

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038112.D
 Acq On : 19 Dec 2022 21:00
 Operator : CG/JU
 Sample : N5925-16DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA3DL

Quant Time: Dec 19 23:24:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

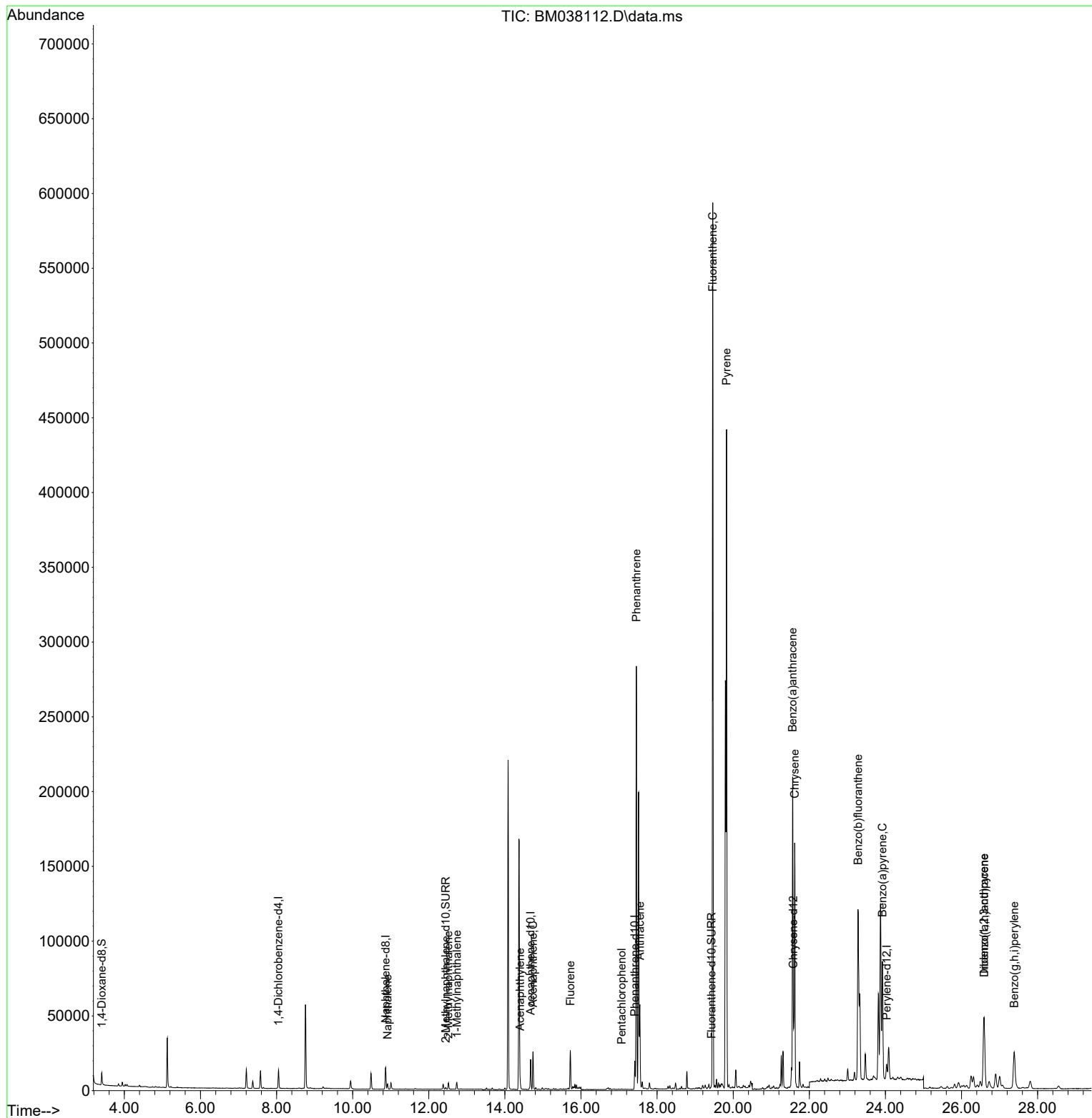
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	19245	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.675	164	10513	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	21142	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	15117	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	14327	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5745	0.683	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1465	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2659	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	4610	0.079	ng/ul#	95
7) 2-Methylnaphthalene	12.517	142	2955	0.082	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	3248	0.089	ng/ul	100
10) Acenaphthylene	14.398	152	5983	0.109	ng/ul#	94
11) Acenaphthene	14.740	153	14458	0.346	ng/ul	99
12) Fluorene	15.721	166	15790	0.341	ng/ul	99
14) Pentachlorophenol	17.067	266	192	0.022	ng/ul	94
15) Phenanthrene	17.455	178	283742	3.985	ng/ul	100
16) Anthracene	17.548	178	55419	0.842	ng/ul	99
19) Fluoranthene	19.464	202	487830	6.248	ng/ul#	93
20) Pyrene	19.826	202	364877	4.578	ng/ul#	92
21) Benzo(a)anthracene	21.562	228	170796	2.615	ng/ul	100
22) Chrysene	21.618	228	156955	2.382	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	194117	2.857	ng/ul	89
26) Benzo(a)pyrene	23.921	252	115425	2.017	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.589	276	80468	1.120	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.599	278	20724	0.370	ng/ul	95
29) Benzo(g,h,i)perylene	27.384	276	54461	0.893	ng/ul	96

