

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040347.D
 Acq On : 22 Jun 2023 14:09
 Operator : MA/JU
 Sample : SSTD0.490
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4024

Quant Time: Jun 23 00:38:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:36:05 2023
 Response via : Initial Calibration

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

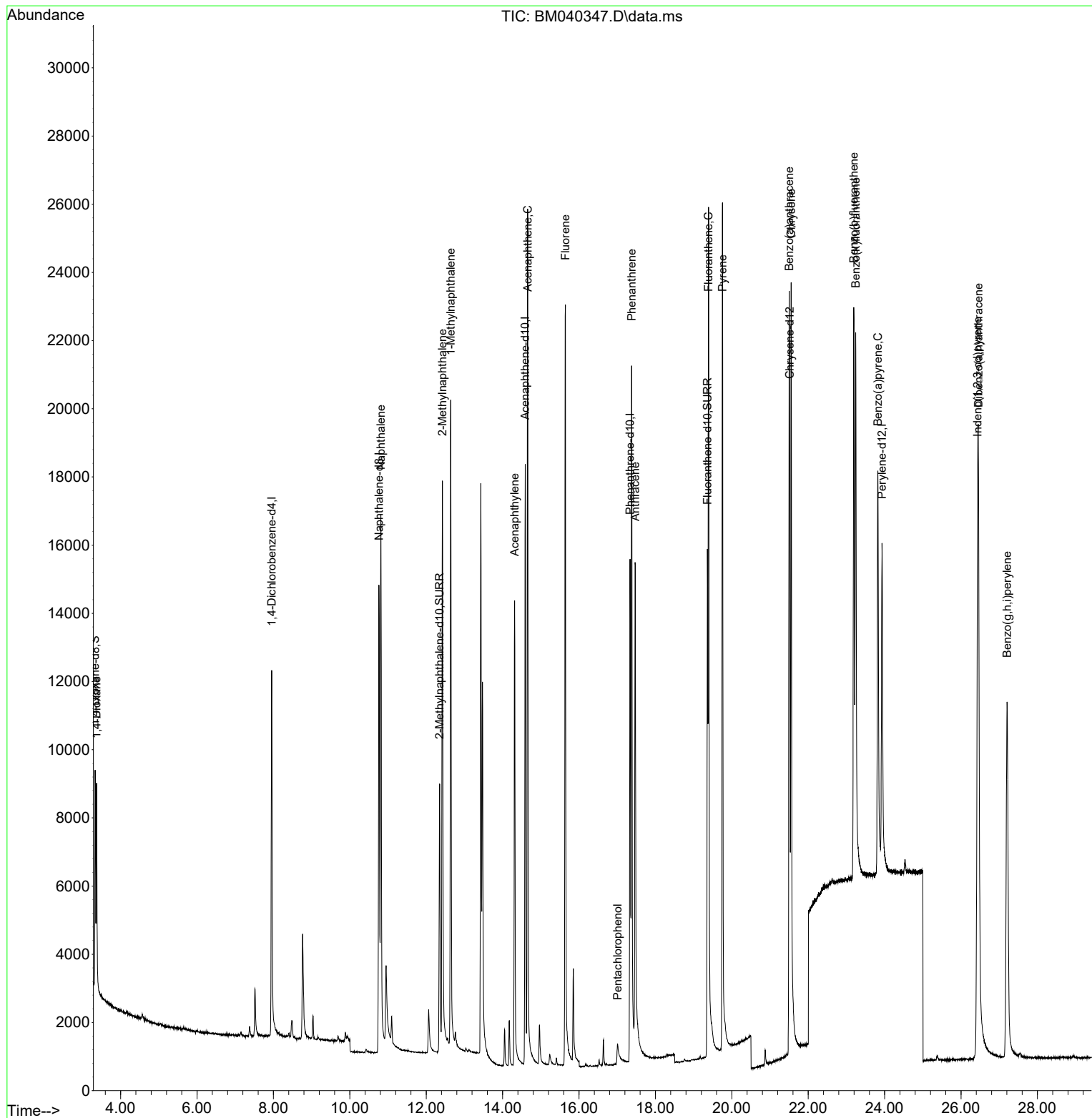
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6075	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	21183	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	9907	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	18729	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	13829	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	14739	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3919	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	12010	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	17703	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	3948	0.406	ng/ul	100
5) Naphthalene	10.811	128	23343	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.422	142	13871	0.404	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	13818	0.403	ng/ul	100
10) Acenaphthylene	14.313	152	17788	0.402	ng/ul	100
11) Acenaphthene	14.656	153	15199	0.407	ng/ul	100
12) Fluorene	15.641	166	16211	0.406	ng/ul	100
14) Pentachlorophenol	17.011	266	1101	0.305	ng/ul	91
15) Phenanthrene	17.379	178	23311	0.401	ng/ul	100
16) Anthracene	17.472	178	19622	0.401	ng/ul	100
19) Fluoranthene	19.389	202	23516	0.400	ng/ul	100
20) Pyrene	19.756	202	25083	0.398	ng/ul	100
21) Benzo(a)anthracene	21.500	228	18647	0.399	ng/ul	100
22) Chrysene	21.553	228	21480	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.192	252	22893	0.401	ng/ul	100
25) Benzo(k)fluoranthene	23.242	252	22668	0.403	ng/ul	100
26) Benzo(a)pyrene	23.824	252	20732	0.404	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.434	276	28990	0.405	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.454	278	22709	0.405	ng/ul	100
29) Benzo(g,h,i)perylene	27.205	276	25565	0.408	ng/ul	100

