

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046808.D
 Acq On : 25 Jul 2024 20:14
 Operator : MA/JU
 Sample : P3263-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA7

Quant Time: Jul 26 00:30:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

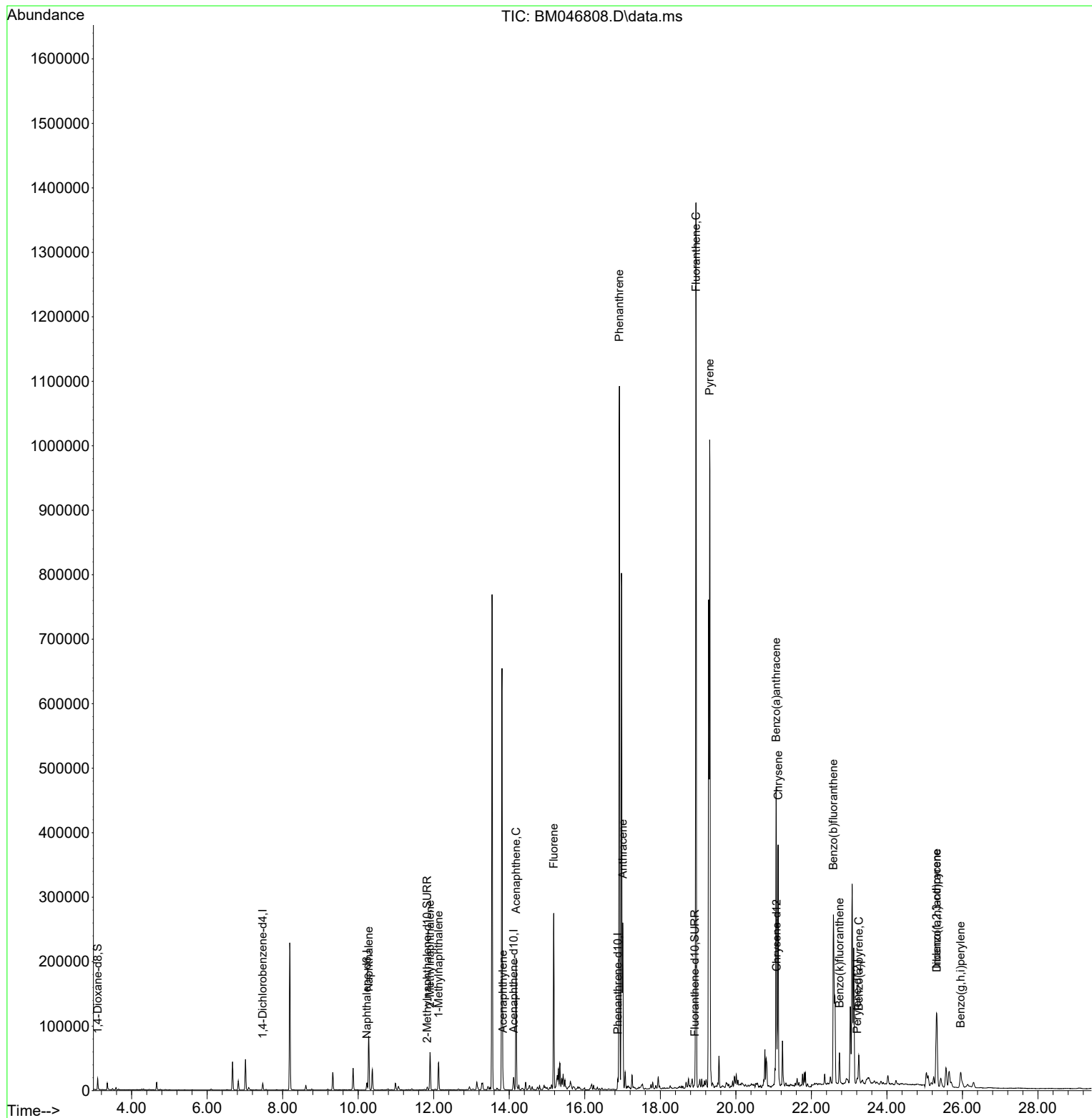
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	14849	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	9397	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	19901	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	8279	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	9669	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	10929	3.053	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	5611	0.238	ng/ul	0.00
18) Fluoranthene-d10	18.912	212	11482	0.426	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.275	128	109854	2.925	ng/ul	96
7) 2-Methylnaphthalene	11.903	142	39838	1.541	ng/ul	100
8) 1-Methylnaphthalene	12.128	142	29467	1.104	ng/ul	100
10) Acenaphthylene	13.834	152	15154	0.352	ng/ul#	95
11) Acenaphthene	14.181	153	114156	3.908	ng/ul	99
12) Fluorene	15.176	166	161274	4.417	ng/ul	98
15) Phenanthrene	16.916	178	1127376	19.709	ng/ul	97
16) Anthracene	17.005	178	261659	4.914	ng/ul	99
19) Fluoranthene	18.945	202	1215357	33.426	ng/ul	99
20) Pyrene	19.307	202	932082	24.781	ng/ul	100
21) Benzo(a)anthracene	21.067	228	388162	11.251	ng/ul	99
22) Chrysene	21.120	228	333727	9.523	ng/ul	97
24) Benzo(b)fluoranthene	22.584	252	562140	13.242	ng/ul	91
25) Benzo(k)fluoranthene	22.744	252	56871	1.329	ng/ul	98
26) Benzo(a)pyrene	23.256	252	35374	1.161	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.313	276	182166	3.884	ng/ul	97
28) Dibenzo(a,h)anthracene	25.323	278	50904	1.483	ng/ul	98
29) Benzo(g,h,i)perylene	25.950	276	54648	1.323	ng/ul	98

