

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046559.D
 Acq On : 12 Jul 2024 23:48
 Operator : MA/JU
 Sample : P3087-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CB7MSD

Quant Time: Jul 13 00:36:54 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)

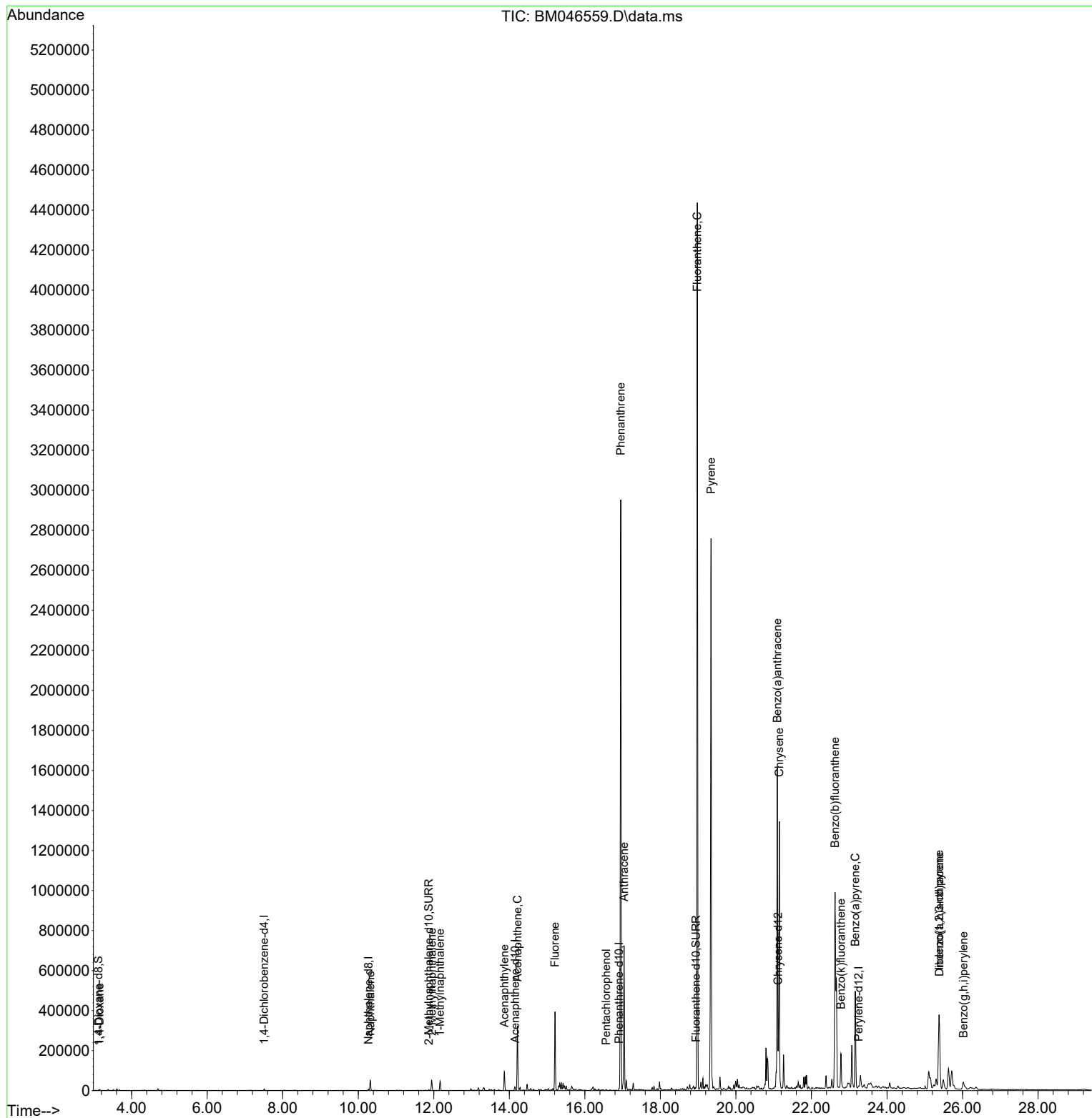
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3489	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	9558	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.154	164	6548	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	13410	0.400	ng/ul #	0.00
17) Chrysene-d12	21.111	240	8001	0.400	ng/ul #	0.00
23) Perylene-d12	23.250	264	11848	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1064	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	4211	0.273	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	8978	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.151	88	2833	0.926	ng/ul#	74
5) Naphthalene	10.319	128	65134	2.679	ng/ul	95
7) 2-Methylnaphthalene	11.947	142	36298	2.125	ng/ul	100
8) 1-Methylnaphthalene	12.167	142	31679	1.817	ng/ul	99
10) Acenaphthylene	13.867	152	106394	3.569	ng/ul	97
11) Acenaphthene	14.214	153	181560	9.091	ng/ul	96
12) Fluorene	15.209	166	237840	9.625	ng/ul	98
14) Pentachlorophenol	16.562	266	2237	0.329	ng/ul	98
15) Phenanthrene	16.950	178	3022656	78.987	ng/ul	98
16) Anthracene	17.039	178	715705	19.165	ng/ul	97
19) Fluoranthene	18.978	202	3826357	116.430	ng/ul#	98
20) Pyrene	19.340	202	2525952	70.991	ng/ul#	98
21) Benzo(a)anthracene	21.097	228	1372123	38.766	ng/ul	99
22) Chrysene	21.149	228	1243606	36.311	ng/ul	98
24) Benzo(b)fluoranthene	22.625	252	2161371	45.672	ng/ul	90
25) Benzo(k)fluoranthene	22.780	252	185967	4.003	ng/ul	99
26) Benzo(a)pyrene	23.160	252	632993	16.252	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.380	276	557202	9.401	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.387	278	190989	4.070	ng/ul	98
29) Benzo(g,h,i)perylene	26.024	276	82553	1.746	ng/ul	97

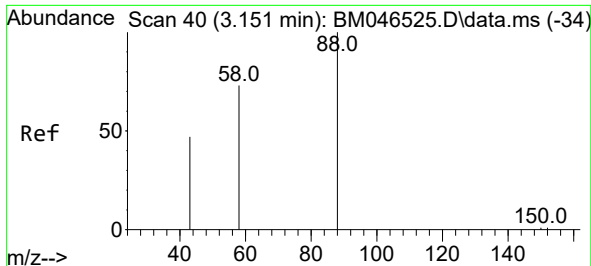
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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Quant Time: Jul 13 00:36:54 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

