

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046102.D
 Acq On : 20 Jun 2024 00:56
 Operator : MA/JU
 Sample : PB161389BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS389

Quant Time: Jun 20 01:29:22 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

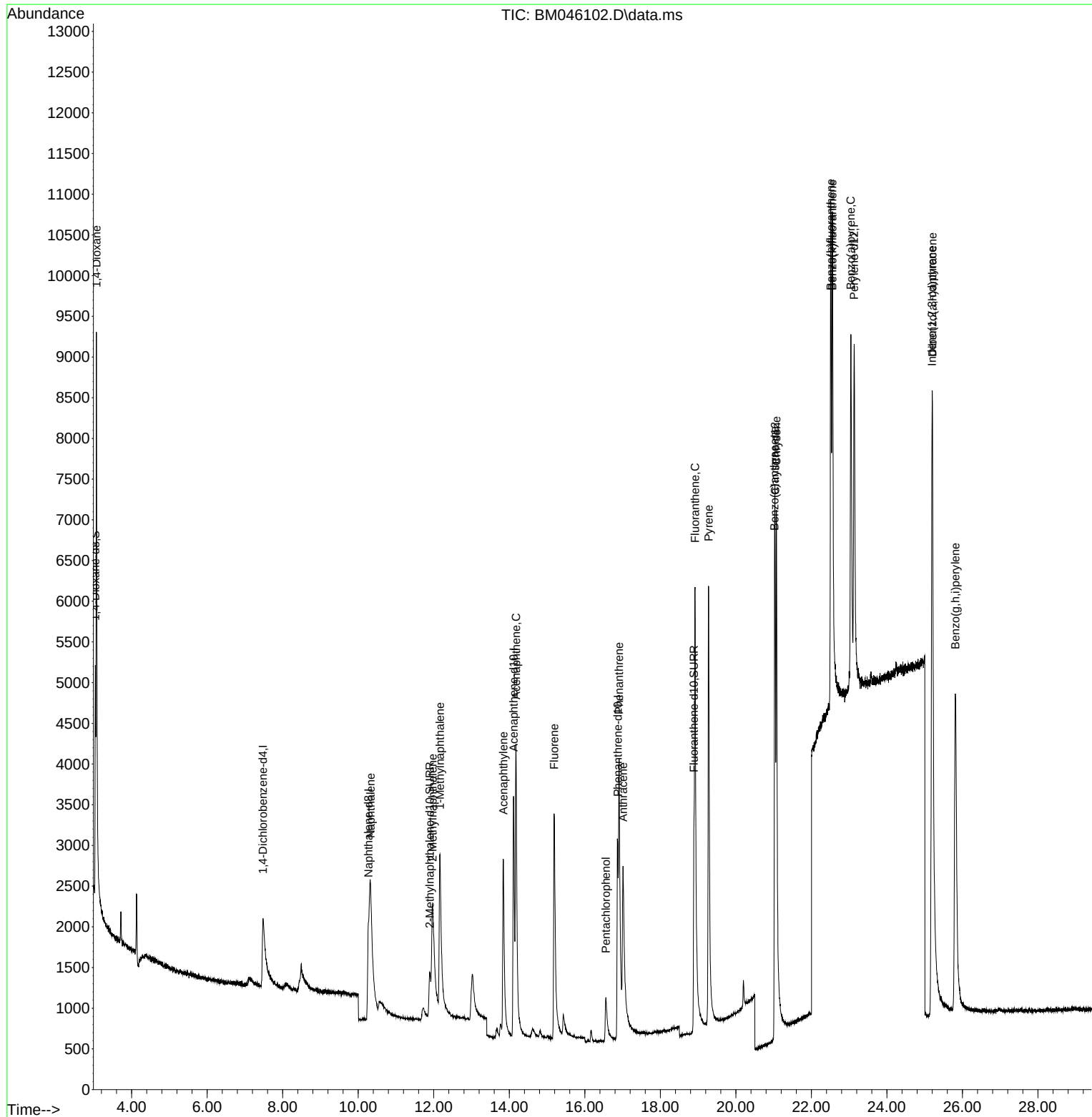
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	1658	0.400	ng/ul	0.01
4) Naphthalene-d8	10.271	136	5308	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.114	164	3153	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	6052	0.400	ng/ul	0.00
17) Chrysene-d12	21.041	240	4967	0.400	ng/ul	0.00
23) Perylene-d12	23.133	264	6919	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	1788	0.786	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	2363	0.332	ng/ul	0.03
18) Fluoranthene-d10	18.891	212	4915	0.330	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.067	88	4652	1.823	ng/ul#	75
5) Naphthalene	10.326	128	4985	0.337	ng/ul	96
7) 2-Methylnaphthalene	11.970	142	2744	0.329	ng/ul	97
8) 1-Methylnaphthalene	12.163	142	3109	0.340	ng/ul	98
10) Acenaphthylene	13.841	152	5109	0.342	ng/ul	98
11) Acenaphthene	14.178	153	3787	0.351	ng/ul	98
12) Fluorene	15.187	166	3892	0.336	ng/ul	96
14) Pentachlorophenol	16.559	266	998	0.550	ng/ul	98
15) Phenanthrene	16.909	178	5583	0.328	ng/ul	99
16) Anthracene	17.015	178	3811	0.301	ng/ul	97
19) Fluoranthene	18.919	202	7628	0.355	ng/ul	98
20) Pyrene	19.276	202	8233	0.354	ng/ul	99
21) Benzo(a)anthracene	21.023	228	6167	0.321	ng/ul	100
22) Chrysene	21.073	228	8708	0.356	ng/ul	99
24) Benzo(b)fluoranthene	22.513	252	8521	0.342	ng/ul	97
25) Benzo(k)fluoranthene	22.554	252	10286	0.347	ng/ul	99
26) Benzo(a)pyrene	23.045	252	9003	0.390	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.195	276	12348	0.327	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.205	278	9497	0.337	ng/ul	99
29) Benzo(g,h,i)perylene	25.812	276	10976	0.339	ng/ul	98

