

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045911.D
 Acq On : 08 Jun 2024 12:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4119

Quant Time: Jun 10 01:27:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

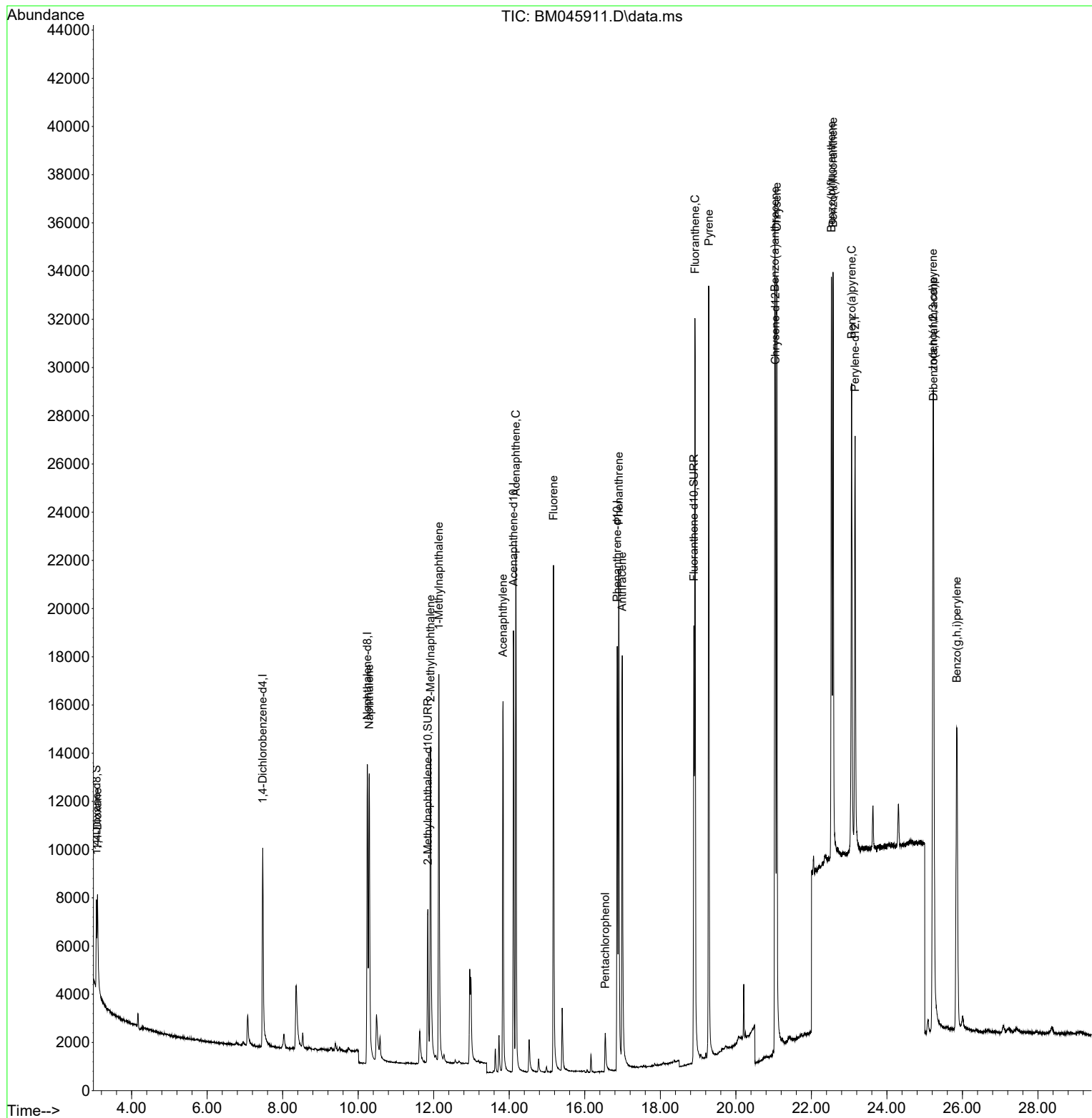
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5837	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	19208	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10942	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	22566	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	20049	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	22337	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2584	0.389	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.842	152	10486	0.380	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	21990	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.096	88	2806	0.369	ng/ul	86
5) Naphthalene	10.292	128	19298	0.384	ng/ul	100
7) 2-Methylnaphthalene	11.914	142	12032	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.134	142	13025	0.374	ng/ul	100
10) Acenaphthylene	13.835	152	19534	0.393	ng/ul	99
11) Acenaphthene	14.177	153	13927	0.381	ng/ul	99
12) Fluorene	15.172	166	15391	0.377	ng/ul	99
14) Pentachlorophenol	16.540	266	1787	0.424	ng/ul	98
15) Phenanthrene	16.899	178	23822	0.376	ng/ul	100
16) Anthracene	16.992	178	20942	0.388	ng/ul	99
19) Fluoranthene	18.917	202	29106	0.364	ng/ul	100
20) Pyrene	19.284	202	30792	0.369	ng/ul	96
21) Benzo(a)anthracene	21.032	228	28701	0.390	ng/ul	98
22) Chrysene	21.085	228	29467	0.368	ng/ul	100
24) Benzo(b)fluoranthene	22.531	252	28576	0.386	ng/ul	96
25) Benzo(k)fluoranthene	22.575	252	30664	0.377	ng/ul	97
26) Benzo(a)pyrene	23.066	252	28004	0.380	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.222	276	31122	0.327	ng/ul	97
28) Dibenzo(a,h)anthracene	25.236	278	24998	0.328	ng/ul	98
29) Benzo(g,h,i)perylene	25.850	276	25407	0.309	ng/ul	100