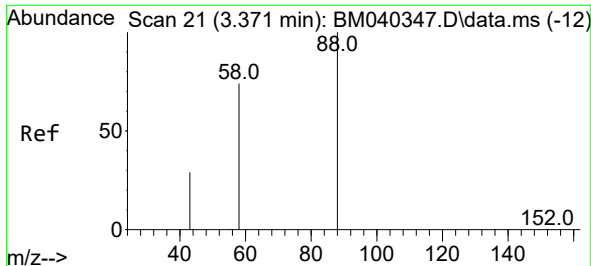
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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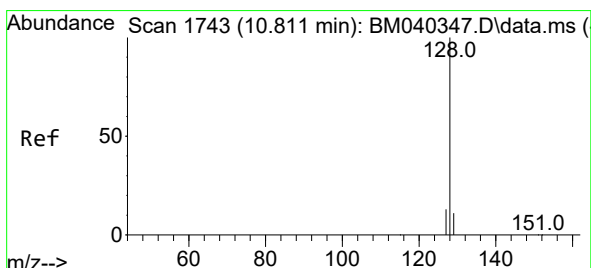
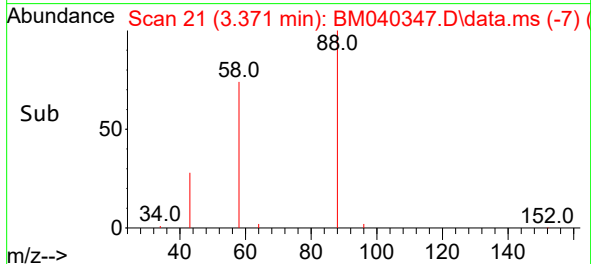
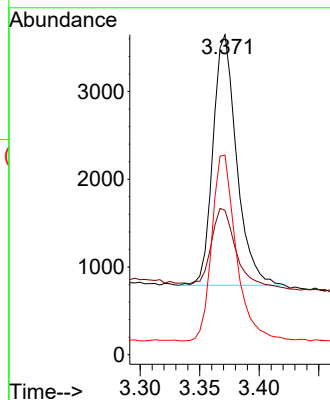
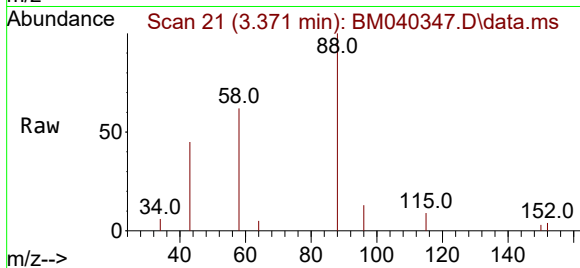




#2
1,4-Dioxane
Concen: 0.406 ng/ul
RT: 3.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

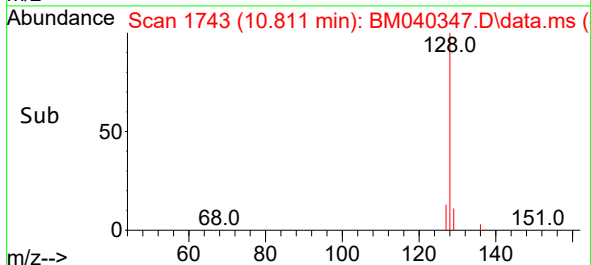
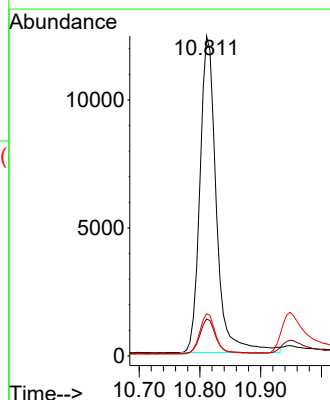
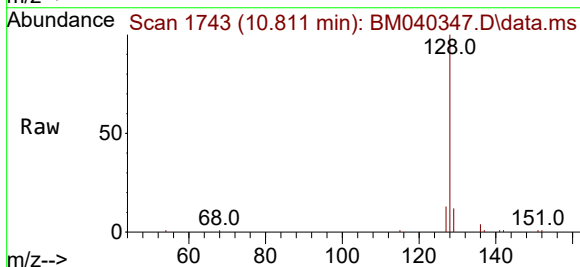
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

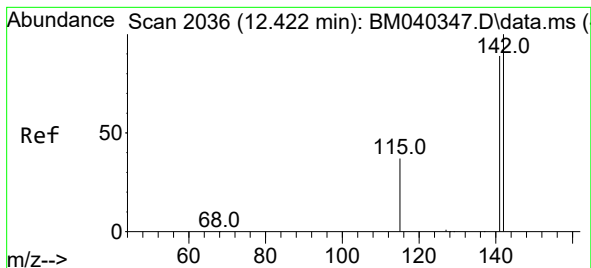
Tgt Ion: 88 Resp: 3948
Ion Ratio Lower Upper
88 100
43 45.1 36.1 54.1
58 62.3 49.8 74.8



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion: 128 Resp: 23343
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.6 15.8

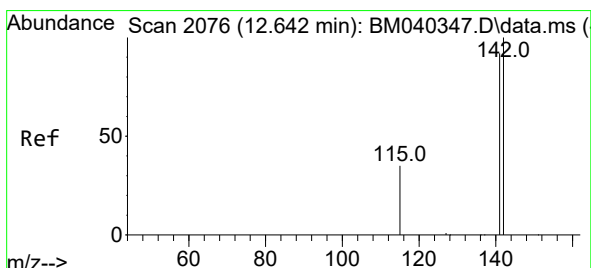
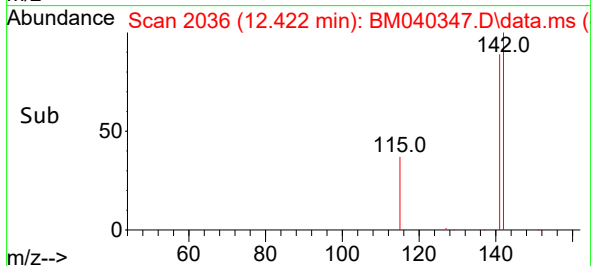
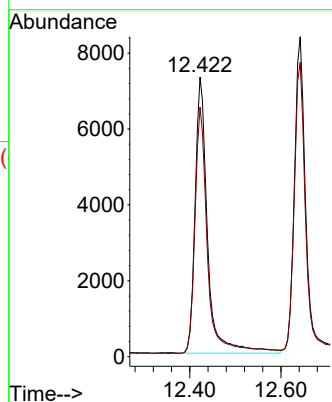
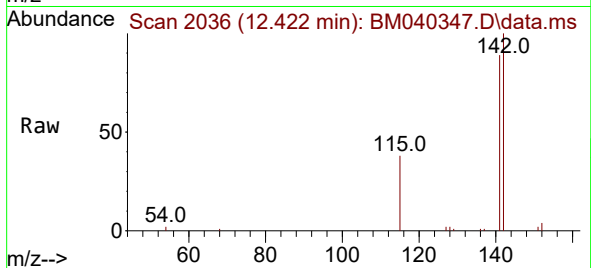




