

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046480.D
 Acq On : 09 Jul 2024 19:21
 Operator : MA/JU
 Sample : PB161757BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS757

Quant Time: Jul 10 00:47:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 08:09:14 2024
 Response via : Initial Calibration

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

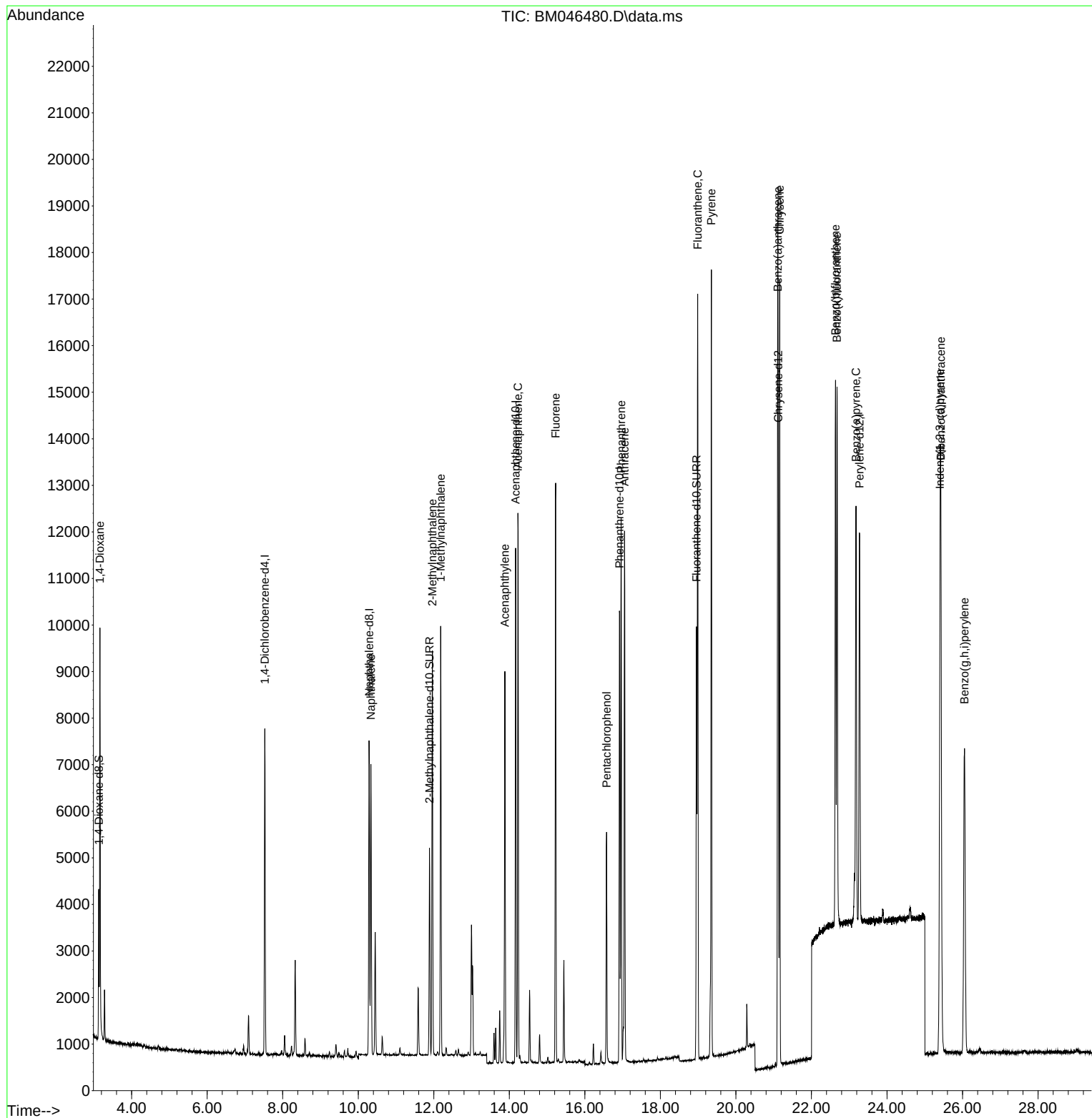
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.286	136	9073	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.168	164	5835	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.920	188	12483	0.400	ng/ul #	0.00
17) Chrysene-d12	21.123	240	9156	0.400	ng/ul #	0.00
23) Perylene-d12	23.271	264	10225	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	1883	0.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.887	152	5514	0.411	ng/ul	0.00
18) Fluoranthene-d10	18.954	212	11424	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.160	88	5071	1.231	ng/ul	89
5) Naphthalene	10.336	128	8281	0.344	ng/ul	99
7) 2-Methylnaphthalene	11.964	142	5884	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.184	142	5867	0.350	ng/ul	100
10) Acenaphthylene	13.881	152	9148	0.309	ng/ul	99
11) Acenaphthene	14.228	153	6463	0.335	ng/ul	99
12) Fluorene	15.227	166	7703	0.338	ng/ul	99
14) Pentachlorophenol	16.574	266	3071	0.843	ng/ul	99
15) Phenanthrene	16.958	178	12208	0.327	ng/ul	99
16) Anthracene	17.051	178	11934	0.329	ng/ul	99
19) Fluoranthene	18.987	202	14444	0.312	ng/ul#	92
20) Pyrene	19.349	202	14984	0.315	ng/ul#	88
21) Benzo(a)anthracene	21.108	228	14016	0.343	ng/ul	99
22) Chrysene	21.158	228	13503	0.332	ng/ul	99
24) Benzo(b)fluoranthene	22.636	252	14432	0.332	ng/ul	95
25) Benzo(k)fluoranthene	22.677	252	14197	0.324	ng/ul#	94
26) Benzo(a)pyrene	23.180	252	12834	0.374	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.404	276	17455	0.376	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.427	278	13796	0.384	ng/ul#	93
29) Benzo(g,h,i)perylene	26.051	276	14019	0.379	ng/ul#	92