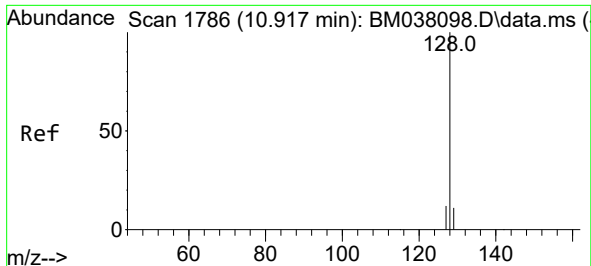
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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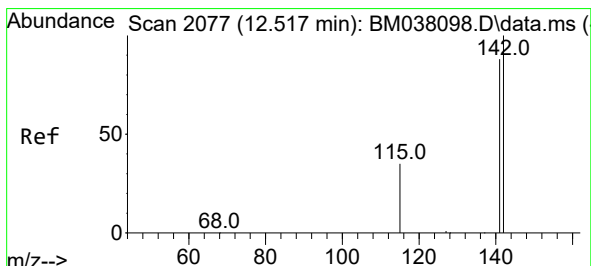
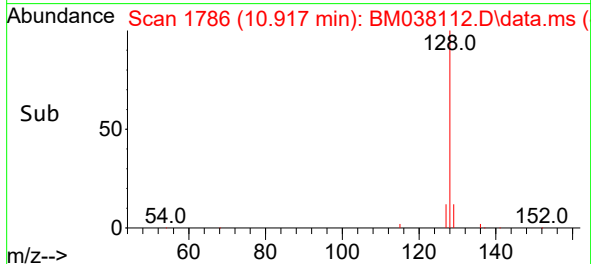
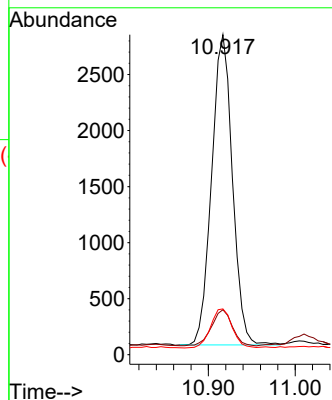
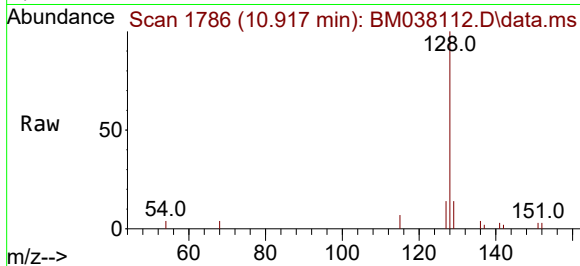




#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

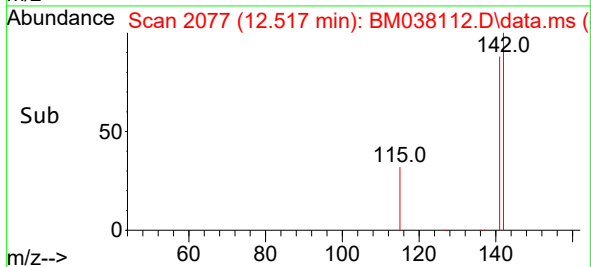
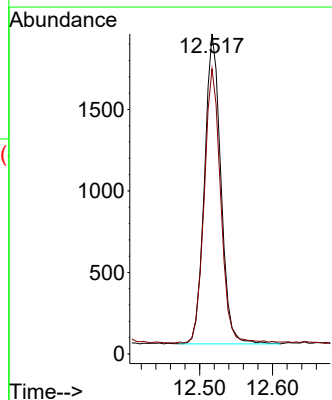
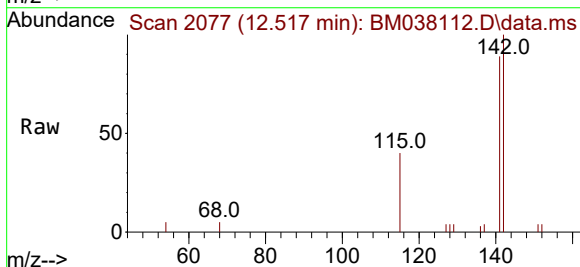
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BNA_M
ClientSampleId :
DBYA3DL

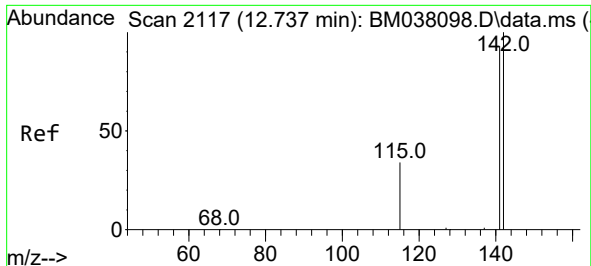
Tgt Ion:128 Resp: 4610
Ion Ratio Lower Upper
128 100
129 14.0 9.1 13.7#
127 14.3 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:142 Resp: 2955
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6

