

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046070.D
 Acq On : 19 Jun 2024 03:18
 Operator : MA/JU
 Sample : P2695-27MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3MSD

Quant Time: Jun 19 08:25:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

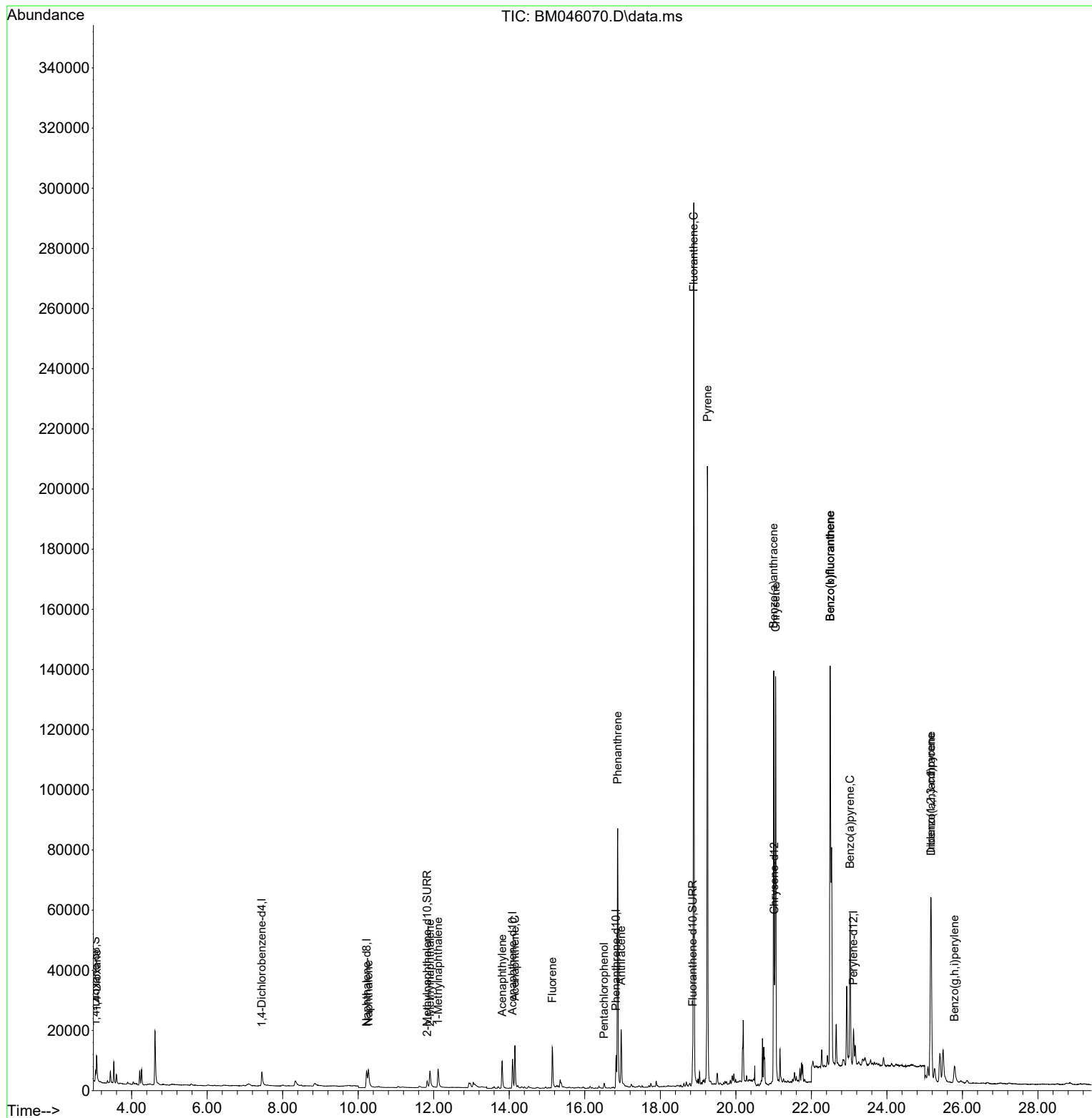
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	4157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.220	136	11829	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.089	164	6575	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.827	188	13934	0.400	ng/ul	-0.03
17) Chrysene-d12	21.018	240	11234	0.400	ng/ul	-0.03
23) Perylene-d12	23.116	264	14980	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	2164	0.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	4392	0.277	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	10582	0.315	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.075	88	5922	0.926	ng/ul#	81
5) Naphthalene	10.270	128	11732	0.356	ng/ul	96
7) 2-Methylnaphthalene	11.903	142	6187	0.333	ng/ul	98
8) 1-Methylnaphthalene	12.117	142	6101	0.299	ng/ul	99
10) Acenaphthylene	13.811	152	14141	0.453	ng/ul	96
11) Acenaphthene	14.149	153	9652	0.429	ng/ul	98
12) Fluorene	15.139	166	10933	0.453	ng/ul	99
14) Pentachlorophenol	16.511	266	1545	0.370	ng/ul	98
15) Phenanthrene	16.870	178	97042	2.479	ng/ul	96
16) Anthracene	16.963	178	23942	0.821	ng/ul	96
19) Fluoranthene	18.884	202	247893	5.096	ng/ul	98
20) Pyrene	19.247	202	175151	3.330	ng/ul	98
21) Benzo(a)anthracene	21.000	228	114028	2.628	ng/ul	99
22) Chrysene	21.053	228	130880	2.363	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	264663	4.904	ng/ul	83
25) Benzo(k)fluoranthene	22.499	252	264663	4.125	ng/ul#	82
26) Benzo(a)pyrene	23.025	252	64743	1.295	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.165	276	76452	0.934	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.169	278	35104	0.576	ng/ul	93
29) Benzo(g,h,i)perylene	25.789	276	11535	0.164	ng/ul	92

