

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046534.D
 Acq On : 12 Jul 2024 01:52
 Operator : MA/JU
 Sample : P3109-07MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0HC4MS

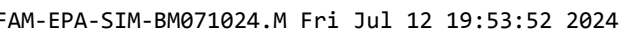
Quant Time: Jul 12 05:12:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

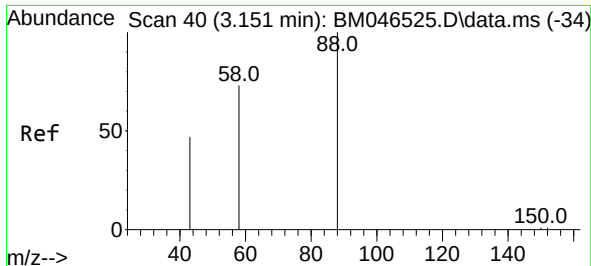
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	5335	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.151	164	9680	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.905	188	10557	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.111	240	9132	0.400	ng/ul	0.00
23) Perylene-d12	23.253	264	9788	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	421	0.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	3011	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	11786	0.424	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	1252	0.703	ng/ul#	84
5) Naphthalene	10.321	128	5825	0.429	ng/ul	96
7) 2-Methylnaphthalene	11.948	142	3614	0.379	ng/ul	94
8) 1-Methylnaphthalene	12.168	142	5534	0.569	ng/ul	99
10) Acenaphthylene	13.868	152	6278	0.142	ng/ul	96
11) Acenaphthene	14.215	153	5359	0.182	ng/ul	96
12) Fluorene	15.210	166	7900	0.216	ng/ul	99
14) Pentachlorophenol	16.563	266	3584	0.670	ng/ul	99
15) Phenanthrene	16.947	178	11629	0.386	ng/ul	96
16) Anthracene	17.040	178	11299	0.384	ng/ul	98
19) Fluoranthene	18.988	202	15339	0.409	ng/ul#	97
20) Pyrene	19.337	202	16267	0.401	ng/ul#	95
21) Benzo(a)anthracene	21.096	228	15787	0.391	ng/ul	100
22) Chrysene	21.146	228	14989	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.619	252	15441	0.395	ng/ul	99
25) Benzo(k)fluoranthene	22.659	252	15322	0.399	ng/ul	98
26) Benzo(a)pyrene	23.159	252	13555	0.421	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.376	276	16890	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.397	278	13144	0.339	ng/ul	98
29) Benzo(g,h,i)perylene	26.020	276	12988	0.332	ng/ul	99

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

Quant Time: Jul 12 05:12:09 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

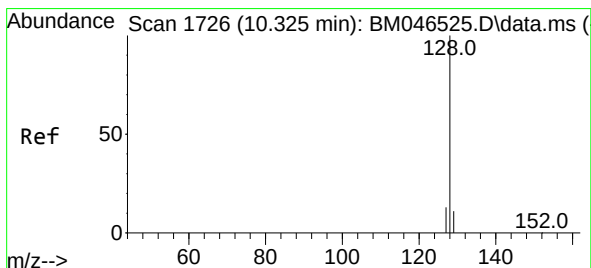
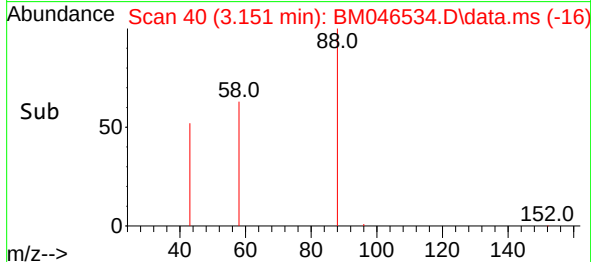
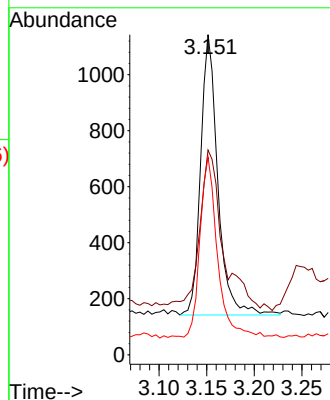
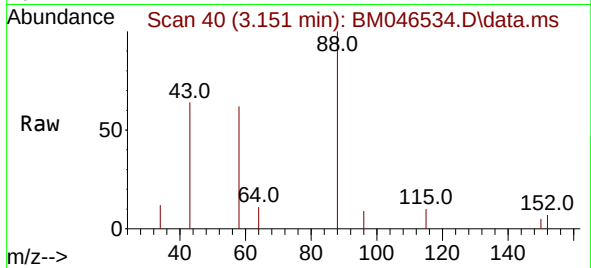




#2
1,4-Dioxane
Concen: 0.703 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

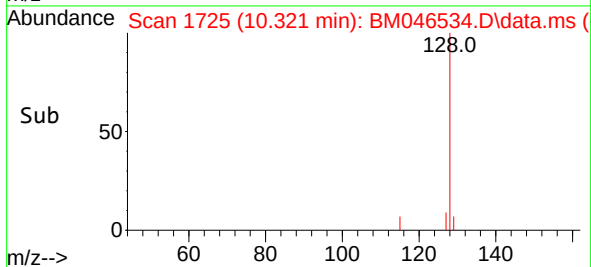
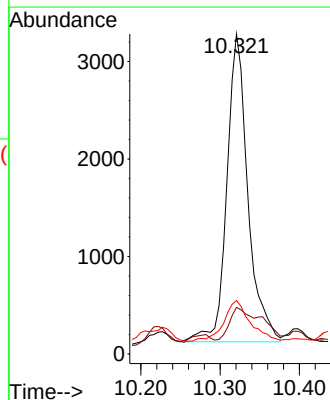
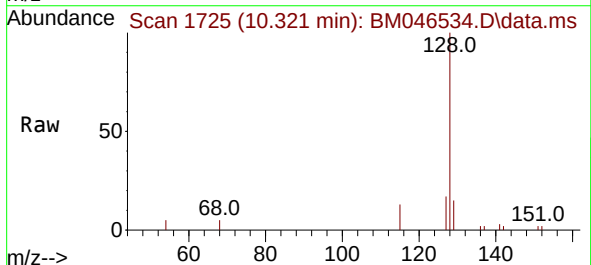
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