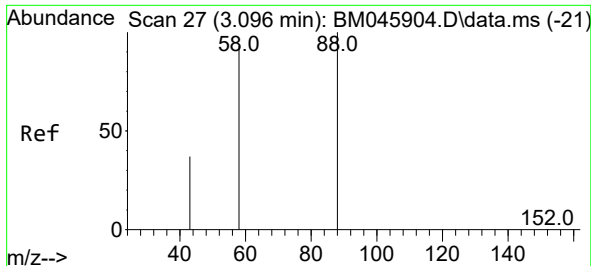
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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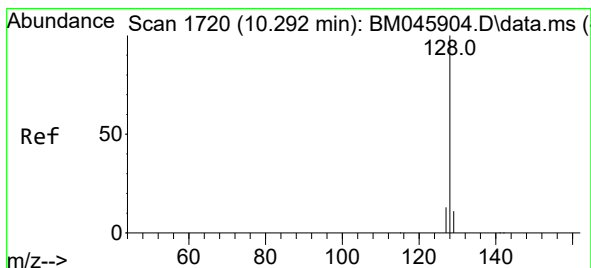
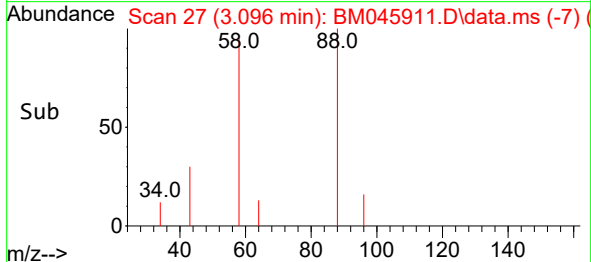
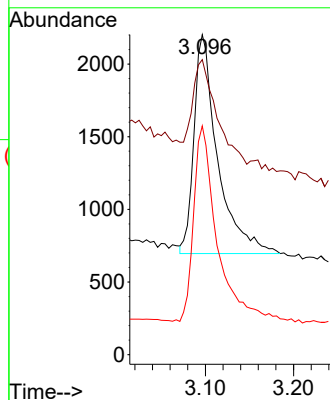
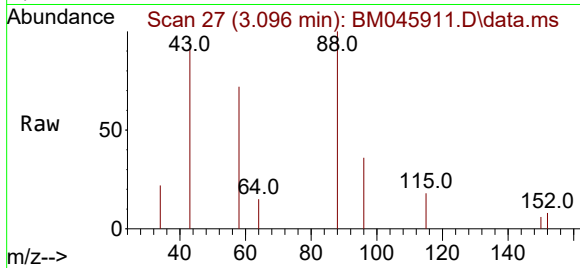




#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.096 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

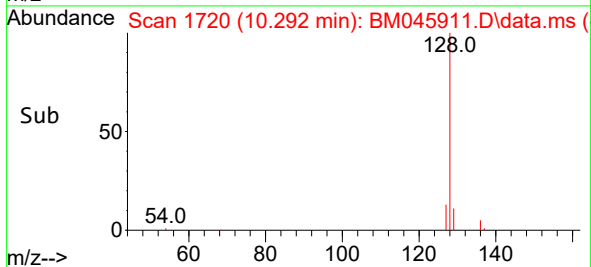
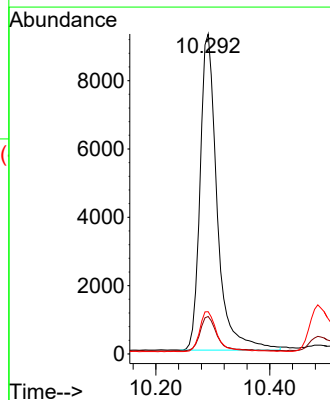
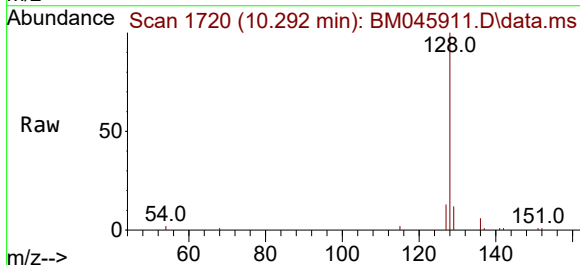
Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

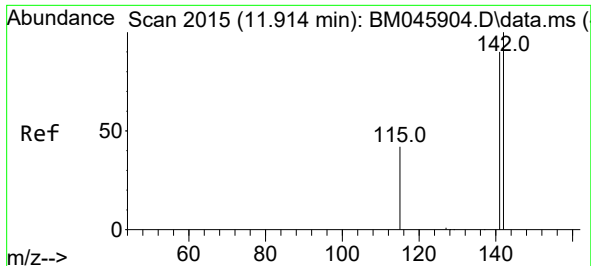
Tgt Ion: 88 Resp: 2806
Ion Ratio Lower Upper
88 100
43 92.2 87.4 131.2
58 71.5 51.1 76.7



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Tgt Ion: 128 Resp: 19298
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.2 10.6 15.8

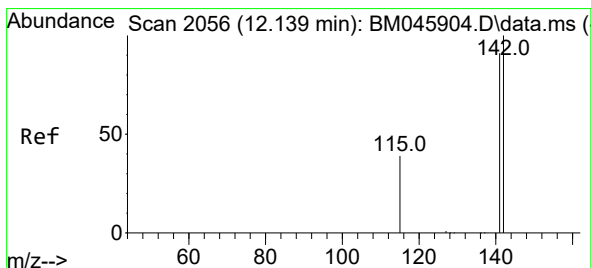
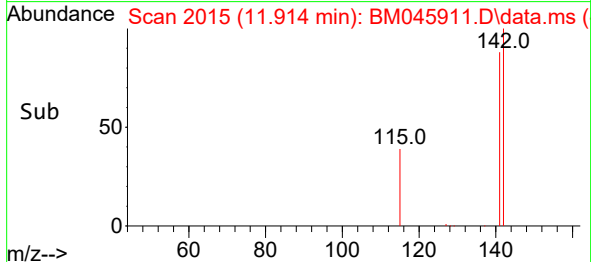
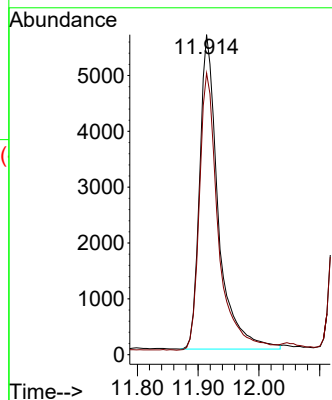
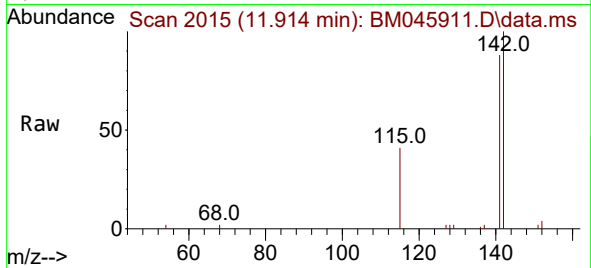