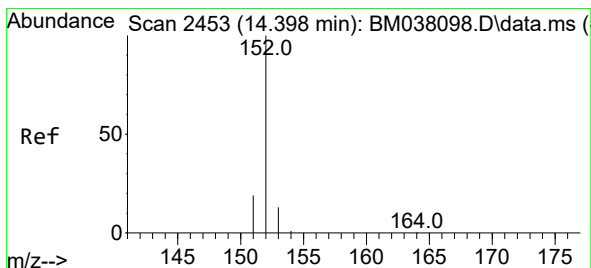
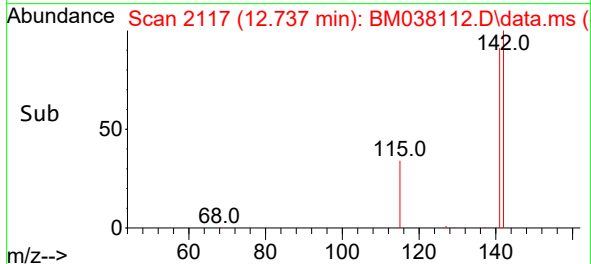
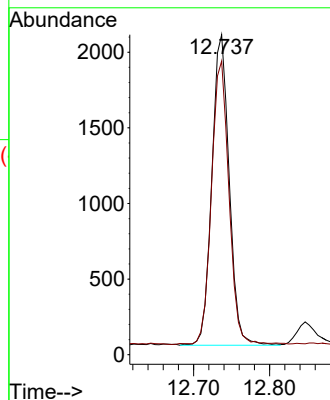
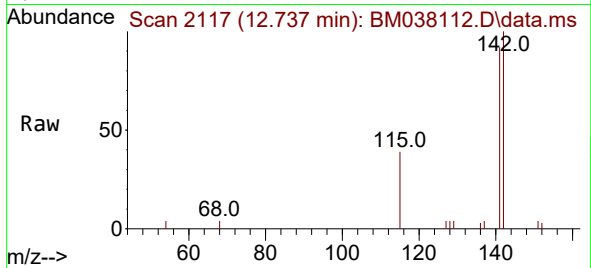




#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

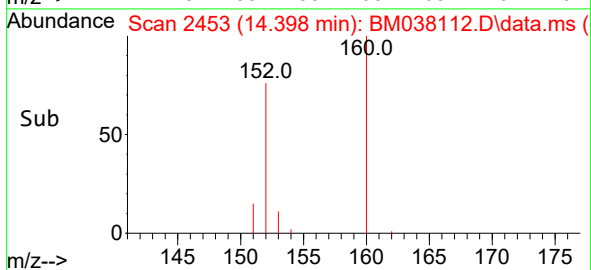
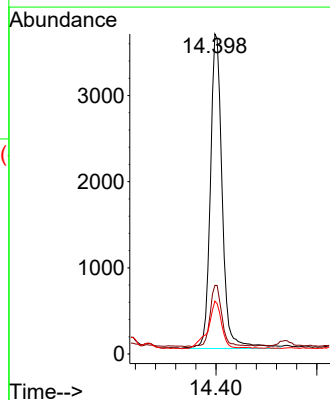
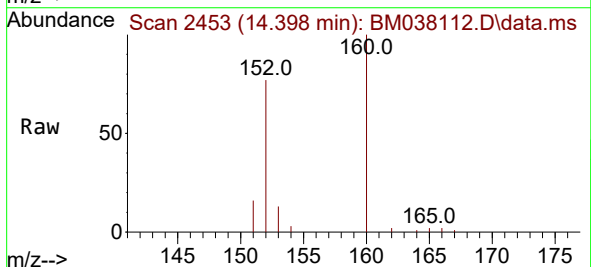
Instrument :
BNA_M
ClientSampleId :
DBYA3DL

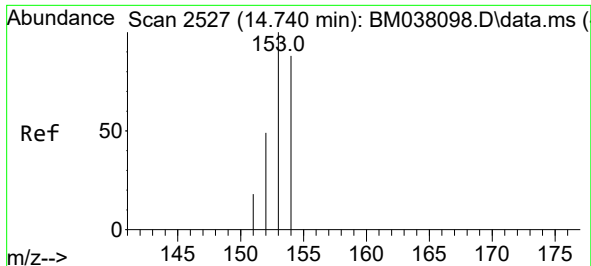
Tgt Ion:142 Resp: 3248
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4



#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:152 Resp: 5983
Ion Ratio Lower Upper
152 100
151 21.5 15.5 23.3
153 16.5 11.0 16.4#

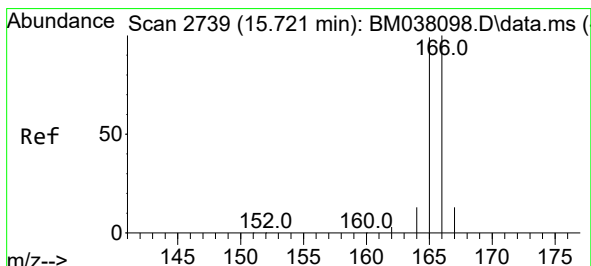
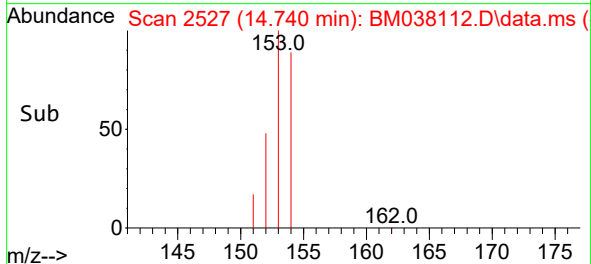
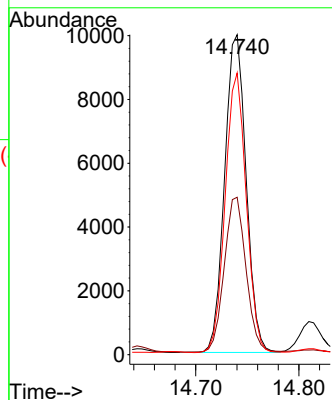
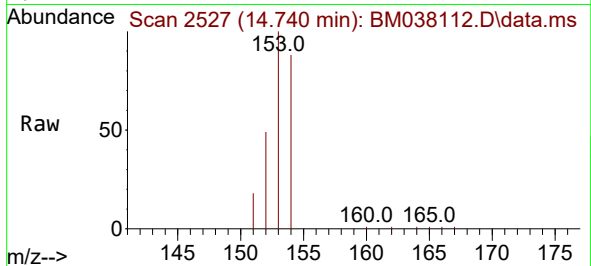