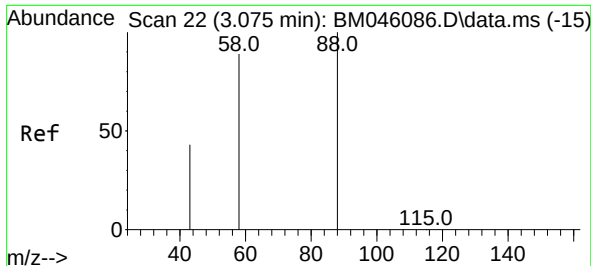
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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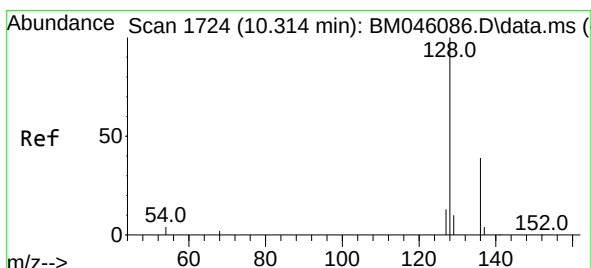
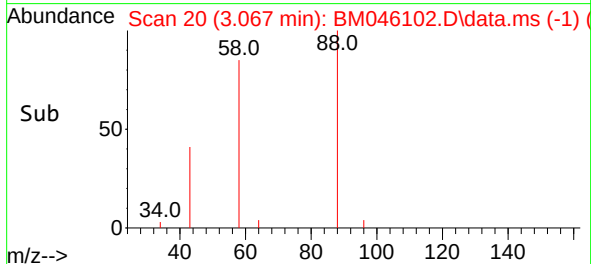
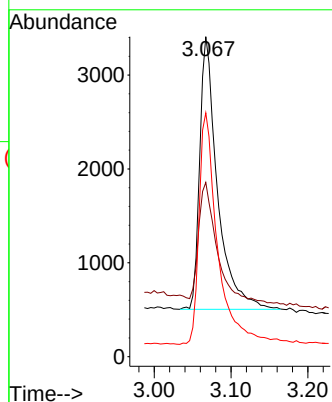
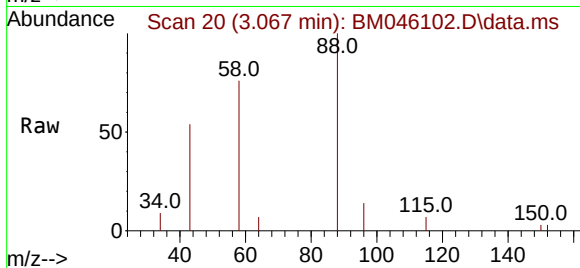




#2
1,4-Dioxane
Concen: 1.823 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

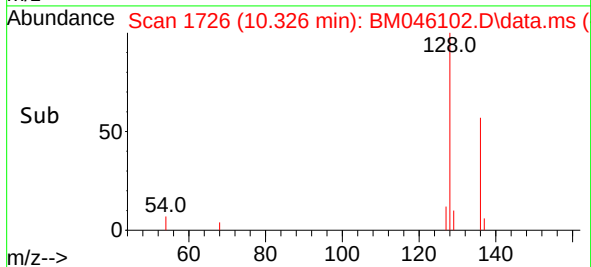
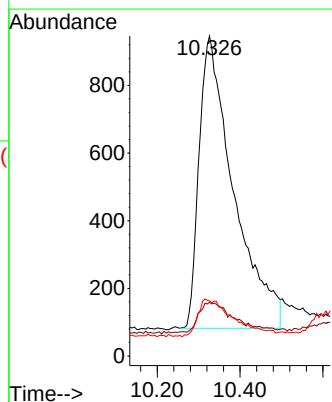
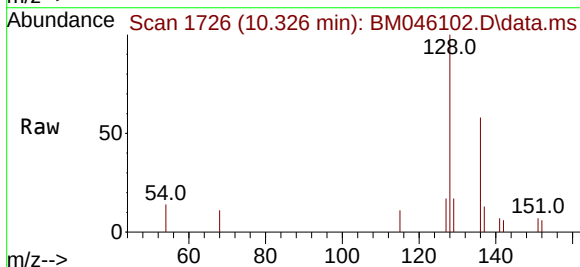
Instrument :
BNA_M
ClientSampleId :
SLCS389

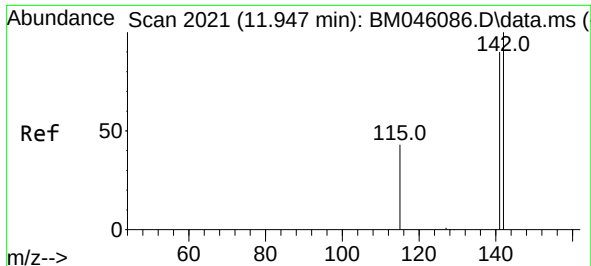
Tgt Ion: 88 Resp: 4652
Ion Ratio Lower Upper
88 100
43 54.4 69.8 104.8#
58 76.2 53.2 79.8



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.326 min Scan# 1726
Delta R.T. 0.023 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion: 128 Resp: 4985
Ion Ratio Lower Upper
128 100
129 16.8 11.8 17.6
127 17.2 12.8 19.2

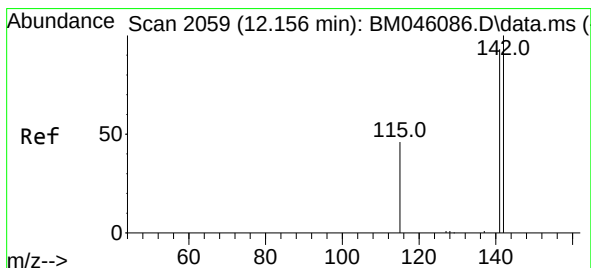
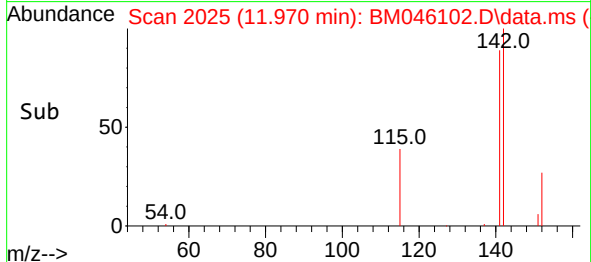
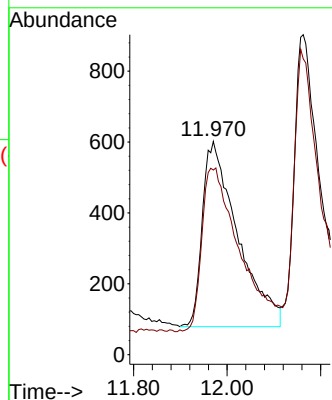
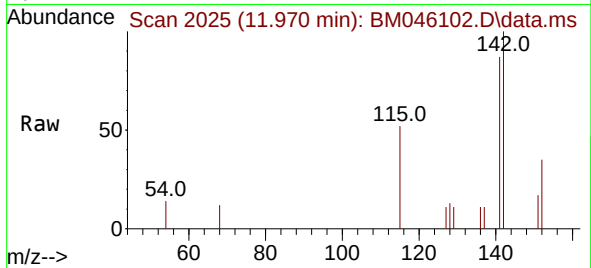