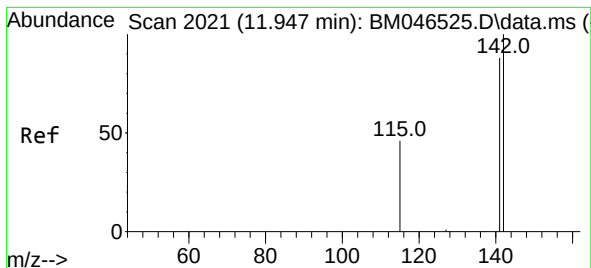
Tgt Ion: 88 Resp: 1252
Ion Ratio Lower Upper
88 100
43 64.0 70.2 105.4#
58 61.8 48.2 72.4



#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.321 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Tgt Ion: 128 Resp: 5825
Ion Ratio Lower Upper
128 100
129 14.6 10.3 15.5
127 16.7 12.2 18.4





#7

2-Methylnaphthalene

Concen: 0.379 ng/ul

RT: 11.948 min Scan# 2021

Delta R.T. 0.001 min

Lab File: BM046534.D

Acq: 12 Jul 2024 01:52

Instrument :

BNA_M

ClientSampleId :

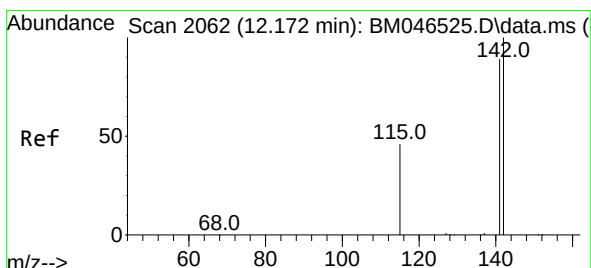
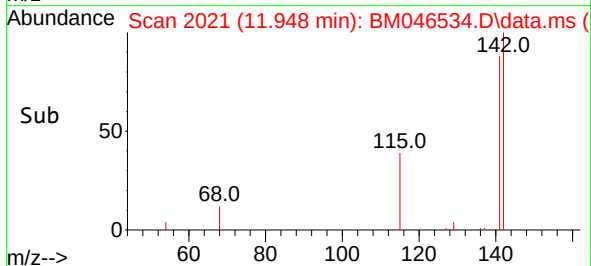
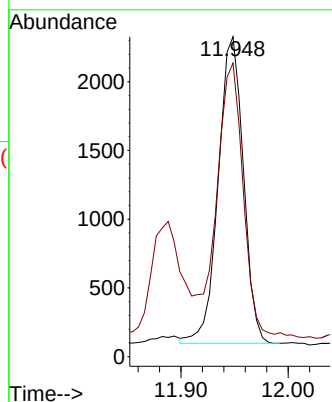
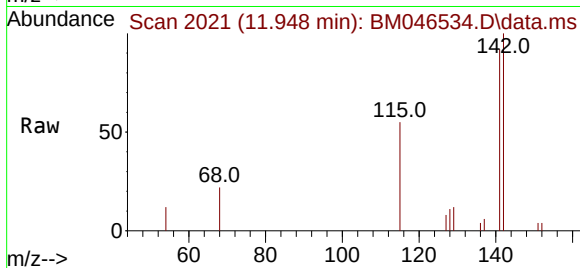
H0HC4MS

Tgt Ion:142 Resp: 3614

Ion Ratio Lower Upper

142 100

141 93.6 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.569 ng/ul

RT: 12.168 min Scan# 2061

Delta R.T. -0.004 min

Lab File: BM046534.D

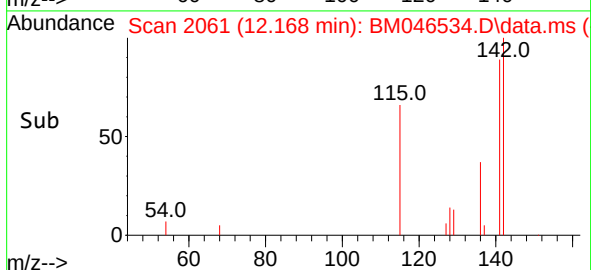
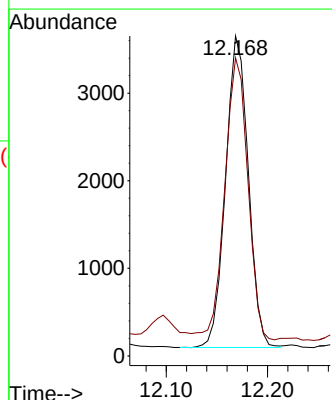
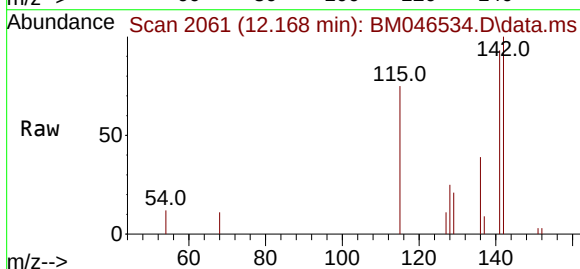
Acq: 12 Jul 2024 01:52

