

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046802.D
 Acq On : 25 Jul 2024 16:33
 Operator : MA/JU
 Sample : PB162099BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS099

Quant Time: Jul 25 17:07:05 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)

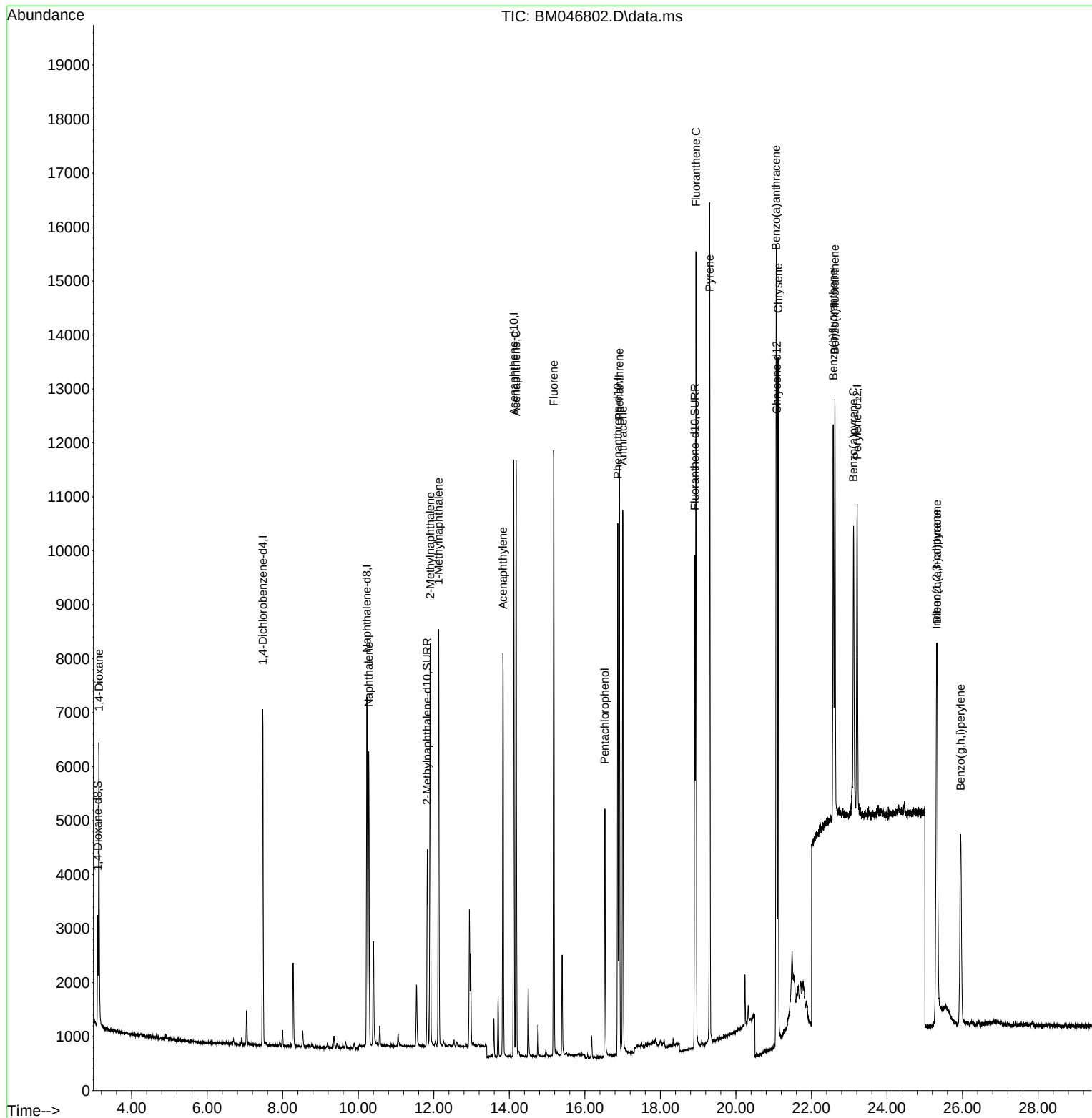
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	9023	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	5854	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	12525	0.400	ng/ul	0.00
17) Chrysene-d12	21.081	240	8131	0.400	ng/ul	0.00
23) Perylene-d12	23.209	264	7115	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1324	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	4768	0.332	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	10594	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	3461	1.370	ng/ul#	85
5) Naphthalene	10.277	128	7218	0.316	ng/ul	100
7) 2-Methylnaphthalene	11.904	142	5178	0.330	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	5260	0.324	ng/ul	99
10) Acenaphthylene	13.831	152	8581	0.320	ng/ul	98
11) Acenaphthene	14.178	153	6160	0.338	ng/ul	98
12) Fluorene	15.173	166	7125	0.313	ng/ul	99
14) Pentachlorophenol	16.529	266	3017	0.532	ng/ul	99
15) Phenanthrene	16.913	178	11289	0.314	ng/ul	99
16) Anthracene	17.002	178	10664	0.318	ng/ul	99
19) Fluoranthene	18.942	202	13330	0.373	ng/ul	100
20) Pyrene	19.304	202	13859	0.375	ng/ul	99
21) Benzo(a)anthracene	21.064	228	11098	0.328	ng/ul	99
22) Chrysene	21.116	228	10614	0.308	ng/ul	99
24) Benzo(b)fluoranthene	22.577	252	9345	0.299	ng/ul	92
25) Benzo(k)fluoranthene	22.618	252	9345	0.297	ng/ul	96
26) Benzo(a)pyrene	23.112	252	8325	0.371	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.309	276	9763	0.283	ng/ul	95
28) Dibenzo(a,h)anthracene	25.326	278	7426	0.294	ng/ul#	93
29) Benzo(g,h,i)perylene	25.946	276	7850	0.258	ng/ul#	95

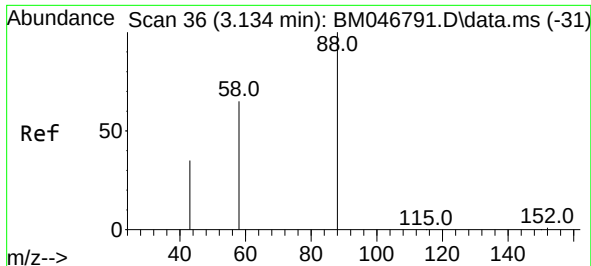
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046802.D
Acq On : 25 Jul 2024 16:33
Operator : MA/JU
Sample : PB162099BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS099

