

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045921.D
 Acq On : 08 Jun 2024 18:05
 Operator : MA/JU
 Sample : P2640-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C39

Quant Time: Jun 10 01:29:27 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)

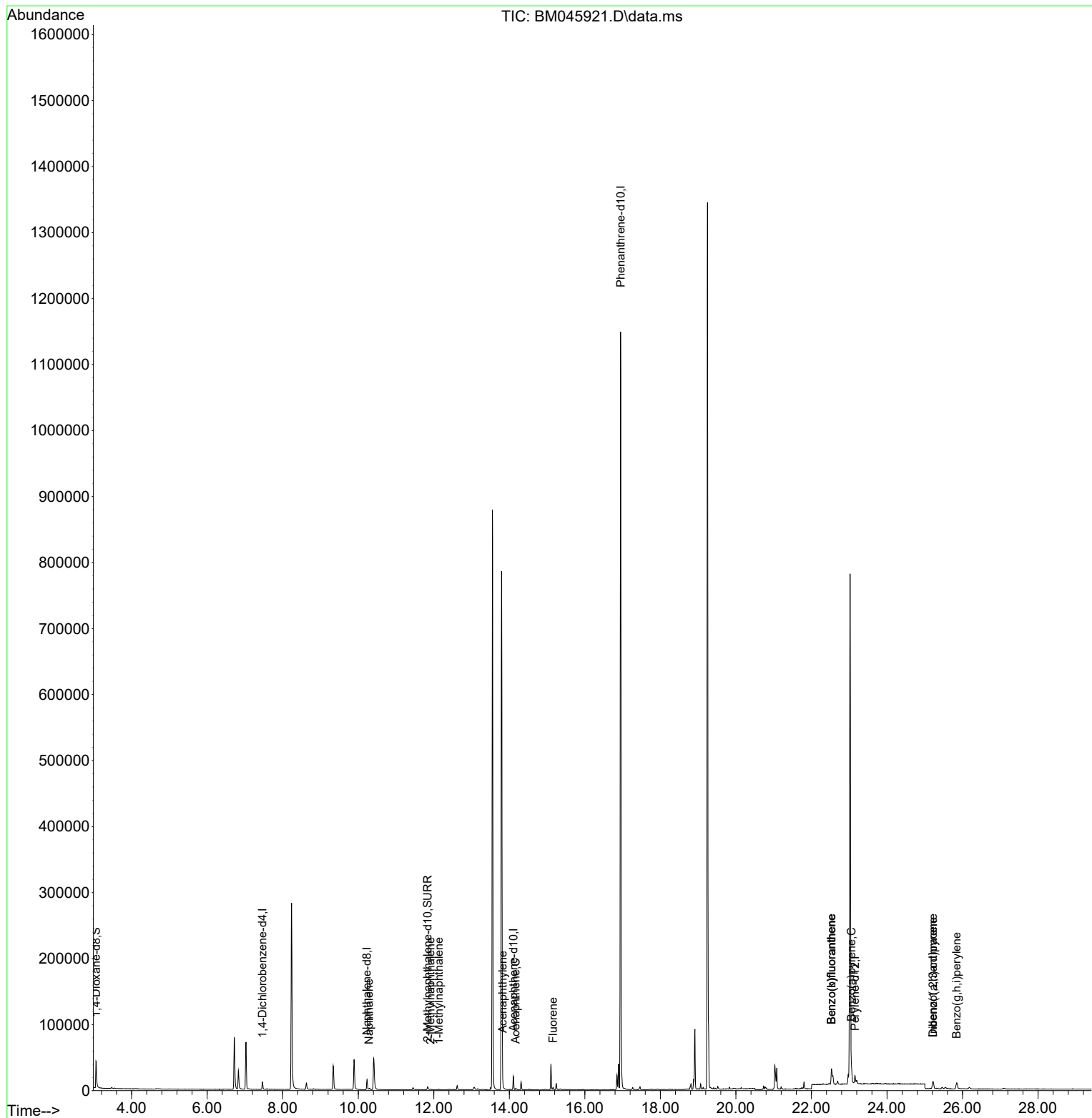
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5569	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	19434	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.107	164	10881	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.946	188	1283983	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.154	264	17989	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26158	4.124	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7307	0.261	ng/ul	-0.01
18) Fluoranthene-d10	18.885	212	16004	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.281	128	1724	0.034	ng/ul#	81
7) 2-Methylnaphthalene	11.914	142	886	0.027	ng/ul	96
8) 1-Methylnaphthalene	12.134	142	755	0.021	ng/ul	100
10) Acenaphthylene	13.825	152	4853	0.098	ng/ul	94
11) Acenaphthene	14.168	153	1325	0.036	ng/ul	93
12) Fluorene	15.158	166	2282	0.056	ng/ul#	90
24) Benzo(b)fluoranthene	22.531	252	48187	0.808	ng/ul	96
25) Benzo(k)fluoranthene	22.531	252	48285	0.736	ng/ul#	97
26) Benzo(a)pyrene	23.060	252	23503	0.396	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.216	276	17121	0.223	ng/ul	91
28) Dibenzo(a,h)anthracene	25.222	278	4142	0.068	ng/ul#	43
29) Benzo(g,h,i)perylene	25.846	276	18211	0.275	ng/ul	97

