

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038070.D
 Acq On : 16 Dec 2022 17:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4191

Quant Time: Dec 16 23:21:10 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 : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

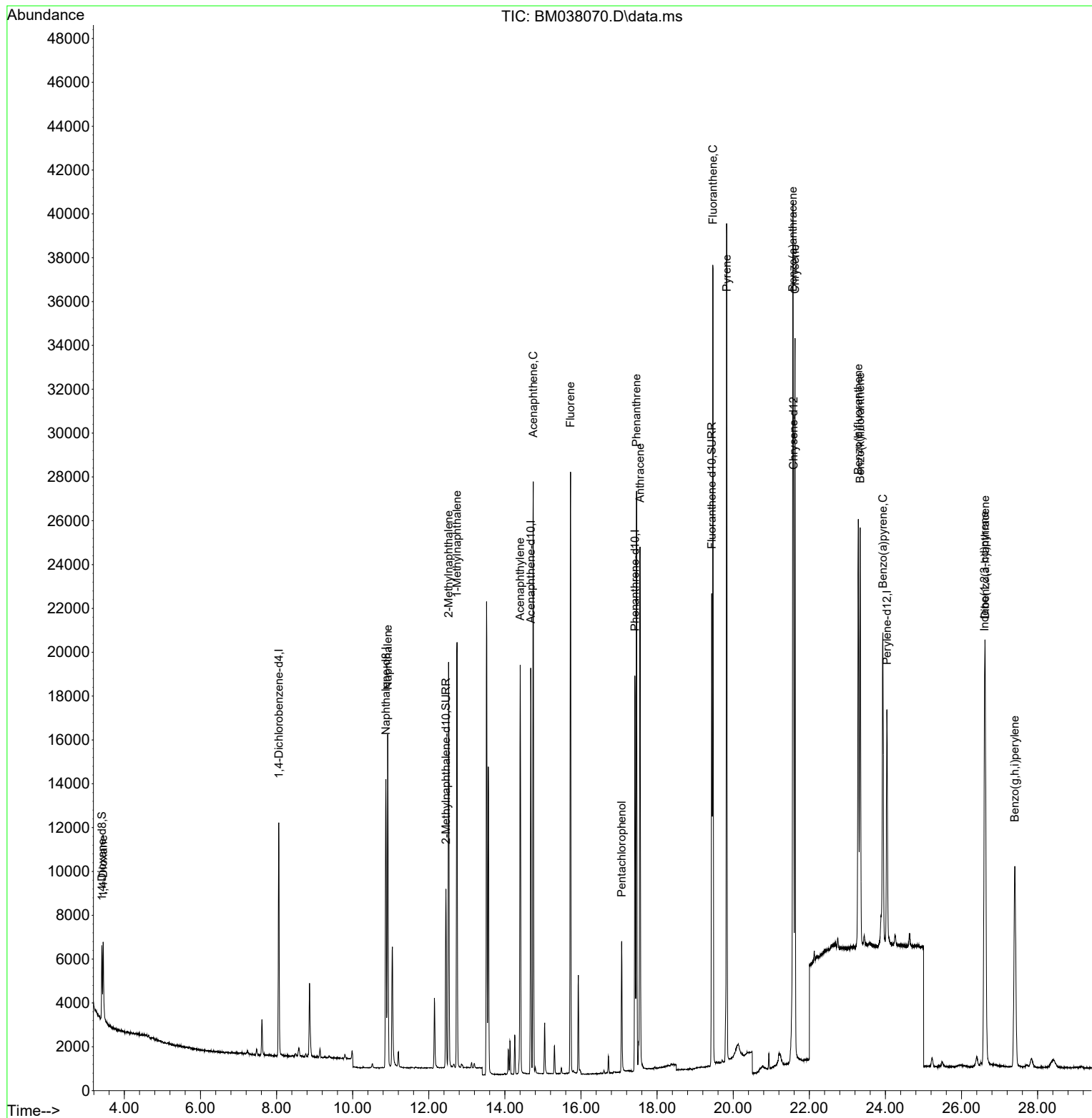
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5604	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	17278	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	20831	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	15611	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	14499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2638	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	10424	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	21957	0.388	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	2573	0.373	ng/ul	90
5) Naphthalene	10.922	128	20237	0.387	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	12882	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	13190	0.401	ng/ul	99
10) Acenaphthylene	14.402	152	20448	0.405	ng/ul	100
11) Acenaphthene	14.745	153	14919	0.390	ng/ul	98
12) Fluorene	15.725	166	16816	0.397	ng/ul	99
14) Pentachlorophenol	17.071	266	3961	0.459	ng/ul	99
15) Phenanthrene	17.459	178	26696	0.381	ng/ul	100
16) Anthracene	17.552	178	25624	0.395	ng/ul	100
19) Fluoranthene	19.468	202	30458	0.378	ng/ul	94
20) Pyrene	19.831	202	31422	0.382	ng/ul	95
21) Benzo(a)anthracene	21.568	228	28665	0.425	ng/ul	96
22) Chrysene	21.623	228	27127	0.399	ng/ul	98
24) Benzo(b)fluoranthene	23.287	252	26133	0.380	ng/ul	97
25) Benzo(k)fluoranthene	23.336	252	25106	0.378	ng/ul	97
26) Benzo(a)pyrene	23.933	252	21803	0.377	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.605	276	24756	0.341	ng/ul	92
28) Dibenzo(a,h)anthracene	26.622	278	19761	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	27.400	276	20428	0.331	ng/ul	96