Quant Time: Jul 25 17:07:05 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

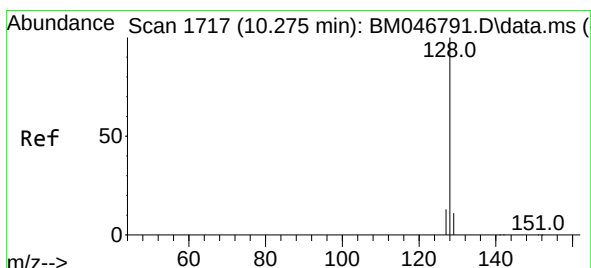
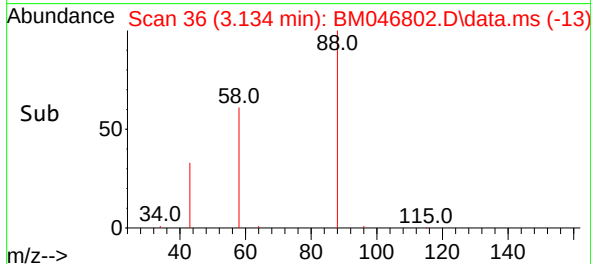
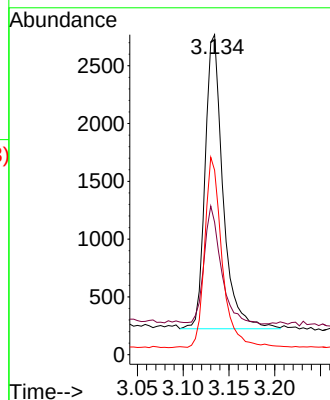
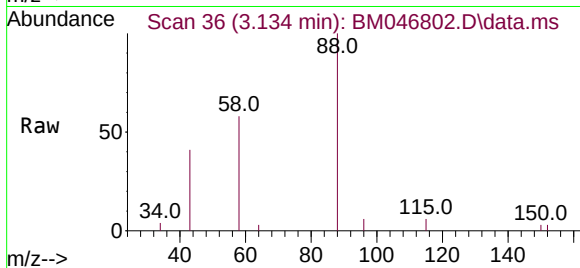




#2
1,4-Dioxane
Concen: 1.370 ng/ul
RT: 3.134 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

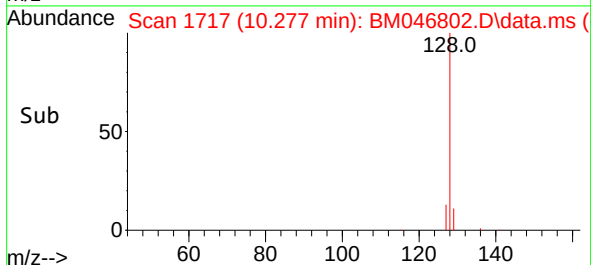
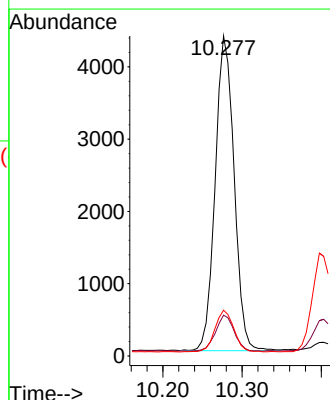
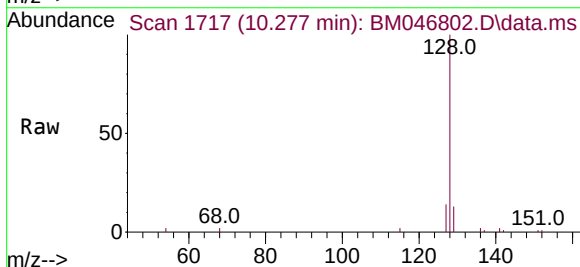
Instrument :
BNA_M
ClientSampleId :
SLCS099

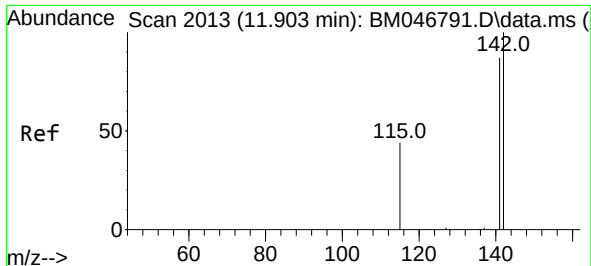
Tgt Ion: 88 Resp: 3461
Ion Ratio Lower Upper
88 100
43 41.4 42.1 63.1#
58 57.7 38.3 57.5#



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion: 128 Resp: 7218
Ion Ratio Lower Upper
128 100
129 12.8 10.1 15.1
127 14.3 11.5 17.3

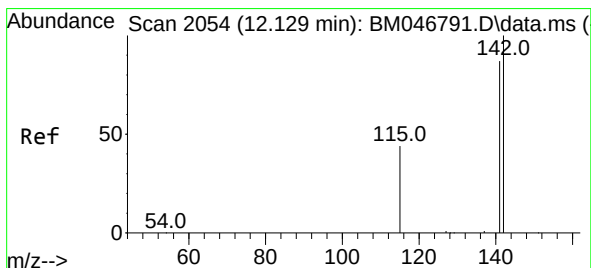
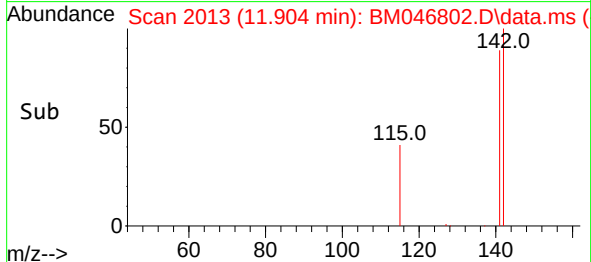
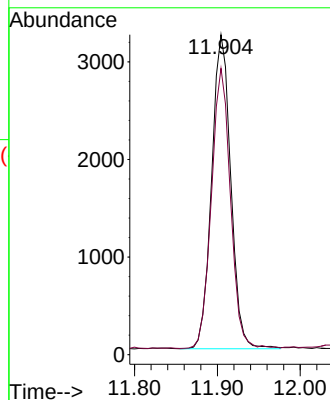
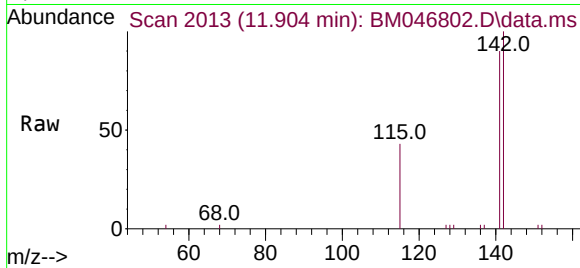