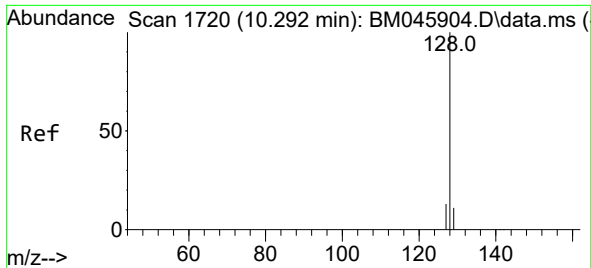
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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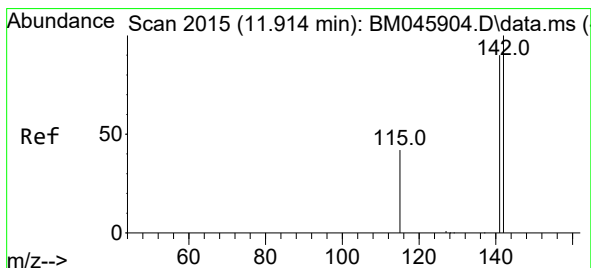
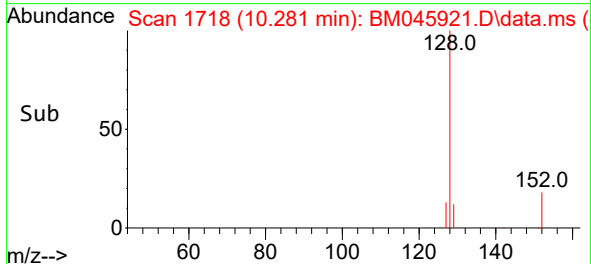
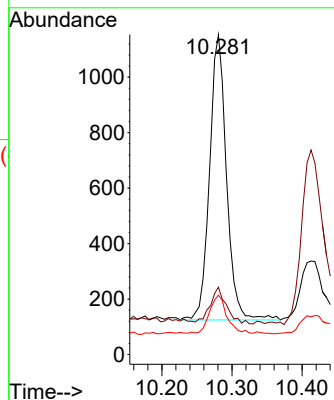
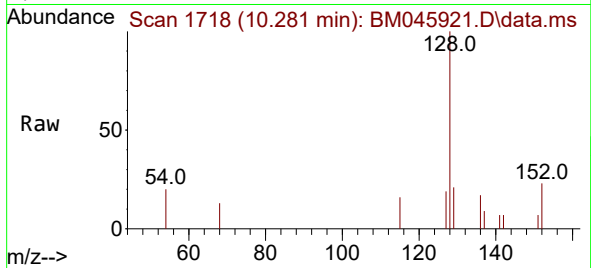