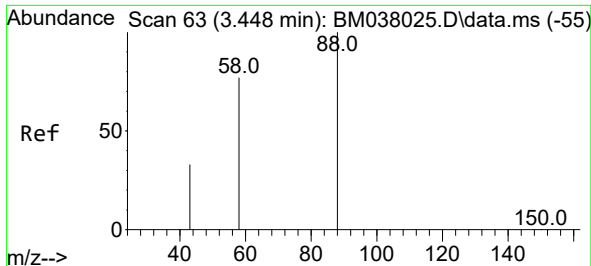
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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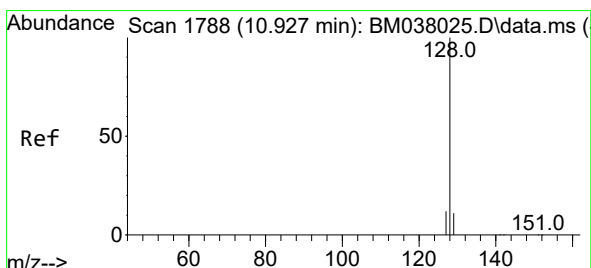
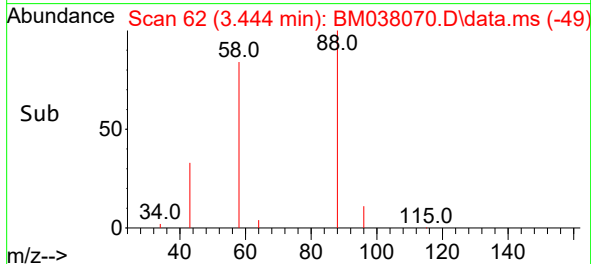
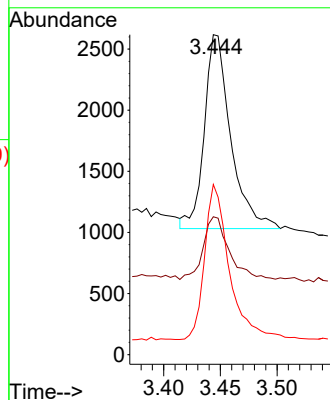
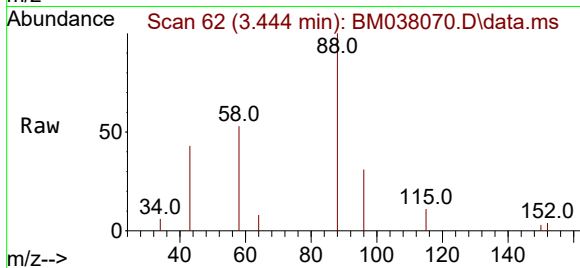




#2
1,4-Dioxane
Concen: 0.373 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

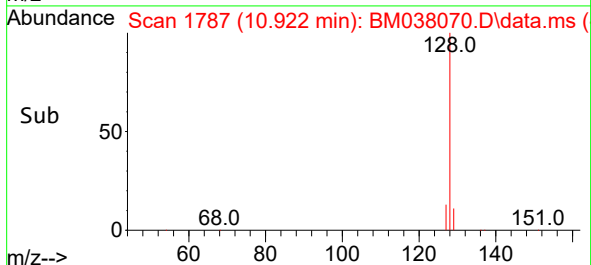
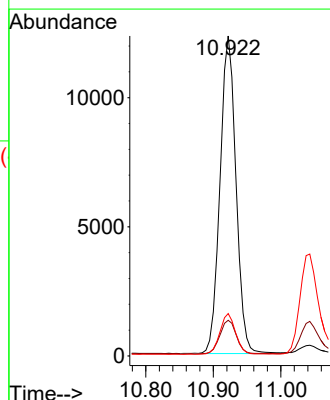
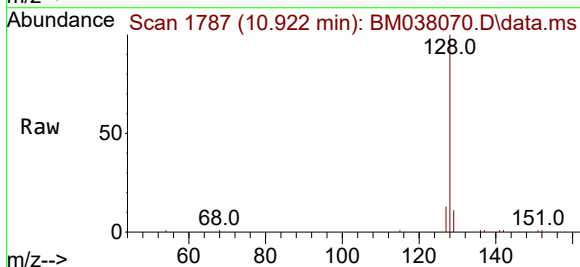
Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

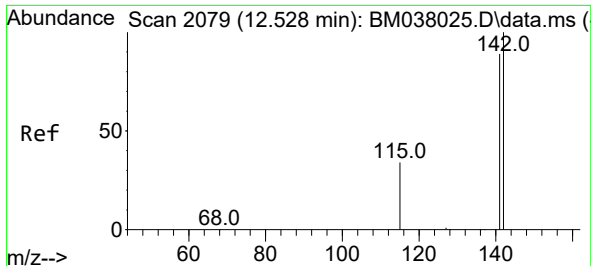
Tgt Ion: 88 Resp: 2573
Ion Ratio Lower Upper
88 100
43 43.1 31.4 47.0
58 53.2 50.2 75.2



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion: 128 Resp: 20237
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.4 15.6

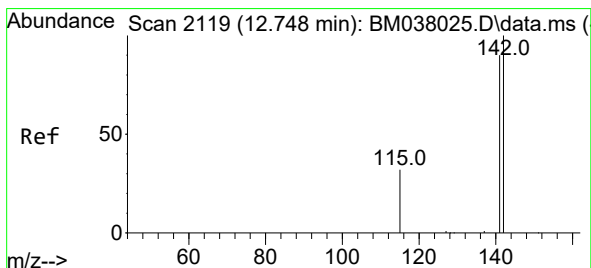
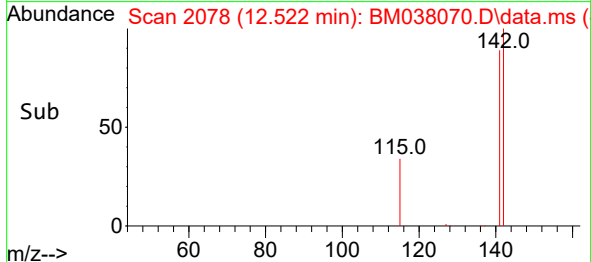
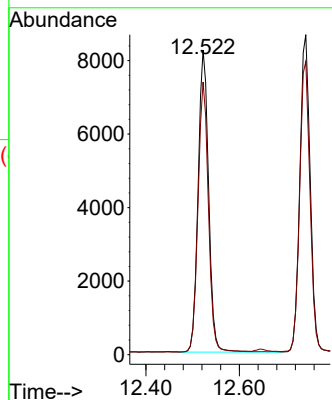
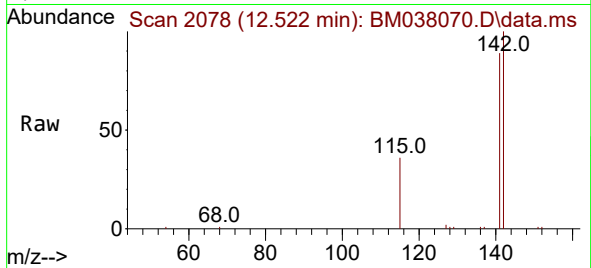




