

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035662.D
 Acq On : 24 Jun 2022 14:36
 Operator : CG/JU
 Sample : PB145613BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:05:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

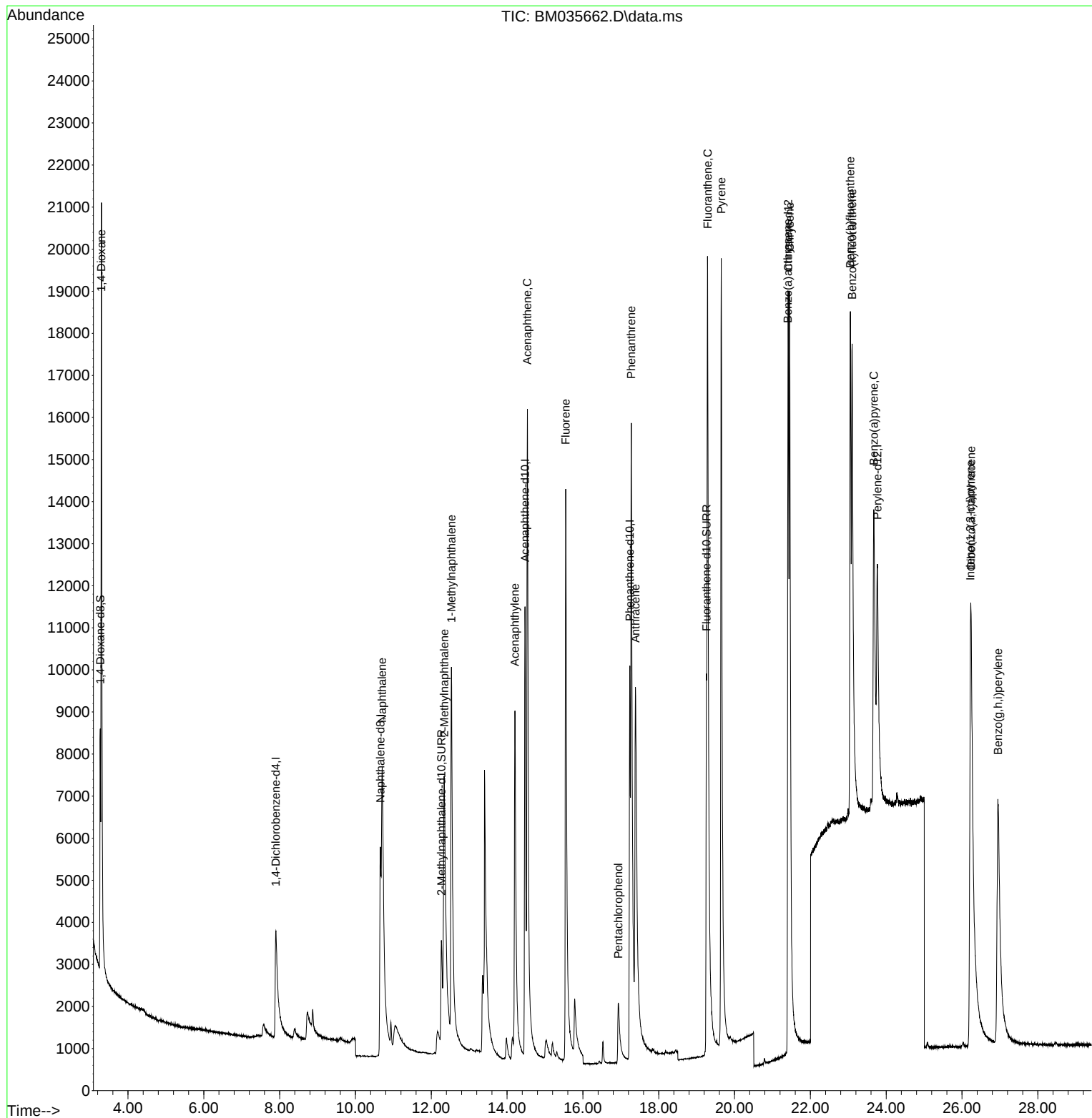
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	3414	0.400	ng/ul	0.04
4) Naphthalene-d8	10.655	136	16303	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.473	164	8372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	17888	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	12631	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	10820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3673	0.765	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	7867	0.325	ng/ul	0.02
18) Fluoranthene-d10	19.257	212	16219	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	11191	2.340	ng/ul#	57
5) Naphthalene	10.704	128	18556	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.343	142	10860	0.344	ng/ul	96
8) 1-Methylnaphthalene	12.530	142	10824	0.374	ng/ul	99
10) Acenaphthylene	14.205	152	18905	0.401	ng/ul	99
11) Acenaphthene	14.533	153	14304	0.410	ng/ul	97
12) Fluorene	15.547	166	16288	0.412	ng/ul	100
14) Pentachlorophenol	16.933	266	2282	0.665	ng/ul	99
15) Phenanthrene	17.275	178	24530	0.374	ng/ul	99
16) Anthracene	17.385	178	20213	0.352	ng/ul	100
19) Fluoranthene	19.289	202	26885	0.416	ng/ul	99
20) Pyrene	19.647	202	30165	0.446	ng/ul	99
21) Benzo(a)anthracene	21.406	228	16532	0.346	ng/ul	100
22) Chrysene	21.453	228	23581	0.415	ng/ul	100
24) Benzo(b)fluoranthene	23.052	252	19823	0.419	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	19472	0.396	ng/ul	97
26) Benzo(a)pyrene	23.674	252	20814	0.424	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.222	276	23887	0.422	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.239	278	19165	0.415	ng/ul	100
29) Benzo(g,h,i)perylene	26.947	276	22268	0.440	ng/ul	99