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

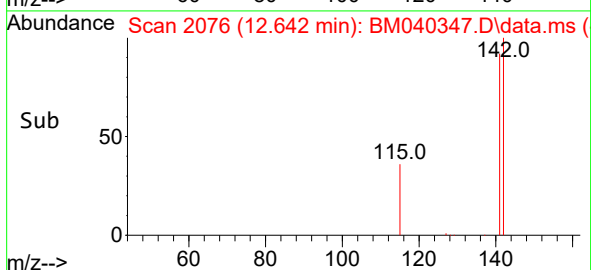
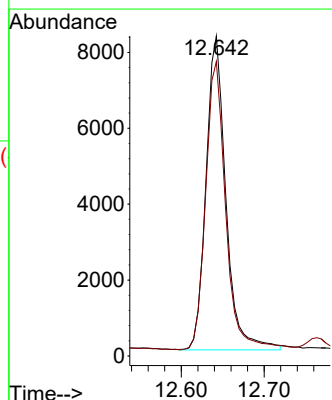
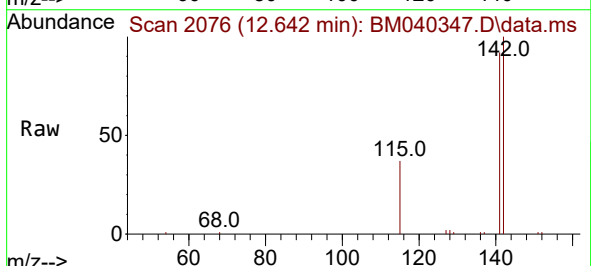
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

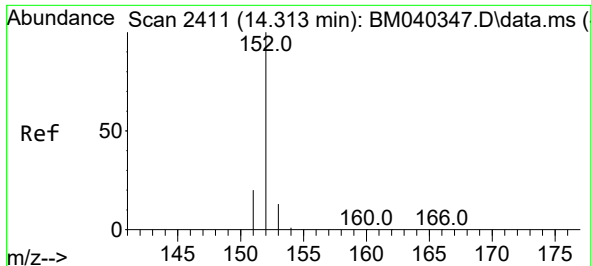
Tgt Ion:142 Resp: 13871
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:142 Resp: 13818
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

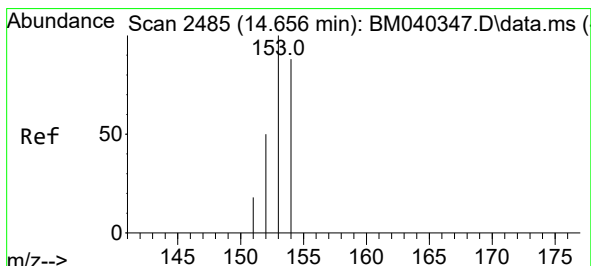
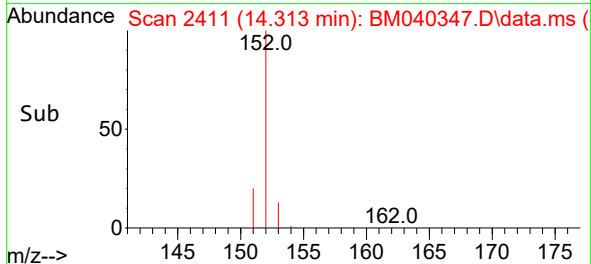
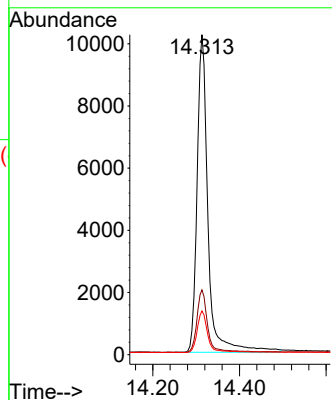
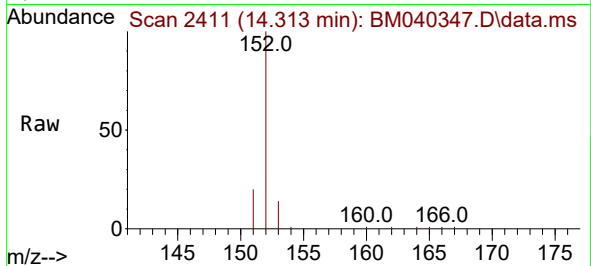




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

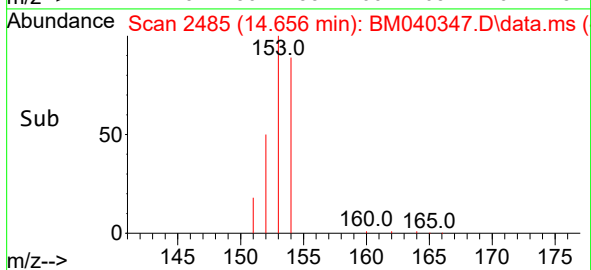
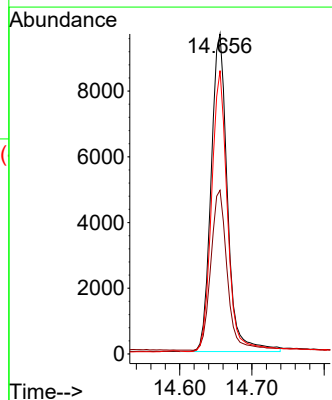
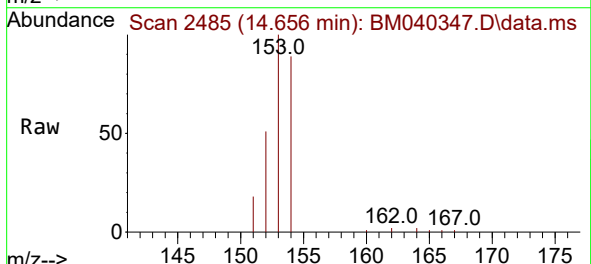
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