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. 0.023 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

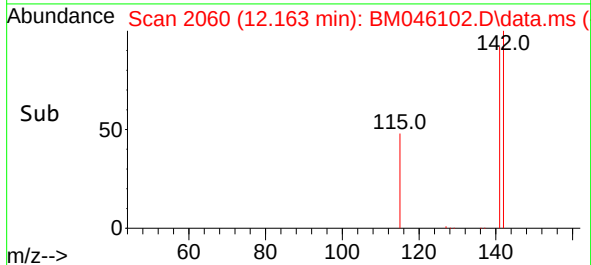
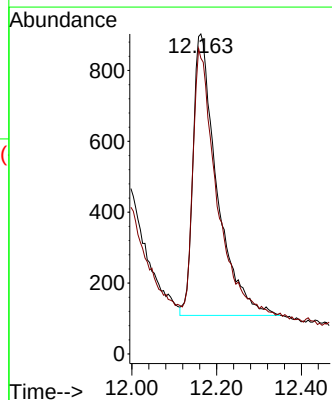
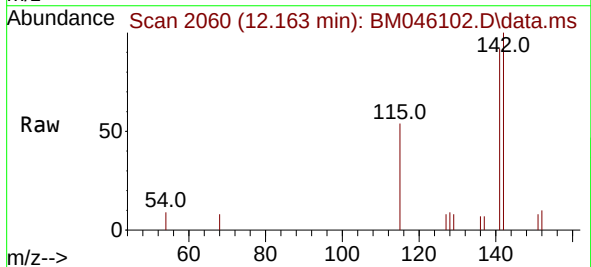
Instrument :
BNA_M
ClientSampleId :
SLCS389

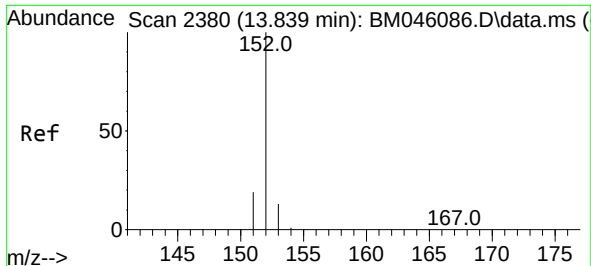
Tgt Ion:142 Resp: 2744
Ion Ratio Lower Upper
142 100
141 96.2 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. 0.012 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:142 Resp: 3109
Ion Ratio Lower Upper
142 100
141 92.2 75.2 112.8

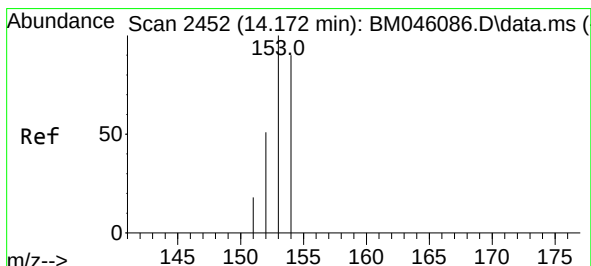
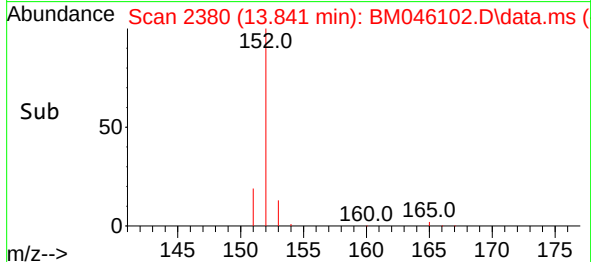
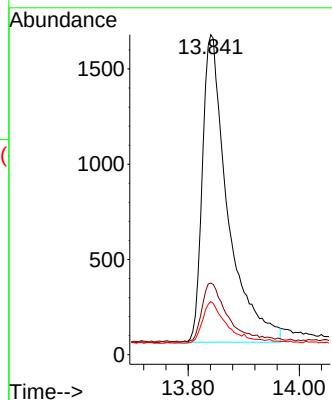
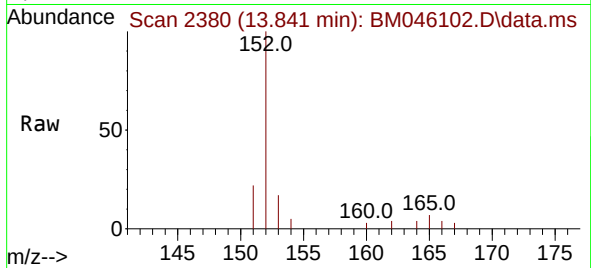




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

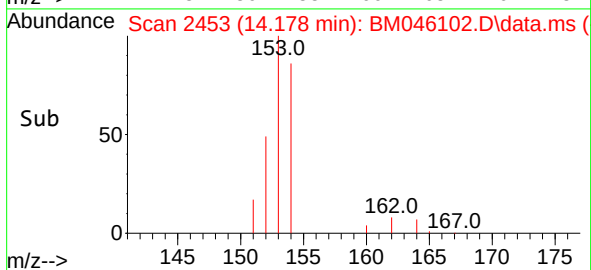
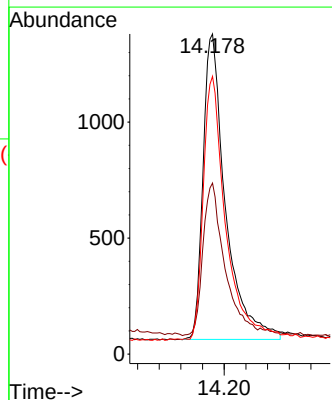
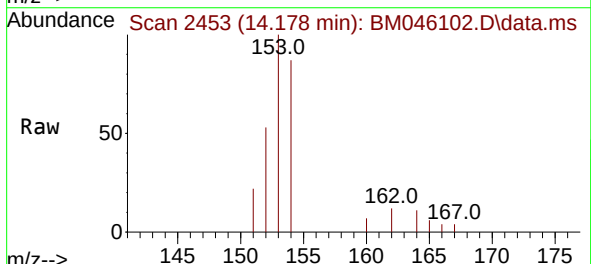
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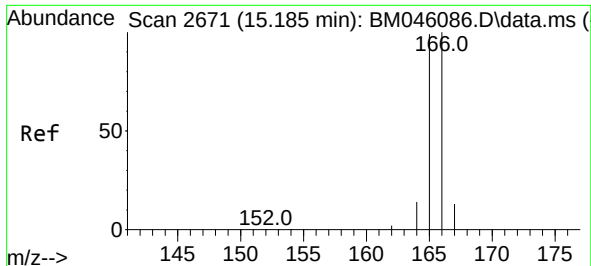
Tgt Ion:152 Resp: 5109
Ion Ratio Lower Upper
152 100
151 22.4 17.4 26.2
153 16.6 11.8 17.8



