

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092524\
 Data File : BM047632.D
 Acq On : 25 Sep 2024 19:32
 Operator : RC/JU
 Sample : P4130-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0H10MS

Quant Time: Sep 26 02:53:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 16:27:08 2024
 Response via : Initial Calibration

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

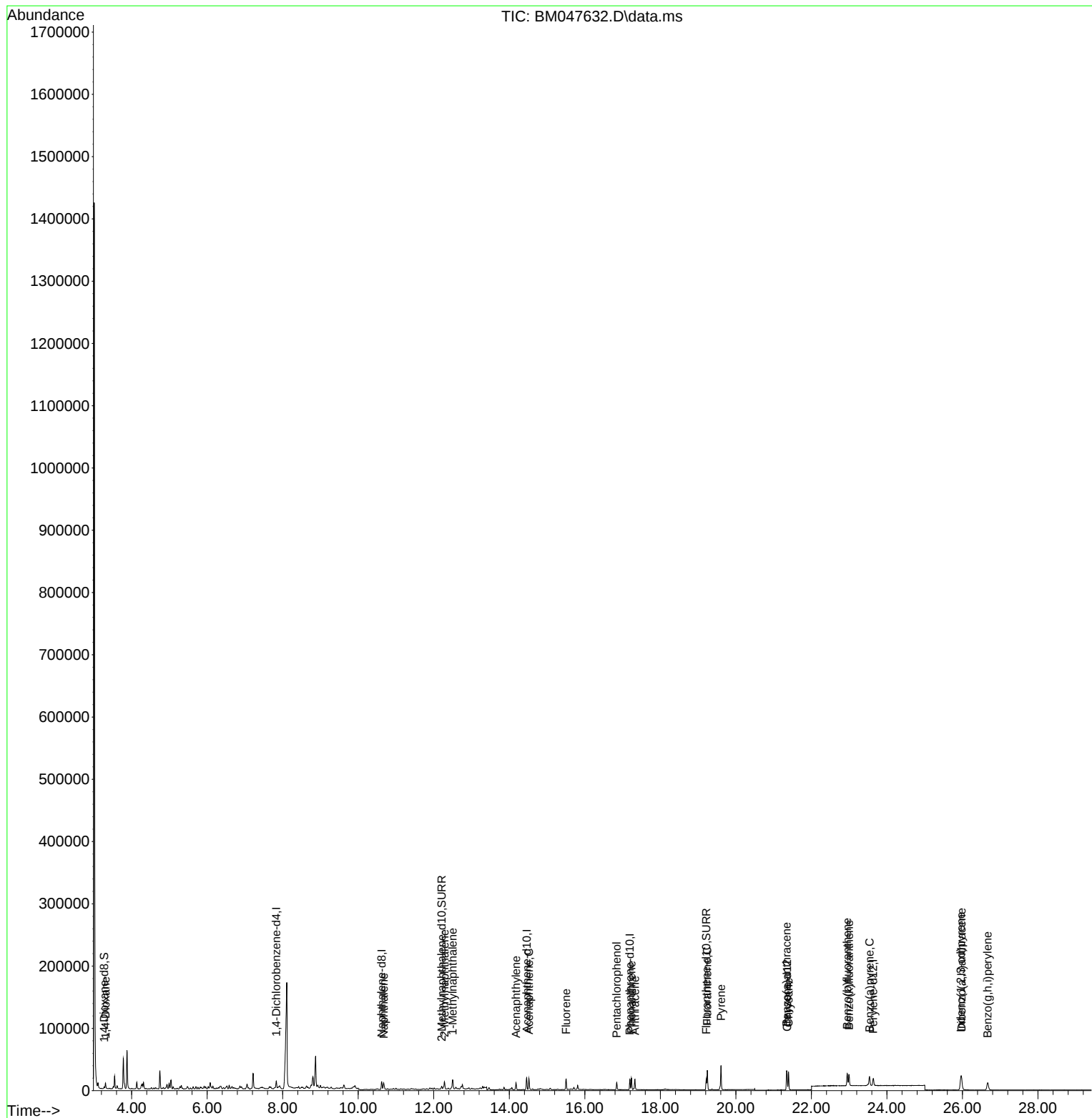
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	5470	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	16467	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.461	164	9582	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.192	188	19258	0.400	ng/ul	0.00
17) Chrysene-d12	21.359	240	15780	0.400	ng/ul	0.00
23) Perylene-d12	23.639	264	16390	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	1773	0.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	6106	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	17883	0.370	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.307	88	5570	0.662	ng/ul#	82
5) Naphthalene	10.673	128	13671	0.305	ng/ul	95
7) 2-Methylnaphthalene	12.284	142	8025	0.298	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	9862	0.349	ng/ul	99
10) Acenaphthylene	14.178	152	12406	0.266	ng/ul	98
11) Acenaphthene	14.521	153	9841	0.308	ng/ul	99
12) Fluorene	15.506	166	11131	0.308	ng/ul	98
14) Pentachlorophenol	16.846	266	7632	1.318	ng/ul	99
15) Phenanthrene	17.234	178	20106	0.352	ng/ul	99
16) Anthracene	17.327	178	18204	0.358	ng/ul	99
19) Fluoranthene	19.244	202	26051	0.392	ng/ul	99
20) Pyrene	19.606	202	32318	0.457	ng/ul	99
21) Benzo(a)anthracene	21.342	228	24403	0.366	ng/ul	100
22) Chrysene	21.394	228	24708	0.356	ng/ul	99
24) Benzo(b)fluoranthene	22.949	252	25456	0.357	ng/ul	99
25) Benzo(k)fluoranthene	22.996	252	25472	0.355	ng/ul	99
26) Benzo(a)pyrene	23.539	252	21479	0.382	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.957	276	30756	0.343	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.973	278	23542	0.349	ng/ul	100
29) Benzo(g,h,i)perylene	26.668	276	25086	0.349	ng/ul	100

