

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037390.D
 Acq On : 07 Nov 2022 14:04
 Operator : CG/JU
 Sample : N5276-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MSD

Quant Time: Nov 07 23:07:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

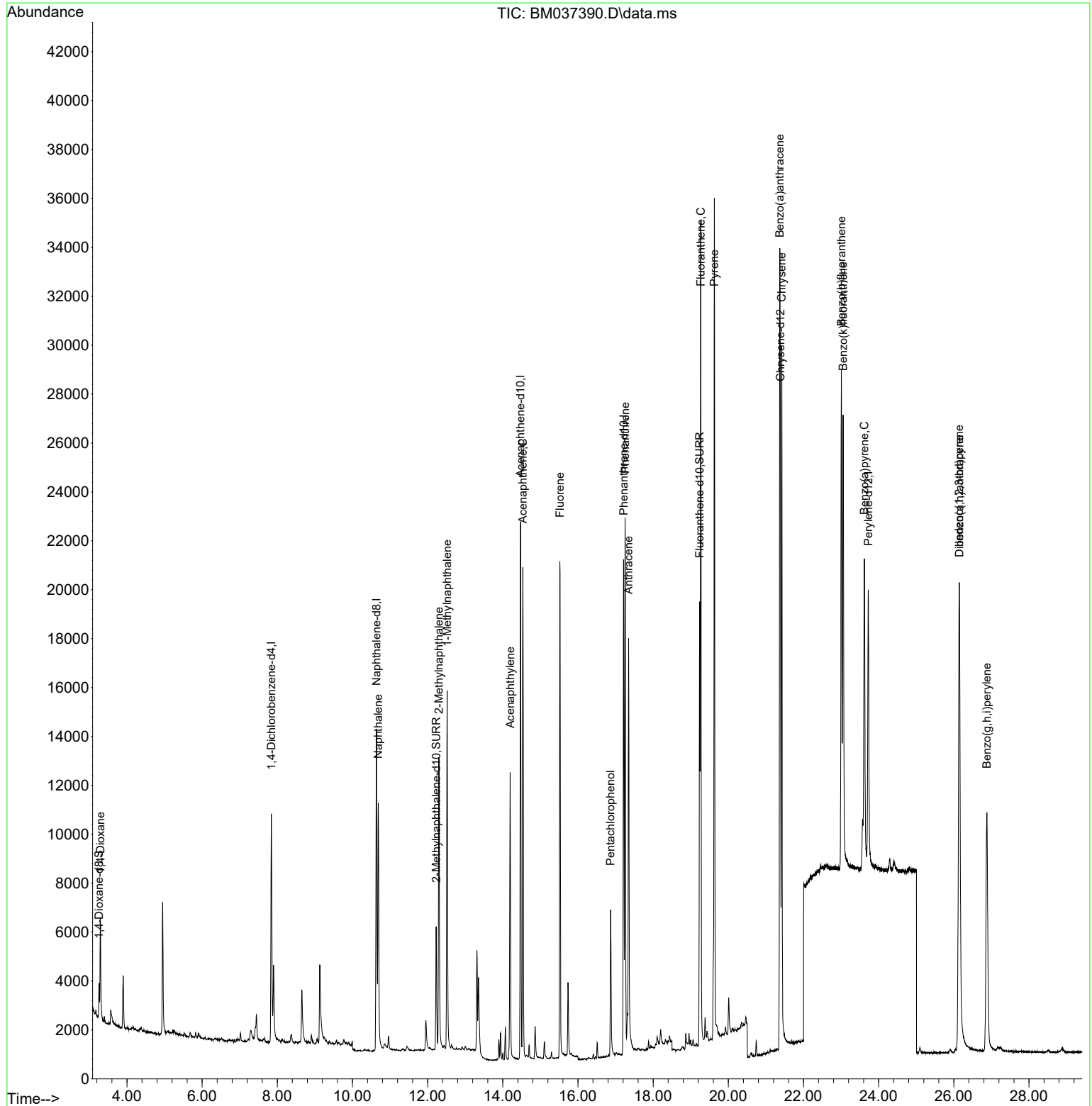
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	19473	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	11435	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	24073	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	18310	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	15409	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	957	0.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	7352	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	18678	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2804	0.392	ng/ul	98
5) Naphthalene	10.688	128	14394	0.255	ng/ul	98
7) 2-Methylnaphthalene	12.299	142	9285	0.263	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	10139	0.279	ng/ul	100
10) Acenaphthylene	14.196	152	13402	0.275	ng/ul	99
11) Acenaphthene	14.533	153	11731	0.273	ng/ul	99
12) Fluorene	15.519	166	13306	0.270	ng/ul	97
14) Pentachlorophenol	16.870	266	4468	0.703	ng/ul	99
15) Phenanthrene	17.254	178	23144	0.281	ng/ul	100
16) Anthracene	17.347	178	19750	0.294	ng/ul	99
19) Fluoranthene	19.266	202	27787	0.320	ng/ul	97
20) Pyrene	19.628	202	29322	0.323	ng/ul	99
21) Benzo(a)anthracene	21.368	228	24318	0.308	ng/ul	99
22) Chrysene	21.421	228	25317	0.287	ng/ul	99
24) Benzo(b)fluoranthene	23.008	252	25798	0.292	ng/ul	97
25) Benzo(k)fluoranthene	23.055	252	24923	0.294	ng/ul	97
26) Benzo(a)pyrene	23.619	252	20881	0.282	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.141	276	26165	0.266	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.151	278	20321	0.268	ng/ul	97
29) Benzo(g,h,i)perylene	26.879	276	22424	0.263	ng/ul	99

