

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046741.D
 Acq On : 20 Jul 2024 00:10
 Operator : MA/JU
 Sample : PB162067BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS067

Quant Time: Jul 20 00:54:03 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 19 11:38:04 2024
 Response via : Initial Calibration

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

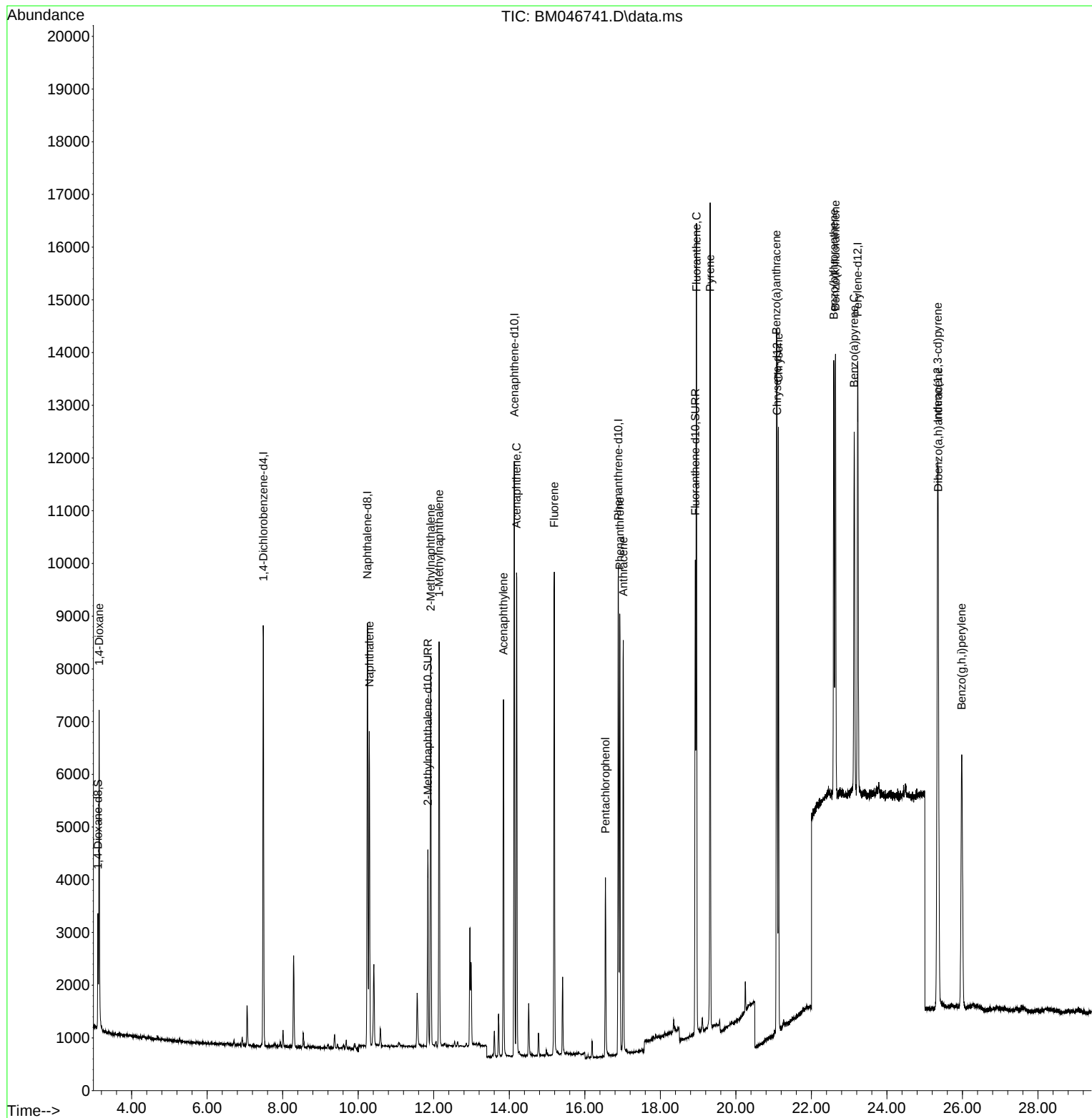
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	3984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10784	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.132	164	6161	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.888	188	11440	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	8480	0.400	ng/ul	0.00
23) Perylene-d12	23.226	264	10164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1350	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	4819	0.277	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	10618	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.138	88	3650	1.045	ng/ul#	71
5) Naphthalene	10.293	128	7826	0.285	ng/ul	97
7) 2-Methylnaphthalene	11.921	142	5257	0.273	ng/ul	100
8) 1-Methylnaphthalene	12.141	142	5229	0.266	ng/ul	97
10) Acenaphthylene	13.845	152	7602	0.271	ng/ul	98
11) Acenaphthene	14.192	153	5332	0.284	ng/ul	98
12) Fluorene	15.191	166	5905	0.254	ng/ul	96
14) Pentachlorophenol	16.546	266	2208	0.381	ng/ul	98
15) Phenanthrene	16.926	178	8543	0.262	ng/ul	99
16) Anthracene	17.019	178	8193	0.257	ng/ul	100
19) Fluoranthene	18.955	202	13613	0.391	ng/ul#	96
20) Pyrene	19.318	202	13210	0.350	ng/ul#	94
21) Benzo(a)anthracene	21.076	228	9620	0.256	ng/ul	98
22) Chrysene	21.128	228	9274	0.255	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	10400	0.256	ng/ul	92
25) Benzo(k)fluoranthene	22.636	252	10147	0.255	ng/ul#	92
26) Benzo(a)pyrene	23.133	252	9556	0.286	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.343	276	13170	0.259	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.359	278	10204	0.253	ng/ul#	96
29) Benzo(g,h,i)perylene	25.980	276	9929	0.245	ng/ul#	94

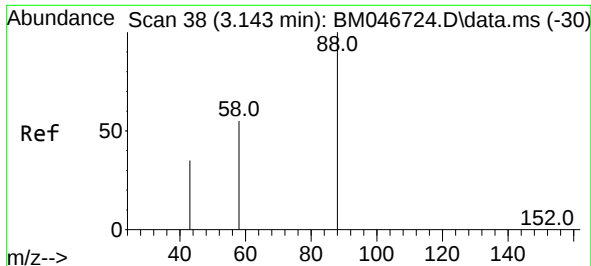
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046741.D
Acq On : 20 Jul 2024 00:10
Operator : MA/JU
Sample : PB162067BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS067