#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

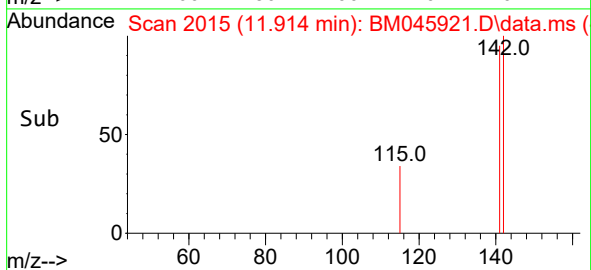
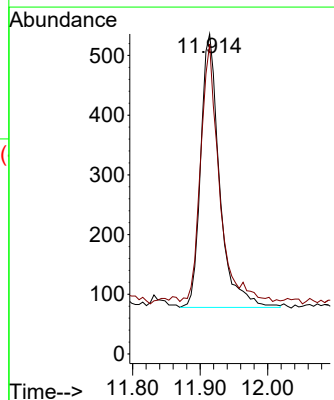
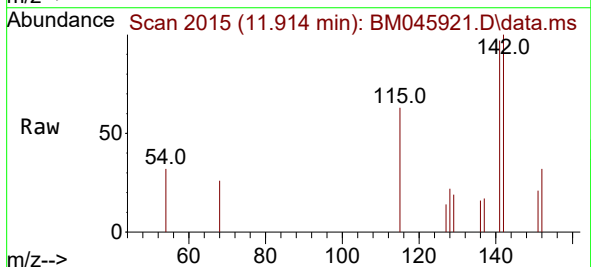
Instrument :
BNA_M
ClientSampleId :
A4C39

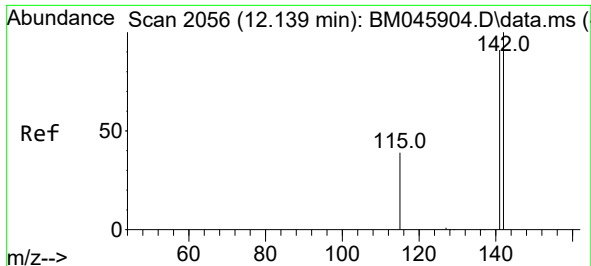
Tgt Ion:128 Resp: 1724
Ion Ratio Lower Upper
128 100
129 21.1 9.4 14.0#
127 18.6 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:142 Resp: 886
Ion Ratio Lower Upper
142 100
141 94.0 72.2 108.4

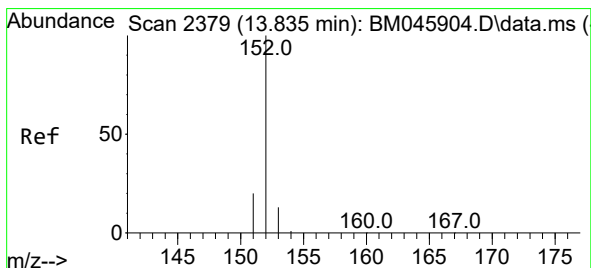
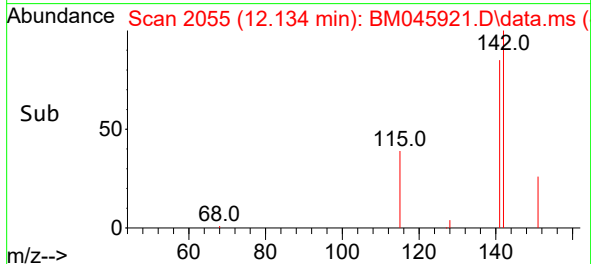
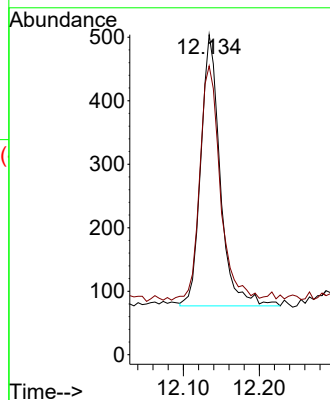
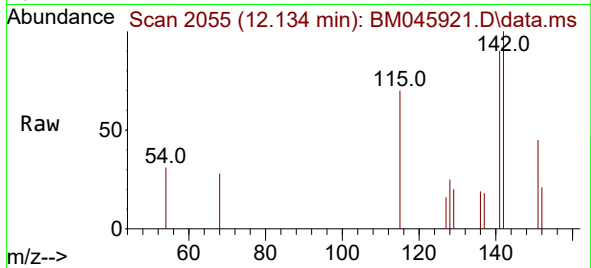