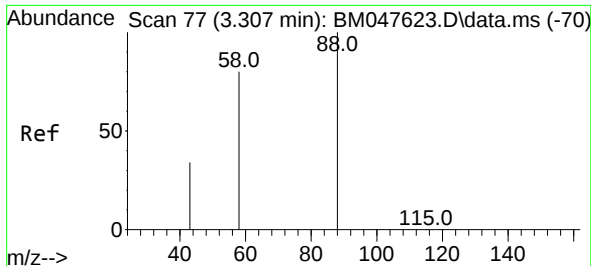
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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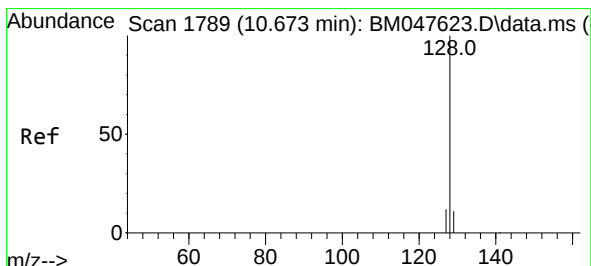
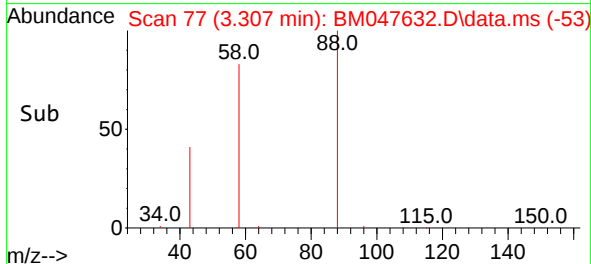
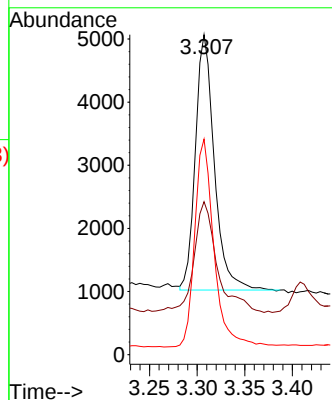
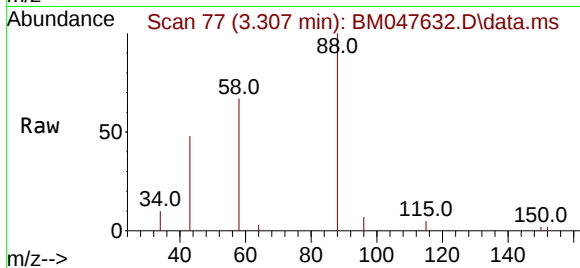




#2
1,4-Dioxane
Concen: 0.662 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

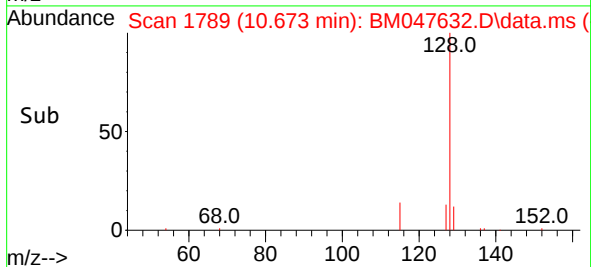
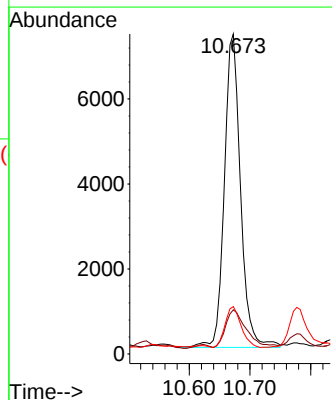
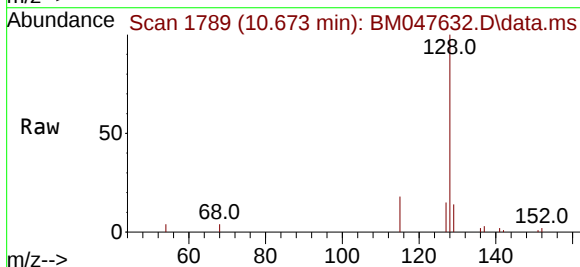
Instrument :
BNA_M
ClientSampleId :
H0HI0MS

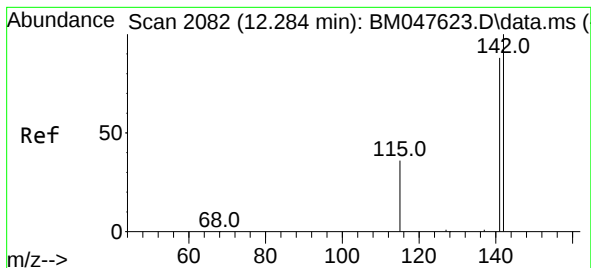
Tgt Ion: 88 Resp: 5570
Ion Ratio Lower Upper
88 100
43 47.8 30.9 46.3#
58 67.4 42.5 63.7#



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.673 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion: 128 Resp: 13671
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.8 10.4 15.6

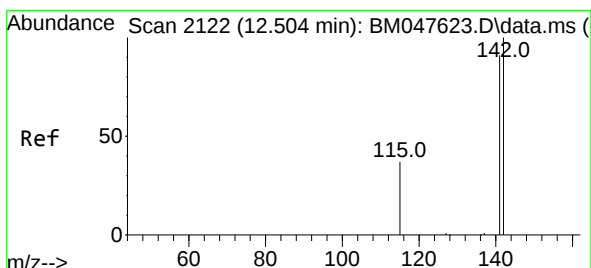
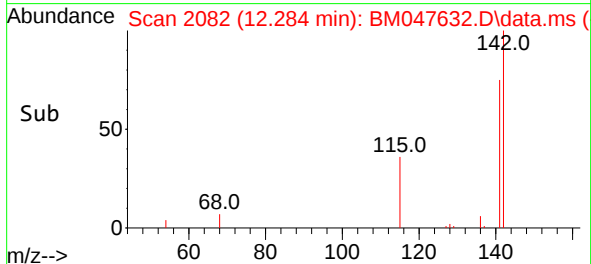
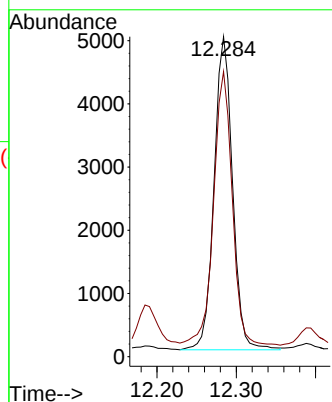
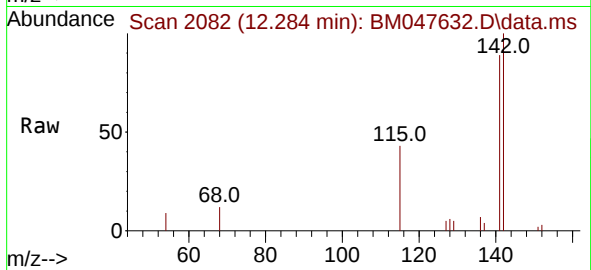