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.522 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

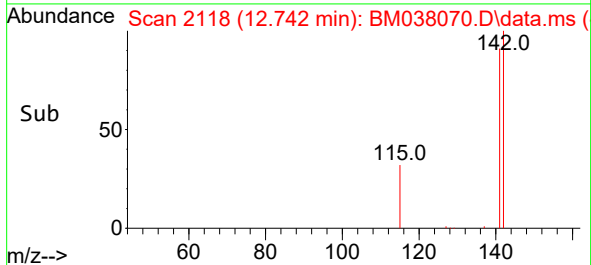
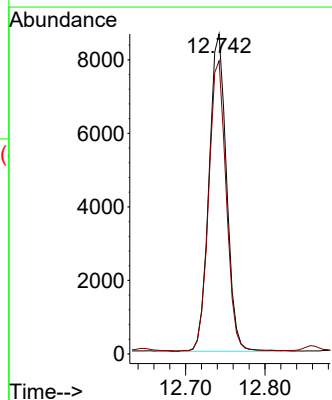
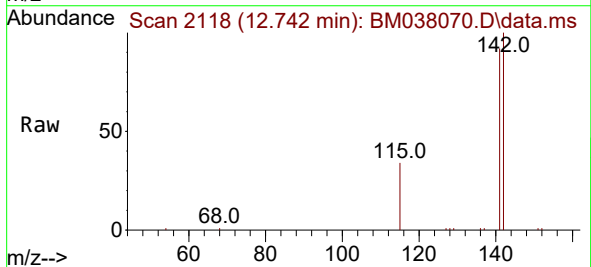
Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

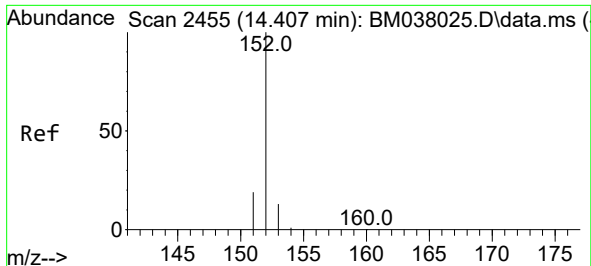
Tgt Ion:142 Resp: 12882
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:142 Resp: 13190
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4

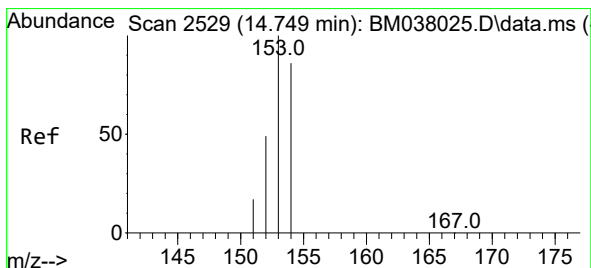
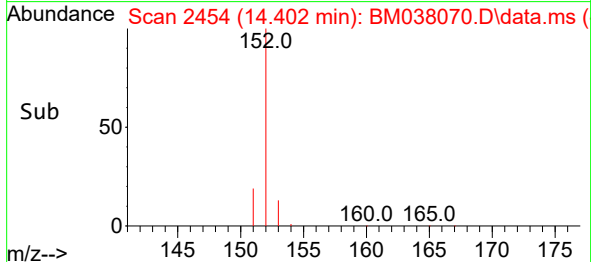
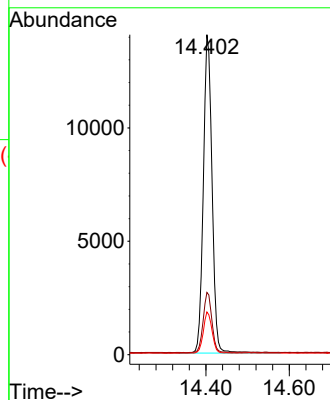
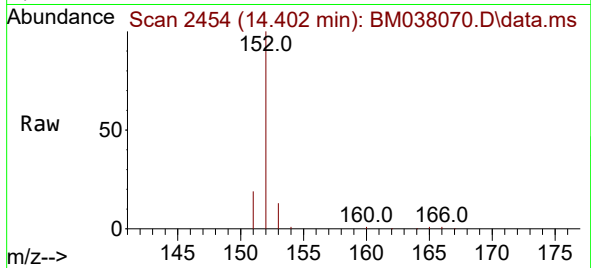




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

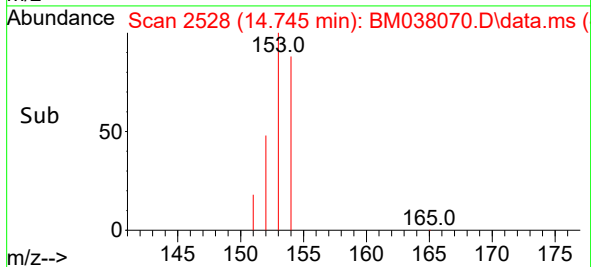
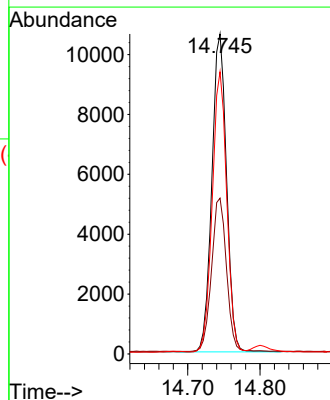
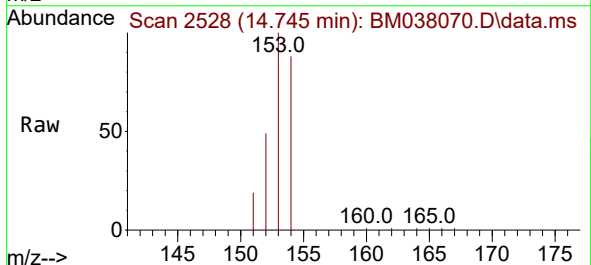
Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