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

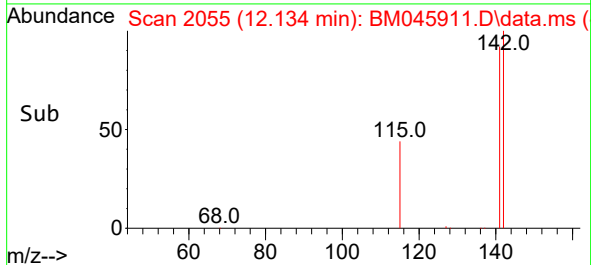
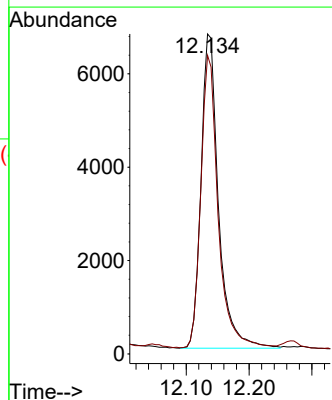
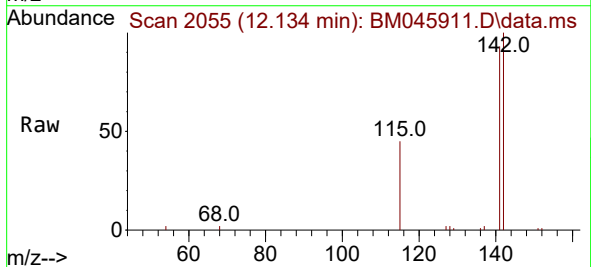
Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

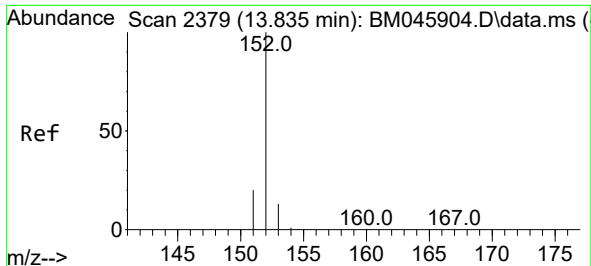
Tgt Ion:142 Resp: 12032
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Tgt Ion:142 Resp: 13025
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3

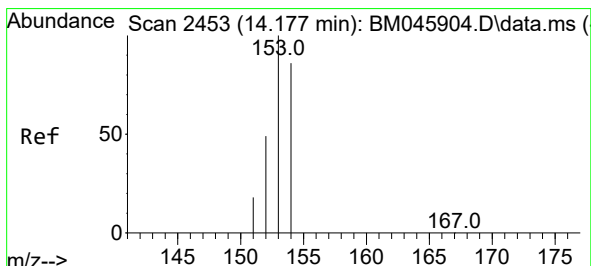
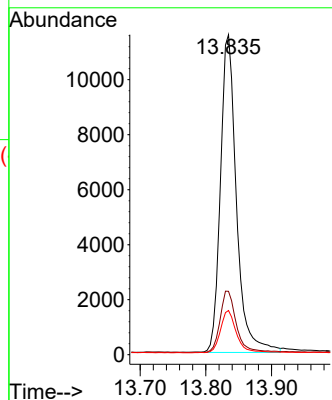
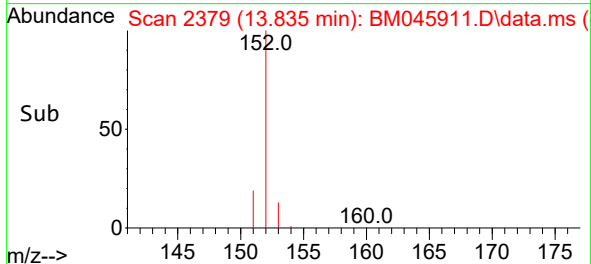
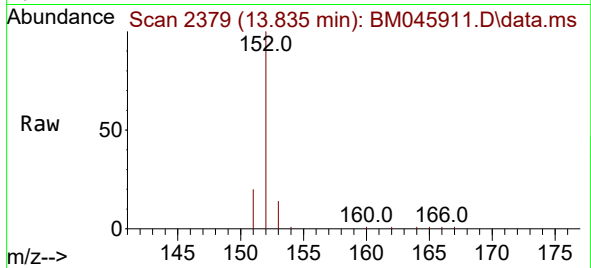




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 13.835 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

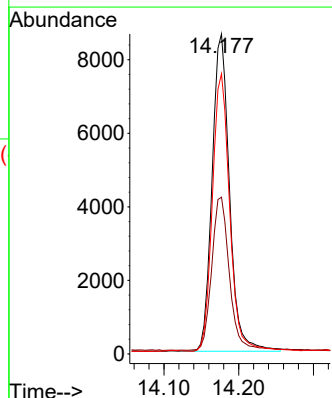
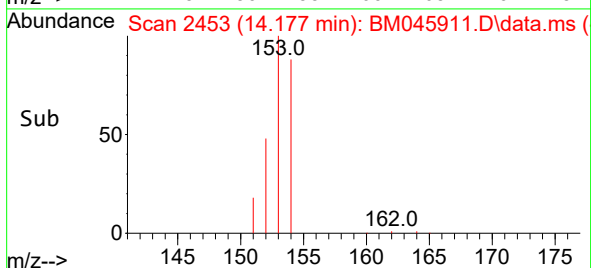
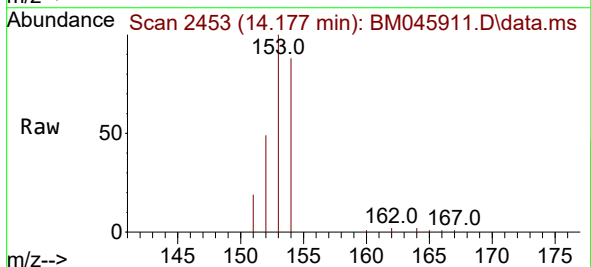
Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