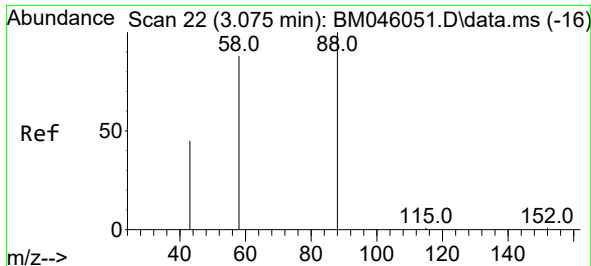
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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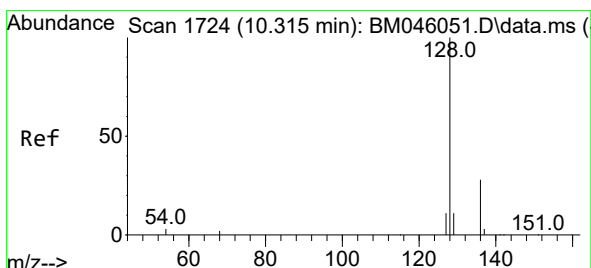
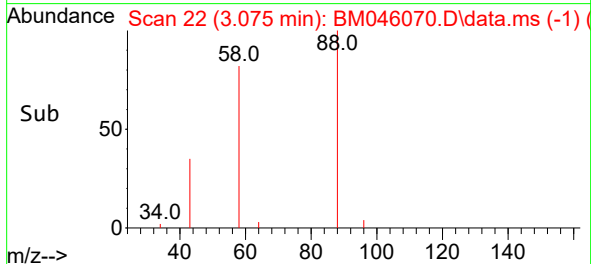
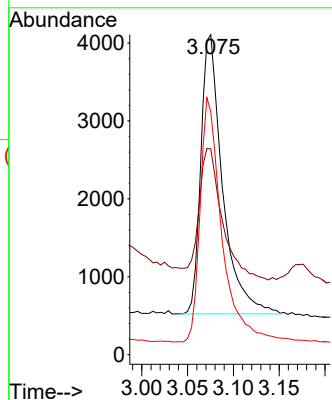
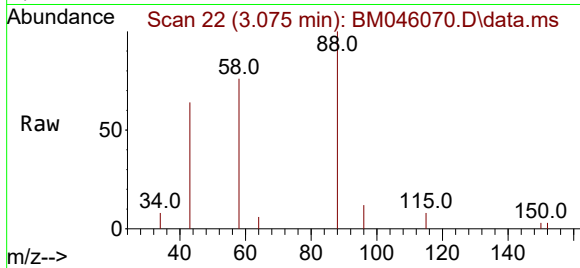




#2
1,4-Dioxane
Concen: 0.926 ng/ul
RT: 3.075 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

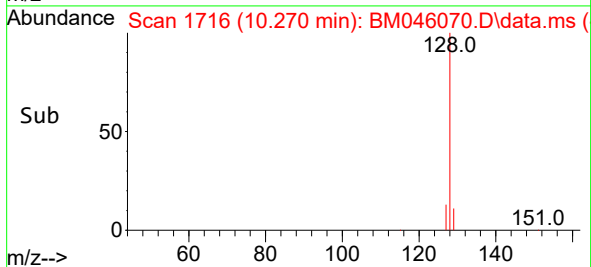
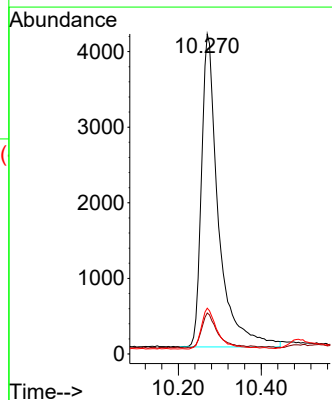
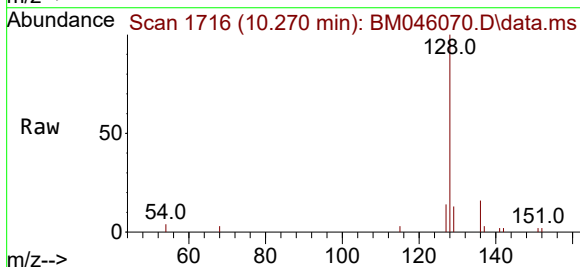
Instrument :
BNA_M
ClientSampleId :
A4BN3MSD

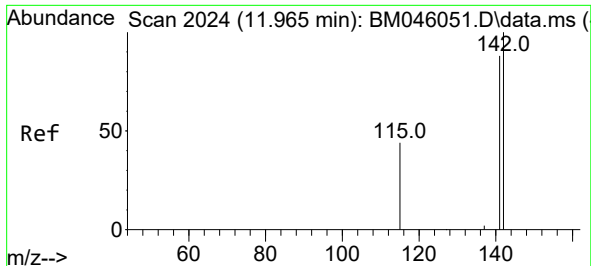
Tgt Ion: 88 Resp: 5922
Ion Ratio Lower Upper
88 100
43 64.3 69.8 104.8#
58 75.9 53.2 79.8



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion: 128 Resp: 11732
Ion Ratio Lower Upper
128 100
129 12.8 11.8 17.6
127 14.3 12.8 19.2

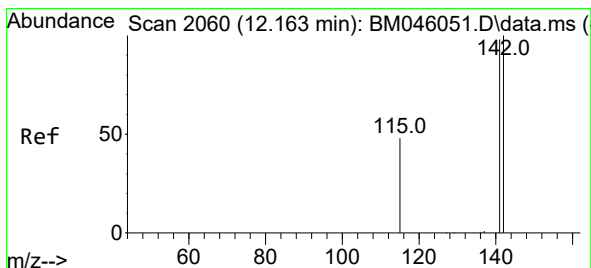
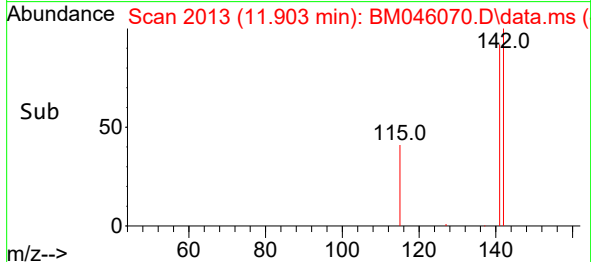
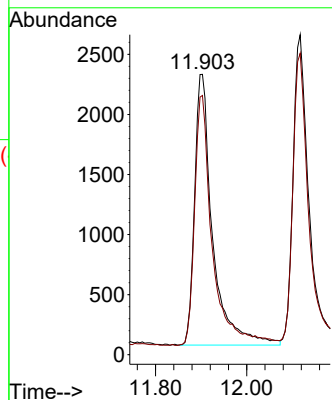
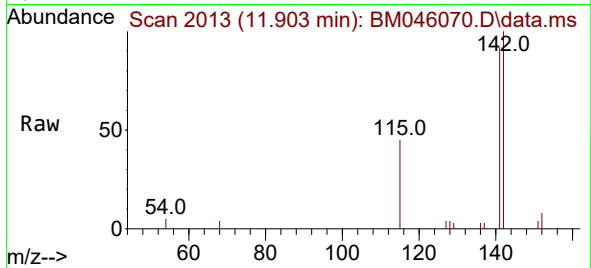