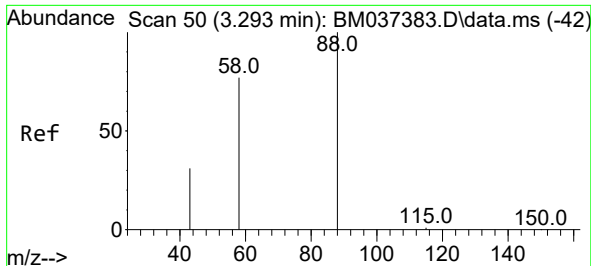
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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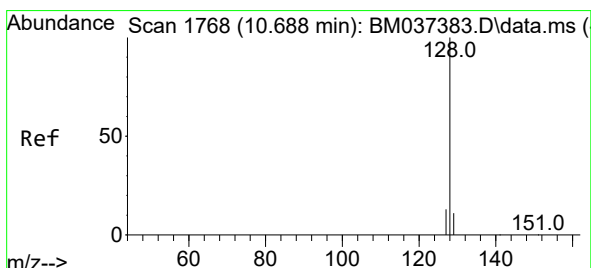
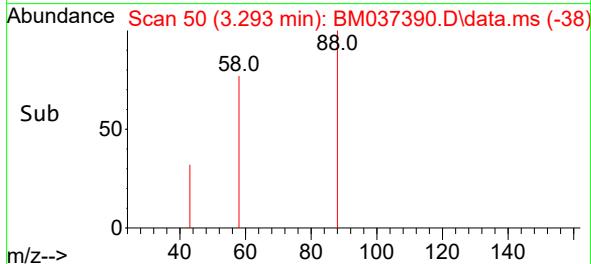
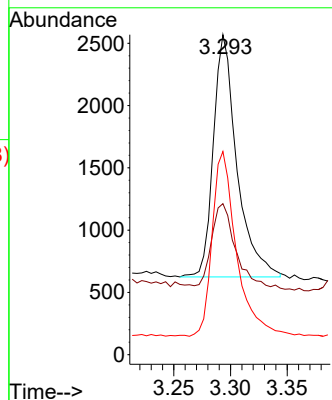
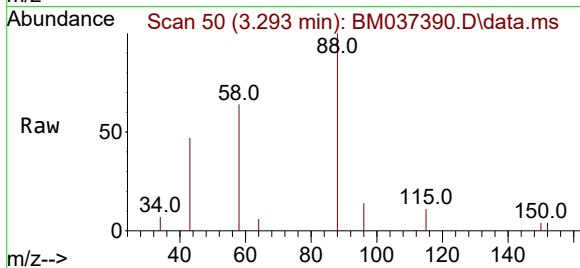




#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

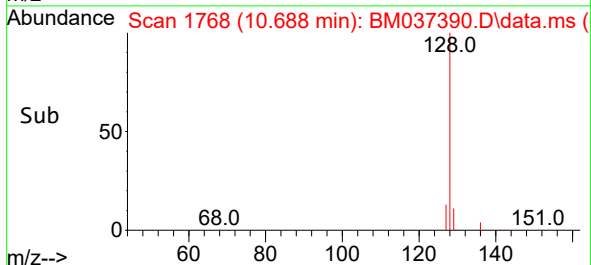
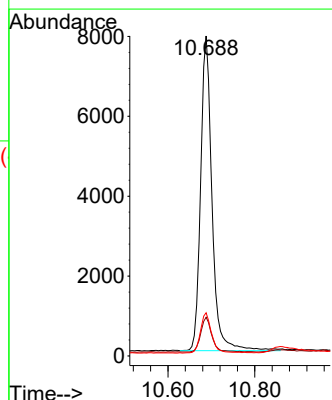
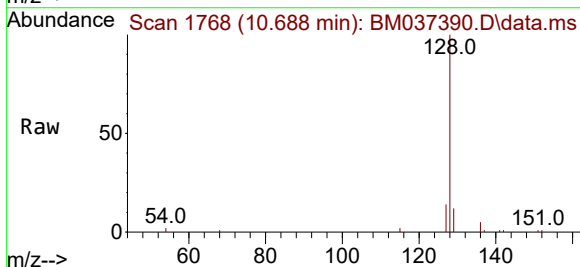
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

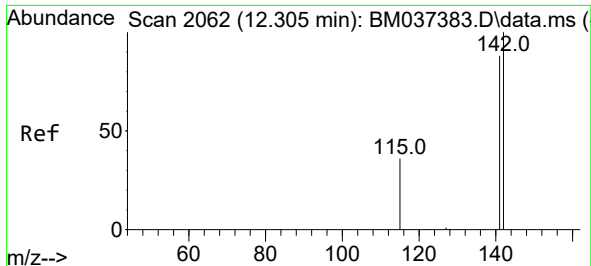
Tgt Ion: 88 Resp: 2804
Ion Ratio Lower Upper
88 100
43 47.2 39.9 59.9
58 63.5 50.2 75.2



#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 128 Resp: 14394
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.2 15.4

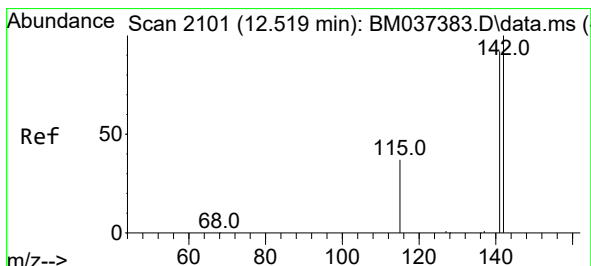
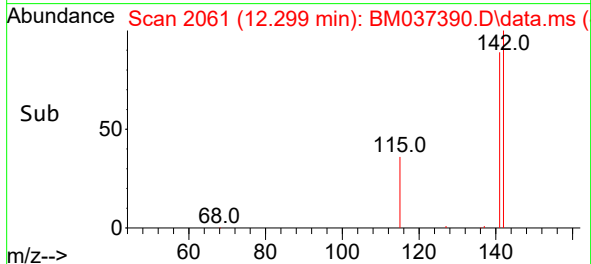
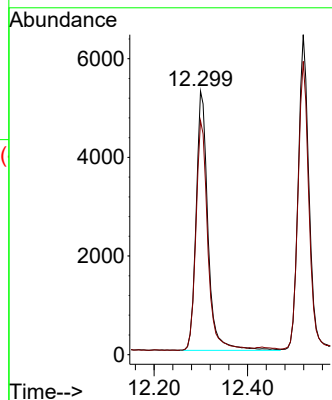
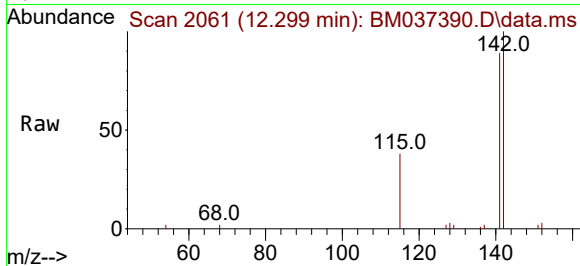