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

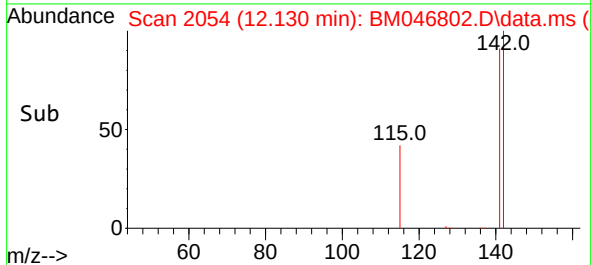
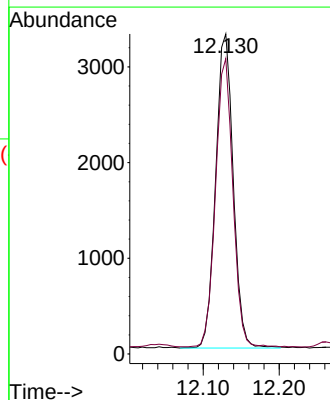
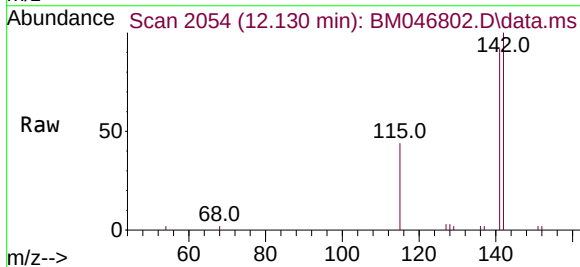
Instrument :
BNA_M
ClientSampleId :
SLCS099

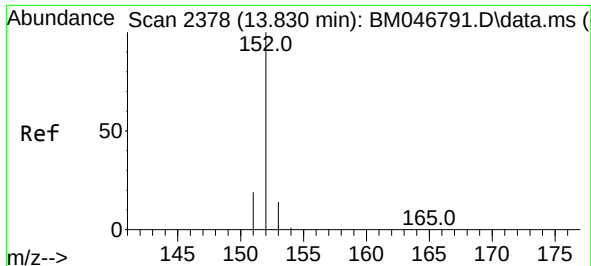
Tgt Ion:142 Resp: 5178
Ion Ratio Lower Upper
142 100
141 88.9 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:142 Resp: 5260
Ion Ratio Lower Upper
142 100
141 90.6 73.1 109.7

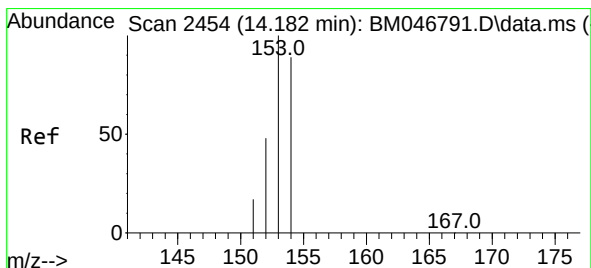
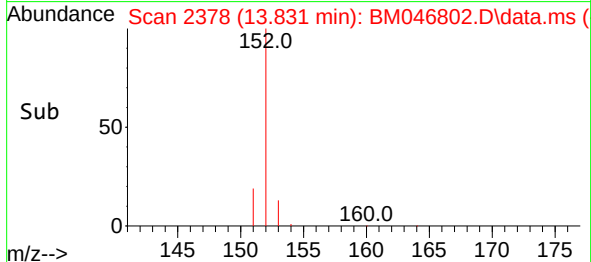
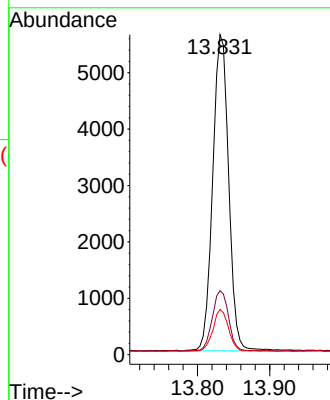
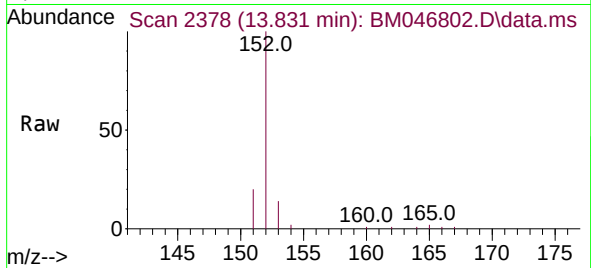




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 13.831 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

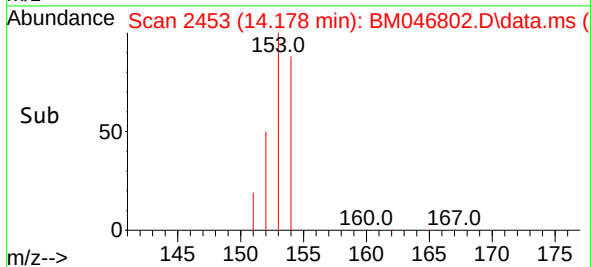
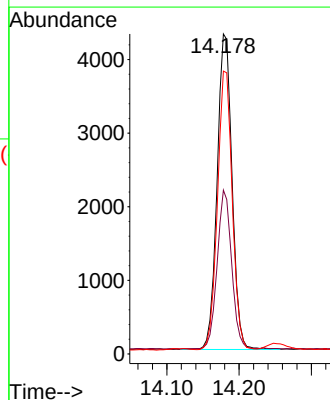
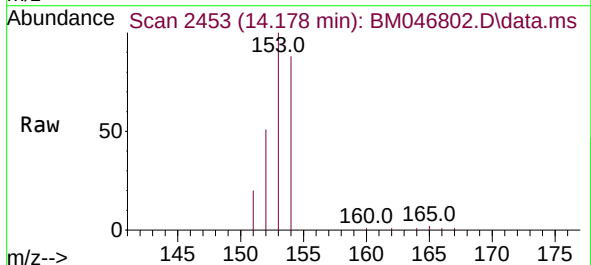
Instrument :
BNA_M
ClientSampleId :
SLCS099