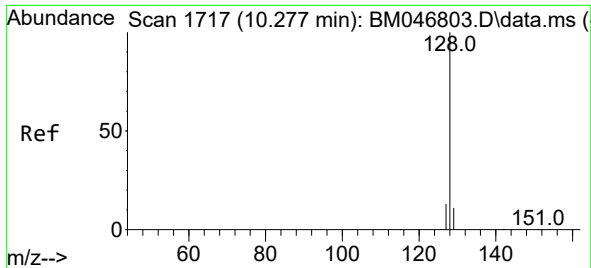
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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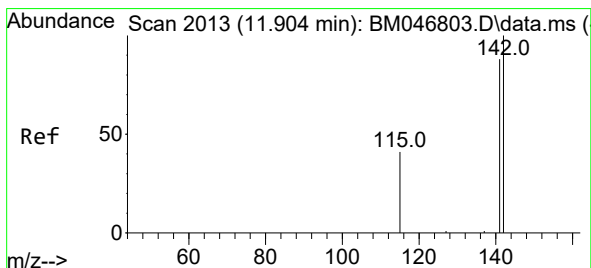
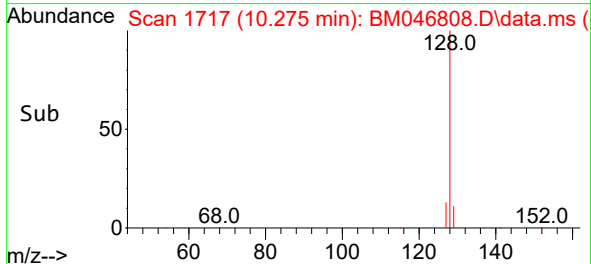
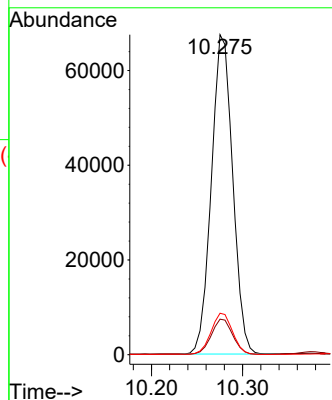
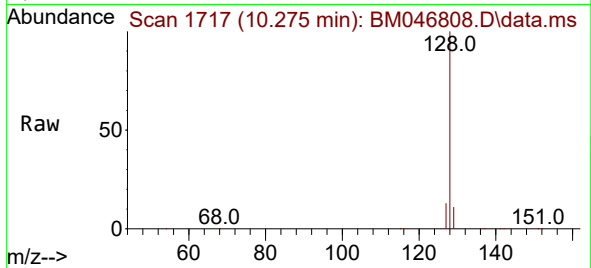




#5
Naphthalene
Concen: 2.925 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

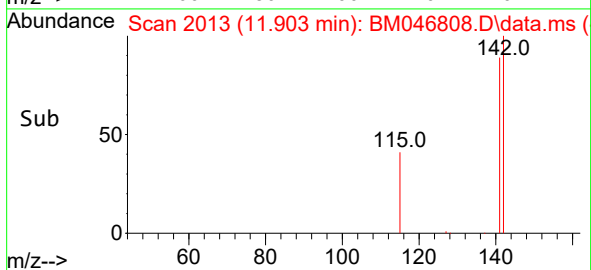
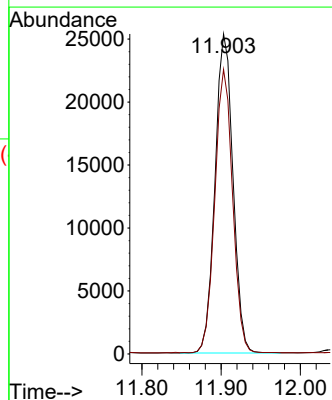
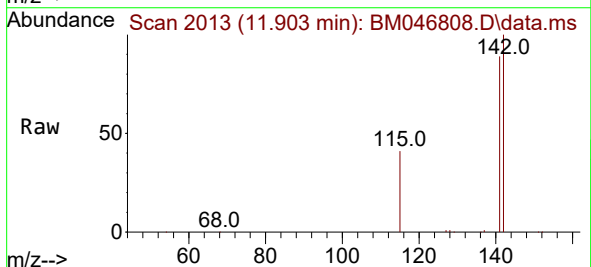
Instrument :
BNA_M
ClientSampleId :
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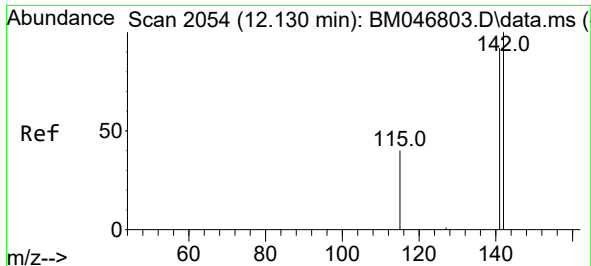
Tgt Ion:128 Resp: 109854
Ion Ratio Lower Upper
128 100
129 11.1 10.1 15.1
127 13.0 11.5 17.3



#7
2-Methylnaphthalene
Concen: 1.541 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:142 Resp: 39838
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7