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:153 Resp: 3787
Ion Ratio Lower Upper
153 100
152 53.4 41.3 61.9
154 86.7 68.2 102.4

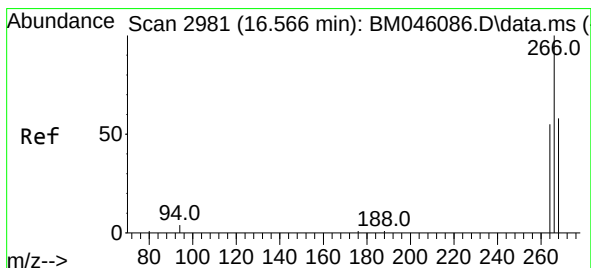
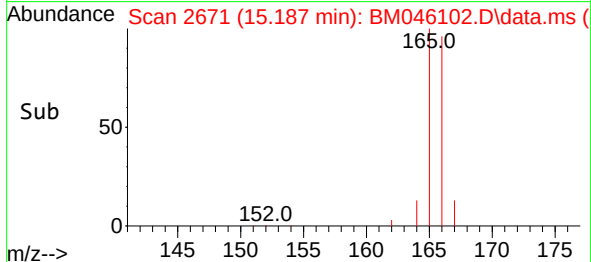
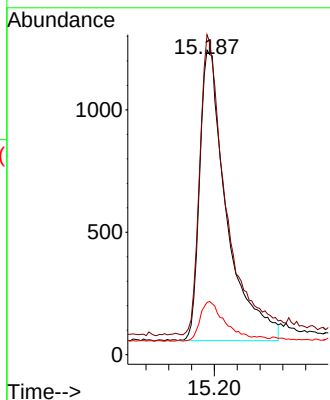
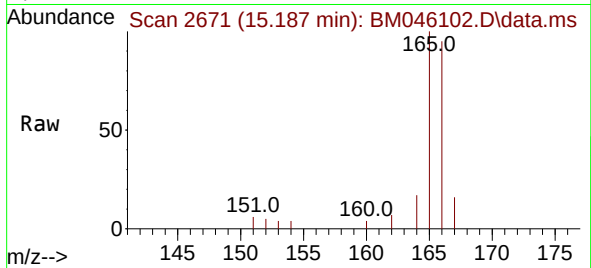




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.187 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

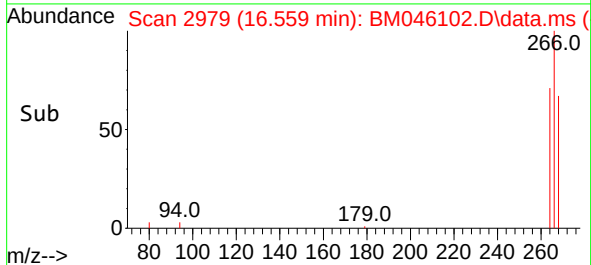
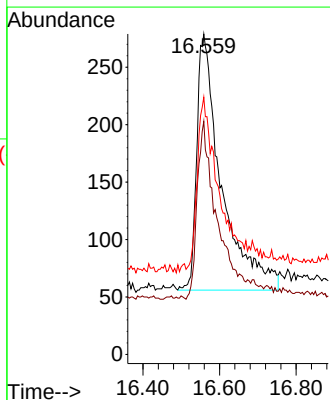
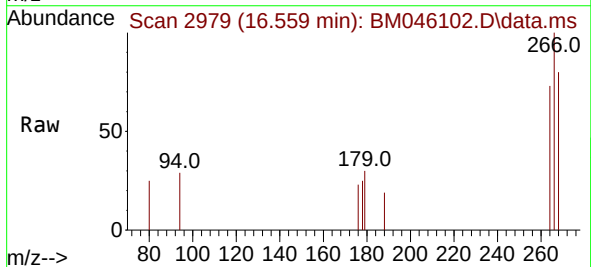
Instrument :
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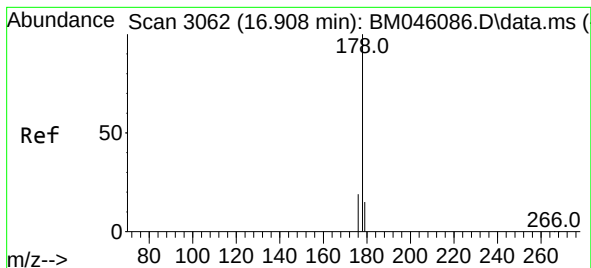
Tgt Ion:166 Resp: 3892
Ion Ratio Lower Upper
166 100
165 105.1 80.4 120.6
167 17.1 12.4 18.6



#14
Pentachlorophenol
Concen: 0.550 ng/ul
RT: 16.559 min Scan# 2979
Delta R.T. -0.007 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:266 Resp: 998
Ion Ratio Lower Upper
266 100
264 61.8 50.9 76.3
268 63.7 52.3 78.5





#15

Phenanthrene

Concen: 0.328 ng/ul

RT: 16.909 min Scan# 3062

Delta R.T. 0.006 min

Lab File: BM046102.D

Acq: 20 Jun 2024 00:56

Instrument :

BNA_M

ClientSampleId :

