

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048382.D
 Acq On : 01 Nov 2024 06:30
 Operator : RC/JU
 Sample : P4592-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H05

Quant Time: Nov 03 07:05:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

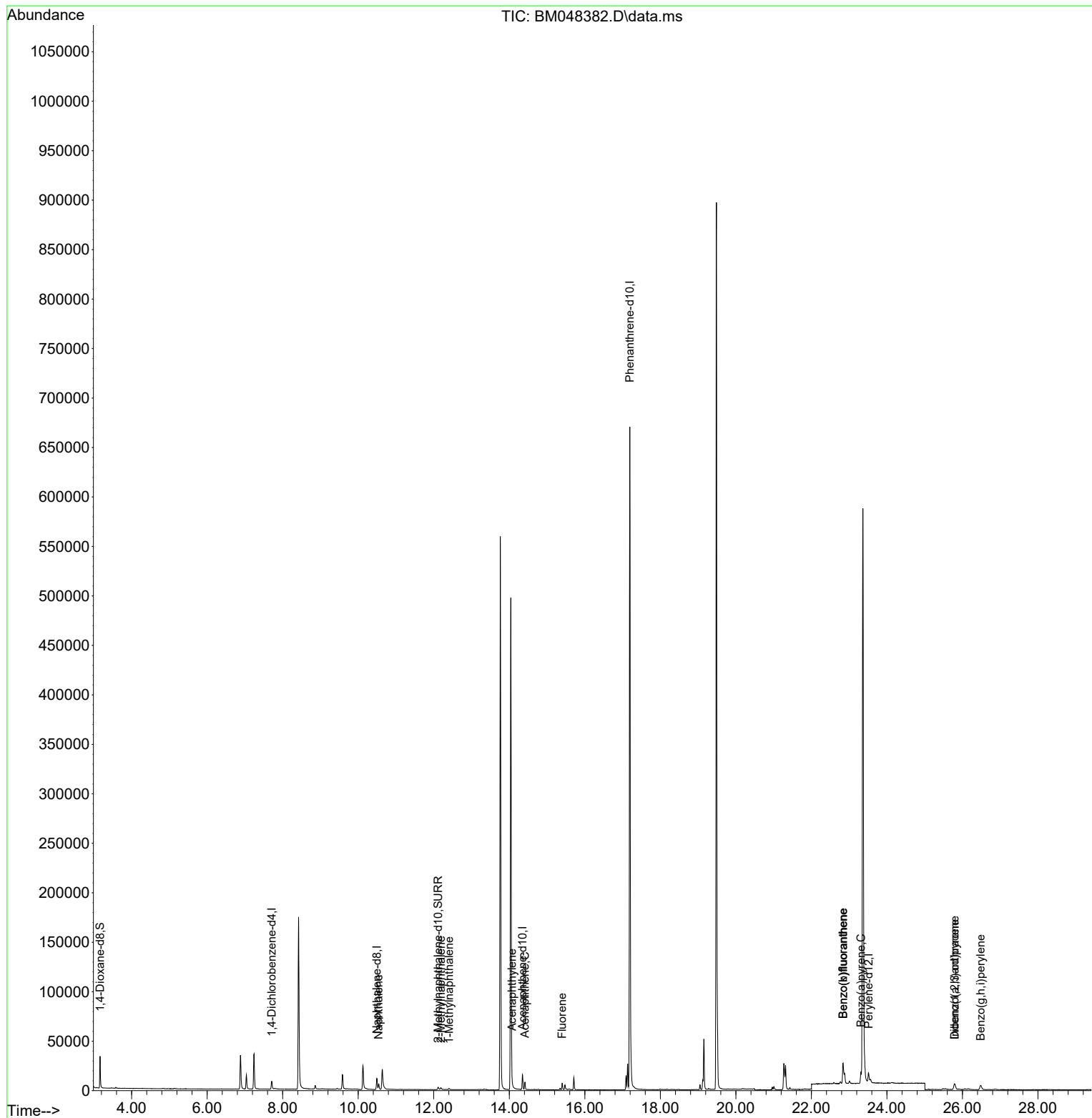
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5058	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	16096	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.349	164	8656	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.192	188	831155	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.29
23) Perylene-d12	23.513	264	18140	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18763	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	4698	0.229	ng/ul	-0.03
18) Fluoranthene-d10	19.123	212	11023	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	7902	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.190	142	1909	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.405	142	1046	0.039	ng/ul	95
10) Acenaphthylene	14.072	152	2027	0.061	ng/ul#	87
11) Acenaphthene	14.414	153	4511	0.168	ng/ul	98
12) Fluorene	15.400	166	4440	0.149	ng/ul	99
24) Benzo(b)fluoranthene	22.838	252	47175	0.761	ng/ul	94
25) Benzo(k)fluoranthene	22.838	252	47175	0.643	ng/ul	95
26) Benzo(a)pyrene	23.311	252	15628	0.268	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.796	276	11432	0.140	ng/ul	94
28) Dibenzo(a,h)anthracene	25.796	278	2835	0.045	ng/ul#	55
29) Benzo(g,h,i)perylene	26.483	276	10723	0.156	ng/ul	97