Quant Time: Jul 20 00:54:03 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 19 11:38:04 2024
Response via : Initial Calibration

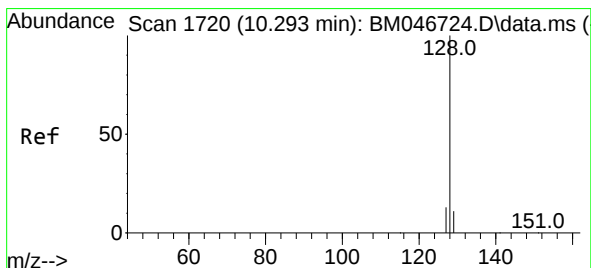
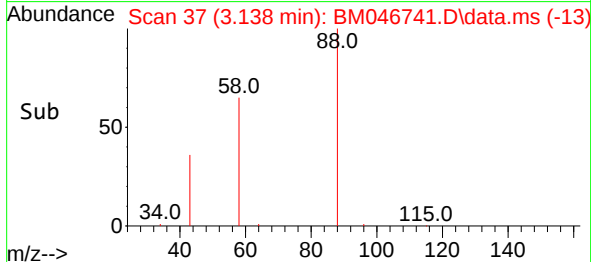
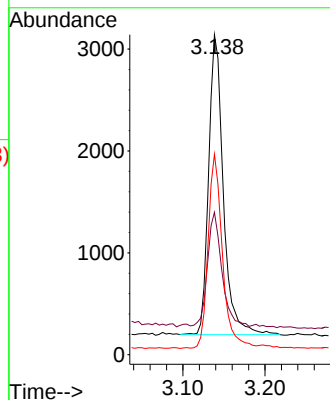
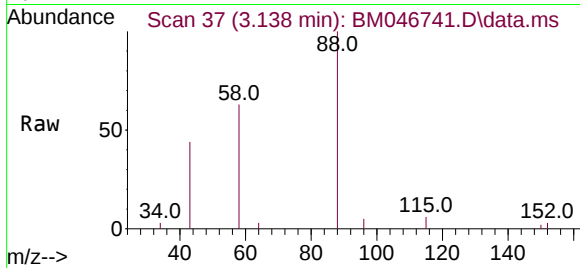




#2
1,4-Dioxane
Concen: 1.045 ng/ul
RT: 3.138 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

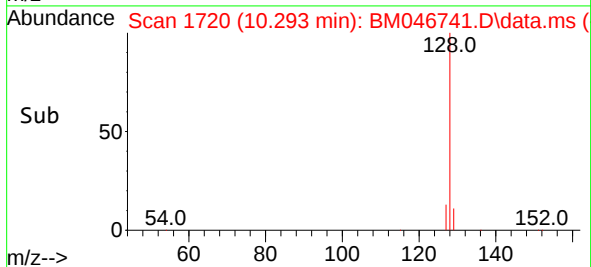
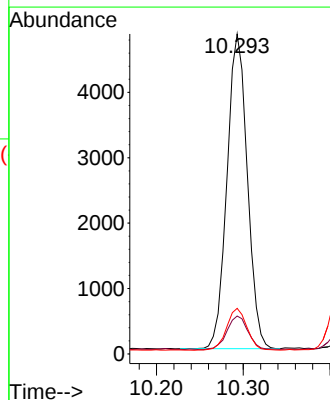
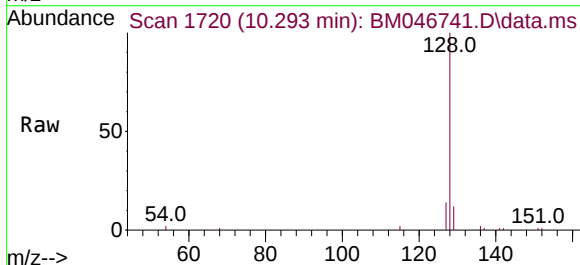
Instrument :
BNA_M
ClientSampleId :
SLCS067

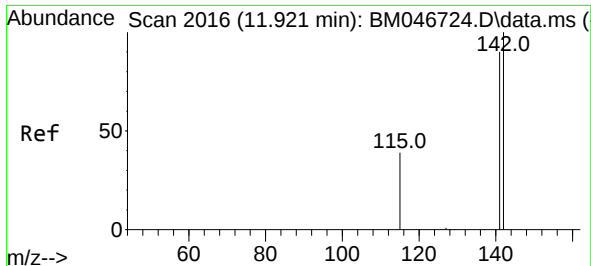
Tgt Ion: 88 Resp: 3650
Ion Ratio Lower Upper
88 100
43 44.5 70.2 105.4#
58 62.7 48.2 72.4



#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.293 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion: 128 Resp: 7826
Ion Ratio Lower Upper
128 100
129 11.9 10.3 15.5
127 14.2 12.2 18.4

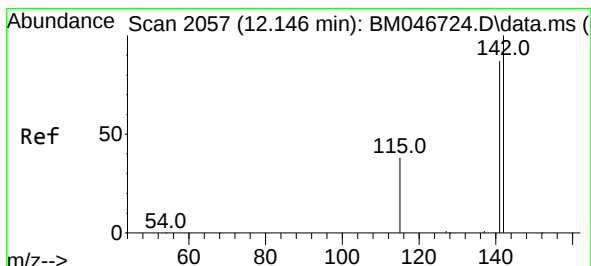
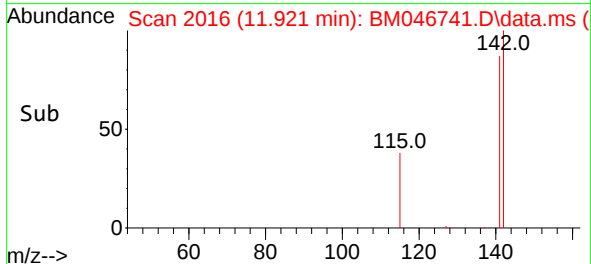
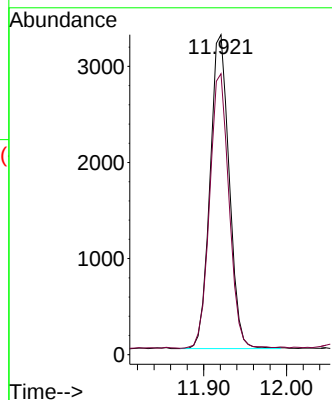
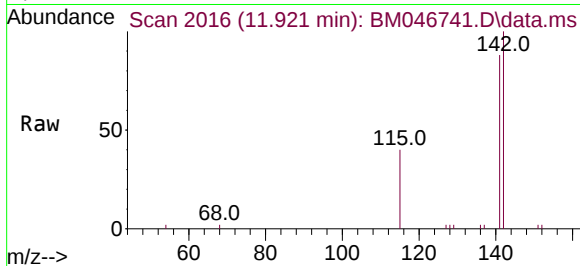