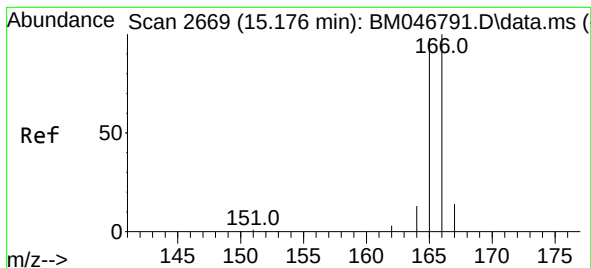
Tgt Ion:152 Resp: 8581
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 14.2 11.0 16.6



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:153 Resp: 6160
Ion Ratio Lower Upper
153 100
152 51.2 38.6 57.8
154 88.4 70.8 106.2





#12

Fluorene

Concen: 0.313 ng/ul

RT: 15.173 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM046802.D

Acq: 25 Jul 2024 16:33

Instrument :

BNA_M

ClientSampleId :

SLCS099

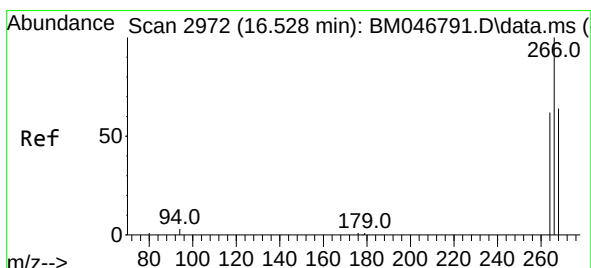
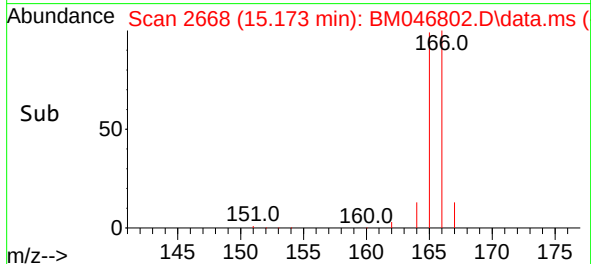
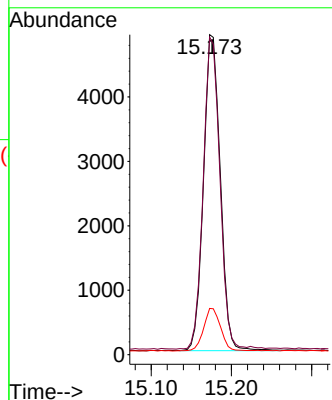
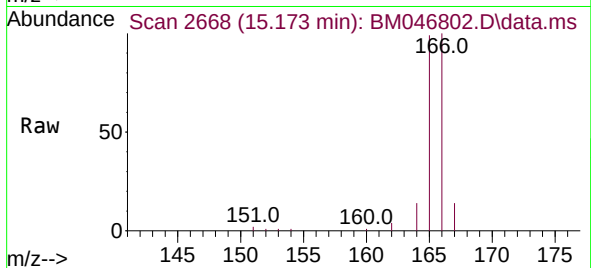
Tgt Ion:166 Resp: 7125

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.6

167 14.5 12.3 18.5



#14

Pentachlorophenol

Concen: 0.532 ng/ul

RT: 16.529 min Scan# 2972

Delta R.T. -0.004 min

Lab File: BM046802.D

Acq: 25 Jul 2024 16:33

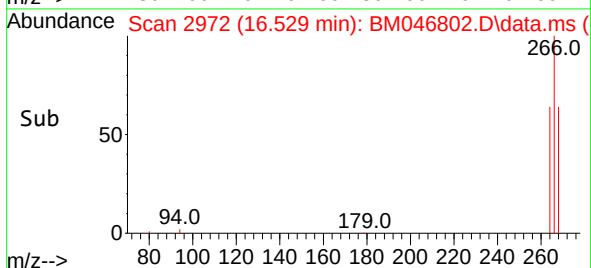
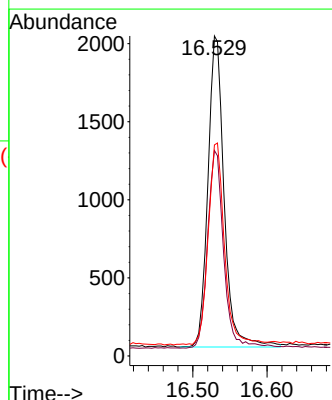
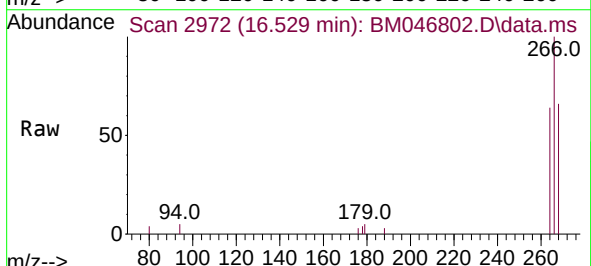
Tgt Ion:266 Resp: 3017

