

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038342.D
 Acq On : 29 Dec 2022 14:25
 Operator : CG/JU
 Sample : SST0.418
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4031

Quant Time: Dec 30 01:29:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:28:15 2022
 Response via : Initial Calibration

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

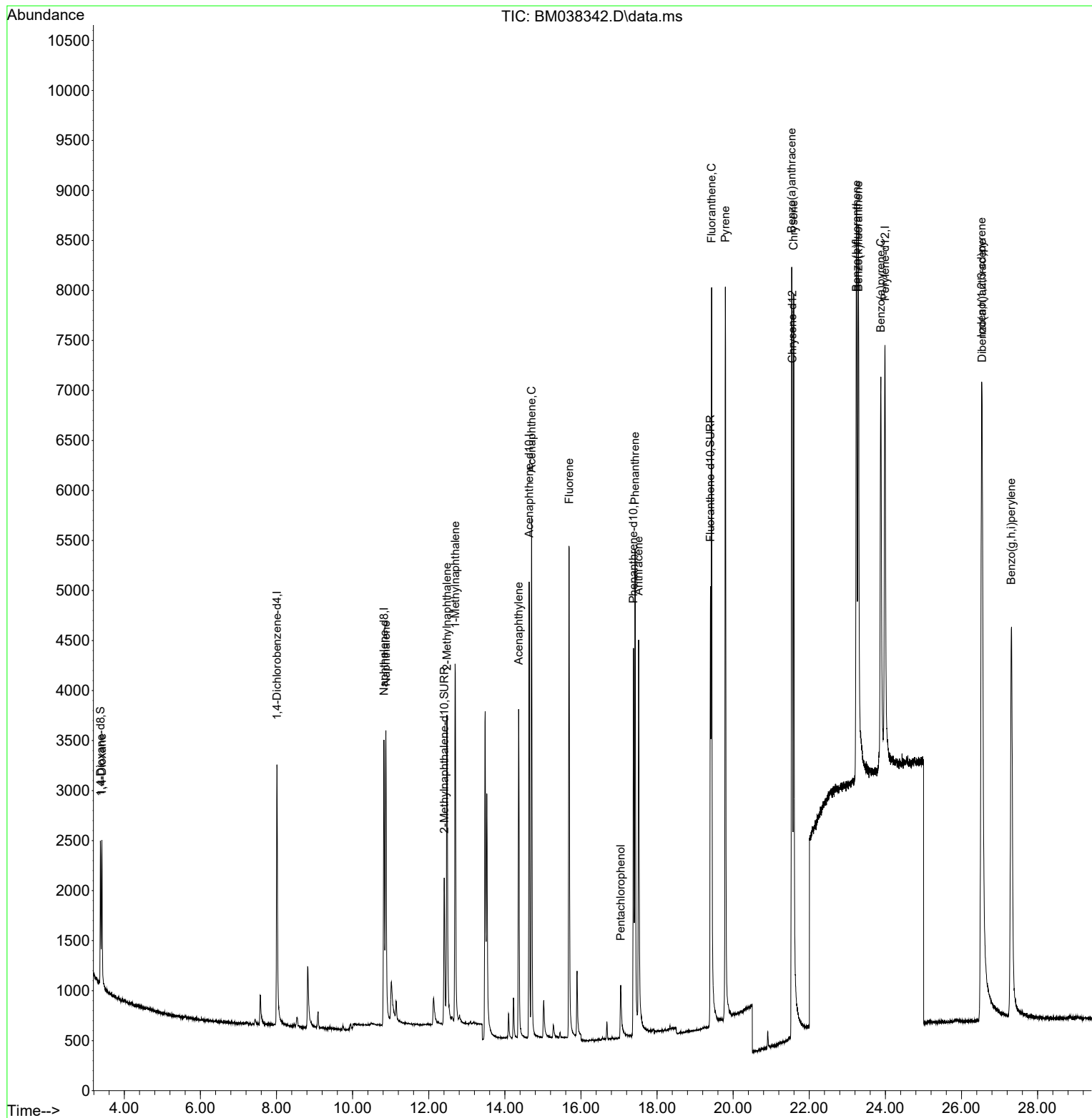
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	1634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	4535	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	2561	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	5386	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	5624	0.400	ng/ul	0.00
23) Perylene-d12	23.989	264	6404	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	895	0.538	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	2446	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	5817	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	898	0.551	ng/ul	100
5) Naphthalene	10.873	128	4449	0.335	ng/ul	100
7) 2-Methylnaphthalene	12.479	142	2680	0.324	ng/ul	100
8) 1-Methylnaphthalene	12.699	142	2758	0.326	ng/ul	100
10) Acenaphthylene	14.361	152	4273	0.302	ng/ul	100
11) Acenaphthene	14.703	153	3175	0.315	ng/ul	100
12) Fluorene	15.689	166	3580	0.327	ng/ul	100
14) Pentachlorophenol	17.042	266	645	0.240	ng/ul	100
15) Phenanthrene	17.422	178	5586	0.310	ng/ul	100
16) Anthracene	17.515	178	5252	0.303	ng/ul	100
19) Fluoranthene	19.432	202	7119	0.231	ng/ul	100
20) Pyrene	19.794	202	7613	0.245	ng/ul	100
21) Benzo(a)anthracene	21.536	228	6803	0.276	ng/ul	100
22) Chrysene	21.589	228	7213	0.300	ng/ul	100
24) Benzo(b)fluoranthene	23.240	252	8375	0.295	ng/ul	100
25) Benzo(k)fluoranthene	23.290	252	8437	0.310	ng/ul	100
26) Benzo(a)pyrene	23.880	252	7958	0.322	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.529	276	11523	0.336	ng/ul	100
28) Dibenzo(a,h)anthracene	26.542	278	9041	0.339	ng/ul	100
29) Benzo(g,h,i)perylene	27.307	276	10346	0.358	ng/ul	100