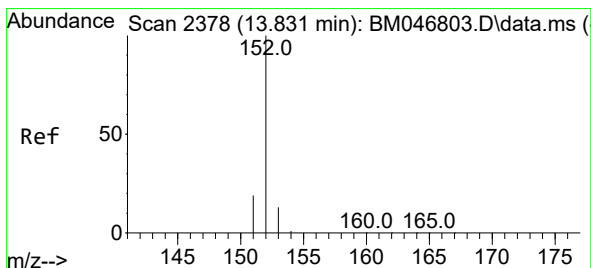
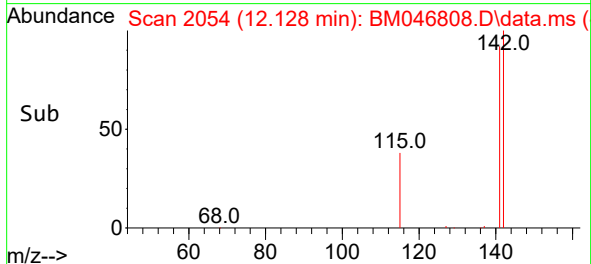
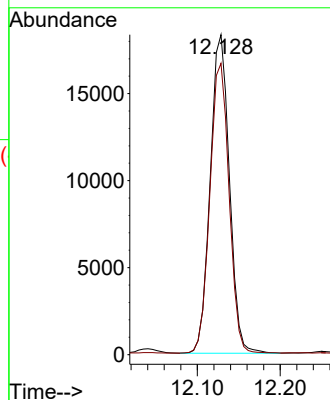
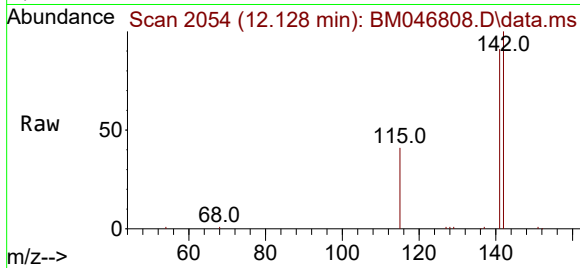




#8
1-Methylnaphthalene
Concen: 1.104 ng/ul
RT: 12.128 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

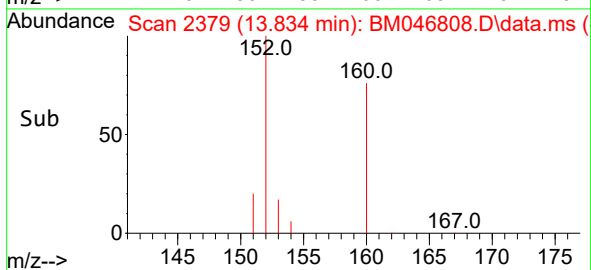
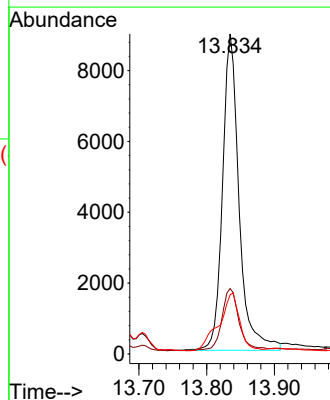
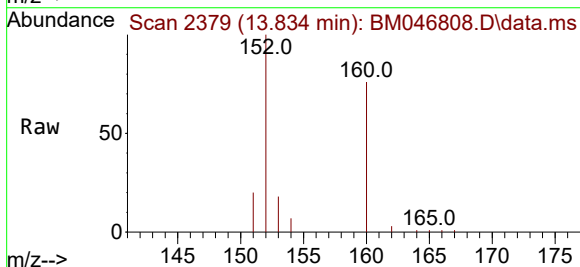
Instrument :
BNA_M
ClientSampleId :
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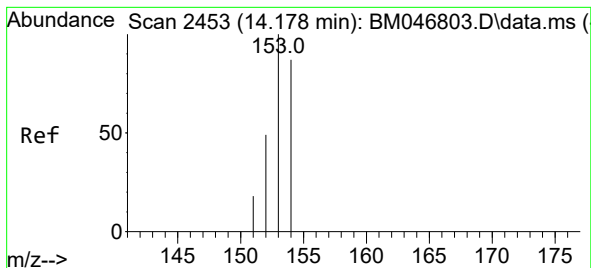
Tgt Ion:142 Resp: 29467
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7



#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 13.834 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

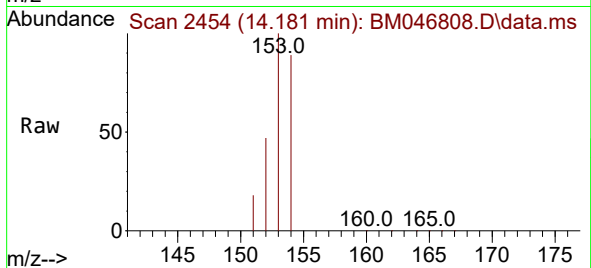
Tgt Ion:152 Resp: 15154
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 18.5 11.0 16.6#



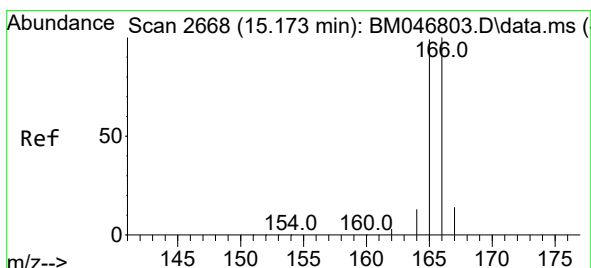
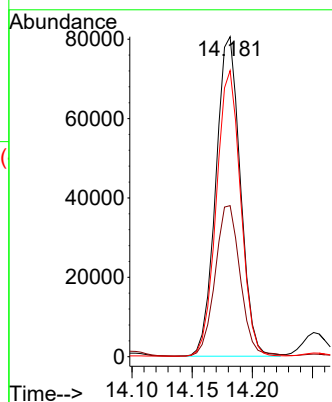
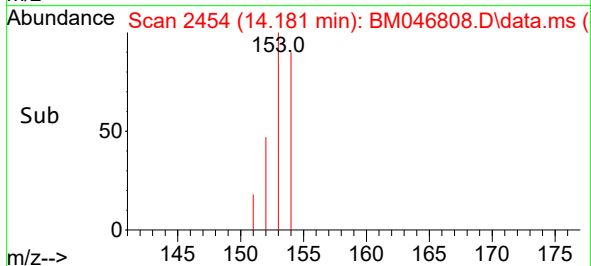