#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

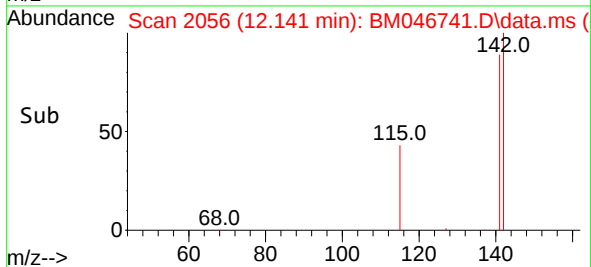
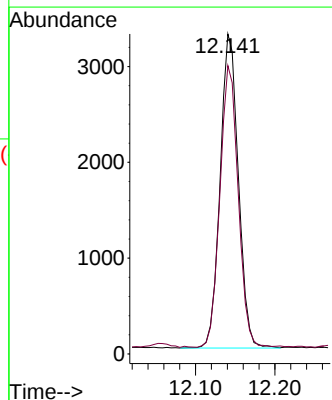
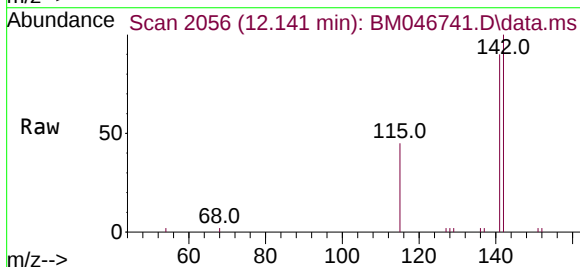
Instrument :
BNA_M
ClientSampleId :
SLCS067

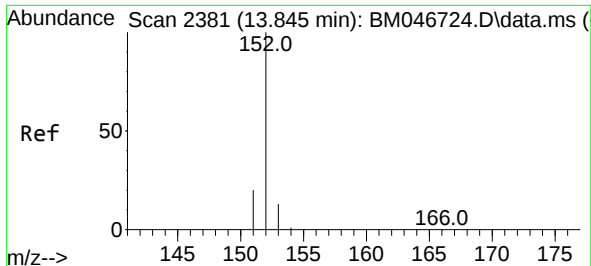
Tgt Ion:142 Resp: 5257
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:142 Resp: 5229
Ion Ratio Lower Upper
142 100
141 89.8 73.9 110.9

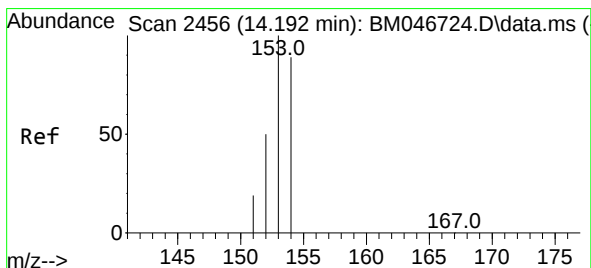
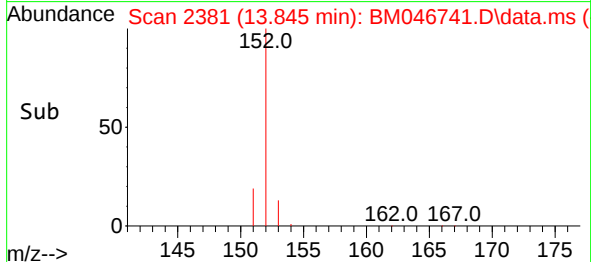
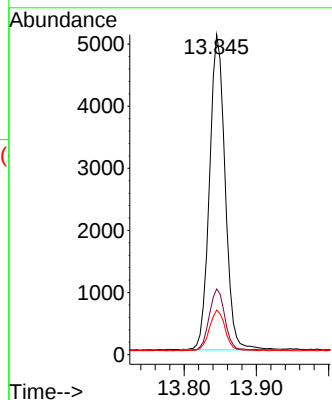
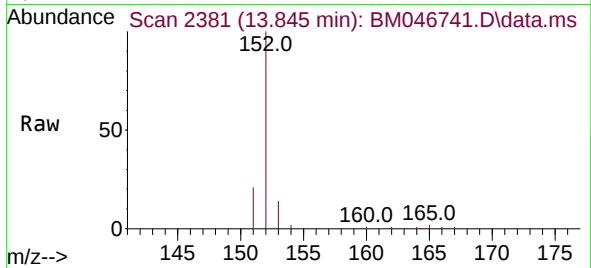




#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 13.845 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

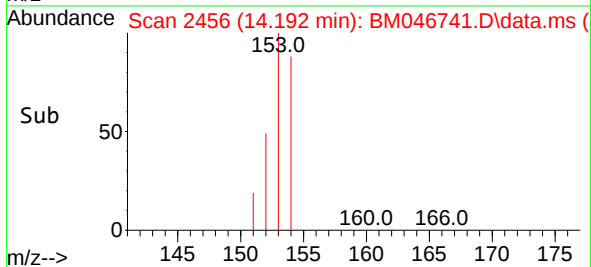
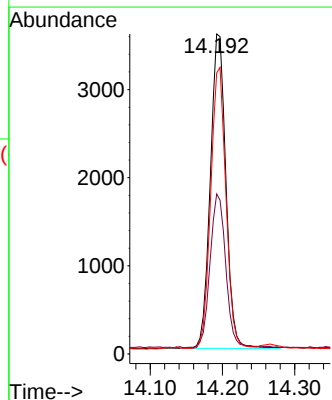
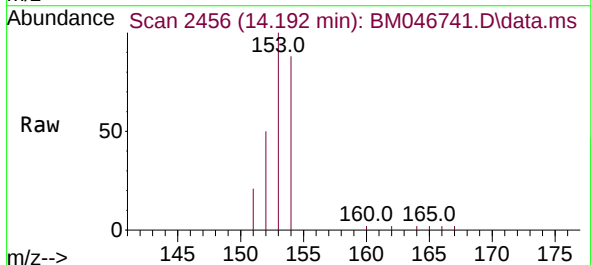
Instrument :
BNA_M
ClientSampleId :
SLCS067