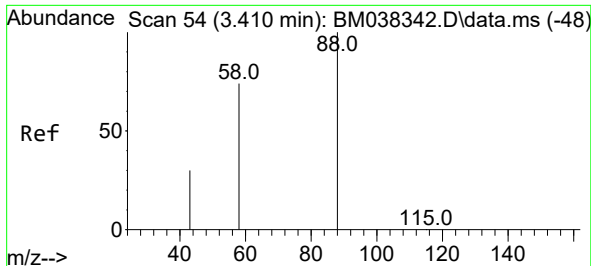
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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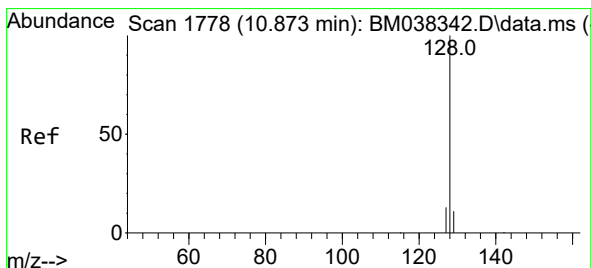
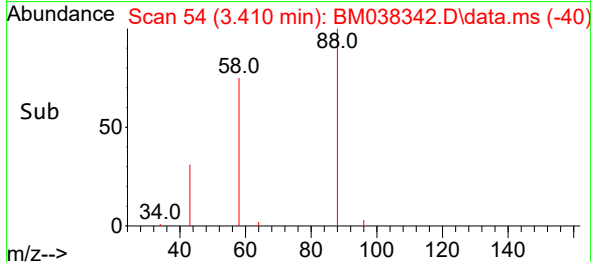
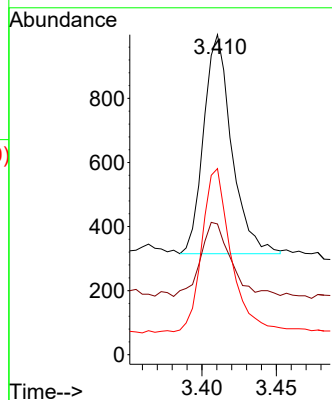
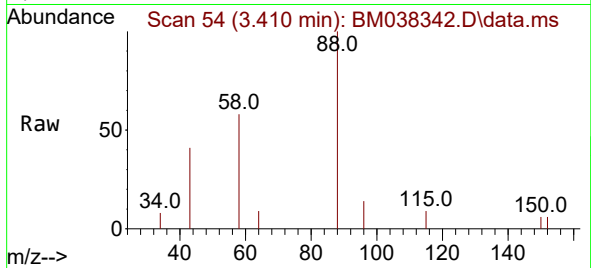




#2
1,4-Dioxane
Concen: 0.551 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

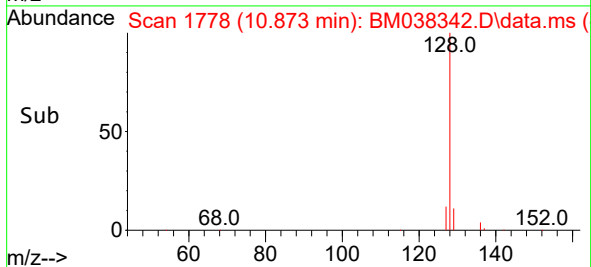
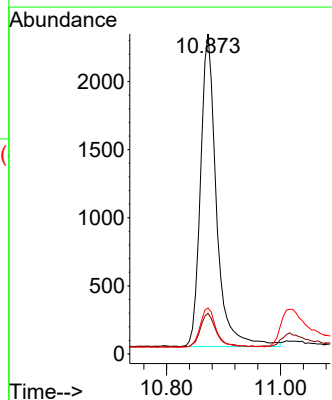
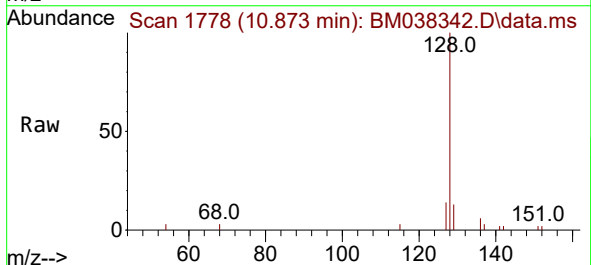
Instrument :
BNA_M
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SSTD0.4031

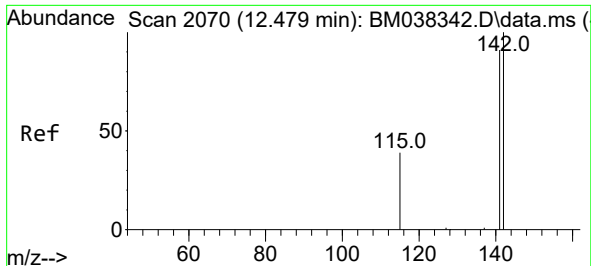
Tgt Ion: 88 Resp: 898
Ion Ratio Lower Upper
88 100
43 40.8 32.6 49.0
58 58.2 46.6 69.8



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion: 128 Resp: 4449
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.3 11.4 17.2

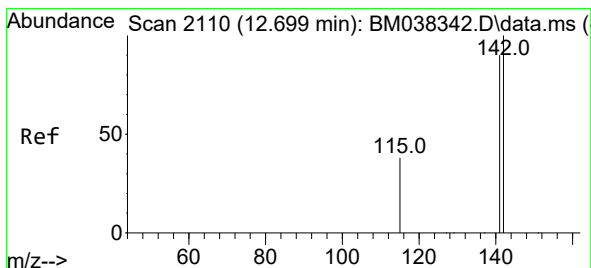
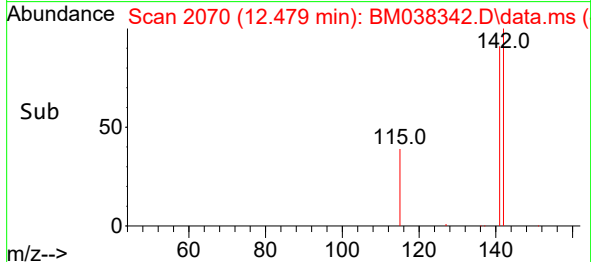
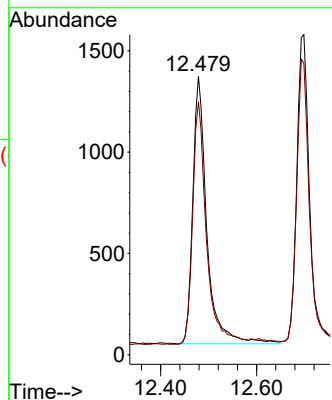
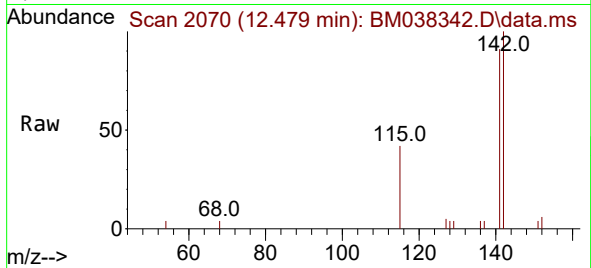