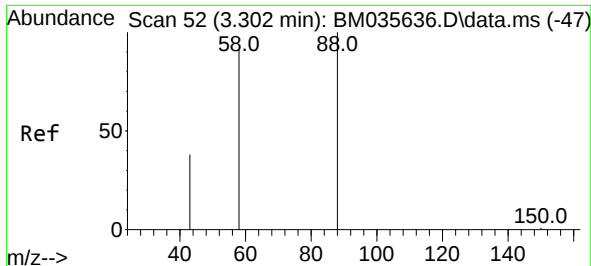
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 04:05:50 2022
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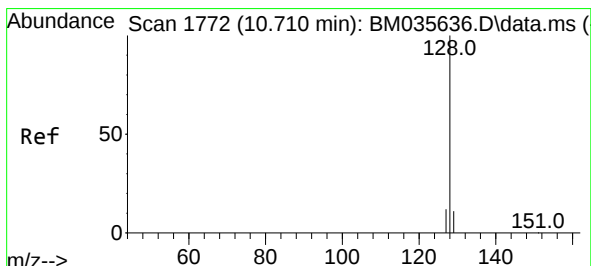
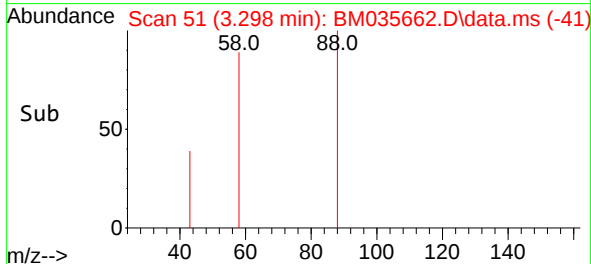
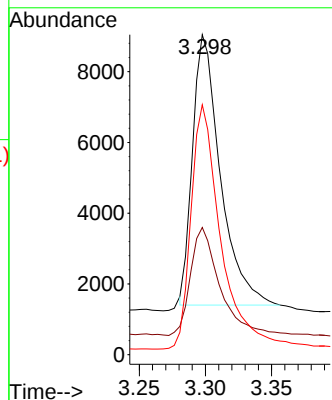
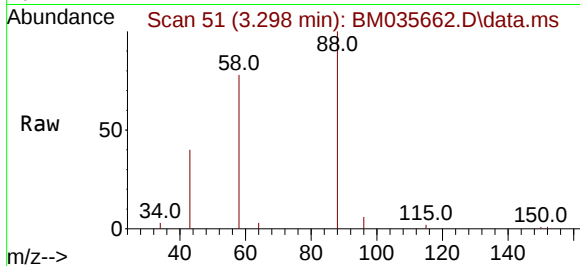




#2
1,4-Dioxane
Concen: 2.340 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

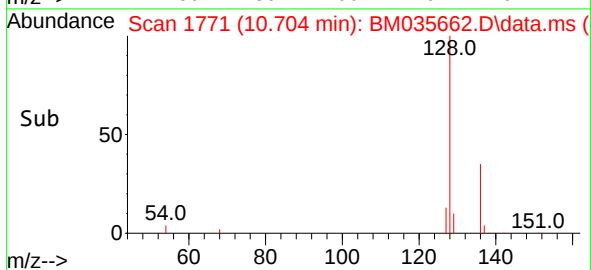
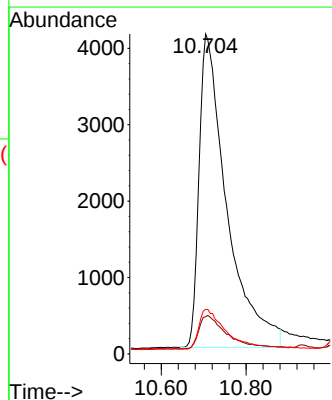
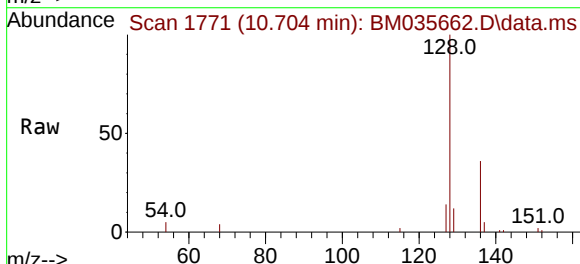
Instrument :
BNA_M
ClientSampleId :

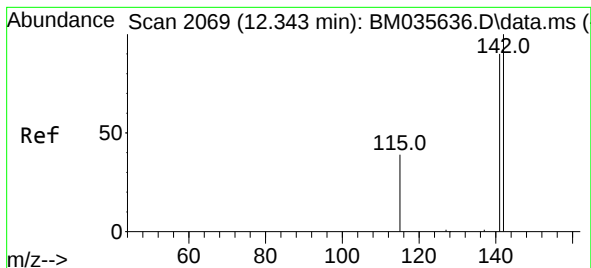
Tgt Ion: 88 Resp: 11191
Ion Ratio Lower Upper
88 100
43 39.7 70.4 105.6#
58 78.1 45.6 68.4#



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.704 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion: 128 Resp: 18556
Ion Ratio Lower Upper
128 100
129 11.6 10.1 15.1
127 13.9 11.4 17.2

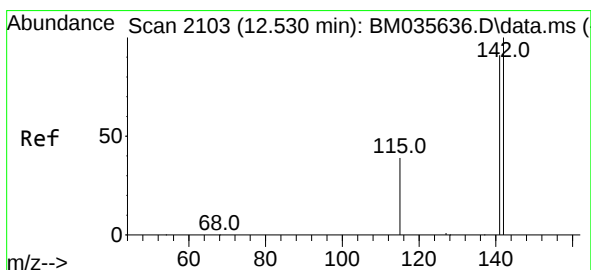
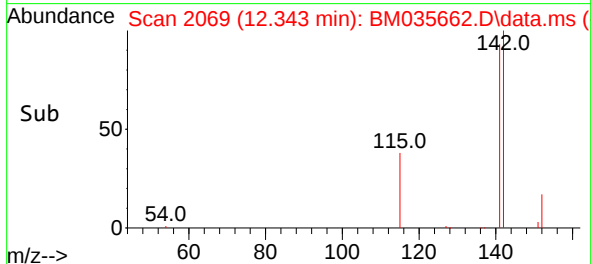
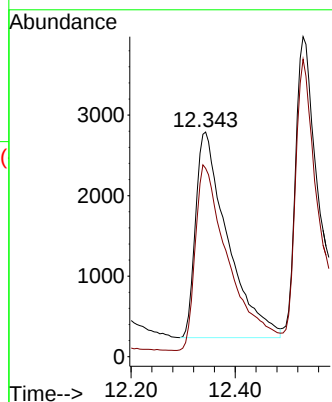
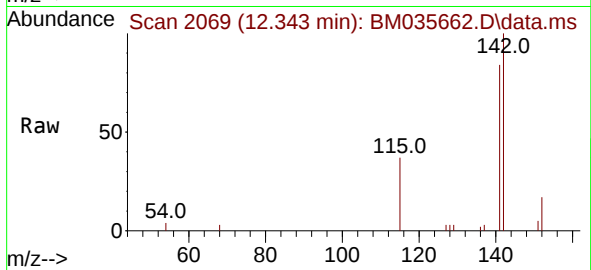