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

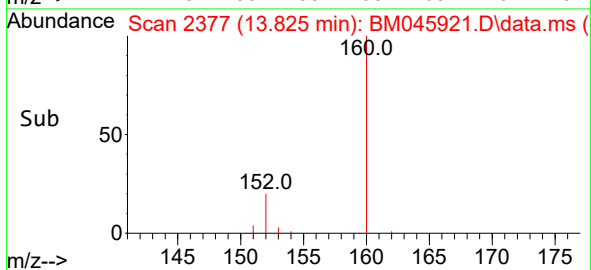
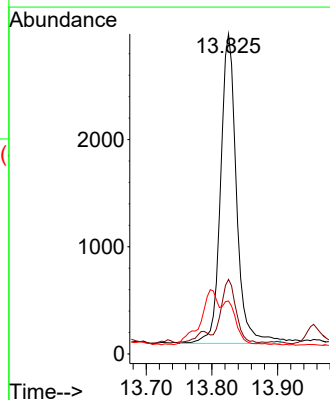
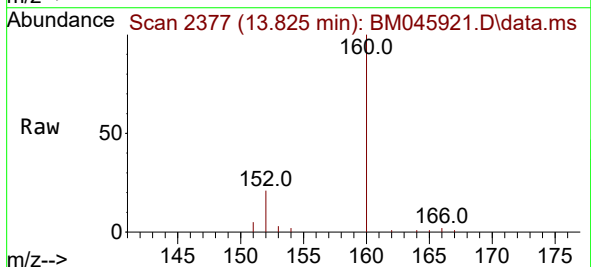
Instrument :
BNA_M
ClientSampleId :
A4C39

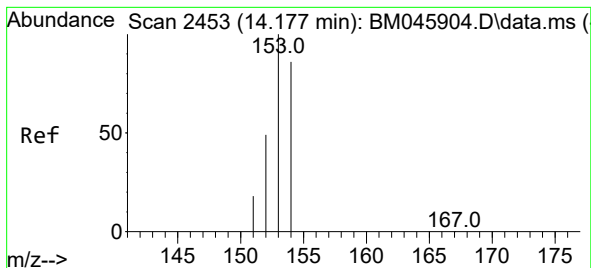
Tgt Ion:142 Resp: 755
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3



#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.014 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:152 Resp: 4853
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 16.5 11.1 16.7





#11

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.168 min Scan# 2451

Delta R.T. -0.014 min

Lab File: BM045921.D

Acq: 08 Jun 2024 18:05

Instrument :

BNA_M

ClientSampleId :