#7
2-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

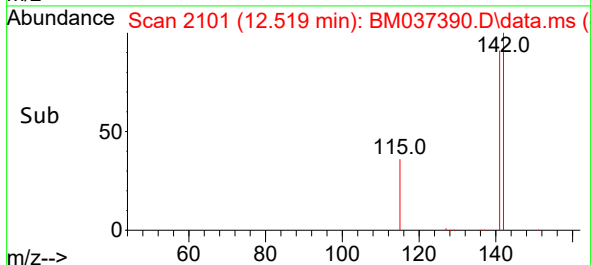
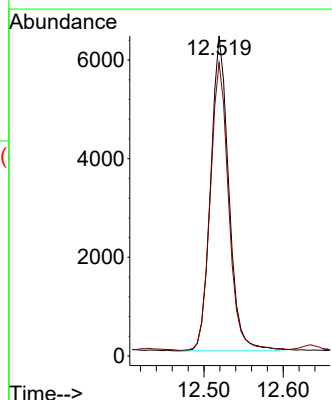
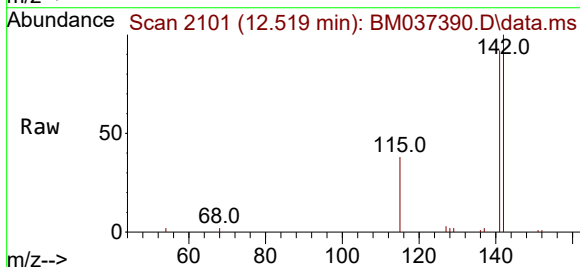
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

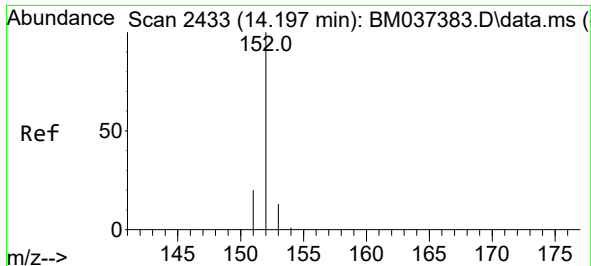
Tgt Ion:142 Resp: 9285
Ion Ratio Lower Upper
142 100
141 88.8 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:142 Resp: 10139
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

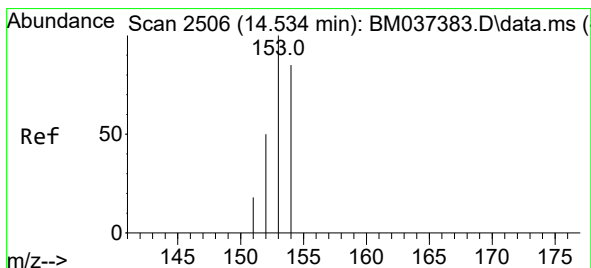
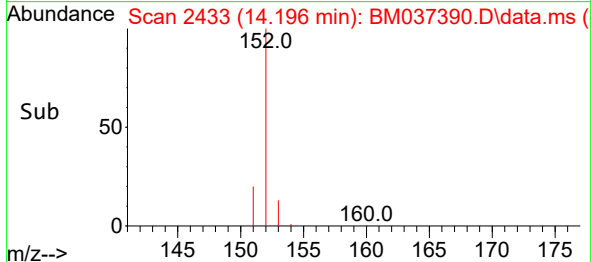
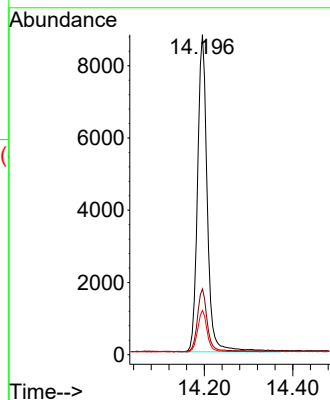
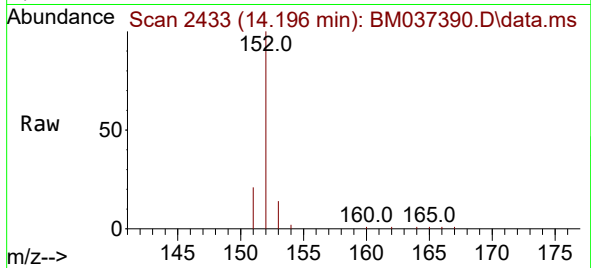




#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

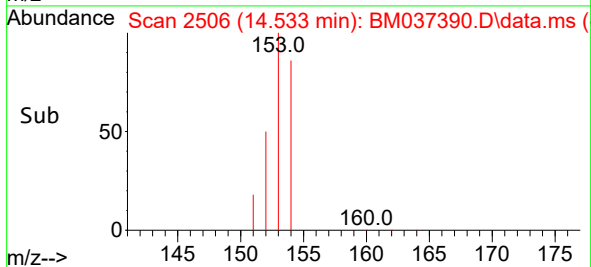
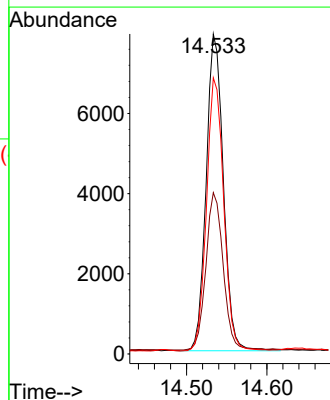
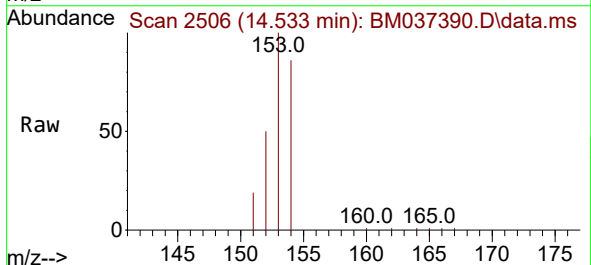
Instrument :
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ClientSampleId :
EW4W5MSD