#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

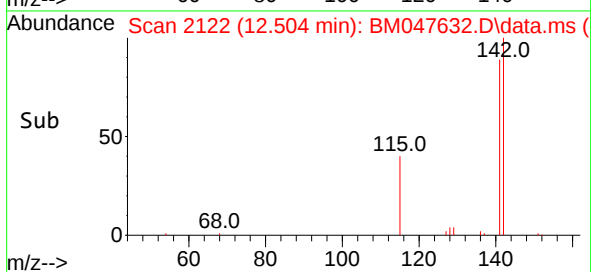
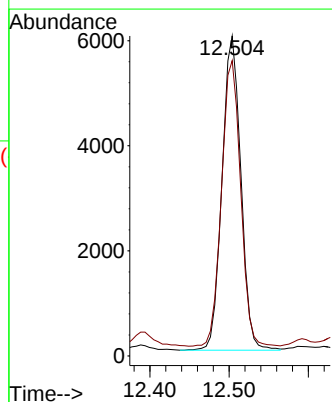
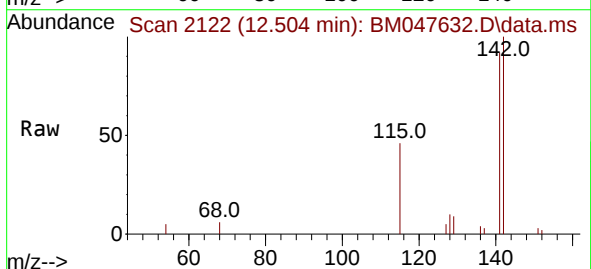
Instrument :
BNA_M
ClientSampleId :
H0HI0MS

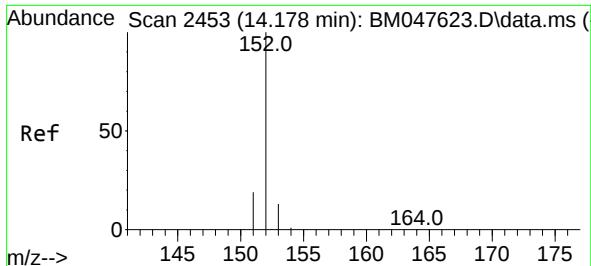
Tgt Ion:142 Resp: 8025
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion:142 Resp: 9862
Ion Ratio Lower Upper
142 100
141 91.9 72.9 109.3

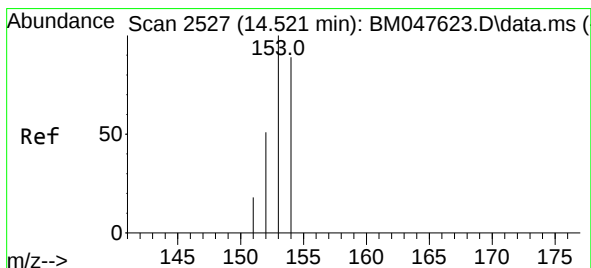
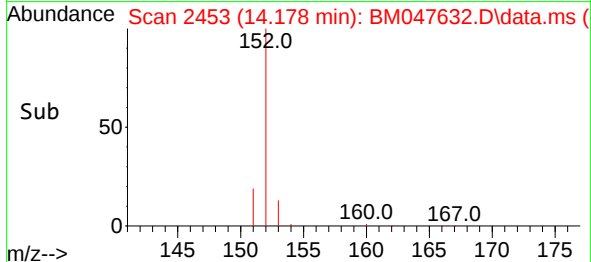
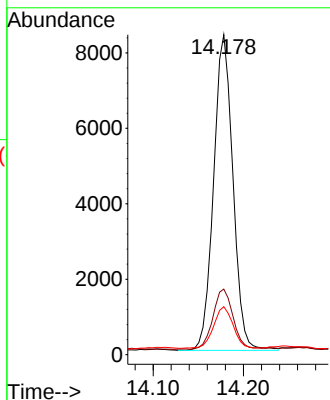
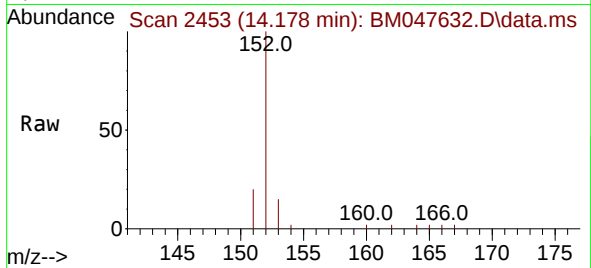




#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

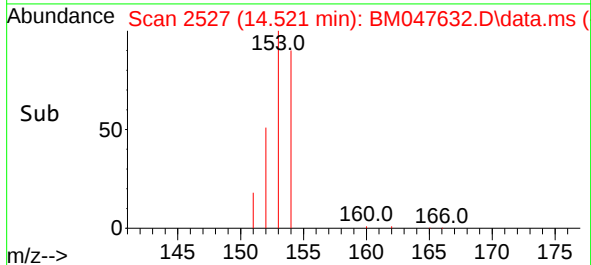
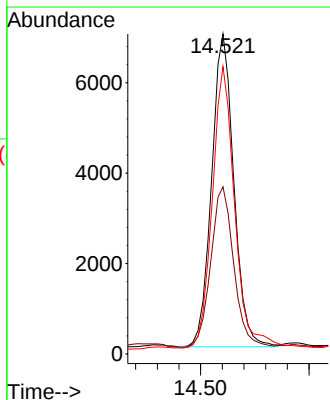
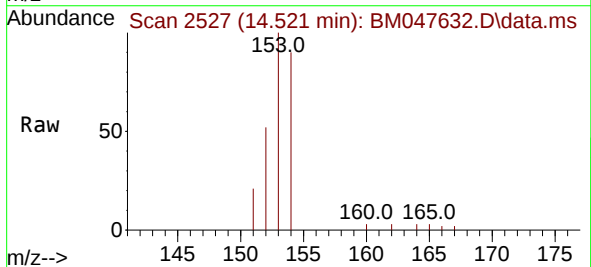
Instrument :
BNA_M
ClientSampleId :
H0HI0MS