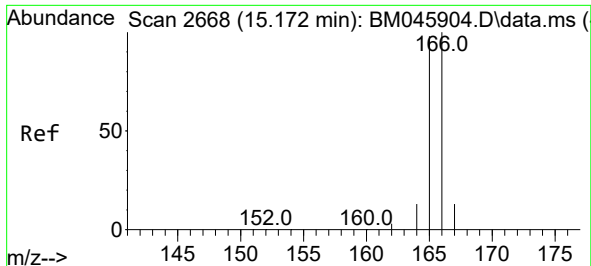
Tgt Ion:	152	Resp:	19534
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.4	24.6
153	13.8	11.1	16.7



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Tgt Ion:	153	Resp:	13927
Ion Ratio	Lower	Upper	
153	100		
152	49.0	39.0	58.4
154	87.6	69.4	104.2

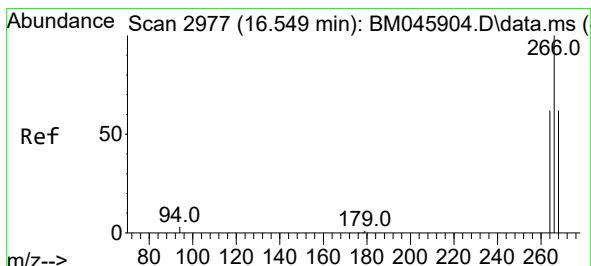
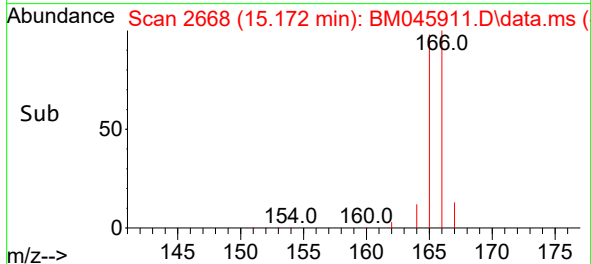
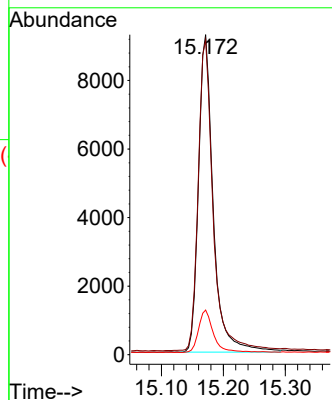
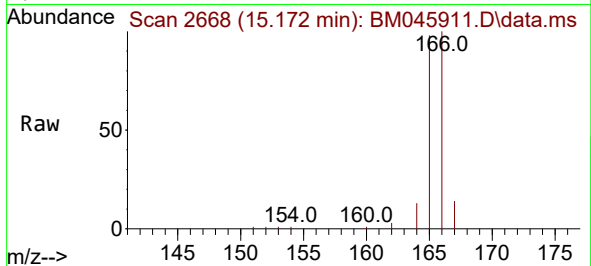




#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.172 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

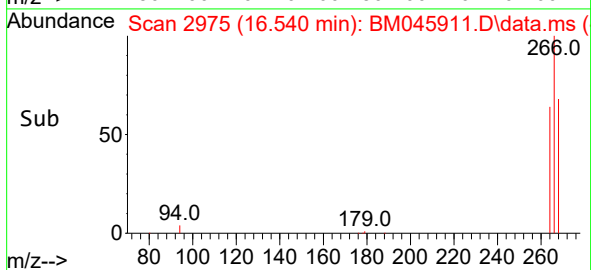
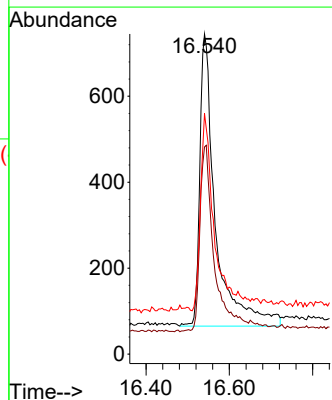
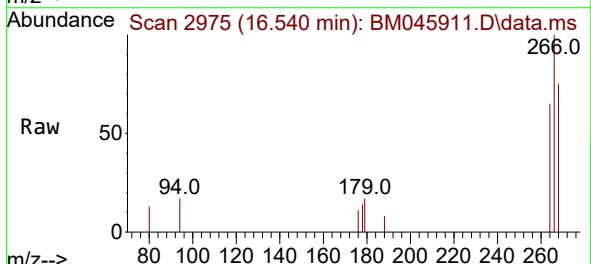
Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

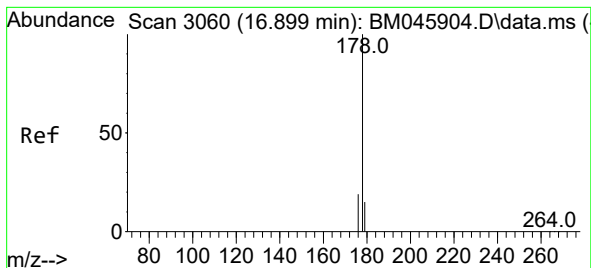
Tgt Ion:166 Resp: 15391
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.424 ng/ul
RT: 16.540 min Scan# 2975
Delta R.T. -0.013 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Tgt Ion:266 Resp: 1787
Ion Ratio Lower Upper
266 100
264 61.8 47.9 71.9
268 62.2 50.9 76.3