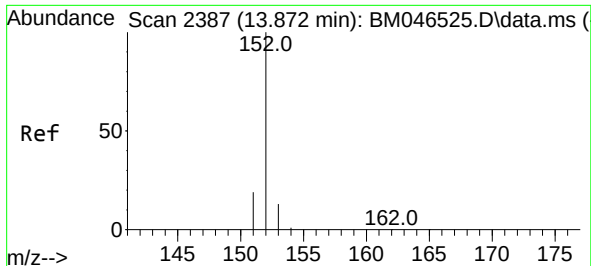
Tgt Ion:142 Resp: 5534

Ion Ratio Lower Upper

142 100

141 91.8 73.9 110.9

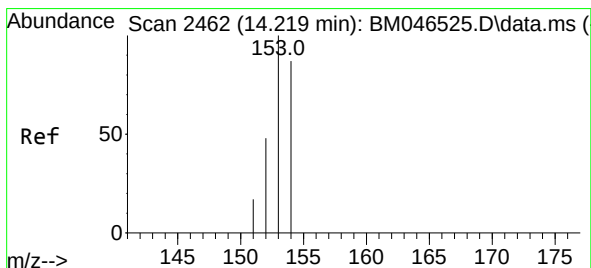
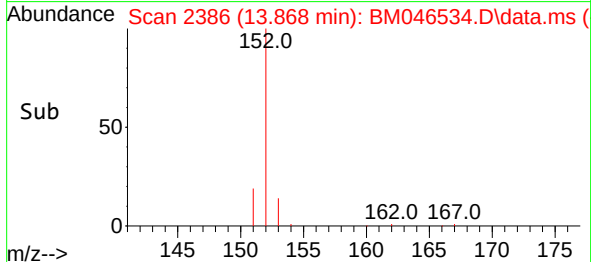
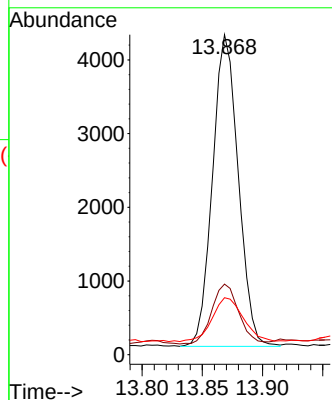
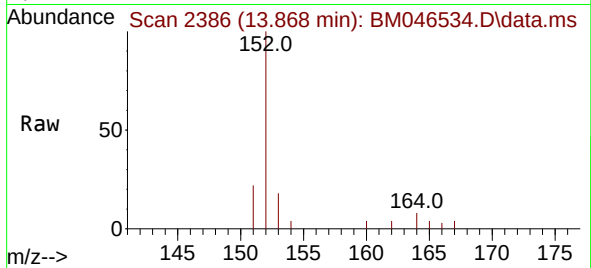




#10
Acenaphthylene
Concen: 0.142 ng/ul
RT: 13.868 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

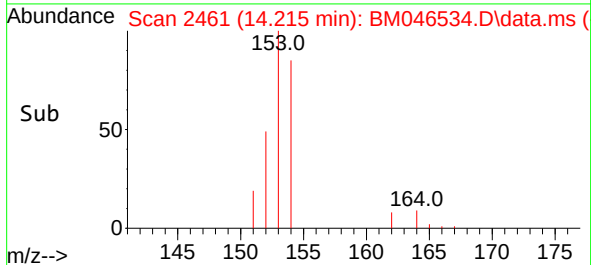
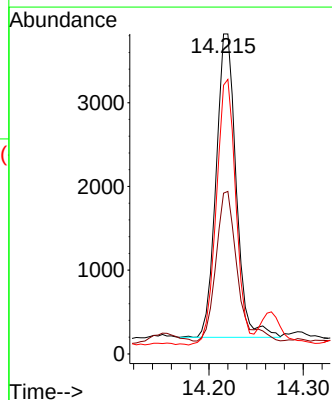
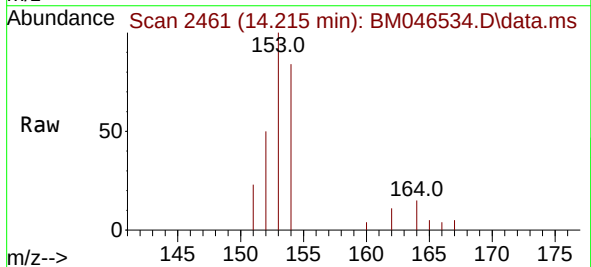
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

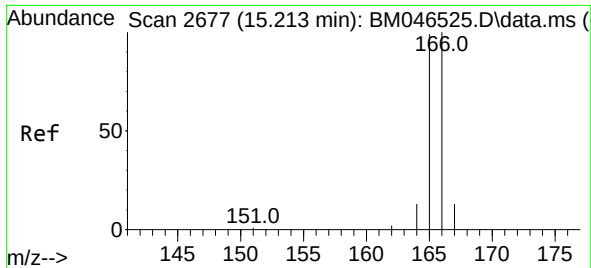
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.4	24.6
153	17.8	12.4	18.6



#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.2	43.0	64.6
154	84.0	69.9	104.9

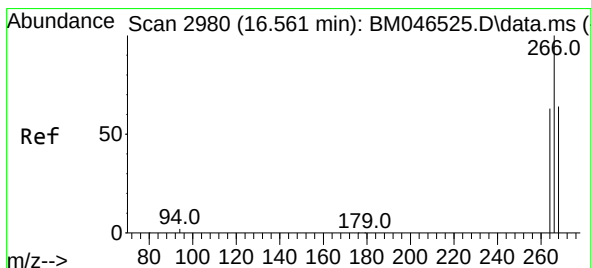
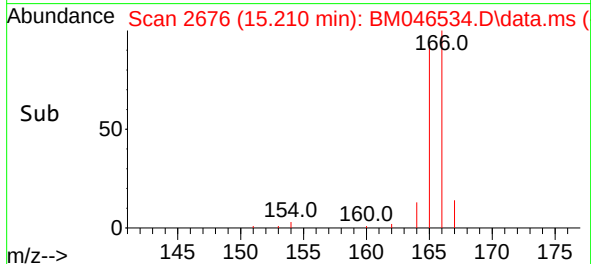
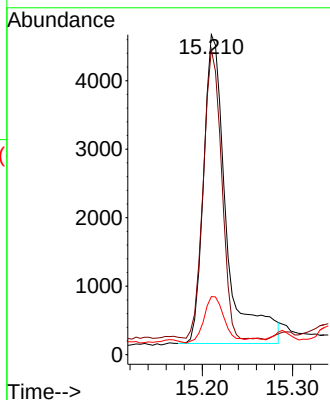
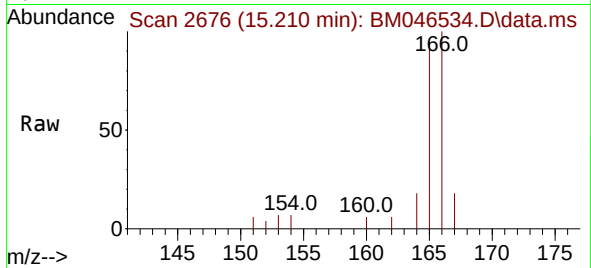