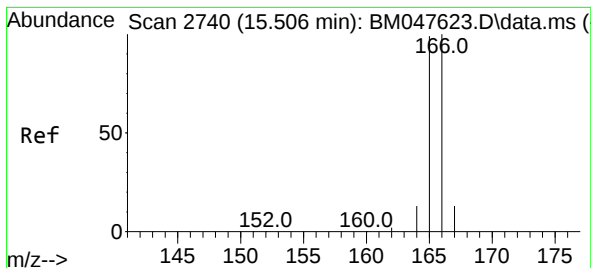
Tgt Ion:	152	Resp:	12406
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1
153	15.0	10.7	16.1



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion:	153	Resp:	9841
Ion Ratio	Lower	Upper	
153	100		
152	52.2	41.7	62.5
154	89.8	71.2	106.8





#12

Fluorene

Concen: 0.308 ng/ul

RT: 15.506 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047632.D

Acq: 25 Sep 2024 19:32

Instrument :

BNA_M

ClientSampleId :

H0HI0MS

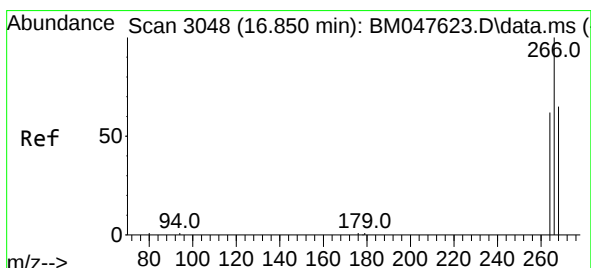
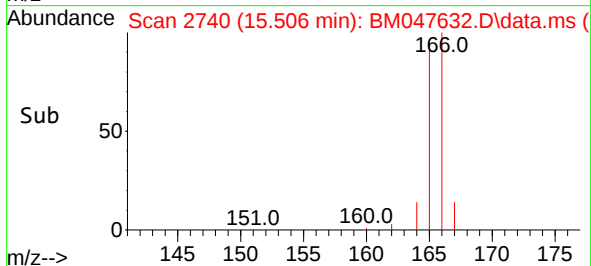
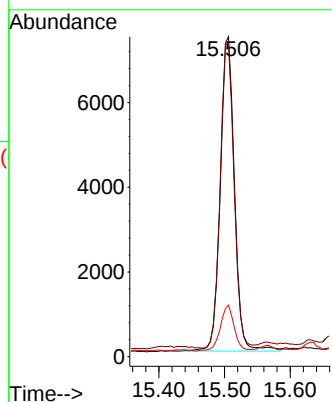
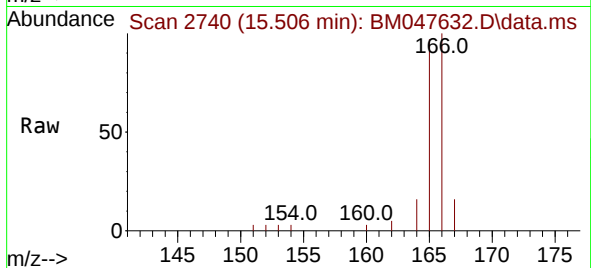
Tgt Ion:166 Resp: 11131

Ion Ratio Lower Upper

166 100

165 97.3 79.4 119.2

167 16.1 11.4 17.0



#14

Pentachlorophenol

Concen: 1.318 ng/ul

RT: 16.846 min Scan# 3047

Delta R.T. -0.004 min

Lab File: BM047632.D

Acq: 25 Sep 2024 19:32

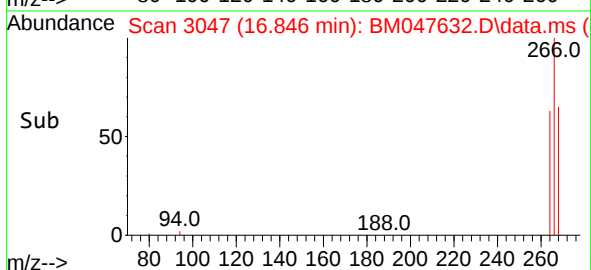
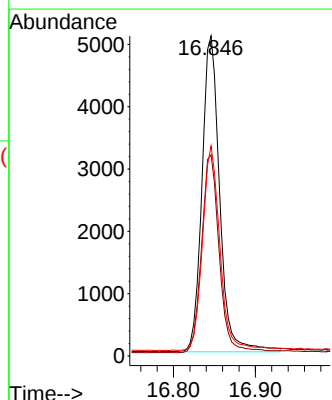
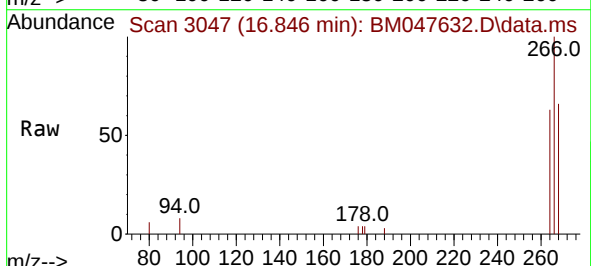
Tgt Ion:266 Resp: 7632