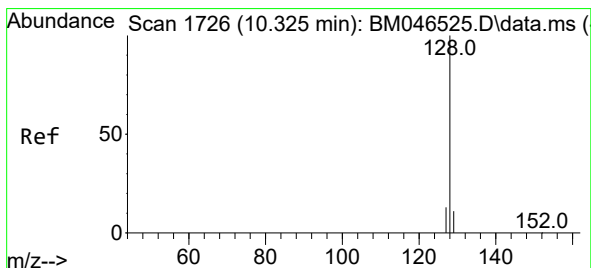
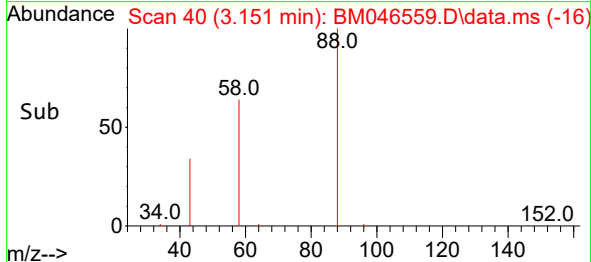
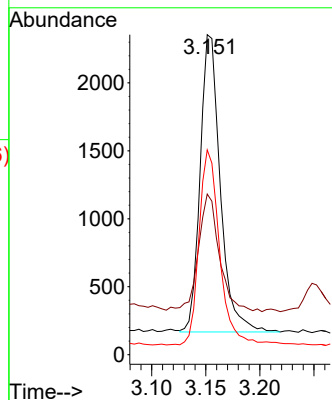
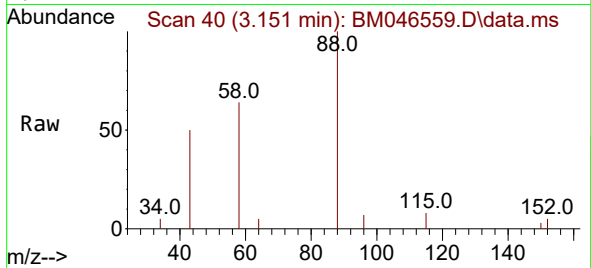




#2
1,4-Dioxane
Concen: 0.926 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

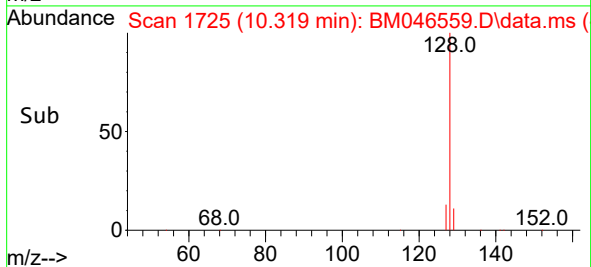
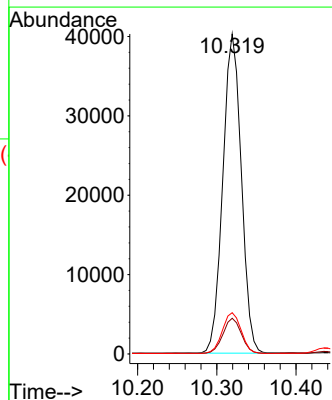
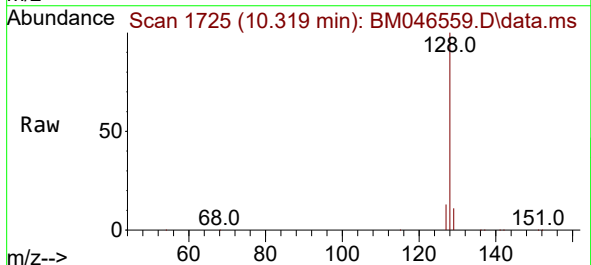
Instrument :
BNA_M
ClientSampleId :
A4CB7MSD

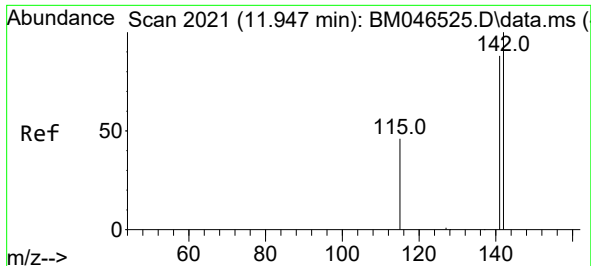
Tgt Ion: 88 Resp: 2833
Ion Ratio Lower Upper
88 100
43 50.2 70.2 105.4#
58 64.0 48.2 72.4



#5
Naphthalene
Concen: 2.679 ng/ul
RT: 10.319 min Scan# 1725
Delta R.T. -0.005 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion: 128 Resp: 65134
Ion Ratio Lower Upper
128 100
129 11.2 10.3 15.5
127 12.9 12.2 18.4

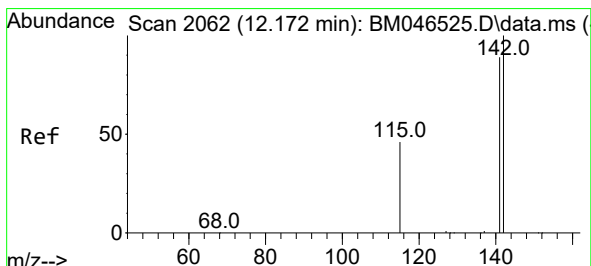
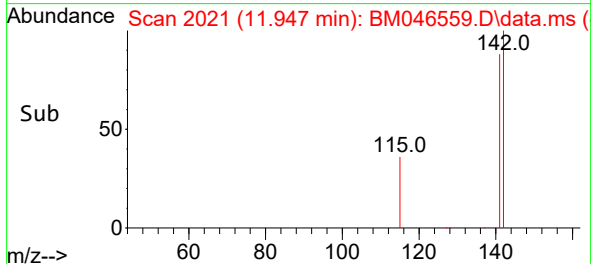
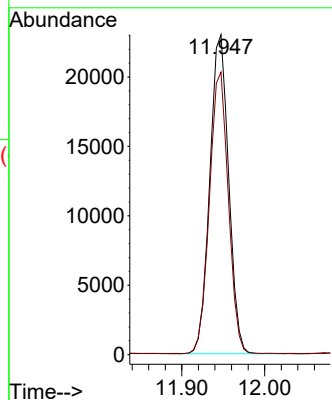
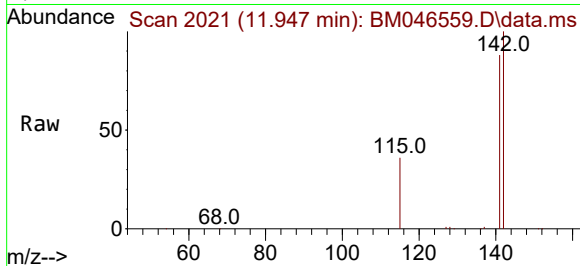