SLCS389

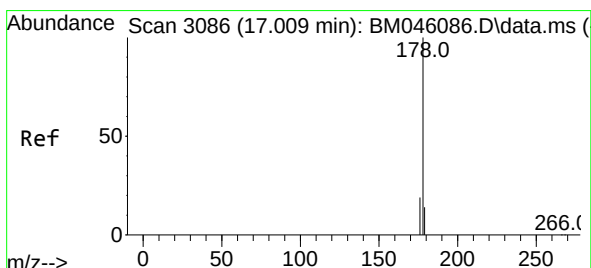
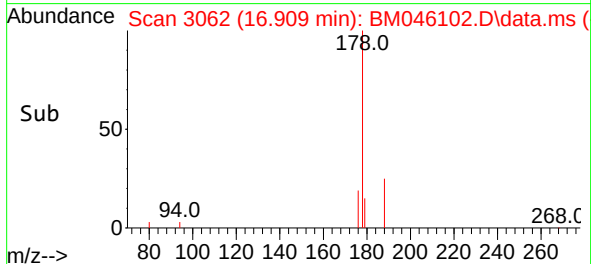
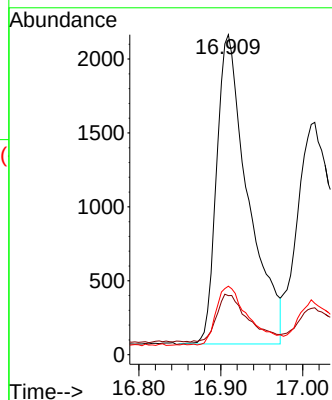
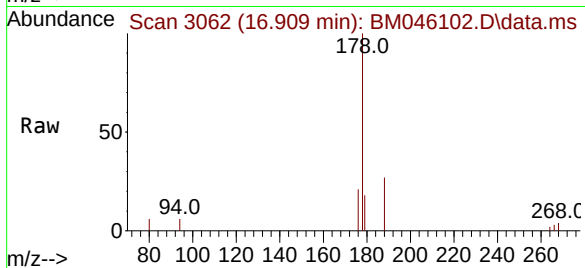
Tgt Ion:178 Resp: 5583

Ion Ratio Lower Upper

178 100

179 18.4 14.2 21.2

176 21.4 17.1 25.7



#16

Anthracene

Concen: 0.301 ng/ul

RT: 17.015 min Scan# 3087

Delta R.T. 0.010 min

Lab File: BM046102.D

Acq: 20 Jun 2024 00:56

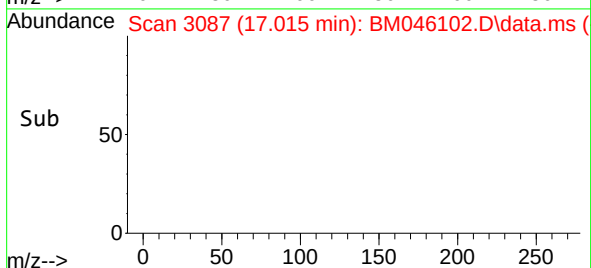
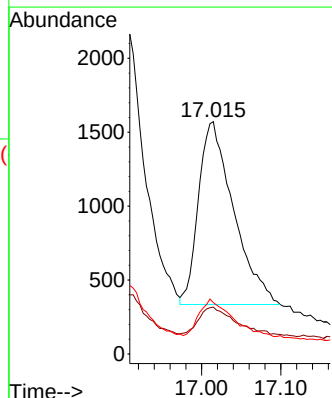
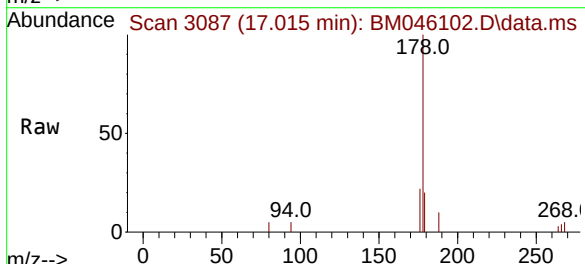
Tgt Ion:178 Resp: 3811

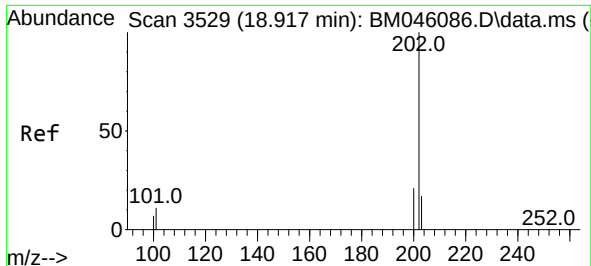
Ion Ratio Lower Upper

178 100

179 20.2 14.9 22.3

176 22.1 17.0 25.4

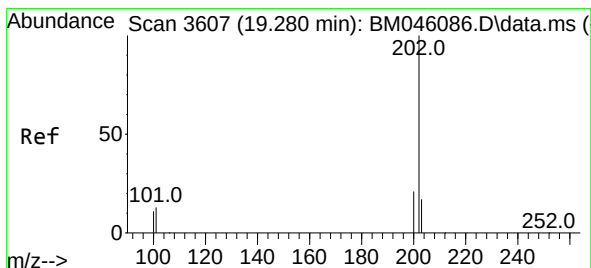
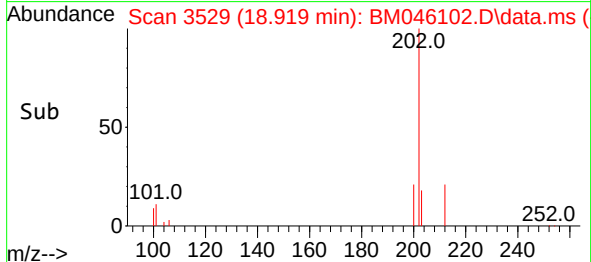
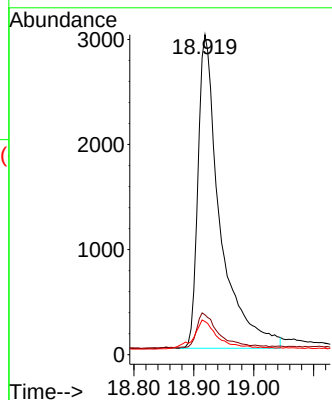
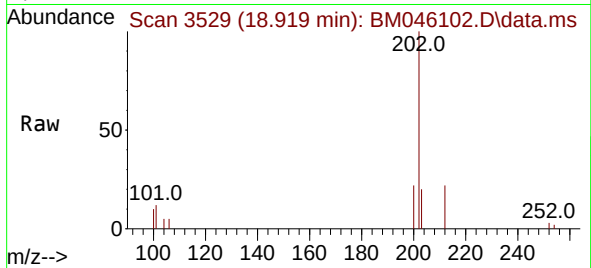