#11
Acenaphthene
Concen: 3.908 ng/ul
RT: 14.181 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Instrument :
BNA_M
ClientSampleId :
A4BA7

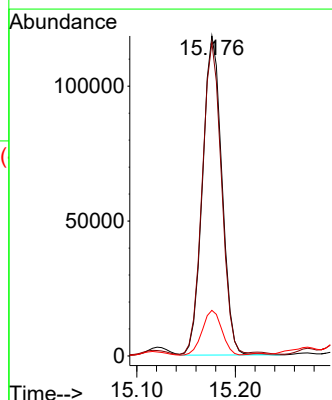
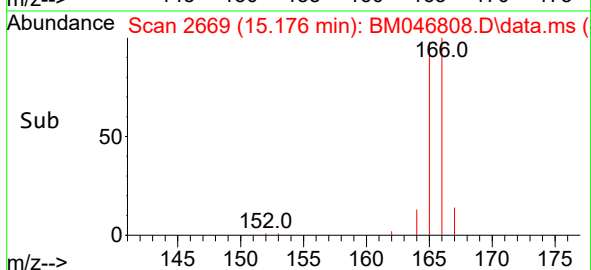
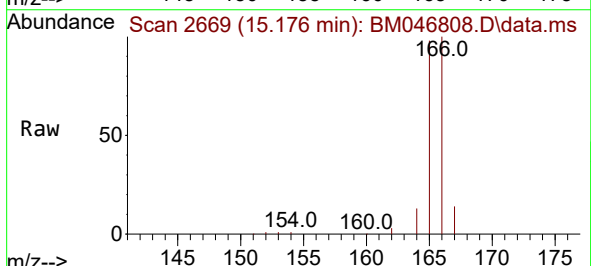


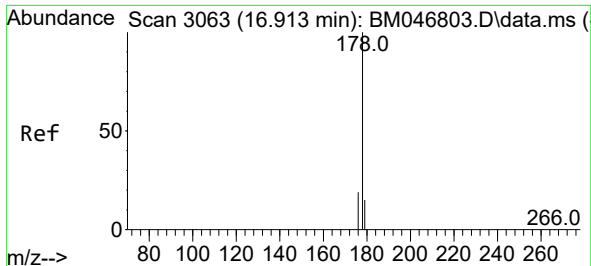
Tgt Ion:153 Resp: 114156
Ion Ratio Lower Upper
153 100
152 47.2 38.6 57.8
154 89.4 70.8 106.2



#12
Fluorene
Concen: 4.417 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:166 Resp: 161274
Ion Ratio Lower Upper
166 100
165 97.9 79.8 119.6
167 14.3 12.3 18.5

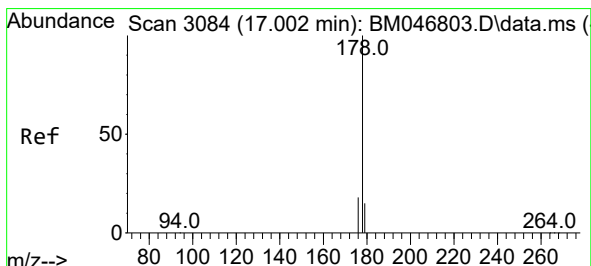
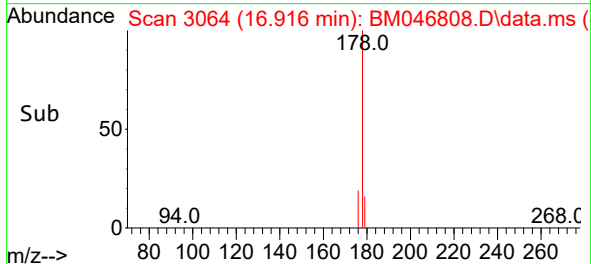
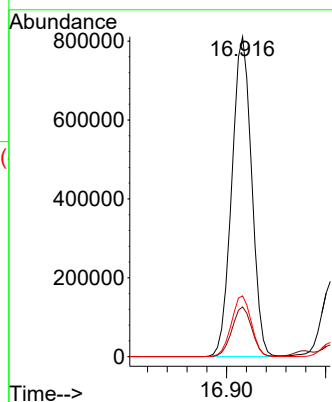
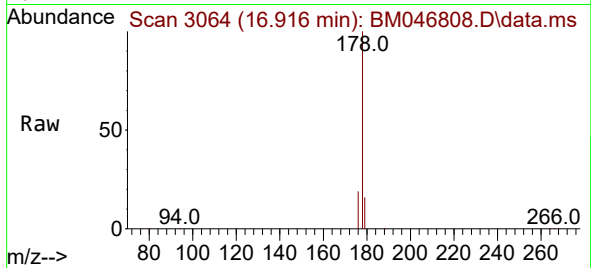




#15
Phenanthrene
Concen: 19.709 ng/u1
RT: 16.916 min Scan# 3064
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