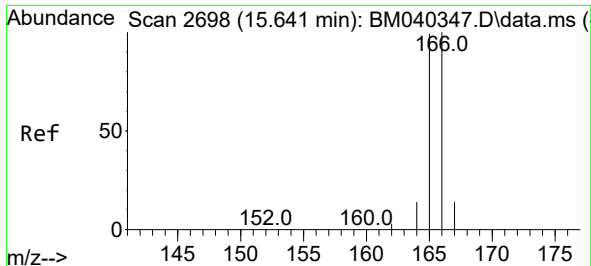
Tgt Ion:152 Resp: 17788
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:153 Resp: 15199
Ion Ratio Lower Upper
153 100
152 51.2 41.0 61.4
154 88.5 70.8 106.2

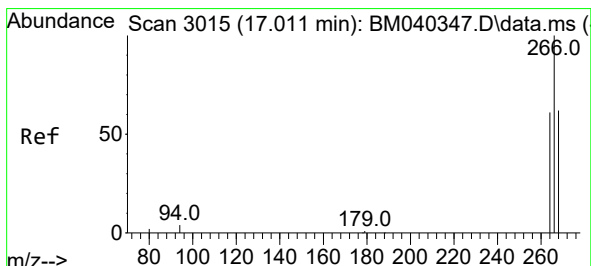
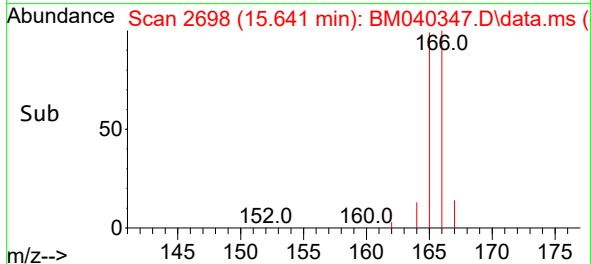
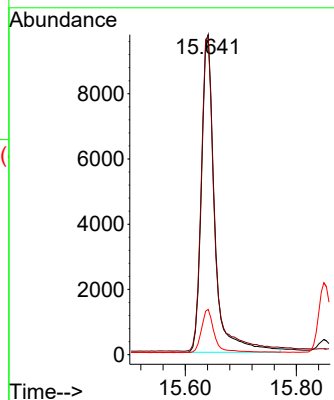
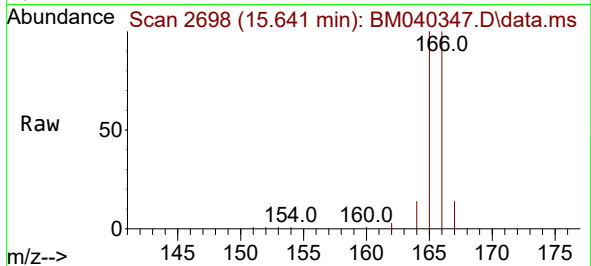




#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.641 min Scan# 2698
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

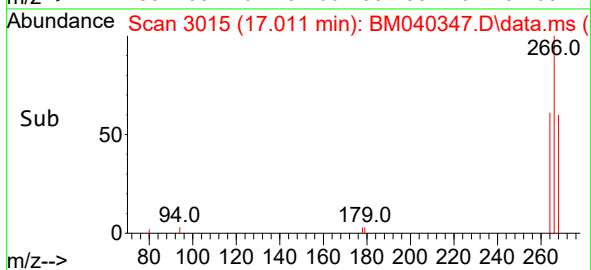
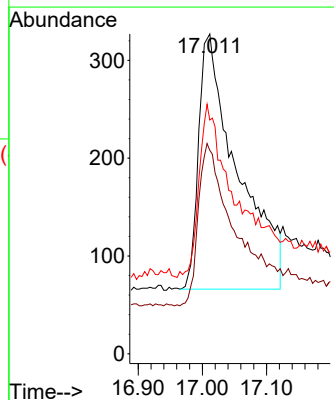
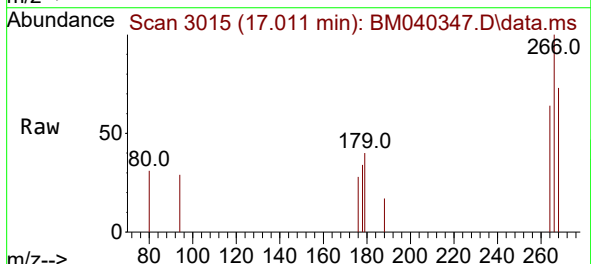
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

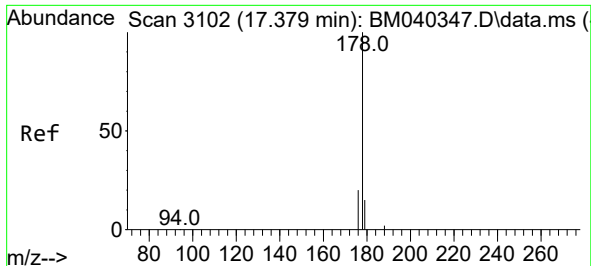
Tgt Ion:	166	Resp:	16211
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.6	119.4
167	14.2	11.4	17.0



#14
Pentachlorophenol
Concen: 0.305 ng/ul
RT: 17.011 min Scan# 3015
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:	266	Resp:	1101
Ion Ratio	Lower	Upper	
266	100		
264	63.2	45.4	68.0
268	65.8	47.2	70.8