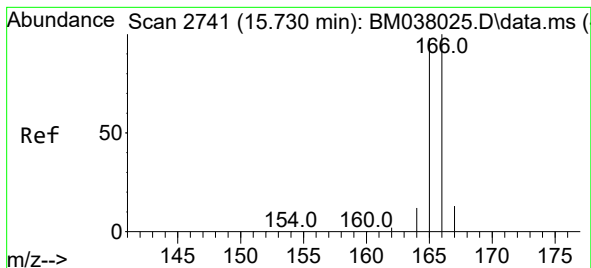
Tgt Ion:152	Resp:	20448
Ion Ratio	Lower	Upper
152	100	
151	19.5	15.5 23.3
153	13.4	11.0 16.4



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:153	Resp:	14919
Ion Ratio	Lower	Upper
153	100	
152	48.7	39.5 59.3
154	88.2	69.2 103.8





#12

Fluorene

Concen: 0.397 ng/ul

RT: 15.725 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038070.D

Acq: 16 Dec 2022 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.4191

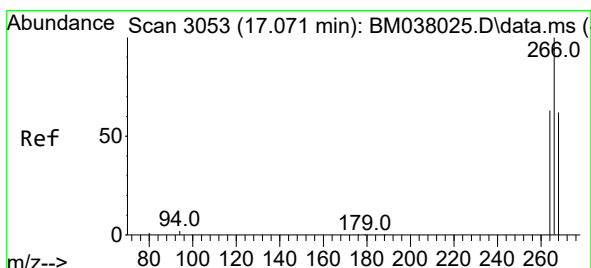
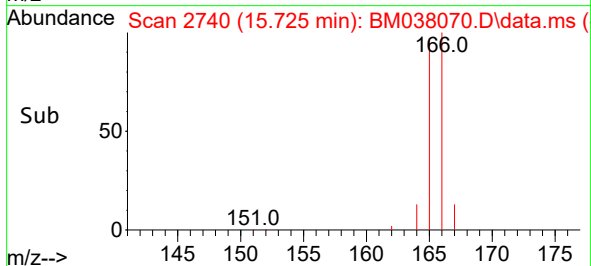
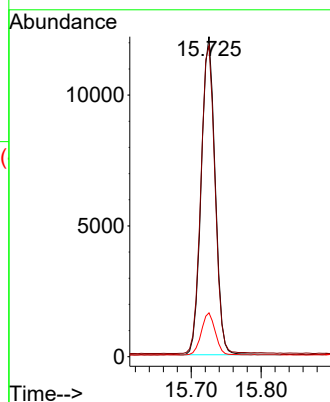
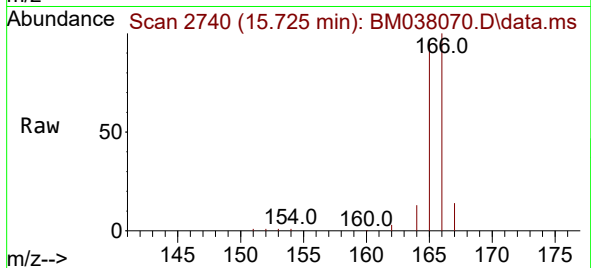
Tgt Ion:166 Resp: 16816

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.4

167 13.7 11.1 16.7



#14

Pentachlorophenol

Concen: 0.459 ng/ul

RT: 17.071 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BM038070.D

Acq: 16 Dec 2022 17:00

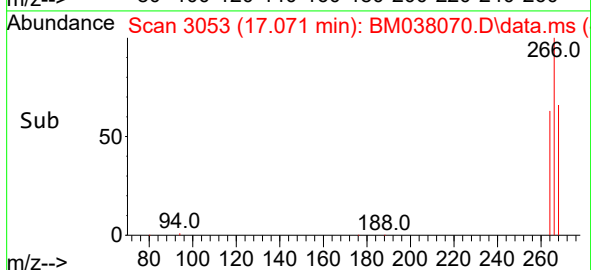
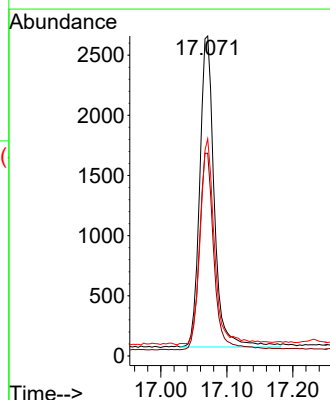
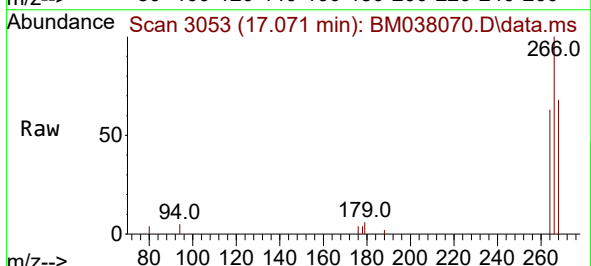
Tgt Ion:266 Resp: 3961