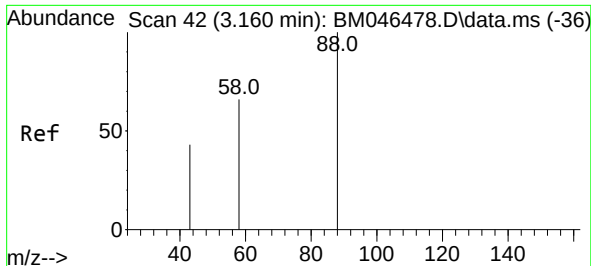
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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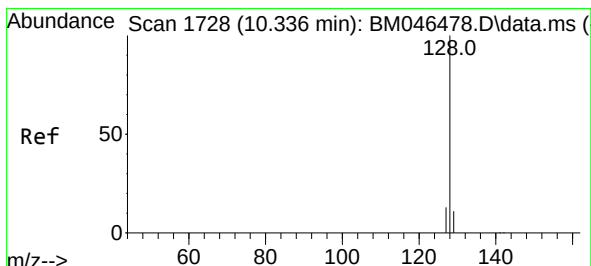
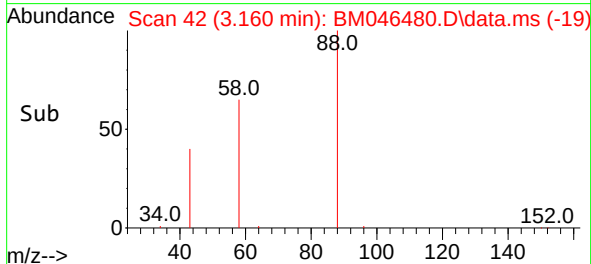
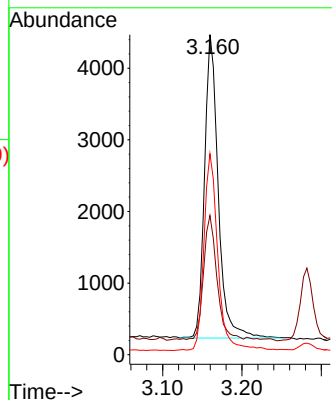
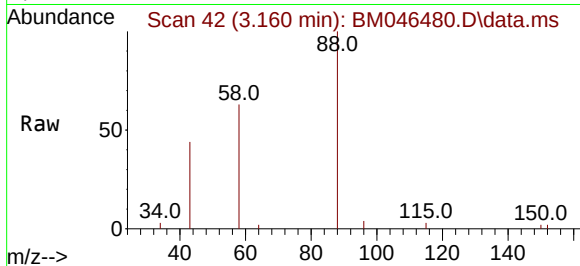




#2
1,4-Dioxane
Concen: 1.231 ng/ul
RT: 3.160 min Scan# 42
Delta R.T. -0.004 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

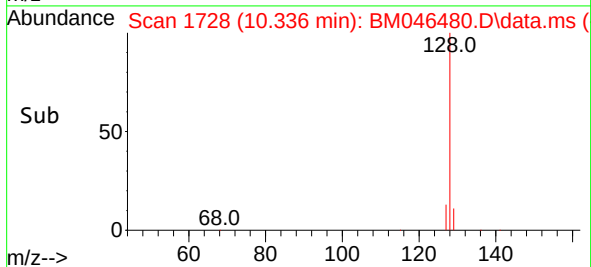
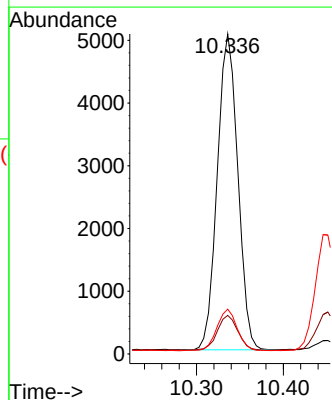
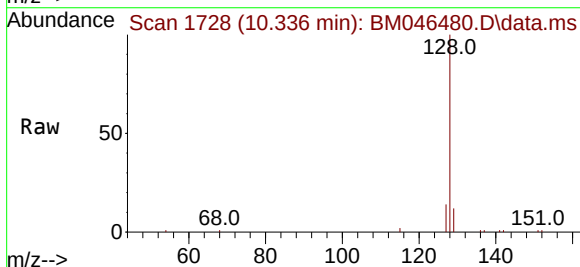
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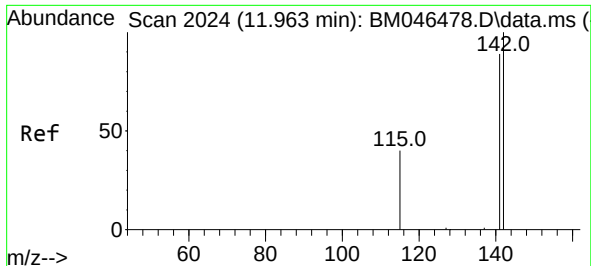
Tgt Ion: 88 Resp: 5071
Ion Ratio Lower Upper
88 100
43 43.5 41.9 62.9
58 62.8 56.5 84.7



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.336 min Scan# 1728
Delta R.T. -0.005 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion: 128 Resp: 8281
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 14.0 10.8 16.2

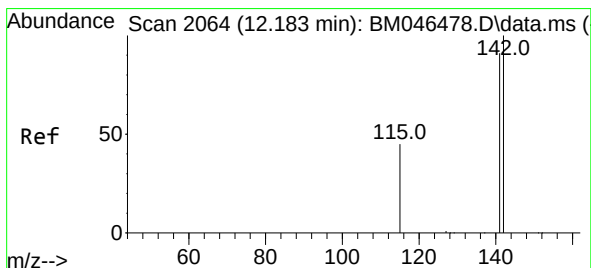
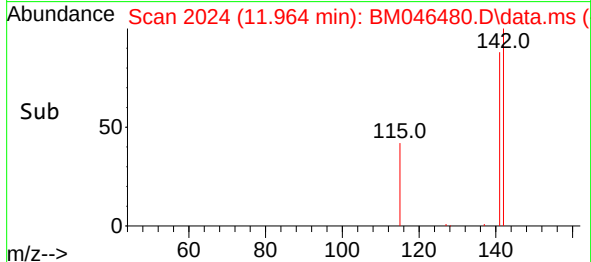
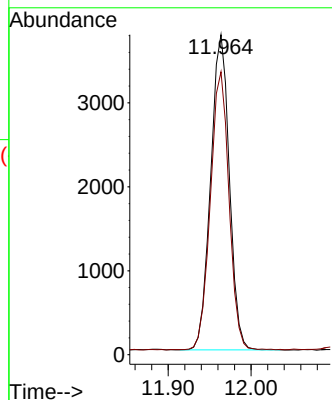
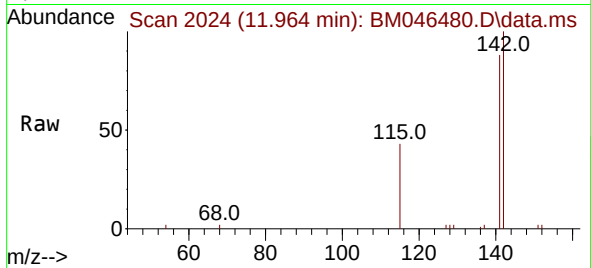