#12
 Fluorene
 Concen: 0.216 ng/ul
 RT: 15.210 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: BM046534.D
 Acq: 12 Jul 2024 01:52

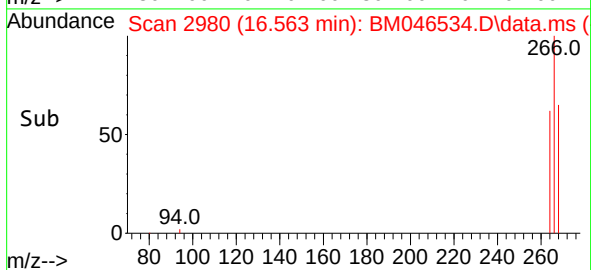
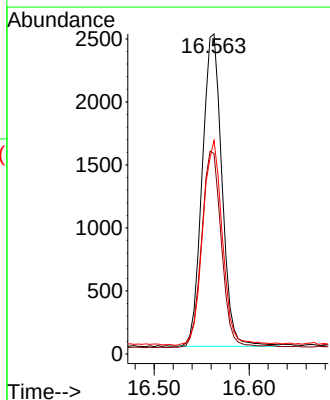
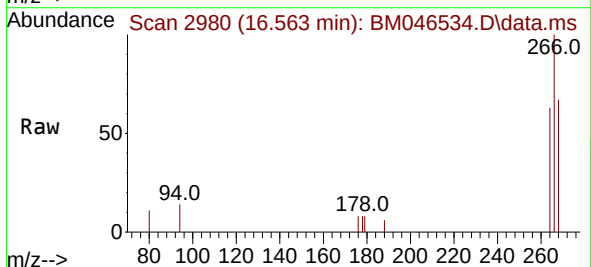
Instrument :
 BNA_M
 ClientSampleId :
 H0HC4MS

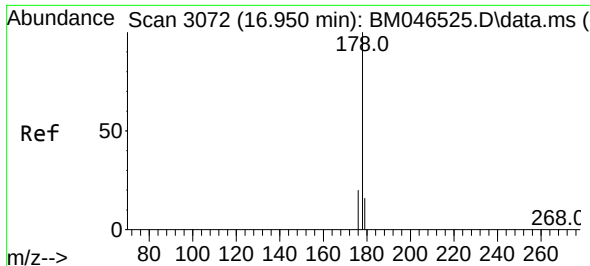
Tgt Ion:166 Resp: 7900
 Ion Ratio Lower Upper
 166 100
 165 95.3 76.1 114.1
 167 18.2 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.670 ng/ul
 RT: 16.563 min Scan# 2980
 Delta R.T. 0.001 min
 Lab File: BM046534.D
 Acq: 12 Jul 2024 01:52

Tgt Ion:266 Resp: 3584
 Ion Ratio Lower Upper
 266 100
 264 63.7 50.1 75.1
 268 65.6 52.5 78.7

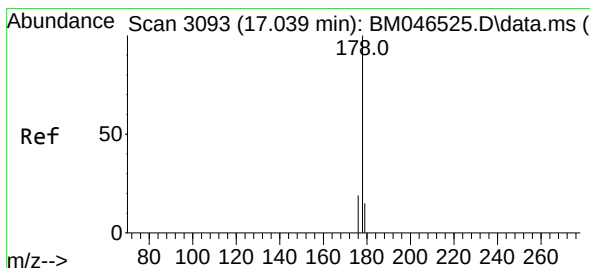
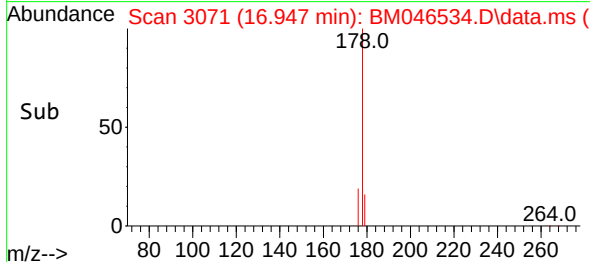
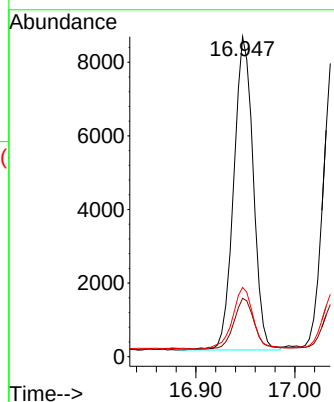
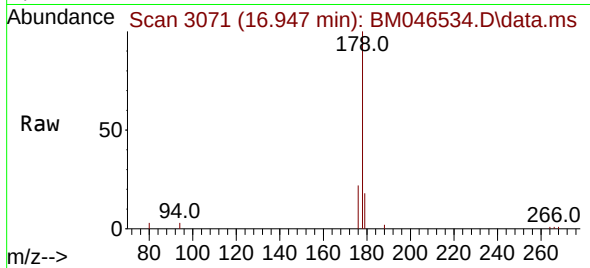