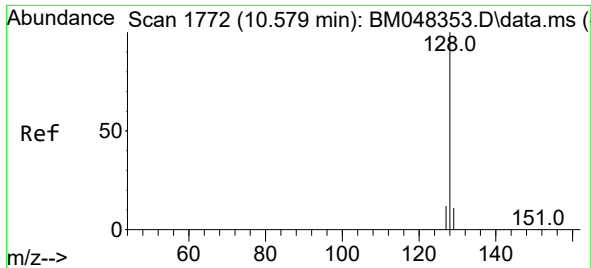
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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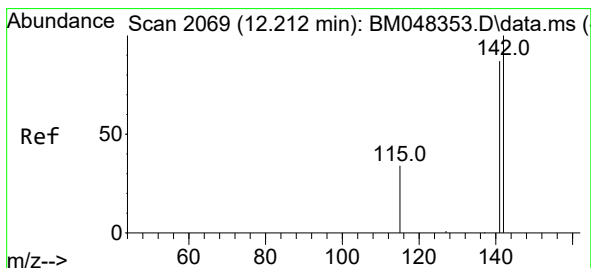
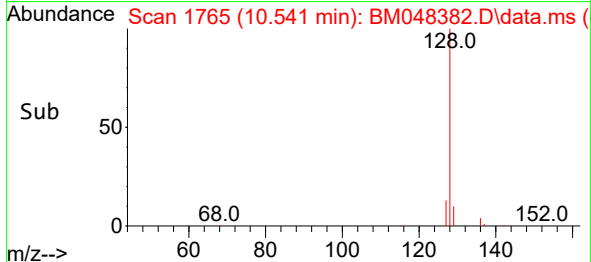
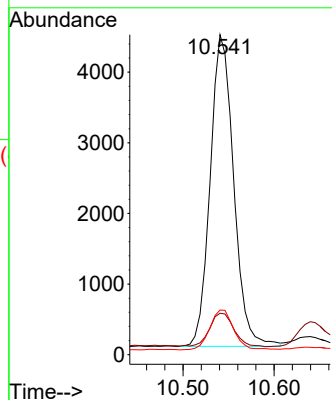
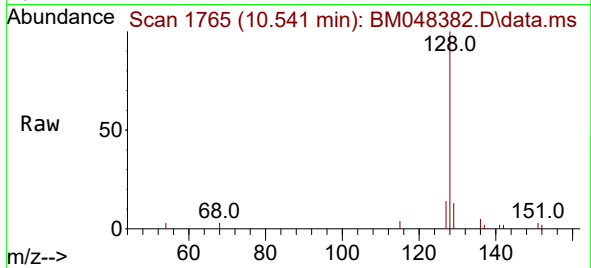




#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.541 min Scan# 1772
Delta R.T. -0.038 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