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

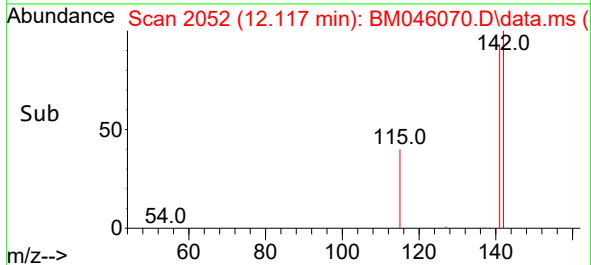
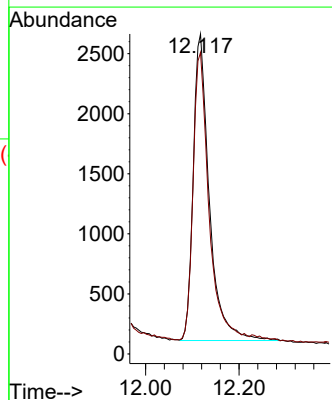
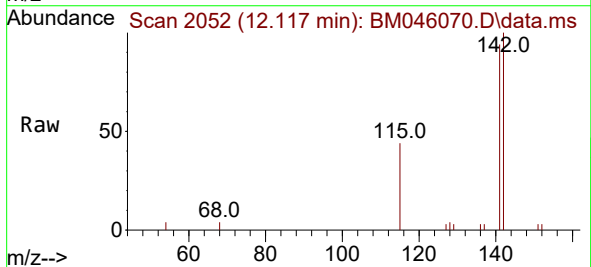
Instrument :
BNA_M
ClientSampleId :
A4BN3MSD

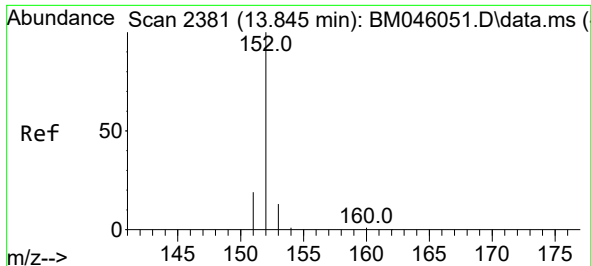
Tgt Ion:142 Resp: 6187
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.117 min Scan# 2052
Delta R.T. -0.033 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:142 Resp: 6101
Ion Ratio Lower Upper
142 100
141 95.0 75.2 112.8

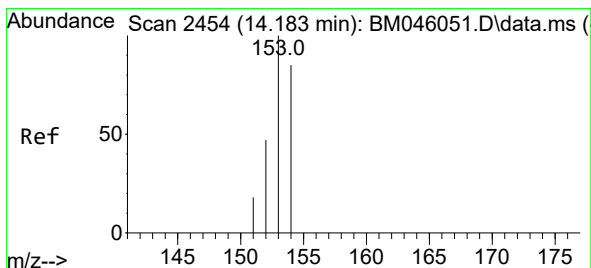
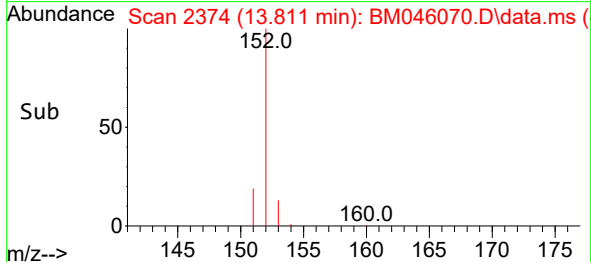
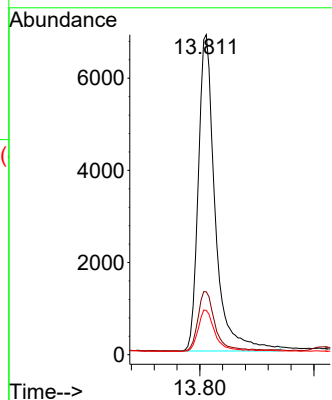
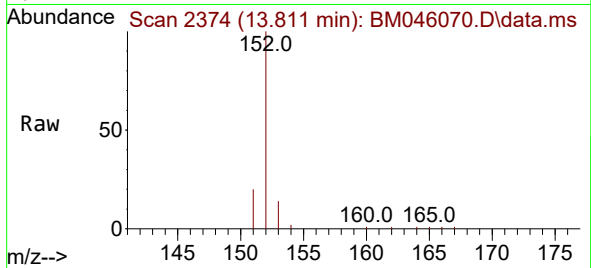




#10
Acenaphthylene
Concen: 0.453 ng/ul
RT: 13.811 min Scan# 2141
Delta R.T. -0.023 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

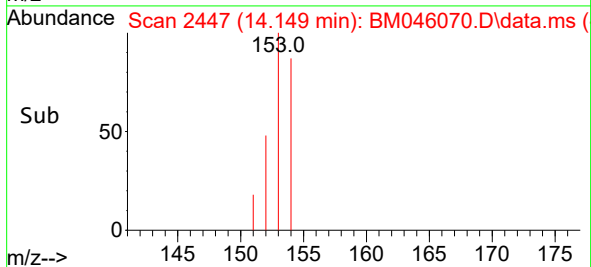
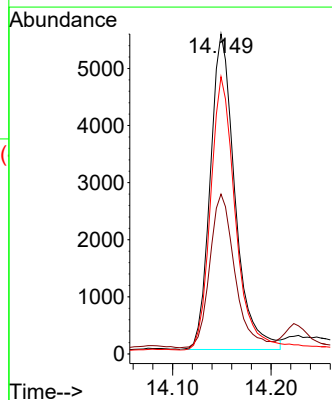
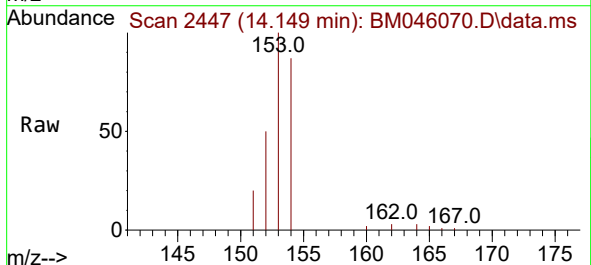
Instrument :
BNA_M
ClientSampleId :
A4BN3MSD