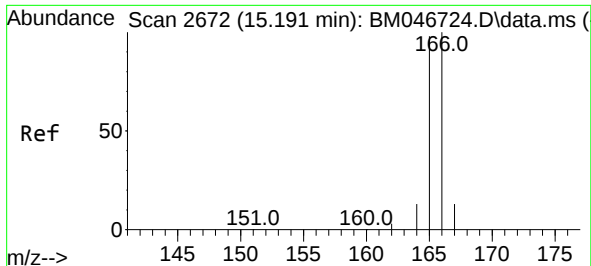
Tgt Ion:152	Resp:	7602
Ion Ratio	Lower	Upper
152	100	
151	20.5	16.4 24.6
153	14.0	12.4 18.6



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:153	Resp:	5332
Ion Ratio	Lower	Upper
153	100	
152	50.0	43.0 64.6
154	87.8	69.9 104.9

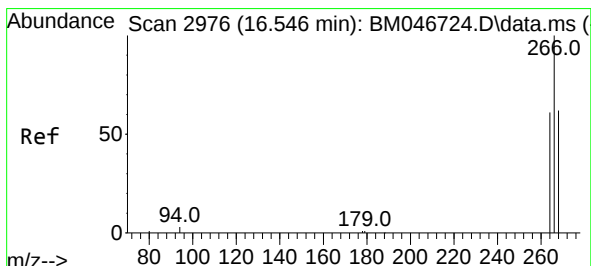
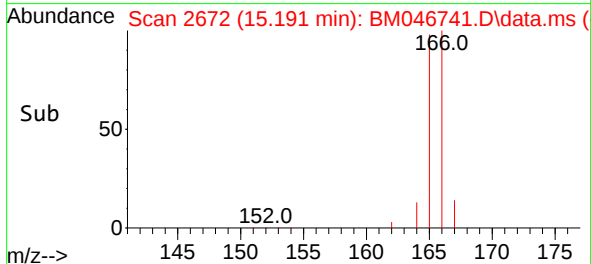
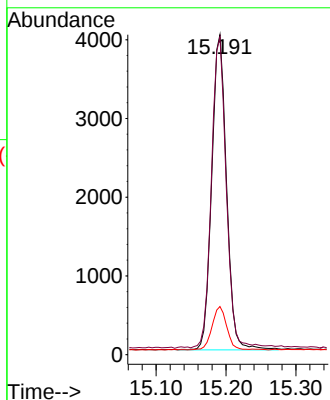
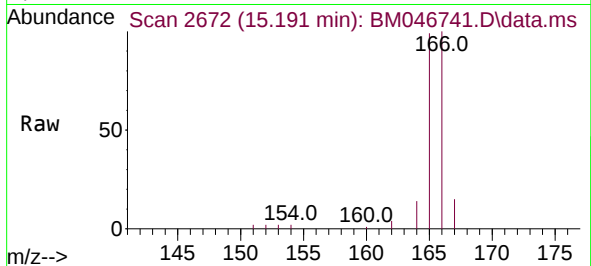




#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

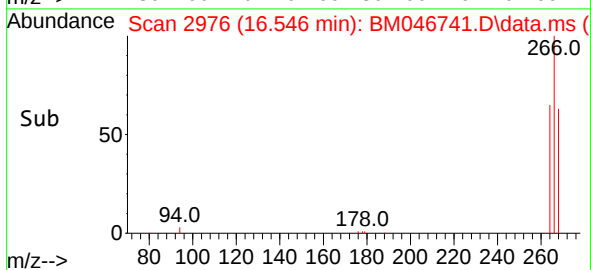
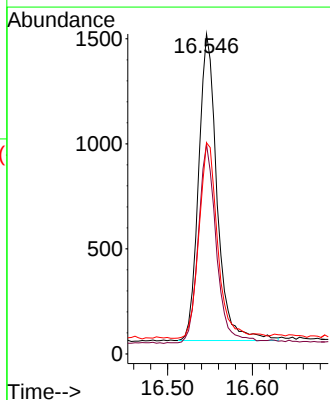
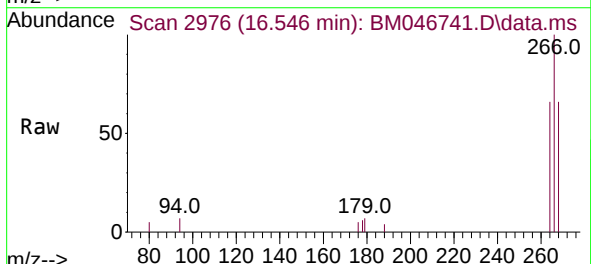
Instrument :
BNA_M
ClientSampleId :
SLCS067

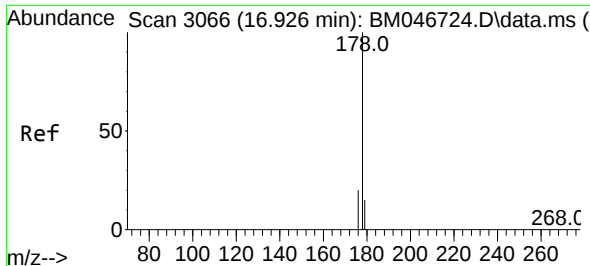
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.1	114.1
167	15.0	12.5	18.7



#14
Pentachlorophenol
Concen: 0.381 ng/ul
RT: 16.546 min Scan# 2976
Delta R.T. 0.001 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.6	50.1	75.1
268	65.2	52.5	78.7

