

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046858.D
 Acq On : 27 Jul 2024 08:35
 Operator : MA/JU
 Sample : PB162152BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS152

Quant Time: Jul 28 23:29:05 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)

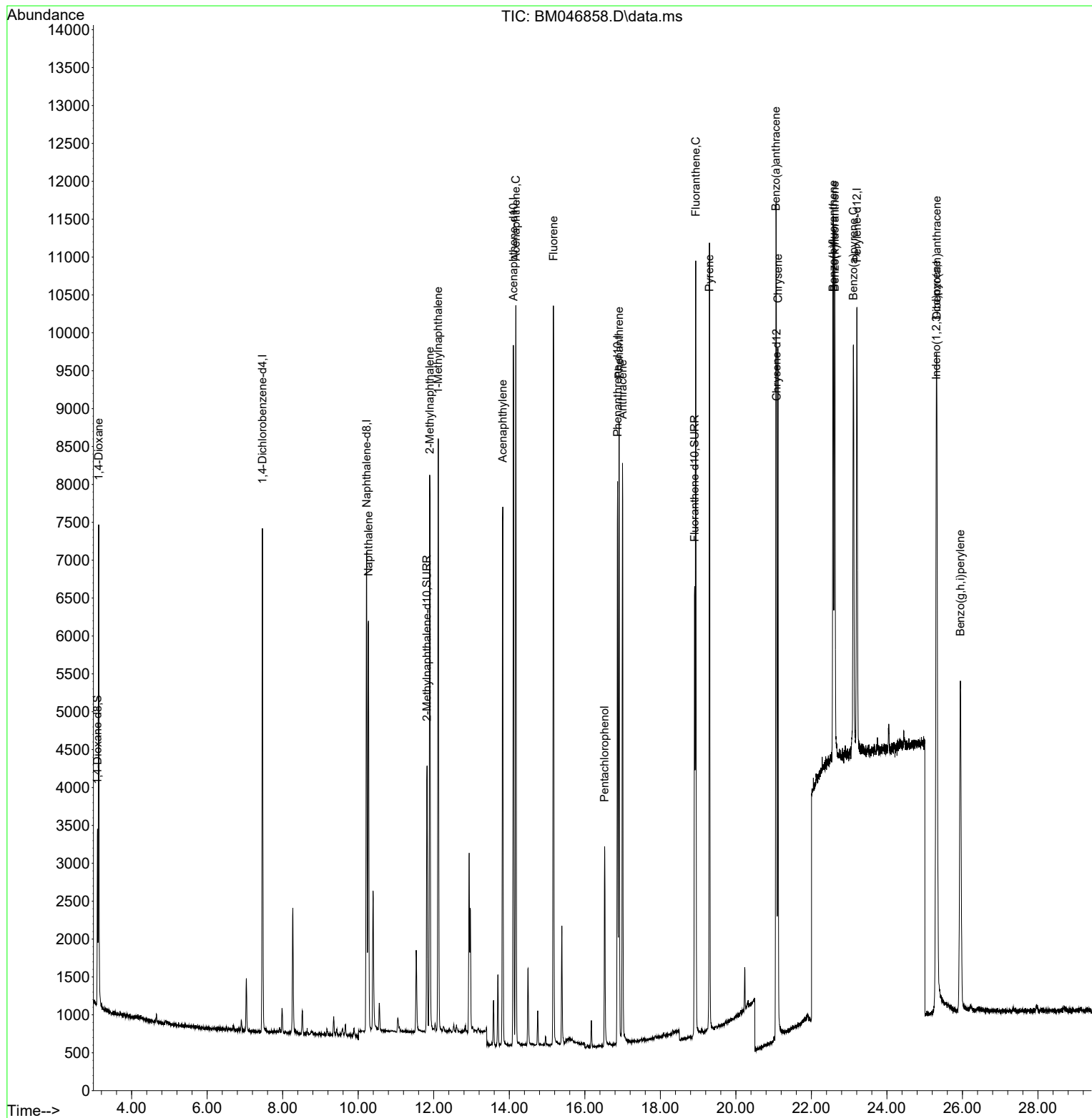
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	3324	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	8707	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	5066	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	9295	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	6018	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	7123	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1363	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	4705	0.340	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	7143	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	3750	1.408	ng/ul#	82
5) Naphthalene	10.271	128	7460	0.339	ng/ul	98
7) 2-Methylnaphthalene	11.899	142	5212	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.119	142	5199	0.332	ng/ul	99
10) Acenaphthylene	13.827	152	7820	0.337	ng/ul	99
11) Acenaphthene	14.174	153	5558	0.353	ng/ul	99
12) Fluorene	15.168	166	6165	0.313	ng/ul	99
14) Pentachlorophenol	16.525	266	1761	0.419	ng/ul	98
15) Phenanthrene	16.905	178	8662	0.324	ng/ul	99
16) Anthracene	16.998	178	8201	0.330	ng/ul	98
19) Fluoranthene	18.937	202	9188	0.348	ng/ul	99
20) Pyrene	19.299	202	9473	0.346	ng/ul	99
21) Benzo(a)anthracene	21.061	228	8120	0.324	ng/ul	98
22) Chrysene	21.114	228	8064	0.317	ng/ul	98
24) Benzo(b)fluoranthene	22.575	252	8757	0.280	ng/ul	96
25) Benzo(k)fluoranthene	22.615	252	9053	0.287	ng/ul	97
26) Benzo(a)pyrene	23.112	252	8084	0.360	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.306	276	11651	0.337	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.319	278	8823	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	25.946	276	9433	0.310	ng/ul	98