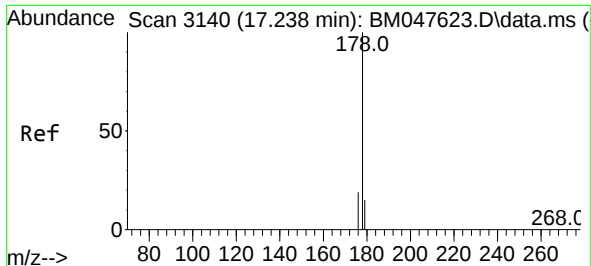
Ion Ratio Lower Upper

266 100

264 62.7 49.8 74.8

268 63.6 51.2 76.8

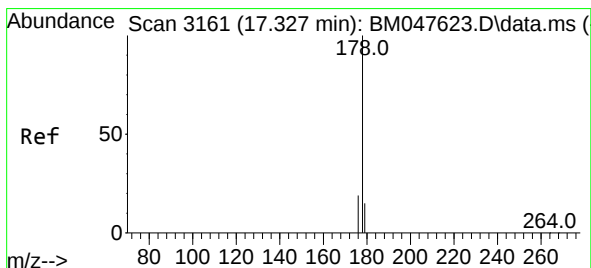
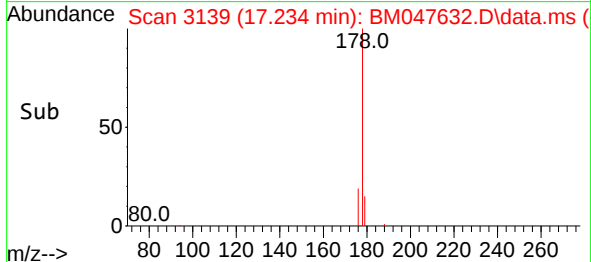
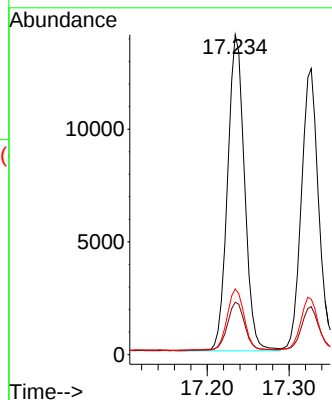
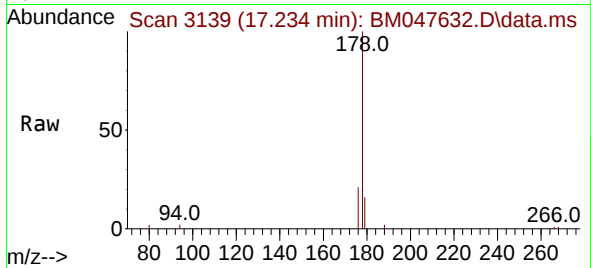




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.234 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

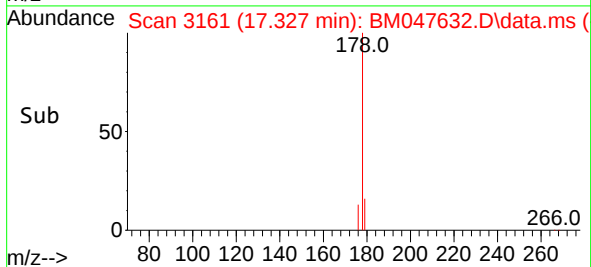
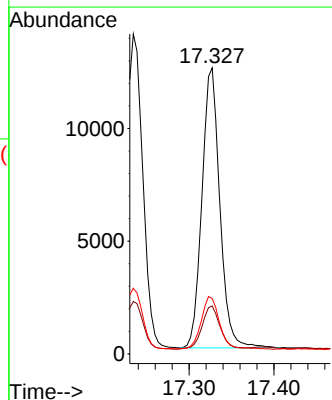
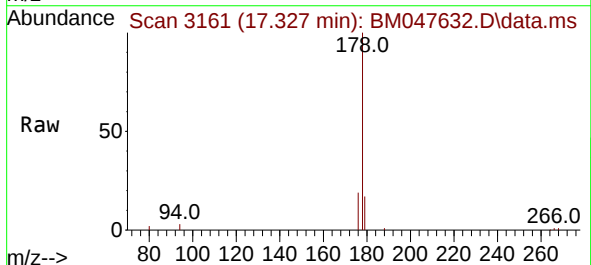
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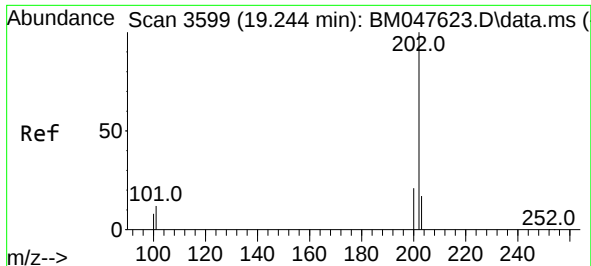
Tgt Ion:178	Resp:	20106
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.0 19.6
176	20.6	15.9 23.9



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.327 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion:178	Resp:	18204
Ion Ratio	Lower	Upper
178	100	
179	16.8	13.0 19.4
176	19.4	15.4 23.2

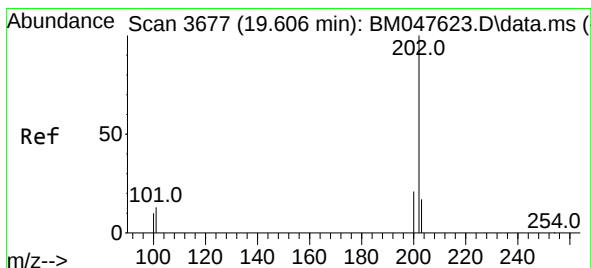
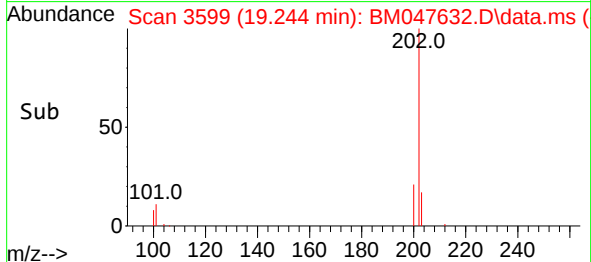
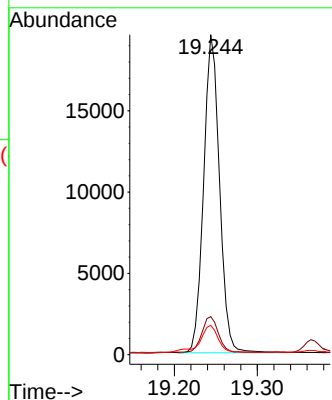
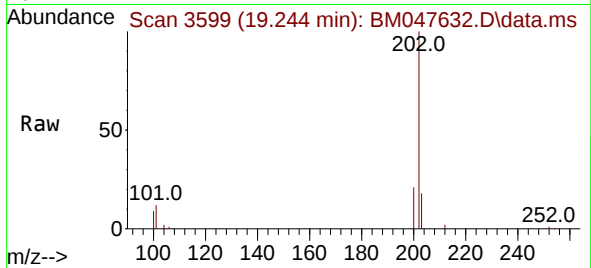




#19
Fluoranthene
Concen: 0.392 ng/u1
RT: 19.244 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