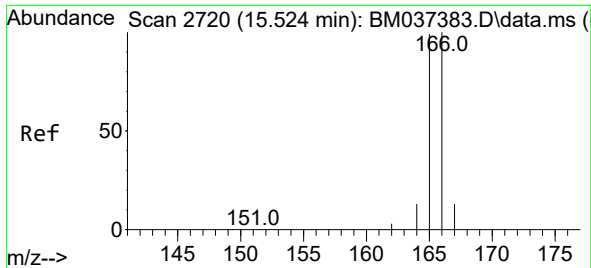
Tgt Ion:152 Resp: 13402
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.8 11.0 16.4



#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:153 Resp: 11731
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 86.3 70.4 105.6

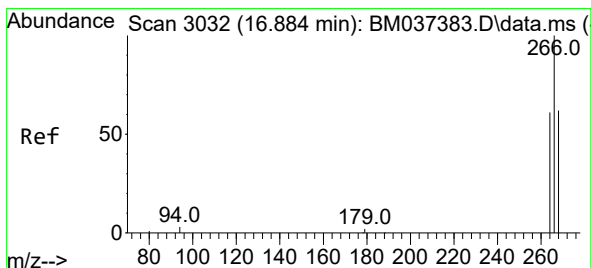
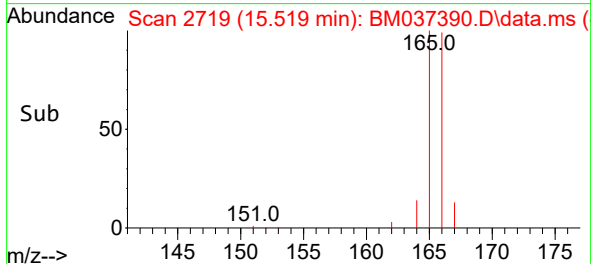
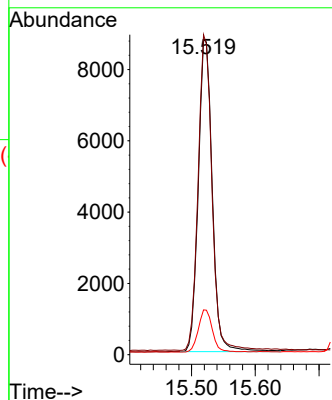
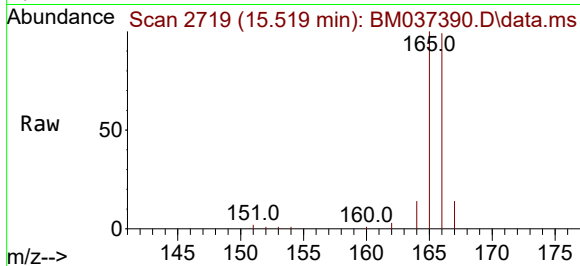




#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

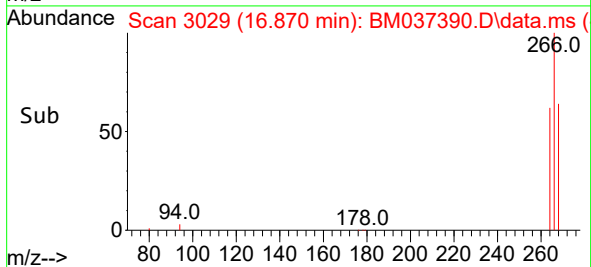
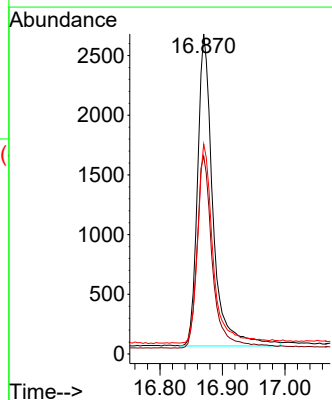
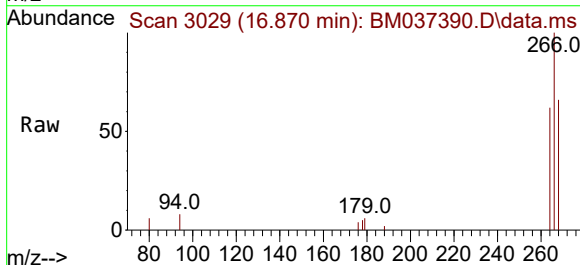
Instrument :
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ClientSampleId :
EW4W5MSD

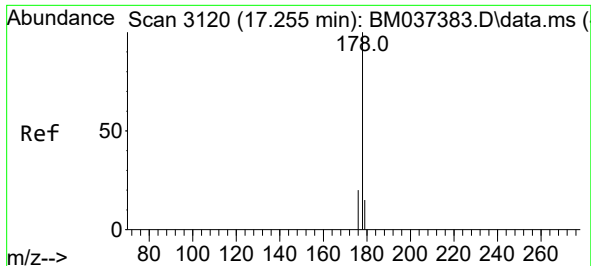
Tgt Ion:166 Resp: 13306
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.4
167 14.2 11.1 16.7



#14
Pentachlorophenol
Concen: 0.703 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:266 Resp: 4468
Ion Ratio Lower Upper
266 100
264 62.0 49.9 74.9
268 63.8 51.9 77.9