#7
2-Methylnaphthalene
Concen: 2.125 ng/ul
RT: 11.947 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

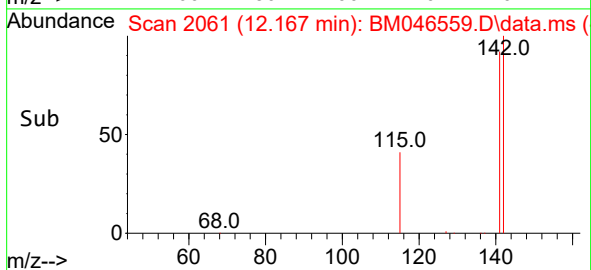
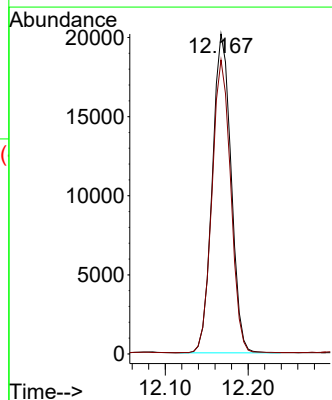
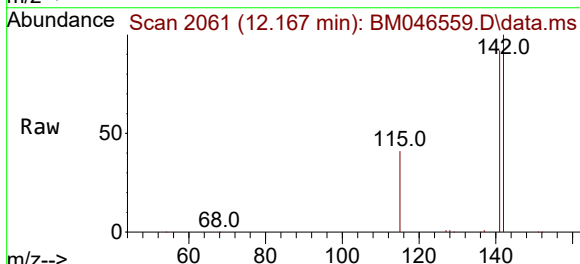
Instrument :
BNA_M
ClientSampleId :
A4CB7MSD

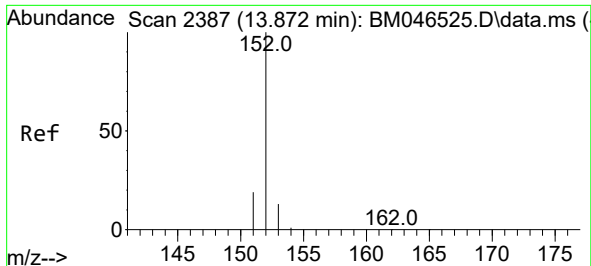
Tgt Ion:142 Resp: 36298
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 1.817 ng/ul
RT: 12.167 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:142 Resp: 31679
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9

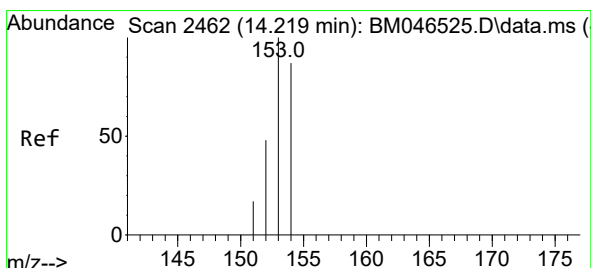
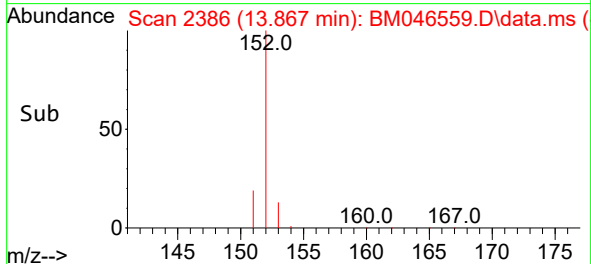
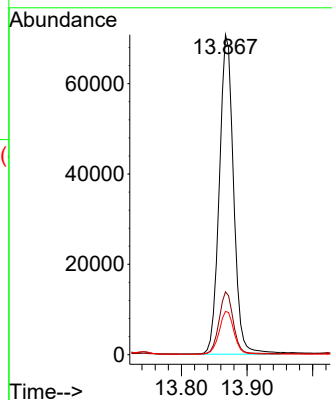
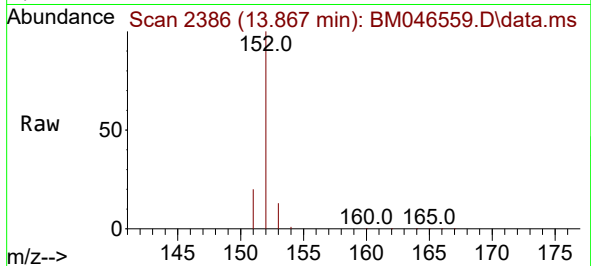




#10
Acenaphthylene
Concen: 3.569 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

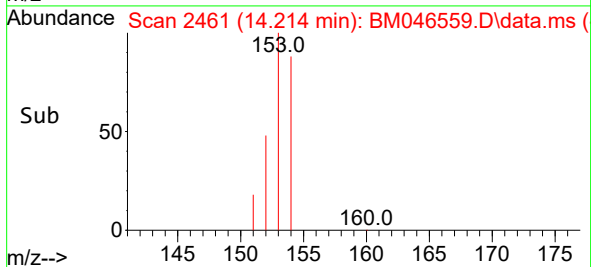
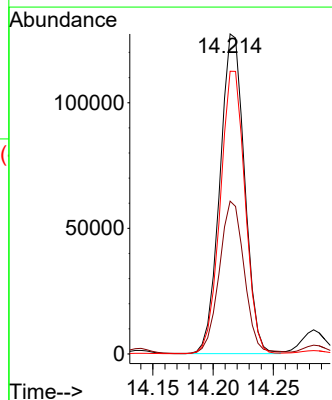
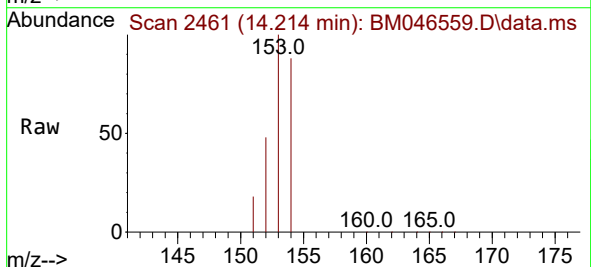
Instrument :
BNA_M
ClientSampleId :
A4CB7MSD