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 11.964 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

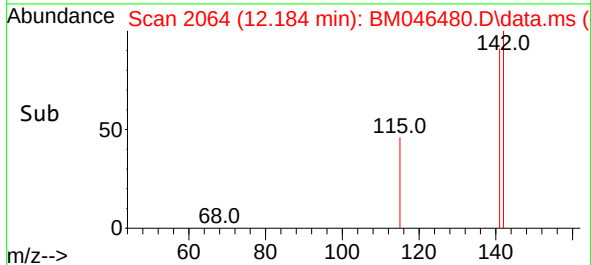
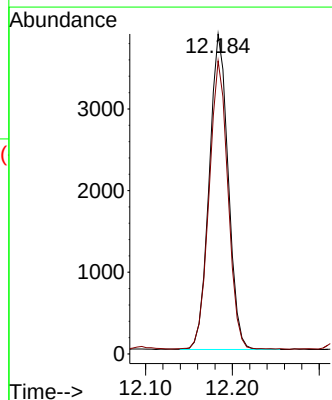
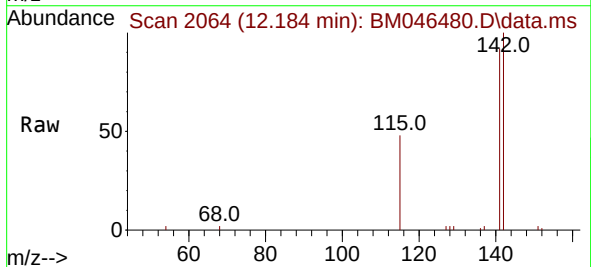
Instrument :
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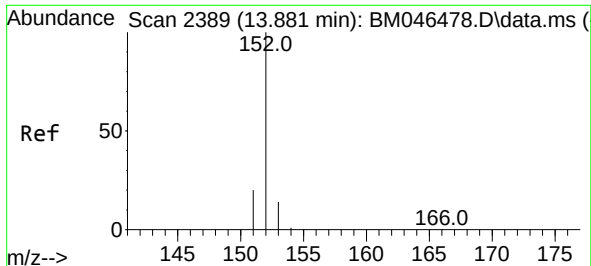
Tgt Ion:142 Resp: 5884
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.184 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:142 Resp: 5867
Ion Ratio Lower Upper
142 100
141 90.4 72.4 108.6

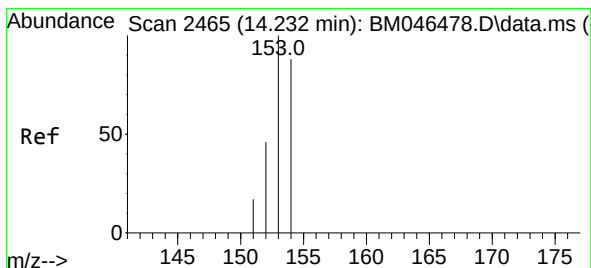
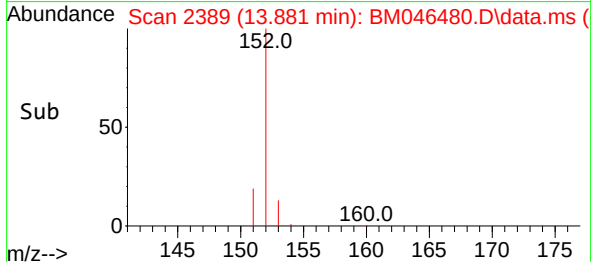
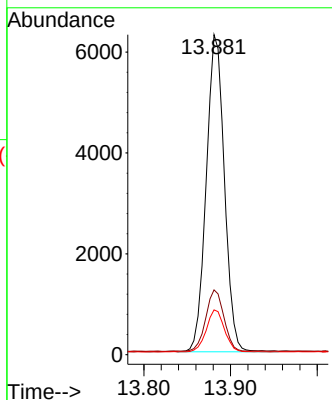
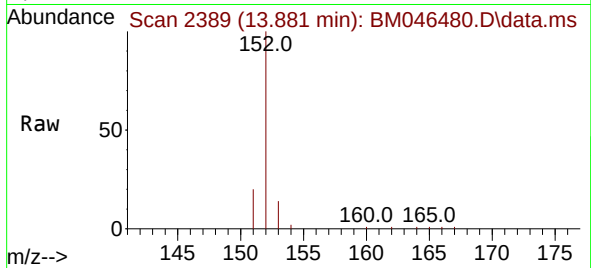




#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 13.881 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

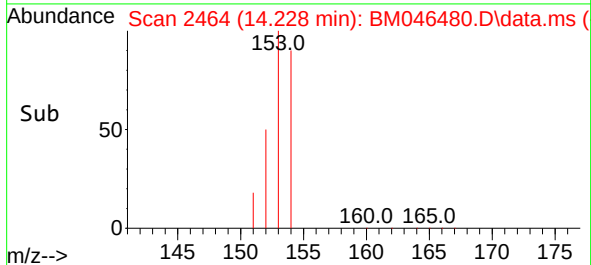
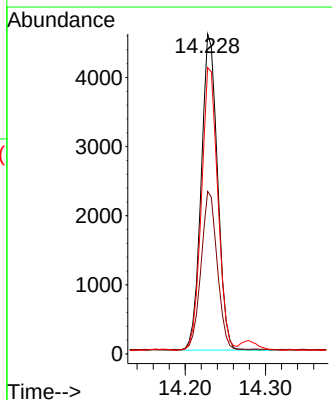
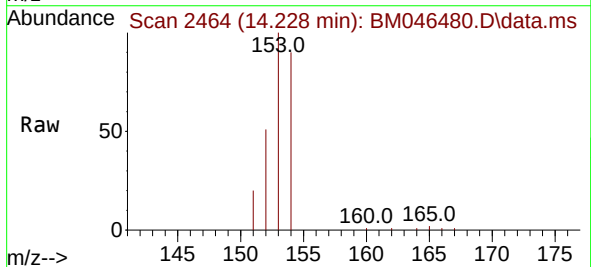
Instrument :
BNA_M
ClientSampleId :
SLCS757