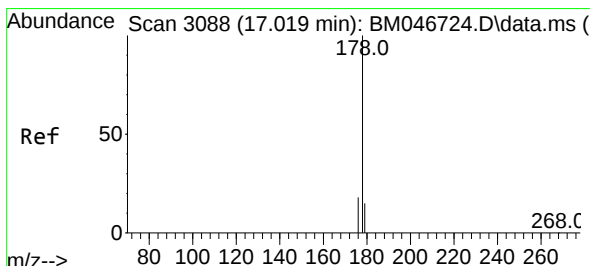
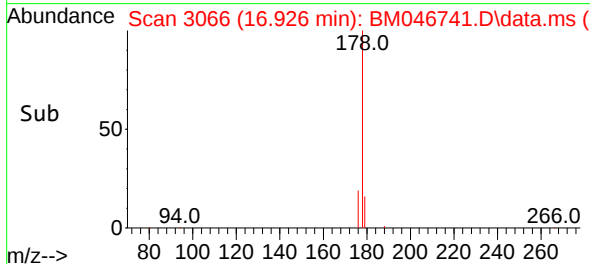
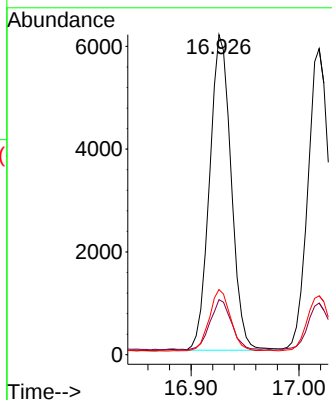
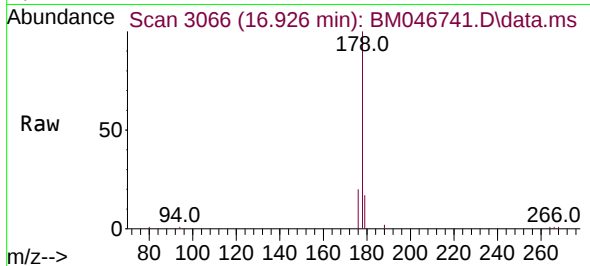




#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

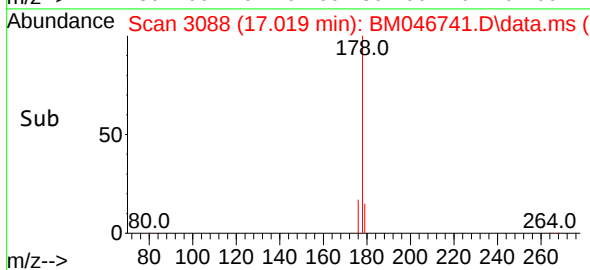
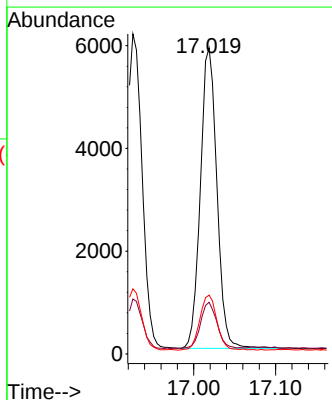
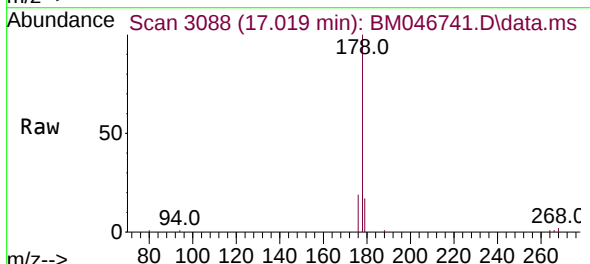
Instrument :
BNA_M
ClientSampleId :
SLCS067

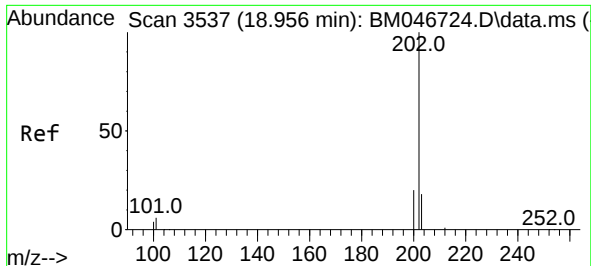
Tgt Ion:178 Resp: 8543
Ion Ratio Lower Upper
178 100
179 17.2 13.1 19.7
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.257 ng/ul
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:178 Resp: 8193
Ion Ratio Lower Upper
178 100
179 16.9 13.5 20.3
176 19.2 15.7 23.5

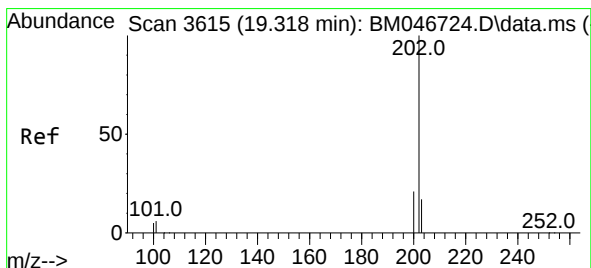
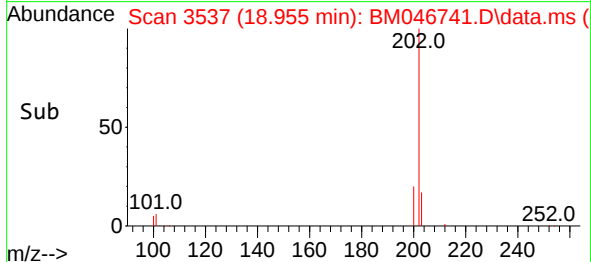
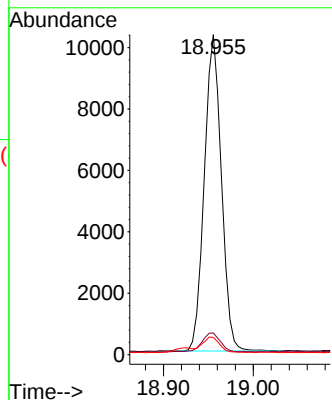
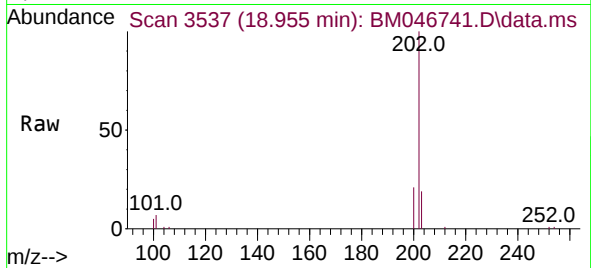




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 18.955 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