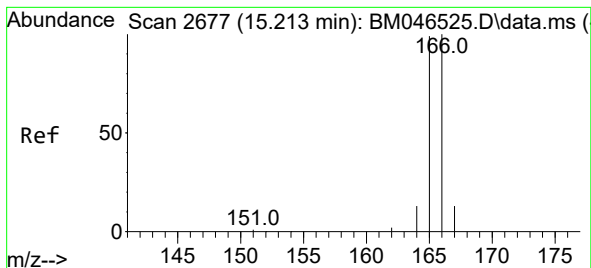
Tgt Ion:152 Resp: 106394
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.5 12.4 18.6



#11
Acenaphthene
Concen: 9.091 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:153 Resp: 181560
Ion Ratio Lower Upper
153 100
152 47.8 43.0 64.6
154 88.4 69.9 104.9





#12

Fluorene

Concen: 9.625 ng/ul

RT: 15.209 min Scan# 2

Delta R.T. -0.004 min

Lab File: BM046559.D

Acq: 12 Jul 2024 23:48

Instrument :

BNA_M

ClientSampleId :

A4CB7MSD

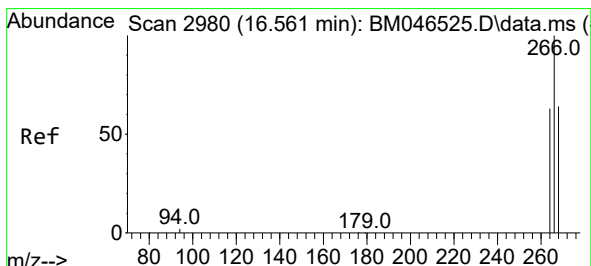
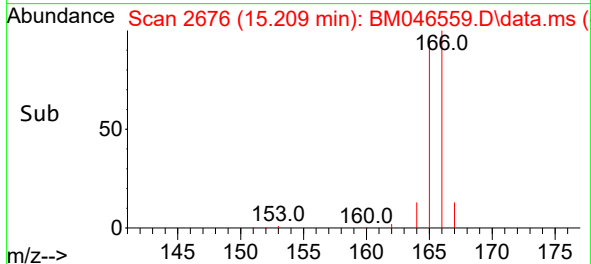
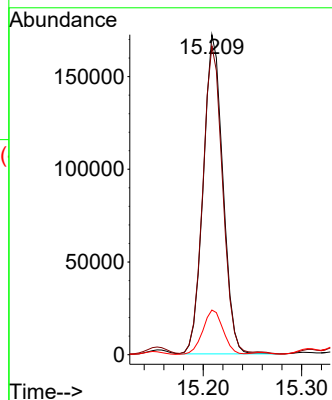
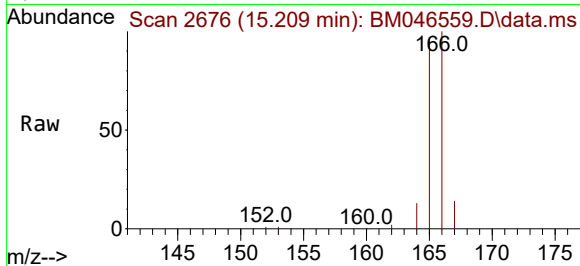
Tgt Ion:166 Resp: 237840

Ion Ratio Lower Upper

166 100

165 96.5 76.1 114.1

167 13.9 12.5 18.7



#14

Pentachlorophenol

Concen: 0.329 ng/ul

RT: 16.562 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM046559.D

Acq: 12 Jul 2024 23:48

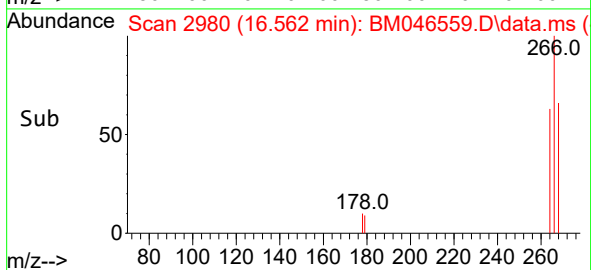
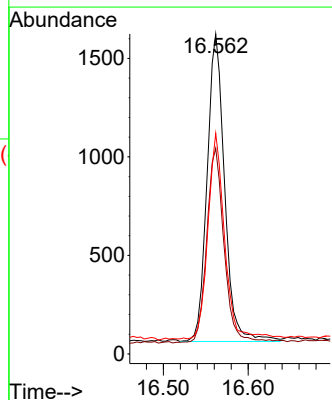
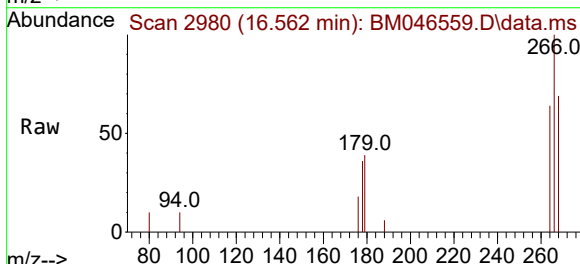
Tgt Ion:266 Resp: 2237