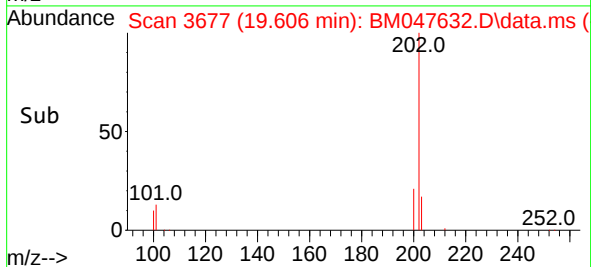
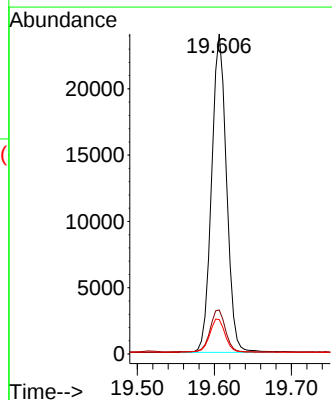
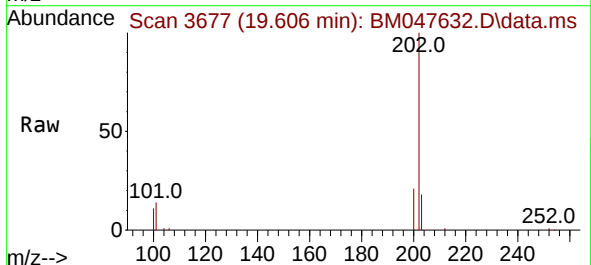
Instrument :
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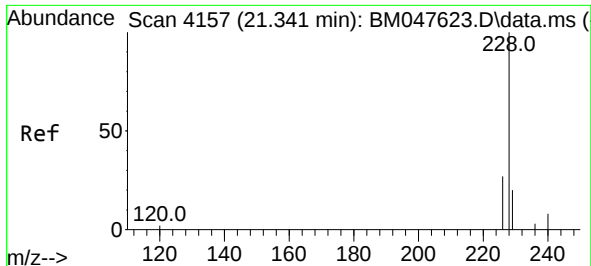
Tgt Ion:	202	Resp:	26051
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.6
100	9.1	7.4	11.2



#20
Pyrene
Concen: 0.457 ng/u1
RT: 19.606 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion:	202	Resp:	32318
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.7	16.1
100	10.8	8.2	12.2

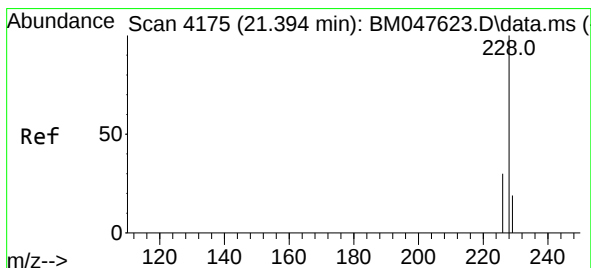
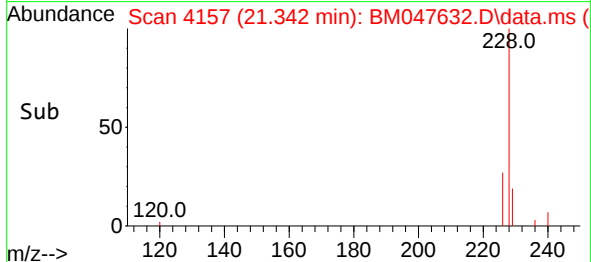
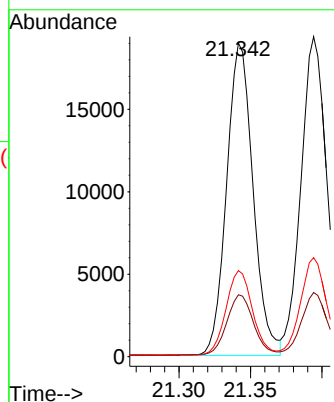
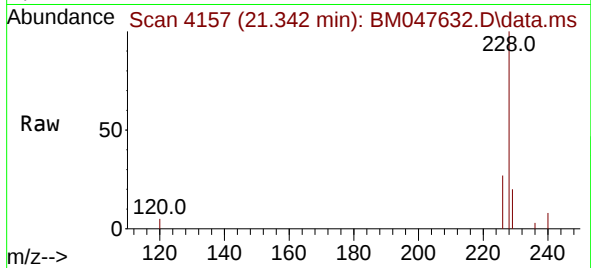




#21
Benzo(a)anthracene
Concen: 0.366 ng/u1
RT: 21.342 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

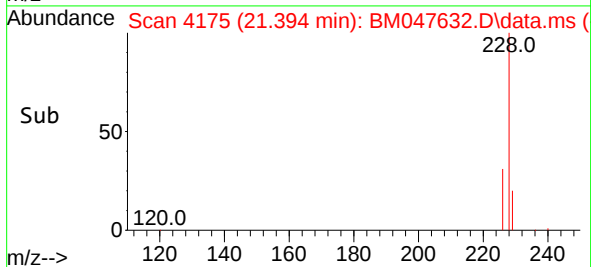
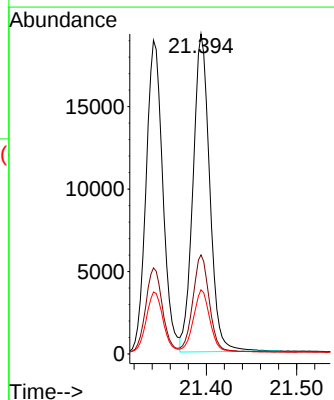
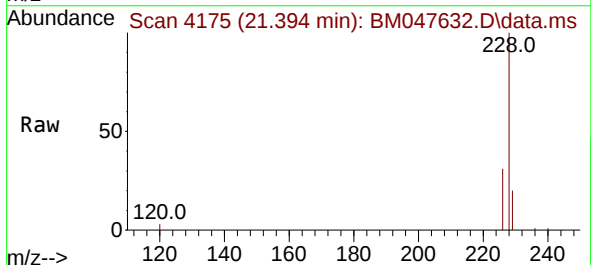
Instrument :
BNA_M
ClientSampleId :
H0HI0MS