A4C39

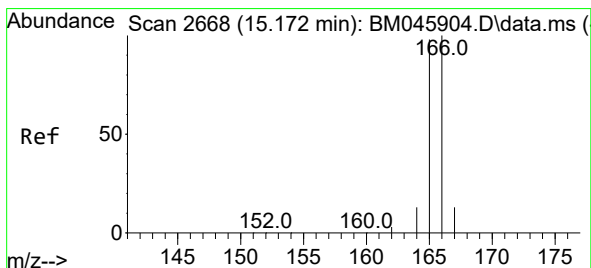
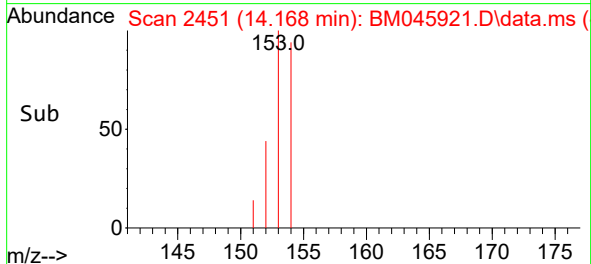
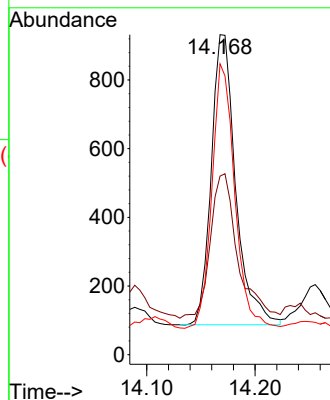
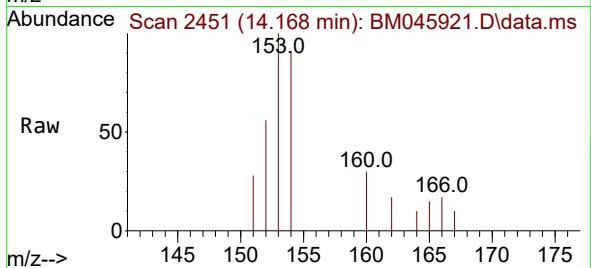
Tgt Ion:153 Resp: 1325

Ion Ratio Lower Upper

153 100

152 55.8 39.0 58.4

154 90.9 69.4 104.2



#12

Fluorene

Concen: 0.056 ng/ul

RT: 15.158 min Scan# 2665

Delta R.T. -0.019 min

Lab File: BM045921.D

Acq: 08 Jun 2024 18:05

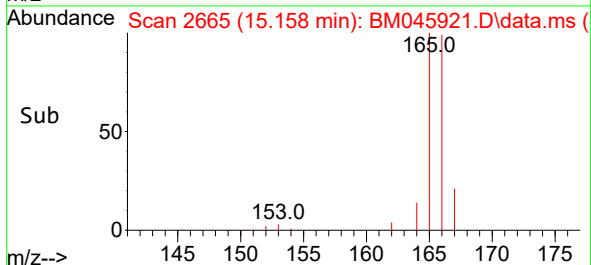
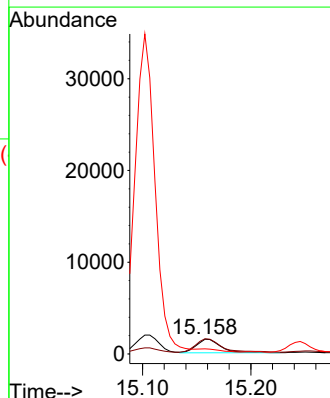
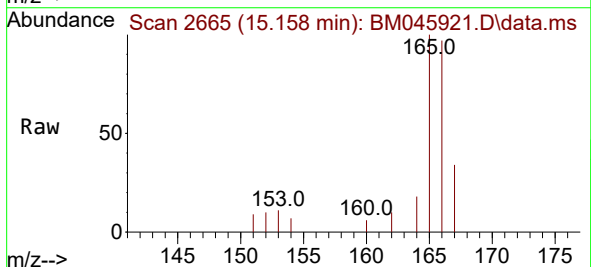
Tgt Ion:166 Resp: 2282