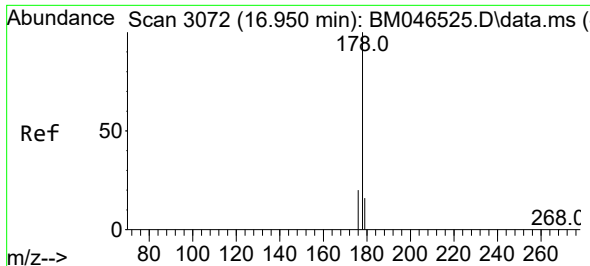
Ion Ratio Lower Upper

266 100

264 63.3 50.1 75.1

268 63.9 52.5 78.7

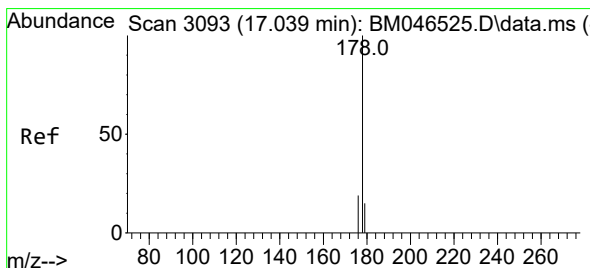
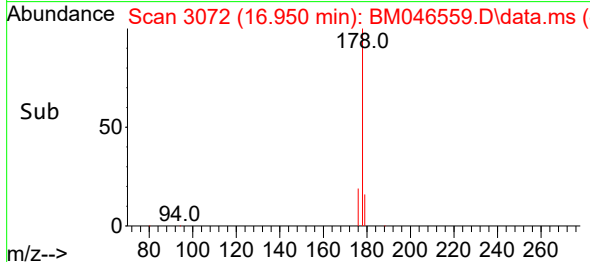
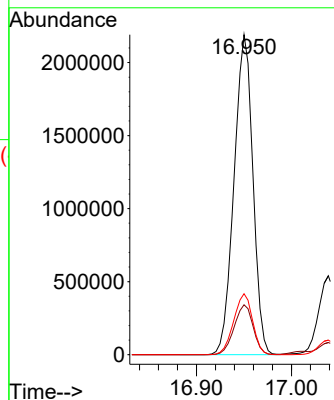
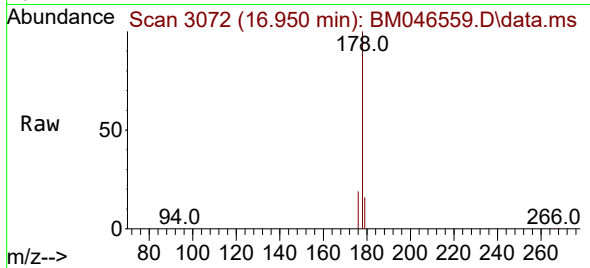




#15
Phenanthrene
Concen: 78.987 ng/ul
RT: 16.950 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

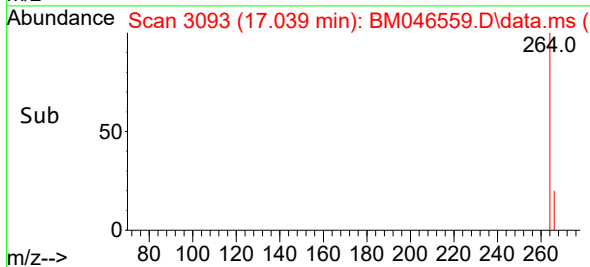
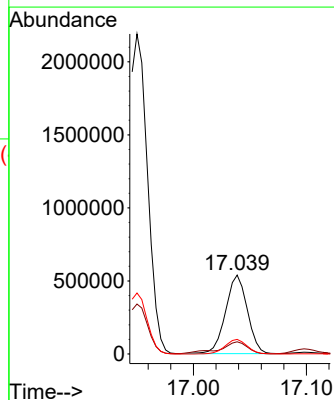
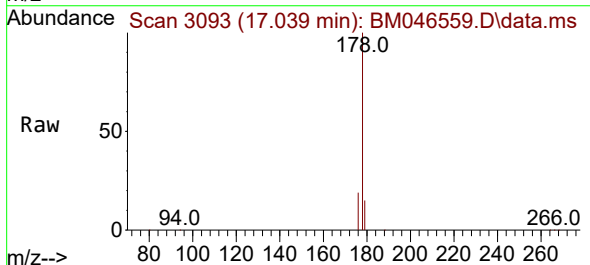
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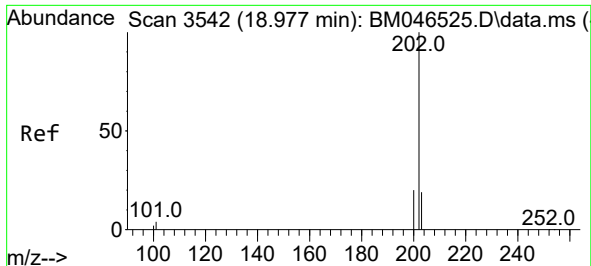
Tgt Ion:178 Resp: 3022656
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.1 16.0 24.0



#16
Anthracene
Concen: 19.165 ng/ul
RT: 17.039 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:178 Resp: 715705
Ion Ratio Lower Upper
178 100
179 15.5 13.5 20.3
176 18.5 15.7 23.5

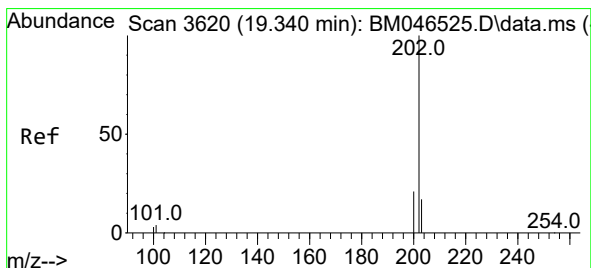
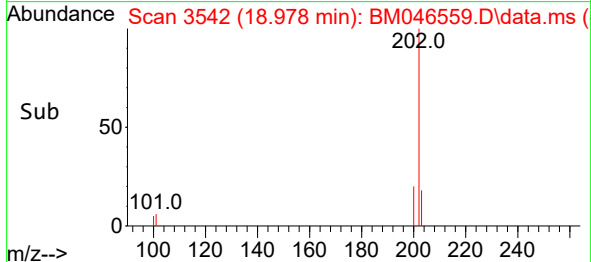
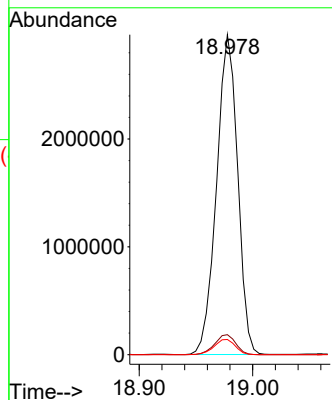
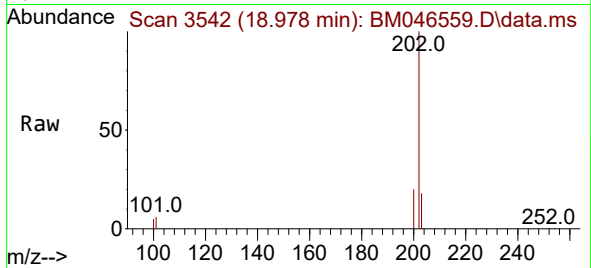




#19
Fluoranthene
Concen: 116.430 ng/ul
RT: 18.978 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