#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

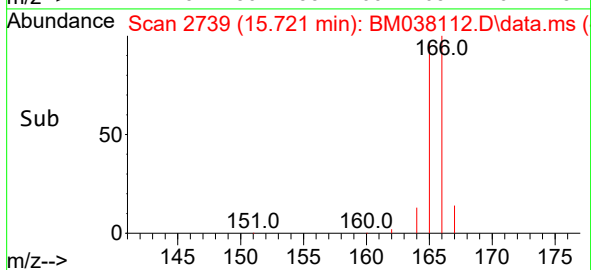
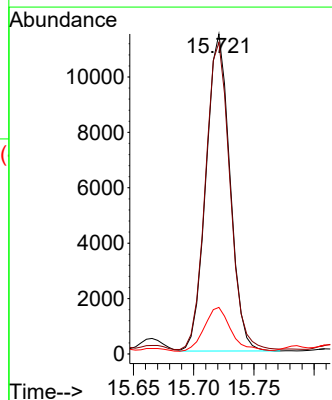
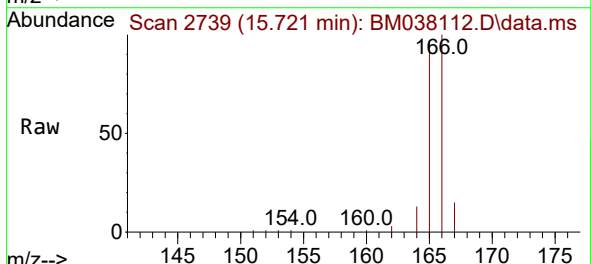
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ClientSampleId :
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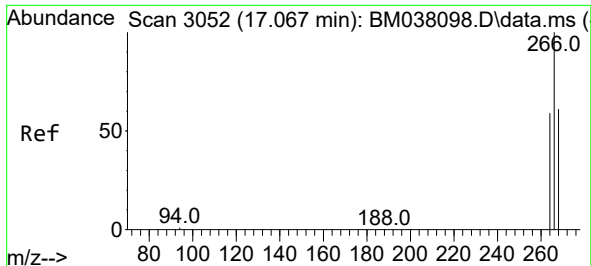
Tgt Ion:153 Resp: 14458
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 88.1 69.2 103.8



#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:166 Resp: 15790
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.4
167 14.5 11.1 16.7

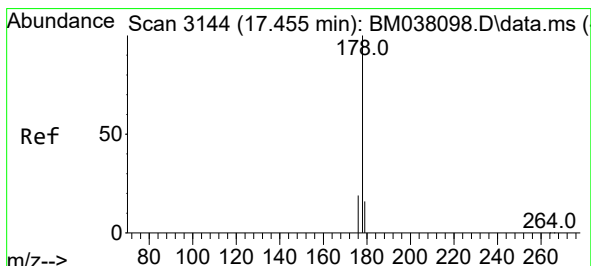
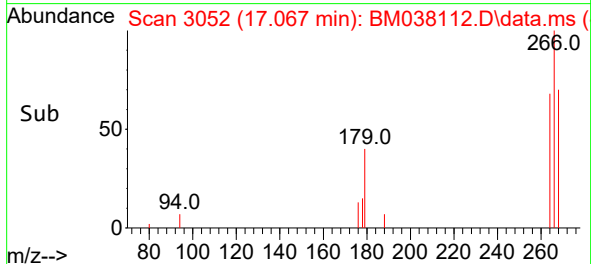
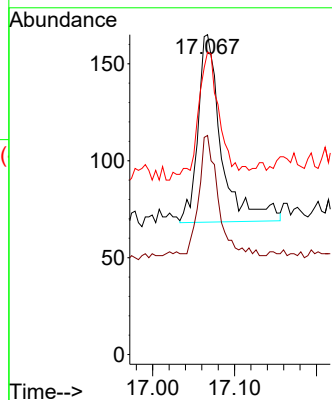
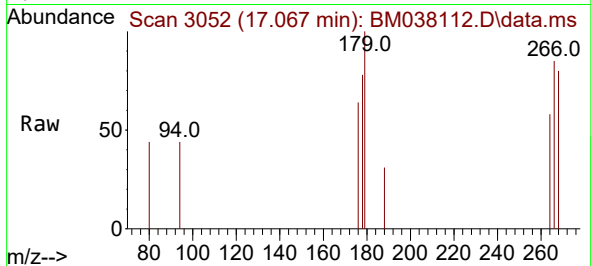