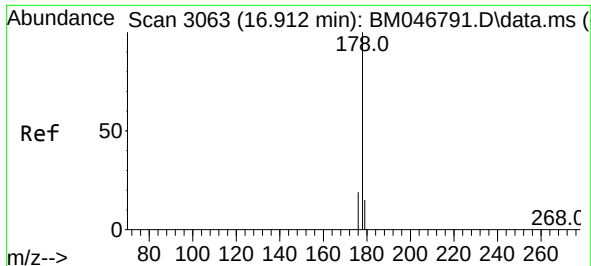
Ion Ratio Lower Upper

266 100

264 63.1 51.1 76.7

268 64.8 51.8 77.6

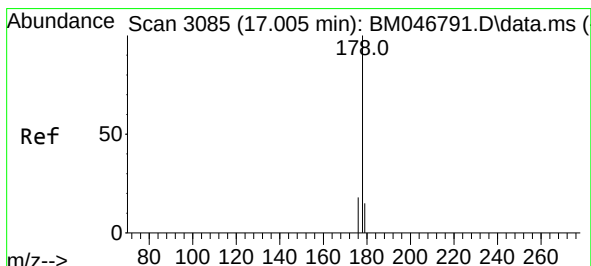
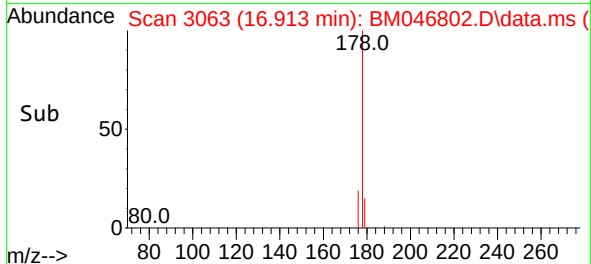
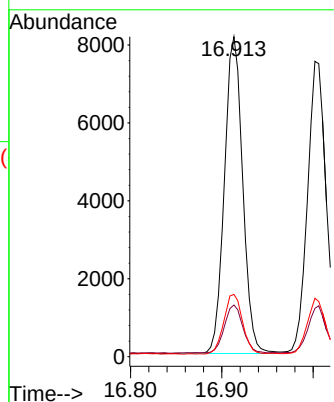
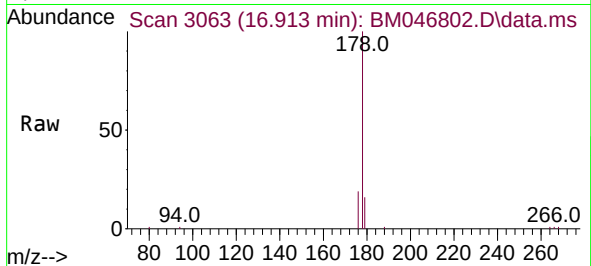




#15
Phenanthrene
Concen: 0.314 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

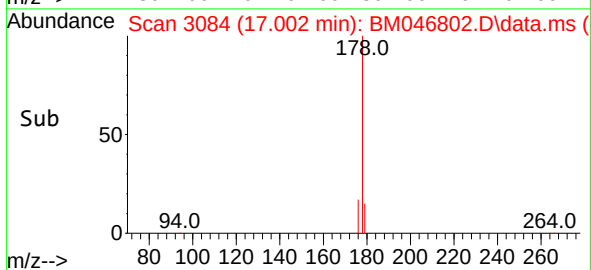
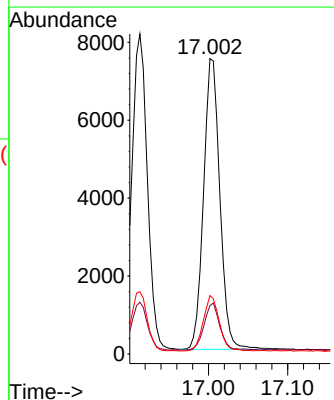
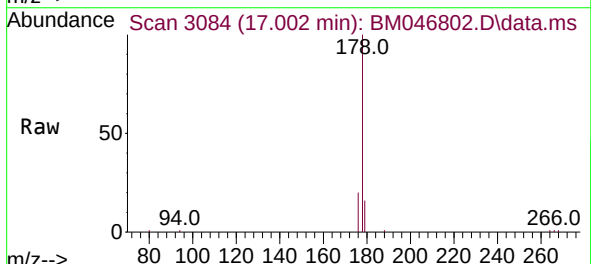
Instrument :
BNA_M
ClientSampleId :
SLCS099

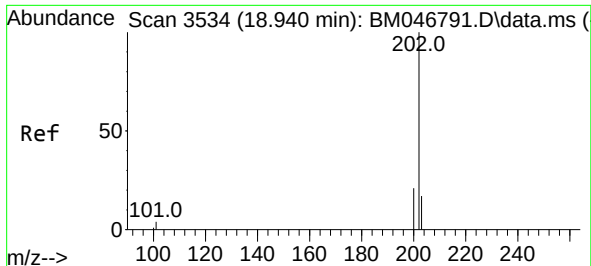
Tgt Ion:178 Resp: 11289
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.4 16.1 24.1



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:178 Resp: 10664
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 19.8 15.0 22.6

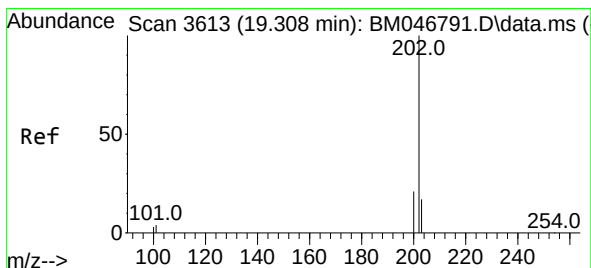
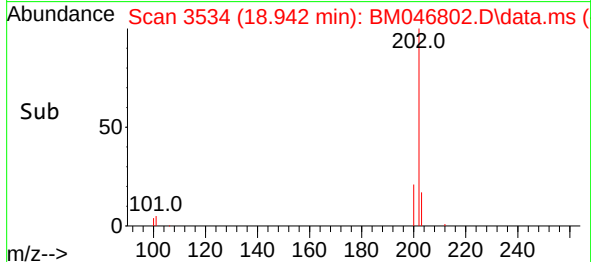
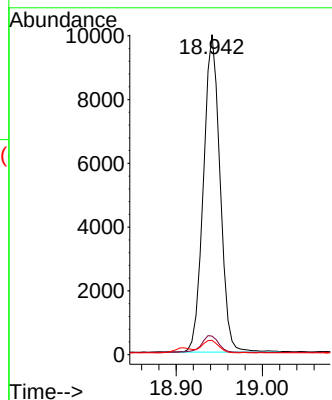
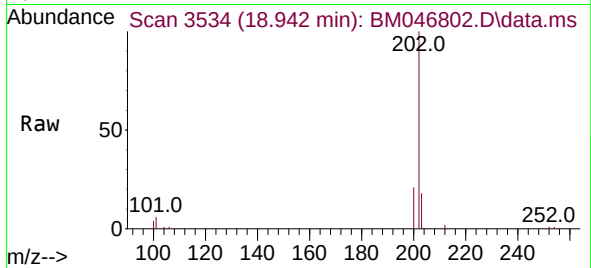