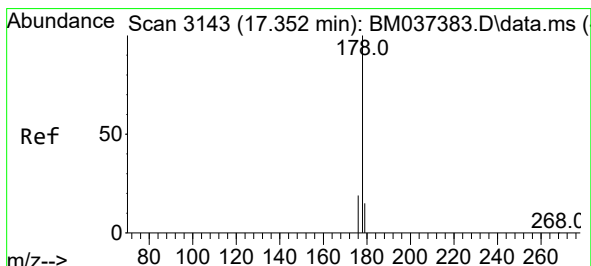
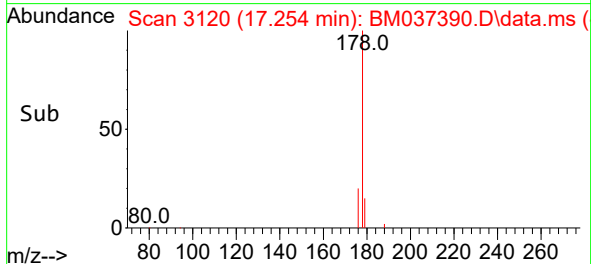
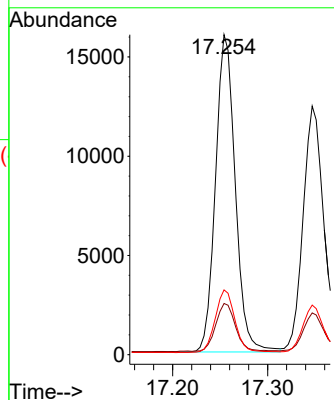
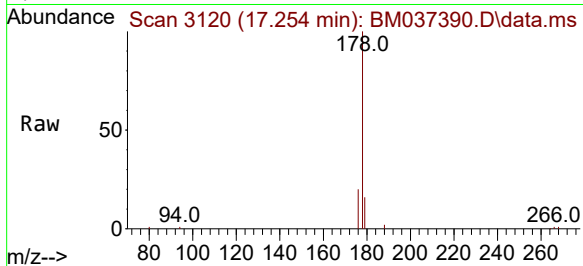




#15
Phenanthrene
Concen: 0.281 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

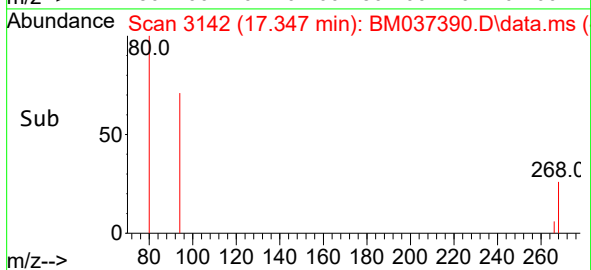
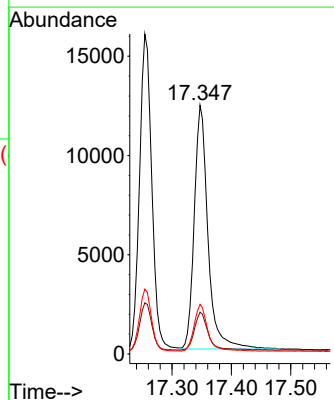
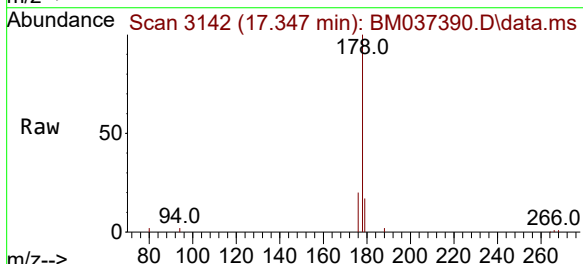
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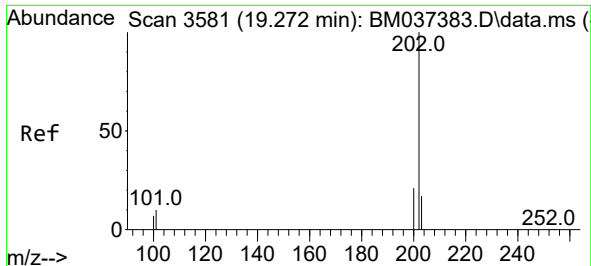
Tgt Ion:178 Resp: 23144
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.294 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:178 Resp: 19750
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 19.9 15.5 23.3

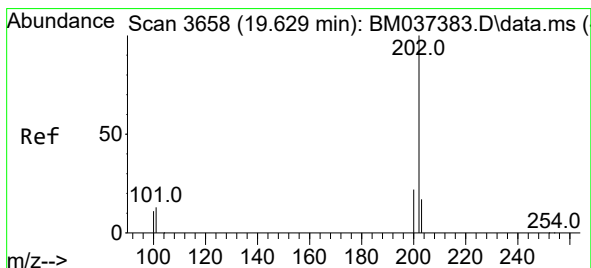
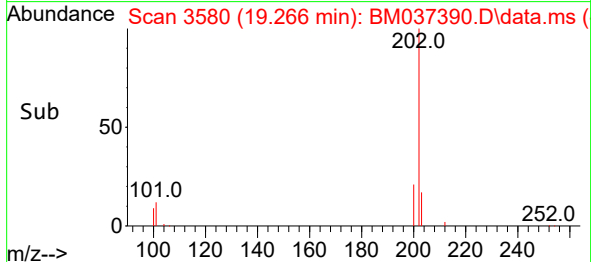
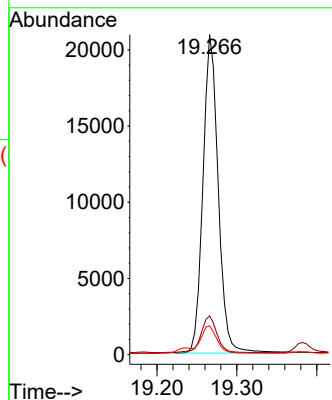
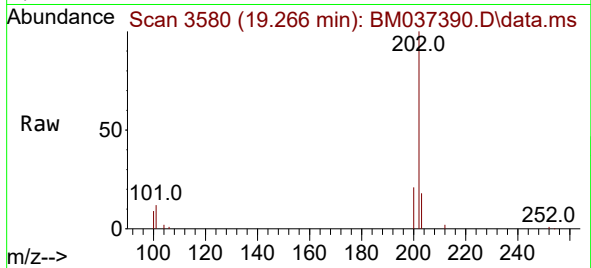




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.266 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