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.343 min Scan# 2069
Delta R.T. 0.022 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

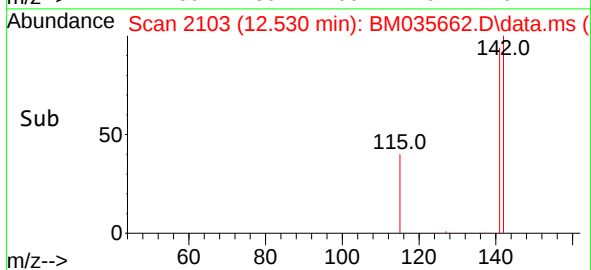
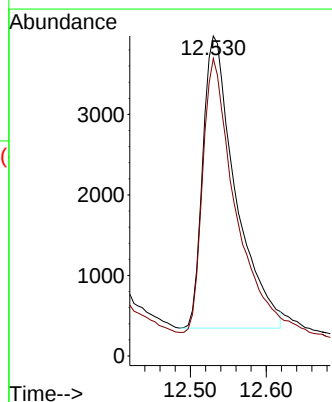
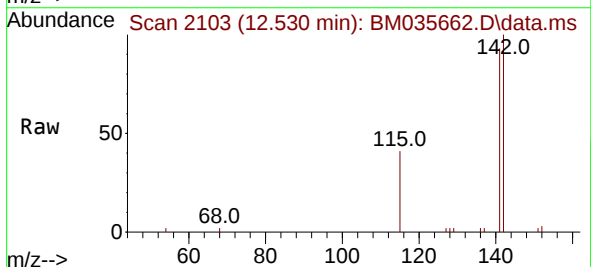
Instrument :
BNA_M
ClientSampleId :

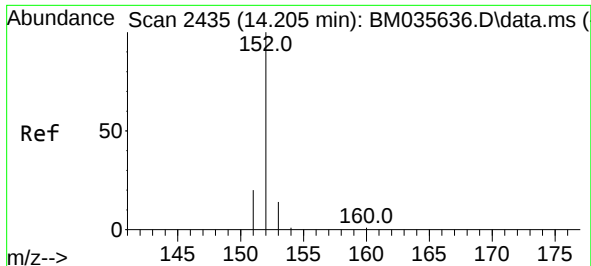
Tgt Ion:142 Resp: 10860
Ion Ratio Lower Upper
142 100
141 96.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.005 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:142 Resp: 10824
Ion Ratio Lower Upper
142 100
141 92.4 74.6 111.8

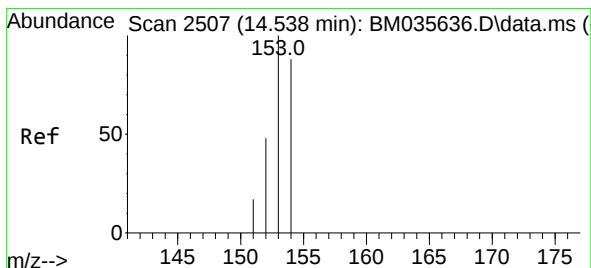
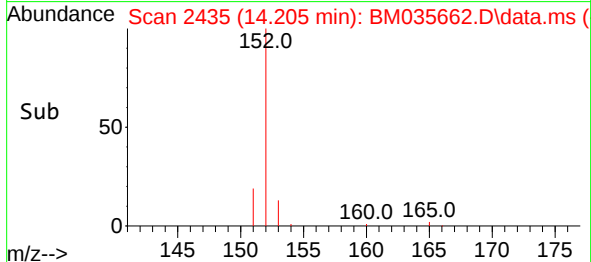
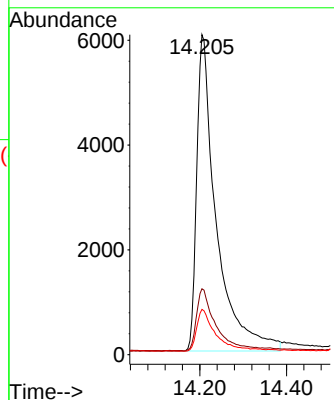
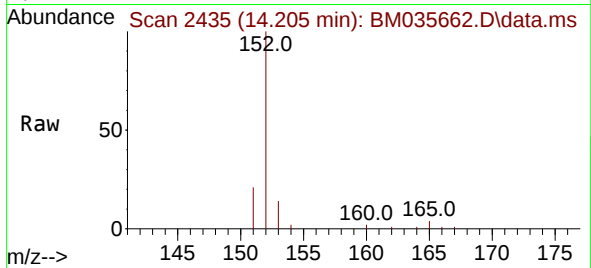




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.205 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