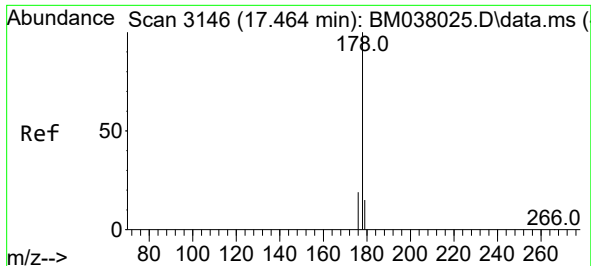
Ion Ratio Lower Upper

266 100

264 63.0 49.9 74.9

268 66.2 52.0 78.0

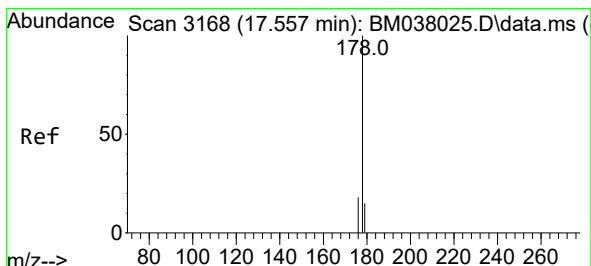
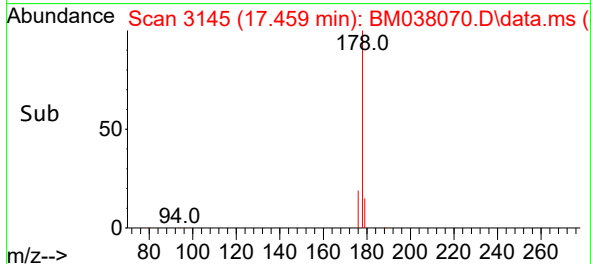
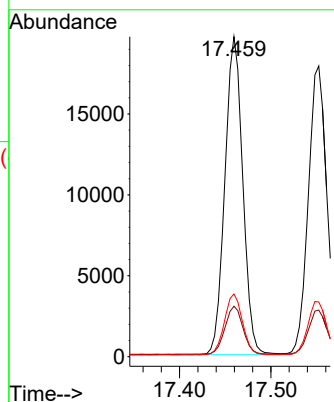
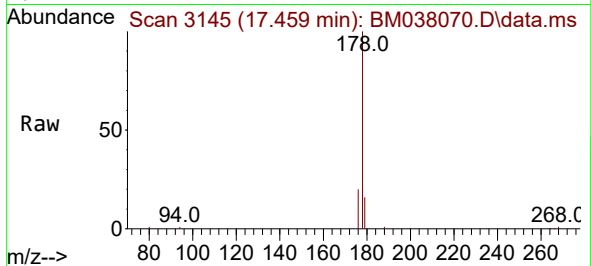




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

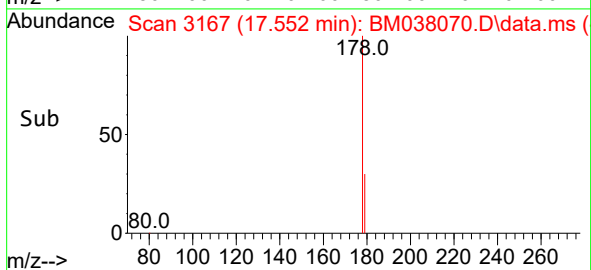
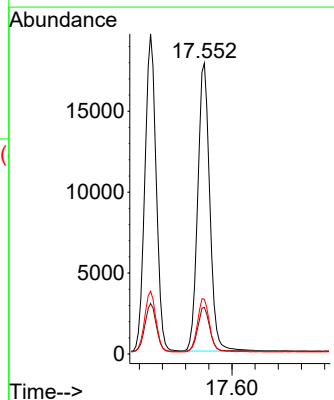
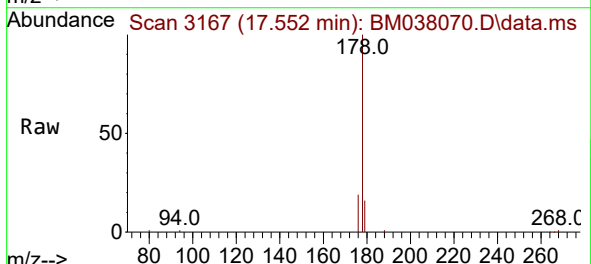
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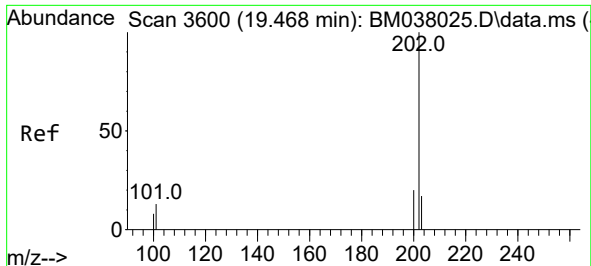
Tgt Ion:178 Resp: 26696
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:178 Resp: 25624
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 18.8 15.0 22.4

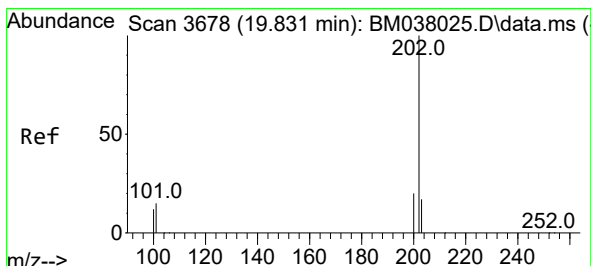
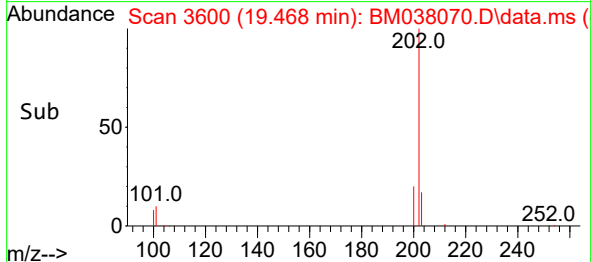
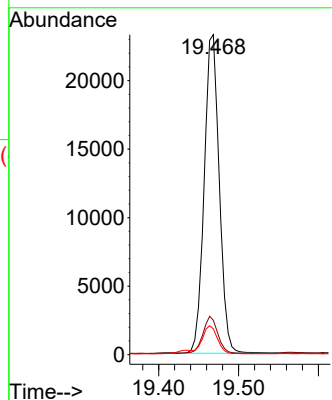
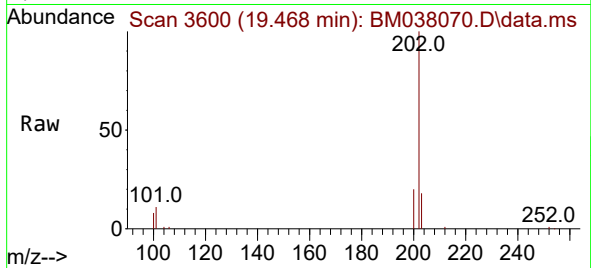