#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

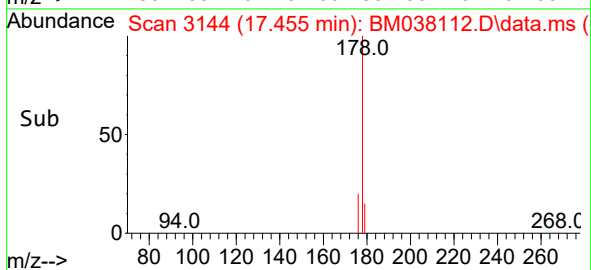
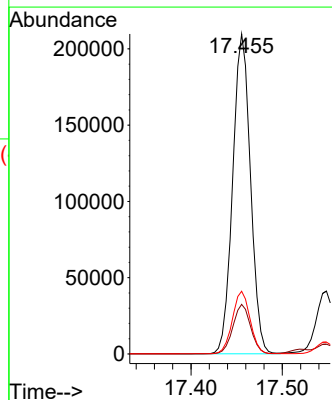
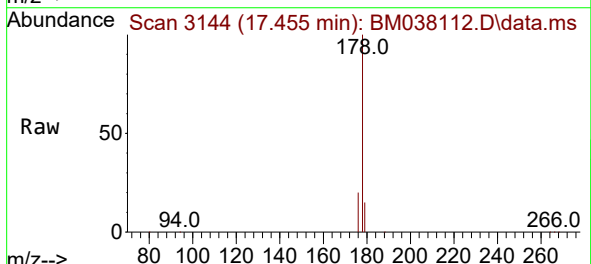
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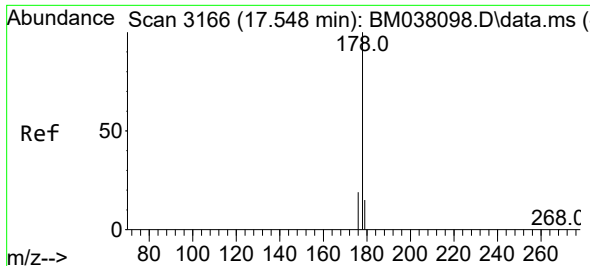
Tgt Ion:266 Resp: 192
Ion Ratio Lower Upper
266 100
264 53.1 49.9 74.9
268 65.6 52.0 78.0



#15
Phenanthrene
Concen: 3.985 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:178 Resp: 283742
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.8 23.6

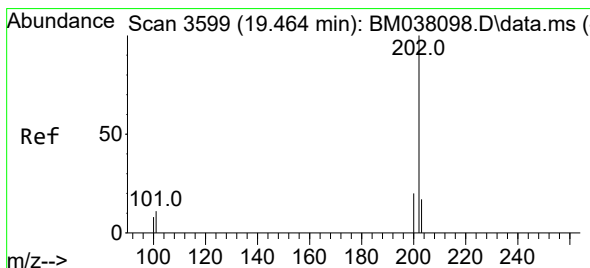
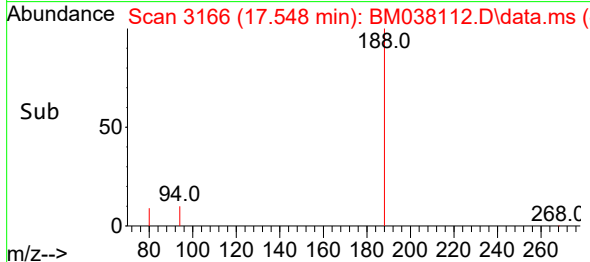
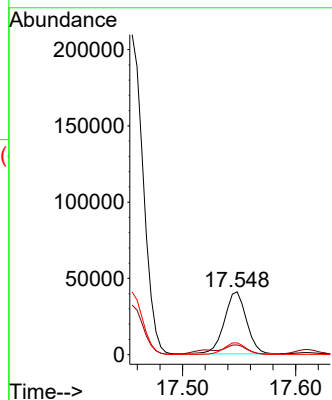
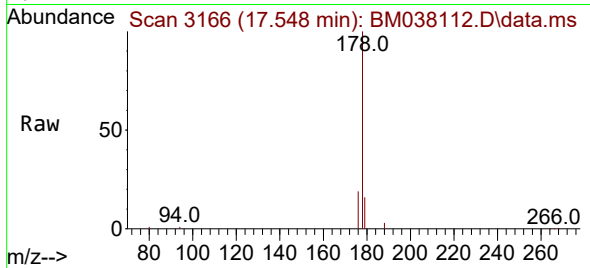




#16
 Anthracene
 Concen: 0.842 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM038112.D
 Acq: 19 Dec 2022 21:00

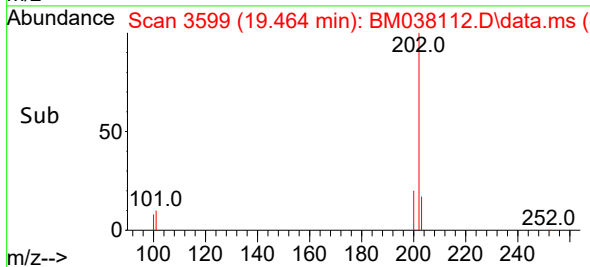
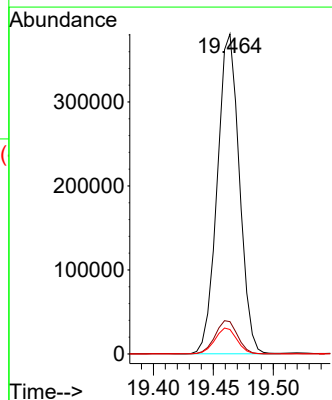
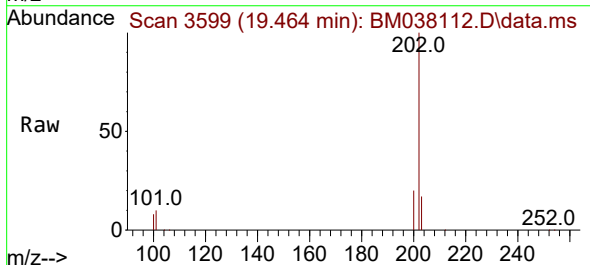
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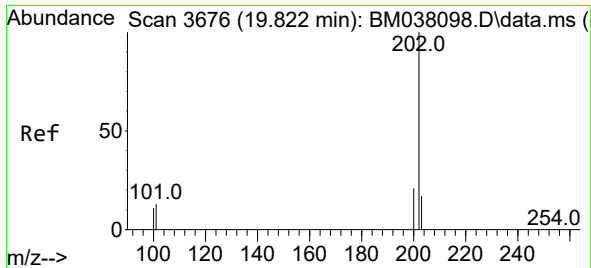
Tgt Ion:178 Resp: 55419
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.4
 176 18.9 15.0 22.4