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 16.947 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

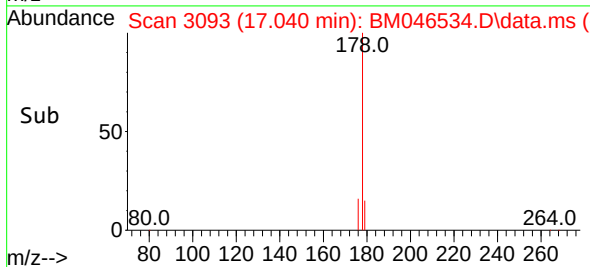
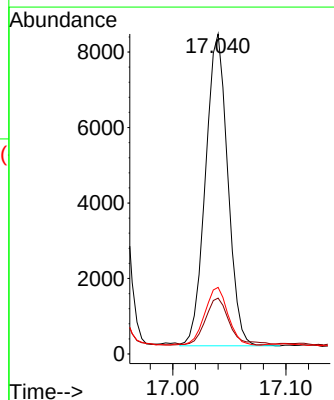
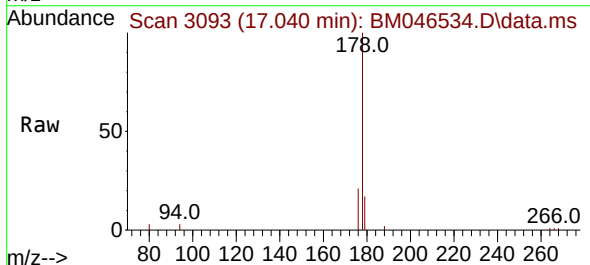
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

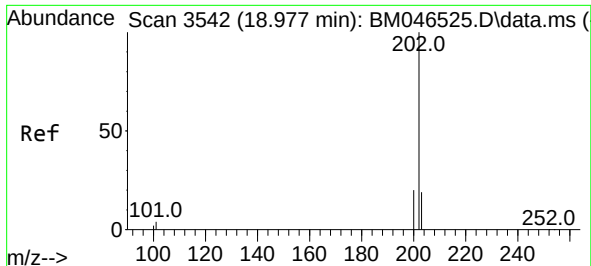
Tgt Ion:178 Resp: 11629
Ion Ratio Lower Upper
178 100
179 18.3 13.1 19.7
176 21.6 16.0 24.0



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.040 min Scan# 3093
Delta R.T. 0.001 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Tgt Ion:178 Resp: 11299
Ion Ratio Lower Upper
178 100
179 17.5 13.5 20.3
176 20.8 15.7 23.5

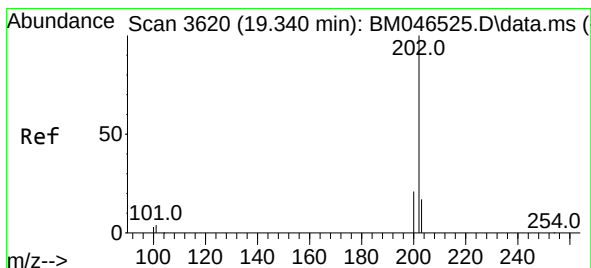
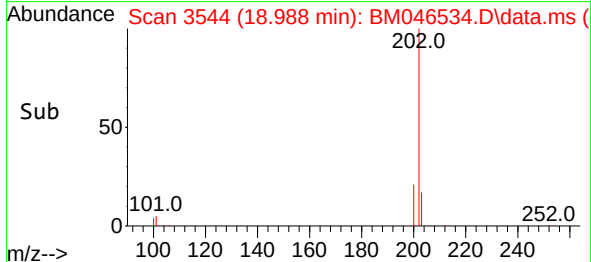
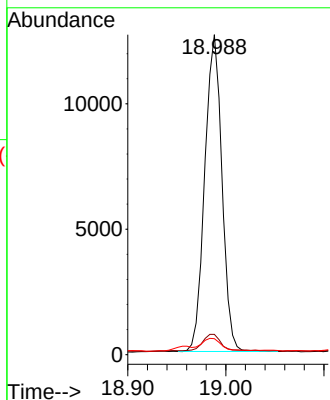
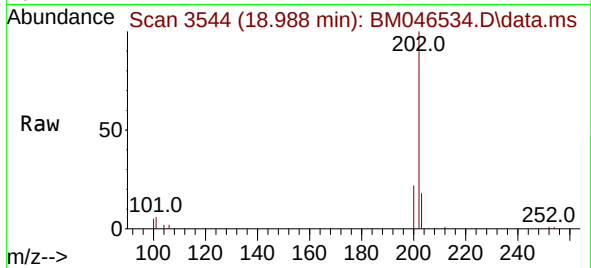




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 18.988 min Scan# 3544
Delta R.T. 0.011 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

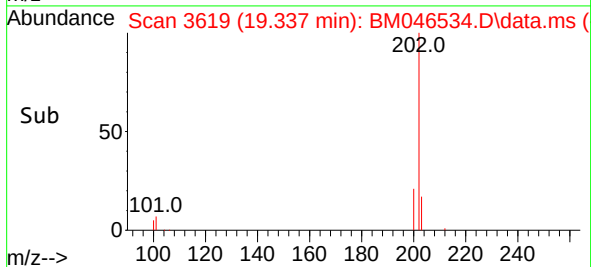
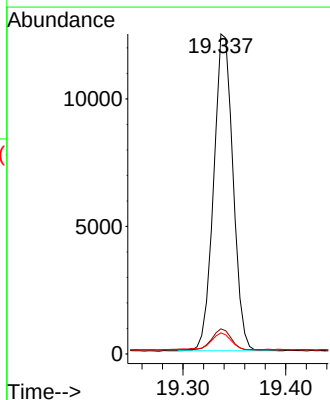
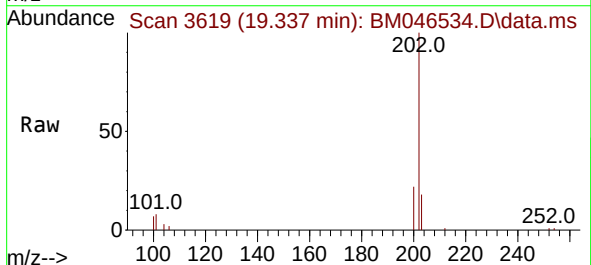
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ClientSampleId :
H0HC4MS