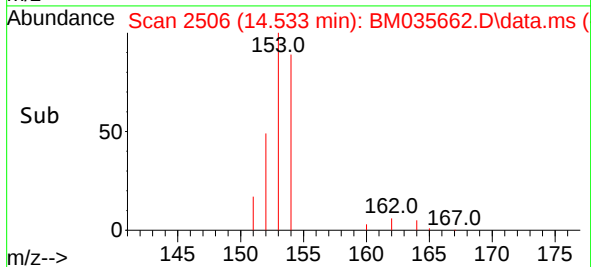
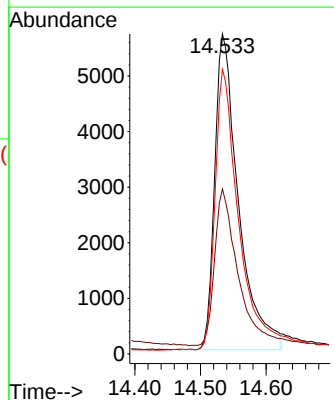
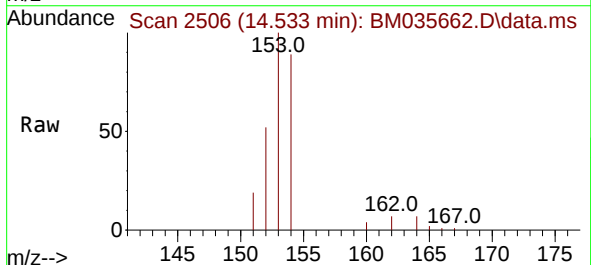
Instrument :
BNA_M
ClientSampleId :

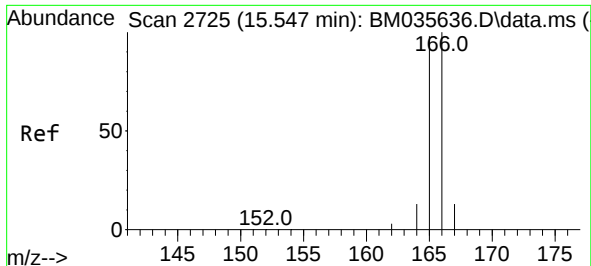
Tgt Ion:152	Resp:	18905
Ion Ratio	Lower	Upper
152	100	
151	20.6	16.8 25.2
153	14.1	11.1 16.7



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

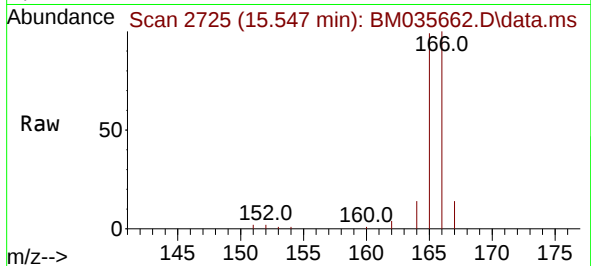
Tgt Ion:153	Resp:	14304
Ion Ratio	Lower	Upper
153	100	
152	51.6	40.0 60.0
154	89.0	69.1 103.7



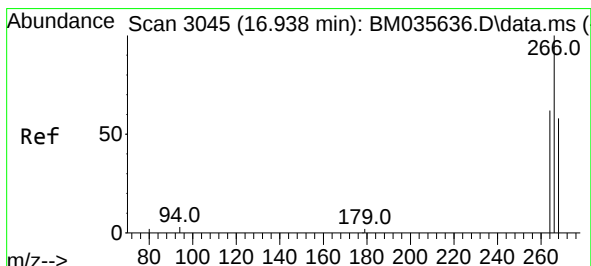
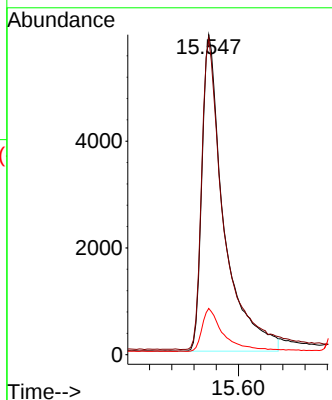
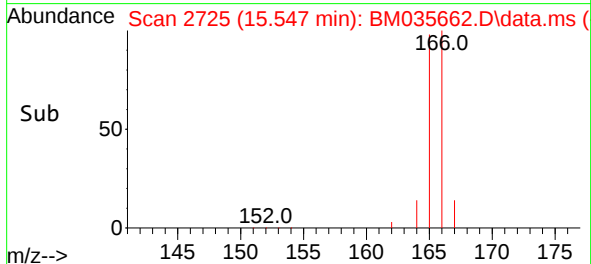


#12
Fluorene
Concen: 0.412 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

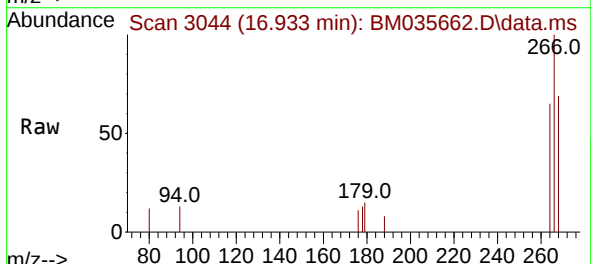
Instrument :
BNA_M
ClientSampleId :



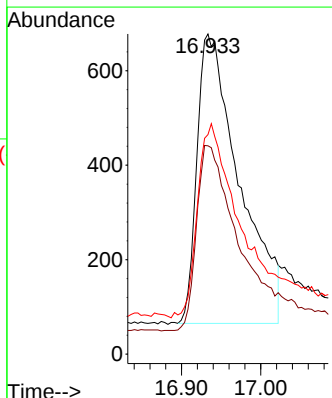
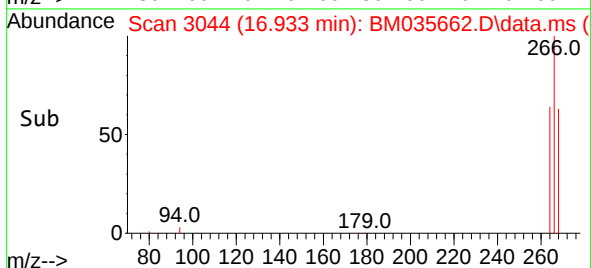
Tgt Ion:166 Resp: 16288
Ion Ratio Lower Upper
166 100
165 98.9 78.7 118.1
167 14.5 11.6 17.4