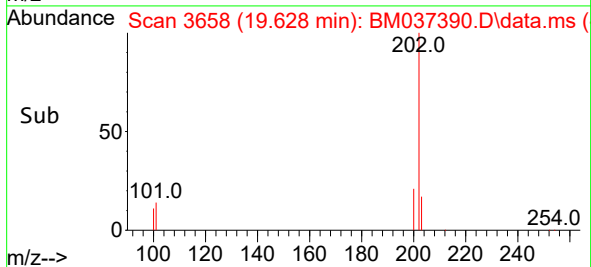
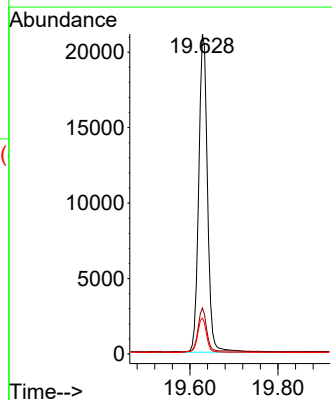
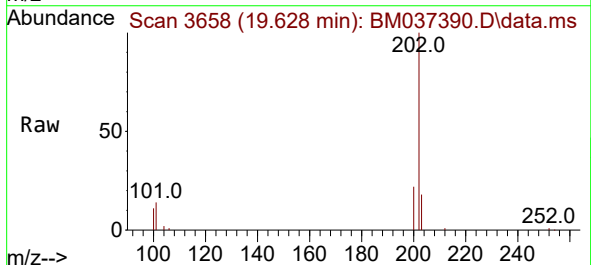
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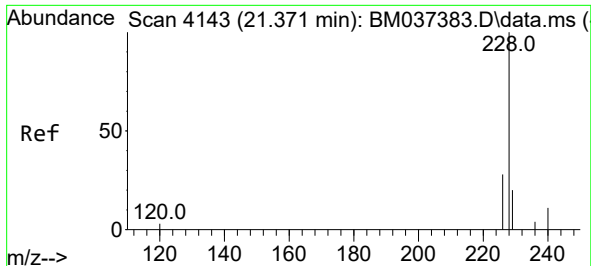
Tgt Ion:202 Resp: 27787
Ion Ratio Lower Upper
202 100
101 12.2 8.7 13.1
100 8.9 6.6 10.0



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:202 Resp: 29322
Ion Ratio Lower Upper
202 100
101 14.4 11.1 16.7
100 11.2 9.0 13.4

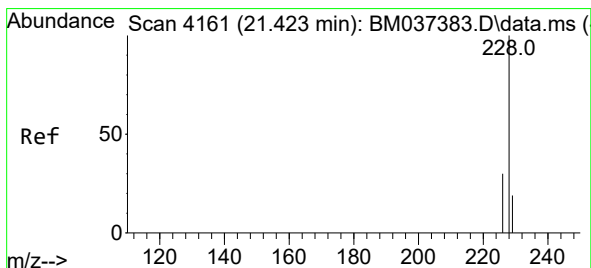
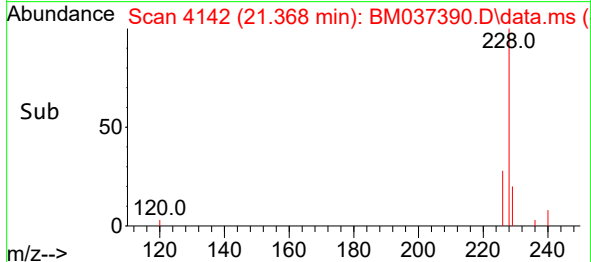
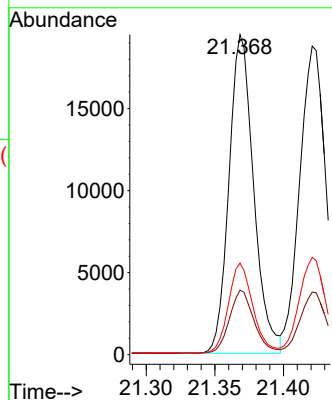
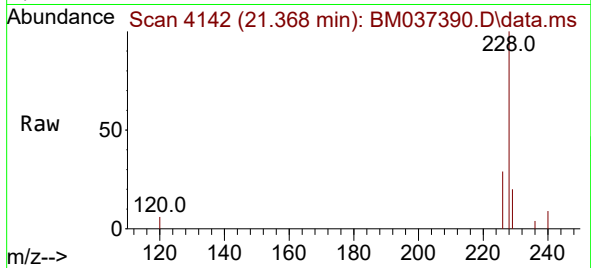




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.368 min Scan# 4143
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

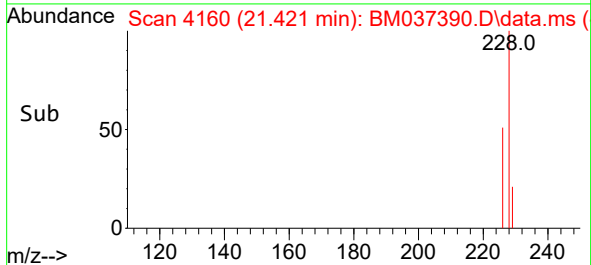
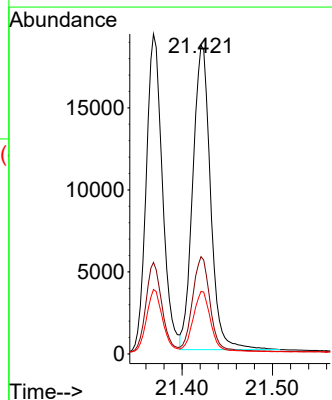
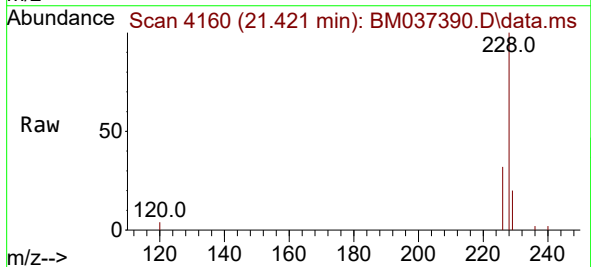
Instrument :
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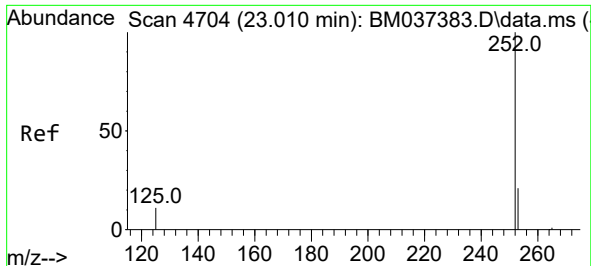
Tgt Ion:228 Resp: 24318
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.6 22.6 33.8