#15

Phenanthrene

Concen: 0.376 ng/ul

RT: 16.899 min Scan# 3060

Delta R.T. -0.004 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.4119

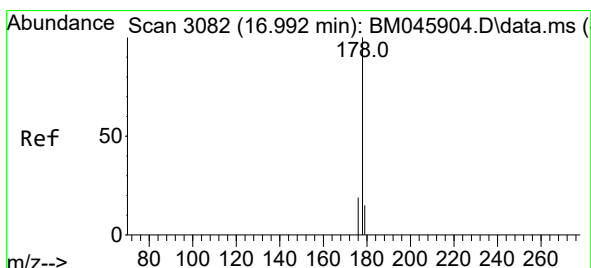
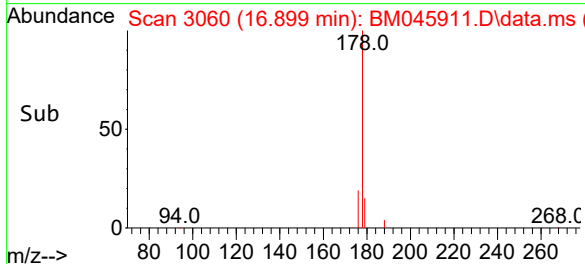
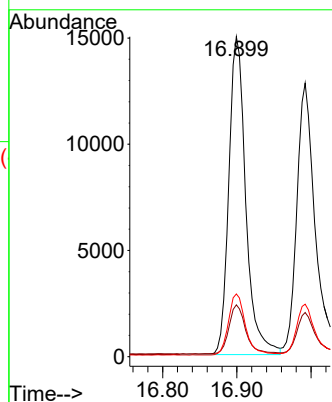
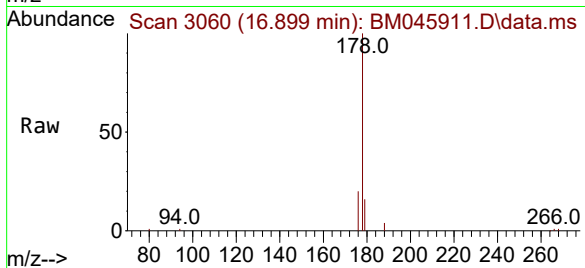
Tgt Ion:178 Resp: 23822

Ion Ratio Lower Upper

178 100

179 16.2 12.7 19.1

176 19.6 15.6 23.4



#16

Anthracene

Concen: 0.388 ng/ul

RT: 16.992 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

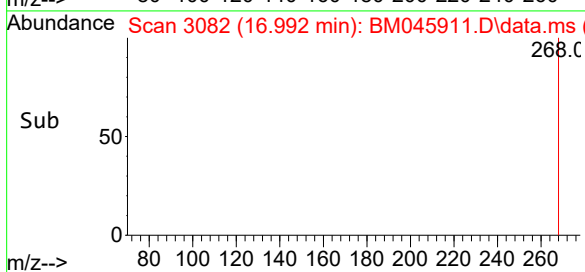
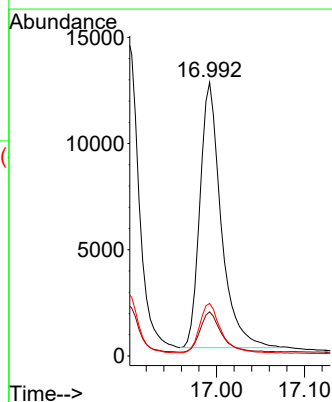
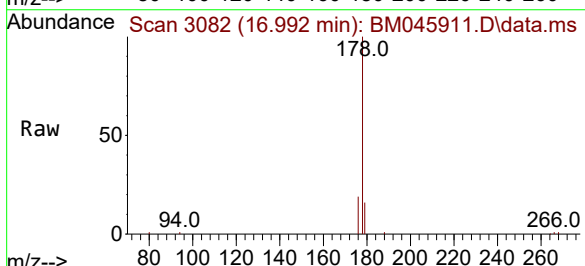
Tgt Ion:178 Resp: 20942

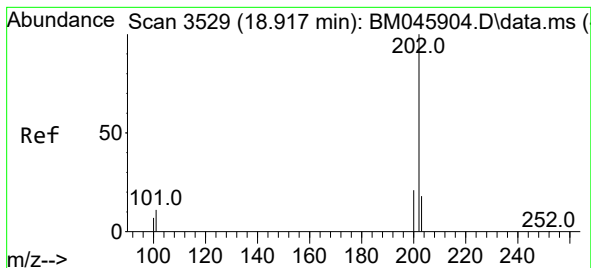
Ion Ratio Lower Upper

178 100

179 16.1 13.1 19.7

176 19.2 15.5 23.3





#19

Fluoranthene

Concen: 0.364 ng/ul

RT: 18.917 min Scan# 3529

Delta R.T. -0.005 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.4119

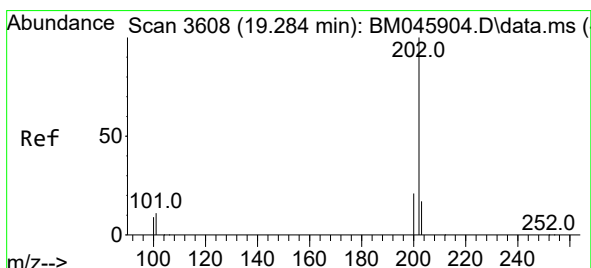
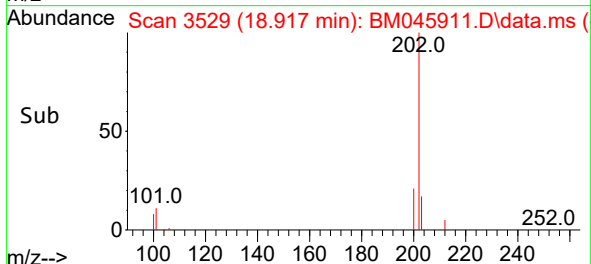
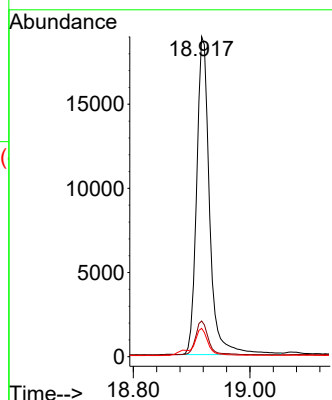
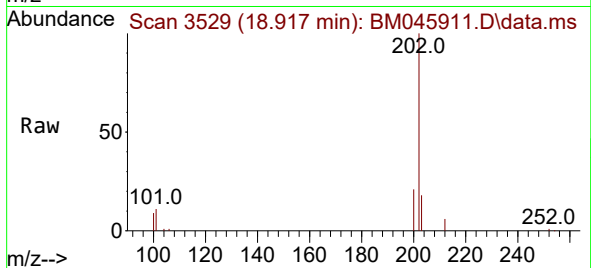
Tgt Ion:202 Resp: 29106