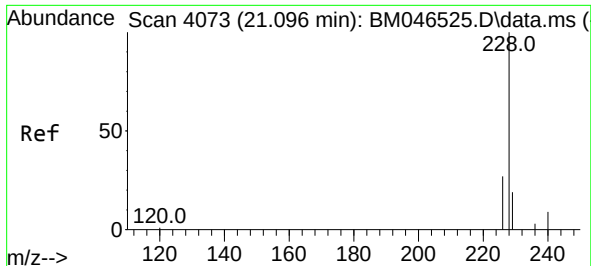
Tgt Ion:202 Resp: 15339
Ion Ratio Lower Upper
202 100
101 6.4 4.6 6.8
100 5.0 3.0 4.6#



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Tgt Ion:202 Resp: 16267
Ion Ratio Lower Upper
202 100
101 7.9 5.1 7.7#
100 6.6 3.8 5.6#

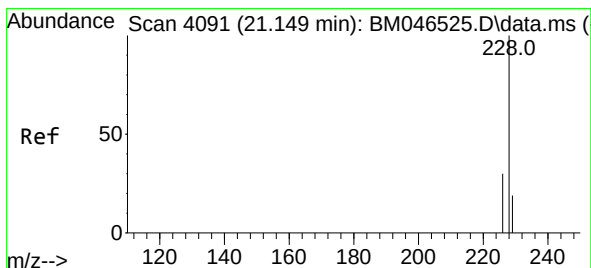
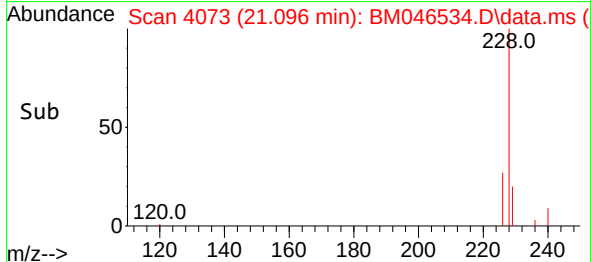
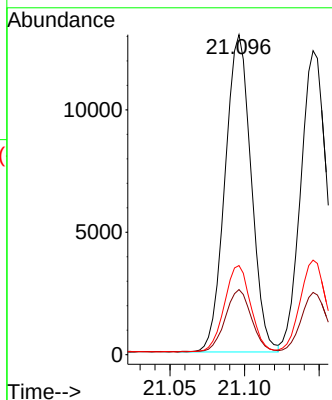
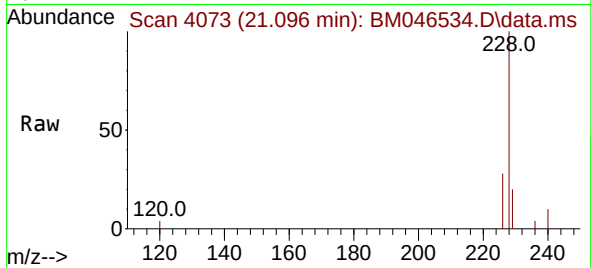




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. -0.000 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

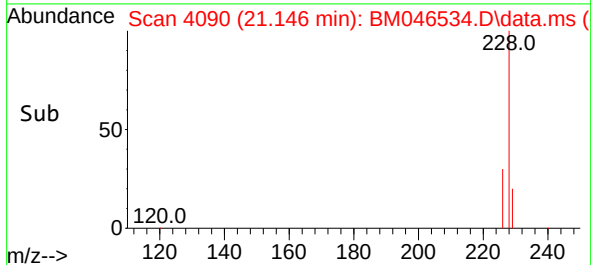
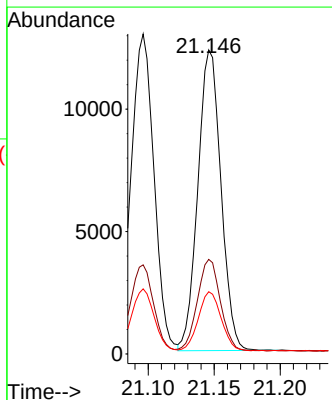
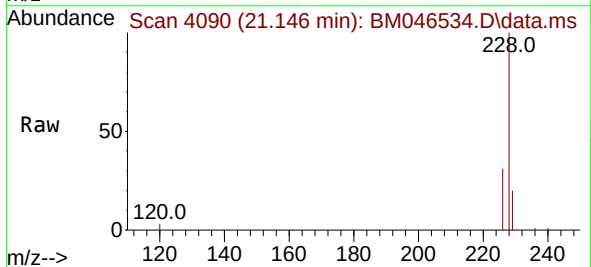
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

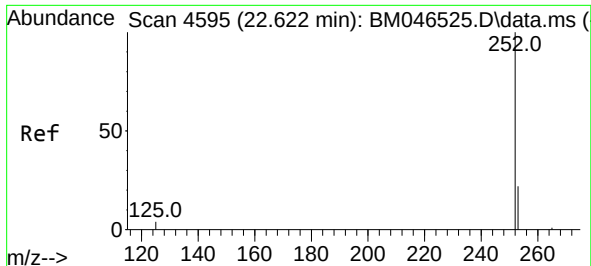
Tgt Ion:	228	Resp:	15787
Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.5	24.7
226	27.8	22.5	33.7