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 18.919 min Scan# 3529
Delta R.T. 0.001 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

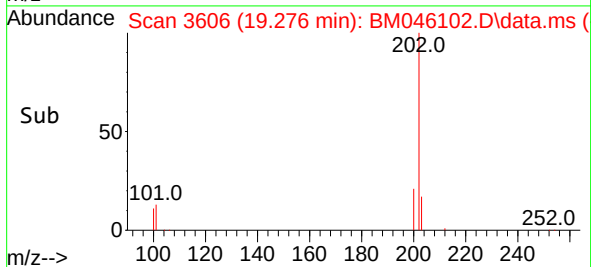
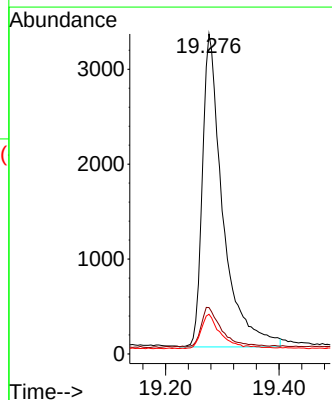
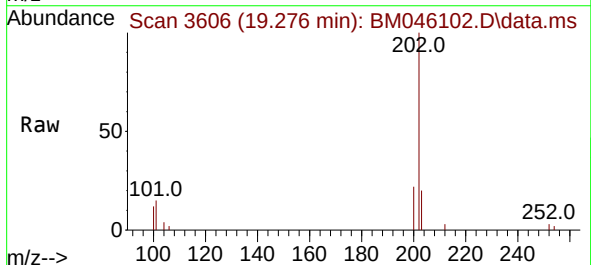
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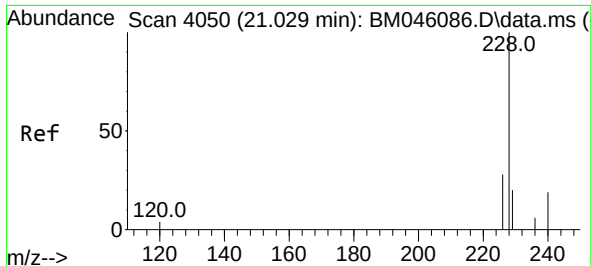
Tgt Ion:	202	Resp:	7628
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
100	10.4	7.6	11.4



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. 0.001 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

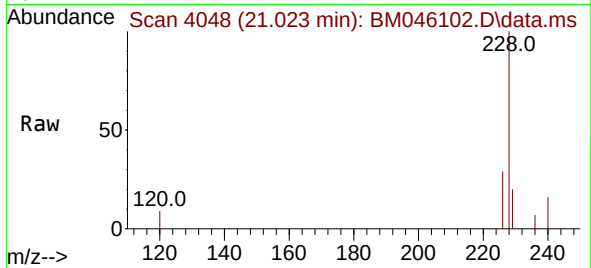
Tgt Ion:	202	Resp:	8233
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.3	16.9
100	12.4	9.8	14.6



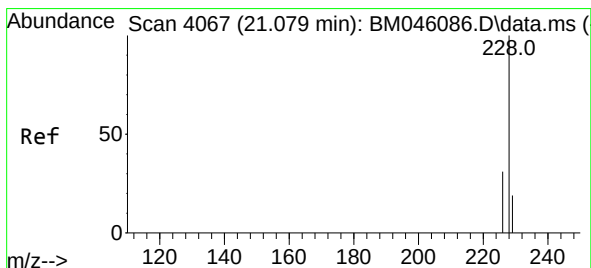
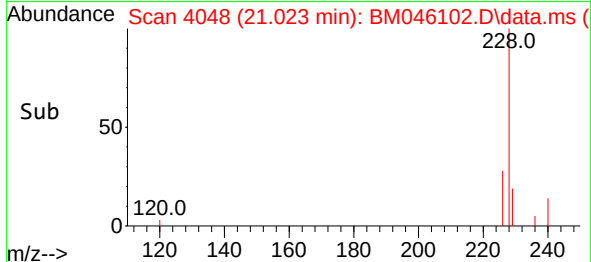
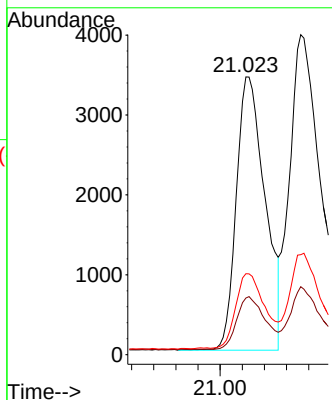


#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.023 min Scan# 4048
Delta R.T. -0.006 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Instrument :
BNA_M
ClientSampleId :
SLCS389

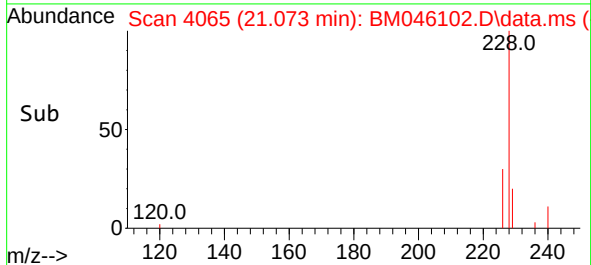
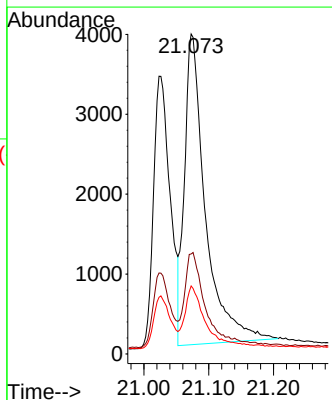
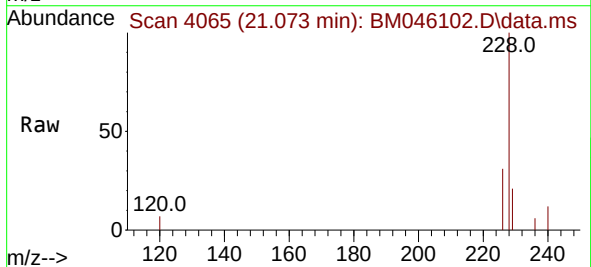