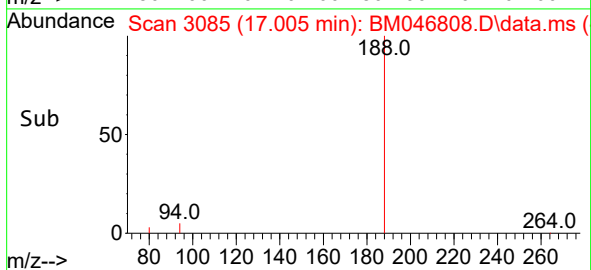
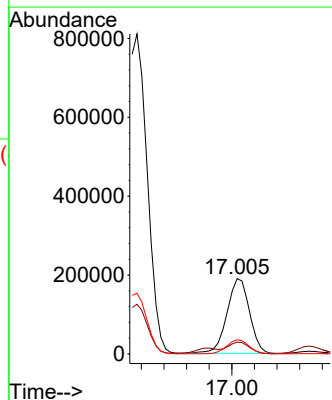
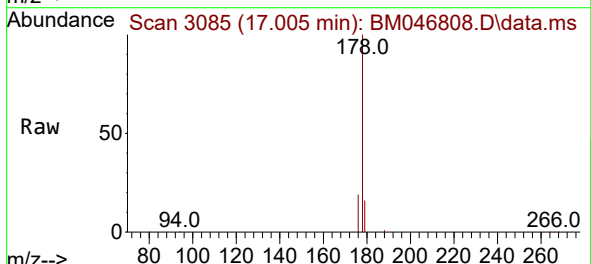
Instrument :
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ClientSampleId :
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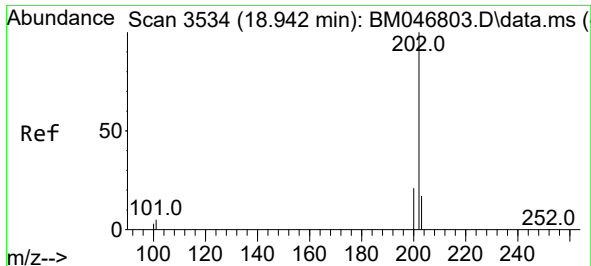
Tgt Ion:178 Resp: 1127376
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.0 16.1 24.1



#16
Anthracene
Concen: 4.914 ng/u1
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:178 Resp: 261659
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 18.8 15.0 22.6

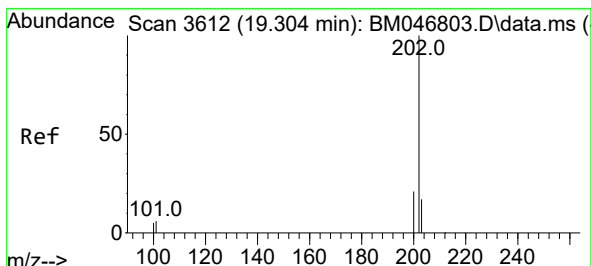
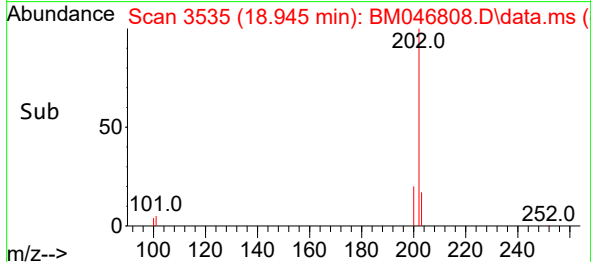
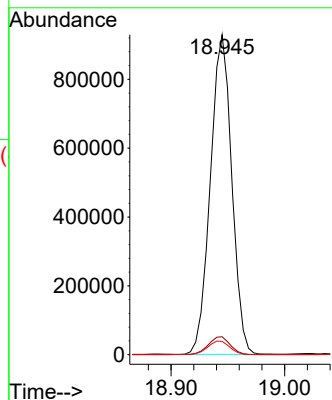
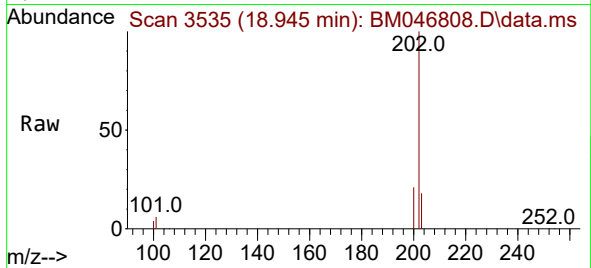




#19
Fluoranthene
Concen: 33.426 ng/ul
RT: 18.945 min Scan# 3534
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

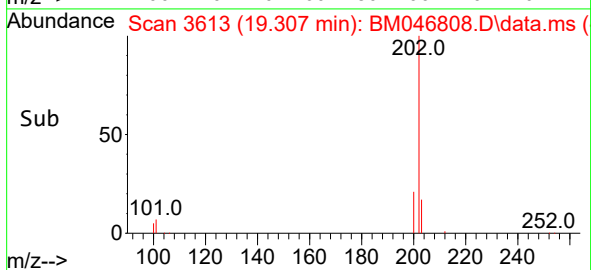
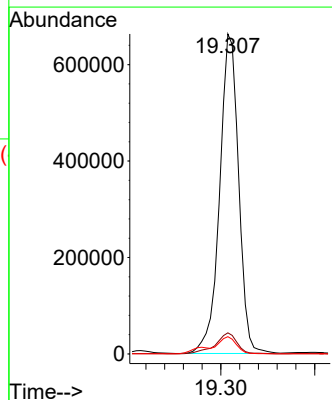
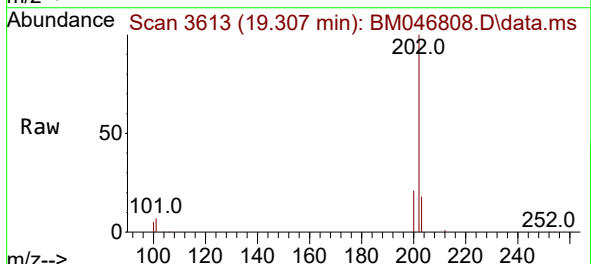
Instrument :
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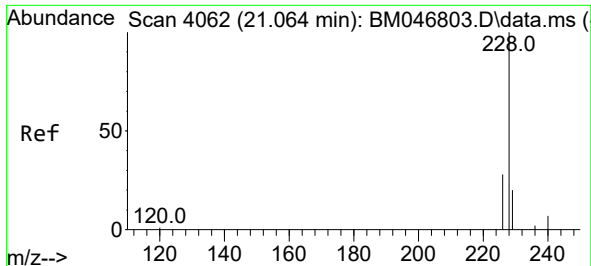
Tgt Ion:202 Resp: 1215357
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.2 3.4 5.2