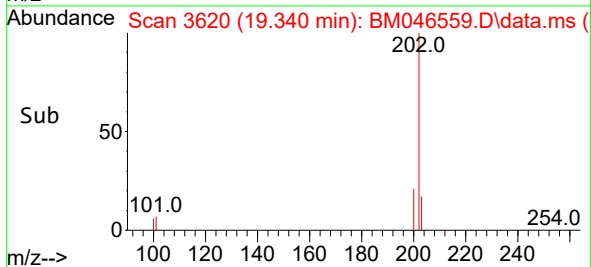
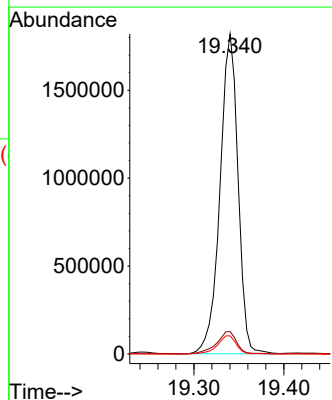
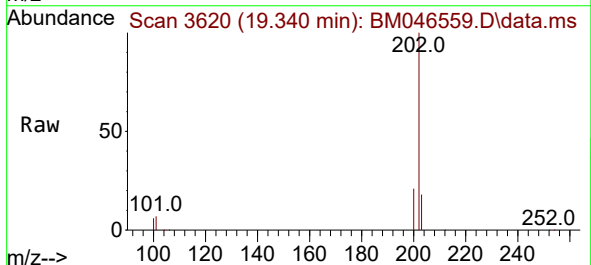
Instrument :
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A4CB7MSD

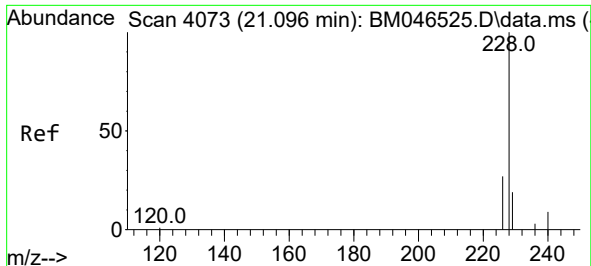
Tgt Ion:202 Resp: 3826357
Ion Ratio Lower Upper
202 100
101 6.3 4.6 6.8
100 4.7 3.0 4.6#



#20
Pyrene
Concen: 70.991 ng/ul
RT: 19.340 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:202 Resp: 2525952
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.7 3.8 5.6#

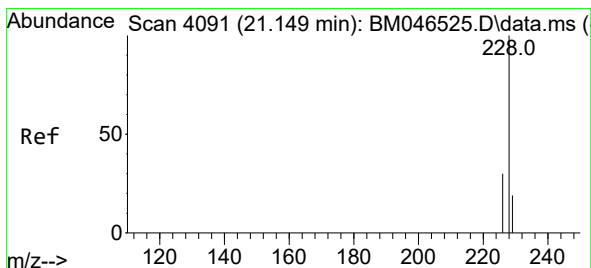
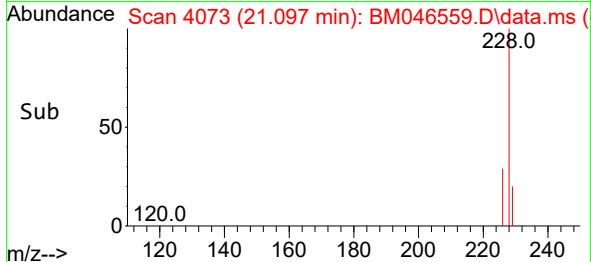
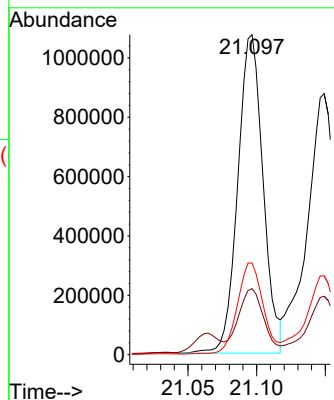
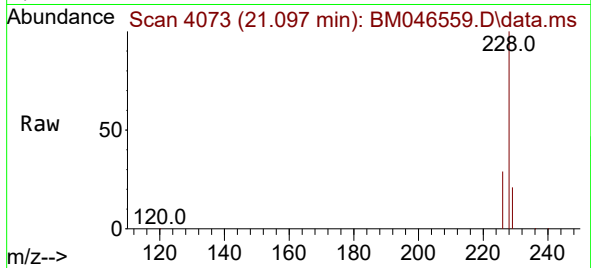




#21
Benzo(a)anthracene
Concen: 38.766 ng/ul
RT: 21.097 min Scan# 4073
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

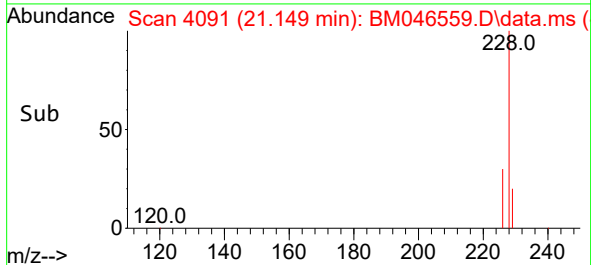
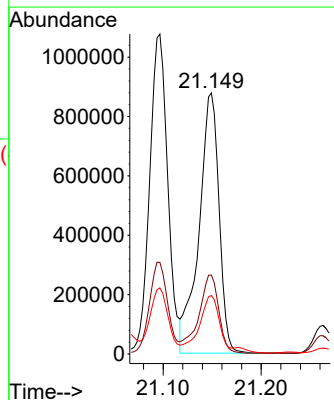
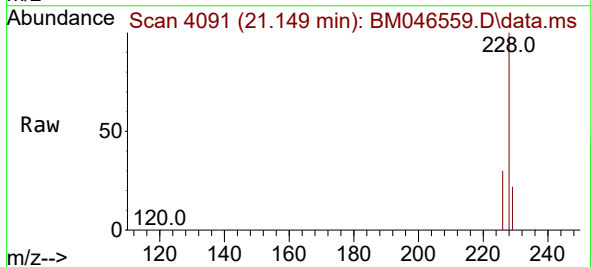
Instrument :
BNA_M
ClientSampleId :
A4CB7MSD

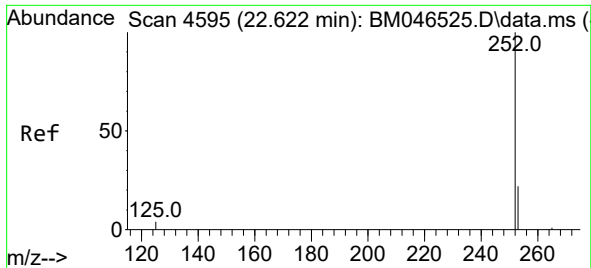
Tgt Ion:228 Resp: 1372123
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 28.6 22.5 33.7