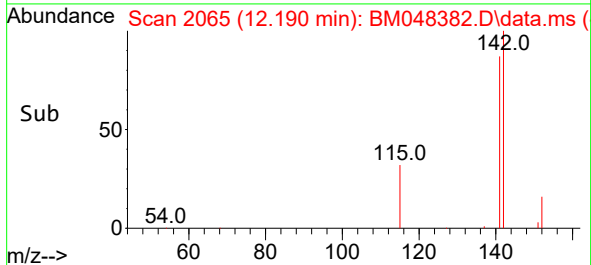
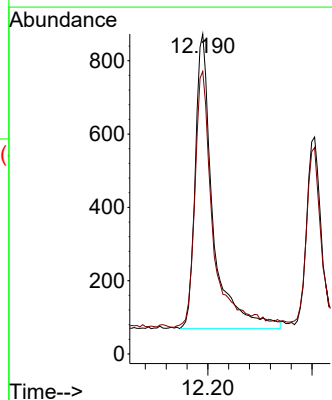
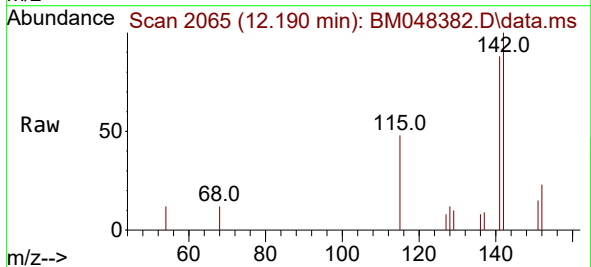
Instrument :
BNA_M
ClientSampleId :
F7H05

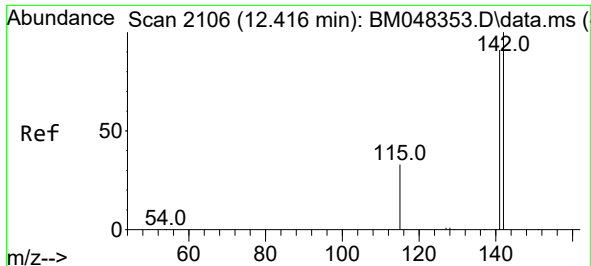
Tgt Ion:128 Resp: 7902
Ion Ratio Lower Upper
128 100
129 12.9 10.6 15.8
127 13.9 11.4 17.2



#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.022 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Tgt Ion:142 Resp: 1909
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2

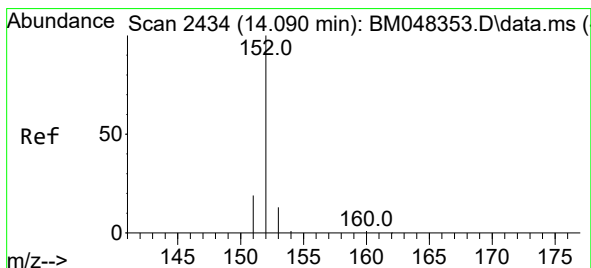
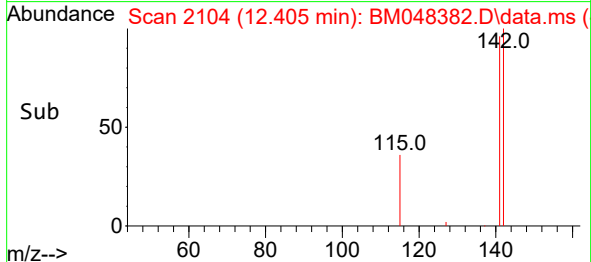
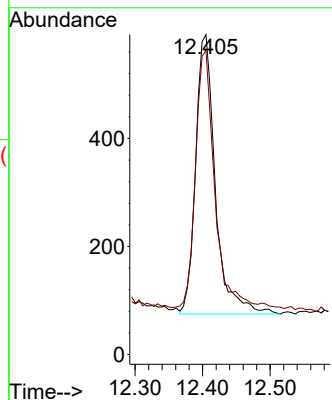
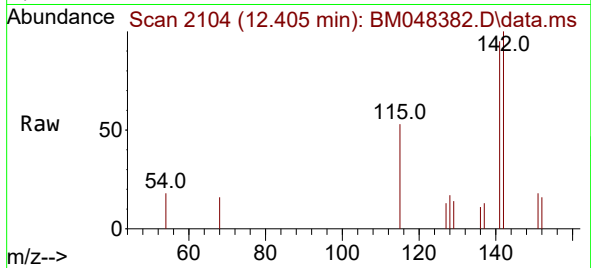