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

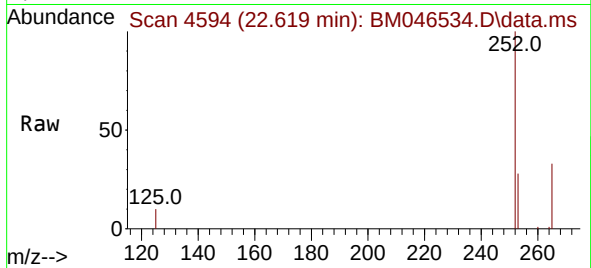
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Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.5	16.4	24.6



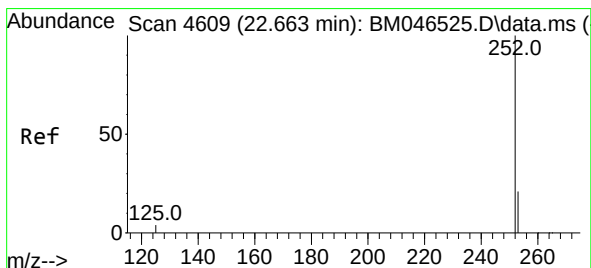
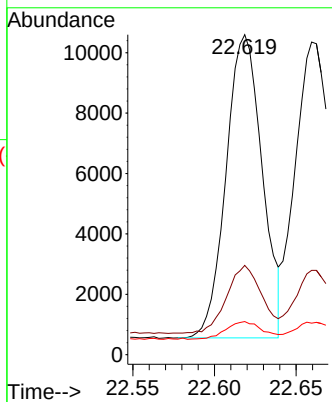
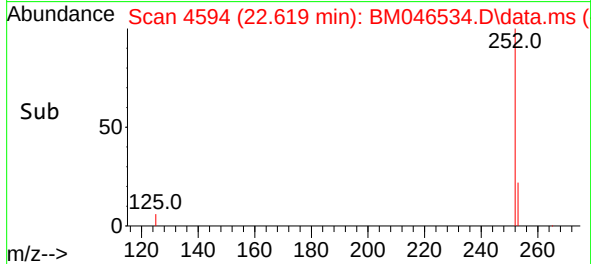


#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Instrument :
BNA_M
ClientSampleId :
H0HC4MS

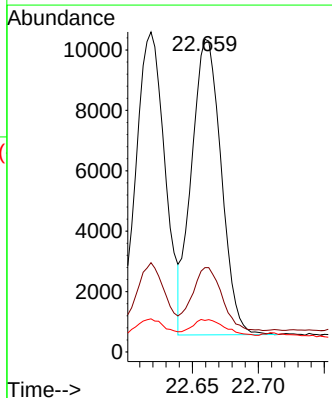
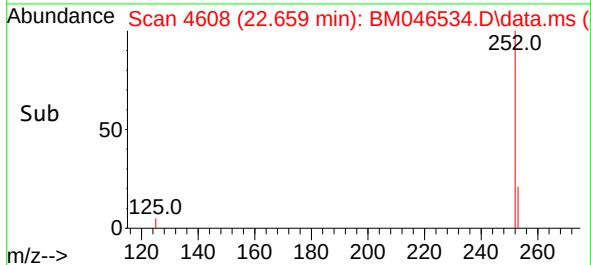
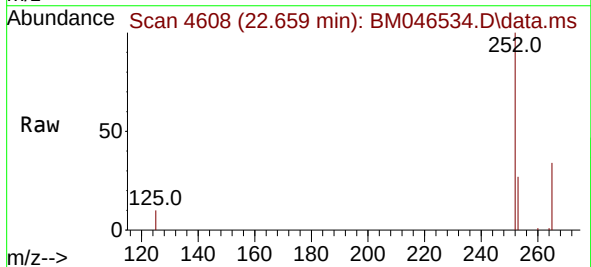


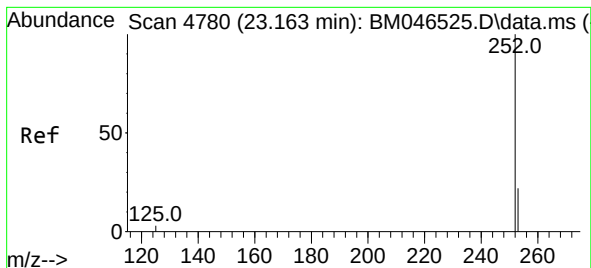
Tgt Ion:252 Resp: 15441
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.2
125 10.4 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.399 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Tgt Ion:252 Resp: 15322
Ion Ratio Lower Upper
252 100
253 27.0 22.4 33.6
125 10.1 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.421 ng/ul

RT: 23.159 min Scan# 4779

Delta R.T. -0.003 min

Lab File: BM046534.D

Acq: 12 Jul 2024 01:52

Instrument :

BNA_M

ClientSampleId :

H0HC4MS

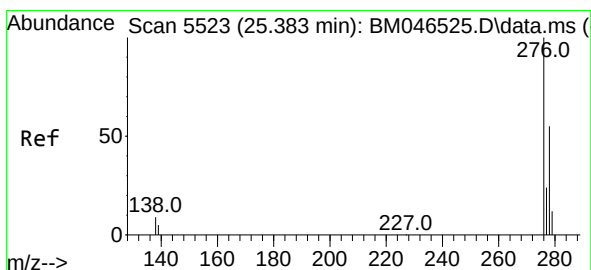
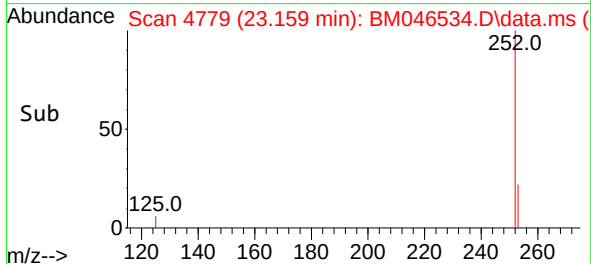
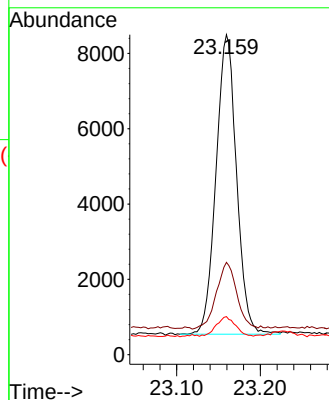
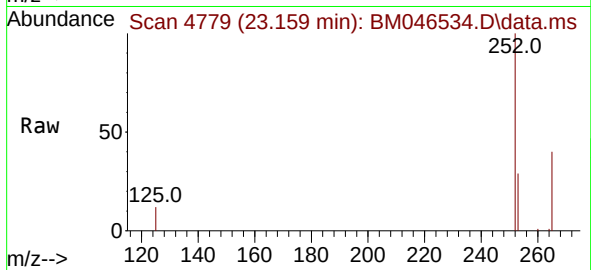
Tgt Ion:252 Resp: 13555