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.6

100 8.8 7.0 10.6



#20

Pyrene

Concen: 0.369 ng/ul

RT: 19.284 min Scan# 3608

Delta R.T. -0.000 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

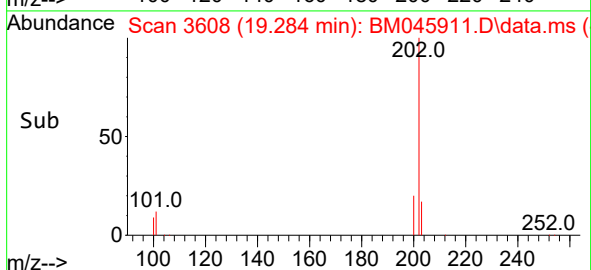
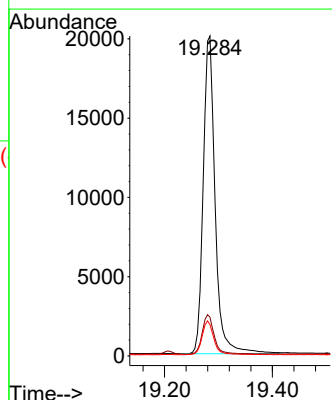
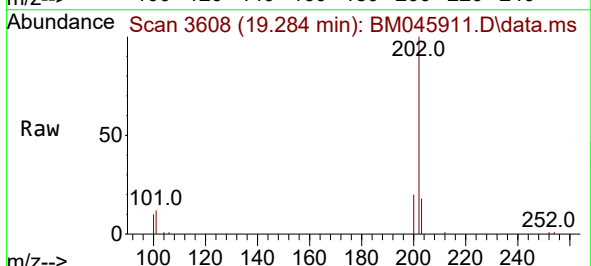
Tgt Ion:202 Resp: 30792

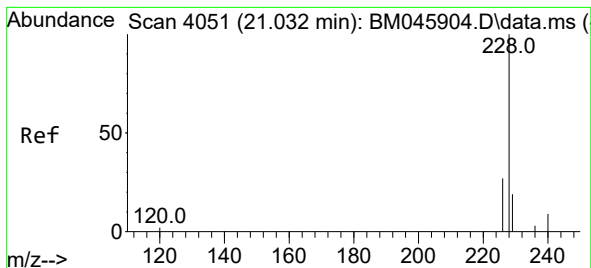
Ion Ratio Lower Upper

202 100

101 12.1 10.6 16.0

100 9.8 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.390 ng/ul

RT: 21.032 min Scan# 4051

Delta R.T. -0.003 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

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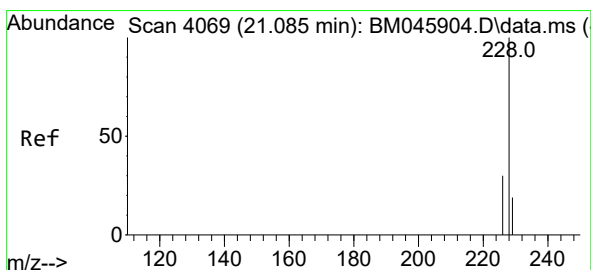
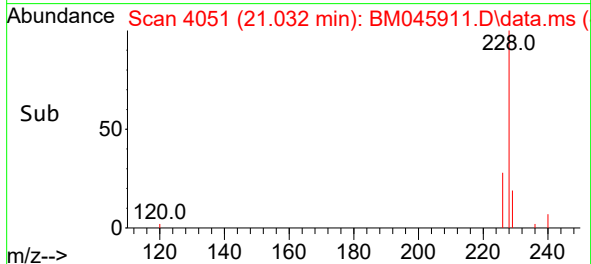
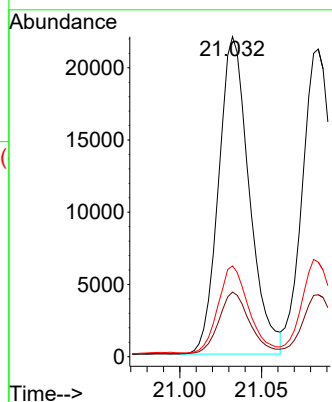
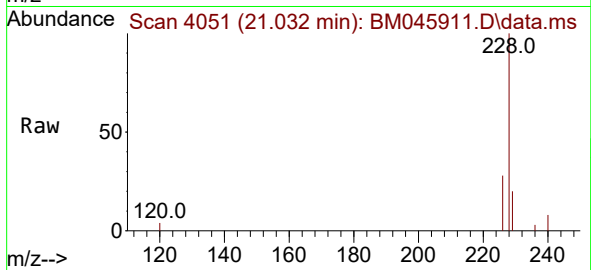
Tgt Ion:228 Resp: 28701