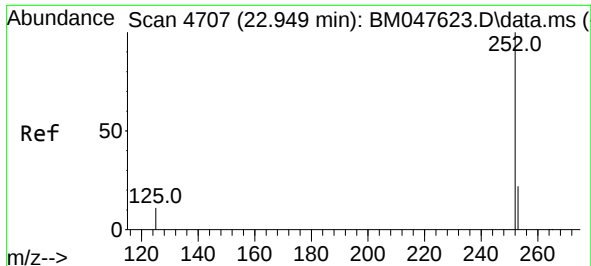
Tgt Ion:	228	Resp:	24403
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.9	23.9
226	27.4	22.1	33.1



#22
Chrysene
Concen: 0.356 ng/u1
RT: 21.394 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion:	228	Resp:	24708
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	20.1	15.7	23.5

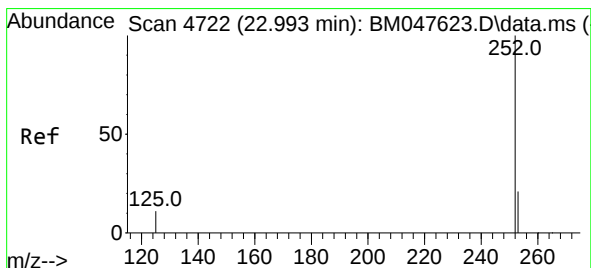
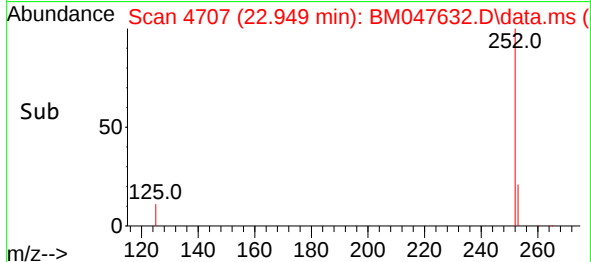
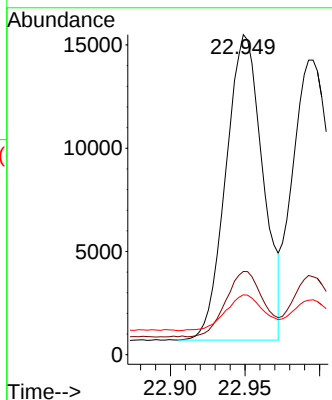
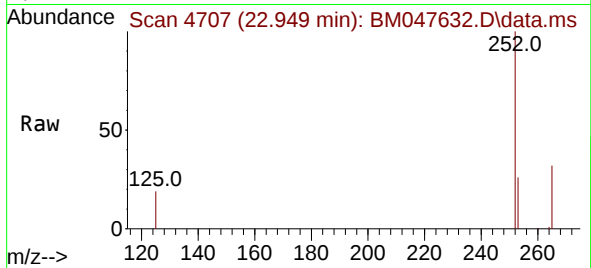




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.949 min Scan# 4707
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

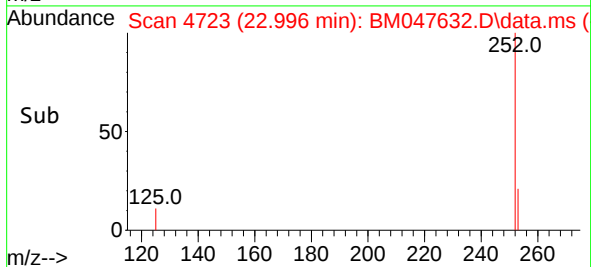
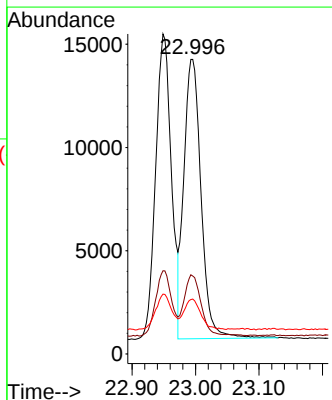
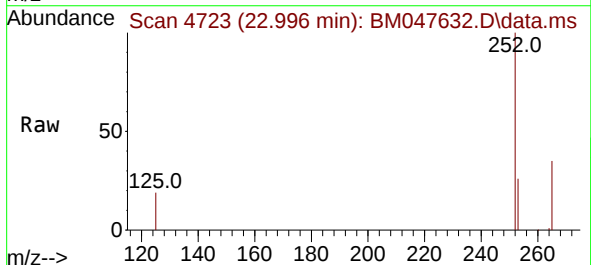
Instrument :
BNA_M
ClientSampleId :
H0HI0MS

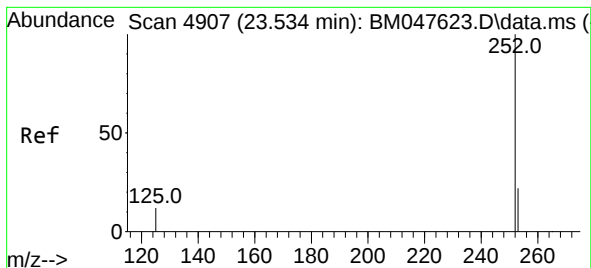
Tgt Ion:252	Resp:	25456
Ion Ratio	Lower	Upper
252	100	
253	26.0	0.0 52.4
125	18.7	0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.996 min Scan# 4723
Delta R.T. 0.003 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion:252	Resp:	25472
Ion Ratio	Lower	Upper
252	100	
253	26.5	21.0 31.6
125	18.6	14.6 21.8





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.539 min Scan# 4909

Delta R.T. 0.006 min

Lab File: BM047632.D

Acq: 25 Sep 2024 19:32

Instrument :

BNA_M

ClientSampleId :