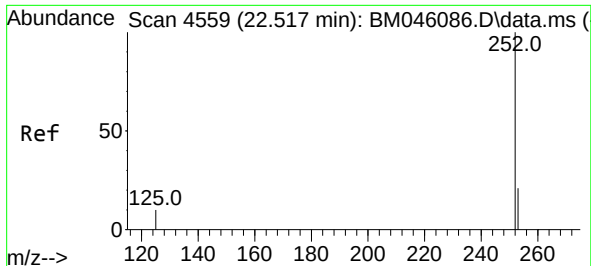
Tgt Ion:228 Resp: 6167
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 29.2 23.4 35.2



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.003 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:228 Resp: 8708
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.3 16.3 24.5

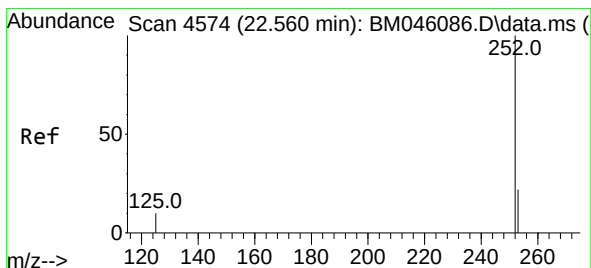
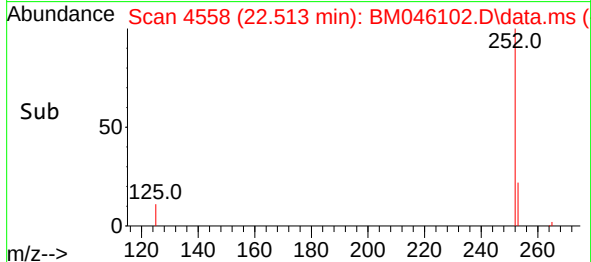
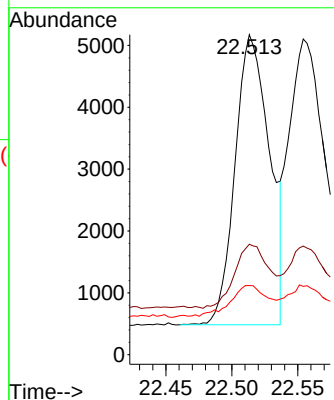
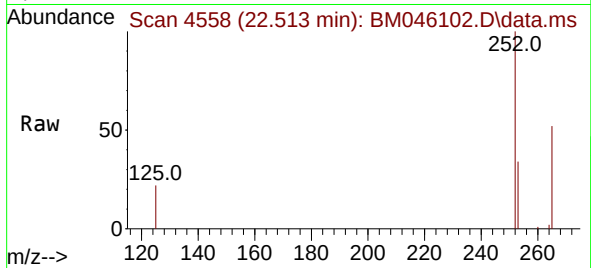




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 22.513 min Scan# 4558
Delta R.T. -0.006 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

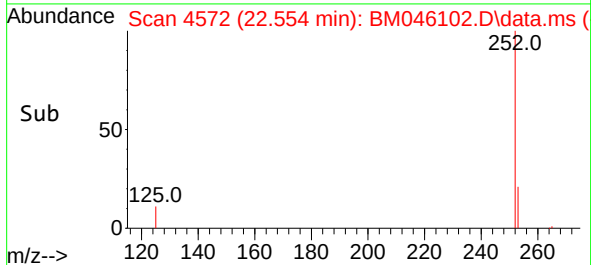
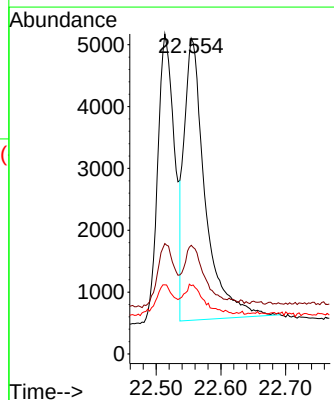
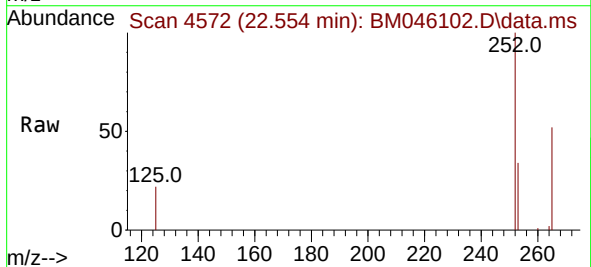
Instrument :
BNA_M
ClientSampleId :
SLCS389

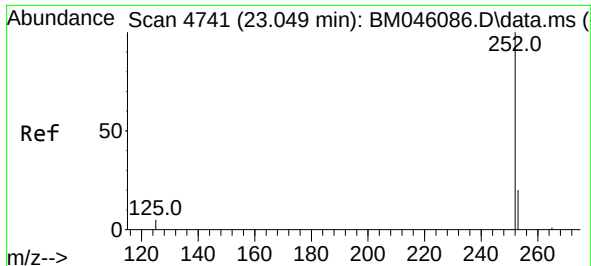
Tgt Ion:252 Resp: 8521
Ion Ratio Lower Upper
252 100
253 34.5 0.0 65.8
125 21.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 22.554 min Scan# 4572
Delta R.T. -0.009 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:252 Resp: 10286
Ion Ratio Lower Upper
252 100
253 34.4 27.2 40.8
125 21.6 16.6 25.0