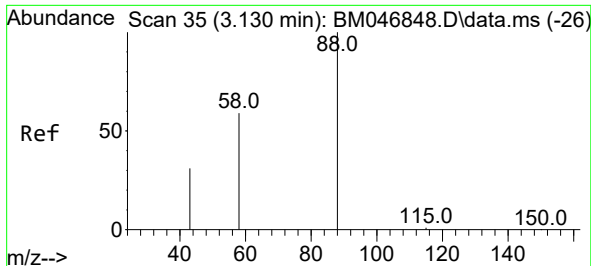
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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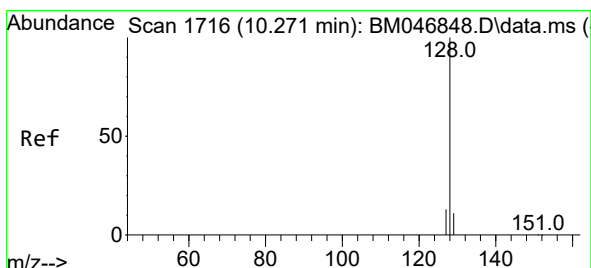
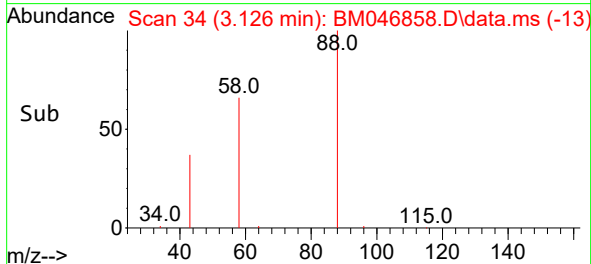
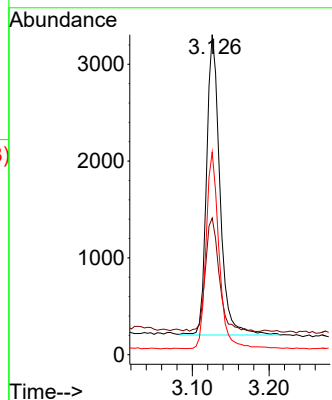
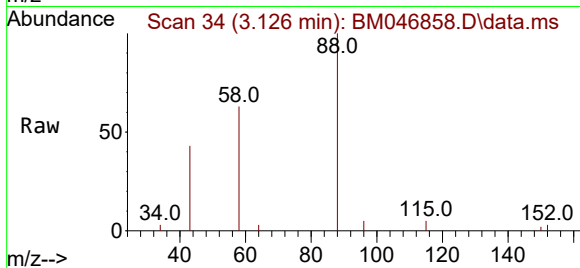




#2
1,4-Dioxane
Concen: 1.408 ng/ul
RT: 3.126 min Scan# 34
Delta R.T. -0.013 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

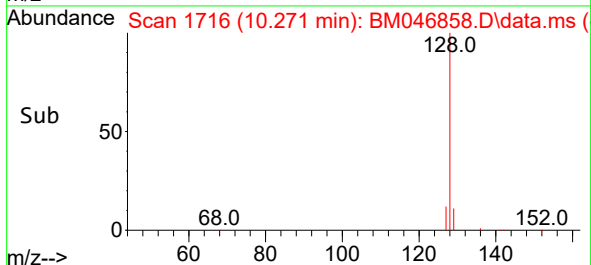
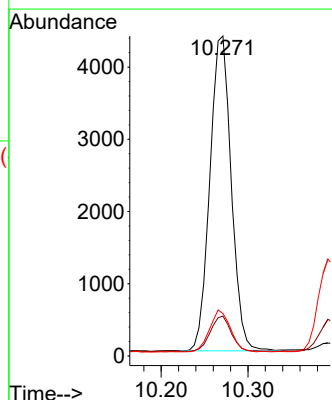
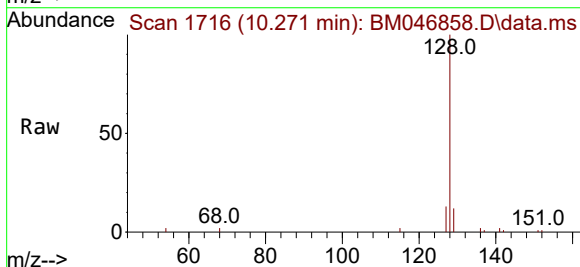
Instrument :
BNA_M
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SLCS152

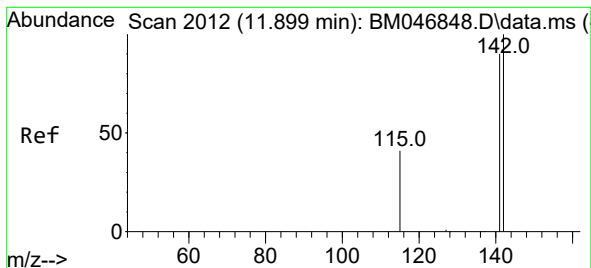
Tgt Ion: 88 Resp: 3750
Ion Ratio Lower Upper
88 100
43 42.7 42.1 63.1
58 63.3 38.3 57.5#



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Tgt Ion: 128 Resp: 7460
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 13.2 11.5 17.3

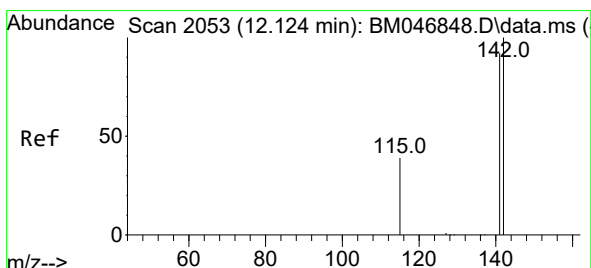
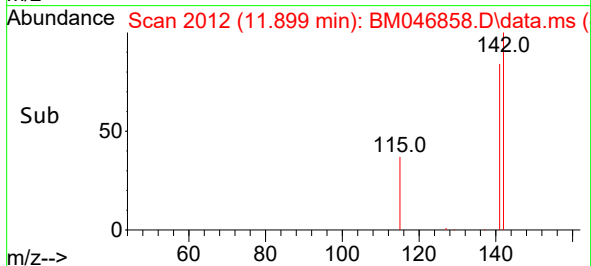
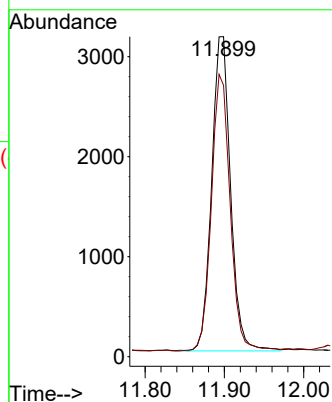
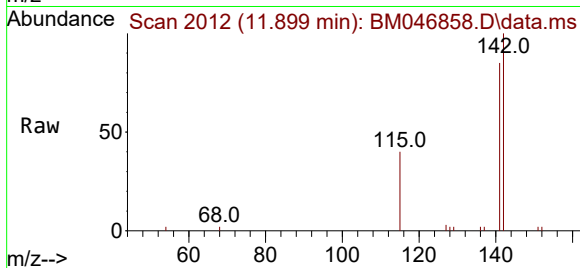