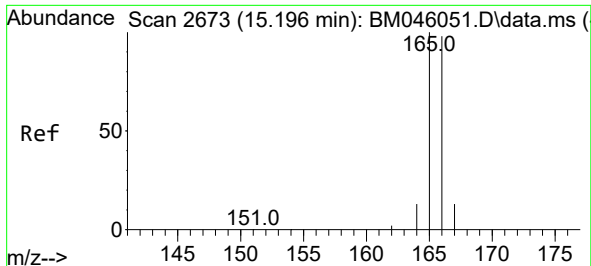
Tgt Ion:	152	Resp:	14141
Ion Ratio	Lower	Upper	
152	100		
151	19.7	17.4	26.2
153	13.9	11.8	17.8



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.149 min Scan# 2447
Delta R.T. -0.023 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:	153	Resp:	9652
Ion Ratio	Lower	Upper	
153	100		
152	49.9	41.3	61.9
154	86.7	68.2	102.4

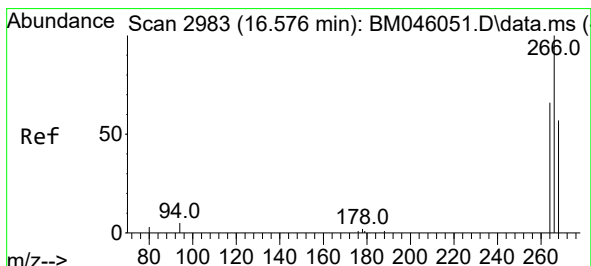
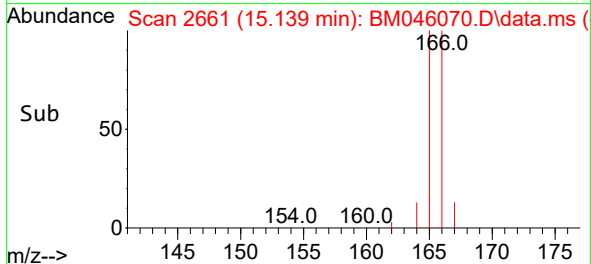
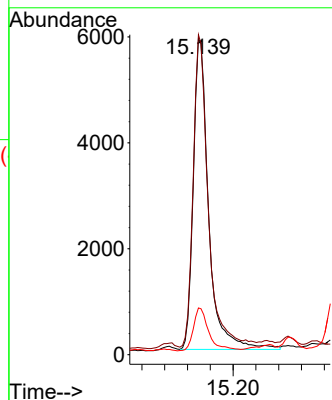
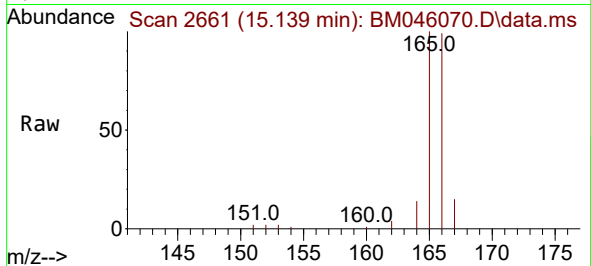




#12
Fluorene
Concen: 0.453 ng/ul
RT: 15.139 min Scan# 2
Delta R.T. -0.042 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

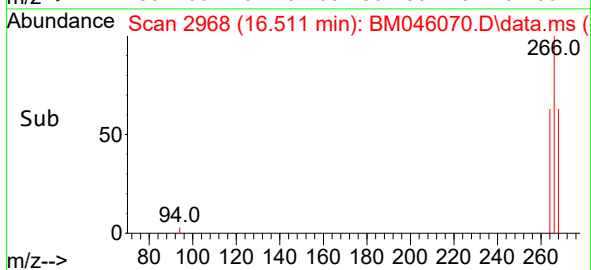
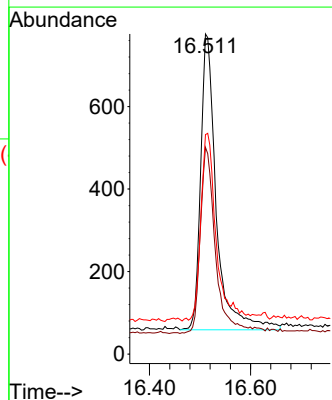
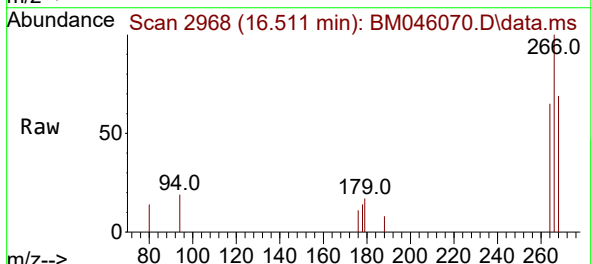
Instrument :
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ClientSampleId :
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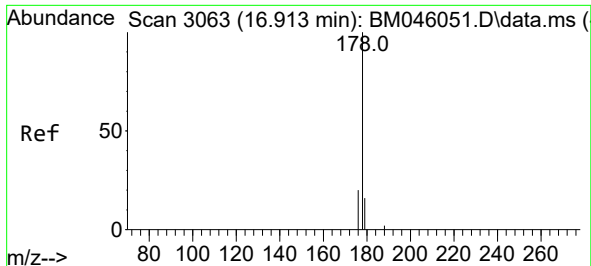
Tgt Ion:166 Resp: 10933
Ion Ratio Lower Upper
166 100
165 101.2 80.4 120.6
167 14.8 12.4 18.6



#14
Pentachlorophenol
Concen: 0.370 ng/ul
RT: 16.511 min Scan# 2968
Delta R.T. -0.055 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:266 Resp: 1545
Ion Ratio Lower Upper
266 100
264 61.5 50.9 76.3
268 63.8 52.3 78.5