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 28.4 22.0 33.0



#22

Chrysene

Concen: 0.368 ng/ul

RT: 21.085 min Scan# 4069

Delta R.T. -0.003 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

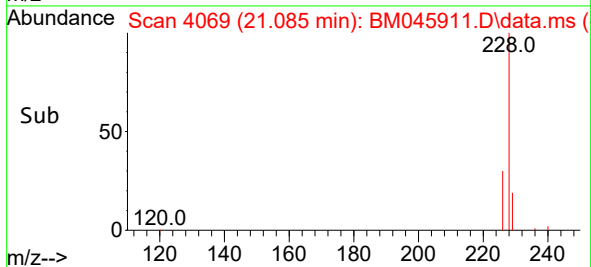
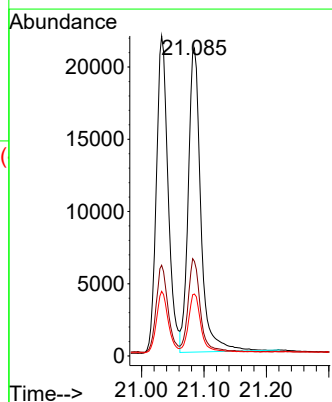
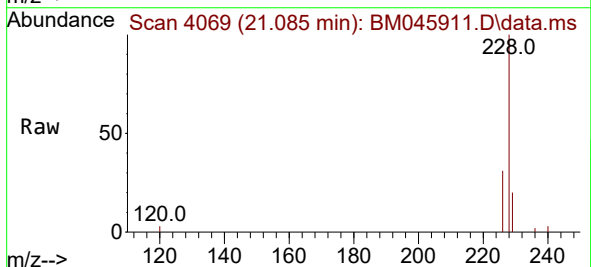
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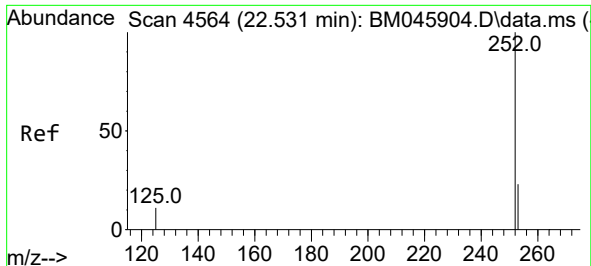
Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

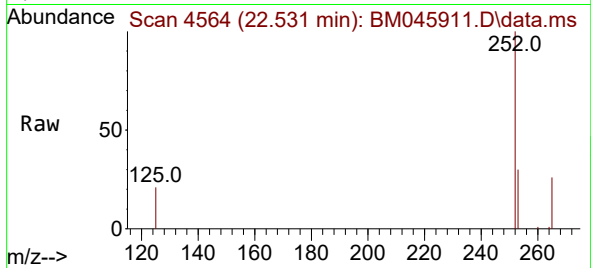
229 20.1 16.2 24.2



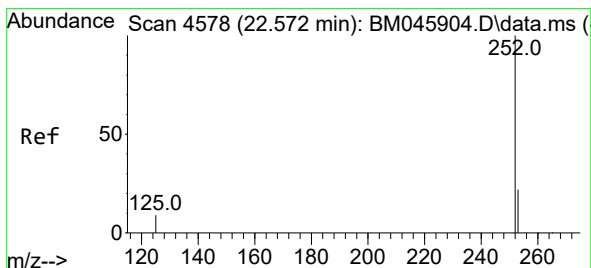
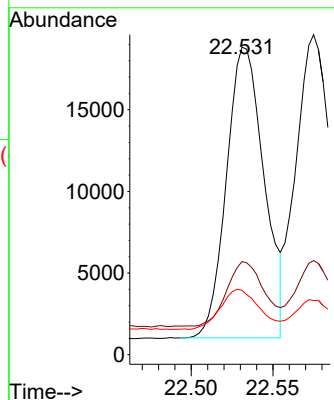


#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

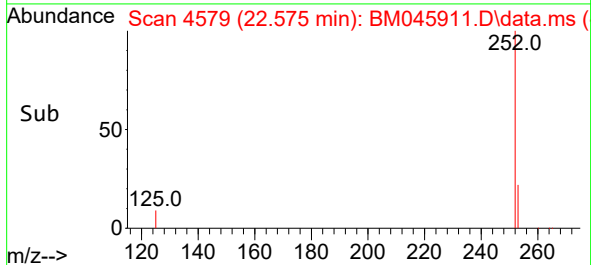
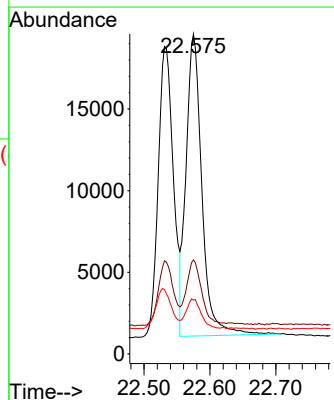
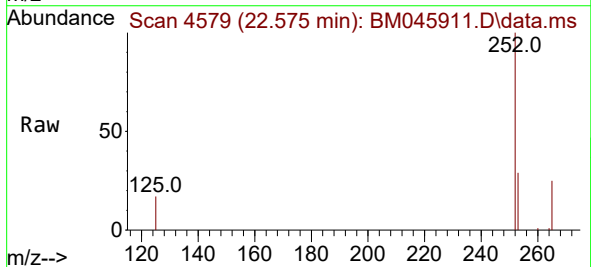


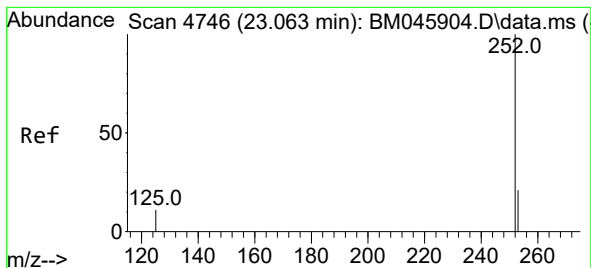
Tgt Ion:252 Resp: 28576
Ion Ratio Lower Upper
252 100
253 30.3 0.0 63.6
125 20.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Tgt Ion:252 Resp: 30664
Ion Ratio Lower Upper
252 100
253 29.4 25.0 37.6
125 16.9 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.066 min Scan# 4746