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

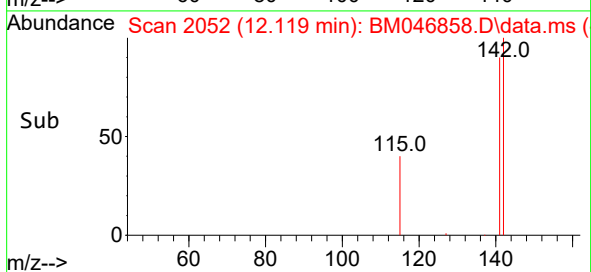
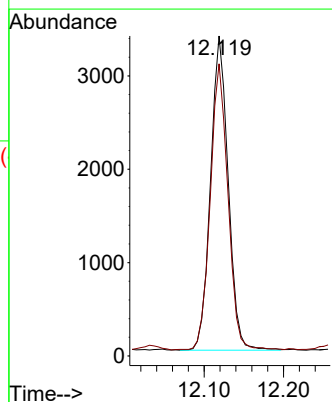
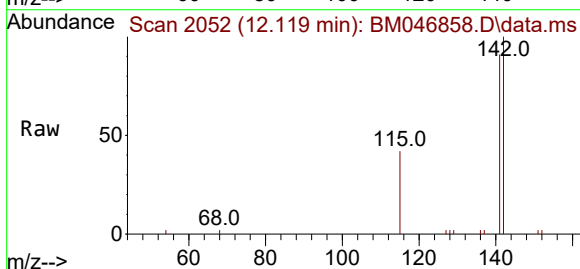
Instrument :
BNA_M
ClientSampleId :
SLCS152

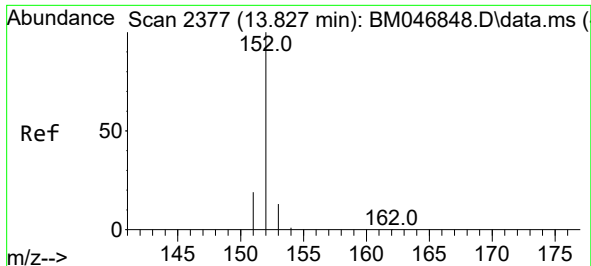
Tgt Ion:142 Resp: 5212
Ion Ratio Lower Upper
142 100
141 87.0 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Tgt Ion:142 Resp: 5199
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7

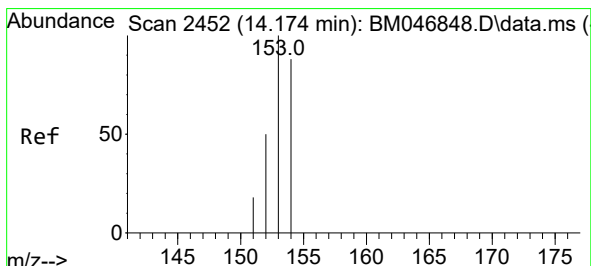
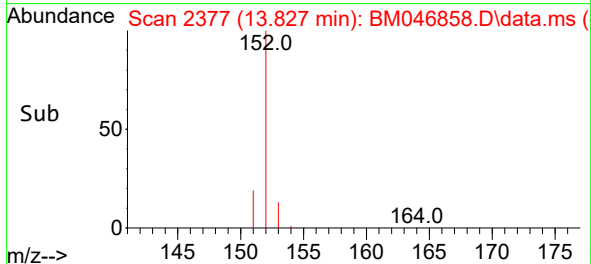
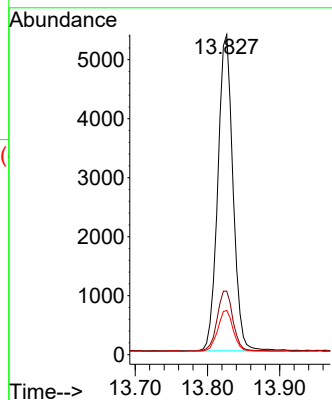
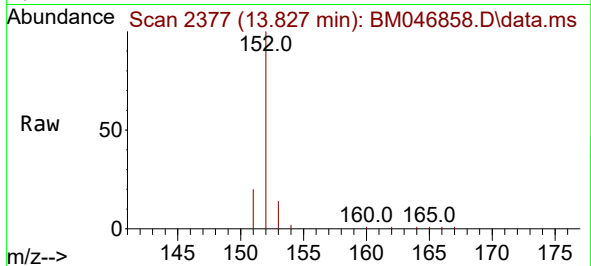




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.827 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

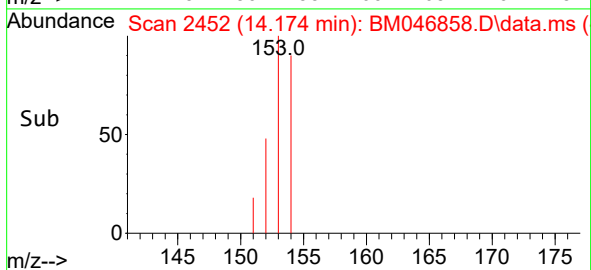
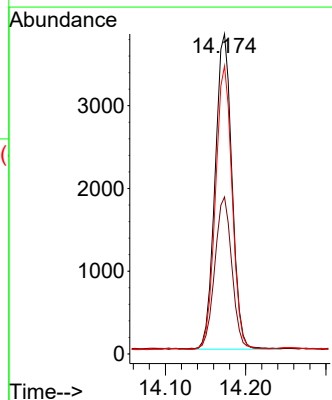
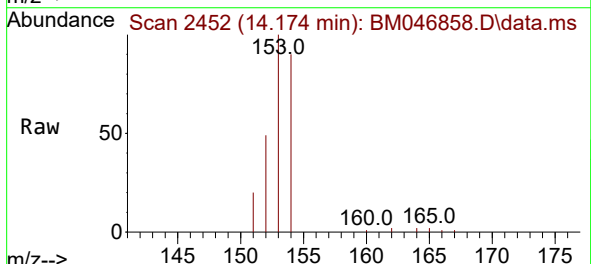
Instrument :
BNA_M
ClientSampleId :
SLCS152