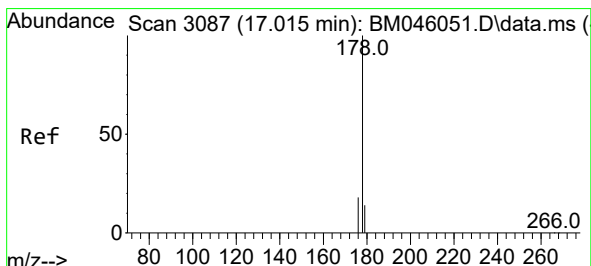
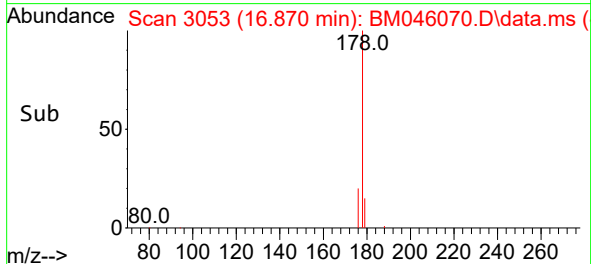
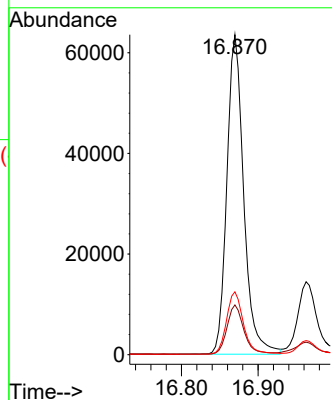
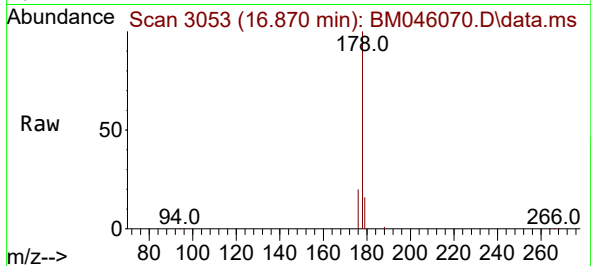




#15
Phenanthrene
Concen: 2.479 ng/ul
RT: 16.870 min Scan# 3063
Delta R.T. -0.034 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

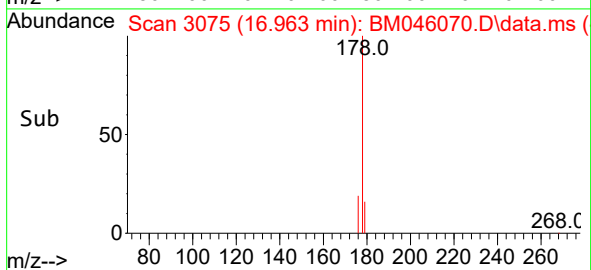
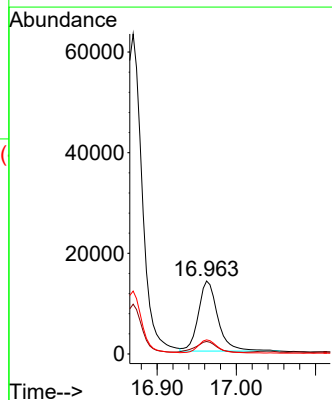
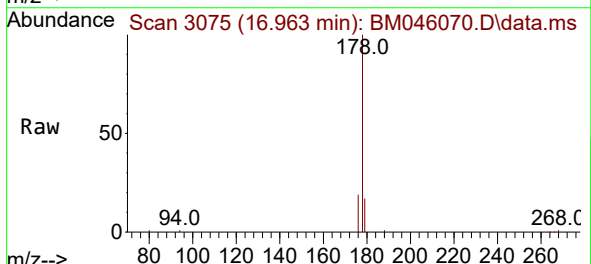
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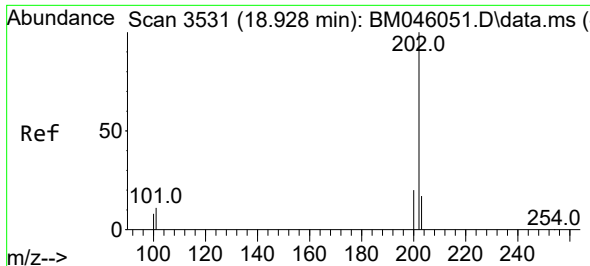
Tgt Ion:178 Resp: 97042
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.7 17.1 25.7



#16
Anthracene
Concen: 0.821 ng/ul
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:178 Resp: 23942
Ion Ratio Lower Upper
178 100
179 17.1 14.9 22.3
176 19.3 17.0 25.4

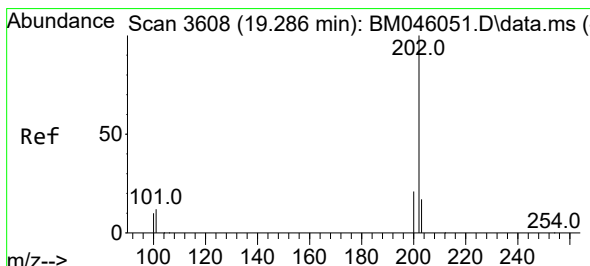
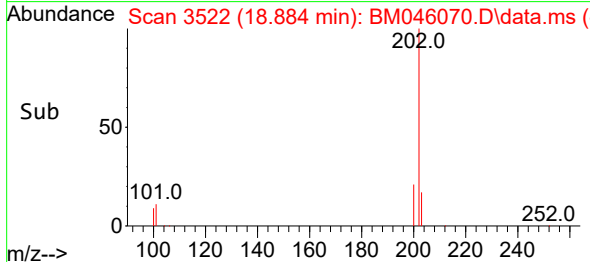
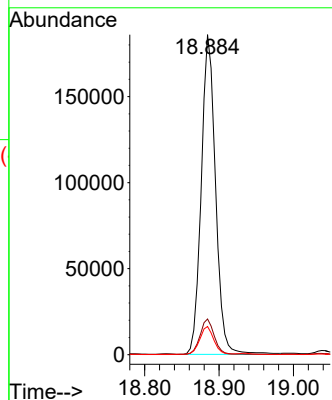
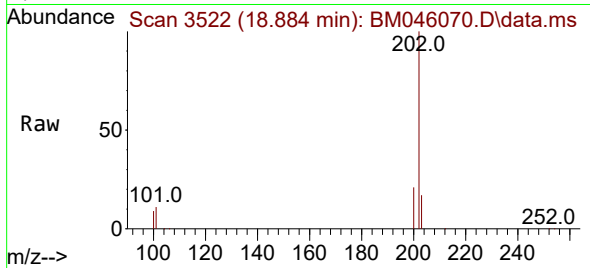




#19
Fluoranthene
Concen: 5.096 ng/ul
RT: 18.884 min Scan# 3522
Delta R.T. -0.033 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

