

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047676.D
 Acq On : 27 Sep 2024 13:22
 Operator : RC/JU
 Sample : P4187-15MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EY072MSD

Quant Time: Sep 27 13:51:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 16:27:08 2024
 Response via : Initial Calibration

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

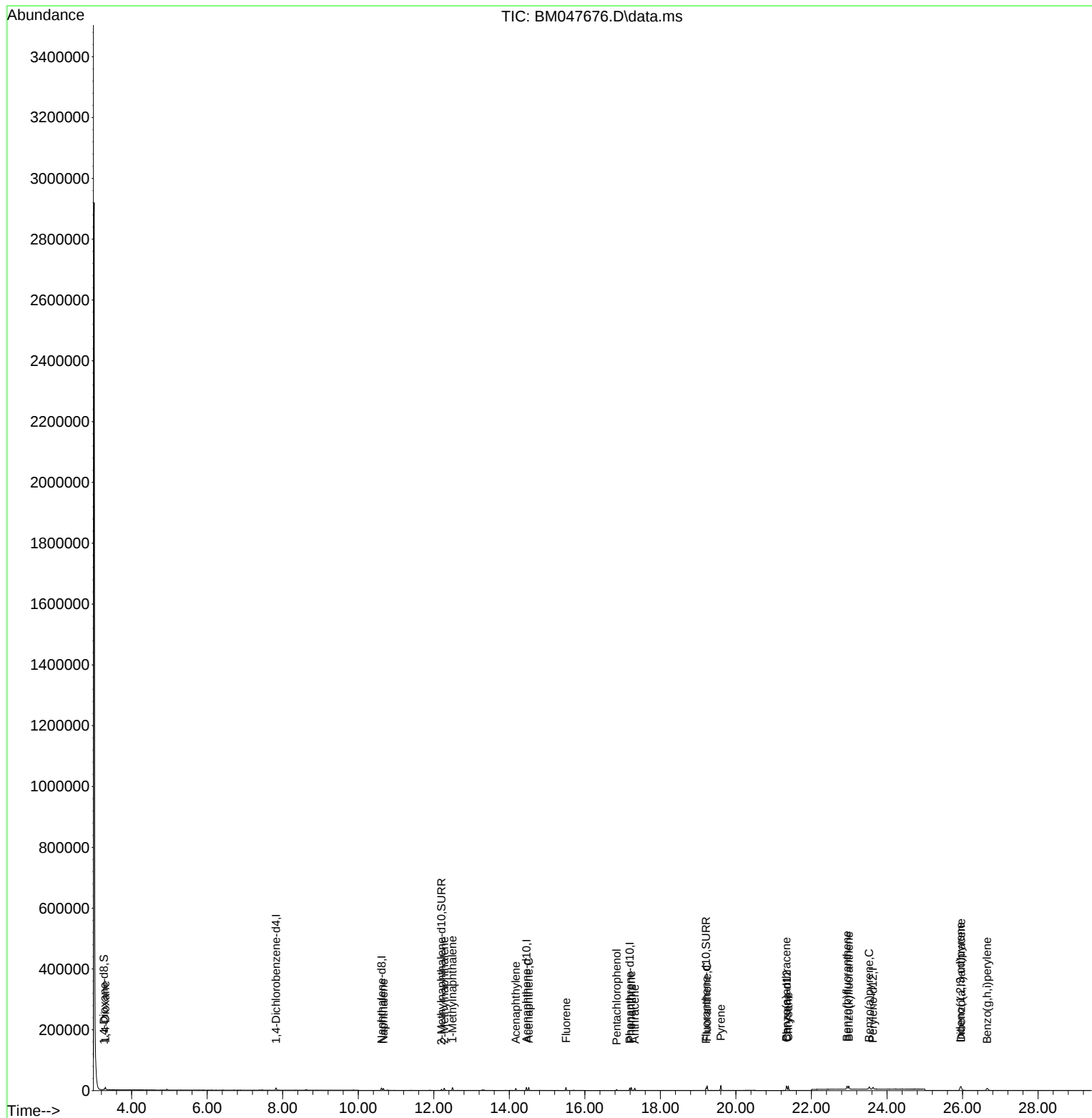
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	3954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	10754	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	5147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	9869	0.400	ng/ul	0.00
17) Chrysene-d12	21.351	240	7838	0.400	ng/ul	0.00
23) Perylene-d12	23.630	264	8766	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	1621	0.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	4182	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.210	212	9297	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.303	88	5676	0.934	ng/ul#	89
5) Naphthalene	10.666	128	9209	0.314	ng/ul	99
7) 2-Methylnaphthalene	12.277	142	5289	0.301	ng/ul	99
8) 1-Methylnaphthalene	12.497	142	6413	0.348	ng/ul	99
10) Acenaphthylene	14.172	152	7491	0.299	ng/ul	99
11) Acenaphthene	14.515	153	5702	0.332	ng/ul	99
12) Fluorene	15.500	166	6257	0.322	ng/ul	98
14) Pentachlorophenol	16.840	266	2167	0.730	ng/ul	100
15) Phenanthrene	17.229	178	10312	0.352	ng/ul	99
16) Anthracene	17.322	178	8795	0.337	ng/ul	99
19) Fluoranthene	19.238	202	12592	0.382	ng/ul	99
20) Pyrene	19.600	202	13408	0.382	ng/ul	99
21) Benzo(a)anthracene	21.336	228	11758	0.355	ng/ul	100
22) Chrysene	21.389	228	13018	0.378	ng/ul	100
24) Benzo(b)fluoranthene	22.943	252	13779	0.361	ng/ul	97
25) Benzo(k)fluoranthene	22.987	252	14662	0.382	ng/ul	99
26) Benzo(a)pyrene	23.528	252	12490	0.415	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.944	276	18481	0.386	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.964	278	14260	0.395	ng/ul	98
29) Benzo(g,h,i)perylene	26.651	276	15364	0.400	ng/ul	99