#22
Chrysene
Concen: 36.311 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. 0.000 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:228 Resp: 1243606
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.3 16.4 24.6

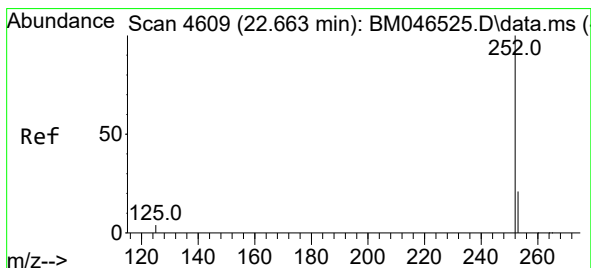
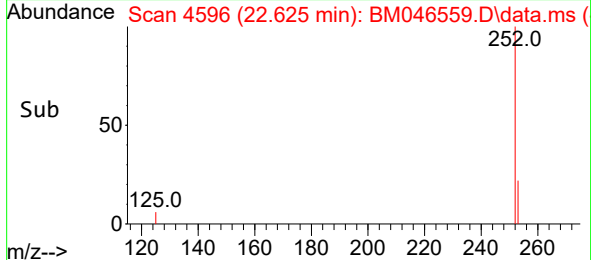
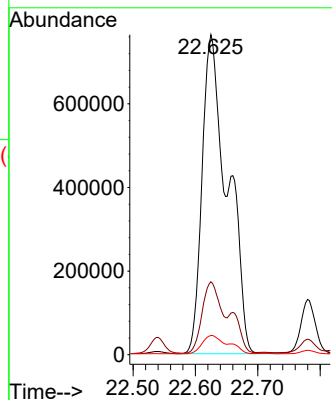
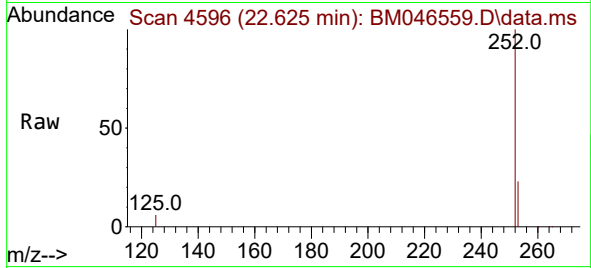




#24
Benzo(b)fluoranthene
Concen: 45.672 ng/ul
RT: 22.625 min Scan# 4595
Delta R.T. 0.003 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

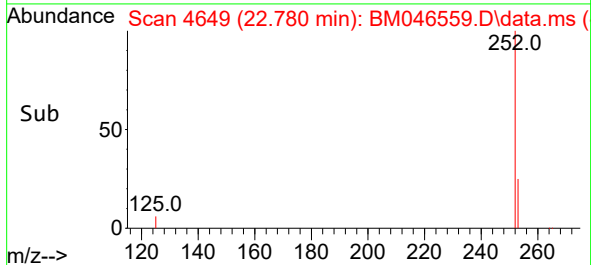
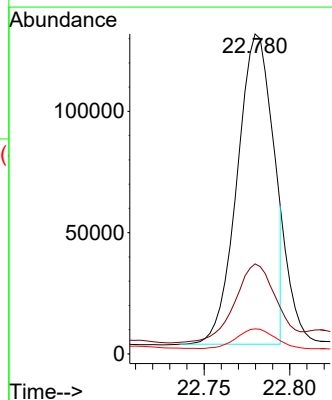
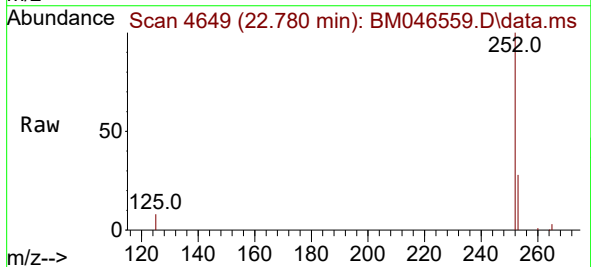
Instrument :
BNA_M
ClientSampleId :
A4CB7MSD

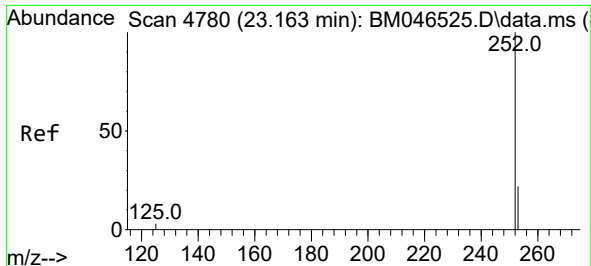
Tgt Ion:252 Resp: 2161371
Ion Ratio Lower Upper
252 100
253 22.8 0.0 56.2
125 6.0 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 4.003 ng/ul
RT: 22.780 min Scan# 4649
Delta R.T. 0.117 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:252 Resp: 185967
Ion Ratio Lower Upper
252 100
253 28.2 22.4 33.6
125 7.9 7.0 10.4

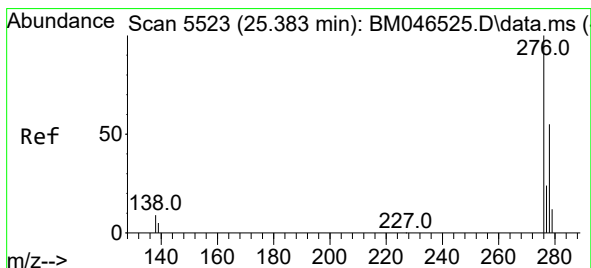
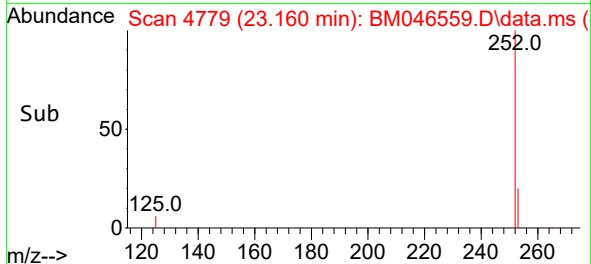
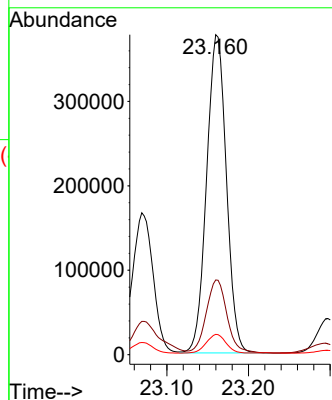
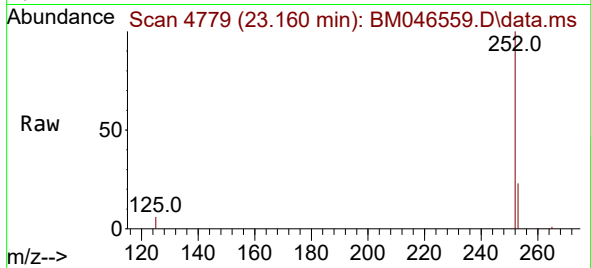