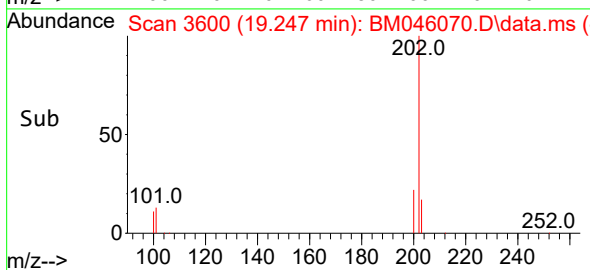
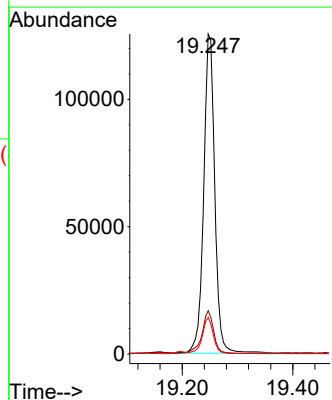
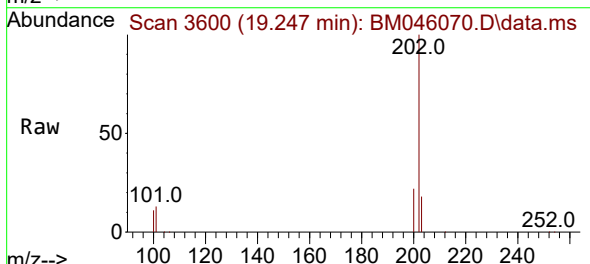
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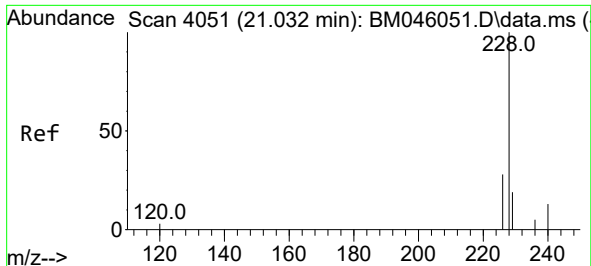
Tgt Ion:202 Resp: 247893
Ion Ratio Lower Upper
202 100
101 11.2 9.6 14.4
100 8.8 7.6 11.4



#20
Pyrene
Concen: 3.330 ng/ul
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:202 Resp: 175151
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 11.4 9.8 14.6

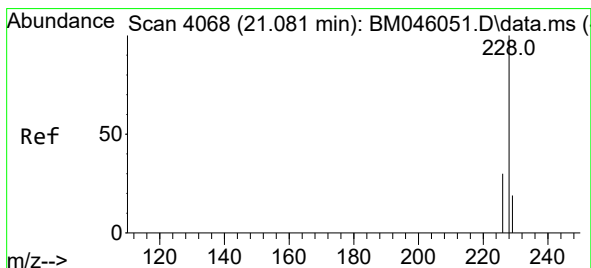
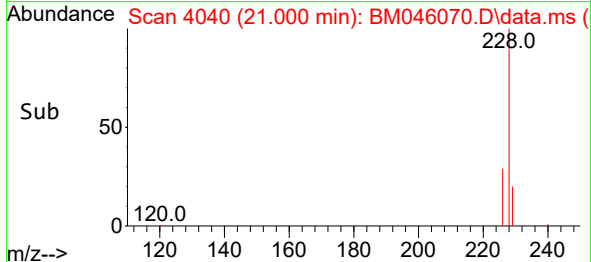
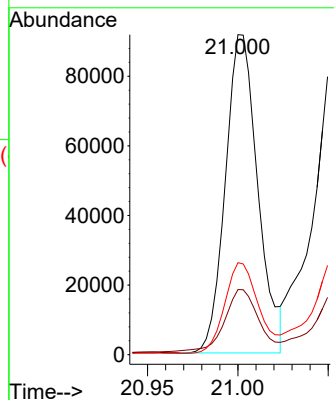
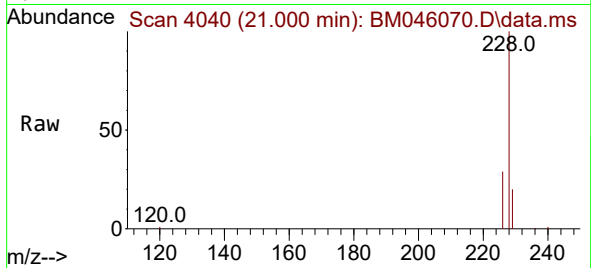




#21
Benzo(a)anthracene
Concen: 2.628 ng/ul
RT: 21.000 min Scan# 4051
Delta R.T. -0.029 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

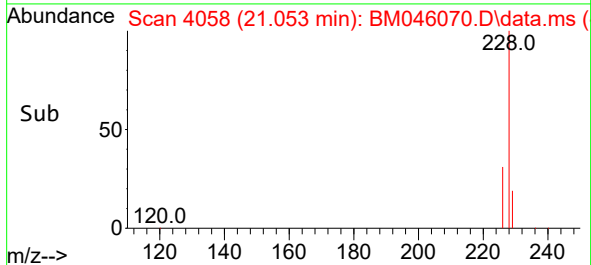
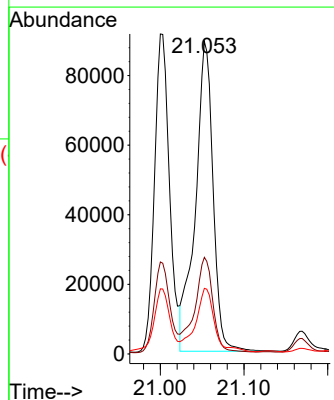
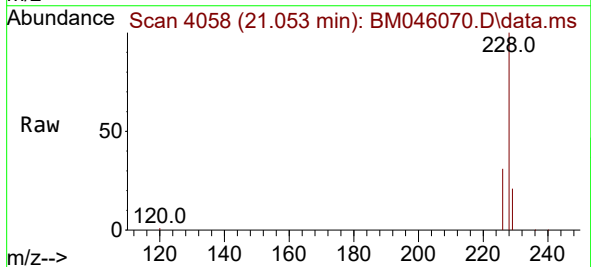
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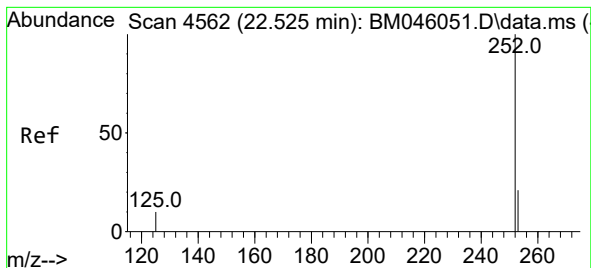
Tgt Ion:228 Resp: 114028
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 28.8 23.4 35.2