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.479 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

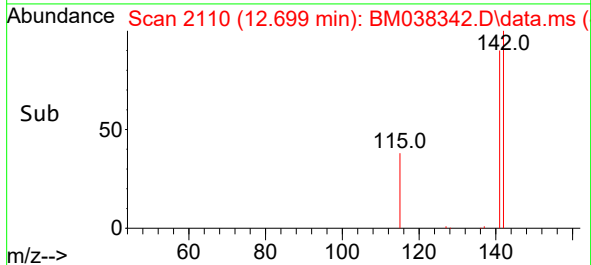
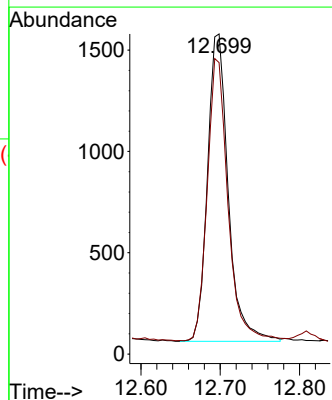
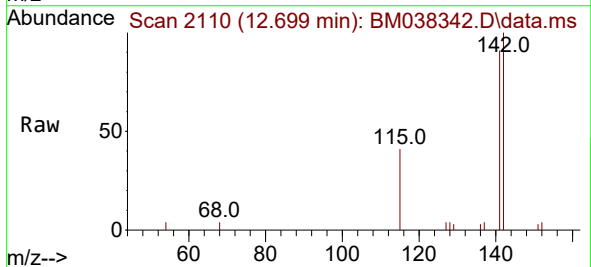
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

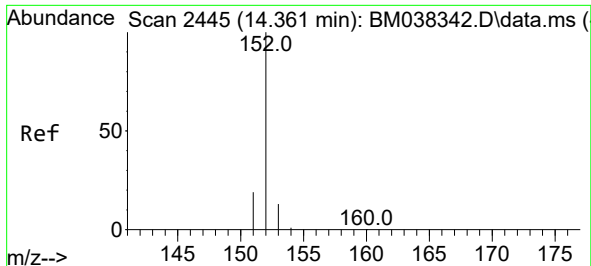
Tgt Ion:142 Resp: 2680
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.699 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:142 Resp: 2758
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

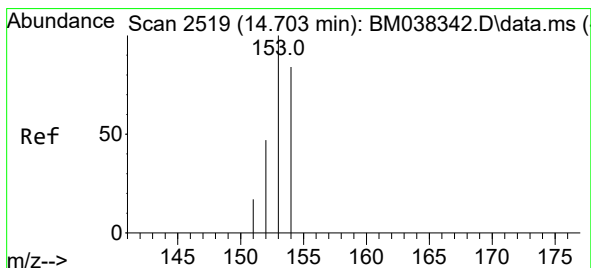
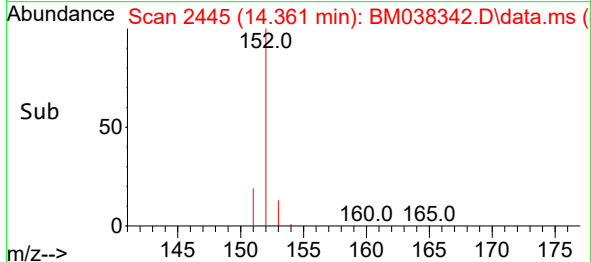
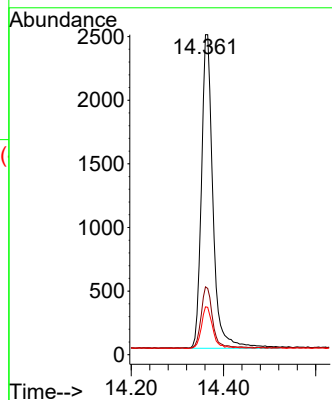
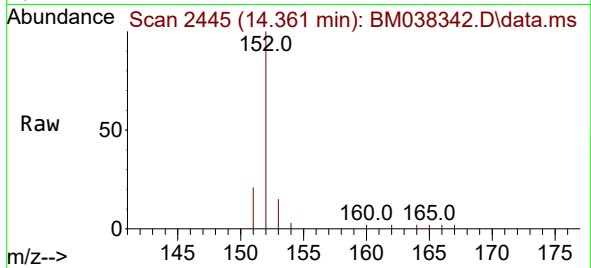




#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

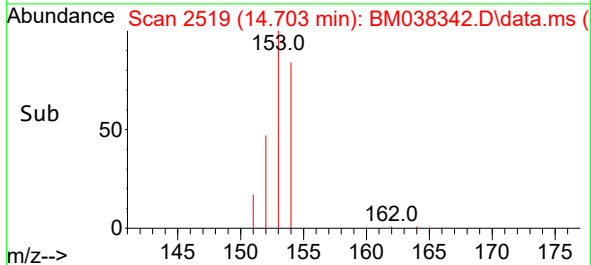
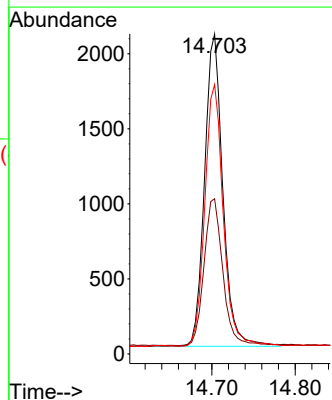
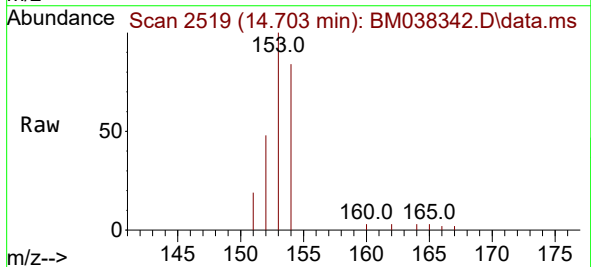
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