Delta R.T. -0.006 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.4119

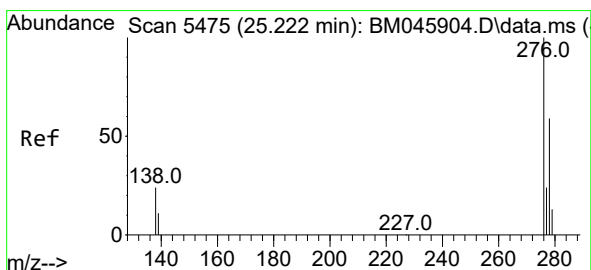
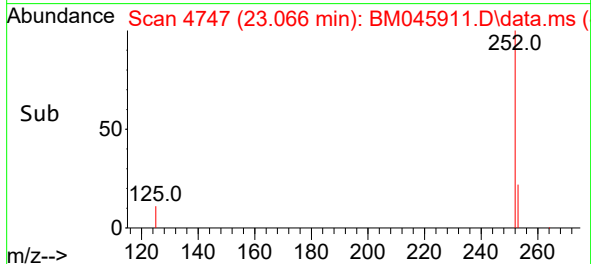
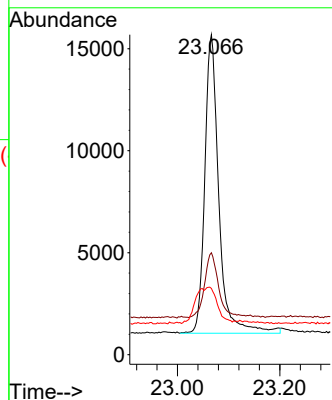
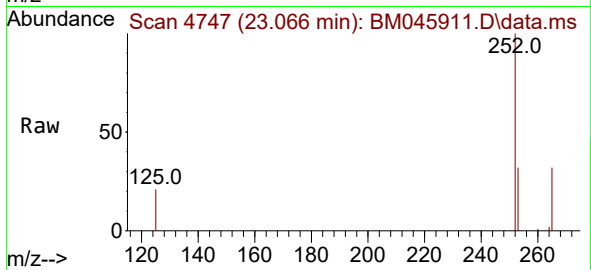
Tgt Ion:252 Resp: 28004

Ion Ratio Lower Upper

252 100

253 31.8 28.8 43.2

125 20.7 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng/ul

RT: 25.222 min Scan# 5475

Delta R.T. -0.010 min

Lab File: BM045911.D

Acq: 08 Jun 2024 12:02

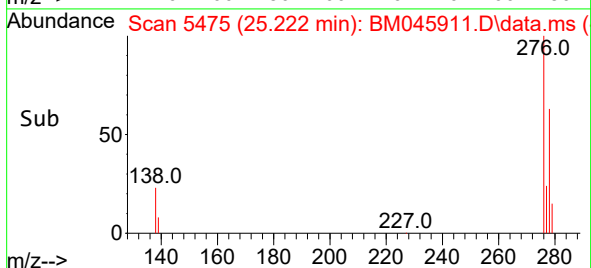
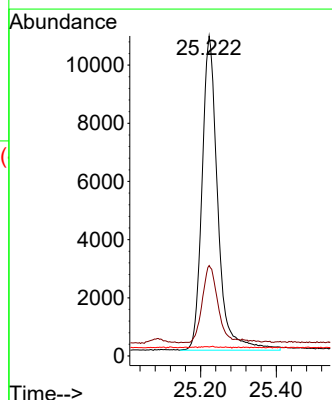
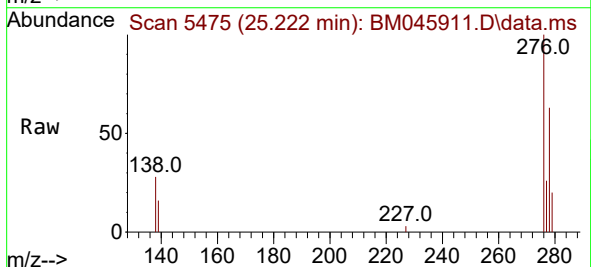
Tgt Ion:276 Resp: 31122

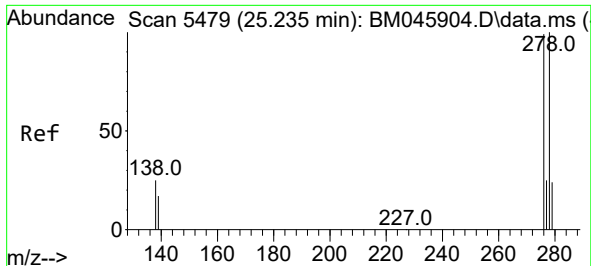
Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

227 0.2 0.2 0.2

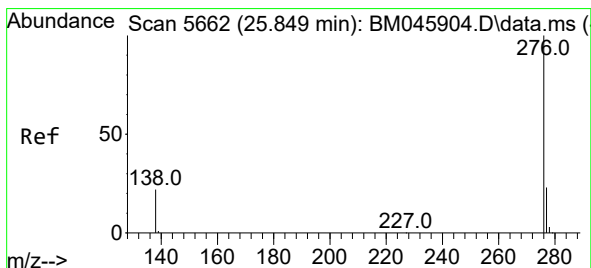
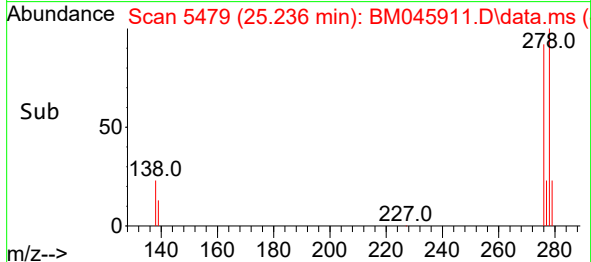
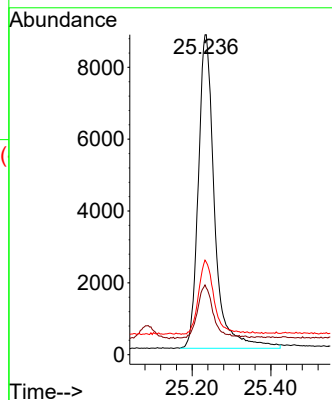
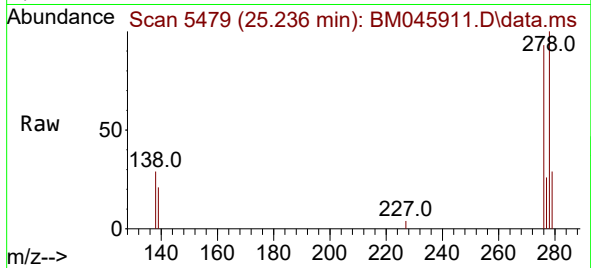




#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.236 min Scan# 5479
Delta R.T. -0.013 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

Tgt Ion:278 Resp: 24998
Ion Ratio Lower Upper
278 100
139 20.9 16.6 25.0
279 28.9 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 25.850 min Scan# 5662
Delta R.T. -0.013 min
Lab File: BM045911.D
Acq: 08 Jun 2024 12:02

Tgt Ion:276 Resp: 25407
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 25.5 20.5 30.7