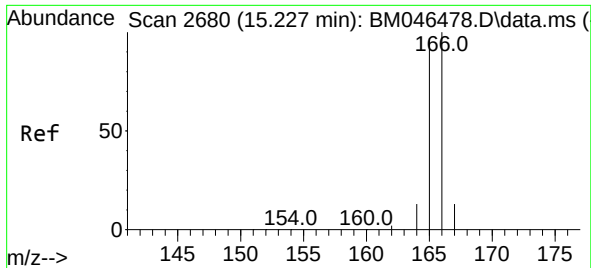
Tgt Ion:152 Resp: 9148
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.0 11.0 16.6



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.228 min Scan# 2464
Delta R.T. -0.004 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:153 Resp: 6463
Ion Ratio Lower Upper
153 100
152 50.8 40.4 60.6
154 89.5 72.1 108.1

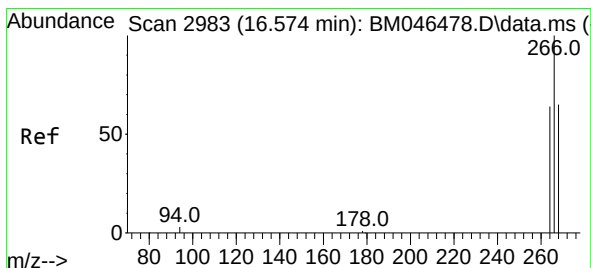
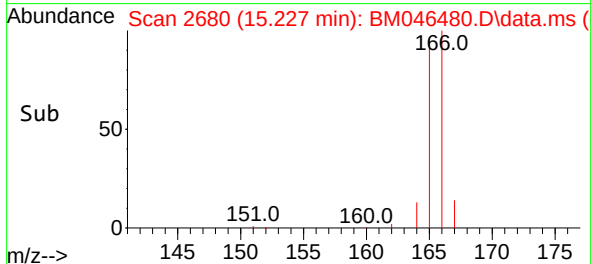
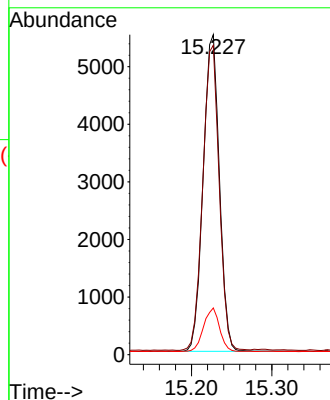
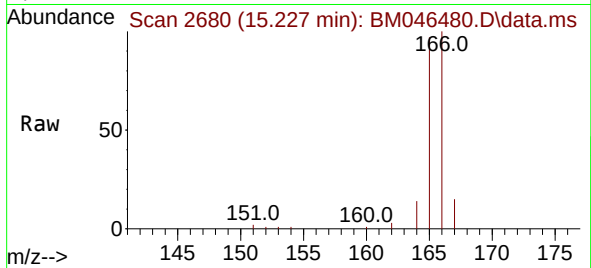




#12
 Fluorene
 Concen: 0.338 ng/ul
 RT: 15.227 min Scan# 2083
 Delta R.T. 0.000 min
 Lab File: BM046480.D
 Acq: 09 Jul 2024 19:21

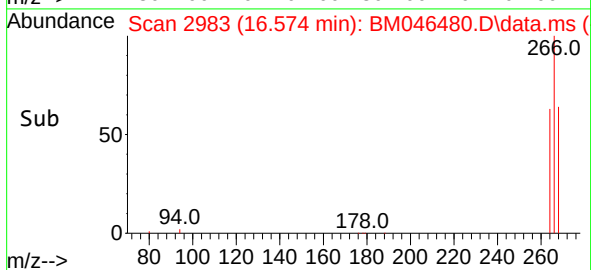
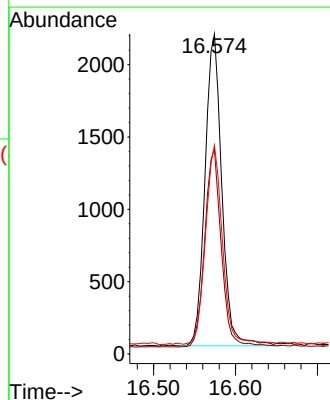
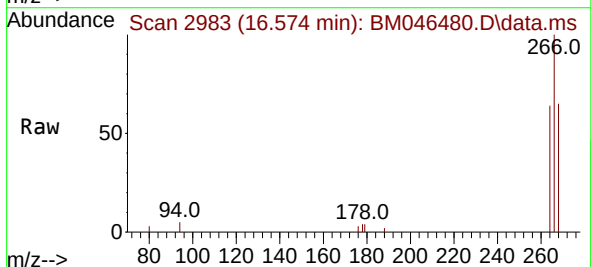
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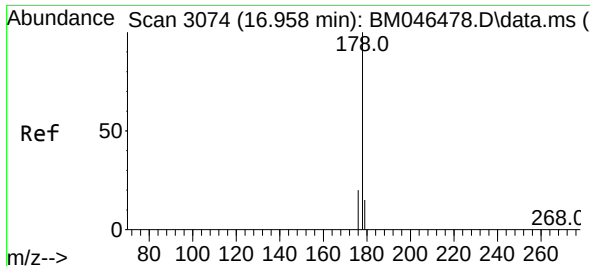
Tgt Ion:	166	Resp:	7703
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	14.6	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.843 ng/ul
 RT: 16.574 min Scan# 2983
 Delta R.T. 0.000 min
 Lab File: BM046480.D
 Acq: 09 Jul 2024 19:21

Tgt Ion:	266	Resp:	3071
Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.0	76.6
268	64.0	50.8	76.2