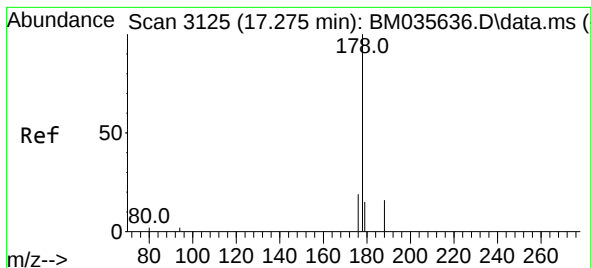


#14
Pentachlorophenol
Concen: 0.665 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. 0.003 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36



Tgt Ion:266 Resp: 2282
Ion Ratio Lower Upper
266 100
264 61.8 51.0 76.4
268 64.2 51.7 77.5





#15

Phenanthrene

Concen: 0.374 ng/u1

RT: 17.275 min Scan# 3125

Delta R.T. 0.003 min

Lab File: BM035662.D

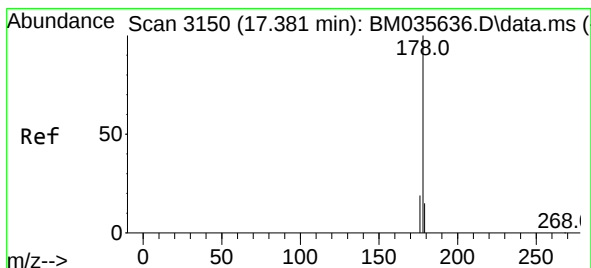
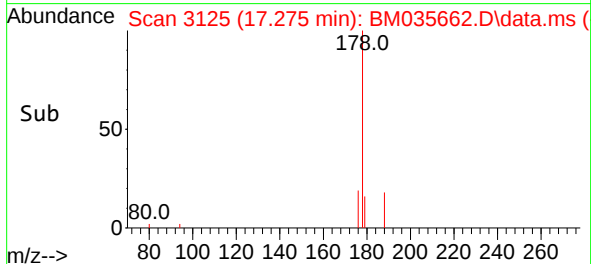
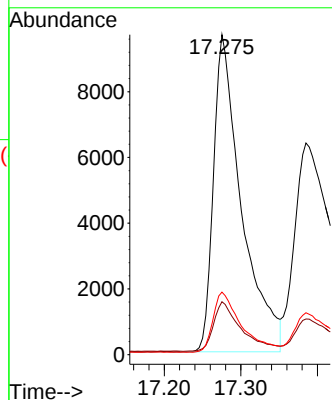
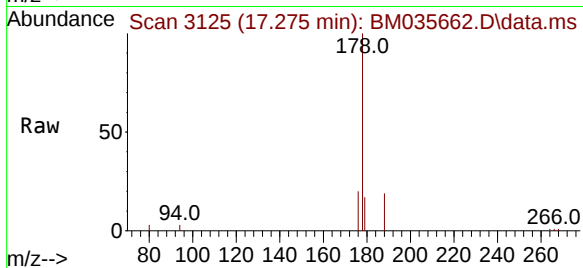
Acq: 24 Jun 2022 14:36

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178	Resp:	24530
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.2 19.8
176	19.6	16.2 24.4



#16

Anthracene

Concen: 0.352 ng/u1

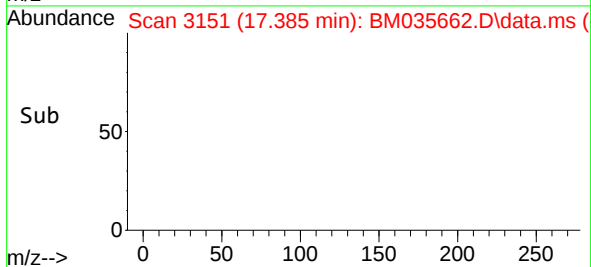
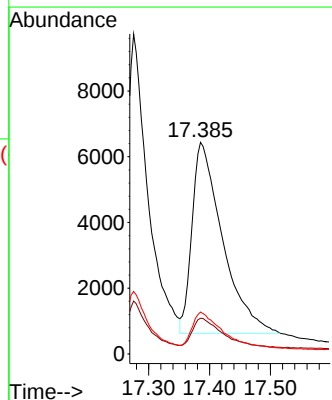
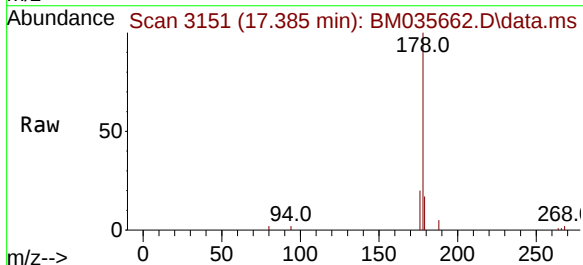
RT: 17.385 min Scan# 3151

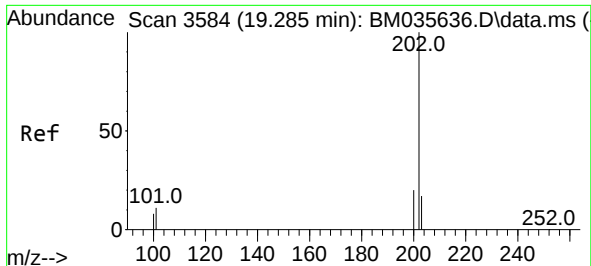
Delta R.T. 0.012 min

Lab File: BM035662.D

Acq: 24 Jun 2022 14:36

Tgt Ion:178	Resp:	20213
Ion Ratio	Lower	Upper
178	100	
179	16.9	13.4 20.0
176	19.8	15.9 23.9