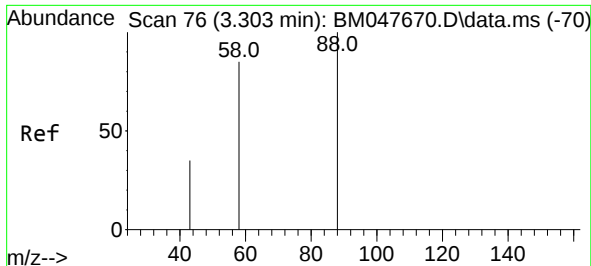
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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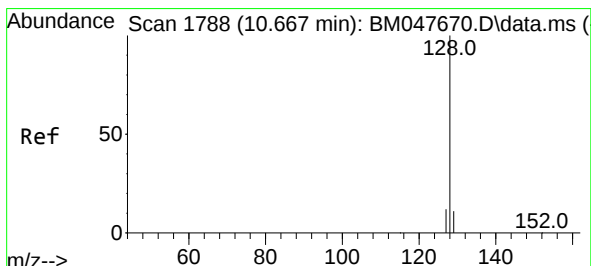
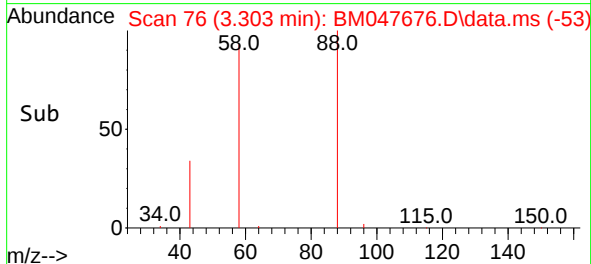
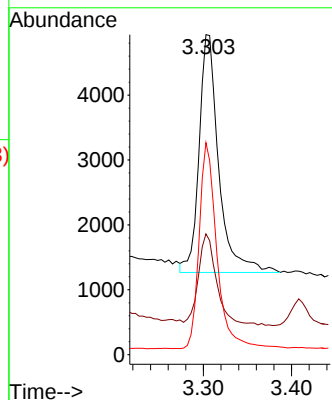
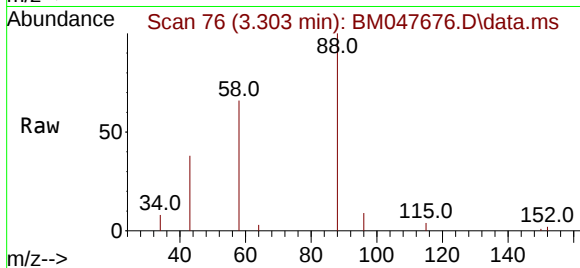




#2
1,4-Dioxane
Concen: 0.934 ng/ul
RT: 3.303 min Scan# 76
Delta R.T. -0.004 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

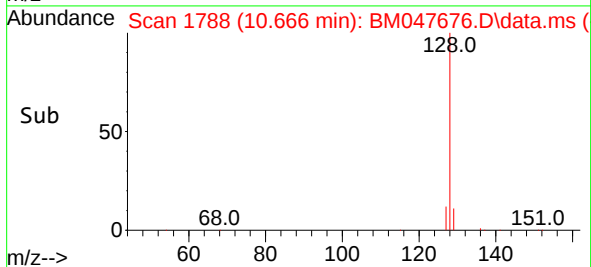
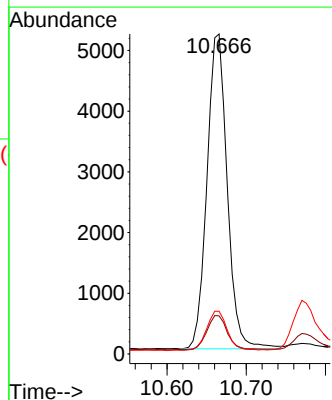
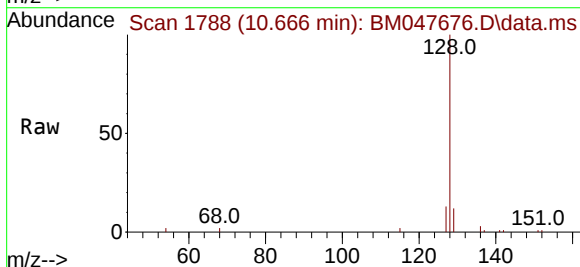
Instrument :
BNA_M
ClientSampleId :
EY072MSD

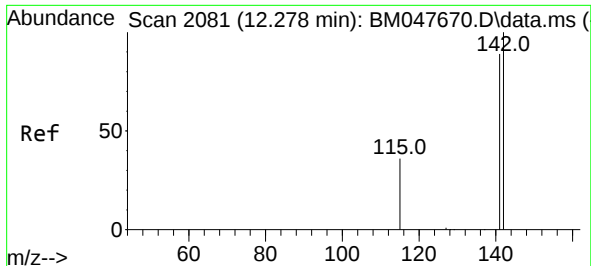
Tgt Ion: 88 Resp: 5676
Ion Ratio Lower Upper
88 100
43 37.8 30.9 46.3
58 66.2 42.5 63.7#



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.007 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion: 128 Resp: 9209
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.4 10.4 15.6

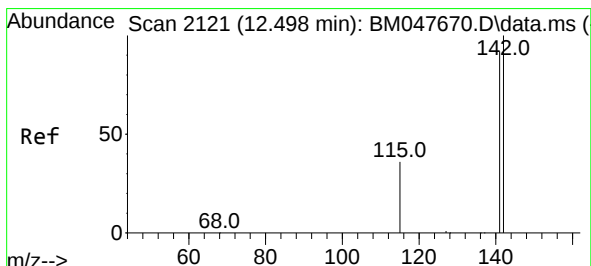
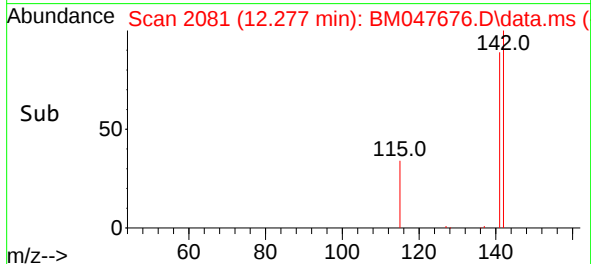
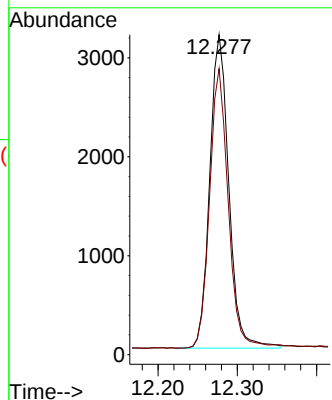
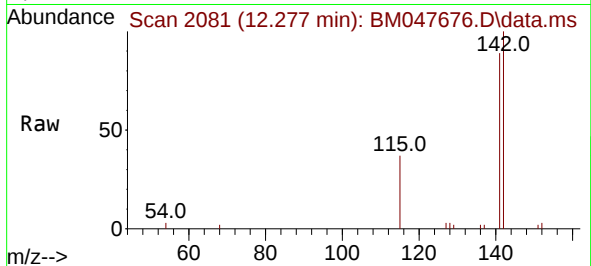