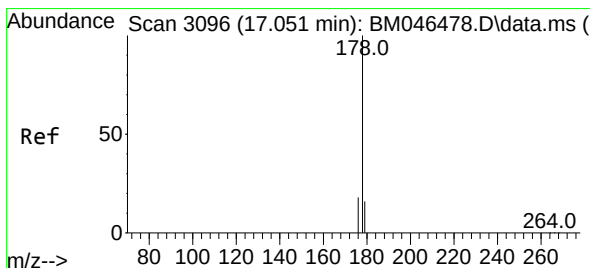
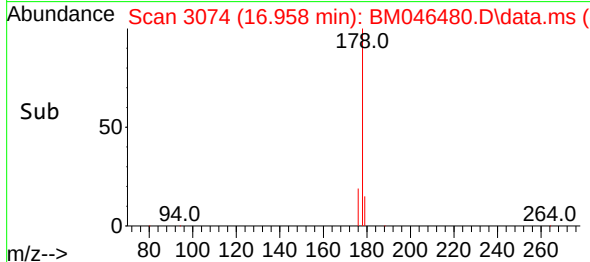
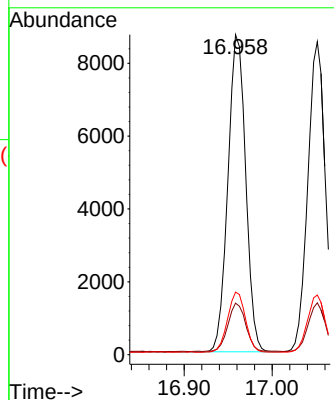
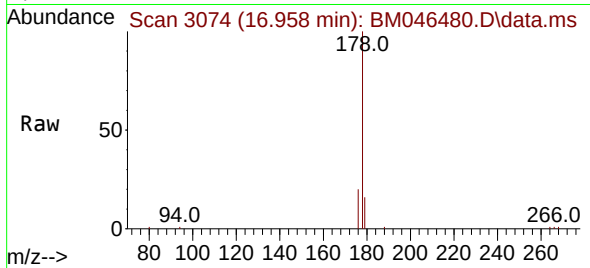




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 16.958 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

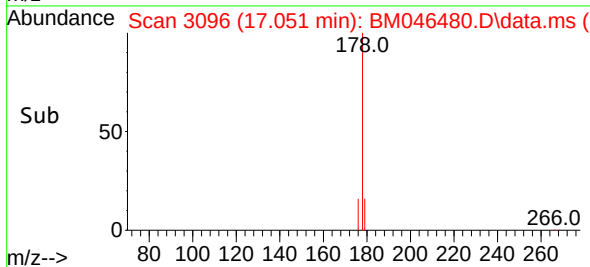
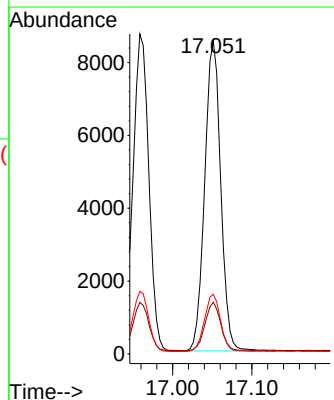
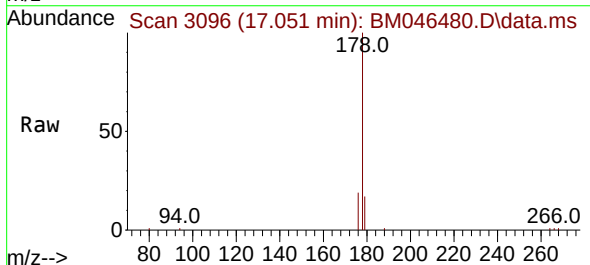
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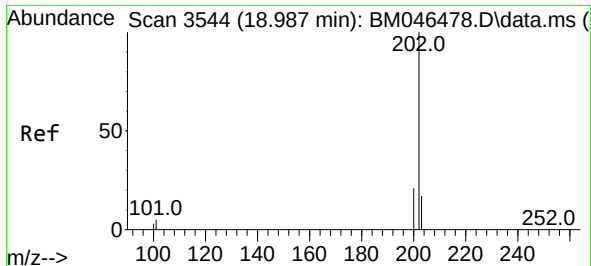
Tgt Ion:	178	Resp:	12208
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	19.5	16.0	24.0



#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.051 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:	178	Resp:	11934
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	18.8
176	19.0	14.9	22.3

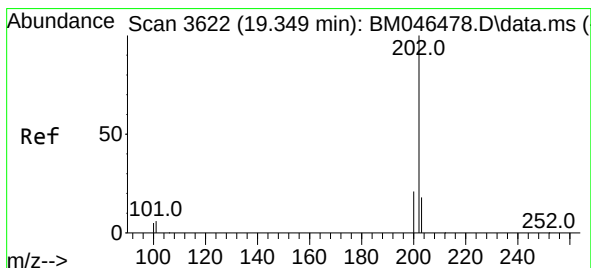
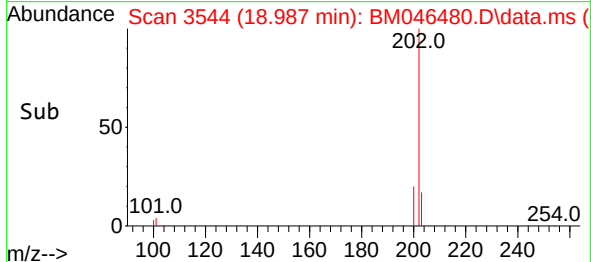
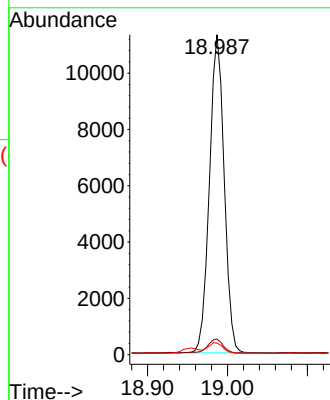
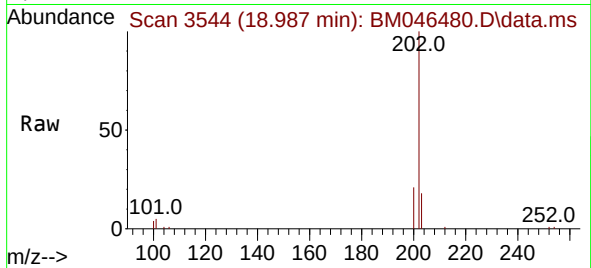




#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 18.987 min Scan# 3544
Delta R.T. -0.004 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