#26
Benzo(a)pyrene
Concen: 16.252 ng/ul
RT: 23.160 min Scan# 4780
Delta R.T. -0.003 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

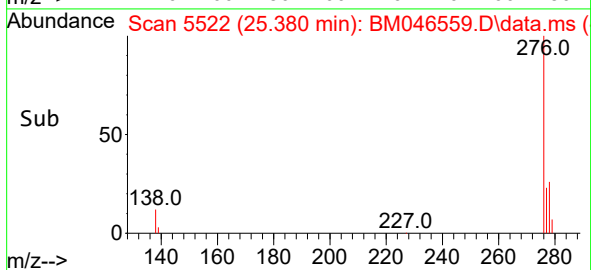
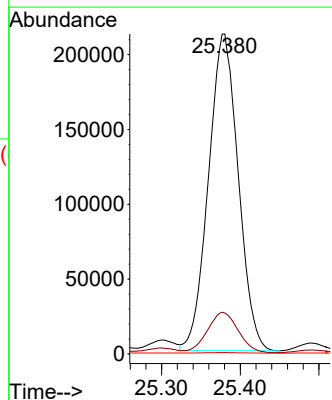
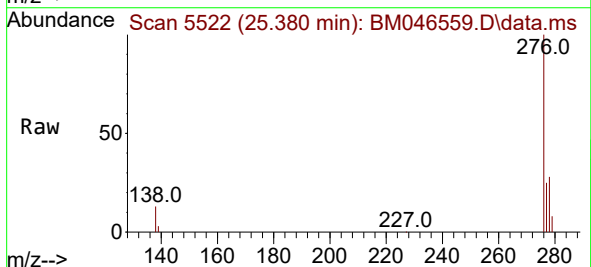
Instrument :
BNA_M
ClientSampleId :
A4CB7MSD

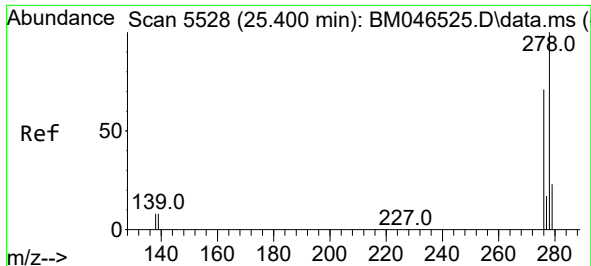
Tgt Ion:252 Resp: 632993
Ion Ratio Lower Upper
252 100
253 23.4 24.0 36.0#
125 6.4 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.401 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.003 min
Lab File: BM046559.D
Acq: 12 Jul 2024 23:48

Tgt Ion:276 Resp: 557202
Ion Ratio Lower Upper
276 100
138 13.2 0.0 0.0#
227 0.2 0.2 0.2

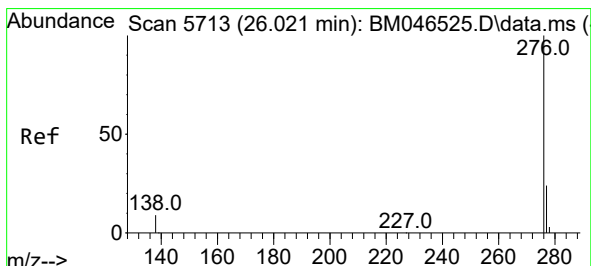
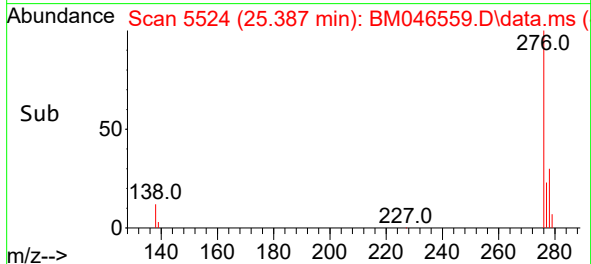
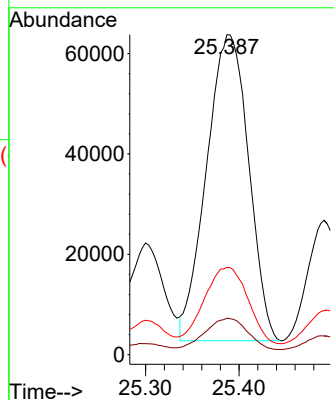
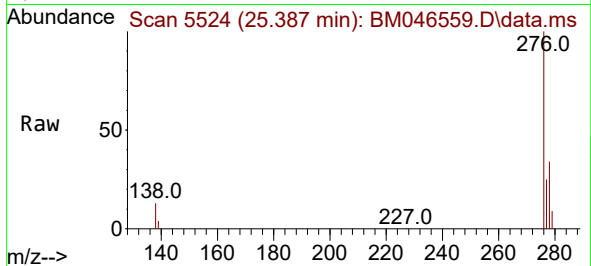




#28
 Dibenzo(a,h)anthracene
 Concen: 4.070 ng/ul
 RT: 25.387 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BM046559.D
 Acq: 12 Jul 2024 23:48

Instrument :
 BNA_M
 ClientSampleId :
 A4CB7MSD

Tgt Ion:278 Resp: 190989
 Ion Ratio Lower Upper
 278 100
 139 11.4 9.1 13.7
 279 27.3 23.2 34.8



#29
 Benzo(g,h,i)perylene
 Concen: 1.746 ng/ul
 RT: 26.024 min Scan# 5714
 Delta R.T. 0.004 min
 Lab File: BM046559.D
 Acq: 12 Jul 2024 23:48

Tgt Ion:276 Resp: 82553
 Ion Ratio Lower Upper
 276 100
 138 14.6 10.2 15.4
 277 27.6 20.9 31.3