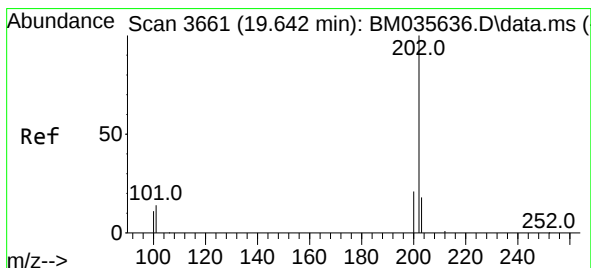
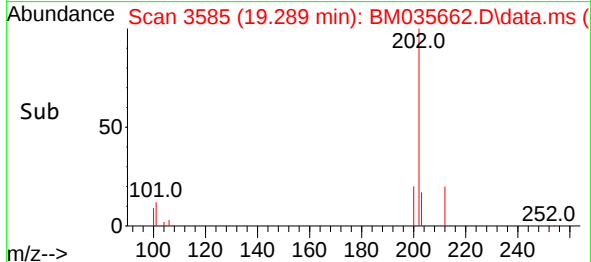
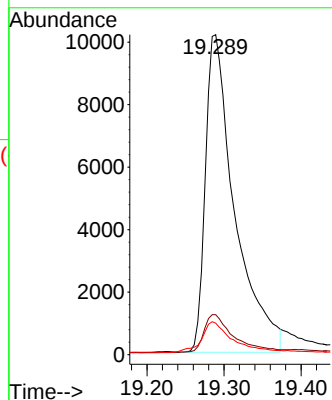
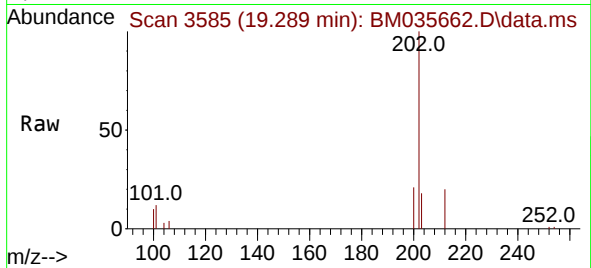




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.289 min Scan# 3584
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

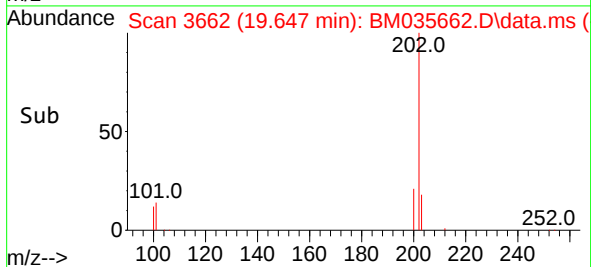
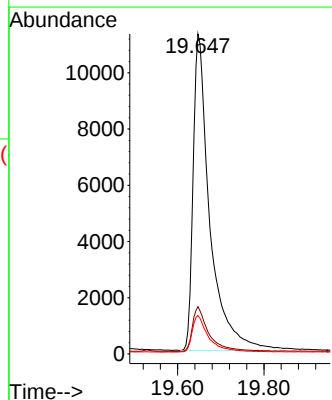
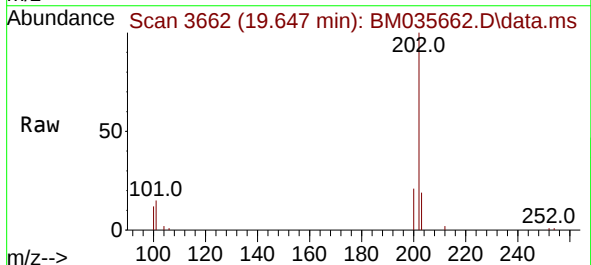
Instrument :
BNA_M
ClientSampleId :

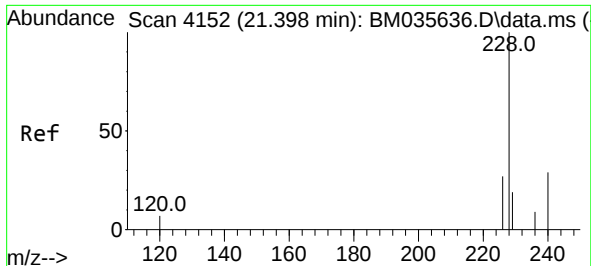
Tgt Ion:202 Resp: 26885
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.9 7.5 11.3



#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:202 Resp: 30165
Ion Ratio Lower Upper
202 100
101 14.8 11.6 17.4
100 12.0 9.3 13.9

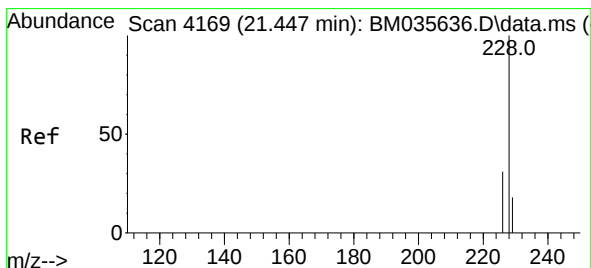
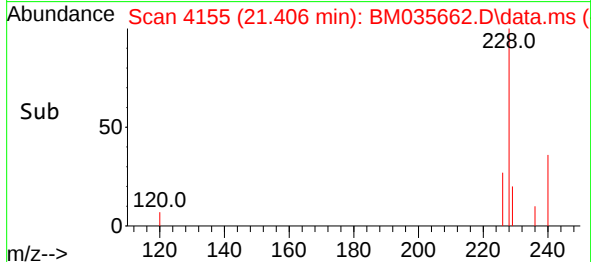
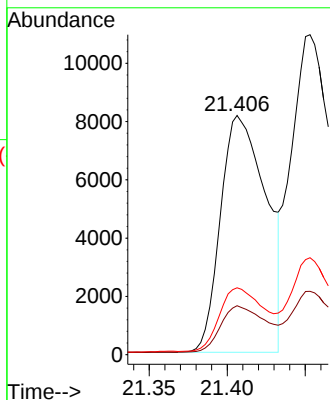
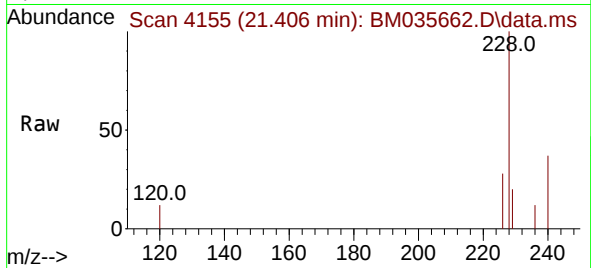