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.277 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

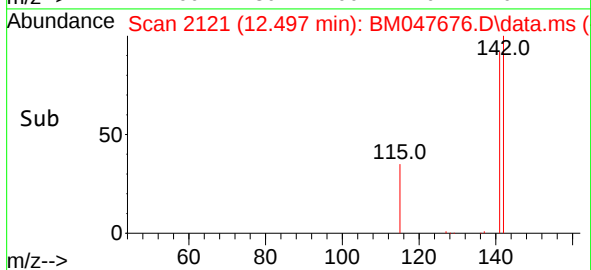
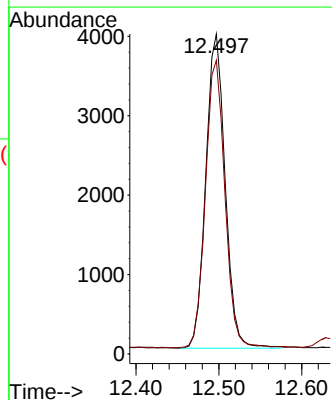
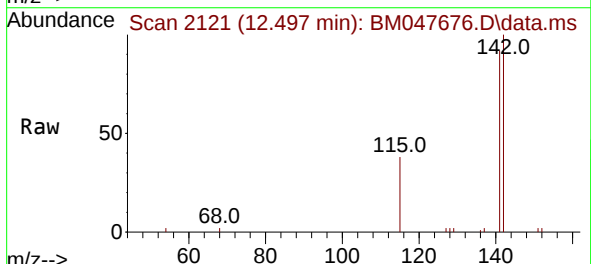
Instrument :
BNA_M
ClientSampleId :
EY072MSD

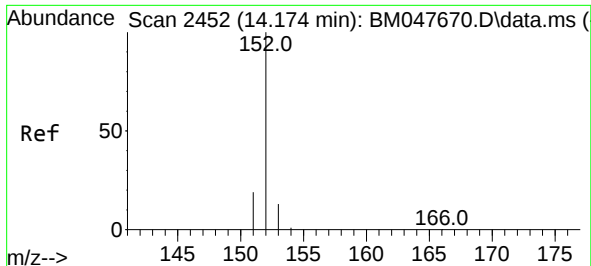
Tgt Ion:142 Resp: 5289
Ion Ratio Lower Upper
142 100
141 87.3 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:142 Resp: 6413
Ion Ratio Lower Upper
142 100
141 92.1 72.9 109.3

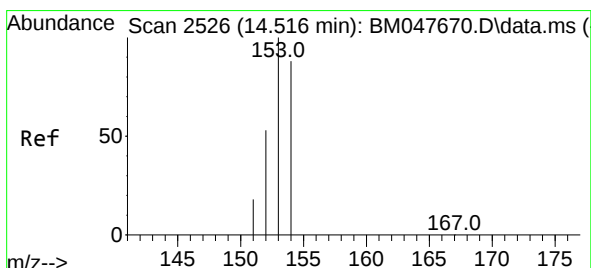
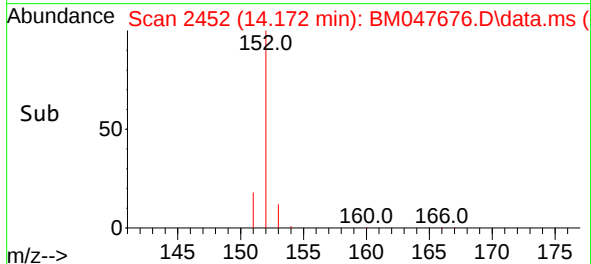
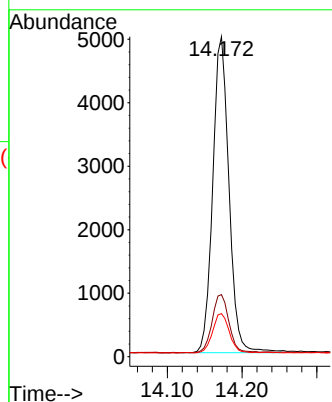
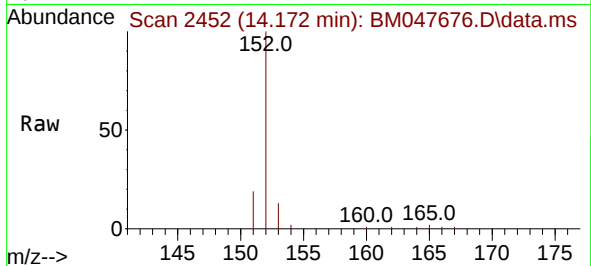




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

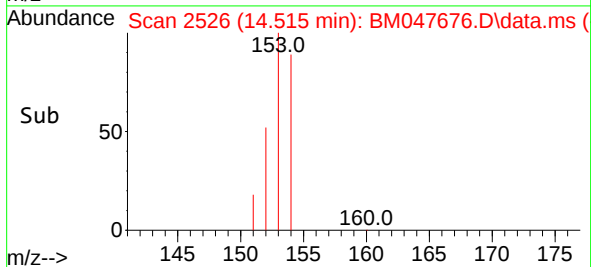
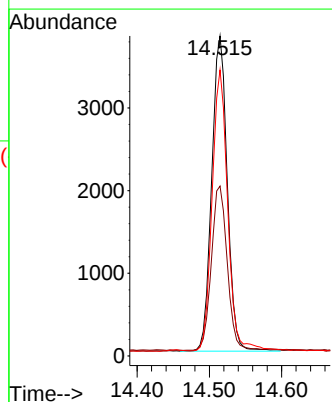
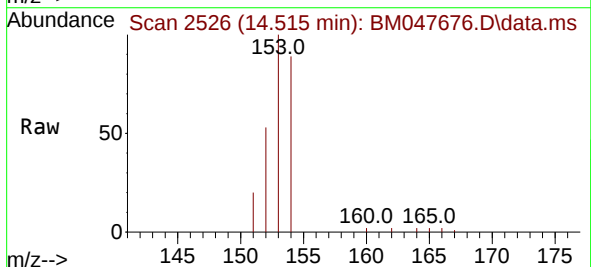
Instrument :
BNA_M
ClientSampleId :
EY072MSD