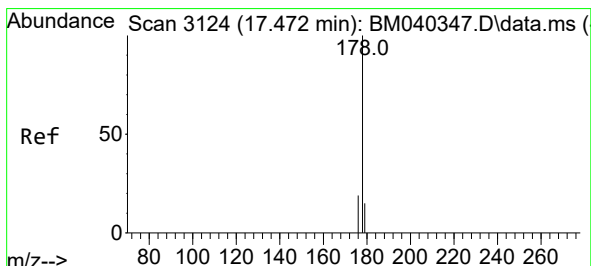
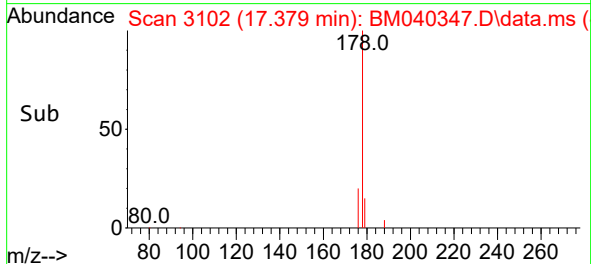
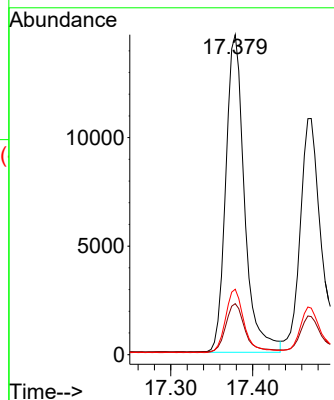
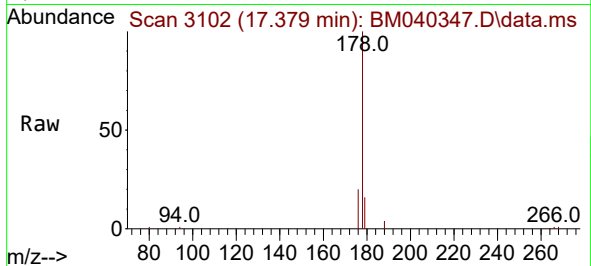




#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

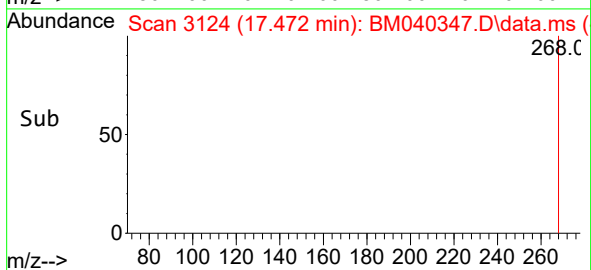
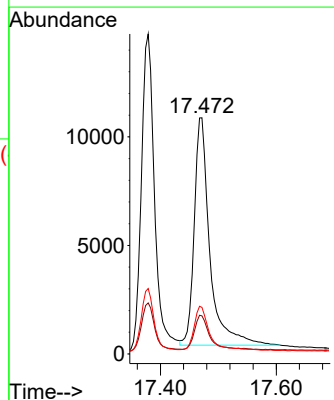
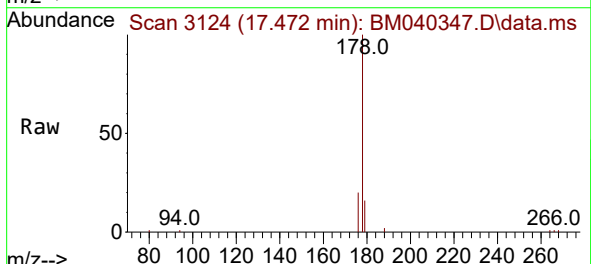
Instrument :
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ClientSampleId :
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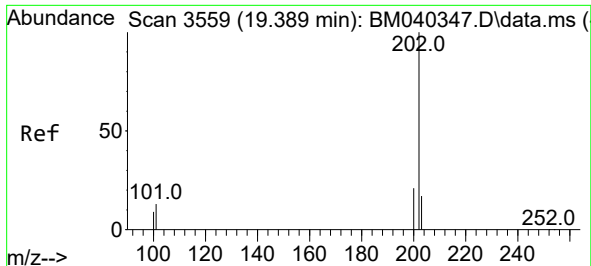
Tgt Ion:178 Resp: 23311
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.5 16.4 24.6



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:178 Resp: 19622
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.7 15.8 23.6

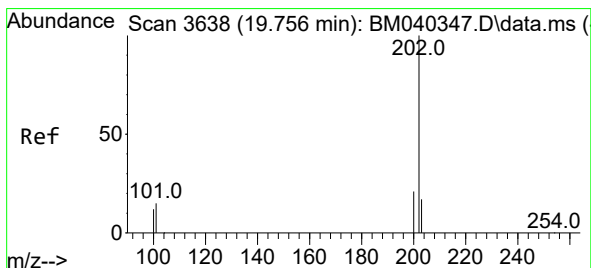
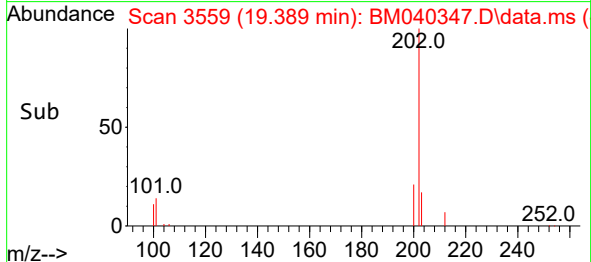
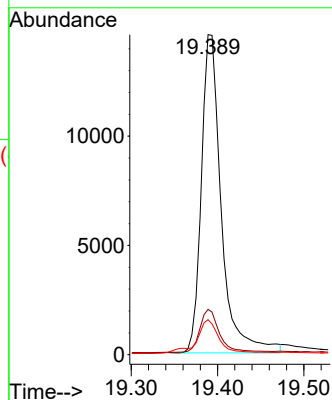
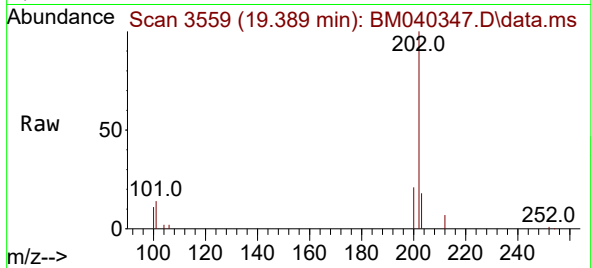