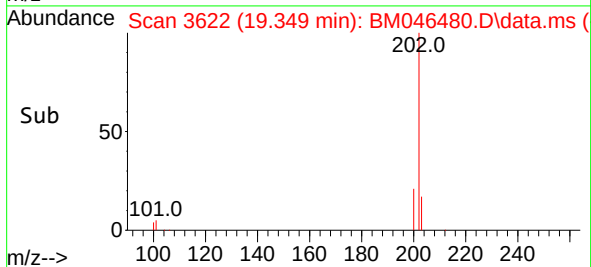
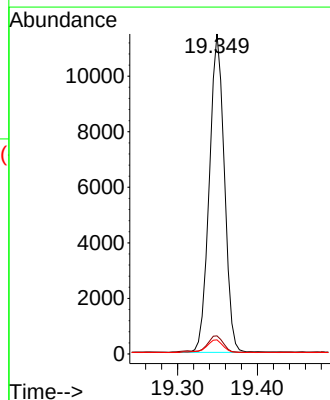
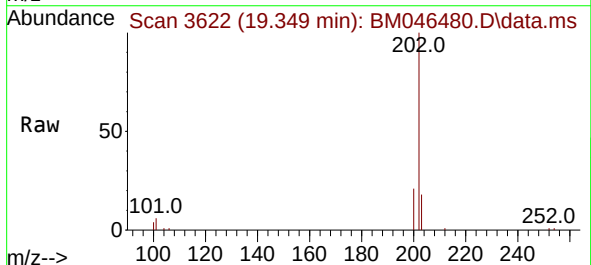
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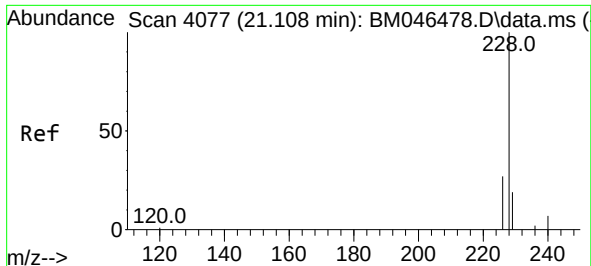
Tgt Ion:202 Resp: 14444
Ion Ratio Lower Upper
202 100
101 4.9 6.3 9.5#
100 3.6 5.0 7.6#



#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.349 min Scan# 3622
Delta R.T. -0.004 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:202 Resp: 14984
Ion Ratio Lower Upper
202 100
101 5.7 8.2 12.4#
100 4.4 6.9 10.3#

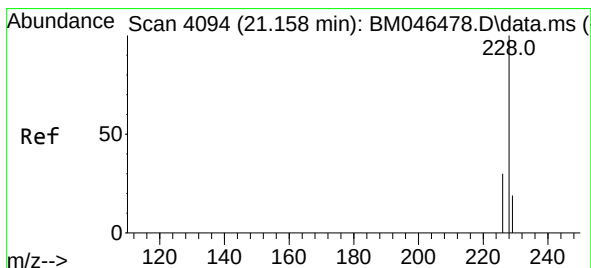
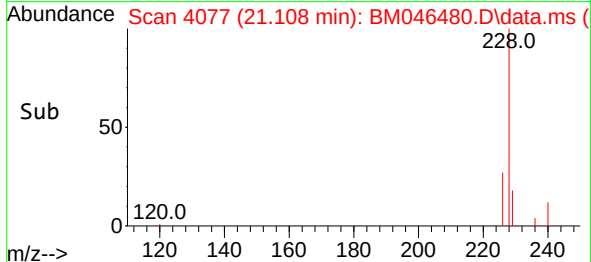
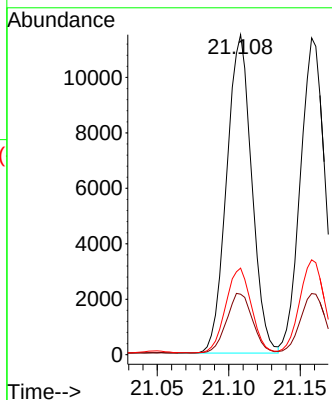
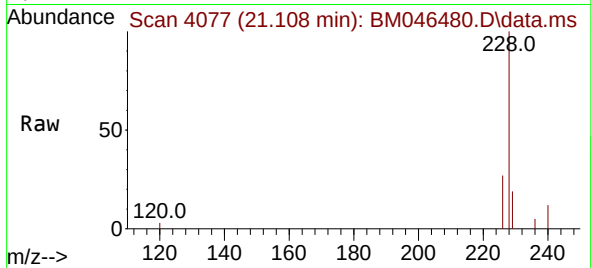




#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. -0.006 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

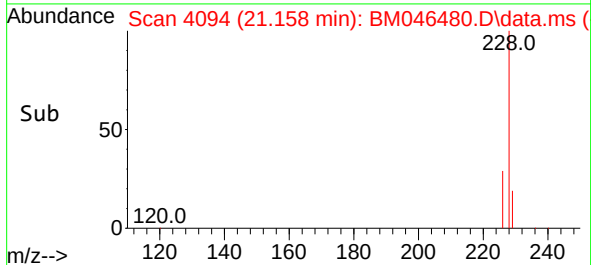
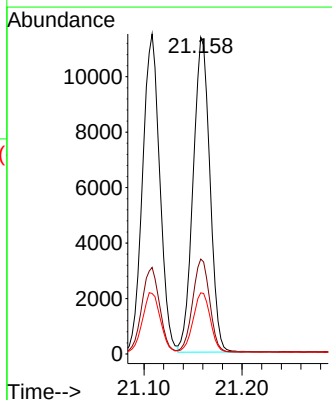
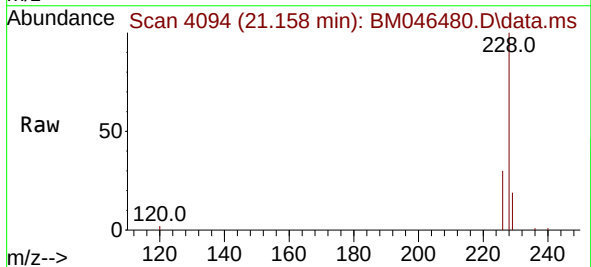
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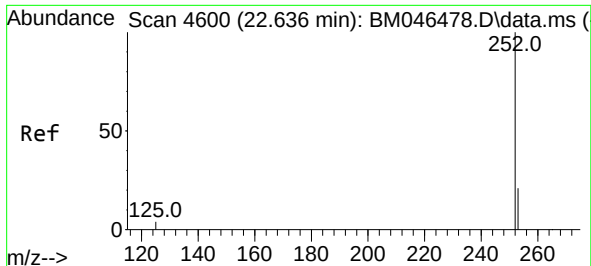
Tgt Ion:228 Resp: 14016
Ion Ratio Lower Upper
228 100
229 18.9 15.8 23.6
226 27.0 22.0 33.0