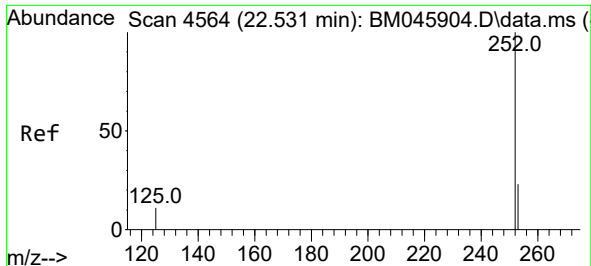
Ion Ratio Lower Upper

166 100

165 103.2 79.7 119.5

167 35.3 11.3 16.9#

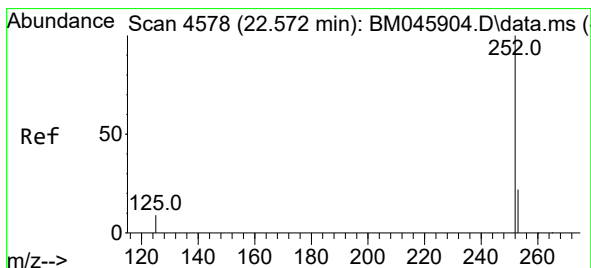
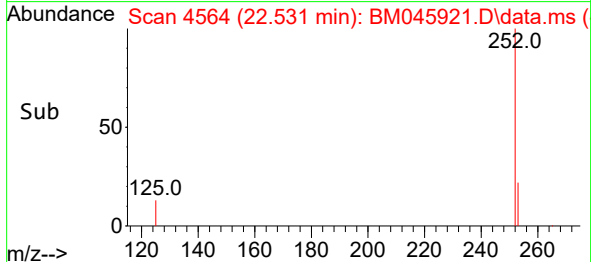
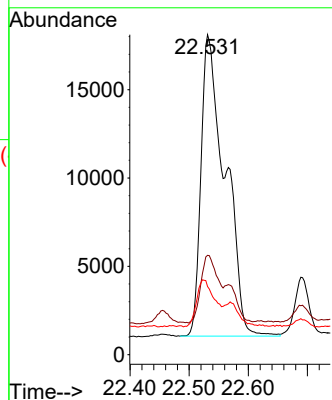
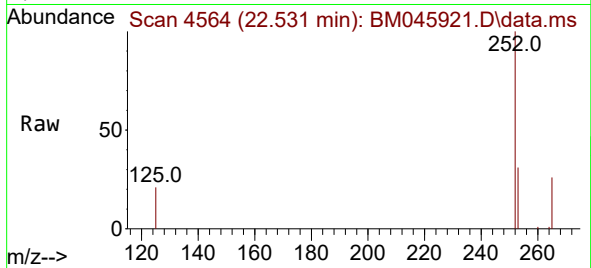




#24
Benzo(b)fluoranthene
Concen: 0.808 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

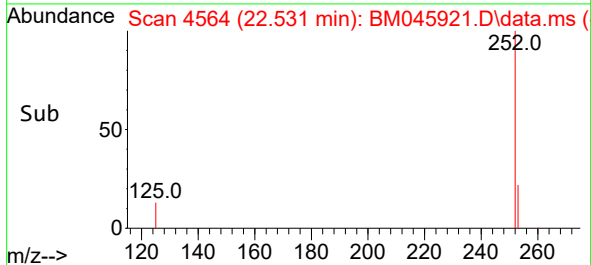
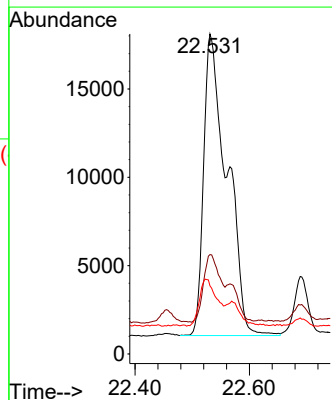
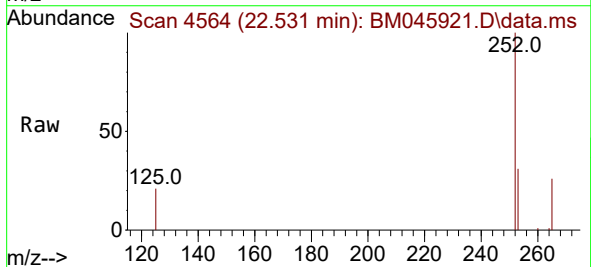
Instrument :
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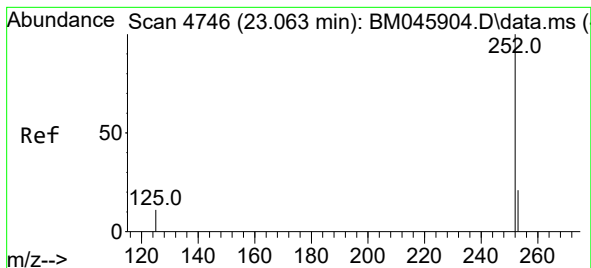
Tgt Ion:252 Resp: 48187
Ion Ratio Lower Upper
252 100
253 31.1 0.0 63.6
125 21.3 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.736 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.050 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:252 Resp: 48285
Ion Ratio Lower Upper
252 100
253 31.1 25.0 37.6
125 21.3 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.060 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM045921.D