#19
Fluoranthene
Concen: 0.373 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

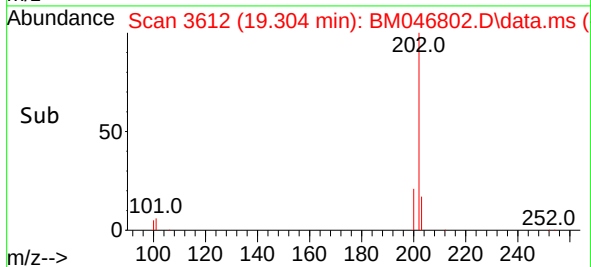
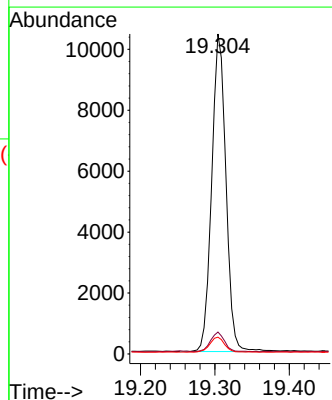
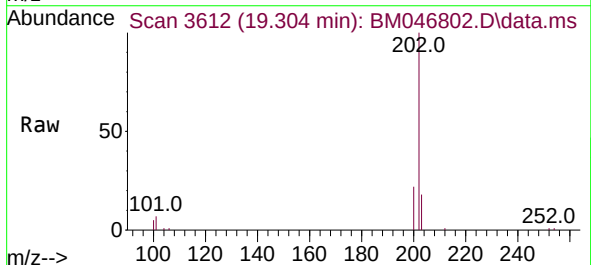
Instrument :
BNA_M
ClientSampleId :
SLCS099

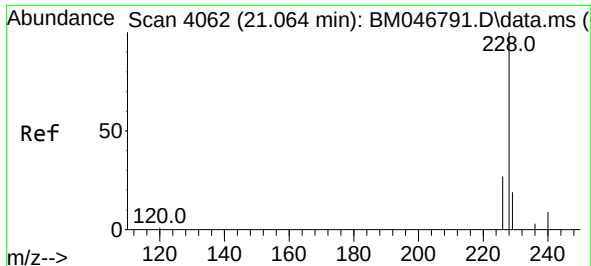
Tgt Ion:202 Resp: 13330
Ion Ratio Lower Upper
202 100
101 5.8 4.7 7.1
100 4.5 3.4 5.2



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:202 Resp: 13859
Ion Ratio Lower Upper
202 100
101 6.9 5.2 7.8
100 5.3 4.3 6.5

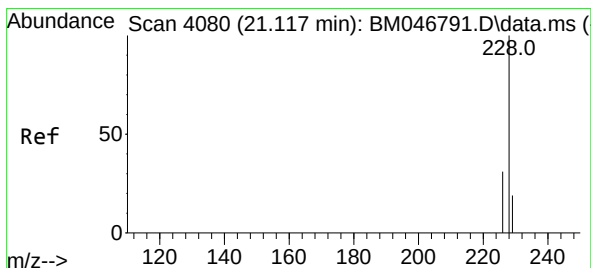
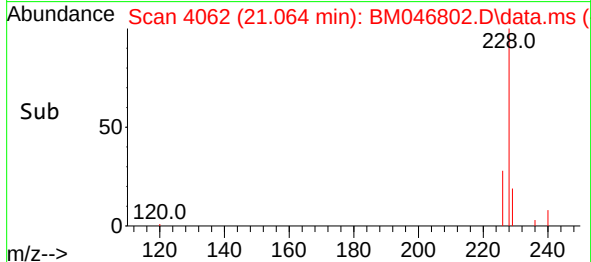
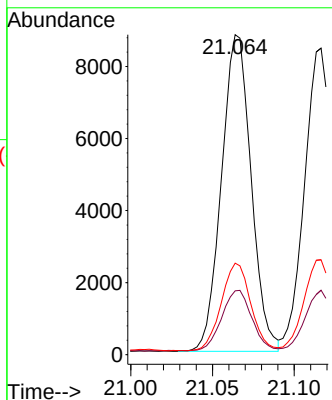
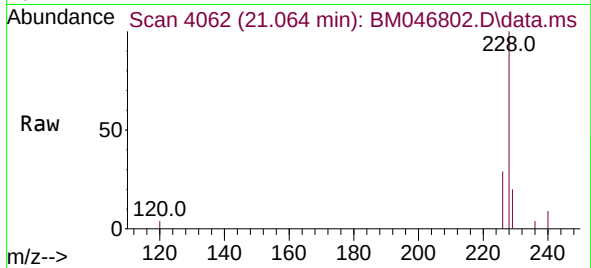




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

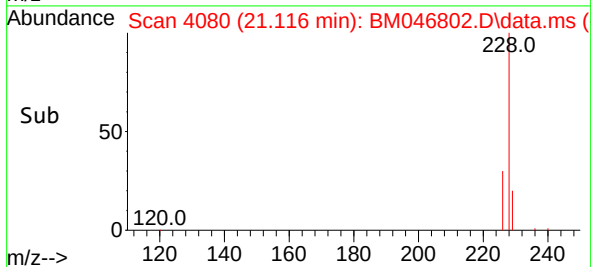
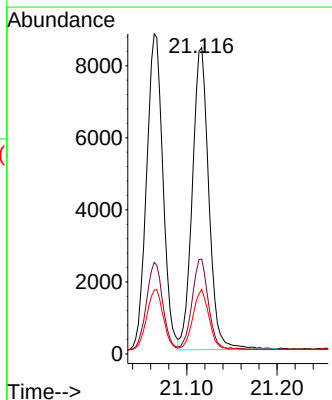
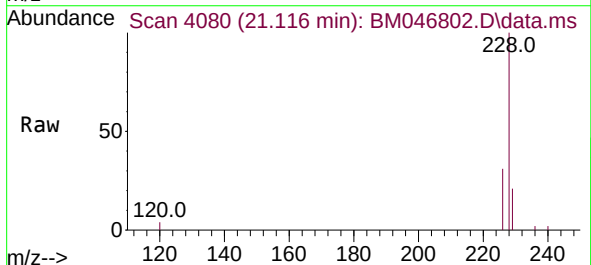
Instrument :
BNA_M
ClientSampleId :
SLCS099