#19
 Fluoranthene
 Concen: 6.248 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. 0.000 min
 Lab File: BM038112.D
 Acq: 19 Dec 2022 21:00

Tgt Ion:202 Resp: 487830
 Ion Ratio Lower Upper
 202 100
 101 10.1 10.6 15.8#
 100 7.7 7.9 11.9#

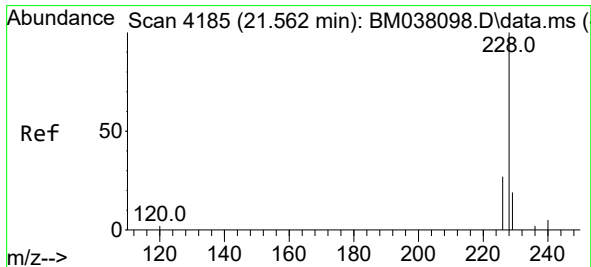
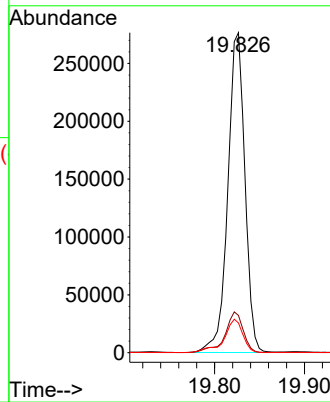
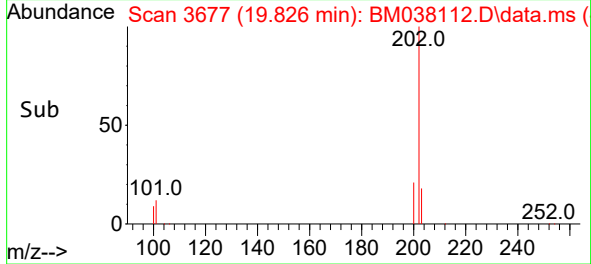
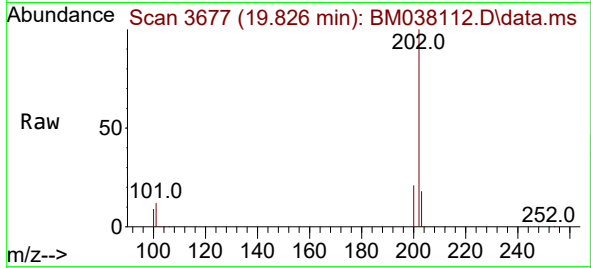




#20
Pyrene
Concen: 4.578 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

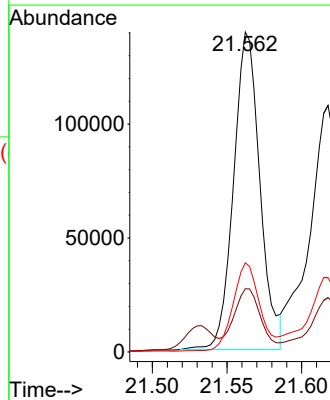
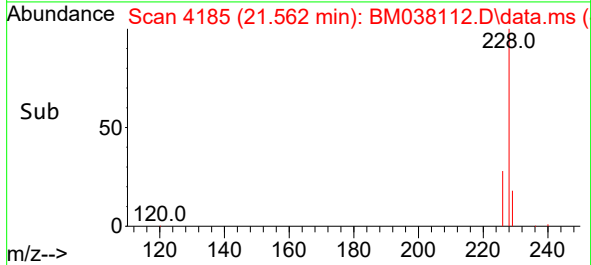
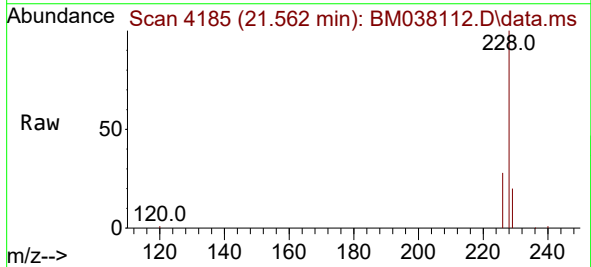
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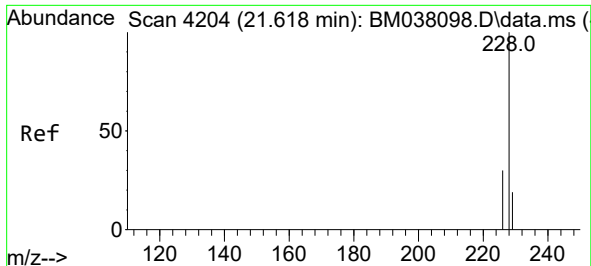
Tgt Ion:202 Resp: 364877
Ion Ratio Lower Upper
202 100
101 11.6 12.1 18.1#
100 9.3 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 2.615 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:228 Resp: 170796
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.8 22.1 33.1