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

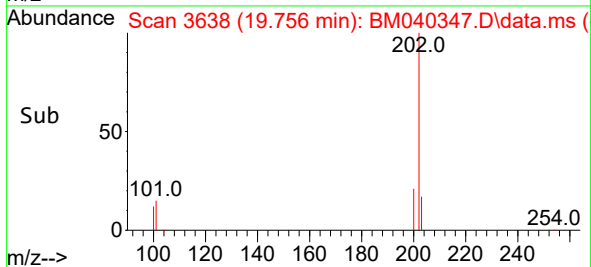
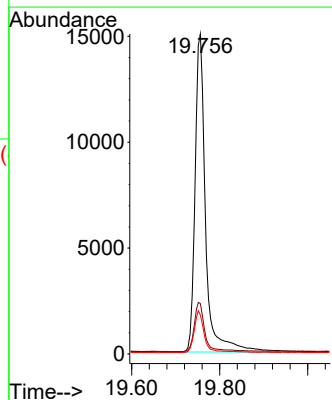
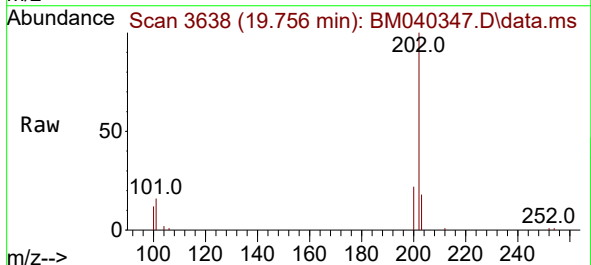
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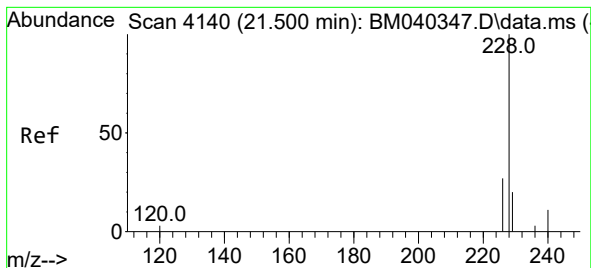
Tgt Ion:202 Resp: 23516
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.756 min Scan# 3638
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:202 Resp: 25083
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 12.2 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.399 ng/ul

RT: 21.500 min Scan# 4140

Delta R.T. 0.000 min

Lab File: BM040347.D

Acq: 22 Jun 2023 14:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

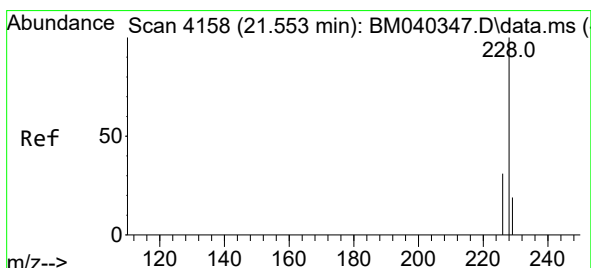
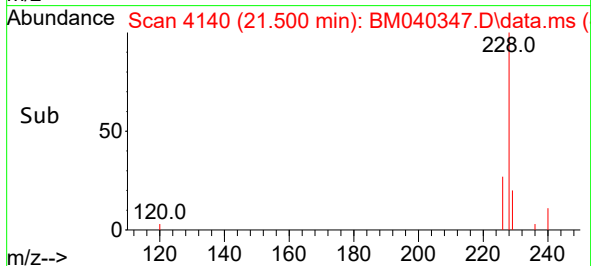
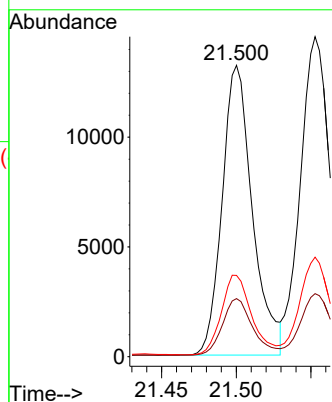
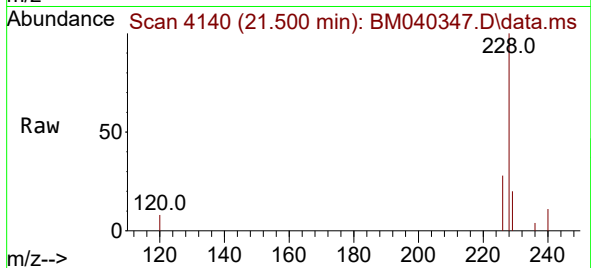
Tgt Ion:228 Resp: 18647

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

226 27.9 22.3 33.5



#22

Chrysene

Concen: 0.403 ng/ul

RT: 21.553 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BM040347.D

Acq: 22 Jun 2023 14:09

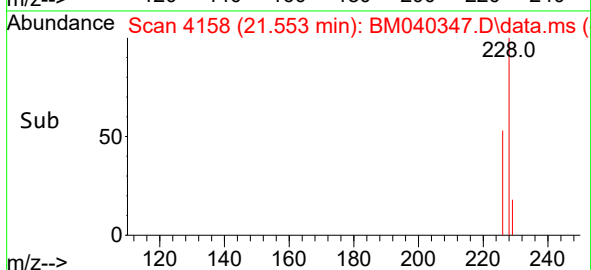
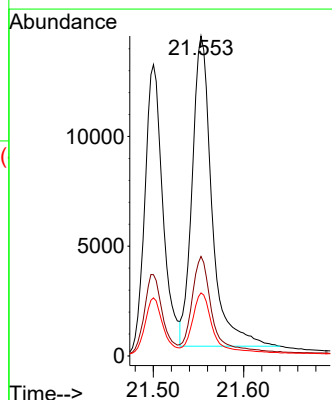
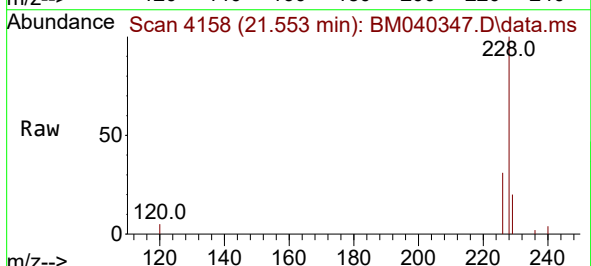
Tgt Ion:228 Resp: 21480