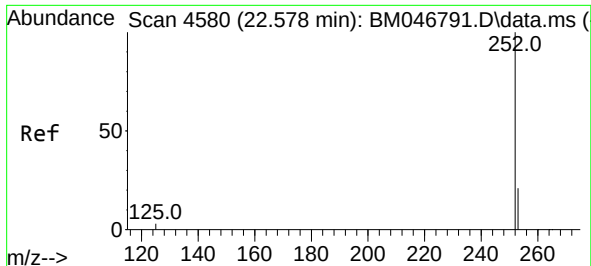
Tgt Ion:228 Resp: 11098
Ion Ratio Lower Upper
228 100
229 20.0 16.3 24.5
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.116 min Scan# 4080
Delta R.T. -0.000 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:228 Resp: 10614
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.0 16.2 24.2

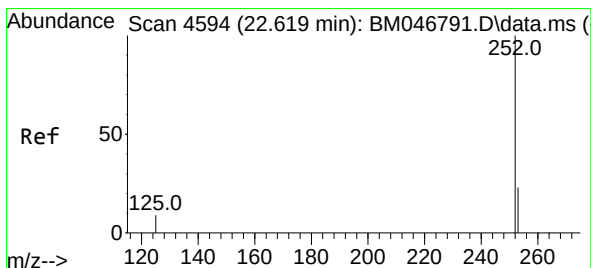
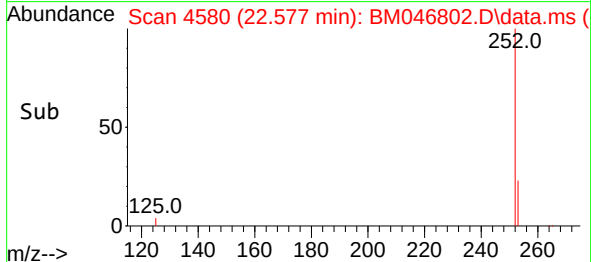
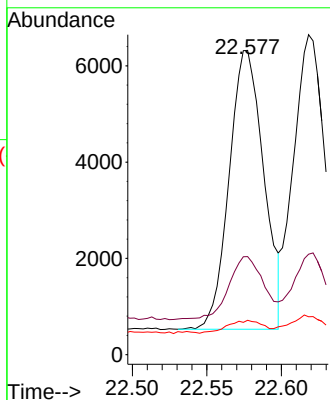
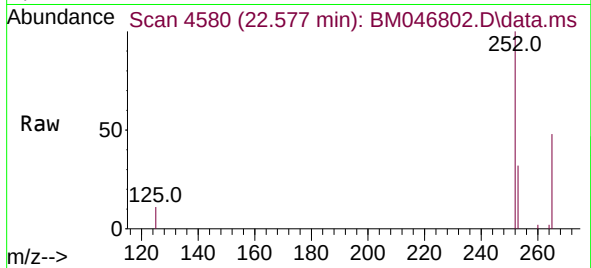




#24
Benzo(b)fluoranthene
Concen: 0.299 ng/ul
RT: 22.577 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

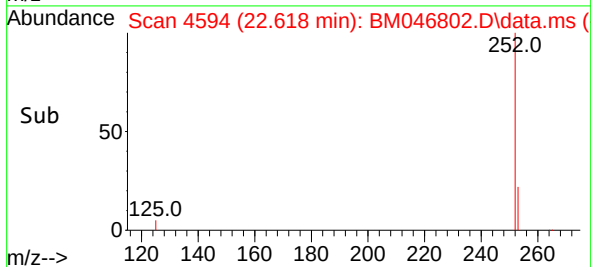
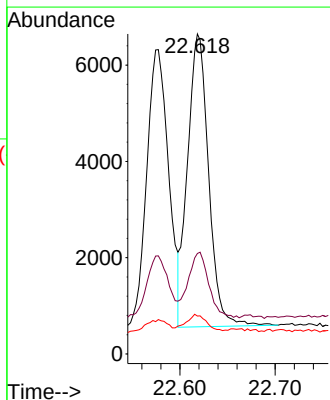
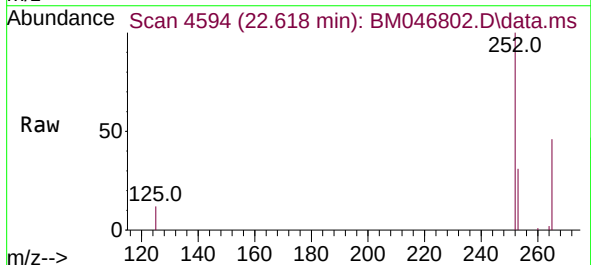
Instrument :
BNA_M
ClientSampleId :
SLCS099

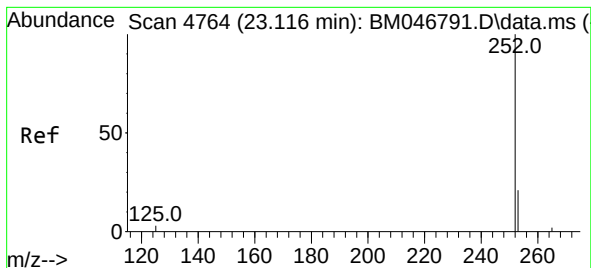
Tgt Ion:252	Resp:	9345
Ion Ratio	Lower	Upper
252	100	
253	32.2	0.0 56.4
125	11.3	0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.297 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:252	Resp:	9345
Ion Ratio	Lower	Upper
252	100	
253	31.4	23.5 35.3
125	11.9	8.6 13.0