#20
Pyrene
Concen: 24.781 ng/ul
RT: 19.307 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:202 Resp: 932082
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.4 4.3 6.5

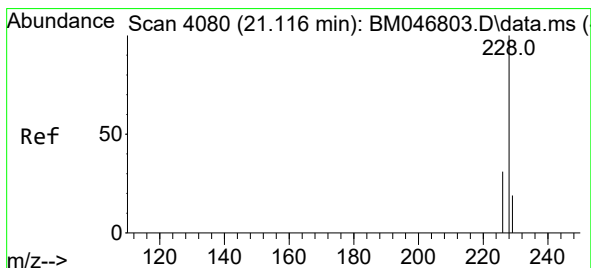
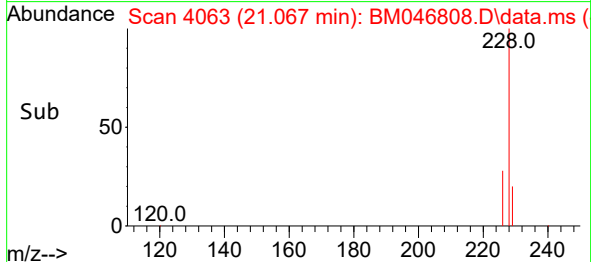
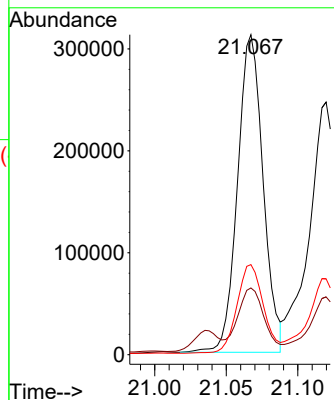
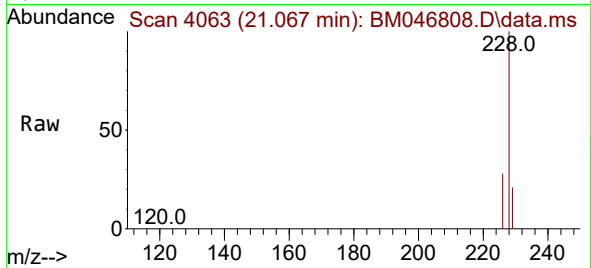




#21
Benzo(a)anthracene
Concen: 11.251 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

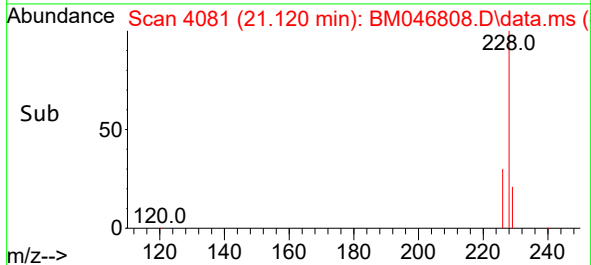
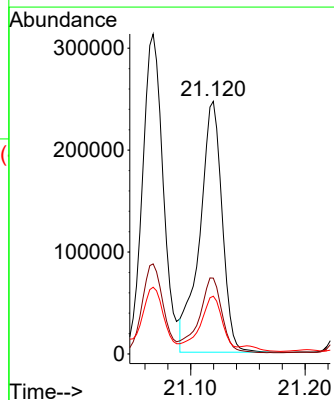
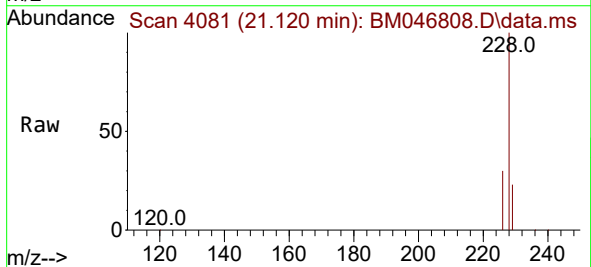
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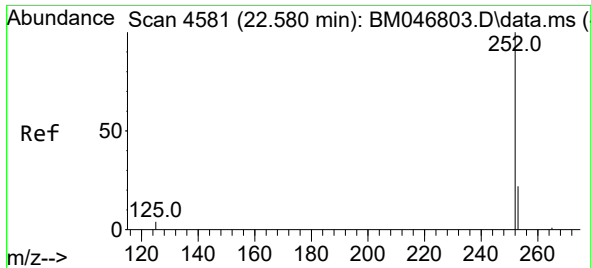
Tgt Ion:228 Resp: 388162
Ion Ratio Lower Upper
228 100
229 20.9 16.3 24.5
226 28.2 22.3 33.5



#22
Chrysene
Concen: 9.523 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:228 Resp: 333727
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 22.9 16.2 24.2