Ion Ratio Lower Upper

252 100

253 28.9 24.0 36.0

125 11.9 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/ul

RT: 25.376 min Scan# 5521

Delta R.T. -0.007 min

Lab File: BM046534.D

Acq: 12 Jul 2024 01:52

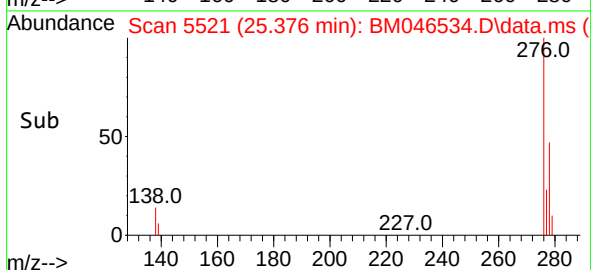
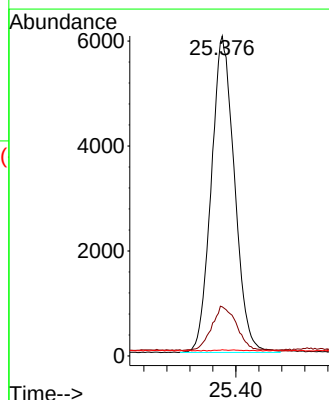
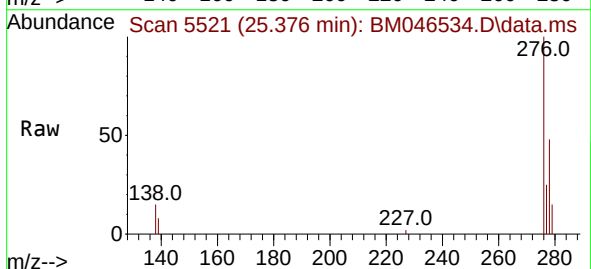
Tgt Ion:276 Resp: 16890

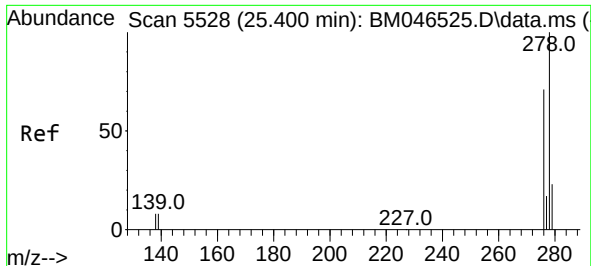
Ion Ratio Lower Upper

276 100

138 15.1 0.0 0.0#

227 0.2 0.2 0.2

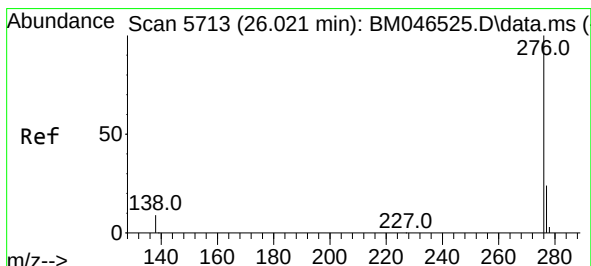
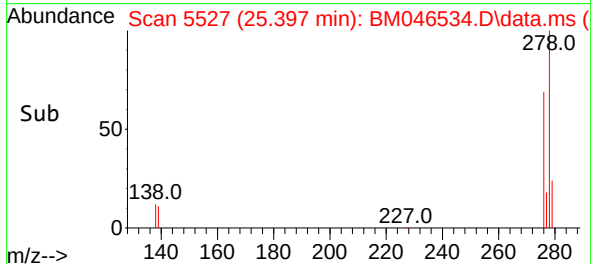
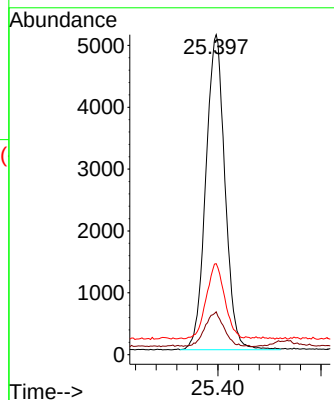
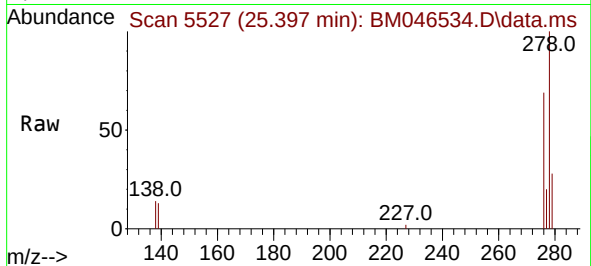




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 25.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Instrument :
BNA_M
ClientSampleId :
H0HC4MS

Tgt Ion:	278	Resp:	13144
Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.1	13.7
279	28.5	23.2	34.8



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. -0.000 min
Lab File: BM046534.D
Acq: 12 Jul 2024 01:52

Tgt Ion:	276	Resp:	12988
Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.2	15.4
277	25.7	20.9	31.3