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.406 min Scan# 411
Delta R.T. 0.007 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

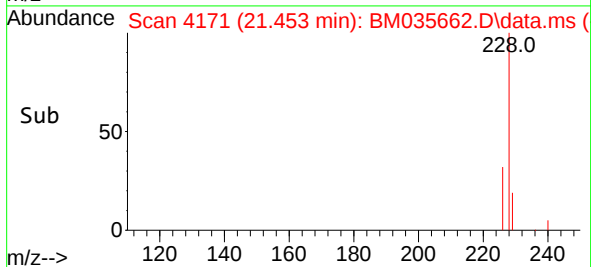
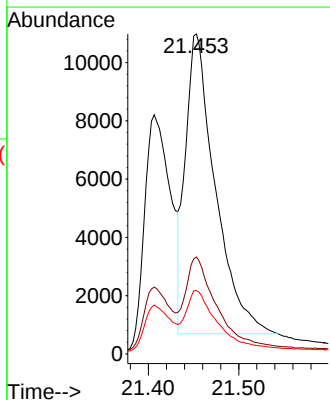
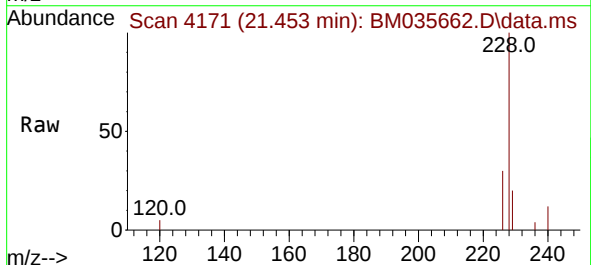
Instrument :
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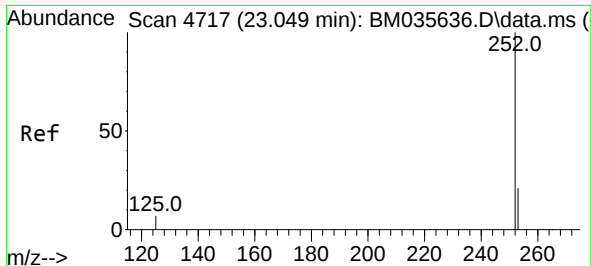
Tgt Ion:228 Resp: 16532
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:228 Resp: 23581
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.8 15.8 23.8

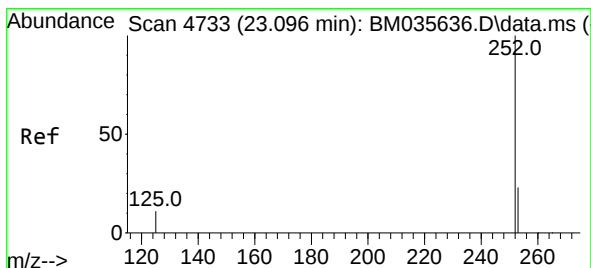
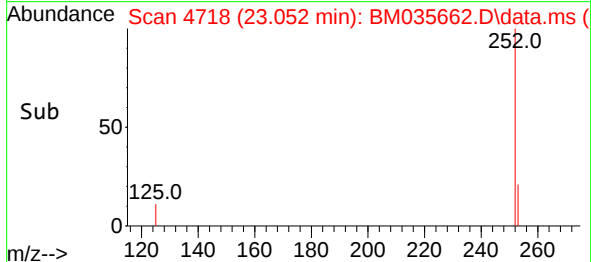
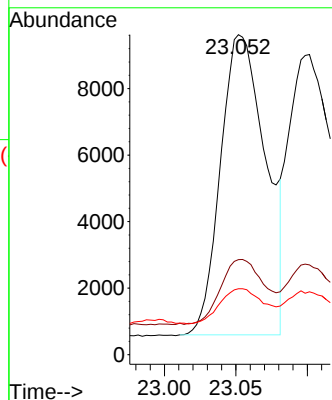
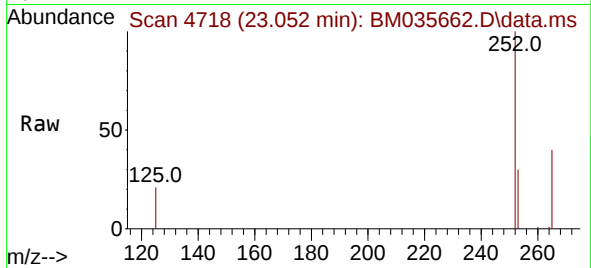




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 23.052 min Scan# 4718
Delta R.T. 0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

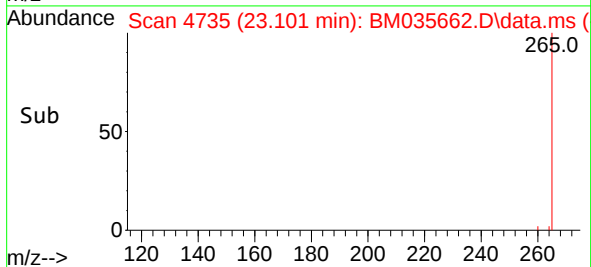
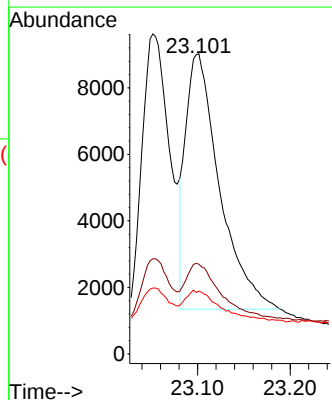
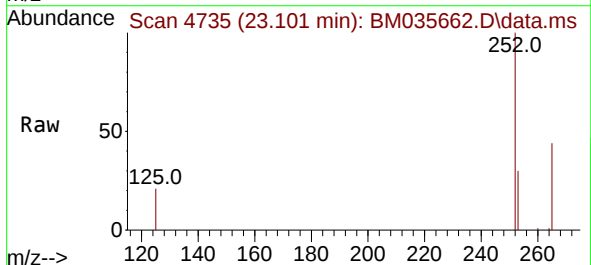
Instrument :
BNA_M
ClientSampleId :