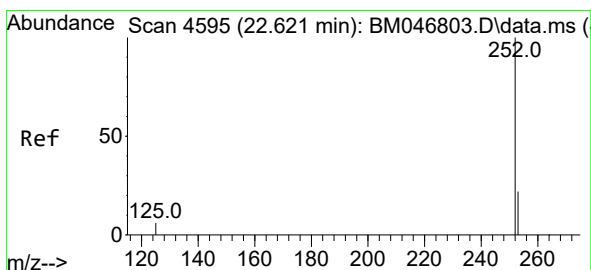
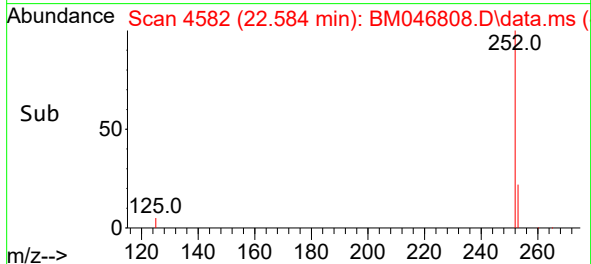
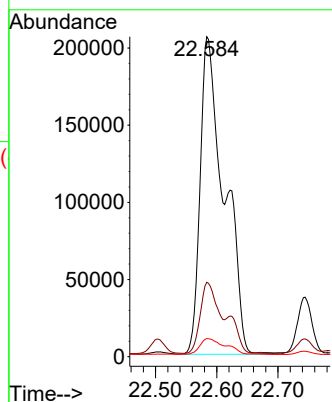
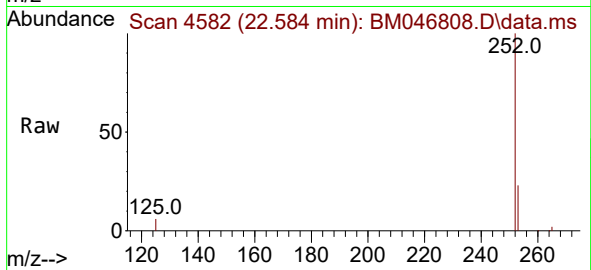




#24
Benzo(b)fluoranthene
Concen: 13.242 ng/ul
RT: 22.584 min Scan# 4581
Delta R.T. 0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

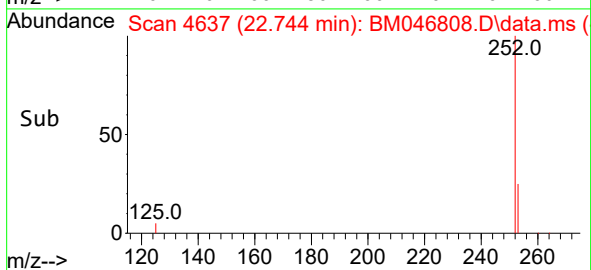
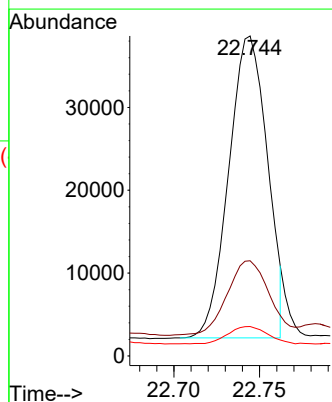
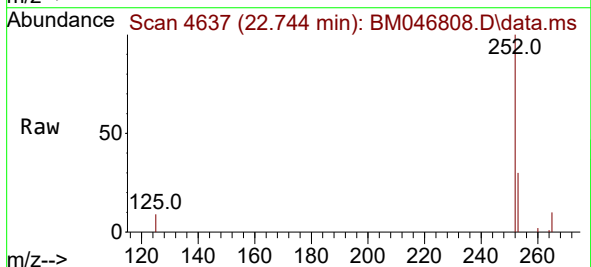
Instrument :
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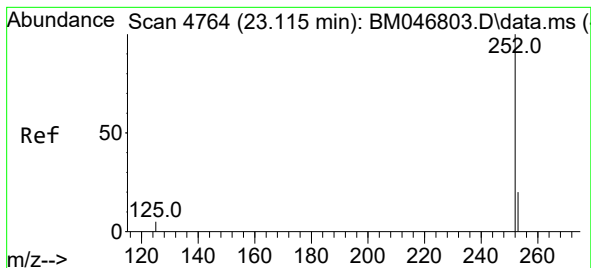
Tgt Ion:252 Resp: 562140
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.4
125 5.6 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 1.329 ng/ul
RT: 22.744 min Scan# 4637
Delta R.T. 0.123 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:252 Resp: 56871
Ion Ratio Lower Upper
252 100
253 29.7 23.5 35.3
125 9.2 8.6 13.0





#26

Benzo(a)pyrene

Concen: 1.161 ng/ul

RT: 23.256 min Scan# 4812

Delta R.T. 0.138 min

Lab File: BM046808.D

Acq: 25 Jul 2024 20:14

Instrument :

BNA_M

ClientSampleId :

A4BA7

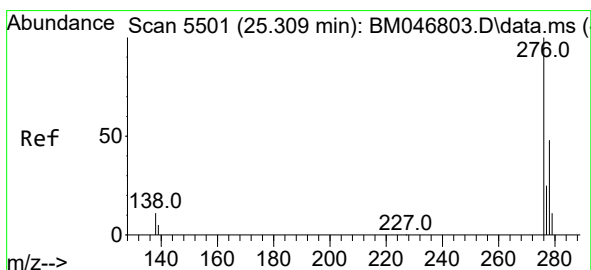
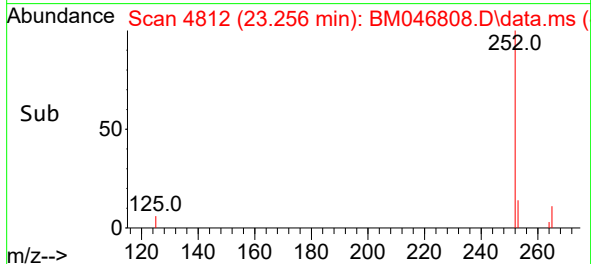
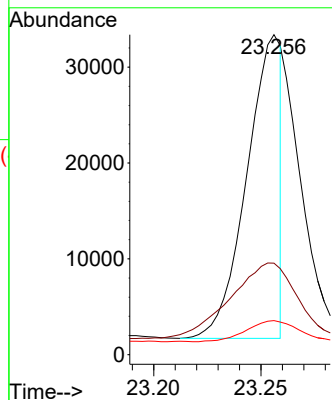
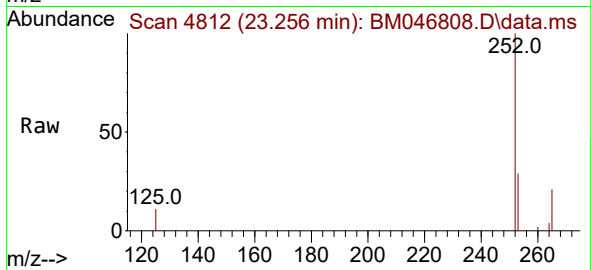
Tgt Ion:252 Resp: 35374