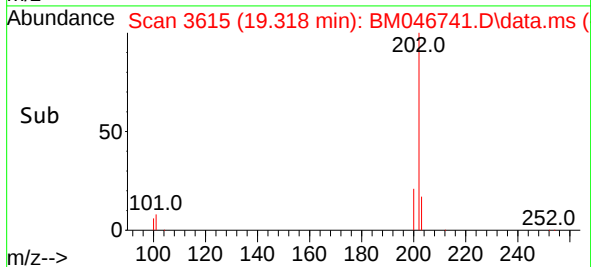
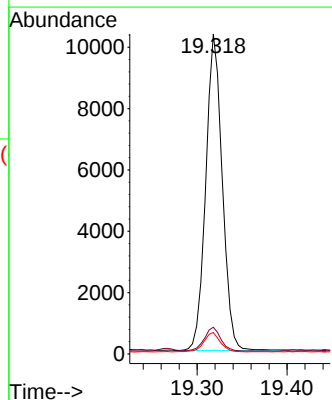
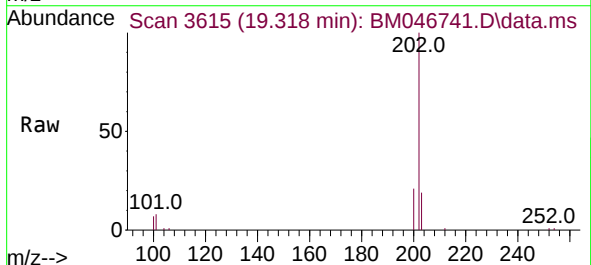
Instrument :
BNA_M
ClientSampleId :
SLCS067

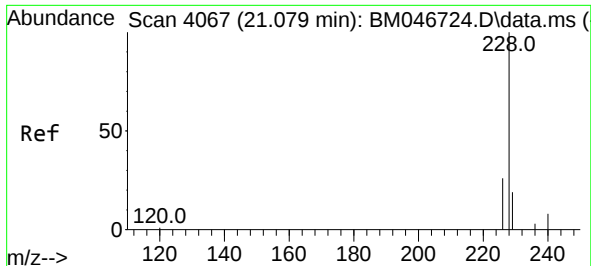
Tgt Ion:202 Resp: 13613
Ion Ratio Lower Upper
202 100
101 6.8 4.6 6.8
100 5.4 3.0 4.6#



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.318 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:202 Resp: 13210
Ion Ratio Lower Upper
202 100
101 8.3 5.1 7.7#
100 6.7 3.8 5.6#

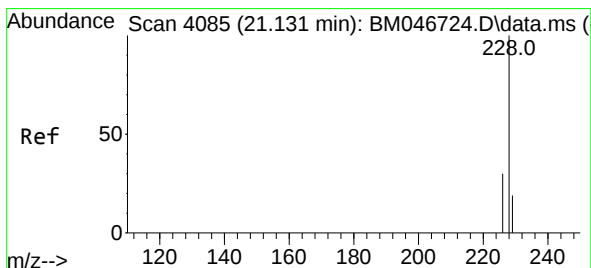
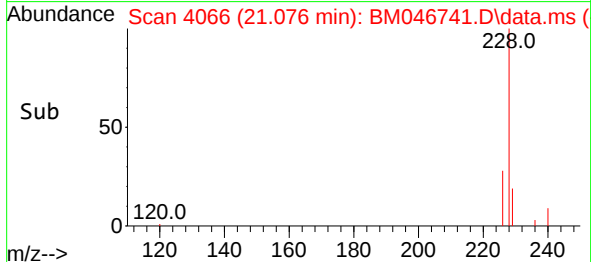
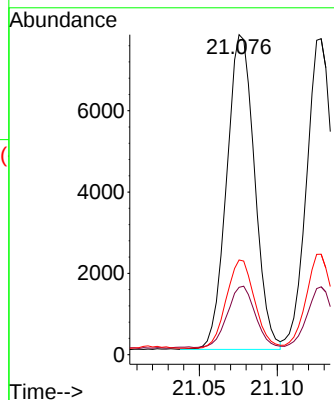
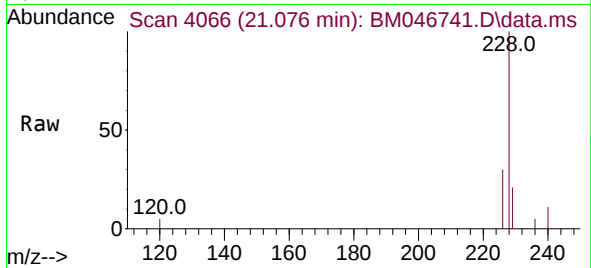




#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

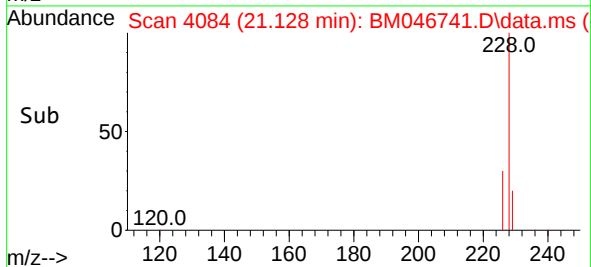
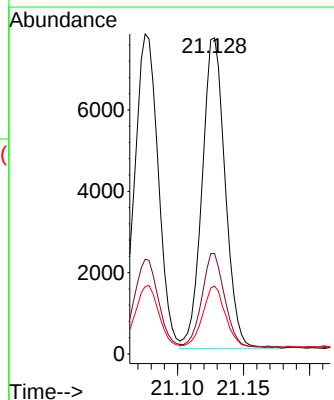
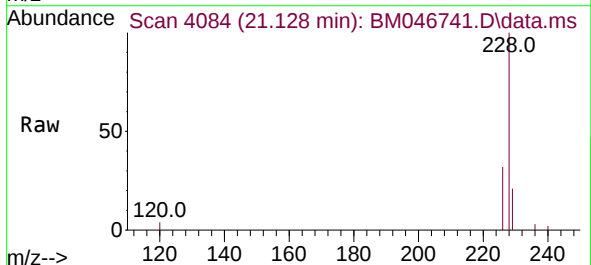
Instrument :
BNA_M
ClientSampleId :
SLCS067

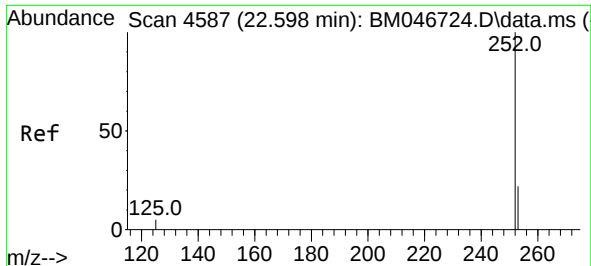
Tgt Ion:228 Resp: 9620
Ion Ratio Lower Upper
228 100
229 21.1 16.5 24.7
226 29.6 22.5 33.7



