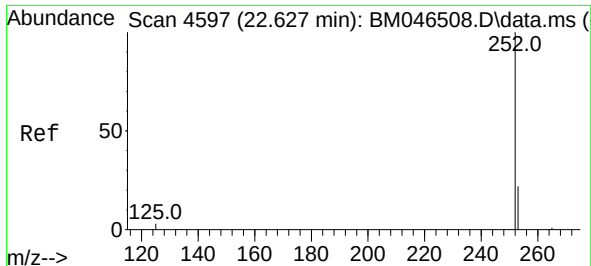
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.7 16.4 24.6

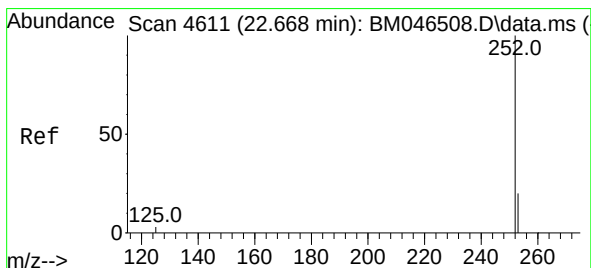
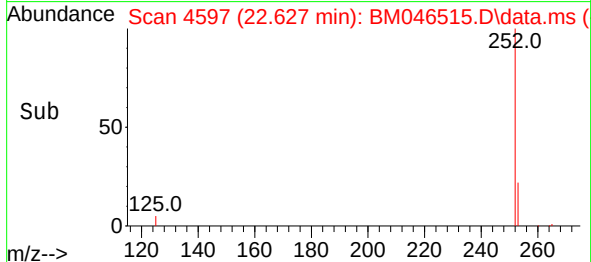
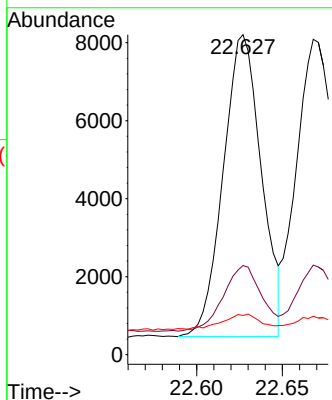
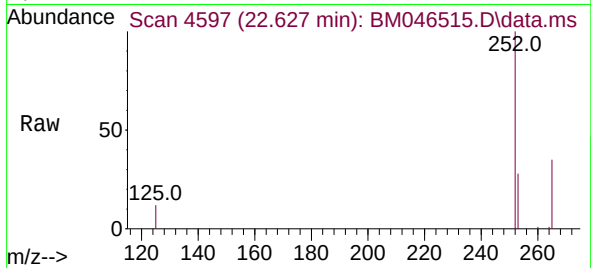




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.627 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

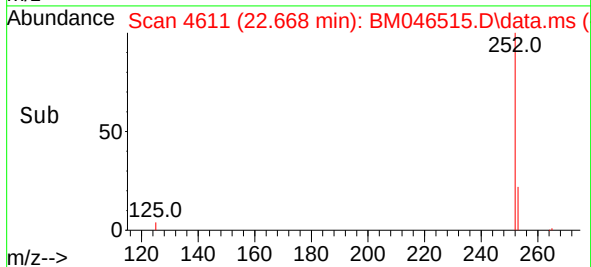
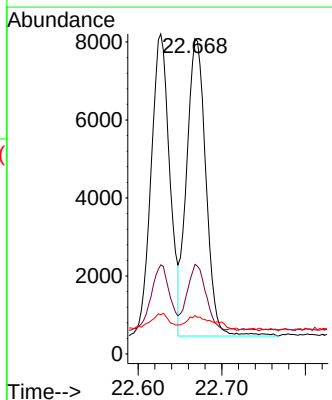
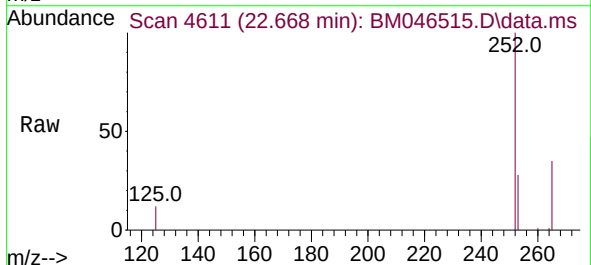
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