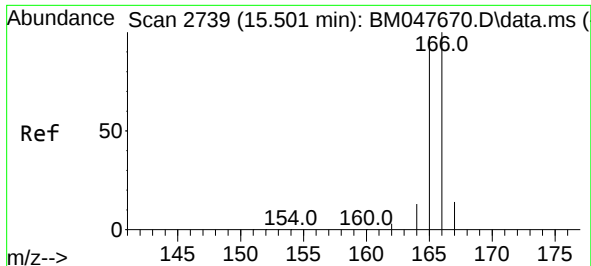
Tgt Ion:	152	Resp:	7491
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.1	24.1
153	13.5	10.7	16.1



#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:	153	Resp:	5702
Ion Ratio	Lower	Upper	
153	100		
152	53.1	41.7	62.5
154	89.4	71.2	106.8

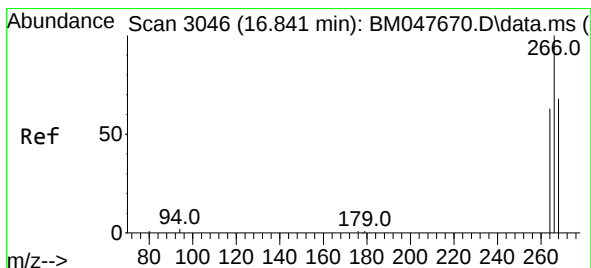
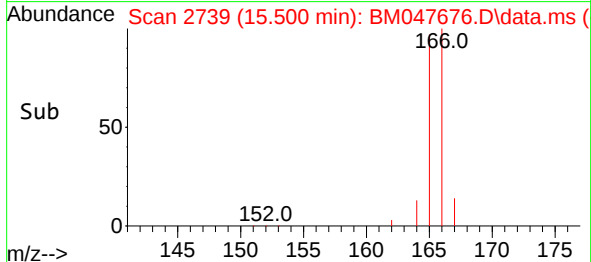
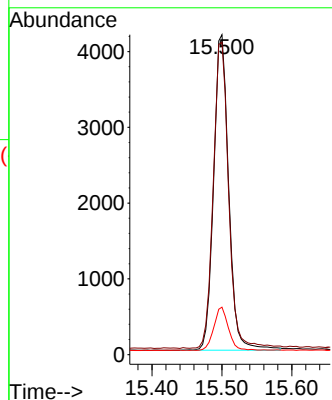
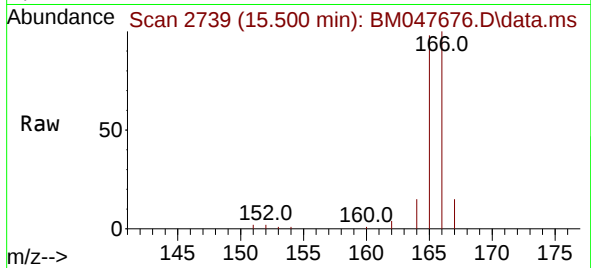




#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

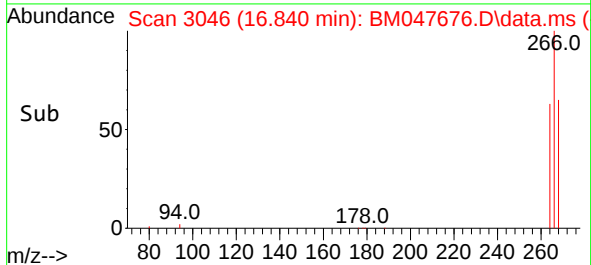
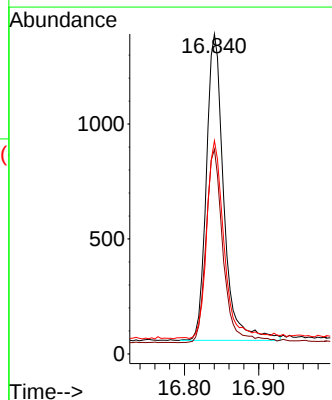
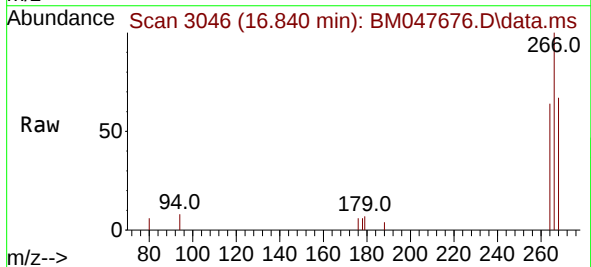
Instrument :
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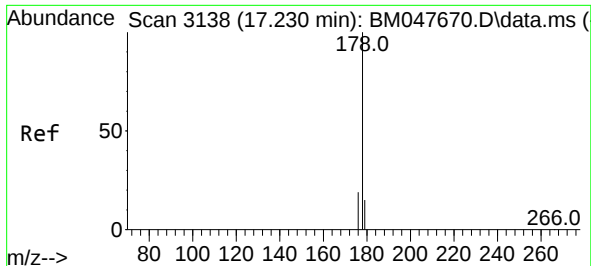
Tgt Ion:166 Resp: 6257
Ion Ratio Lower Upper
166 100
165 97.6 79.4 119.2
167 14.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.730 ng/ul
RT: 16.840 min Scan# 3046
Delta R.T. -0.010 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:266 Resp: 2167
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.8
268 64.1 51.2 76.8