#22
Chrysene
Concen: 0.255 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:228 Resp: 9274
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 21.5 16.4 24.6

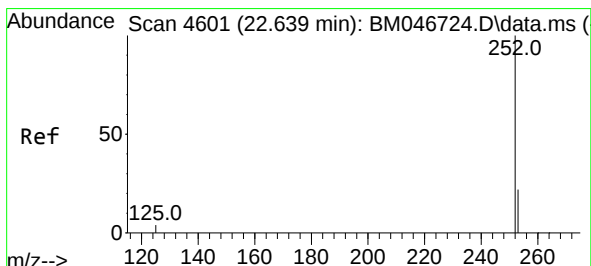
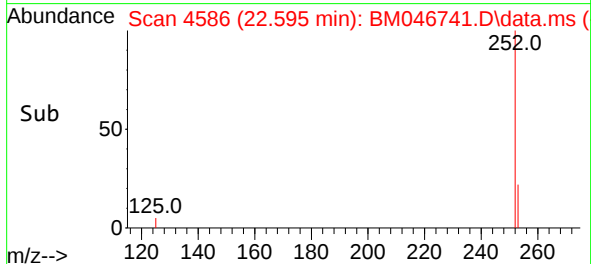
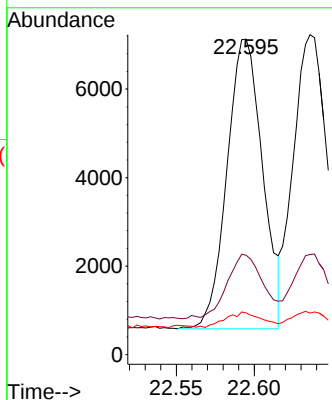
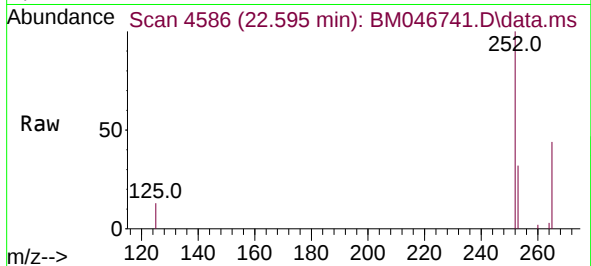




#24
Benzo(b)fluoranthene
Concen: 0.256 ng/ul
RT: 22.595 min Scan# 4586
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

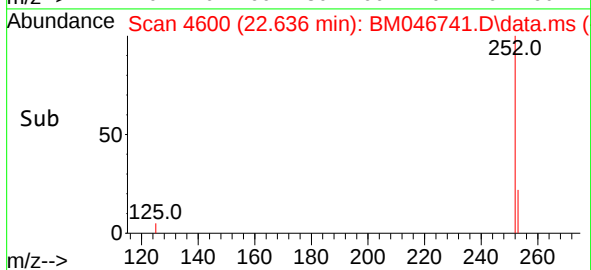
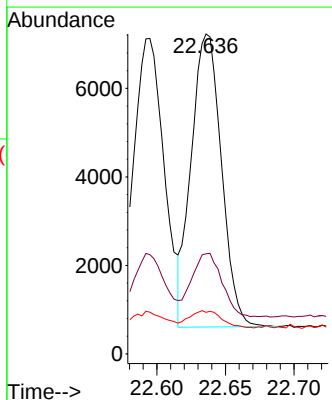
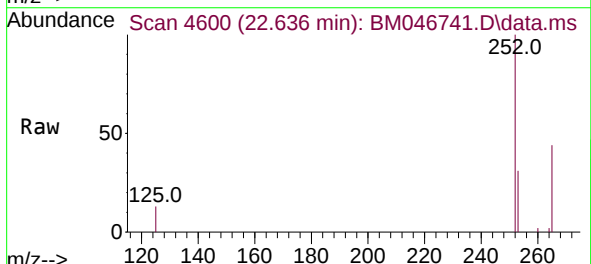
Instrument :
BNA_M
ClientSampleId :
SLCS067

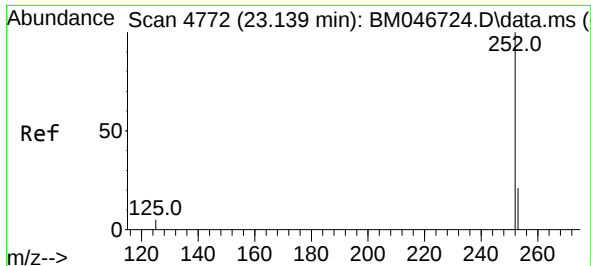
Tgt Ion:252 Resp: 10400
Ion Ratio Lower Upper
252 100
253 31.5 0.0 56.2
125 13.3 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.255 ng/ul
RT: 22.636 min Scan# 4600
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:252 Resp: 10147
Ion Ratio Lower Upper
252 100
253 31.3 22.4 33.6
125 13.0 7.0 10.4#

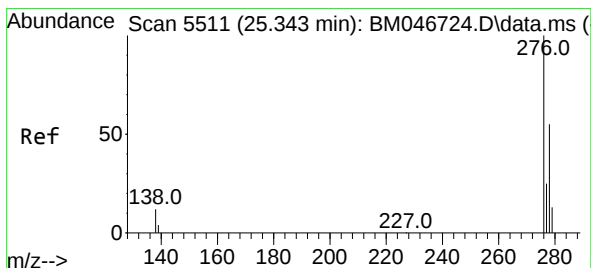
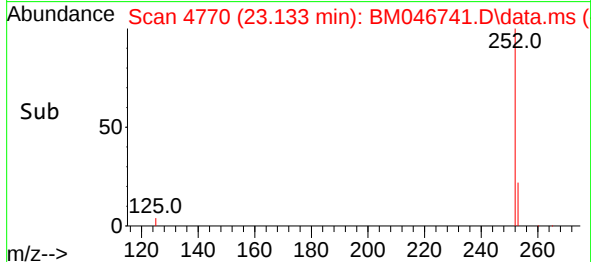
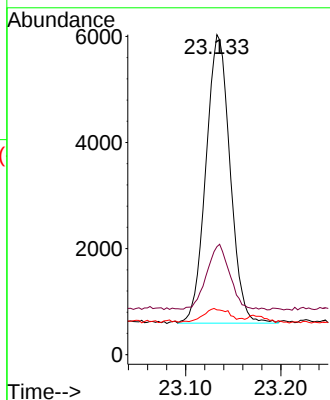
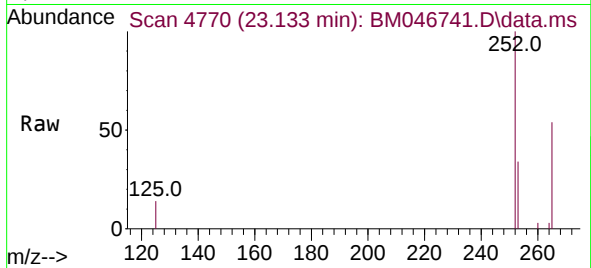