#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.405 min Scan# 2104
Delta R.T. -0.011 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

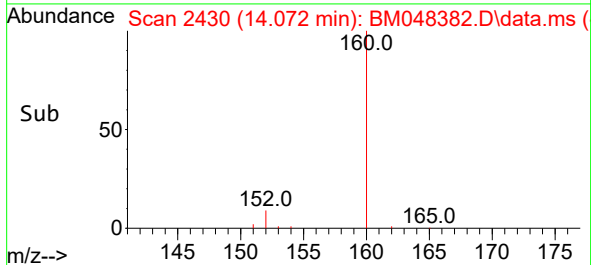
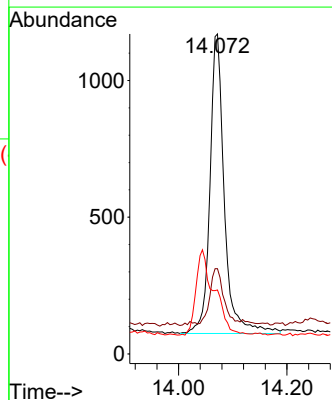
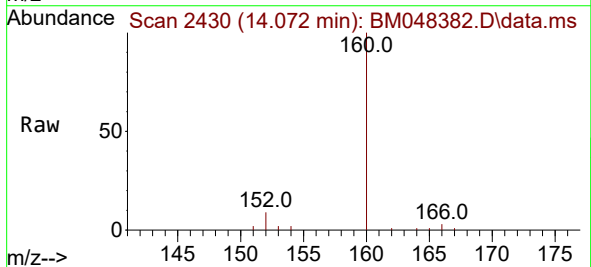
Instrument :
BNA_M
ClientSampleId :
F7H05

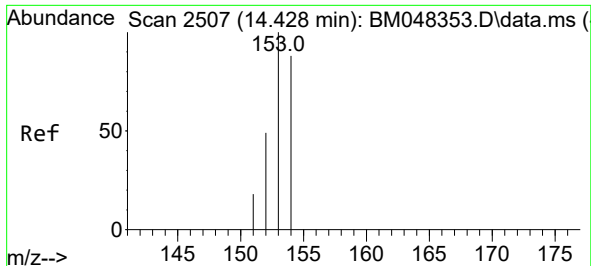
Tgt Ion:142 Resp: 1046
Ion Ratio Lower Upper
142 100
141 89.9 75.5 113.3



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.072 min Scan# 2430
Delta R.T. -0.018 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Tgt Ion:152 Resp: 2027
Ion Ratio Lower Upper
152 100
151 26.7 16.6 24.8#
153 20.0 11.8 17.6#

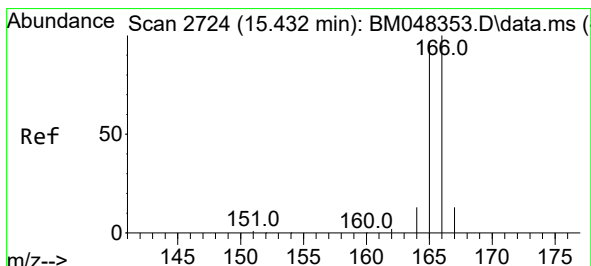
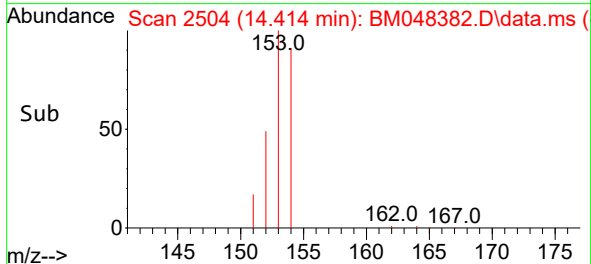
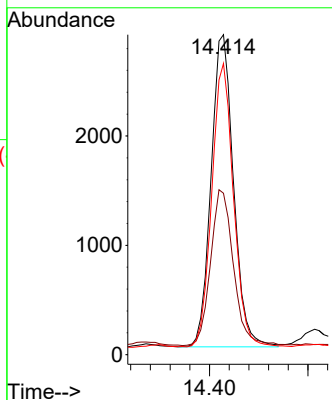
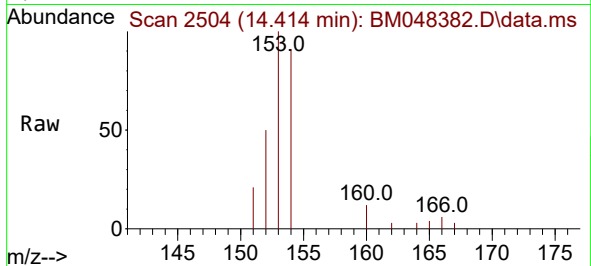