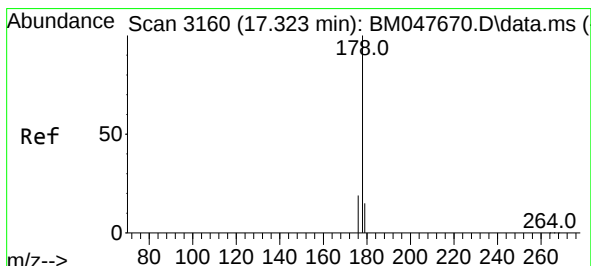
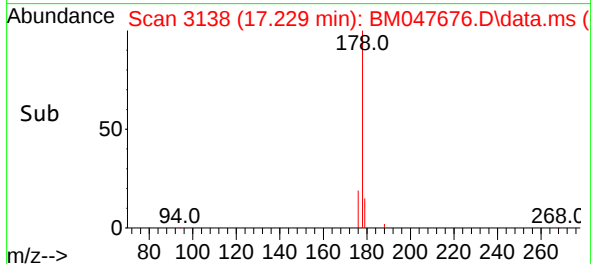
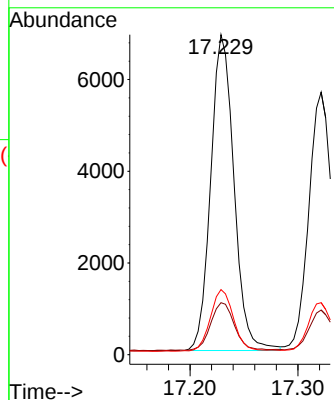
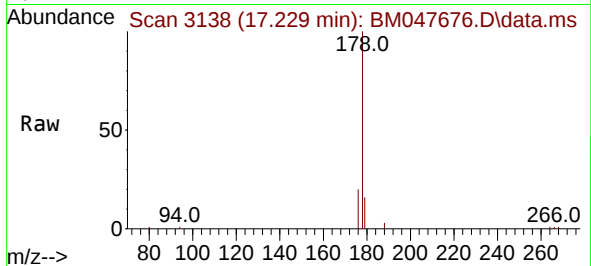




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.229 min Scan# 3138
Delta R.T. -0.010 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

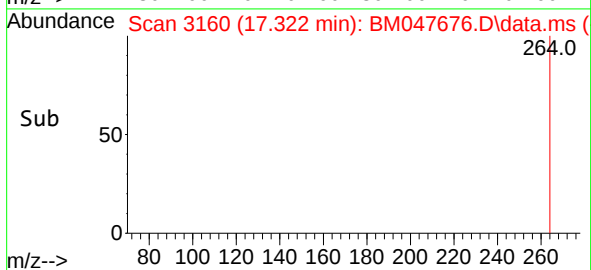
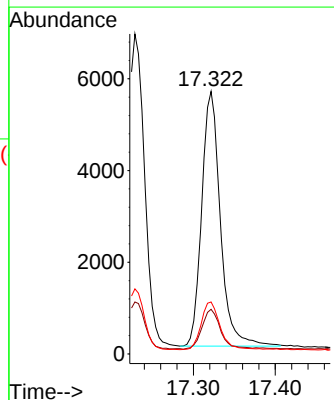
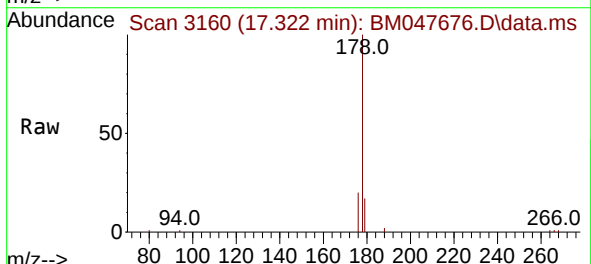
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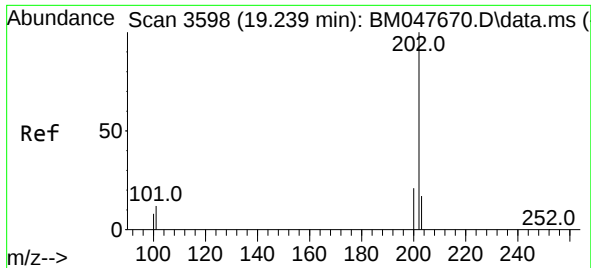
Tgt Ion:178	Resp:	10312
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.0 19.6
176	20.3	15.9 23.9



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.322 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:178	Resp:	8795
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.0 19.4
176	19.8	15.4 23.2

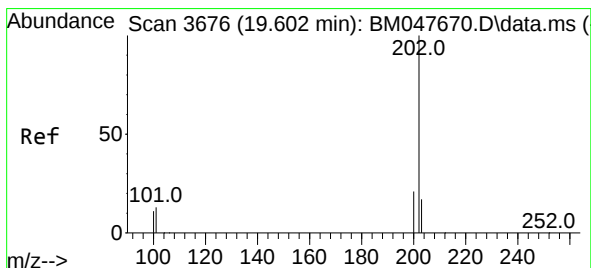
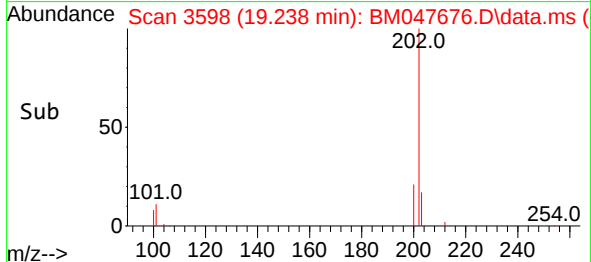
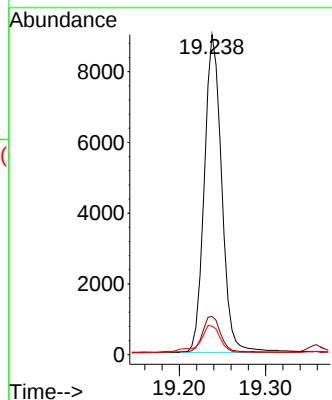
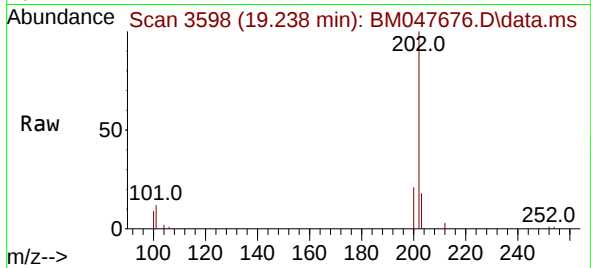




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.238 min Scan# 3598
Delta R.T. -0.006 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