Acq: 08 Jun 2024 18:05

Instrument :

BNA_M

ClientSampleId :

A4C39

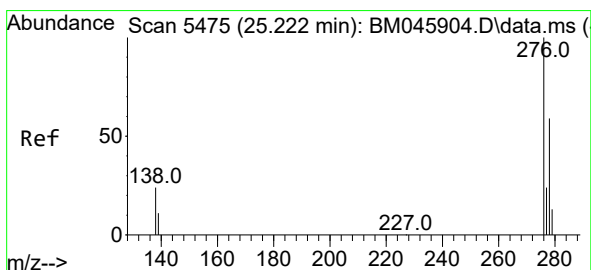
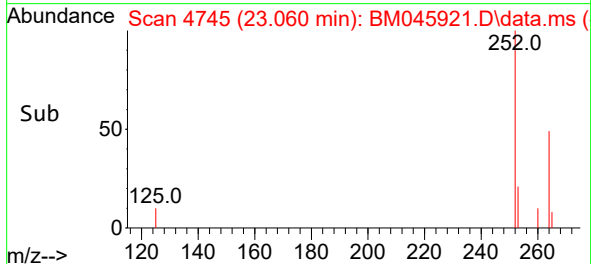
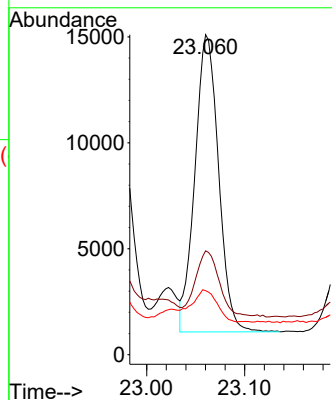
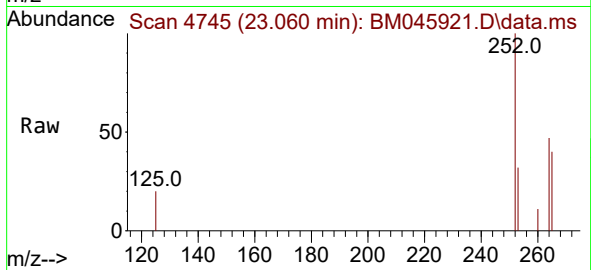
Tgt Ion:252 Resp: 23503

Ion Ratio Lower Upper

252 100

253 32.5 28.8 43.2

125 20.0 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.223 ng/ul

RT: 25.216 min Scan# 5473

Delta R.T. -0.016 min

Lab File: BM045921.D

Acq: 08 Jun 2024 18:05

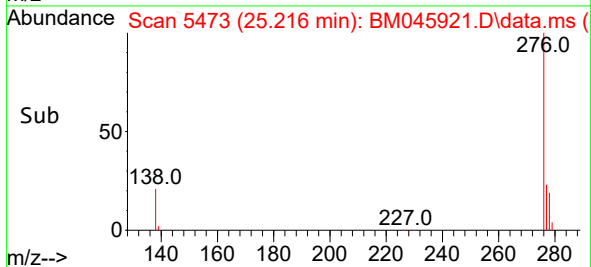
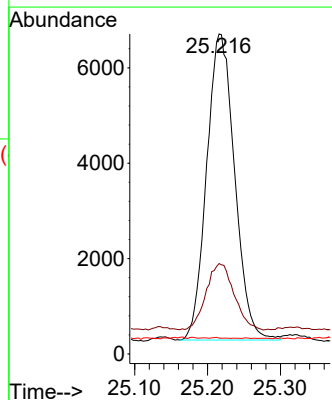
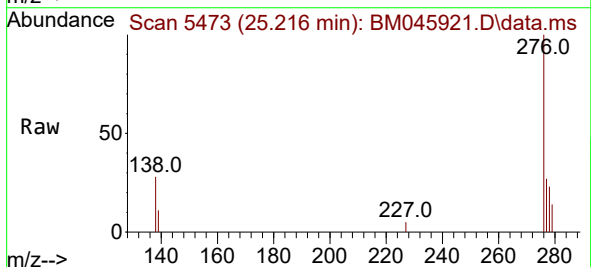
Tgt Ion:276 Resp: 17121