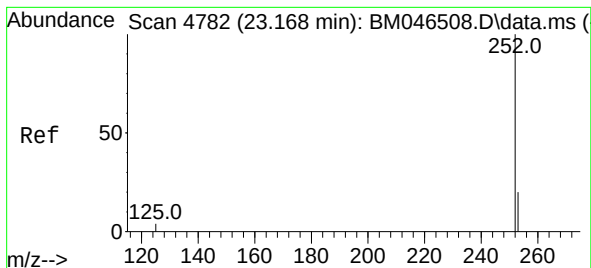
Tgt Ion:252 Resp: 11965
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.2
125 12.2 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.668 min Scan# 4611
Delta R.T. -0.000 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Tgt Ion:252 Resp: 12188
Ion Ratio Lower Upper
252 100
253 28.4 22.4 33.6
125 12.2 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.409 ng/ul

RT: 23.168 min Scan# 4782

Delta R.T. -0.000 min

Lab File: BM046515.D

Acq: 11 Jul 2024 13:31

Instrument :

BNA_M

ClientSampleId :

E1GM5MSD

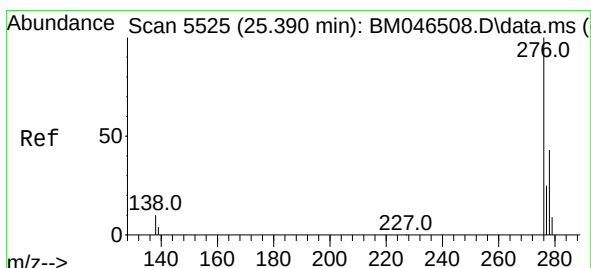
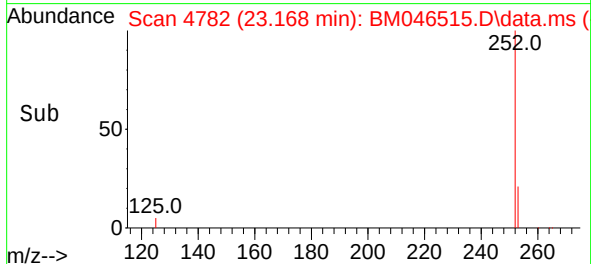
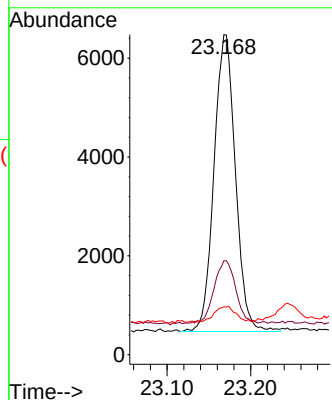
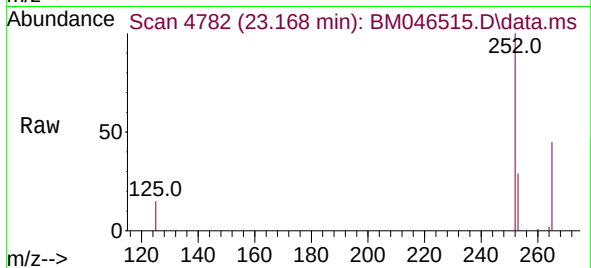
Tgt Ion:252 Resp: 10669

Ion Ratio Lower Upper

252 100

253 29.4 24.0 36.0

125 14.9 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 25.390 min Scan# 5525