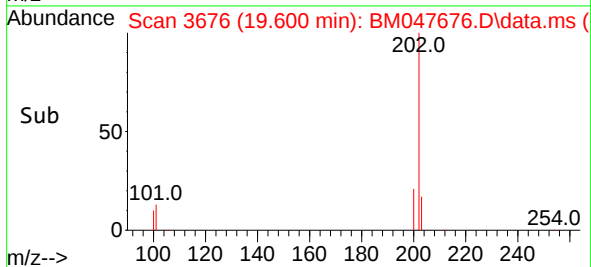
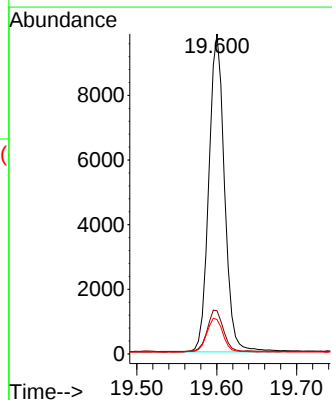
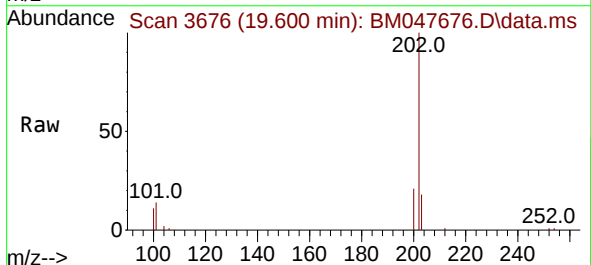
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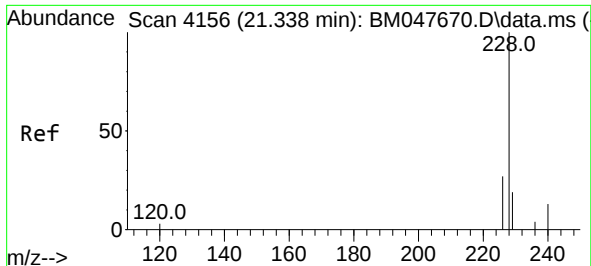
Tgt Ion:202 Resp: 12592
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 8.9 7.4 11.2



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.600 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:202 Resp: 13408
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 10.8 8.2 12.2

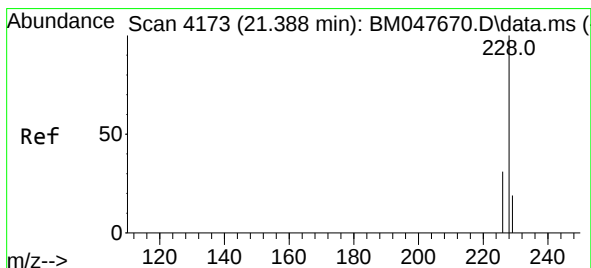
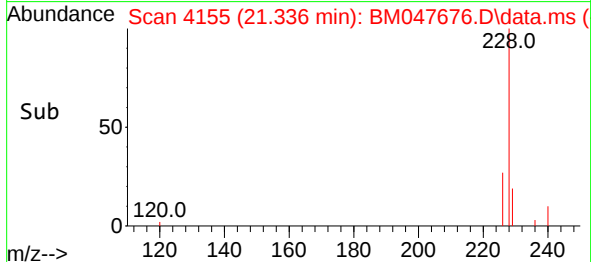
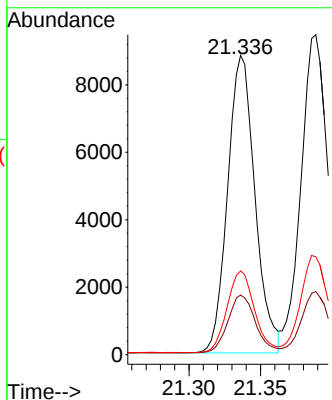
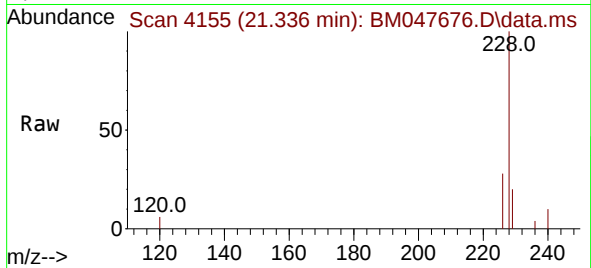




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.336 min Scan# 4155
Delta R.T. -0.005 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

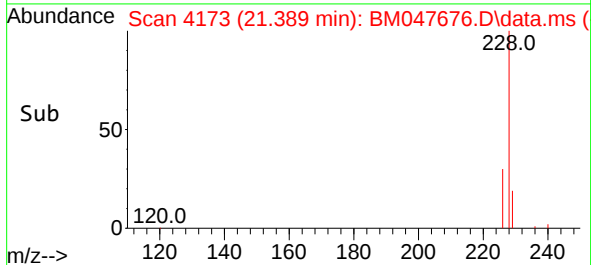
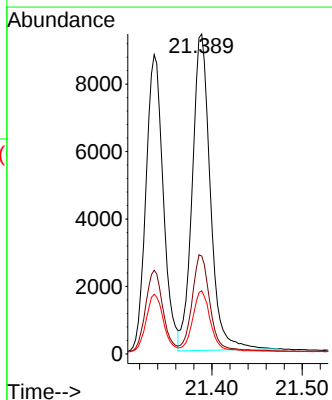
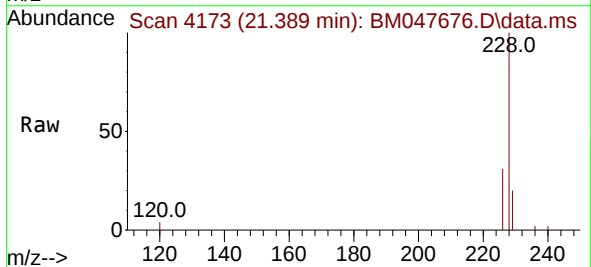
Instrument :
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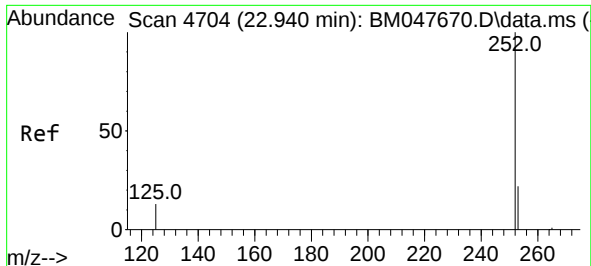
Tgt Ion:228 Resp: 11758
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.389 min Scan# 4173
Delta R.T. -0.005 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:228 Resp: 13018
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.8 15.7 23.5