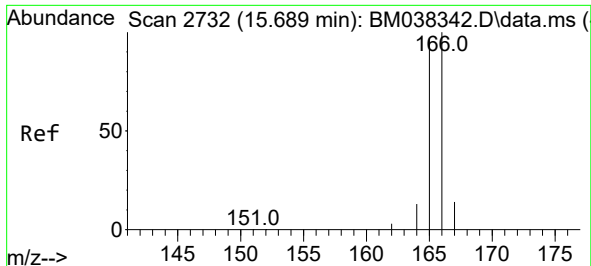
Tgt Ion:	152	Resp:	4273
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.4
153	15.0	12.0	18.0



#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:	153	Resp:	3175
Ion Ratio	Lower	Upper	
153	100		
152	48.5	38.8	58.2
154	84.1	67.3	100.9

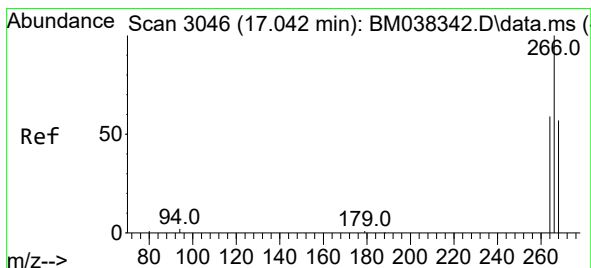
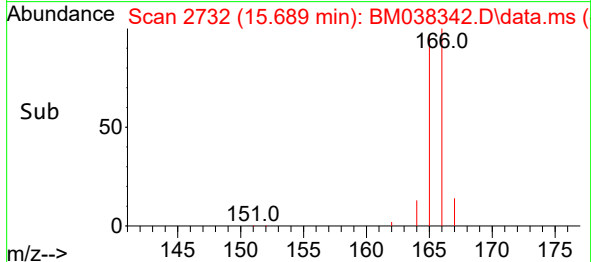
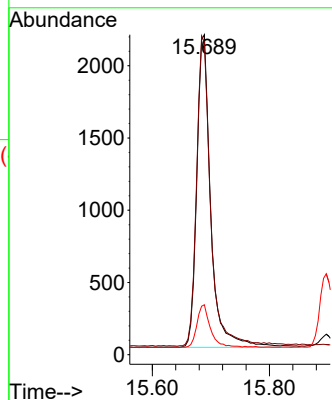
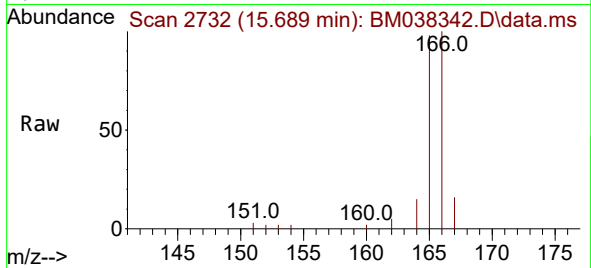




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

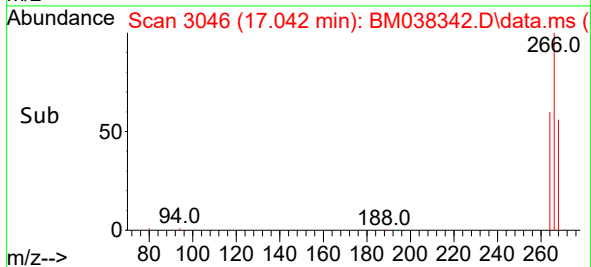
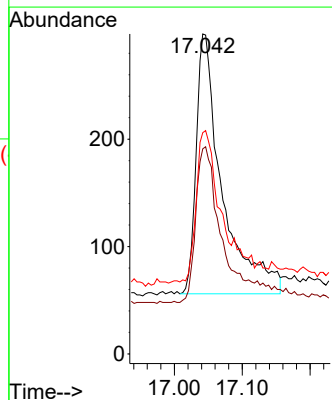
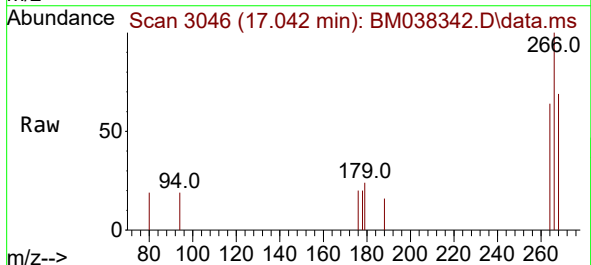
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

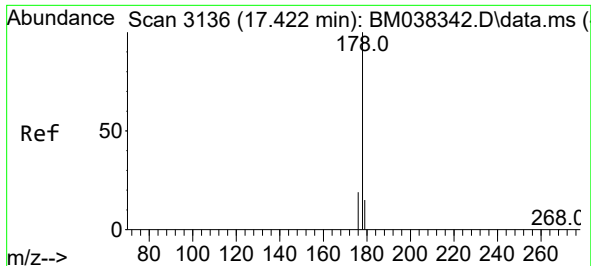
Tgt Ion:166 Resp: 3580
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 15.6 12.5 18.7



#14
Pentachlorophenol
Concen: 0.240 ng/ul
RT: 17.042 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:266 Resp: 645
Ion Ratio Lower Upper
266 100
264 62.5 50.0 75.0
268 60.2 48.2 72.2