#11
Acenaphthene
Concen: 0.168 ng/ul
RT: 14.414 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

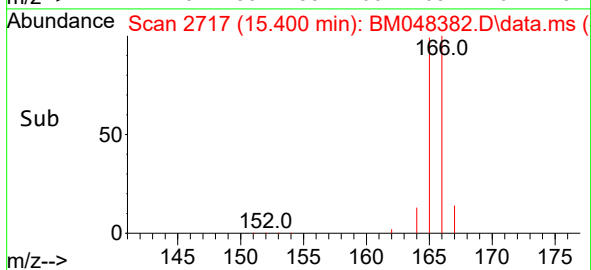
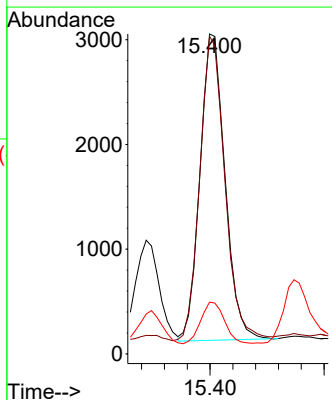
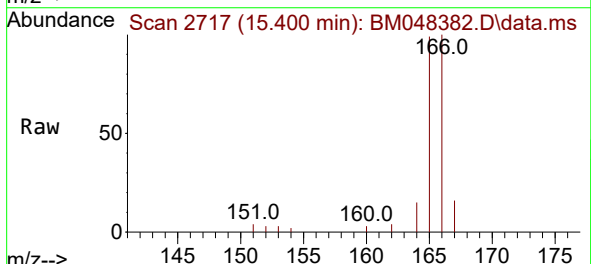
Instrument :
BNA_M
ClientSampleId :
F7H05

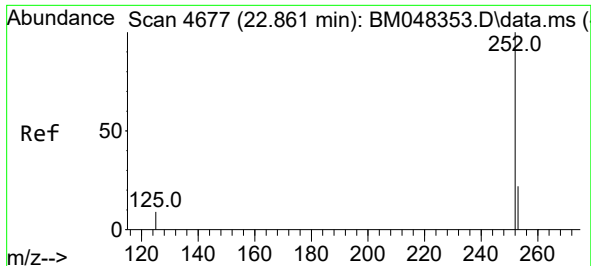
Tgt Ion:153 Resp: 4511
Ion Ratio Lower Upper
153 100
152 50.4 40.7 61.1
154 91.0 70.6 106.0



#12
Fluorene
Concen: 0.149 ng/ul
RT: 15.400 min Scan# 2717
Delta R.T. -0.032 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Tgt Ion:166 Resp: 4440
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 16.2 12.1 18.1