Delta R.T. -0.000 min

Lab File: BM046515.D

Acq: 11 Jul 2024 13:31

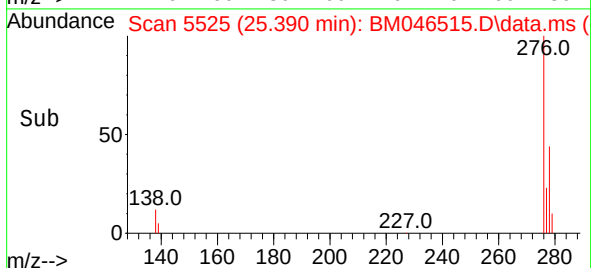
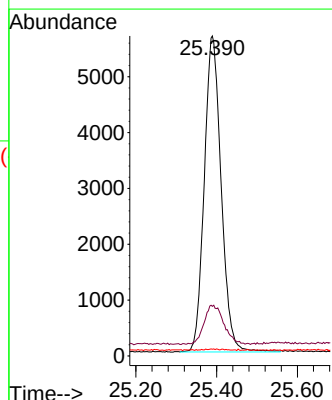
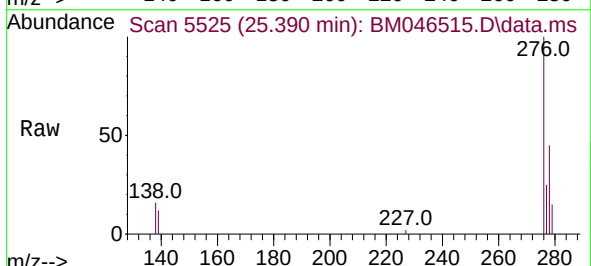
Tgt Ion:276 Resp: 16436

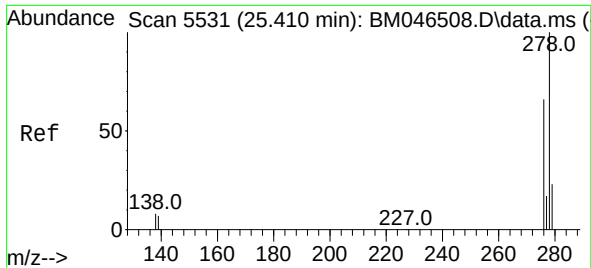
Ion Ratio Lower Upper

276 100

138 14.3 0.0 0.0#

227 0.2 0.2 0.2

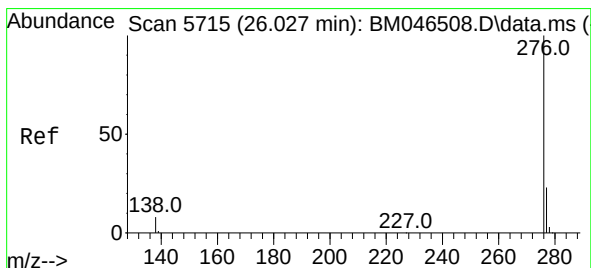
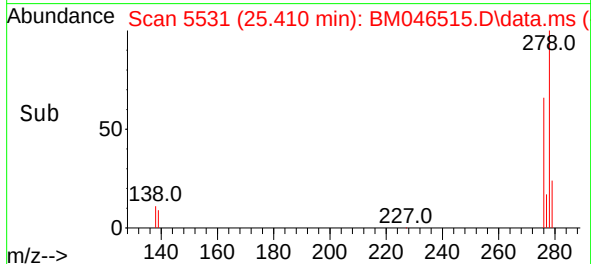
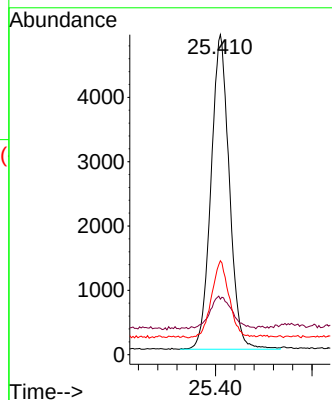
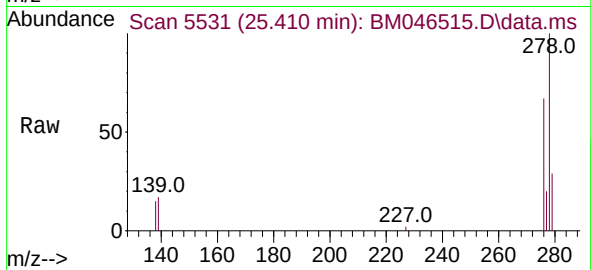




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.410 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

Tgt Ion:278 Resp: 12878
Ion Ratio Lower Upper
278 100
139 17.4 9.1 13.7#
279 29.4 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.034 min Scan# 5717
Delta R.T. 0.006 min
Lab File: BM046515.D
Acq: 11 Jul 2024 13:31

Tgt Ion:276 Resp: 13098
Ion Ratio Lower Upper
276 100
138 15.9 10.2 15.4#
277 26.1 20.9 31.3