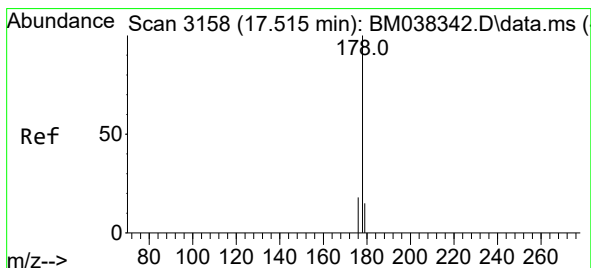
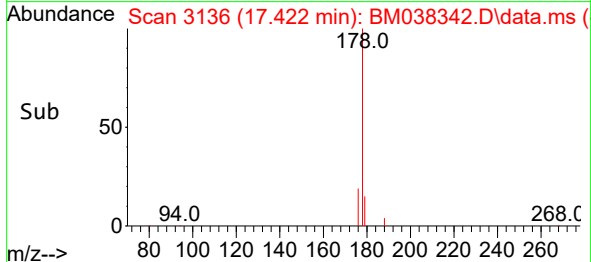
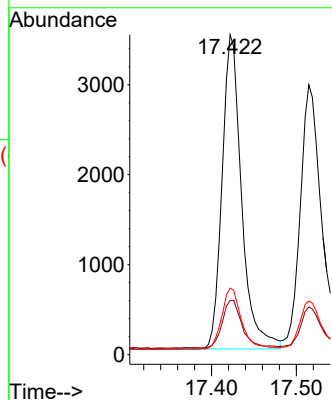
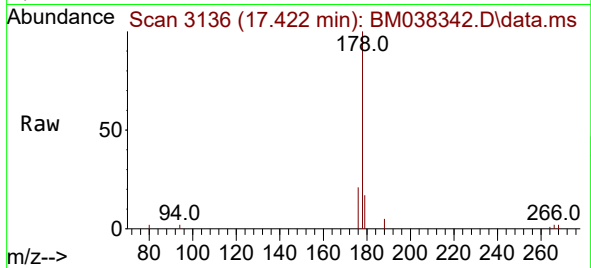




#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

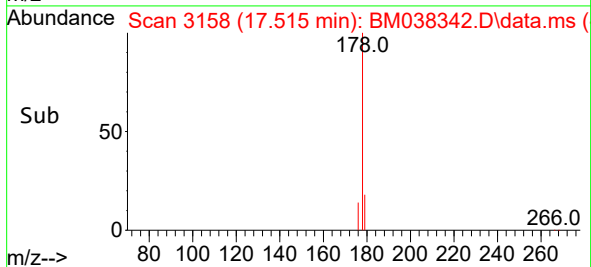
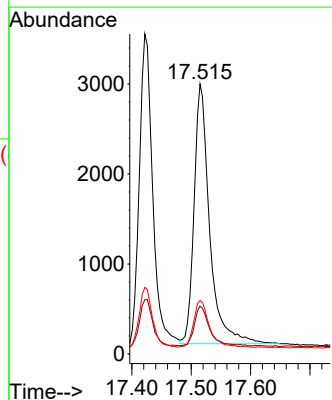
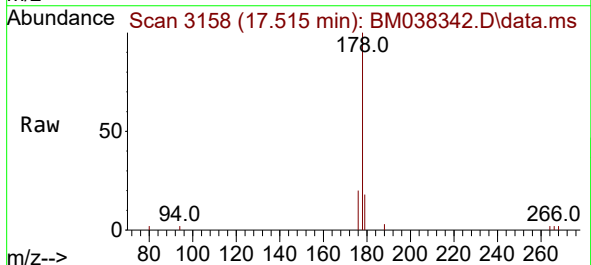
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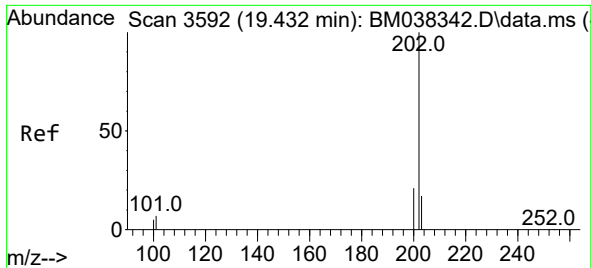
Tgt Ion:178 Resp: 5586
Ion Ratio Lower Upper
178 100
179 16.9 13.5 20.3
176 20.8 16.6 25.0



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.515 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:178 Resp: 5252
Ion Ratio Lower Upper
178 100
179 17.7 14.2 21.2
176 19.8 15.8 23.8

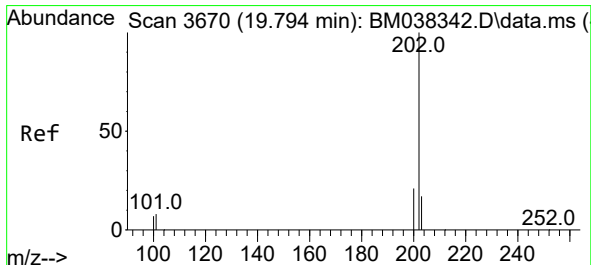
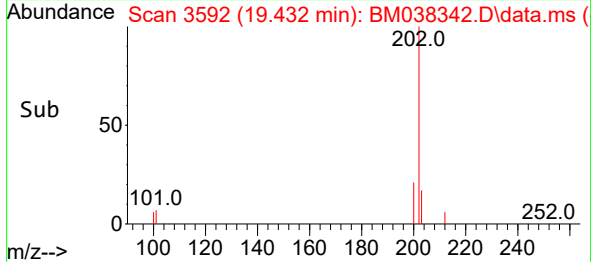
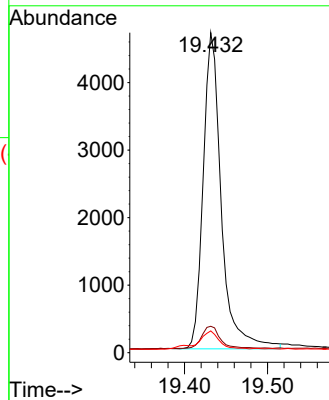
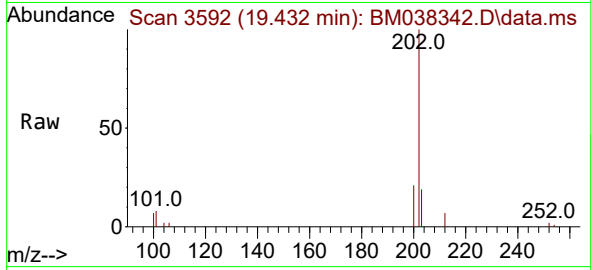




#19
Fluoranthene
Concen: 0.231 ng/ul
RT: 19.432 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