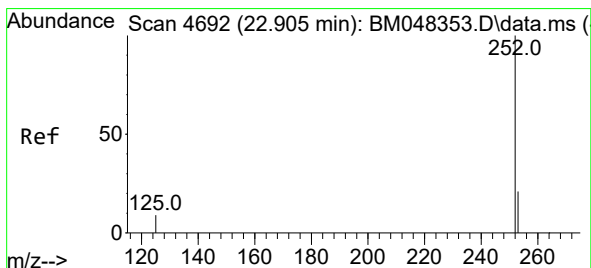
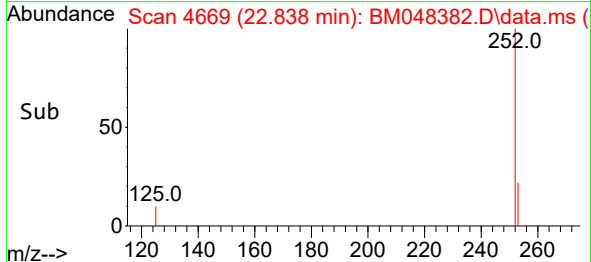
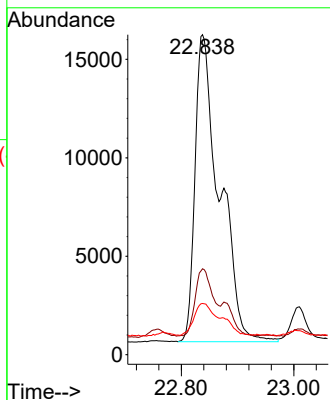
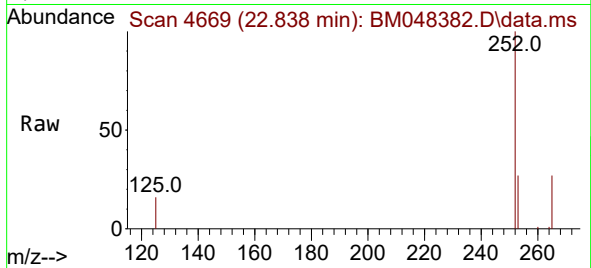




#24
Benzo(b)fluoranthene
Concen: 0.761 ng/ul
RT: 22.838 min Scan# 4669
Delta R.T. -0.023 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

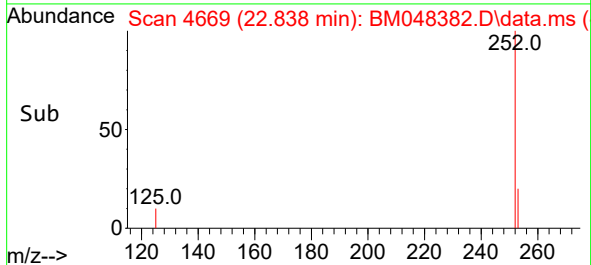
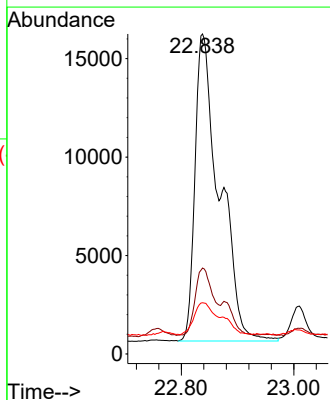
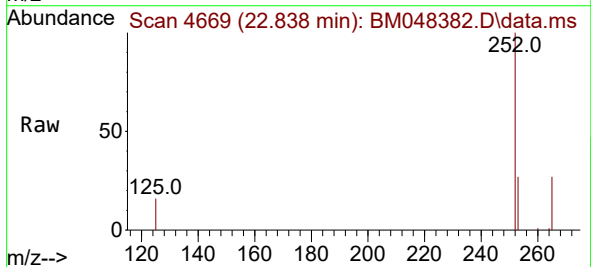
Instrument :
BNA_M
ClientSampleId :
F7H05

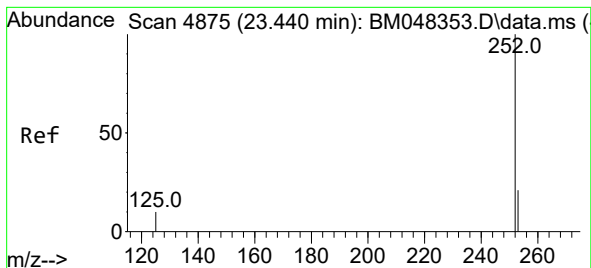
Tgt Ion:252 Resp: 47175
Ion Ratio Lower Upper
252 100
253 26.8 0.0 59.4
125 16.0 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.643 ng/ul
RT: 22.838 min Scan# 4669
Delta R.T. -0.067 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Tgt Ion:252 Resp: 47175
Ion Ratio Lower Upper
252 100
253 26.8 23.4 35.0
125 16.0 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.268 ng/ul