Ion Ratio Lower Upper

252 100

253 28.6 26.0 39.0

125 10.7 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.884 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.003 min

Lab File: BM046808.D

Acq: 25 Jul 2024 20:14

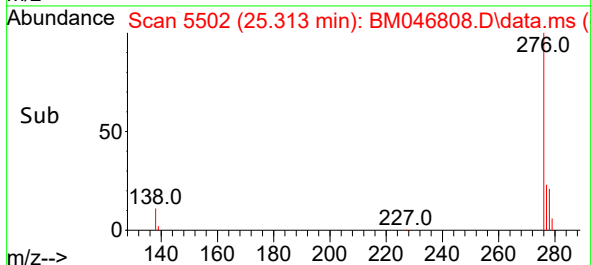
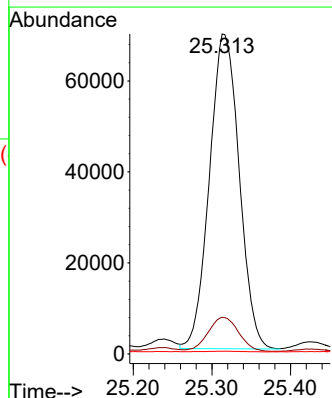
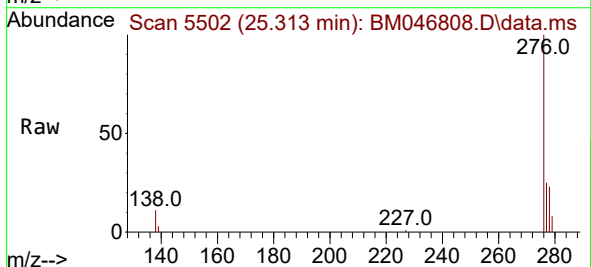
Tgt Ion:276 Resp: 182166

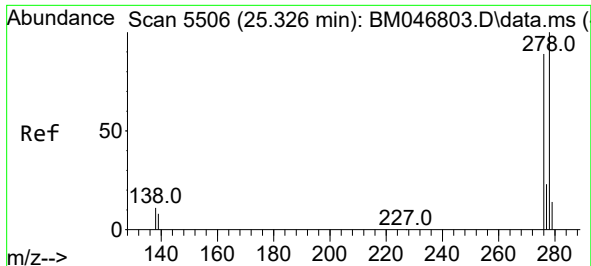
Ion Ratio Lower Upper

276 100

138 11.1 9.7 14.5

227 0.2 0.2 0.2

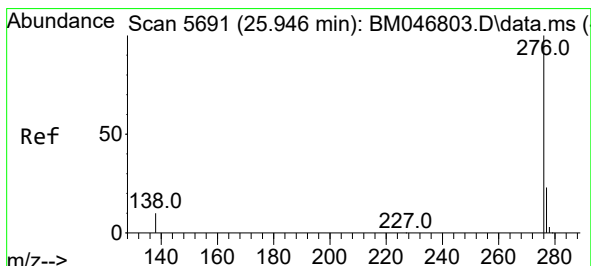
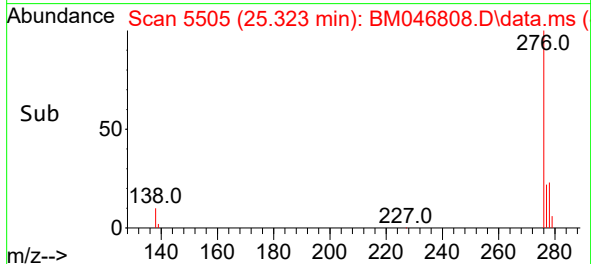
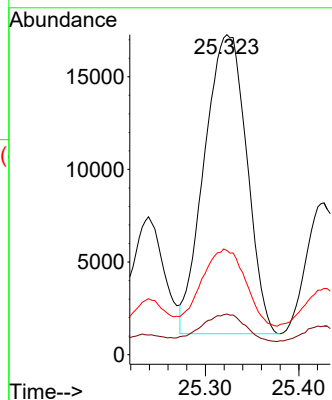
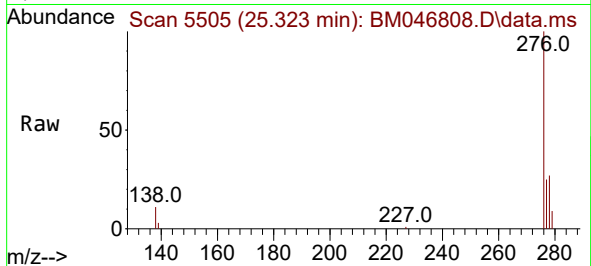




#28
Dibenzo(a,h)anthracene
Concen: 1.483 ng/ul
RT: 25.323 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Instrument :
BNA_M
ClientSampleId :
A4BA7

Tgt Ion:278 Resp: 50904
Ion Ratio Lower Upper
278 100
139 12.7 9.8 14.8
279 32.6 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 1.323 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046808.D
Acq: 25 Jul 2024 20:14

Tgt Ion:276 Resp: 54648
Ion Ratio Lower Upper
276 100
138 13.3 9.5 14.3
277 26.4 20.9 31.3