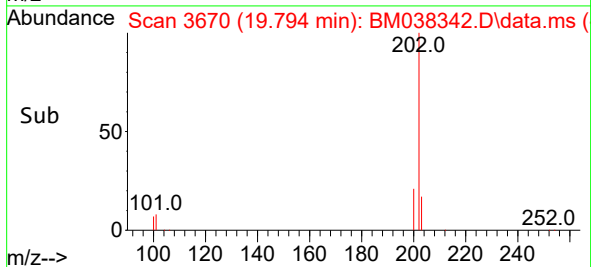
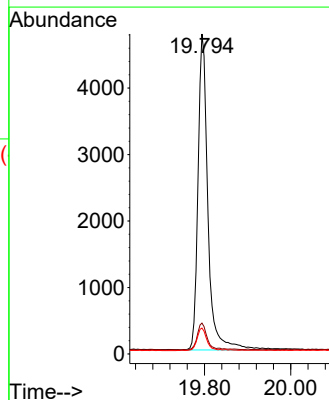
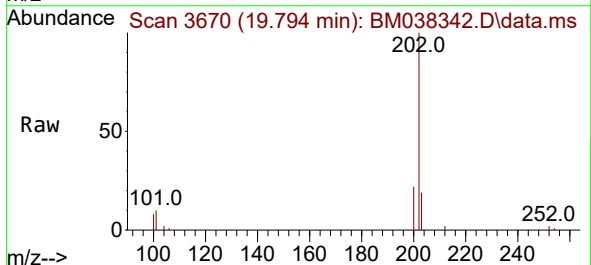
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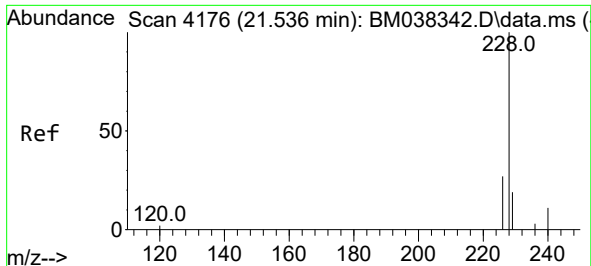
Tgt Ion:202 Resp: 7119
Ion Ratio Lower Upper
202 100
101 8.3 6.6 10.0
100 6.8 5.4 8.2



#20
Pyrene
Concen: 0.245 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:202 Resp: 7613
Ion Ratio Lower Upper
202 100
101 9.7 7.8 11.6
100 8.1 6.5 9.7

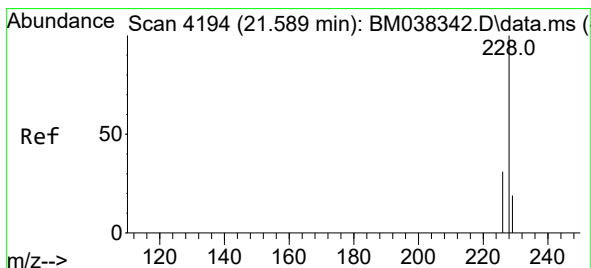
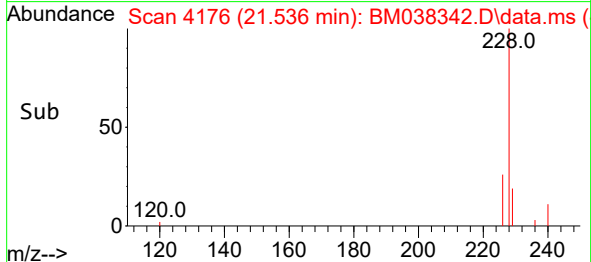
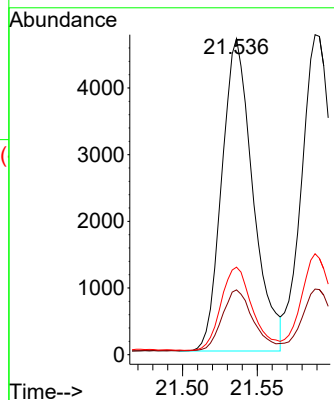
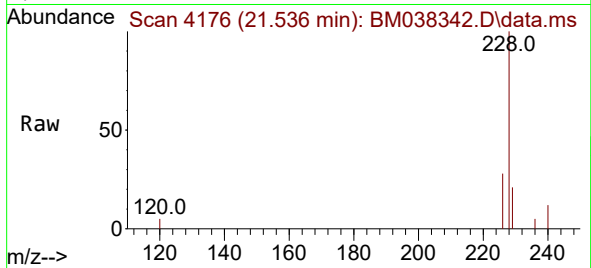




#21
Benzo(a)anthracene
Concen: 0.276 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

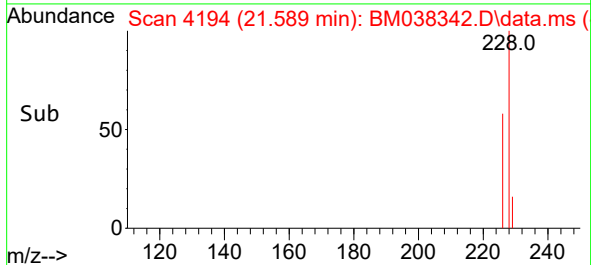
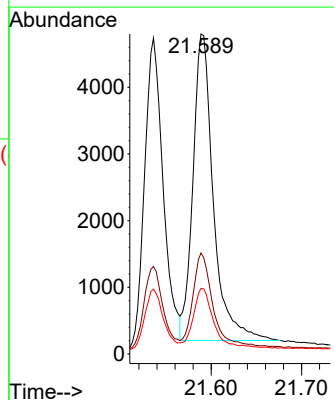
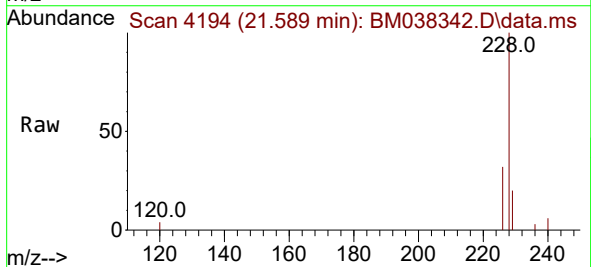
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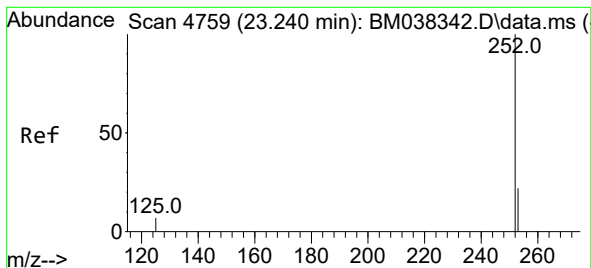
Tgt Ion:228 Resp: 6803
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.589 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:228 Resp: 7213
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 20.5 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.295 ng/ul