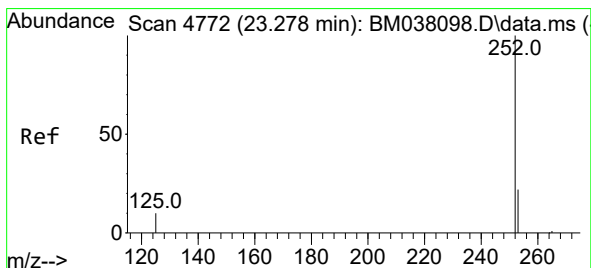
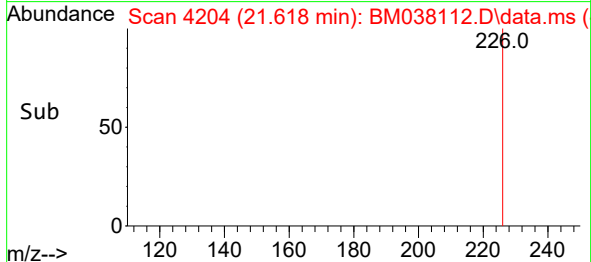
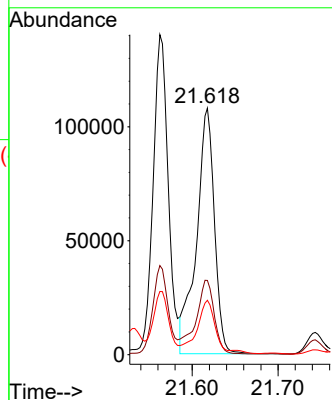
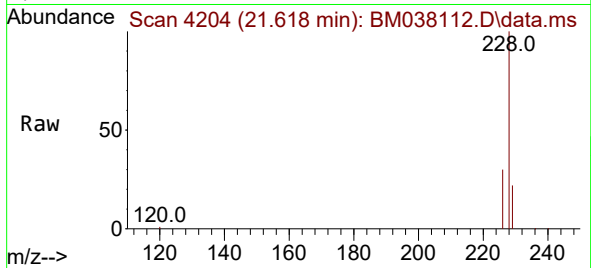




#22
Chrysene
Concen: 2.382 ng/ul
RT: 21.618 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

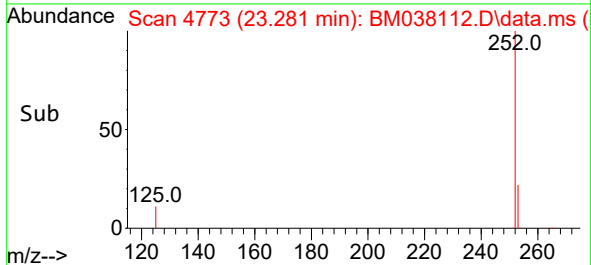
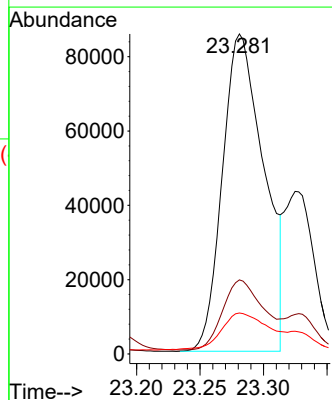
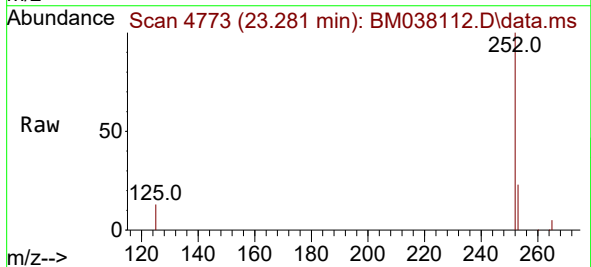
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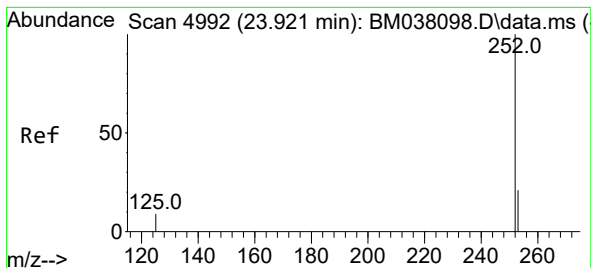
Tgt Ion:228 Resp: 156955
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 22.1 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 2.857 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:252 Resp: 194117
Ion Ratio Lower Upper
252 100
253 23.1 0.0 51.8
125 12.8 0.0 42.2





#26

Benzo(a)pyrene

Concen: 2.017 ng/ul

RT: 23.921 min Scan# 4992

Delta R.T. -0.003 min

Lab File: BM038112.D

Acq: 19 Dec 2022 21:00

Instrument :

BNA_M

ClientSampleId :

DBYA3DL

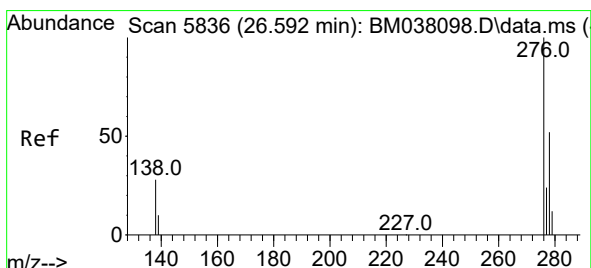
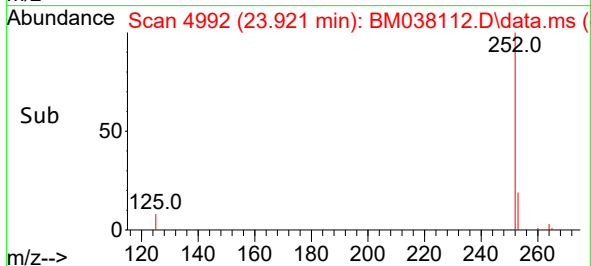
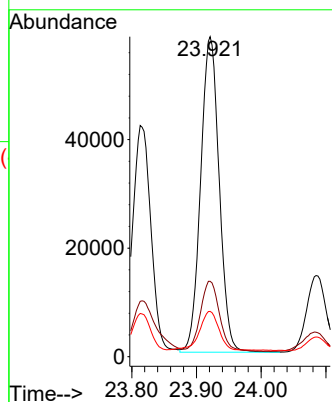
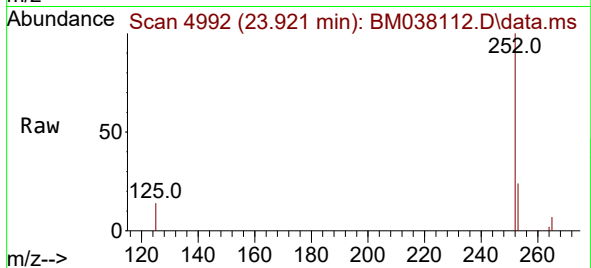
Tgt Ion:252 Resp: 115425