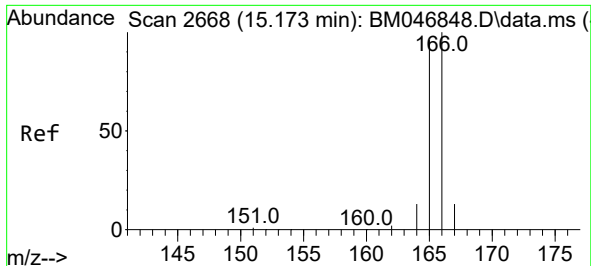
Tgt Ion:	152	Resp:	7820
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.8	11.0	16.6



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Tgt Ion:	153	Resp:	5558
Ion	Ratio	Lower	Upper
153	100		
152	49.1	38.6	57.8
154	90.0	70.8	106.2

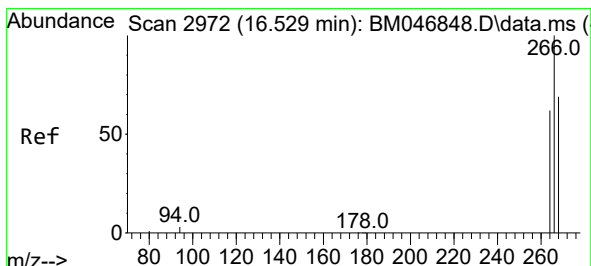
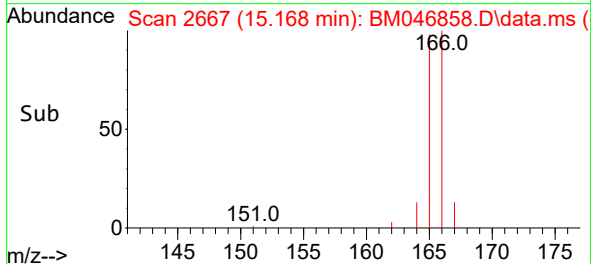
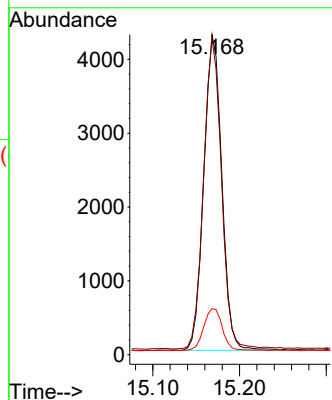
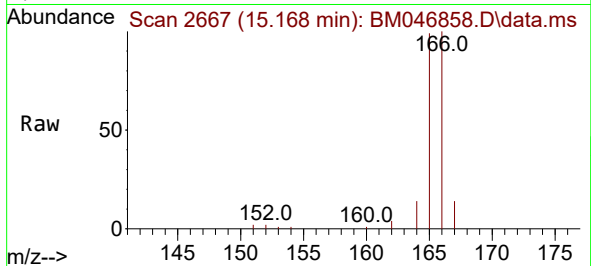




#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

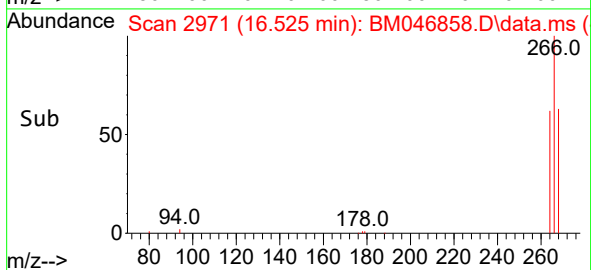
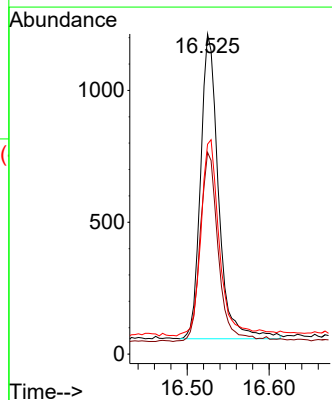
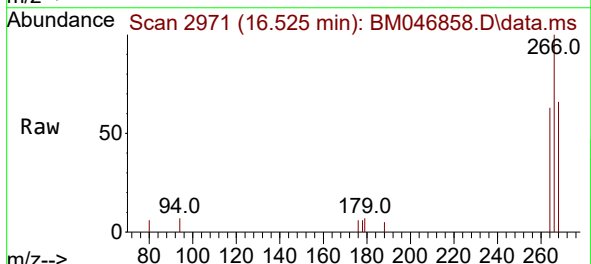
Instrument :
BNA_M
ClientSampleId :
SLCS152

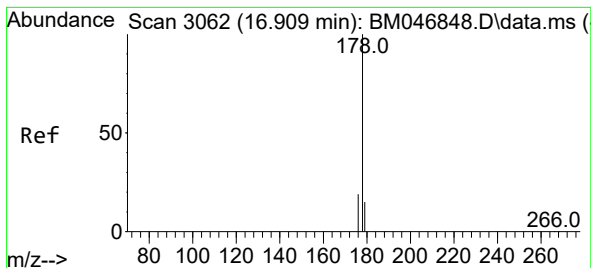
Tgt Ion:166 Resp: 6165
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 14.4 12.3 18.5



#14
Pentachlorophenol
Concen: 0.419 ng/ul
RT: 16.525 min Scan# 2971
Delta R.T. -0.009 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Tgt Ion:266 Resp: 1761
Ion Ratio Lower Upper
266 100
264 62.9 51.1 76.7
268 66.4 51.8 77.6





#15

Phenanthrene

Concen: 0.324 ng/ul

RT: 16.905 min Scan# 3061

Delta R.T. -0.008 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

Instrument :

BNA_M

ClientSampleId :