RT: 23.240 min Scan# 4759

Delta R.T. 0.000 min

Lab File: BM038342.D

Acq: 29 Dec 2022 14:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031

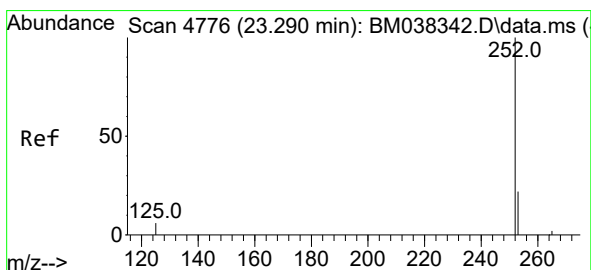
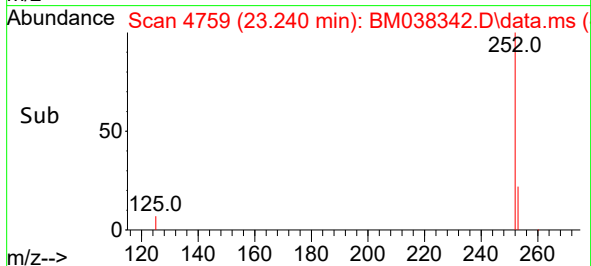
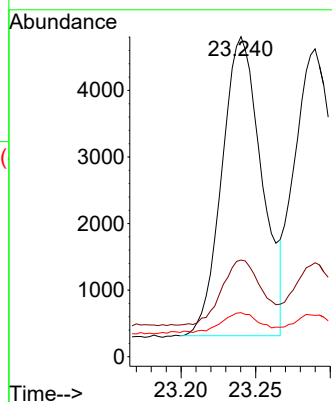
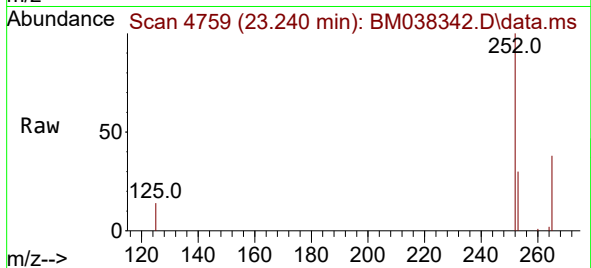
Tgt Ion:252 Resp: 8375

Ion Ratio Lower Upper

252 100

253 30.2 0.0 60.4

125 13.8 0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.310 ng/ul

RT: 23.290 min Scan# 4776

Delta R.T. 0.000 min

Lab File: BM038342.D

Acq: 29 Dec 2022 14:25

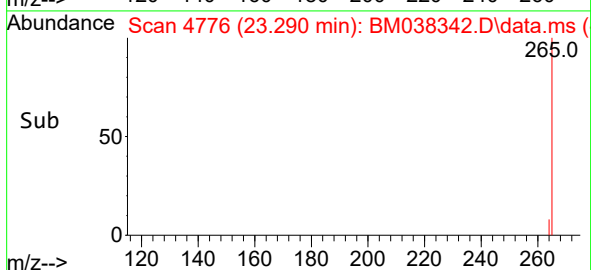
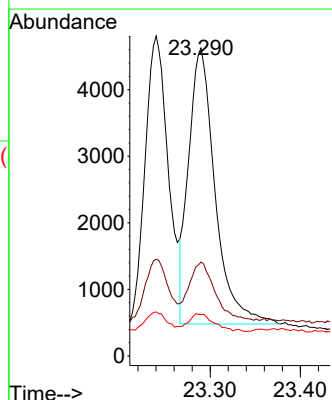
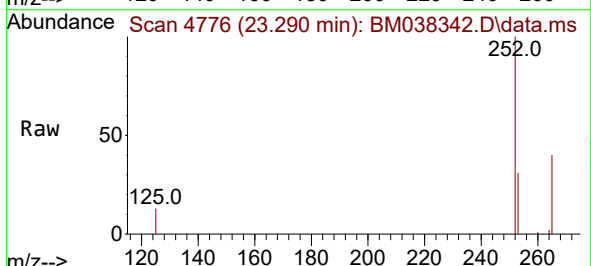
Tgt Ion:252 Resp: 8437