#22
Chrysene
Concen: 2.363 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:228 Resp: 130880
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.0 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 4.904 ng/ul

RT: 22.499 min Scan# 4553

Delta R.T. -0.021 min

Lab File: BM046070.D

Acq: 19 Jun 2024 03:18

Instrument :

BNA_M

ClientSampleId :

A4BN3MSD

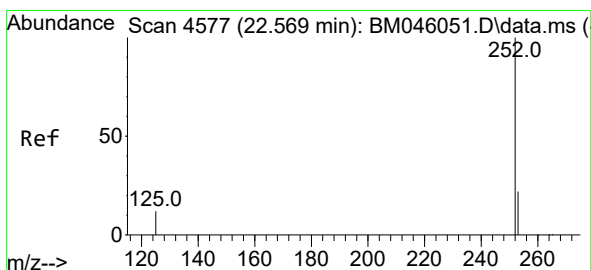
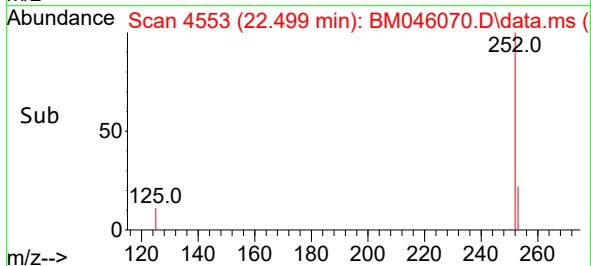
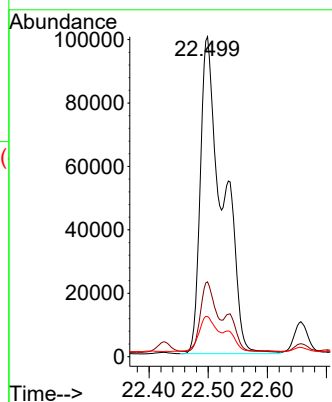
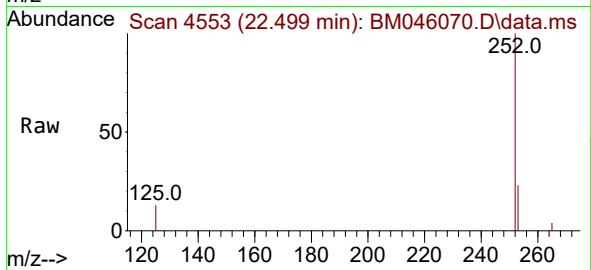
Tgt Ion:252 Resp: 264663

Ion Ratio Lower Upper

252 100

253 23.4 0.0 65.8

125 12.6 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 4.125 ng/ul

RT: 22.499 min Scan# 4553

Delta R.T. -0.064 min

Lab File: BM046070.D

Acq: 19 Jun 2024 03:18

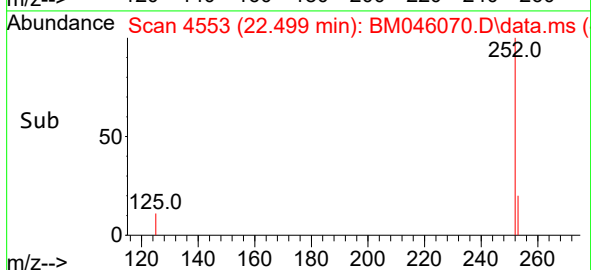
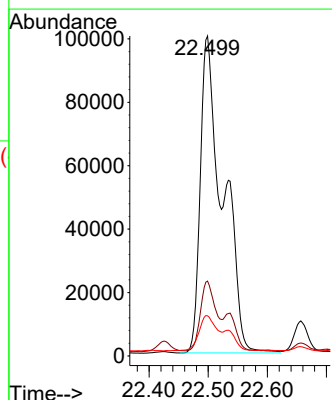
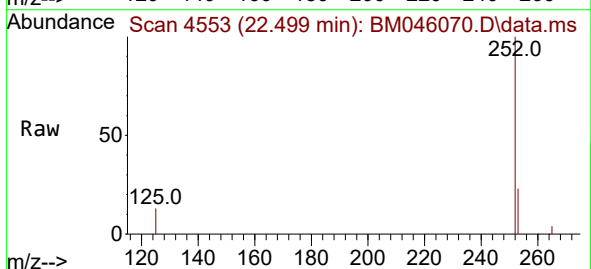
Tgt Ion:252 Resp: 264663

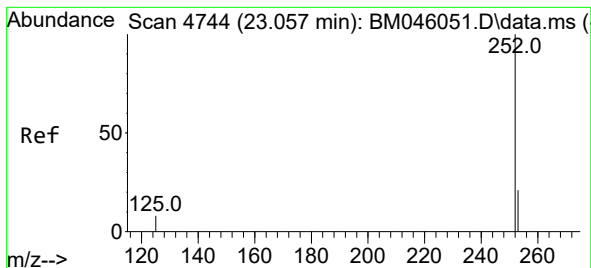
Ion Ratio Lower Upper

252 100

253 23.4 27.2 40.8#

125 12.6 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.295 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM046070.D

Acq: 19 Jun 2024 03:18

Instrument :

BNA_M

ClientSampleId :