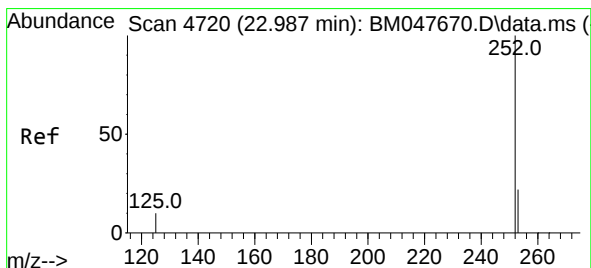
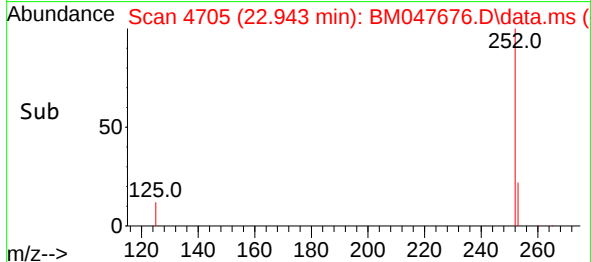
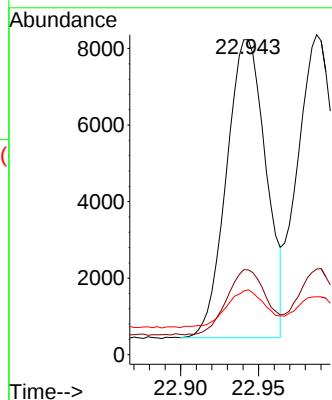
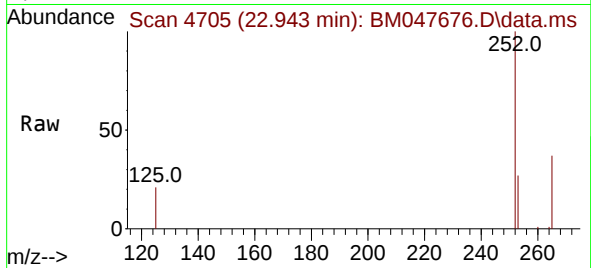




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 22.943 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

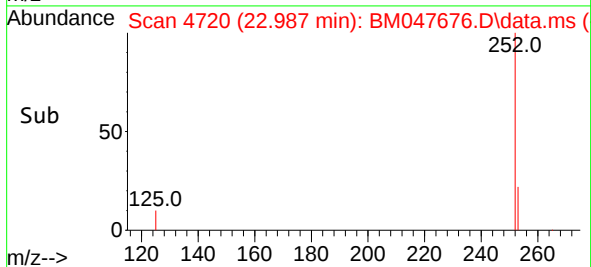
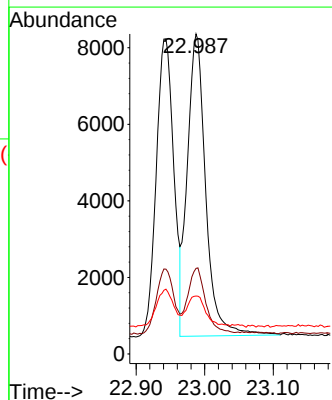
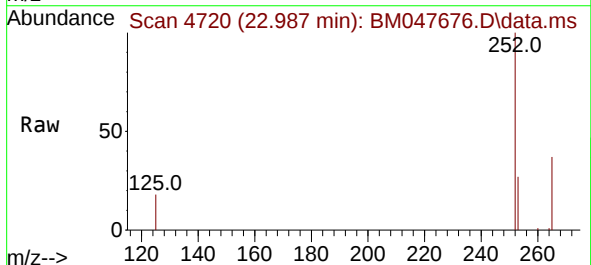
Instrument :
BNA_M
ClientSampleId :
EY072MSD

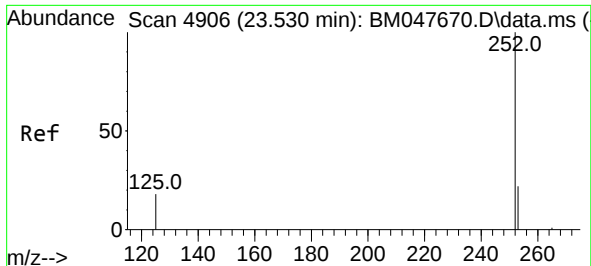
Tgt Ion:252 Resp: 13779
Ion Ratio Lower Upper
252 100
253 26.9 0.0 52.4
125 20.6 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 22.987 min Scan# 4720
Delta R.T. -0.005 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:252 Resp: 14662
Ion Ratio Lower Upper
252 100
253 26.8 21.0 31.6
125 18.1 14.6 21.8

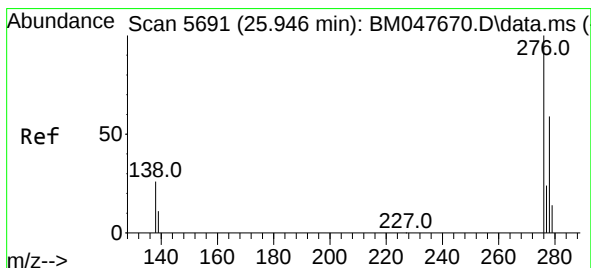
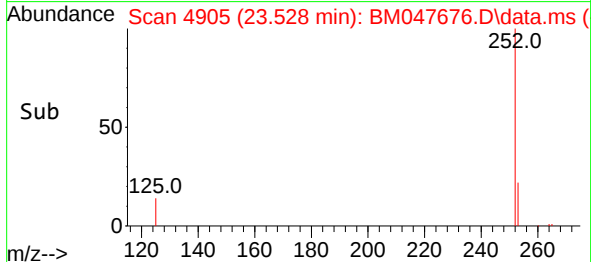
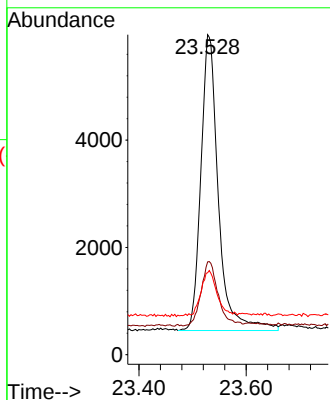
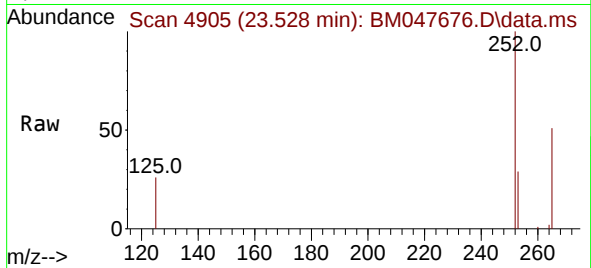