#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:228 Resp: 25317
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 20.3 15.6 23.4

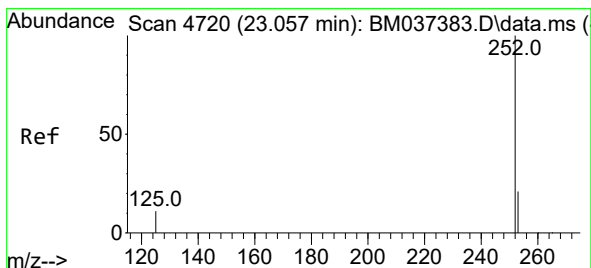
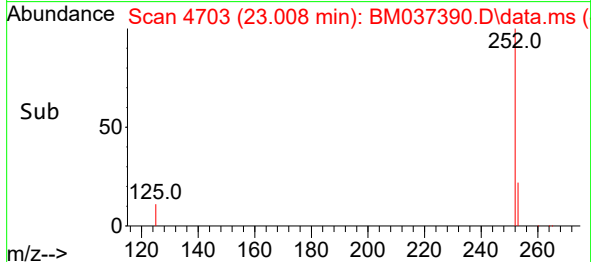
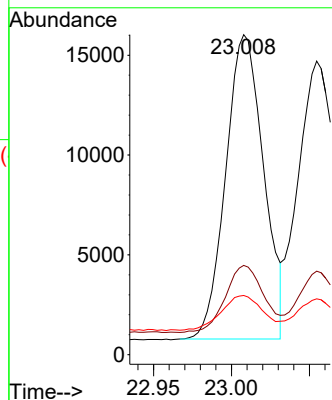
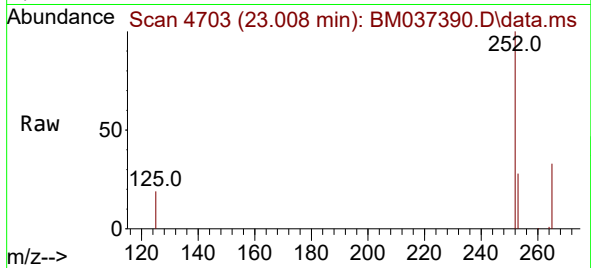




#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 23.008 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

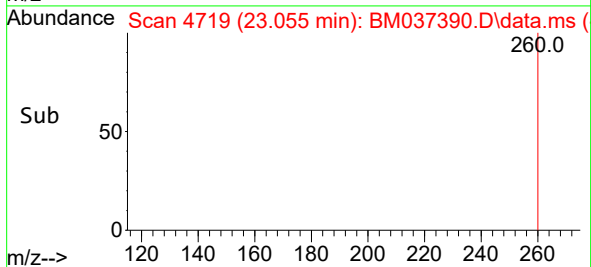
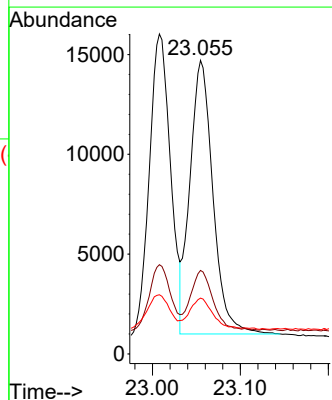
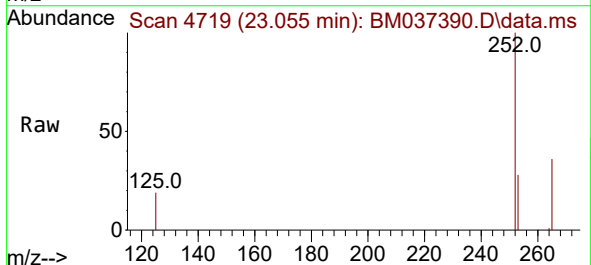
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

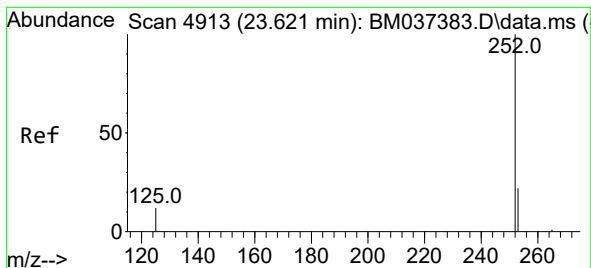
Tgt Ion:252 Resp: 25798
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.6
125 18.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 23.055 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:252 Resp: 24923
Ion Ratio Lower Upper
252 100
253 28.4 21.6 32.4
125 19.0 13.8 20.8





#26

Benzo(a)pyrene

Concen: 0.282 ng/ul

RT: 23.619 min Scan# 4913

Delta R.T. -0.000 min

Lab File: BM037390.D

Acq: 07 Nov 2022 14:04

Instrument :

BNA_M

ClientSampleId :