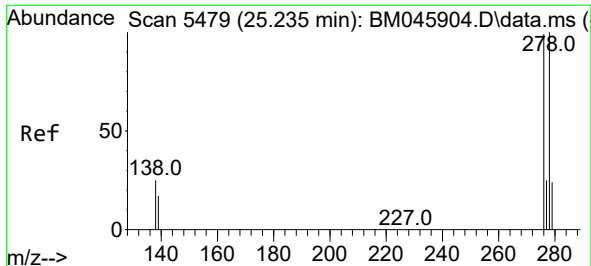
Ion Ratio Lower Upper

276 100

138 21.5 20.7 31.1

227 0.2 0.2 0.2

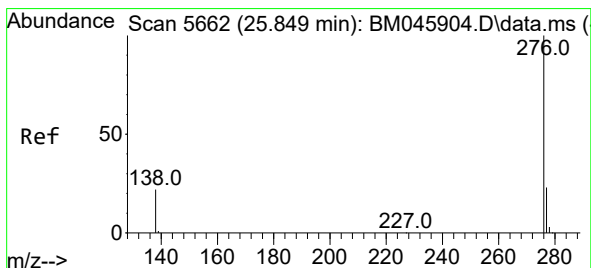
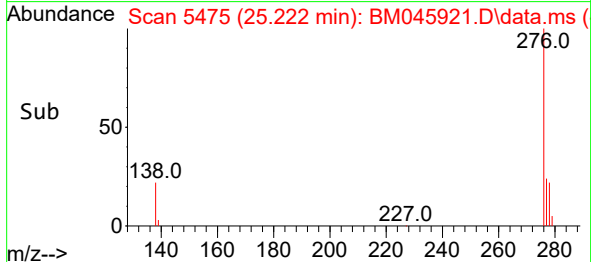
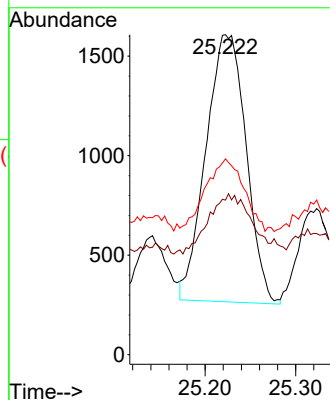
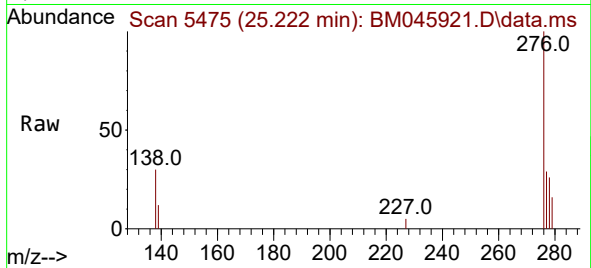




#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.222 min Scan# 5479
Delta R.T. -0.027 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:278 Resp: 4142
Ion Ratio Lower Upper
278 100
139 48.3 16.6 25.0#
279 61.2 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. -0.016 min
Lab File: BM045921.D
Acq: 08 Jun 2024 18:05

Tgt Ion:276 Resp: 18211
Ion Ratio Lower Upper
276 100
138 27.9 21.0 31.4
277 27.4 20.5 30.7