SLCS152

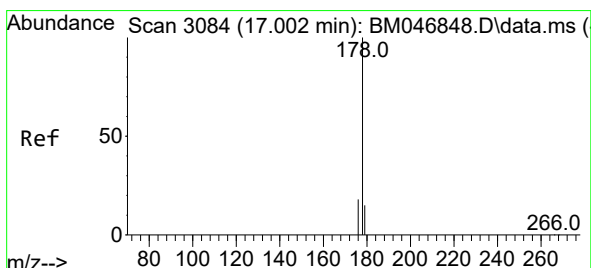
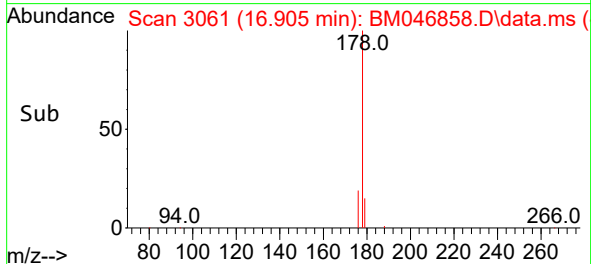
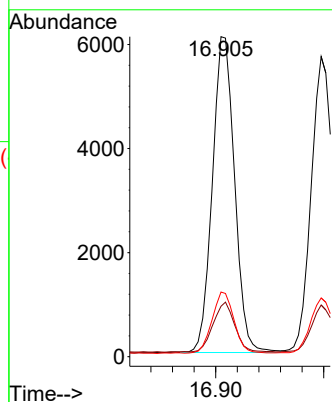
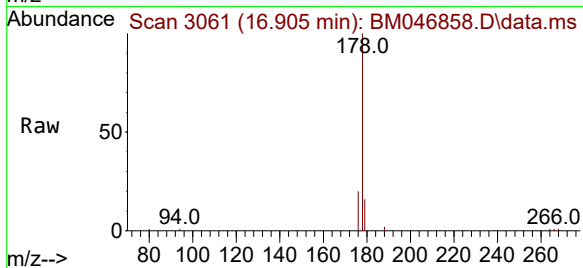
Tgt Ion:178 Resp: 8662

Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.2

176 20.2 16.1 24.1



#16

Anthracene

Concen: 0.330 ng/ul

RT: 16.998 min Scan# 3083

Delta R.T. -0.008 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

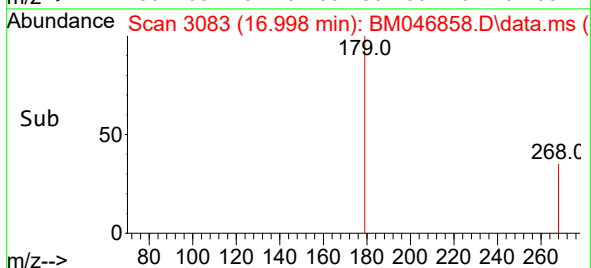
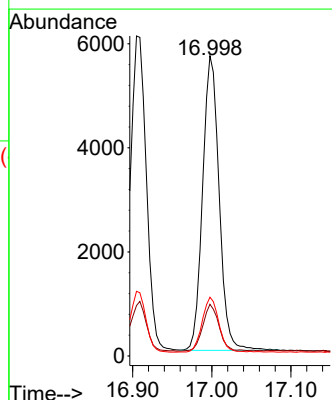
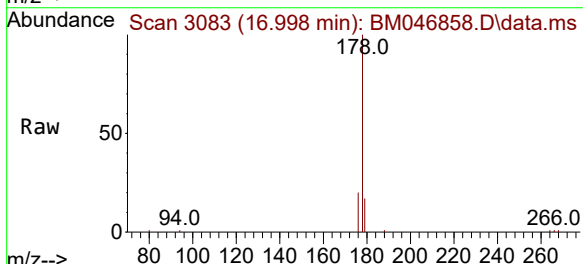
Tgt Ion:178 Resp: 8201

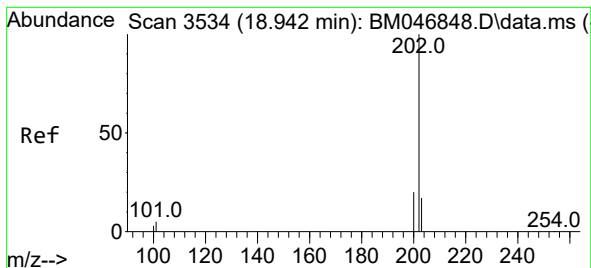
Ion Ratio Lower Upper

178 100

179 17.2 13.1 19.7

176 19.5 15.0 22.6





#19

Fluoranthene

Concen: 0.348 ng/ul

RT: 18.937 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

Instrument :

BNA_M

ClientSampleId :

SLCS152

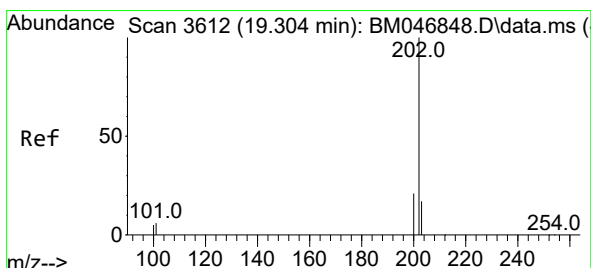
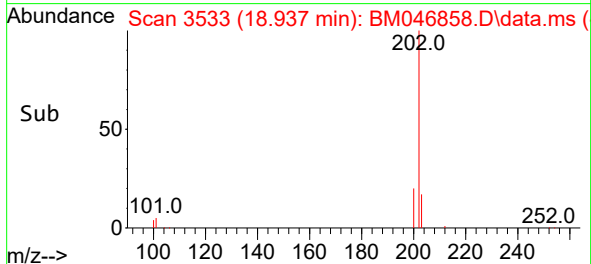
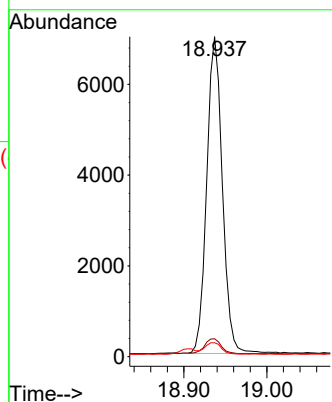
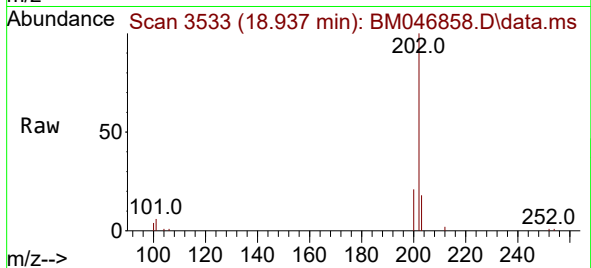
Tgt Ion:202 Resp: 9188