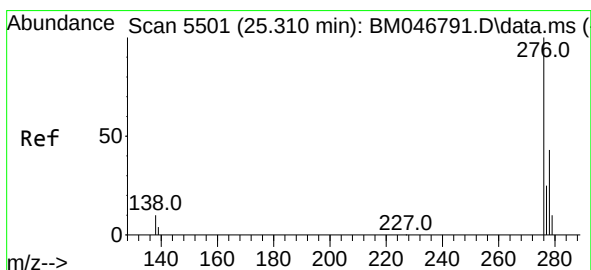
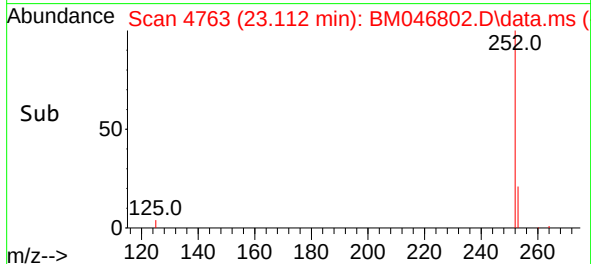
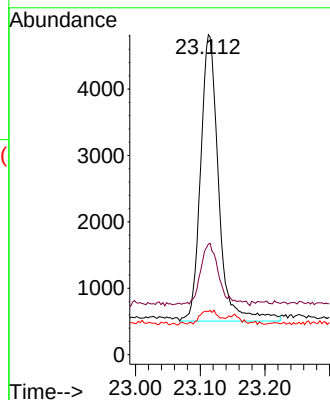
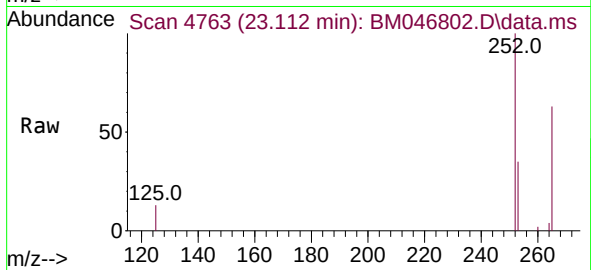




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.112 min Scan# 4763
Delta R.T. -0.006 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

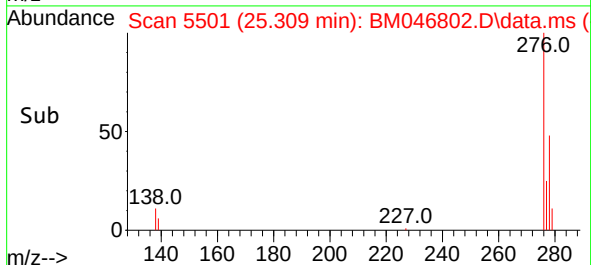
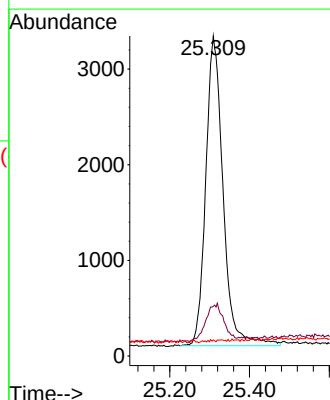
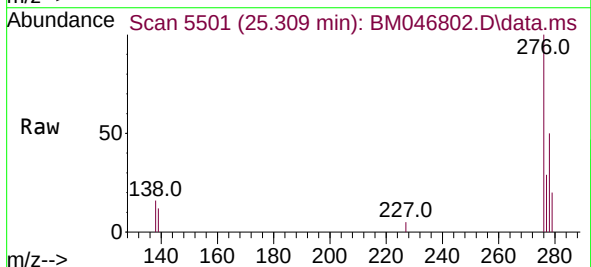
Instrument :
BNA_M
ClientSampleId :
SLCS099

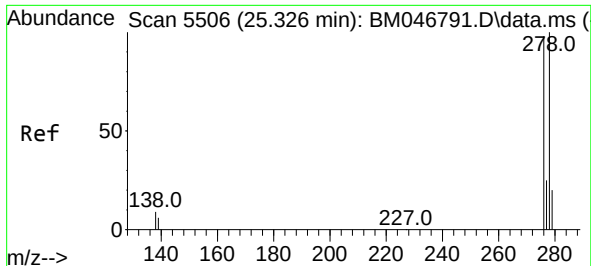
Tgt Ion:252 Resp: 8325
Ion Ratio Lower Upper
252 100
253 34.5 26.0 39.0
125 13.4 7.8 11.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 25.309 min Scan# 5501
Delta R.T. -0.007 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:276 Resp: 9763
Ion Ratio Lower Upper
276 100
138 14.2 9.7 14.5
227 0.2 0.2 0.2

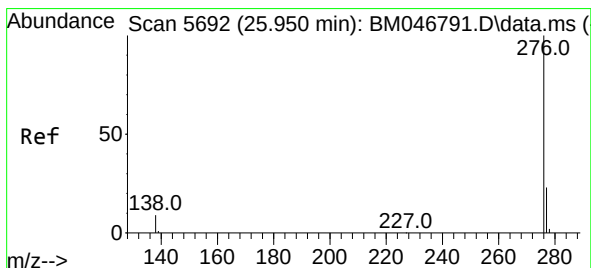
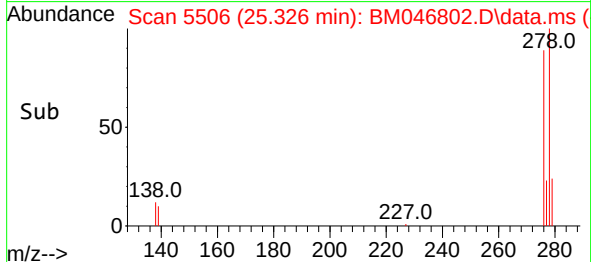
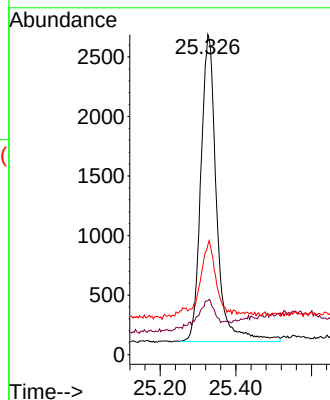
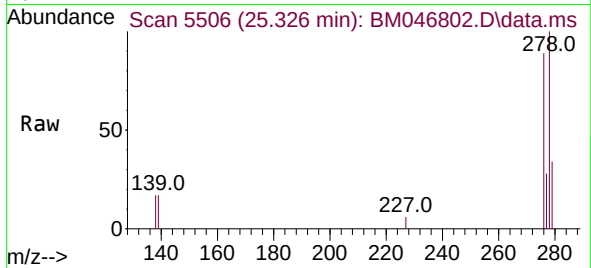




#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 25.326 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SLCS099

Tgt Ion:278 Resp: 7426
Ion Ratio Lower Upper
278 100
139 16.9 9.8 14.8#
279 34.3 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 25.946 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM046802.D
Acq: 25 Jul 2024 16:33

Tgt Ion:276 Resp: 7850
Ion Ratio Lower Upper
276 100
138 15.2 9.5 14.3#
277 28.0 20.9 31.3