#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

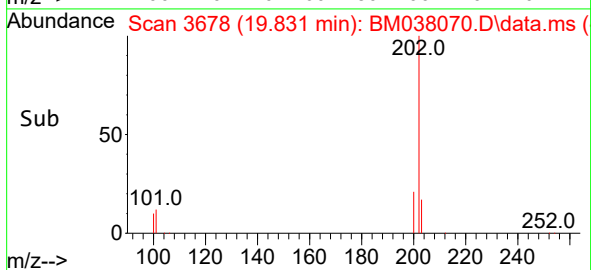
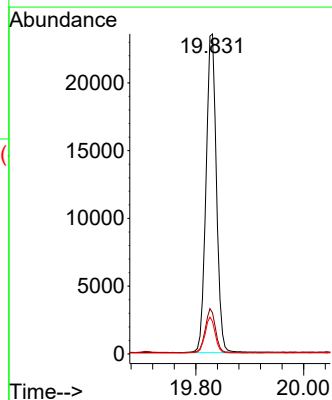
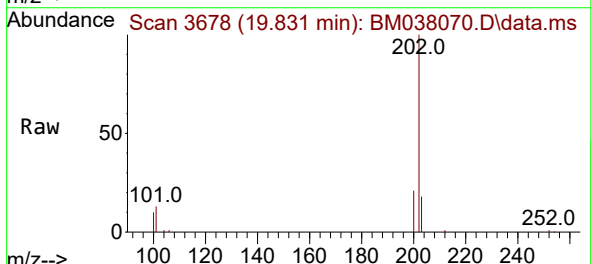
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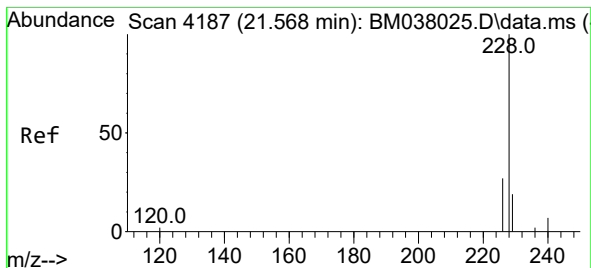
Tgt Ion:202 Resp: 30458
Ion Ratio Lower Upper
202 100
101 10.8 10.6 15.8
100 8.1 7.9 11.9



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:202 Resp: 31422
Ion Ratio Lower Upper
202 100
101 12.9 12.1 18.1
100 10.2 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.425 ng/ul

RT: 21.568 min Scan# 4187

Delta R.T. 0.000 min

Lab File: BM038070.D

Acq: 16 Dec 2022 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.4191

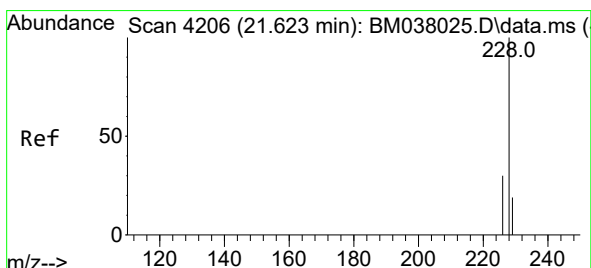
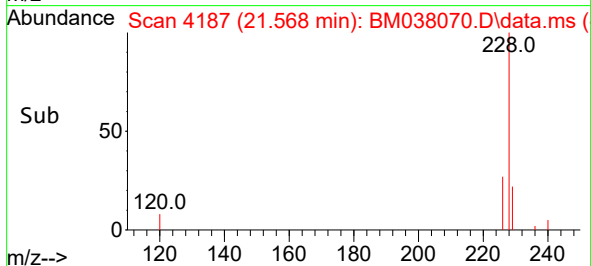
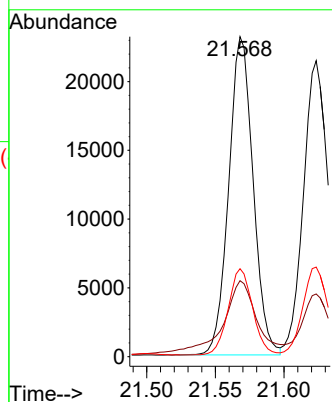
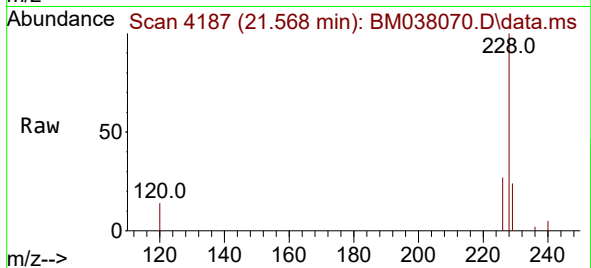
Tgt Ion:228 Resp: 28665

Ion Ratio Lower Upper

228 100

229 23.8 15.9 23.9

226 27.5 22.1 33.1



#22

Chrysene

Concen: 0.399 ng/ul

RT: 21.623 min Scan# 4206

Delta R.T. 0.000 min

Lab File: BM038070.D

Acq: 16 Dec 2022 17:00

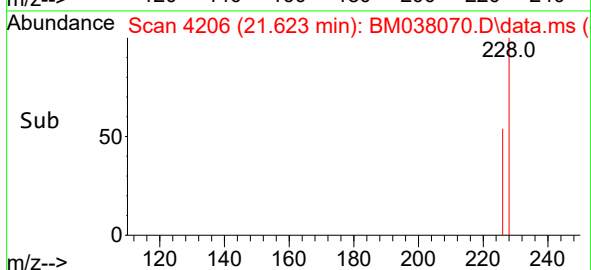
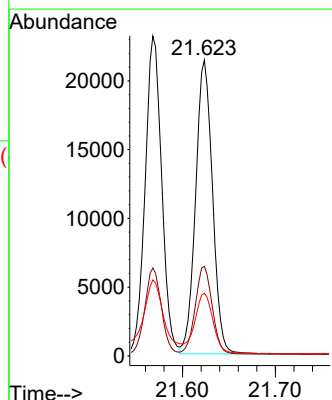
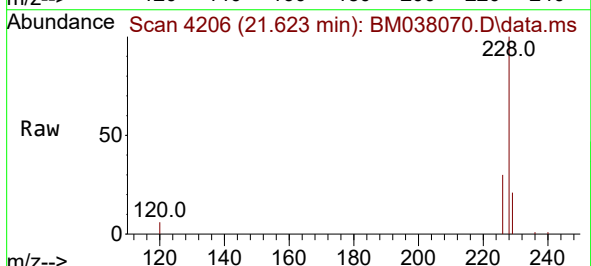
Tgt Ion:228 Resp: 27127