RT: 23.311 min Scan# 4831

Delta R.T. -0.129 min

Lab File: BM048382.D

Acq: 01 Nov 2024 06:30

Instrument :

BNA_M

ClientSampleId :

F7H05

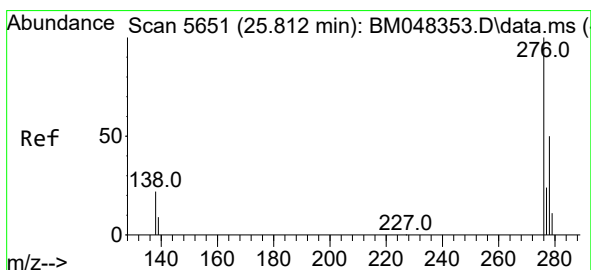
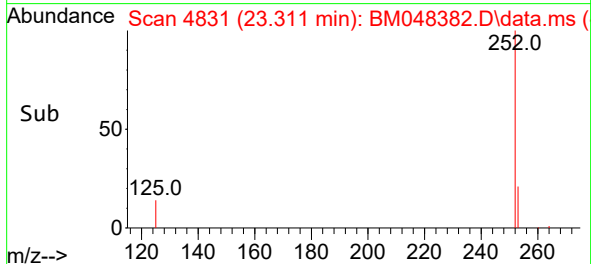
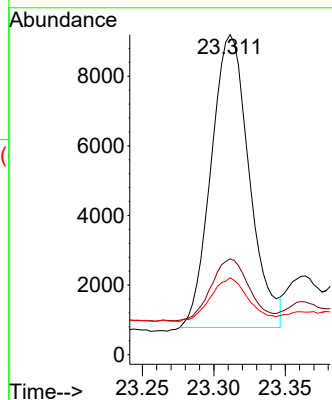
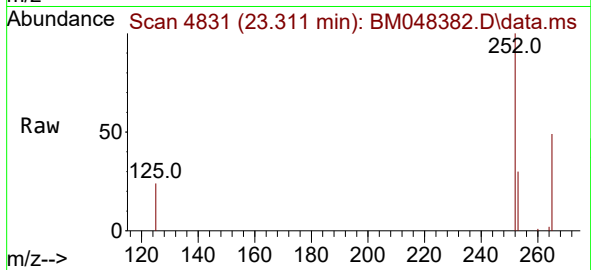
Tgt Ion:252 Resp: 15628

Ion Ratio Lower Upper

252 100

253 30.0 27.7 41.5

125 24.0 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.140 ng/ul

RT: 25.796 min Scan# 5646

Delta R.T. -0.017 min

Lab File: BM048382.D

Acq: 01 Nov 2024 06:30

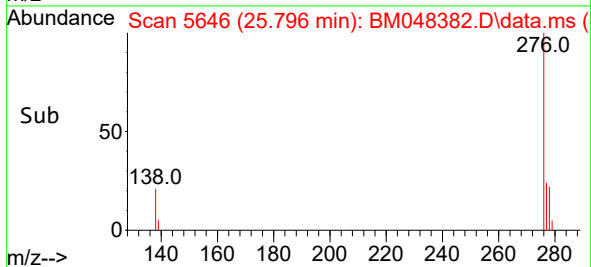
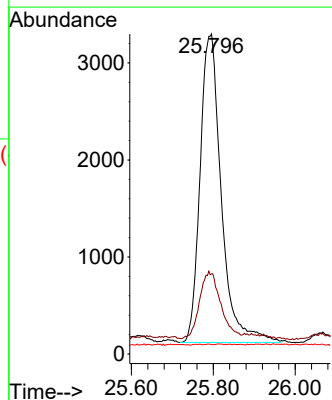
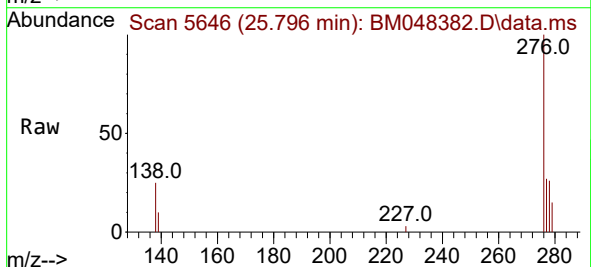
Tgt Ion:276 Resp: 11432