Ion Ratio Lower Upper

252 100

253 23.6 21.9 32.9

125 14.2 20.7 31.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.120 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. -0.010 min

Lab File: BM038112.D

Acq: 19 Dec 2022 21:00

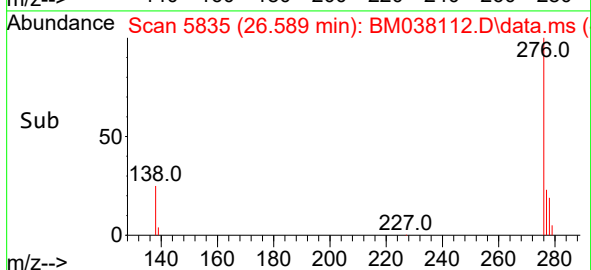
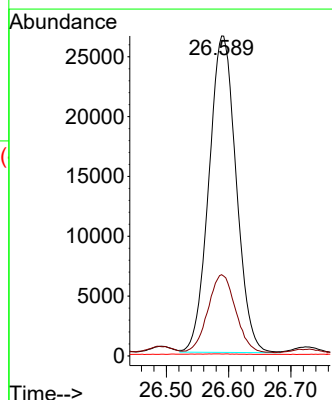
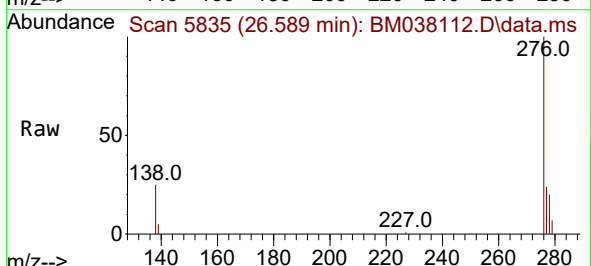
Tgt Ion:276 Resp: 80468

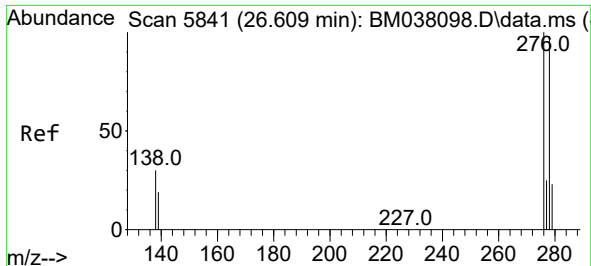
Ion Ratio Lower Upper

276 100

138 25.0 26.6 40.0#

227 0.1 0.1 0.1#

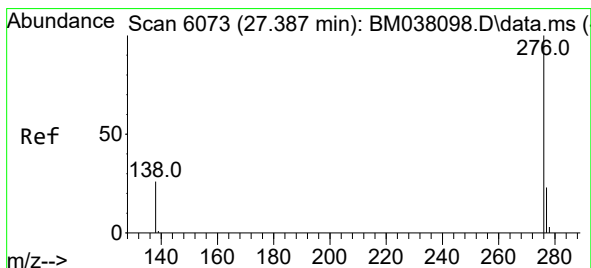
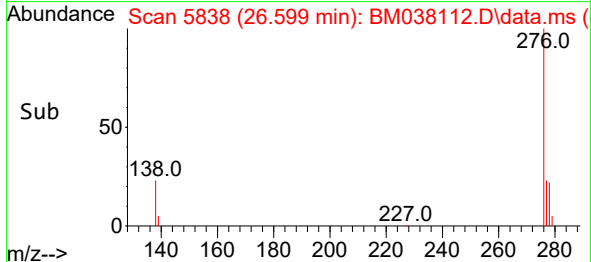
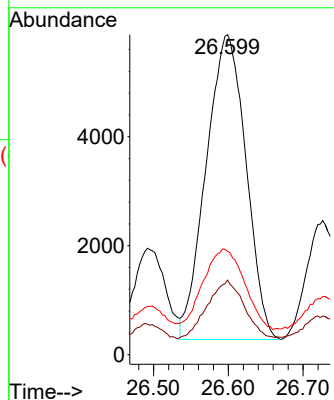
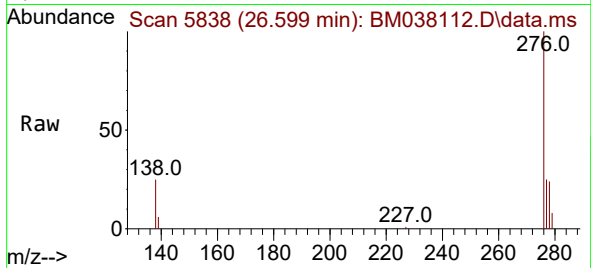




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Instrument :
BNA_M
ClientSampleId :
DBYA3DL

Tgt Ion:278 Resp: 20724
Ion Ratio Lower Upper
278 100
139 23.3 19.0 28.6
279 32.3 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.893 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038112.D
Acq: 19 Dec 2022 21:00

Tgt Ion:276 Resp: 54461
Ion Ratio Lower Upper
276 100
138 26.0 24.1 36.1
277 23.9 19.0 28.6