A4BN3MSD

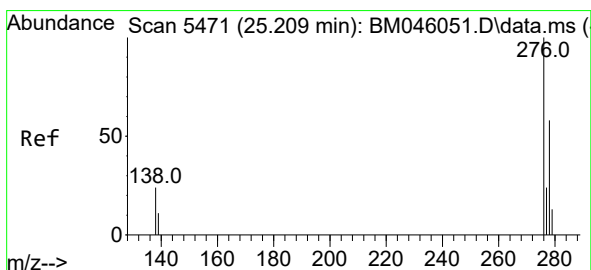
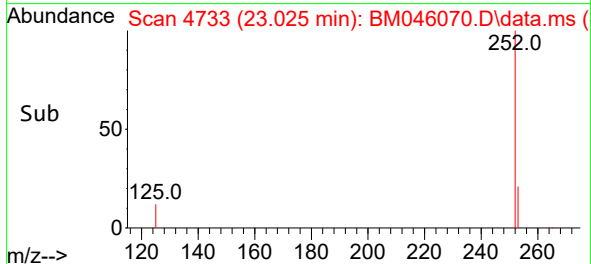
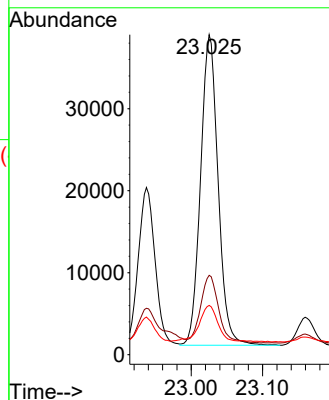
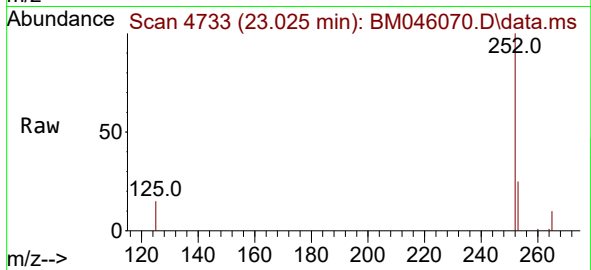
Tgt Ion:252 Resp: 64743

Ion Ratio Lower Upper

252 100

253 24.8 32.1 48.1#

125 15.4 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.934 ng/ul

RT: 25.165 min Scan# 5458

Delta R.T. -0.037 min

Lab File: BM046070.D

Acq: 19 Jun 2024 03:18

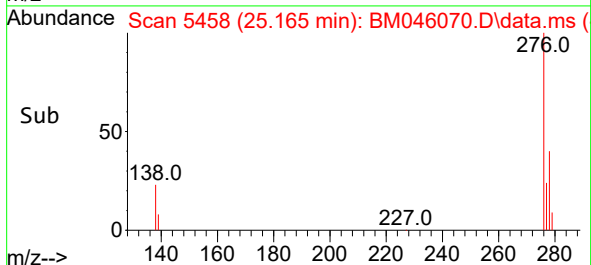
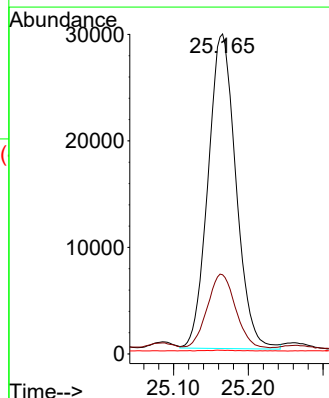
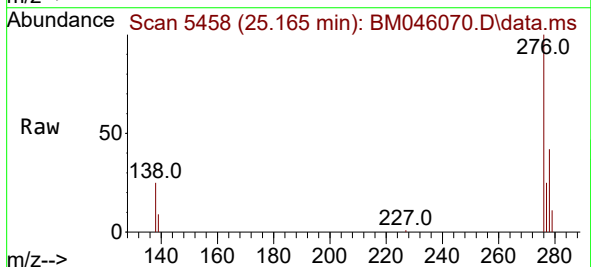
Tgt Ion:276 Resp: 76452

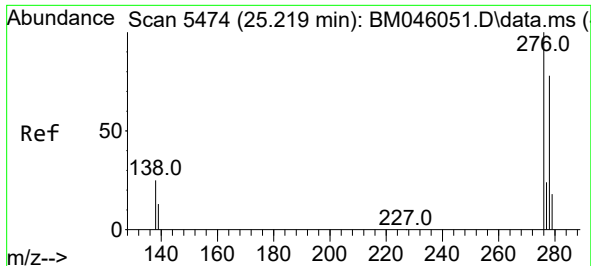
Ion Ratio Lower Upper

276 100

138 23.7 21.0 31.4

227 0.2 0.0 0.0#

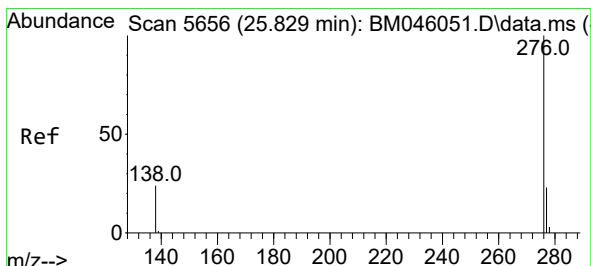
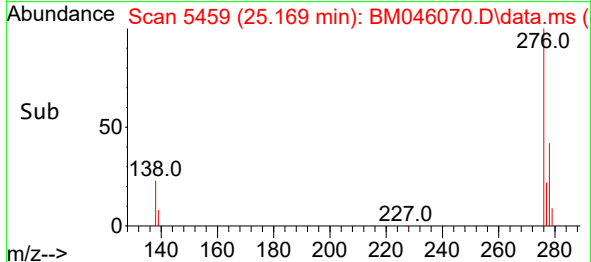
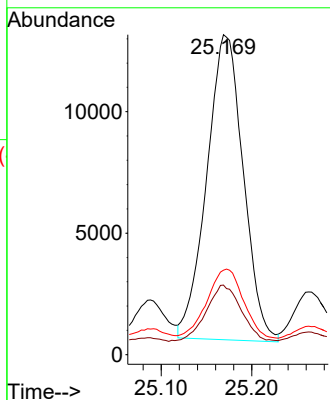
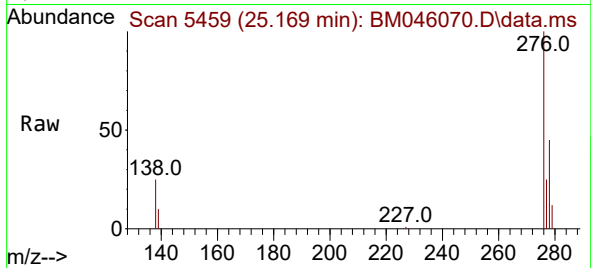




#28
Dibenzo(a,h)anthracene
Concen: 0.576 ng/ul
RT: 25.169 min Scan# 54
Delta R.T. -0.047 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Instrument :
BNA_M
ClientSampleId :
A4BN3MSD

Tgt Ion:278 Resp: 35104
Ion Ratio Lower Upper
278 100
139 21.7 17.6 26.4
279 26.4 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.040 min
Lab File: BM046070.D
Acq: 19 Jun 2024 03:18

Tgt Ion:276 Resp: 11535
Ion Ratio Lower Upper
276 100
138 30.7 21.7 32.5
277 29.9 20.4 30.6