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.158 min Scan# 4094
Delta R.T. -0.006 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:228 Resp: 13503
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.3 15.8 23.6

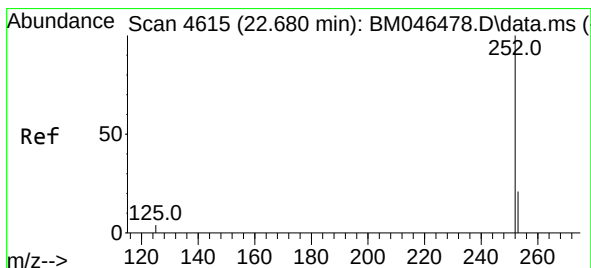
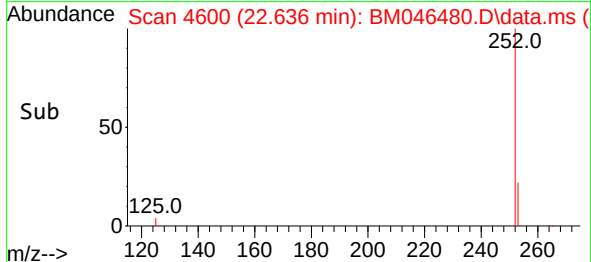
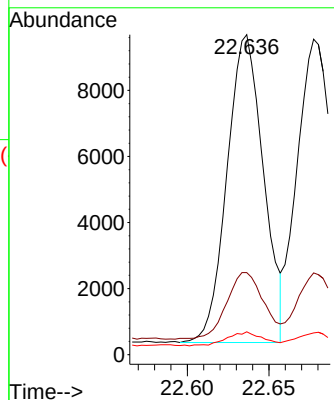
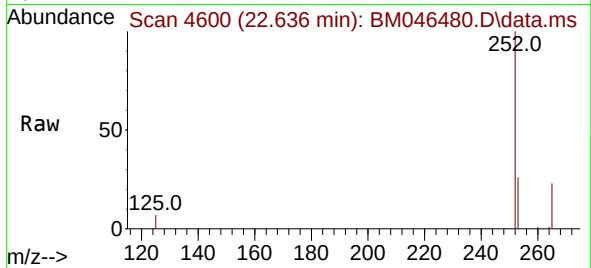




#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

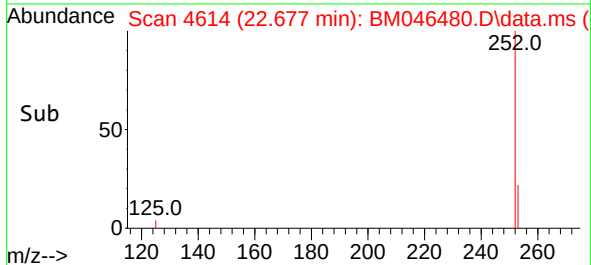
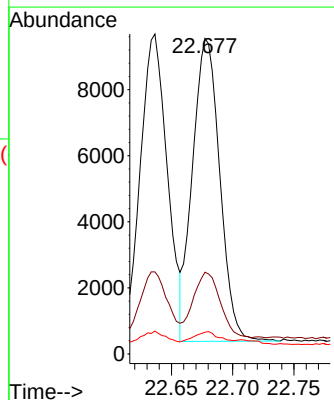
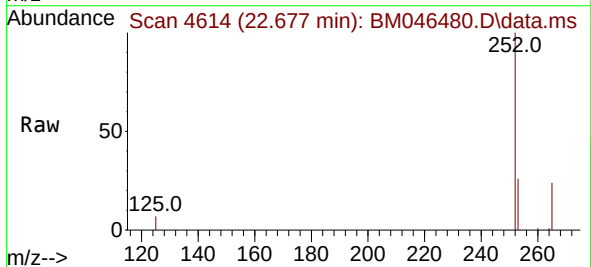
Instrument :
BNA_M
ClientSampleId :
SLCS757

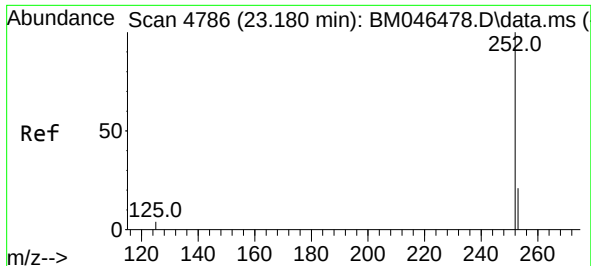
Tgt Ion:	252	Resp:	14432
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	47.0
125	7.2	0.0	18.4



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 22.677 min Scan# 4614
Delta R.T. -0.006 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:	252	Resp:	14197
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.4	27.6
125	6.9	7.5	11.3