Ion Ratio Lower Upper

202 100

101 5.6 4.7 7.1

100 4.3 3.4 5.2



#20

Pyrene

Concen: 0.346 ng/ul

RT: 19.299 min Scan# 3611

Delta R.T. -0.005 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

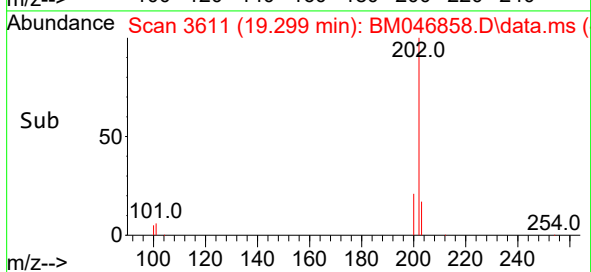
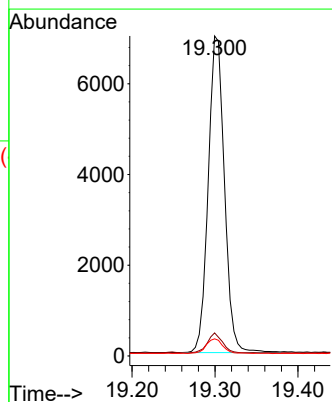
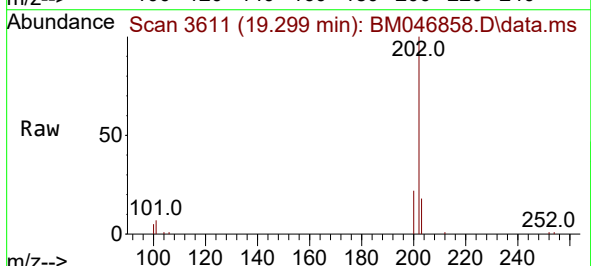
Tgt Ion:202 Resp: 9473

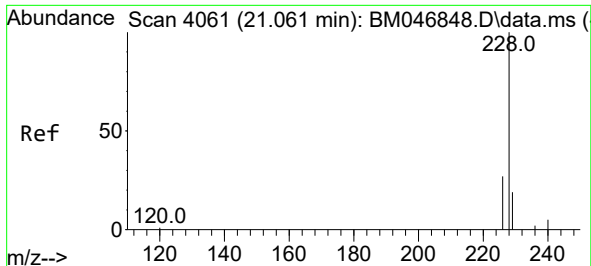
Ion Ratio Lower Upper

202 100

101 7.2 5.2 7.8

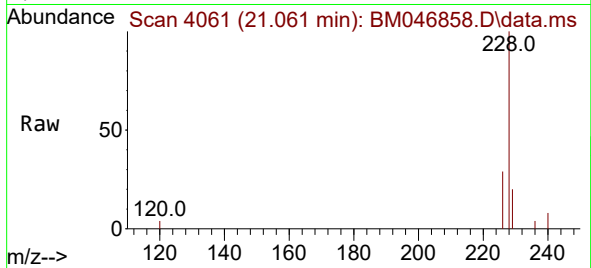
100 5.3 4.3 6.5





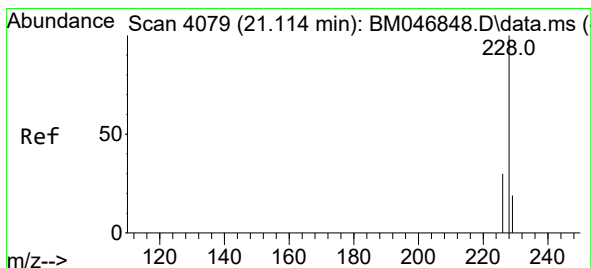
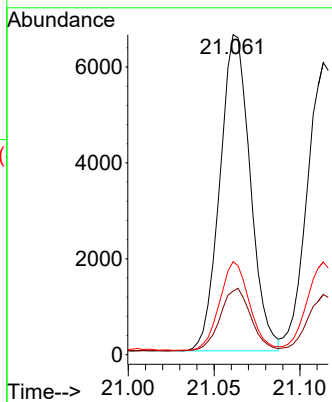
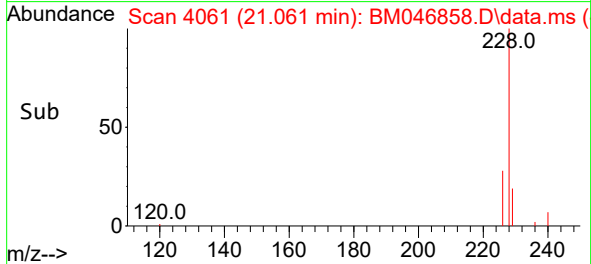
#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Instrument :
BNA_M
ClientSampleId :
SLCS152



Tgt Ion:228 Resp: 8120

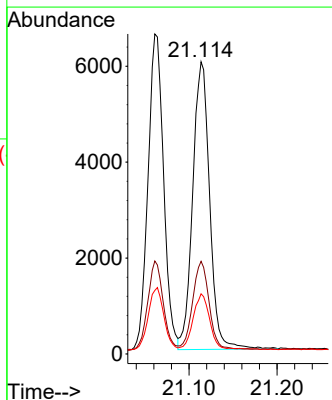
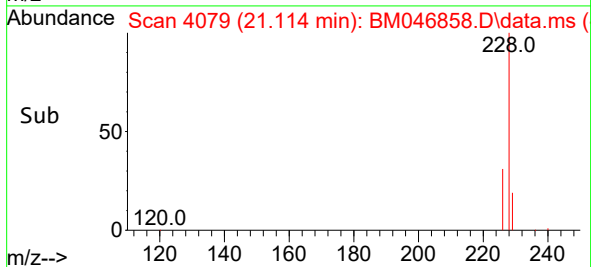
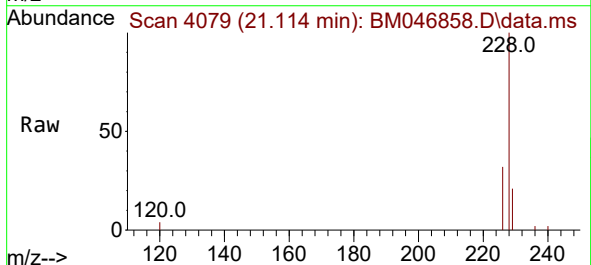
Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.3	24.5
226	29.0	22.3	33.5