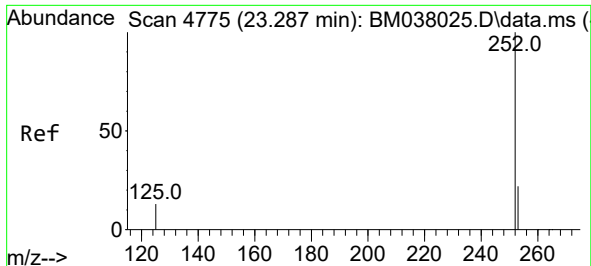
Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

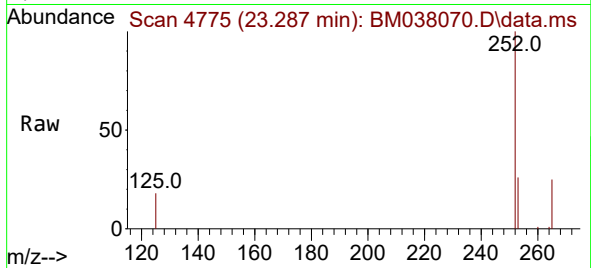
229 21.2 15.7 23.5



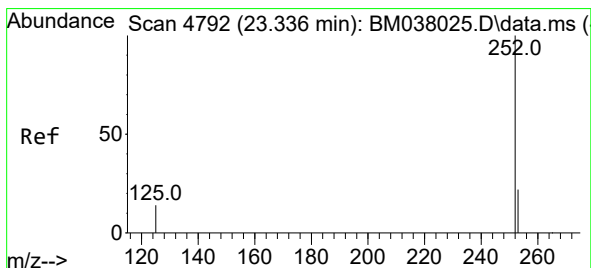
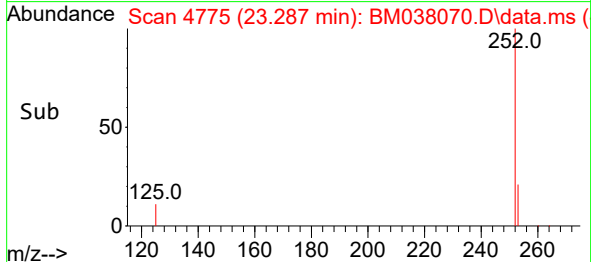
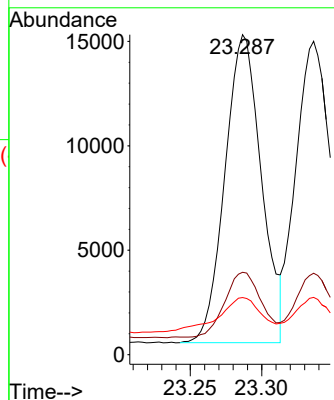


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

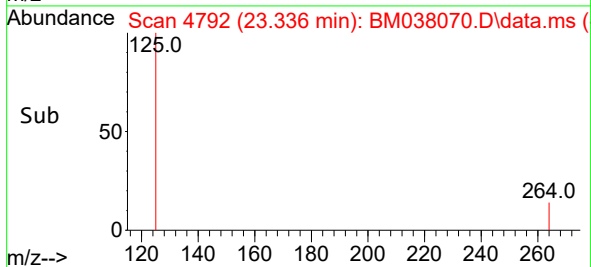
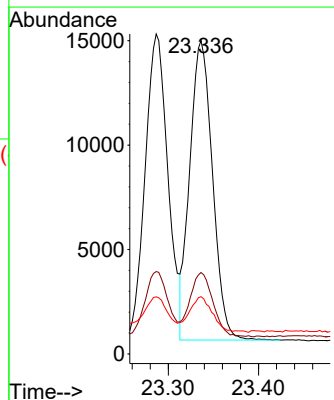
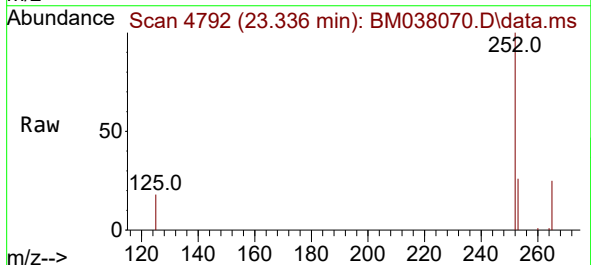


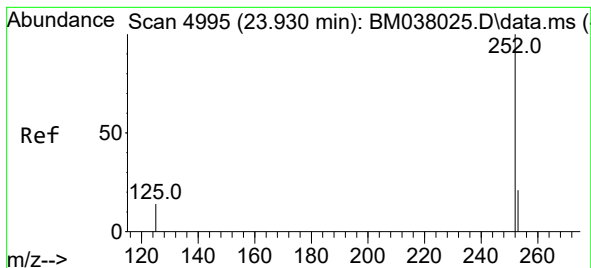
Tgt Ion:252 Resp: 26133
Ion Ratio Lower Upper
252 100
253 25.7 0.0 51.8
125 17.9 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:252 Resp: 25106
Ion Ratio Lower Upper
252 100
253 26.0 20.8 31.2
125 18.3 17.1 25.7