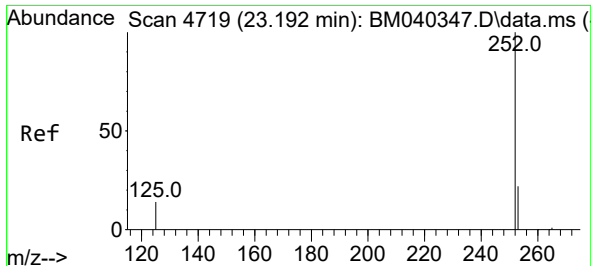
Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 19.7 15.8 23.6

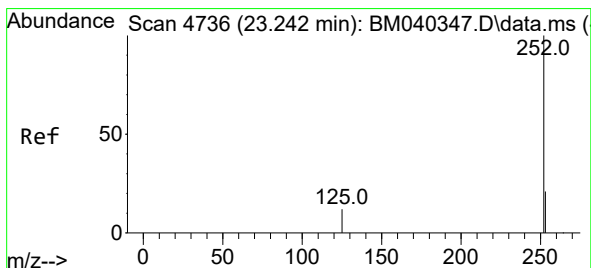
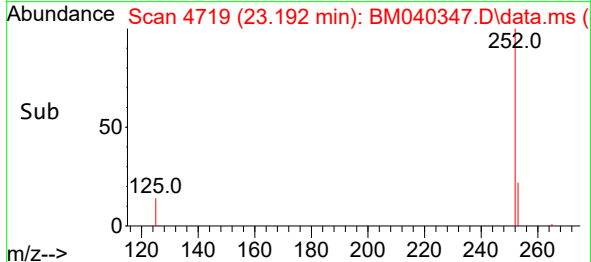
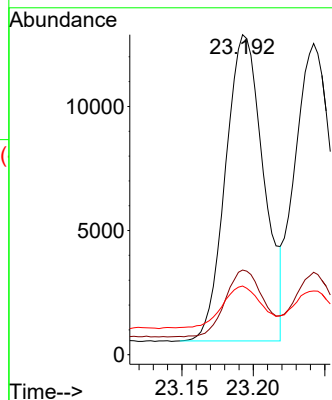
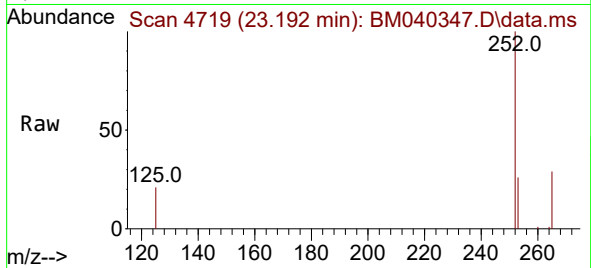




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

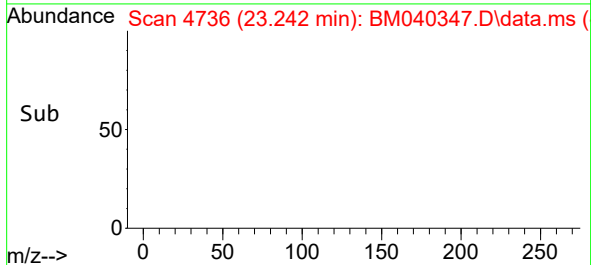
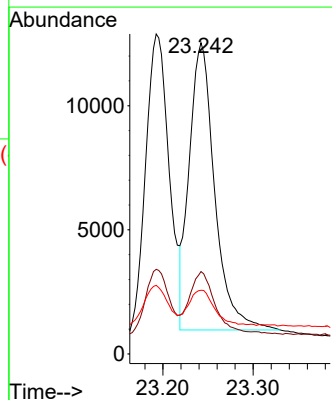
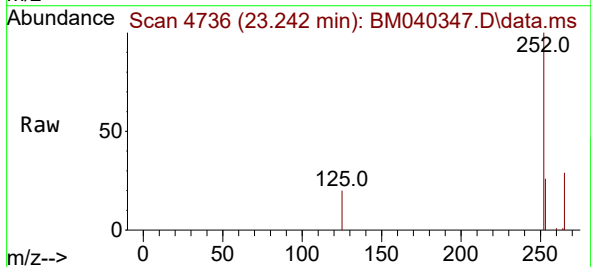
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

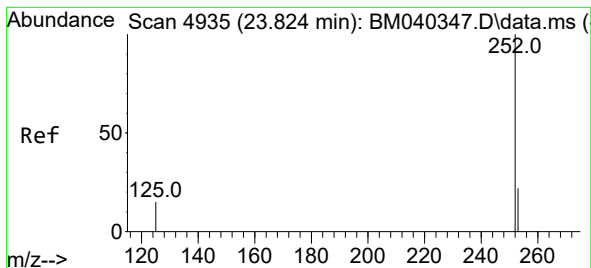
Tgt Ion:252 Resp: 22893
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.8
125 21.5 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 23.242 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:252 Resp: 22668
Ion Ratio Lower Upper
252 100
253 26.5 21.2 31.8
125 20.5 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.824 min Scan# 4935