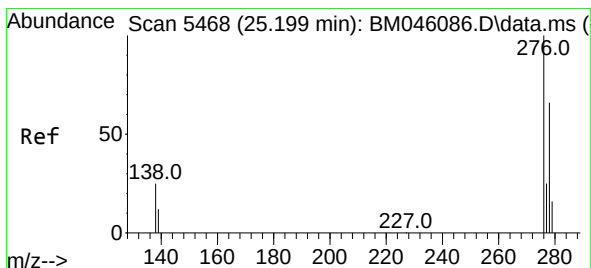
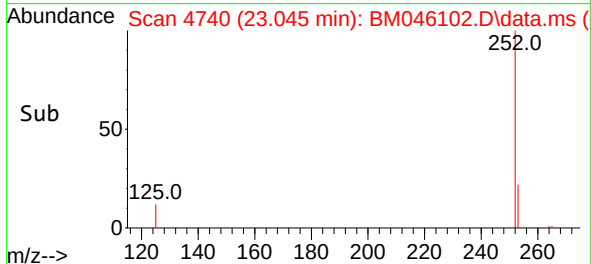
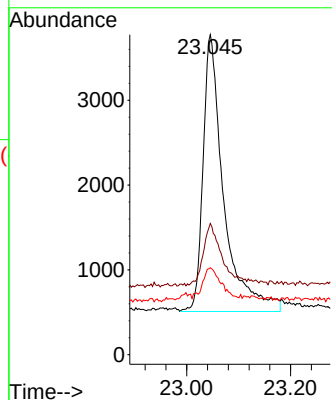
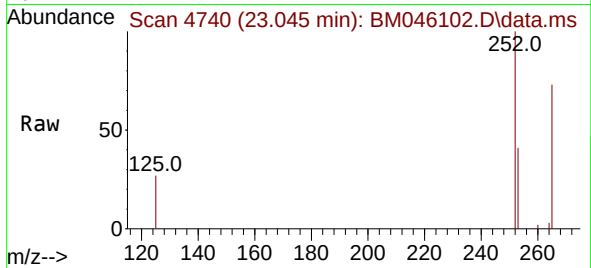




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.045 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

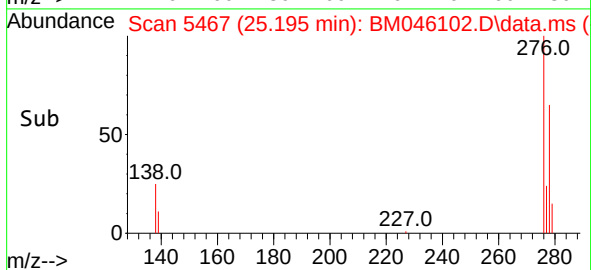
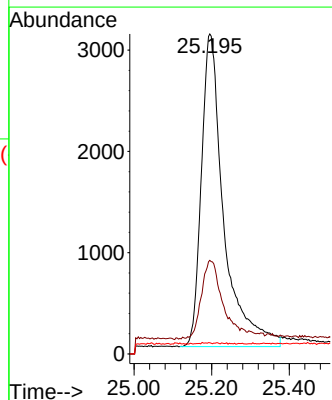
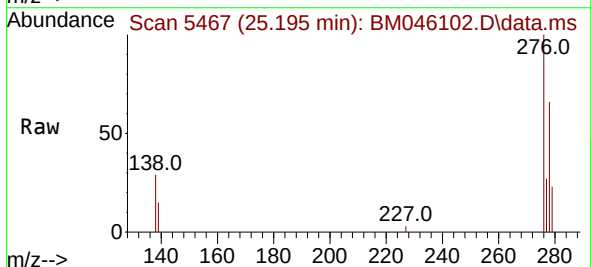
Instrument :
BNA_M
ClientSampleId :
SLCS389

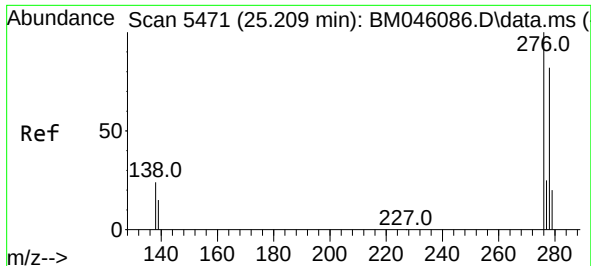
Tgt Ion:252 Resp: 9003
Ion Ratio Lower Upper
252 100
253 41.0 32.1 48.1
125 27.1 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 25.195 min Scan# 5467
Delta R.T. -0.007 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:276 Resp: 12348
Ion Ratio Lower Upper
276 100
138 24.7 21.0 31.4
227 0.0 0.0 0.0

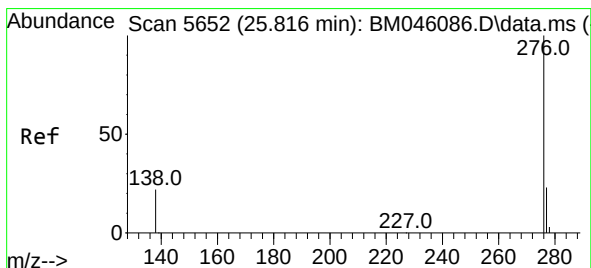
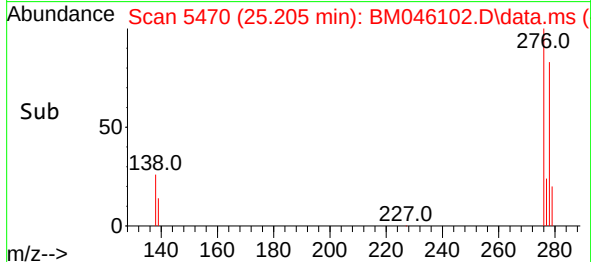
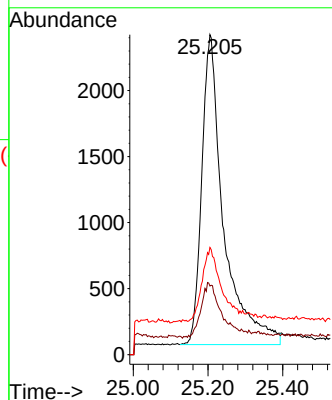
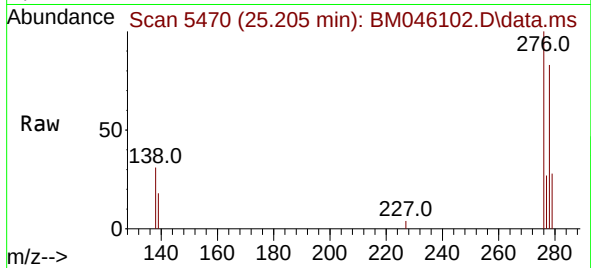




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 25.205 min Scan# 5471
Delta R.T. -0.010 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Instrument :
BNA_M
ClientSampleId :
SLCS389

Tgt Ion:278 Resp: 9497
Ion Ratio Lower Upper
278 100
139 21.4 17.6 26.4
279 33.5 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 25.812 min Scan# 5651
Delta R.T. -0.017 min
Lab File: BM046102.D
Acq: 20 Jun 2024 00:56

Tgt Ion:276 Resp: 10976
Ion Ratio Lower Upper
276 100
138 26.5 21.7 32.5
277 27.0 20.4 30.6