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.528 min Scan# 4905
Delta R.T. -0.005 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

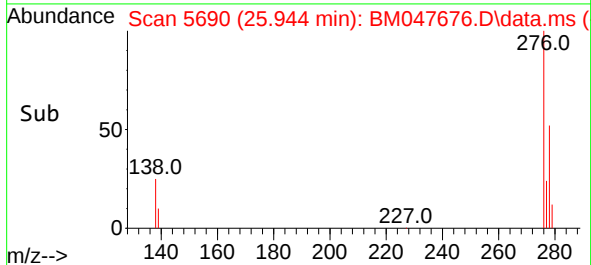
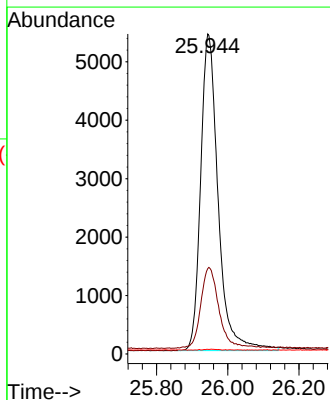
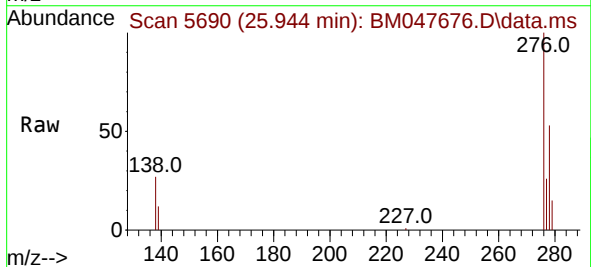
Instrument :
BNA_M
ClientSampleId :
EY072MSD

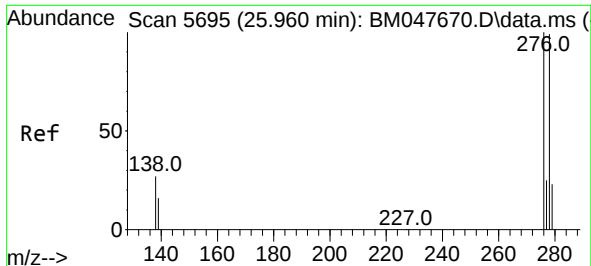
Tgt Ion:	252	Resp:	12490
Ion Ratio	Lower	Upper	
252	100		
253	29.0	23.0	34.4
125	25.6	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.944 min Scan# 5690
Delta R.T. -0.016 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:	276	Resp:	18481
Ion Ratio	Lower	Upper	
276	100		
138	26.5	22.0	33.0
227	0.2	0.2	0.4

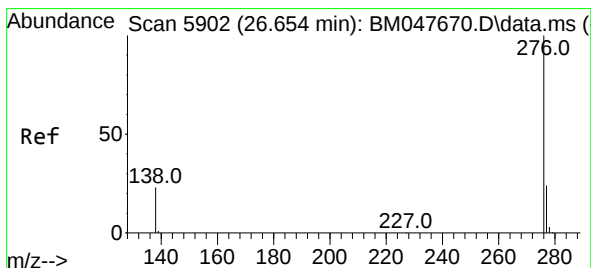
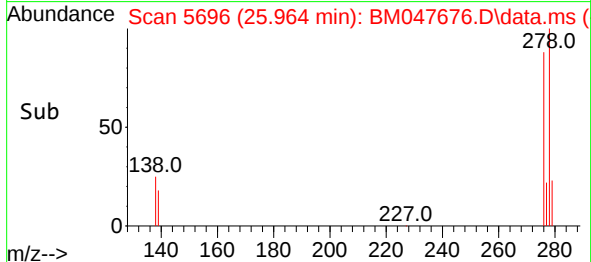
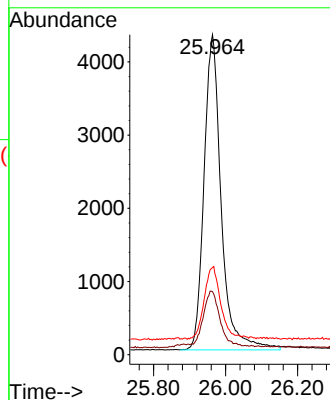
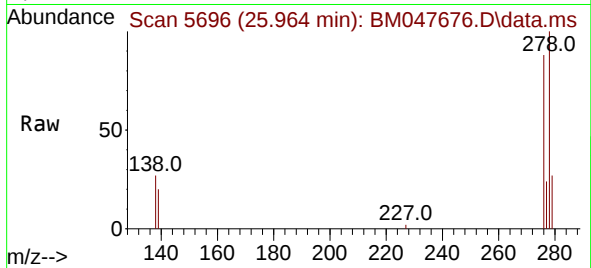




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 25.964 min Scan# 5696
Delta R.T. -0.010 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Instrument :
BNA_M
ClientSampleId :
EY072MSD

Tgt Ion:278 Resp: 14260
Ion Ratio Lower Upper
278 100
139 19.7 16.8 25.2
279 27.3 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.651 min Scan# 5901
Delta R.T. -0.016 min
Lab File: BM047676.D
Acq: 27 Sep 2024 13:22

Tgt Ion:276 Resp: 15364
Ion Ratio Lower Upper
276 100
138 24.5 20.2 30.2
277 25.1 19.8 29.6