Delta R.T. 0.000 min

Lab File: BM040347.D

Acq: 22 Jun 2023 14:09

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

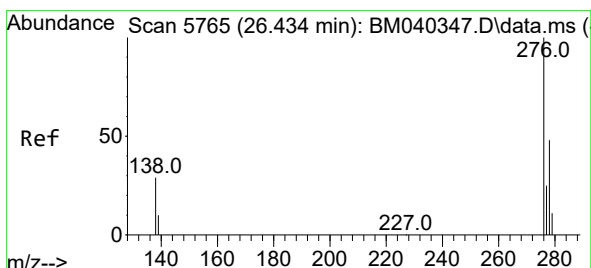
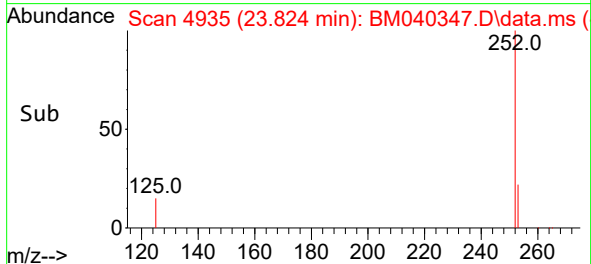
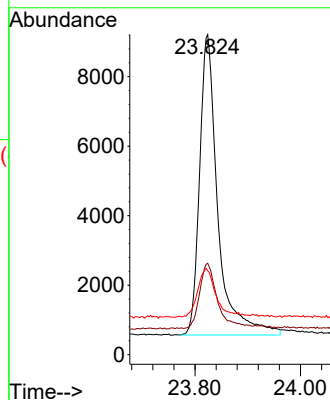
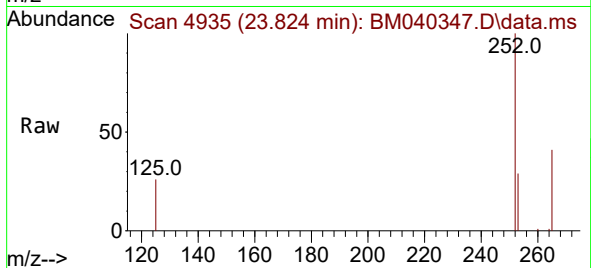
Tgt Ion:252 Resp: 20732

Ion Ratio Lower Upper

252 100

253 28.6 22.9 34.3

125 26.2 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.405 ng/ul

RT: 26.434 min Scan# 5765

Delta R.T. 0.000 min

Lab File: BM040347.D

Acq: 22 Jun 2023 14:09

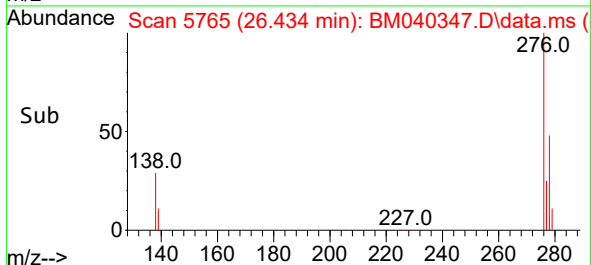
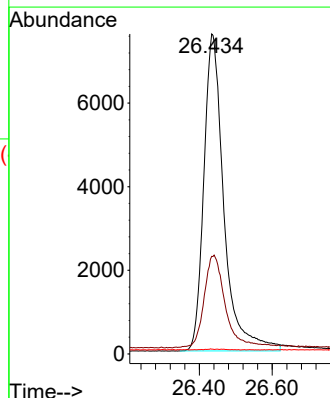
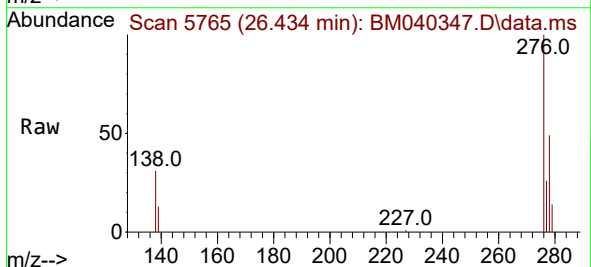
Tgt Ion:276 Resp: 28990

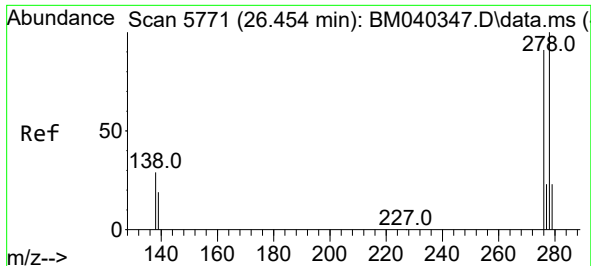
Ion Ratio Lower Upper

276 100

138 30.6 24.5 36.7

227 0.1 0.1 0.1#

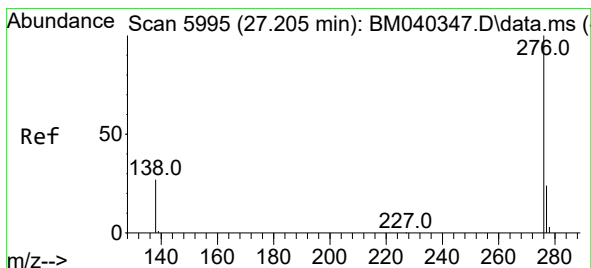
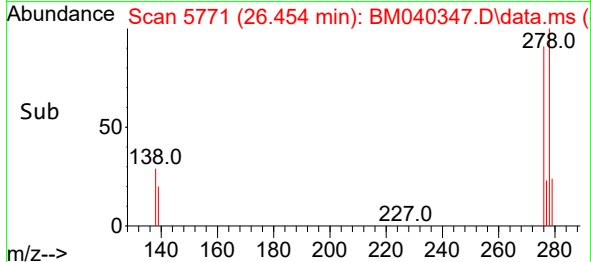
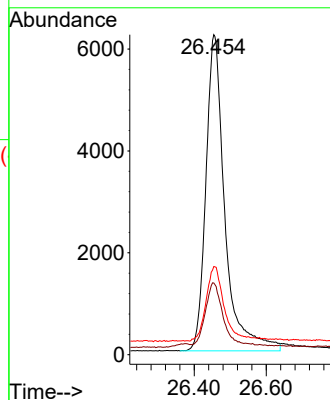
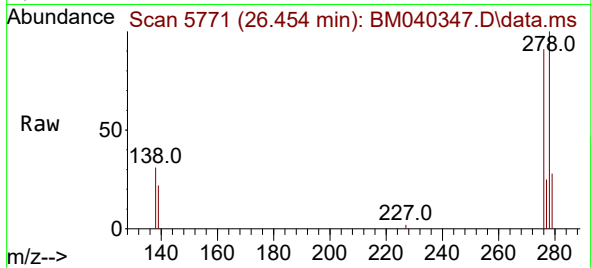




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.454 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:278 Resp: 22709
Ion Ratio Lower Upper
278 100
139 22.4 17.9 26.9
279 27.5 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040347.D
Acq: 22 Jun 2023 14:09

Tgt Ion:276 Resp: 25565
Ion Ratio Lower Upper
276 100
138 28.8 23.0 34.6
277 25.4 20.3 30.5