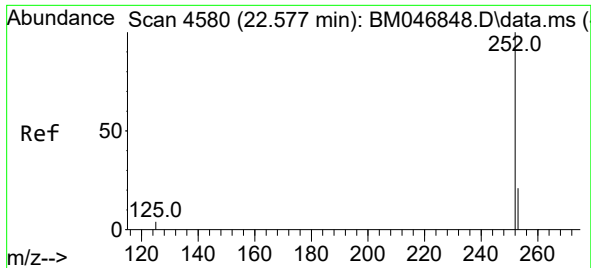


#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Tgt Ion:228 Resp: 8064

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	20.6	16.2	24.2

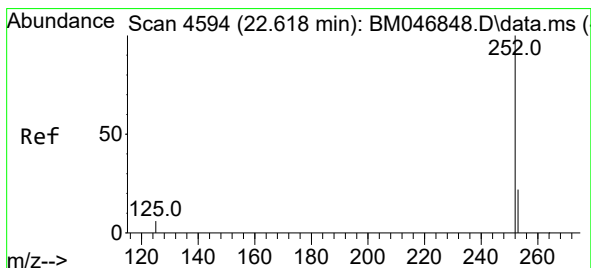
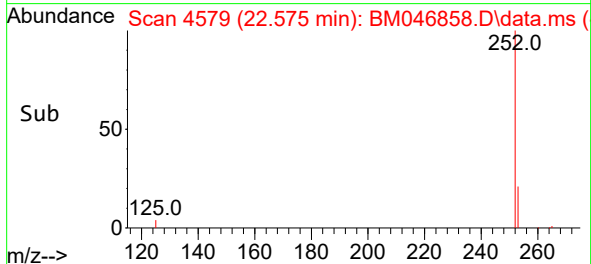
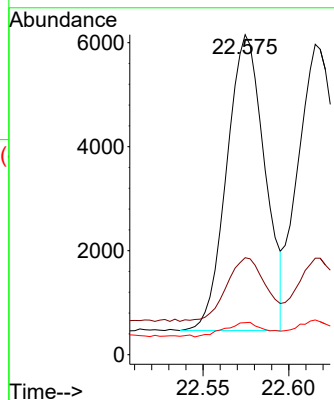
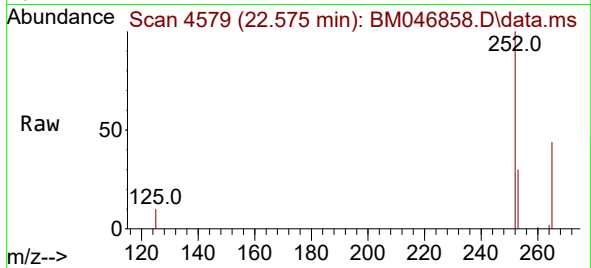




#24
Benzo(b)fluoranthene
Concen: 0.280 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

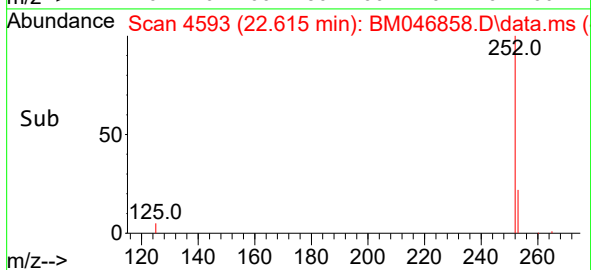
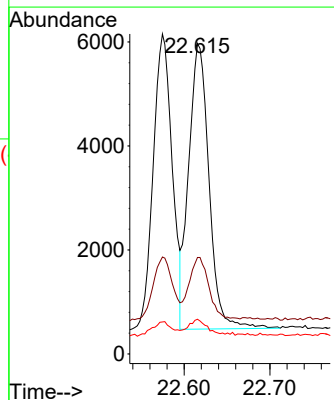
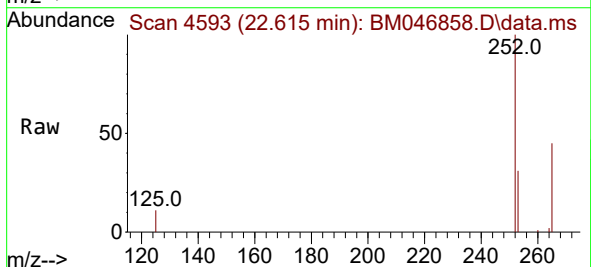
Instrument :
BNA_M
ClientSampleId :
SLCS152

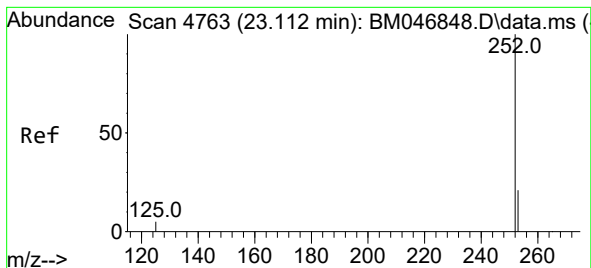
Tgt Ion:252 Resp: 8757
Ion Ratio Lower Upper
252 100
253 30.3 0.0 56.4
125 10.0 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046858.D
Acq: 27 Jul 2024 08:35

Tgt Ion:252 Resp: 9053
Ion Ratio Lower Upper
252 100
253 31.1 23.5 35.3
125 11.2 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.112 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

Instrument :

BNA_M

ClientSampleId :

SLCS152

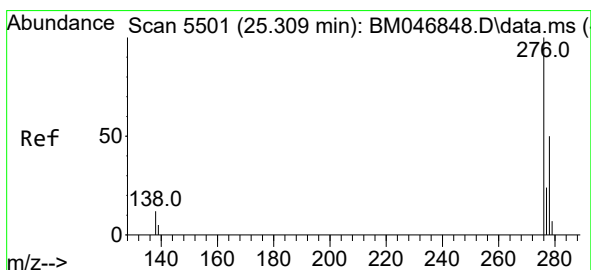
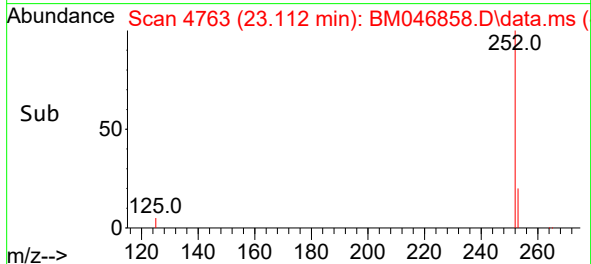
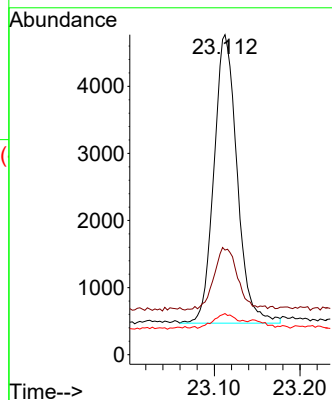
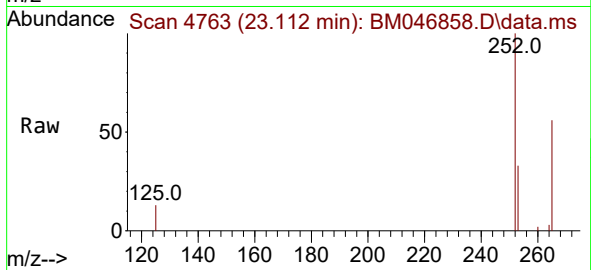
Tgt Ion:252 Resp: 8084