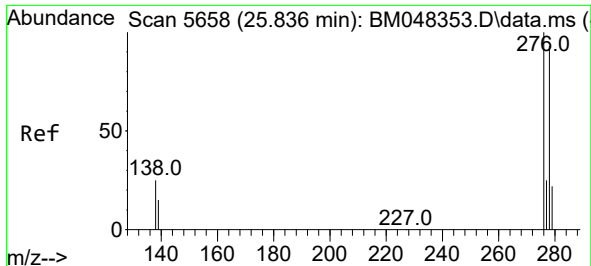
Ion Ratio Lower Upper

276 100

138 21.6 19.6 29.4

227 0.1 0.1 0.1

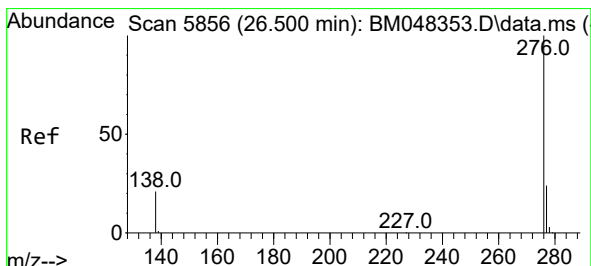
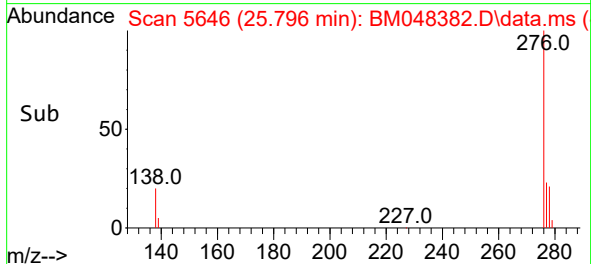
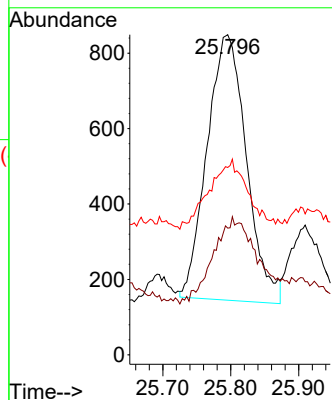
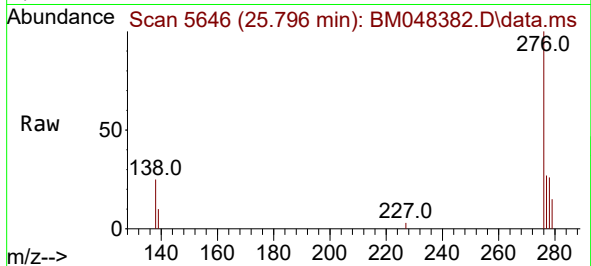




#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.040 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Instrument :
BNA_M
ClientSampleId :
F7H05

Tgt Ion:278 Resp: 2835
Ion Ratio Lower Upper
278 100
139 39.6 15.6 23.4#
279 58.5 26.4 39.6#



#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 26.483 min Scan# 5851
Delta R.T. -0.017 min
Lab File: BM048382.D
Acq: 01 Nov 2024 06:30

Tgt Ion:276 Resp: 10723
Ion Ratio Lower Upper
276 100
138 25.2 19.0 28.6
277 27.0 20.6 31.0