#26

Benzo(a)pyrene

Concen: 0.377 ng/ul

RT: 23.933 min Scan# 4995

Delta R.T. 0.003 min

Lab File: BM038070.D

Acq: 16 Dec 2022 17:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.4191

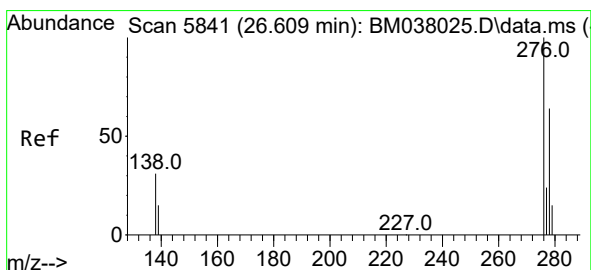
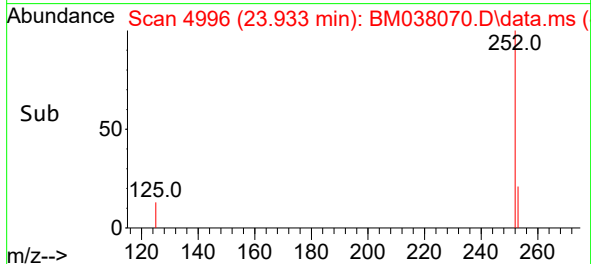
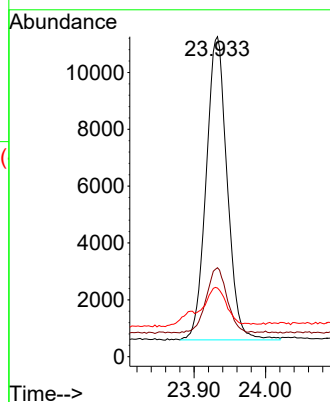
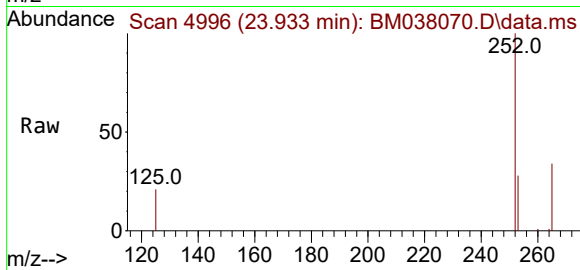
Tgt Ion:252 Resp: 21803

Ion Ratio Lower Upper

252 100

253 27.8 21.9 32.9

125 21.5 20.7 31.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.341 ng/ul

RT: 26.605 min Scan# 5840

Delta R.T. -0.003 min

Lab File: BM038070.D

Acq: 16 Dec 2022 17:00

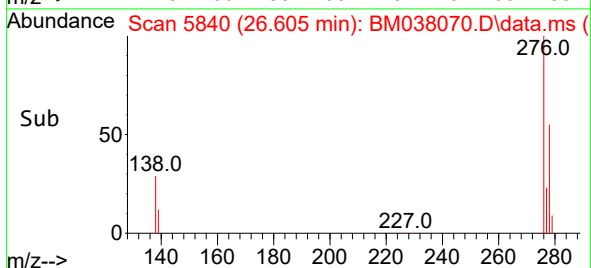
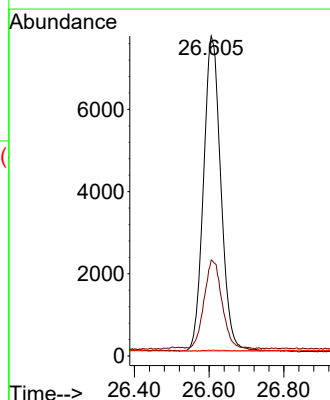
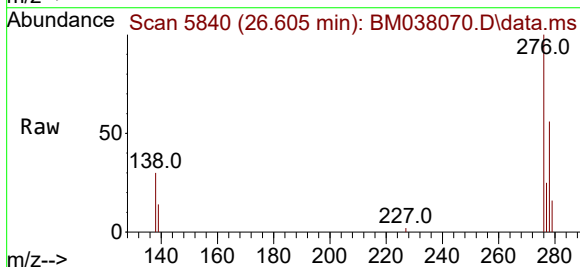
Tgt Ion:276 Resp: 24756

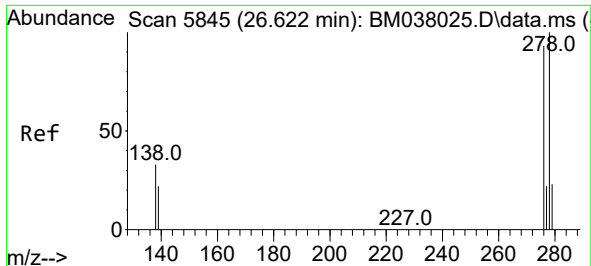
Ion Ratio Lower Upper

276 100

138 29.0 26.6 40.0

227 0.1 0.1 0.1

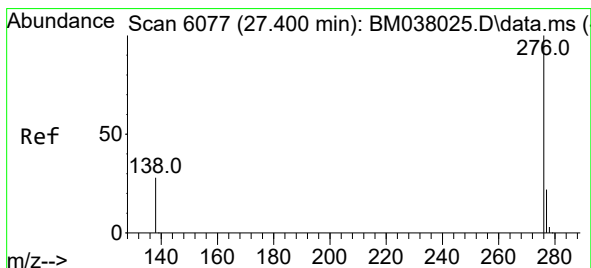
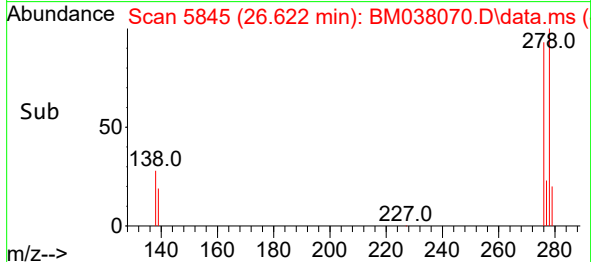
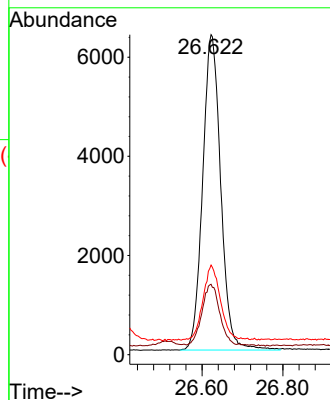
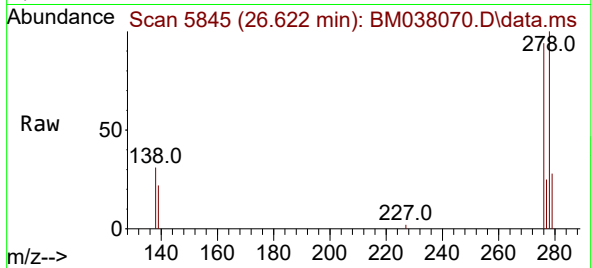




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

Tgt Ion:278 Resp: 19761
Ion Ratio Lower Upper
278 100
139 22.0 19.0 28.6
279 28.0 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:276 Resp: 20428
Ion Ratio Lower Upper
276 100
138 27.2 24.1 36.1
277 25.1 19.0 28.6