H0HI0MS

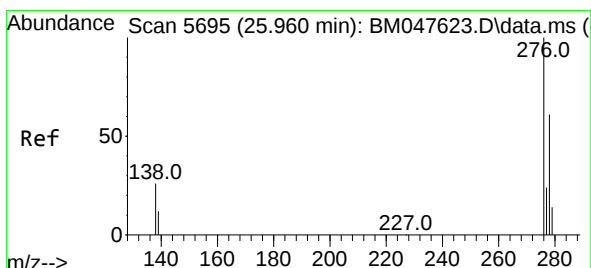
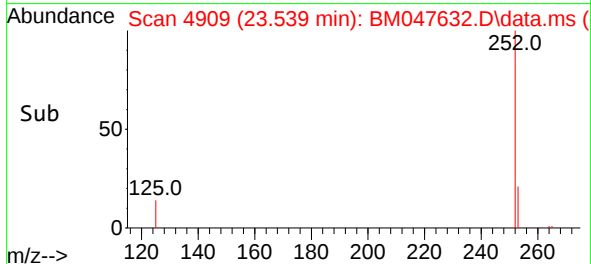
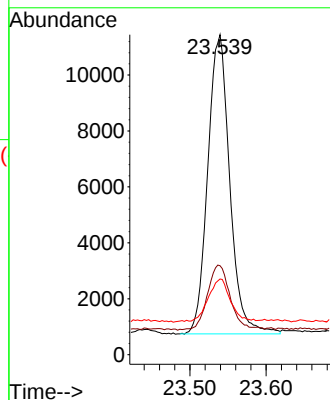
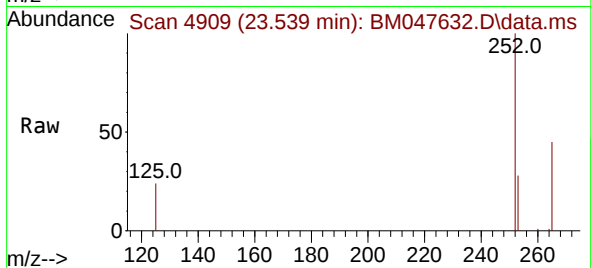
Tgt Ion:252 Resp: 21479

Ion Ratio Lower Upper

252 100

253 27.8 23.0 34.4

125 23.7 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul

RT: 25.957 min Scan# 5694

Delta R.T. -0.003 min

Lab File: BM047632.D

Acq: 25 Sep 2024 19:32

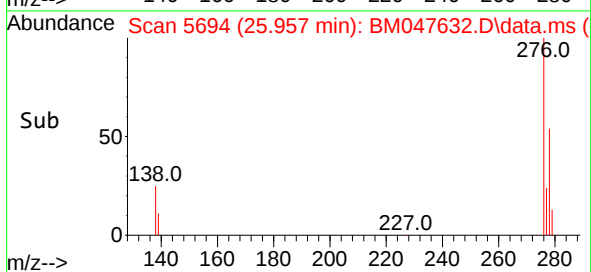
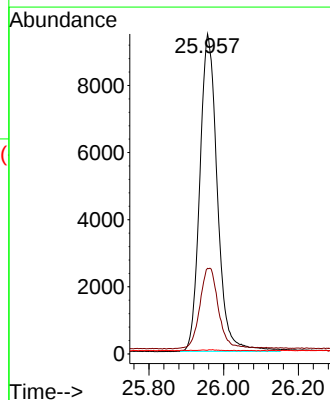
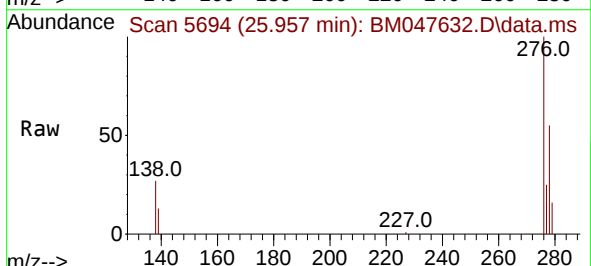
Tgt Ion:276 Resp: 30756

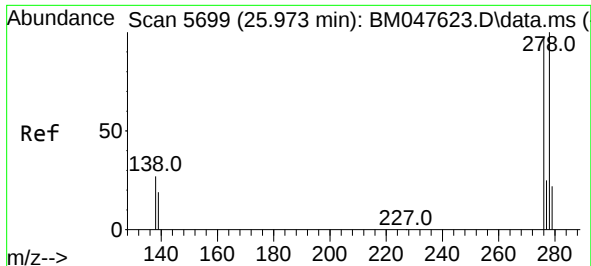
Ion Ratio Lower Upper

276 100

138 27.5 22.0 33.0

227 0.2 0.2 0.4

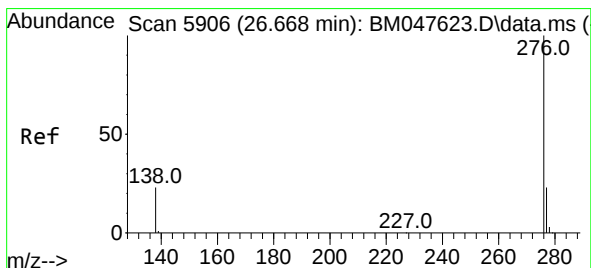
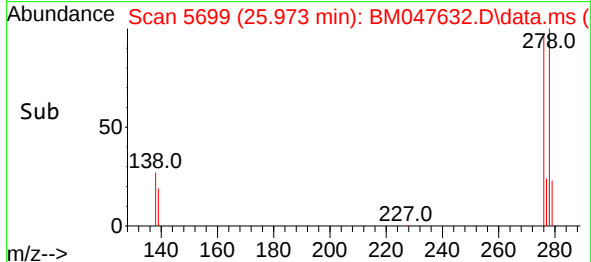
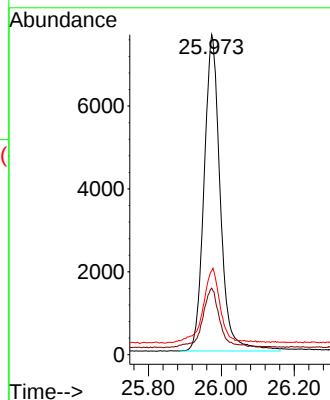
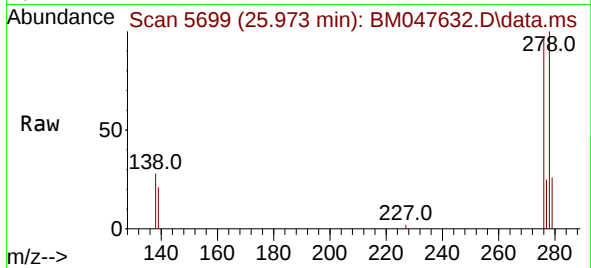




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.973 min Scan# 5699
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Instrument :
BNA_M
ClientSampleId :
H0HI0MS

Tgt Ion: 278 Resp: 23542
Ion Ratio Lower Upper
278 100
139 20.8 16.8 25.2
279 26.2 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 26.668 min Scan# 5906
Delta R.T. 0.000 min
Lab File: BM047632.D
Acq: 25 Sep 2024 19:32

Tgt Ion: 276 Resp: 25086
Ion Ratio Lower Upper
276 100
138 25.1 20.2 30.2
277 25.0 19.8 29.6