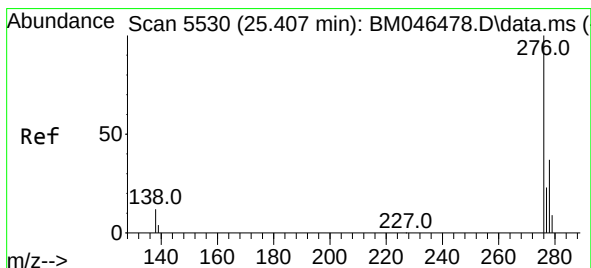
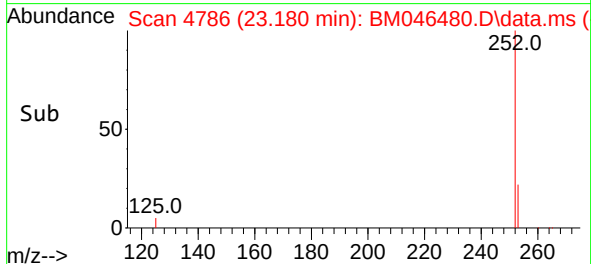
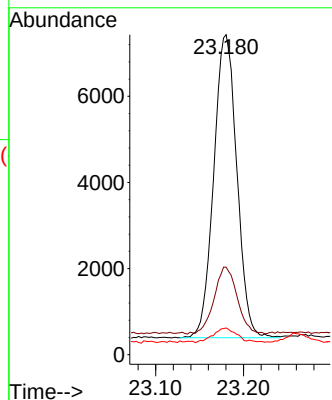
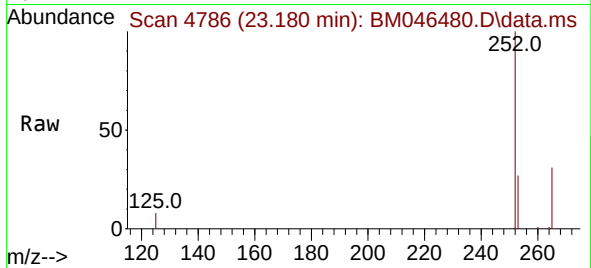




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.180 min Scan# 4786
Delta R.T. -0.006 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

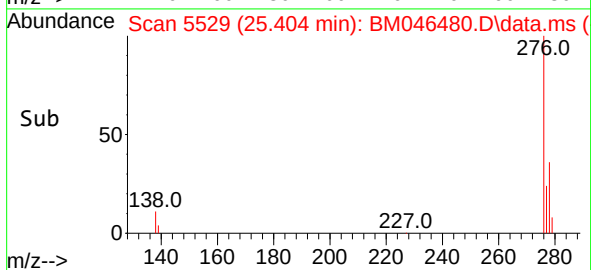
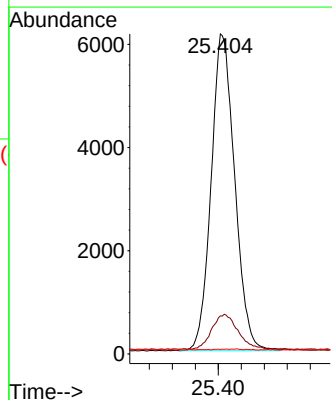
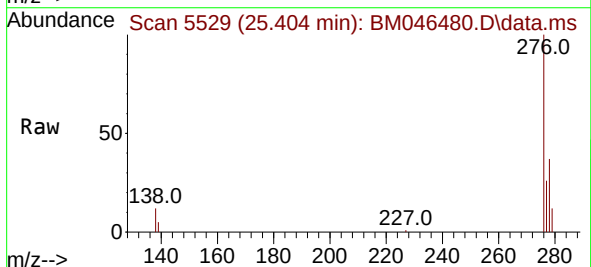
Instrument :
BNA_M
ClientSampleId :
SLCS757

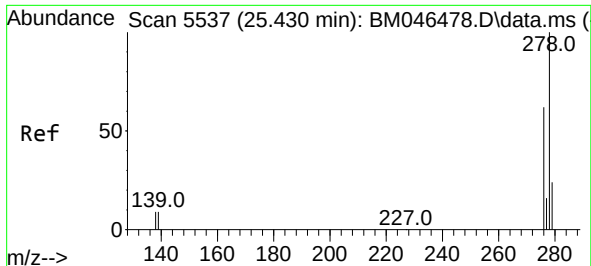
Tgt Ion:252 Resp: 12834
Ion Ratio Lower Upper
252 100
253 27.4 18.9 28.3
125 8.4 8.1 12.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.404 min Scan# 5529
Delta R.T. -0.010 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:276 Resp: 17455
Ion Ratio Lower Upper
276 100
138 0.0 15.7 23.5#
227 0.1 0.1 0.1

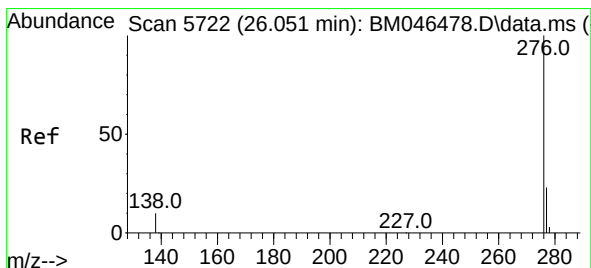
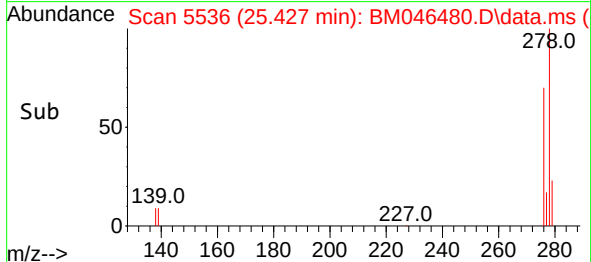
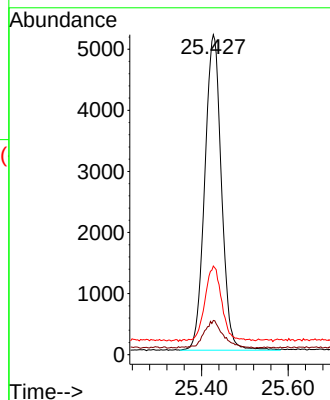
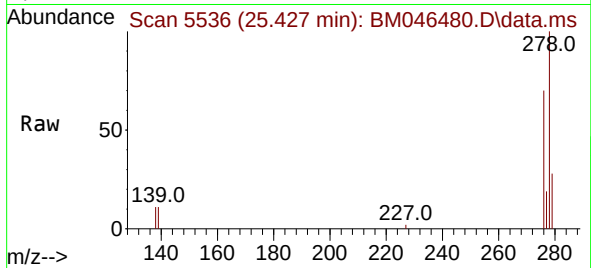




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.427 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Instrument :
BNA_M
ClientSampleId :
SLCS757

Tgt Ion:278 Resp: 13796
Ion Ratio Lower Upper
278 100
139 10.7 12.6 18.8#
279 27.7 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.051 min Scan# 5722
Delta R.T. -0.007 min
Lab File: BM046480.D
Acq: 09 Jul 2024 19:21

Tgt Ion:276 Resp: 14019
Ion Ratio Lower Upper
276 100
138 11.8 15.4 23.0#
277 25.4 19.7 29.5