#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.133 min Scan# 4770
Delta R.T. -0.007 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

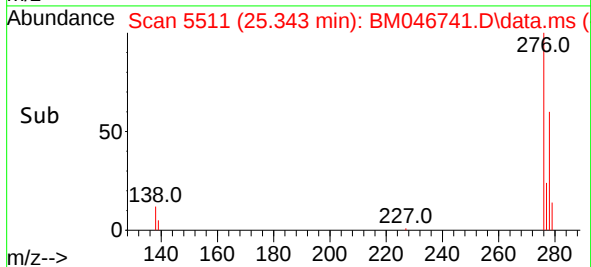
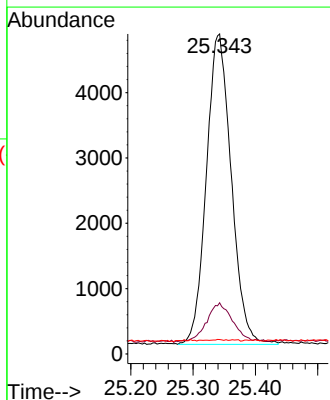
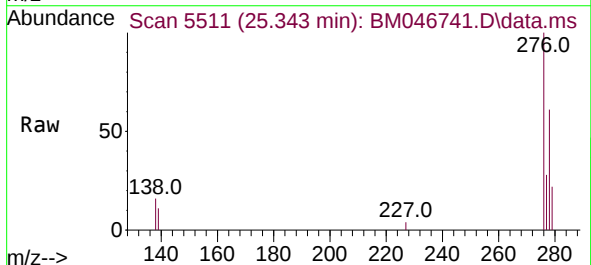
Instrument :
BNA_M
ClientSampleId :
SLCS067

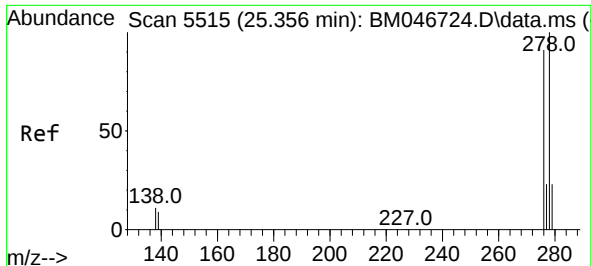
Tgt Ion:252 Resp: 9556
Ion Ratio Lower Upper
252 100
253 33.8 24.0 36.0
125 14.0 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 25.343 min Scan# 5511
Delta R.T. -0.004 min
Lab File: BM046741.D
Acq: 20 Jul 2024 00:10

Tgt Ion:276 Resp: 13170
Ion Ratio Lower Upper
276 100
138 13.1 0.0 0.0#
227 0.3 0.2 0.2#

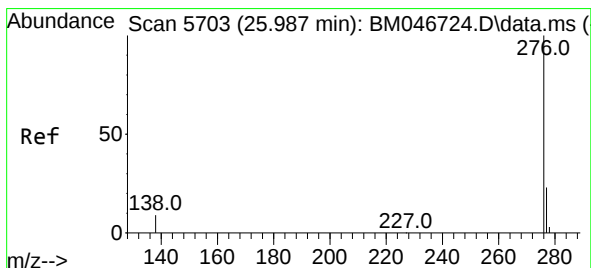
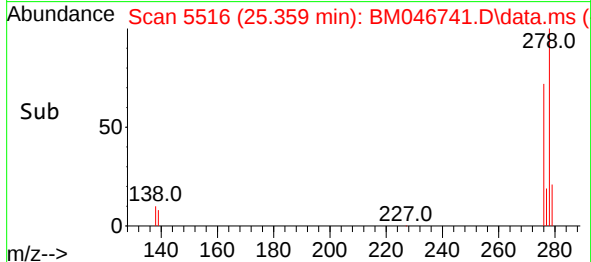
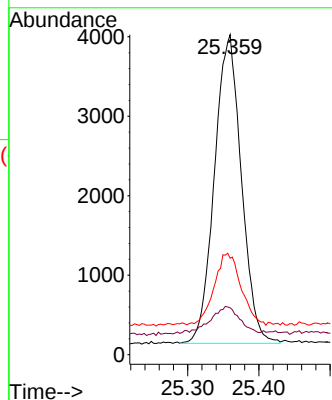
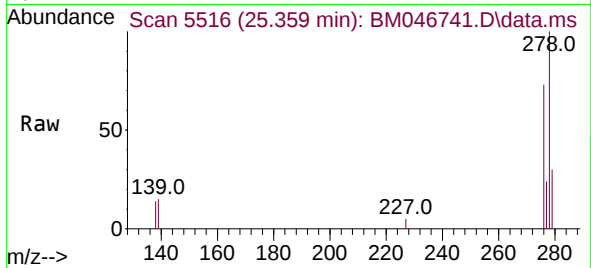




#28
 Dibenzo(a,h)anthracene
 Concen: 0.253 ng/ul
 RT: 25.359 min Scan# 51
 Delta R.T. -0.001 min
 Lab File: BM046741.D
 Acq: 20 Jul 2024 00:10

Instrument :
 BNA_M
 ClientSampleId :
 SLCS067

Tgt Ion:278 Resp: 10204
 Ion Ratio Lower Upper
 278 100
 139 14.7 9.1 13.7#
 279 30.2 23.2 34.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.245 ng/ul
 RT: 25.980 min Scan# 5701
 Delta R.T. -0.004 min
 Lab File: BM046741.D
 Acq: 20 Jul 2024 00:10

Tgt Ion:276 Resp: 9929
 Ion Ratio Lower Upper
 276 100
 138 15.6 10.2 15.4#
 277 28.7 20.9 31.3