EW4W5MSD

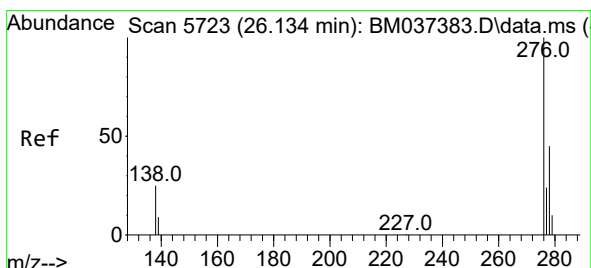
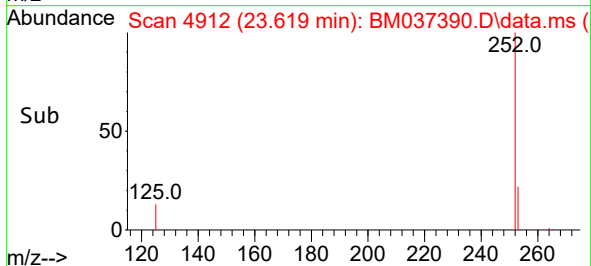
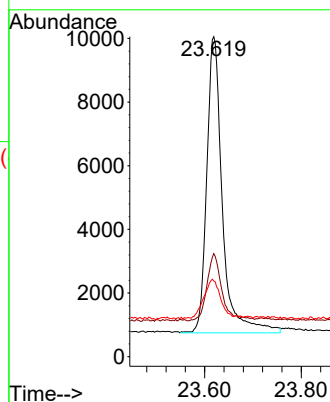
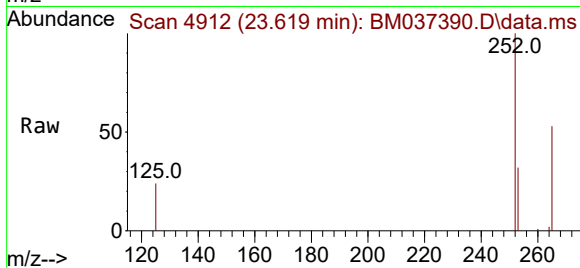
Tgt Ion:252 Resp: 20881

Ion Ratio Lower Upper

252 100

253 32.2 23.8 35.6

125 23.6 17.2 25.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.266 ng/ul

RT: 26.141 min Scan# 5725

Delta R.T. 0.003 min

Lab File: BM037390.D

Acq: 07 Nov 2022 14:04

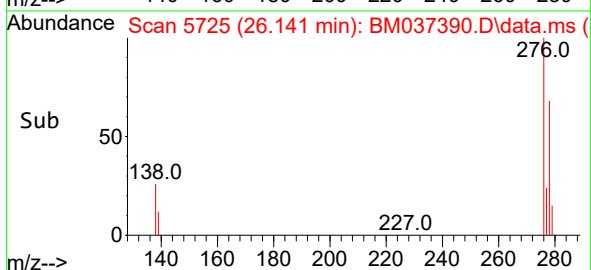
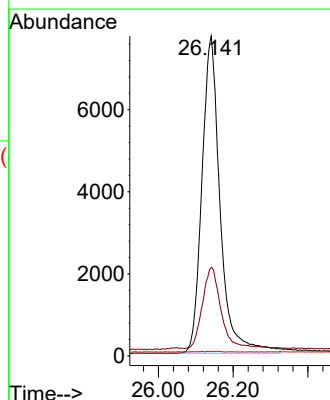
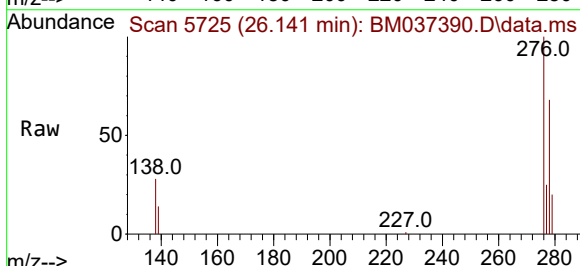
Tgt Ion:276 Resp: 26165

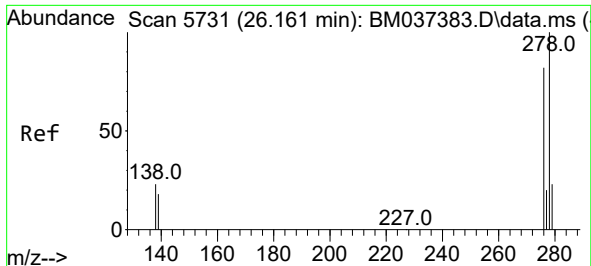
Ion Ratio Lower Upper

276 100

138 26.5 20.8 31.2

227 0.1 0.1 0.1#

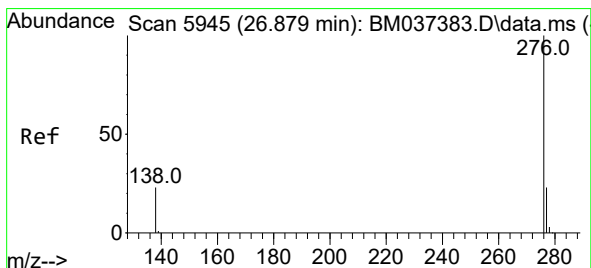
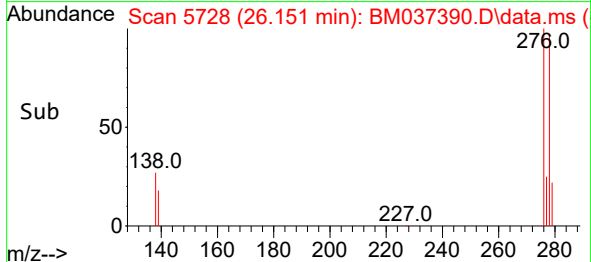
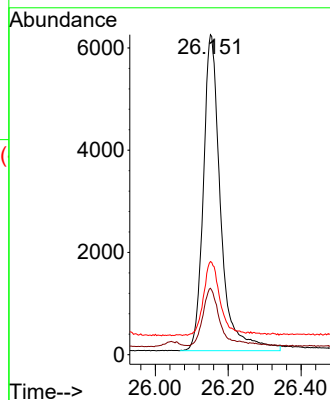
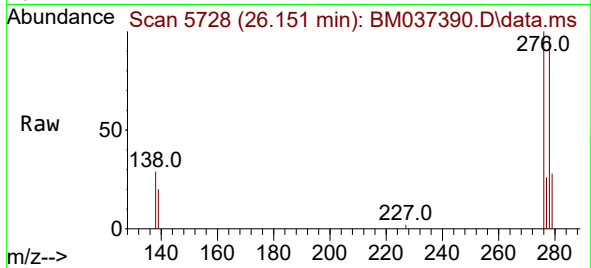




#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul
RT: 26.151 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:278 Resp: 20321
Ion Ratio Lower Upper
278 100
139 20.8 15.2 22.8
279 29.1 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.000 min
Lab File: BM037390.D
Acq: 07 Nov 2022 14:04

Tgt Ion:276 Resp: 22424
Ion Ratio Lower Upper
276 100
138 25.6 19.6 29.4
277 24.9 20.1 30.1