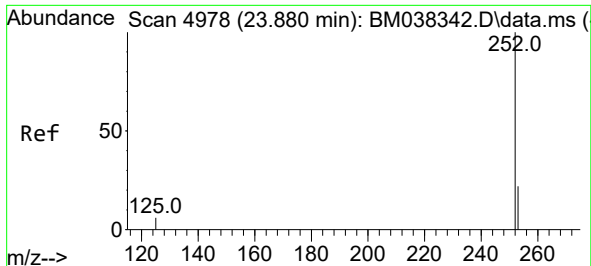
Ion Ratio Lower Upper

252 100

253 30.5 24.4 36.6

125 13.4 10.7 16.1

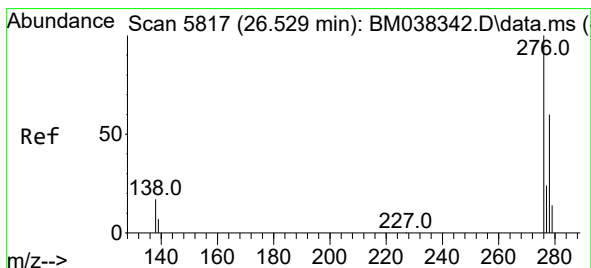
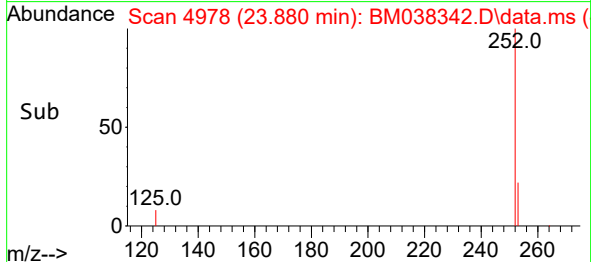
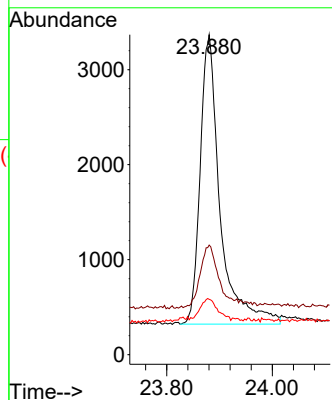
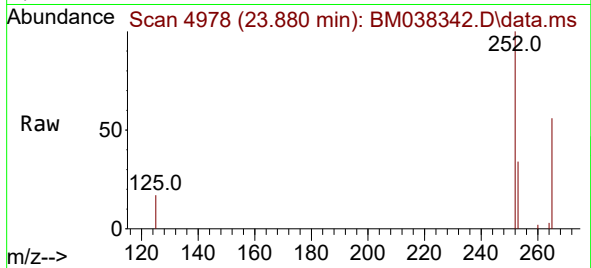




#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.880 min Scan# 4978
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

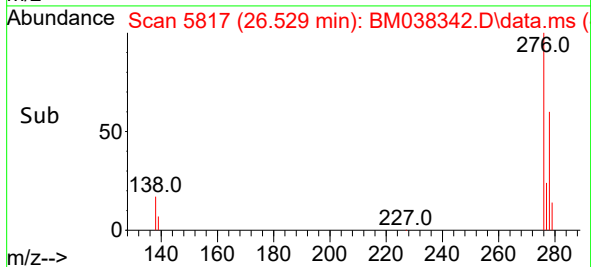
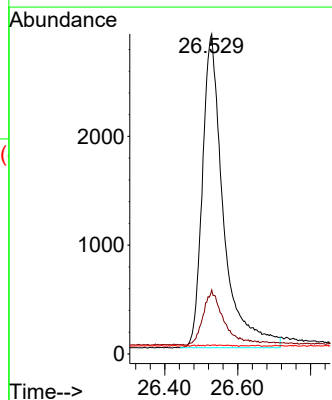
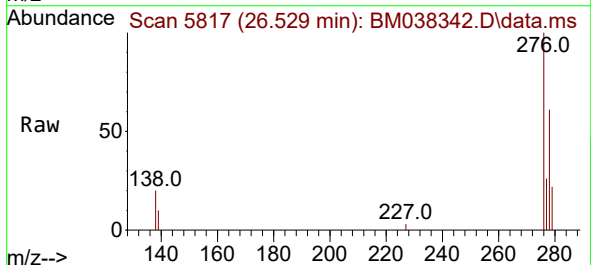
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

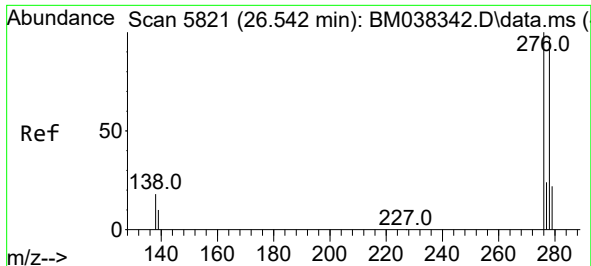
Tgt Ion:252 Resp: 7958
Ion Ratio Lower Upper
252 100
253 34.3 27.4 41.2
125 17.3 13.8 20.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.529 min Scan# 5817
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:276 Resp: 11523
Ion Ratio Lower Upper
276 100
138 17.6 14.1 21.1
227 0.1 0.1 0.1

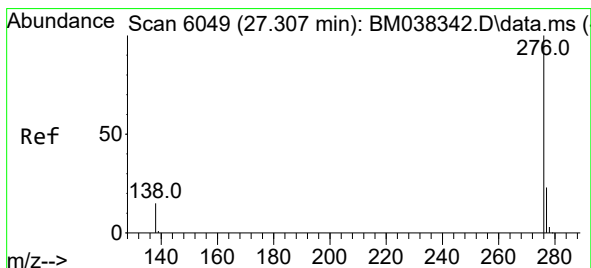
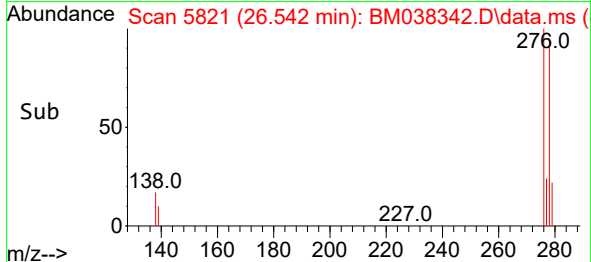
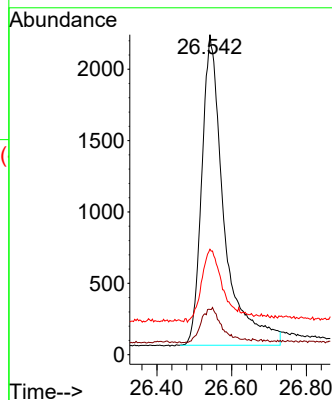
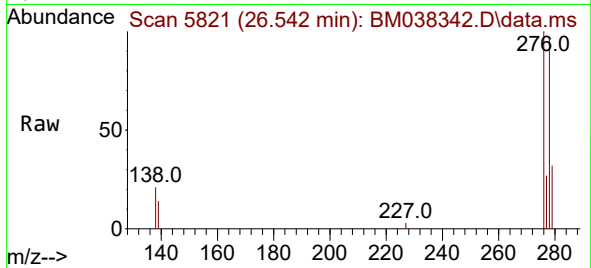




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

Tgt Ion:278 Resp: 9041
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.0
279 33.0 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.307 min Scan# 6049
Delta R.T. 0.000 min
Lab File: BM038342.D
Acq: 29 Dec 2022 14:25

Tgt Ion:276 Resp: 10346
Ion Ratio Lower Upper
276 100
138 18.0 14.4 21.6
277 25.9 20.7 31.1