Ion Ratio Lower Upper

252 100

253 32.7 26.0 39.0

125 12.9 7.8 11.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.337 ng/ul

RT: 25.306 min Scan# 5500

Delta R.T. -0.010 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

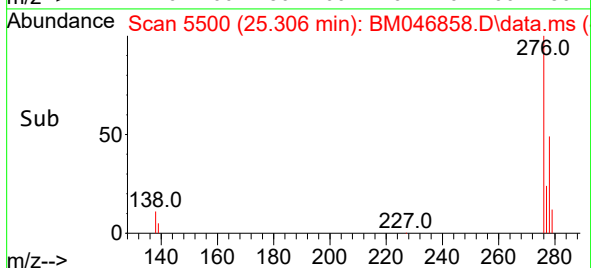
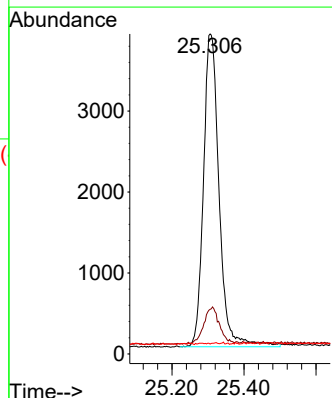
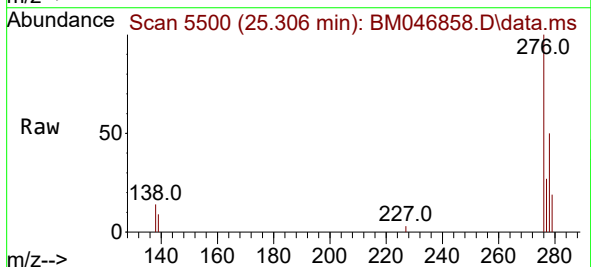
Tgt Ion:276 Resp: 11651

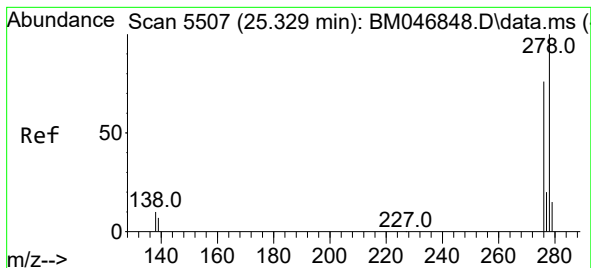
Ion Ratio Lower Upper

276 100

138 11.0 9.7 14.5

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.349 ng/ul

RT: 25.319 min Scan# 51

Delta R.T. -0.013 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

Instrument :

BNA_M

ClientSampleId :

SLCS152

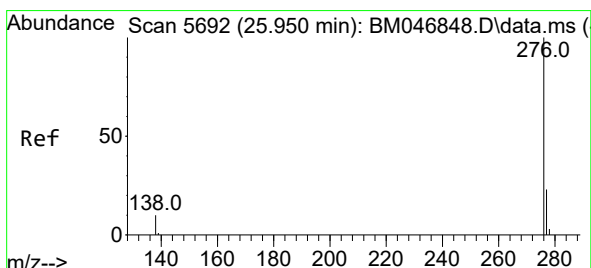
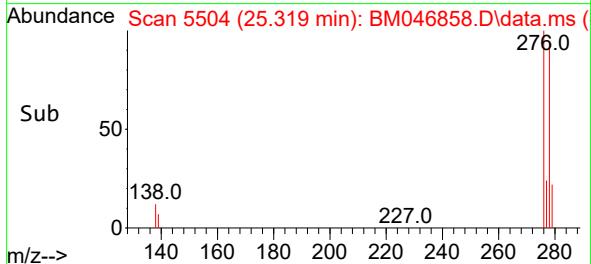
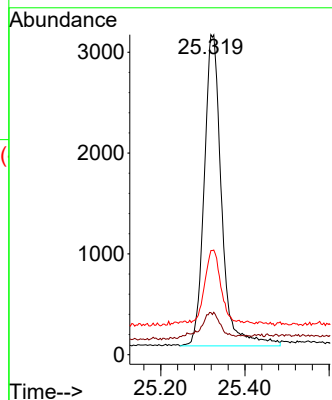
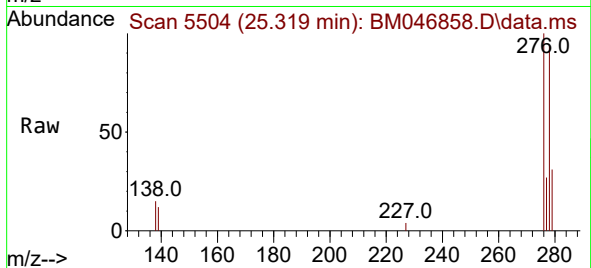
Tgt Ion:278 Resp: 8823

Ion Ratio Lower Upper

278 100

139 13.1 9.8 14.8

279 32.5 25.2 37.8



#29

Benzo(g,h,i)perylene

Concen: 0.310 ng/ul

RT: 25.946 min Scan# 5691

Delta R.T. -0.007 min

Lab File: BM046858.D

Acq: 27 Jul 2024 08:35

Tgt Ion:276 Resp: 9433

Ion Ratio Lower Upper

276 100

138 13.6 9.5 14.3

277 26.7 20.9 31.3