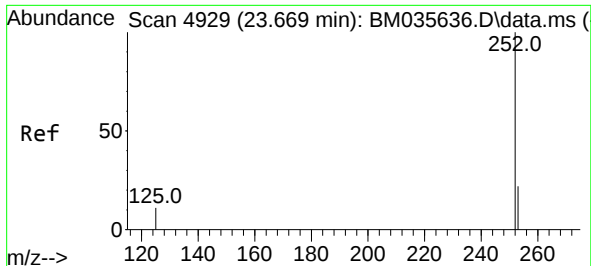
Tgt Ion:252 Resp: 19823
Ion Ratio Lower Upper
252 100
253 29.7 0.0 60.6
125 20.6 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:252 Resp: 19472
Ion Ratio Lower Upper
252 100
253 29.9 24.7 37.1
125 20.9 18.2 27.4

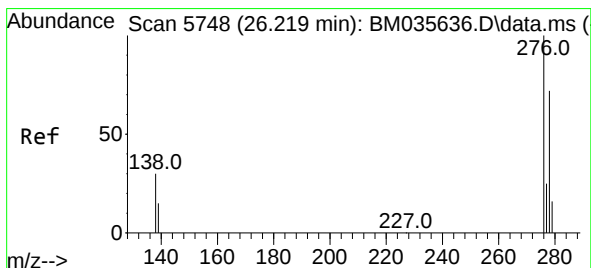
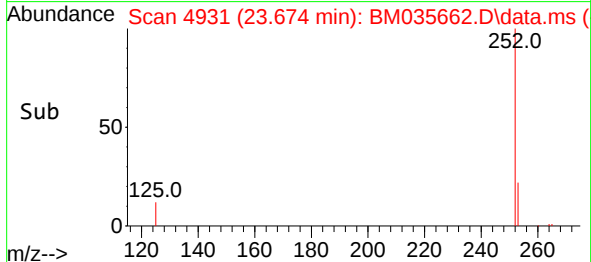
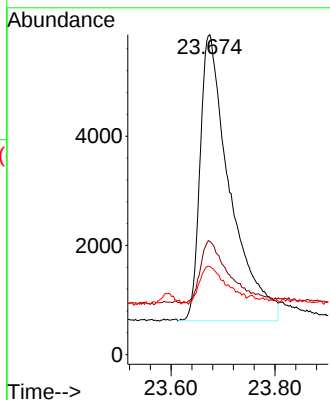
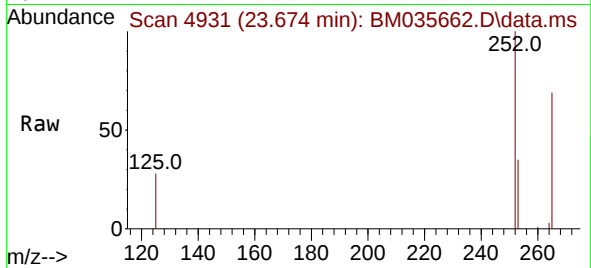




#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.674 min Scan# 4931
Delta R.T. 0.007 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

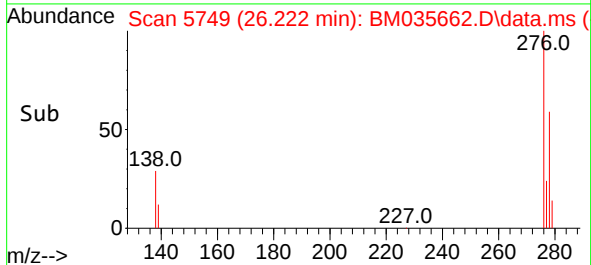
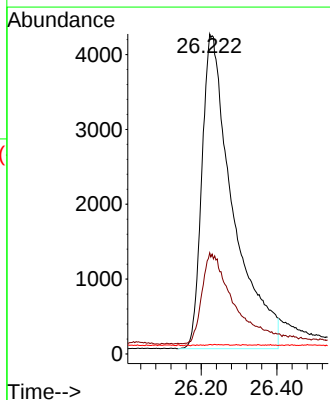
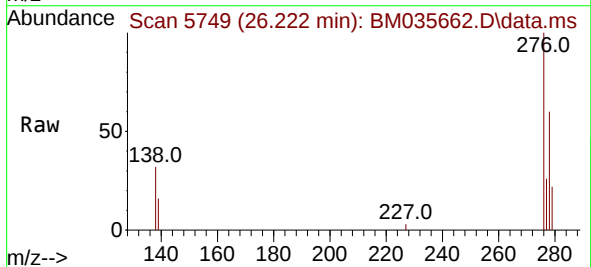
Instrument :
BNA_M
ClientSampleId :

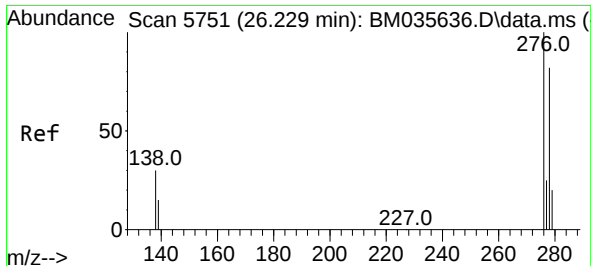
Tgt Ion:252	Resp:	20814
Ion Ratio	Lower	Upper
252	100	
253	35.4	27.8 41.6
125	27.5	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.222 min Scan# 5749
Delta R.T. 0.011 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:276	Resp:	23887
Ion Ratio	Lower	Upper
276	100	
138	29.6	24.8 37.2
227	0.0	0.1 0.1#

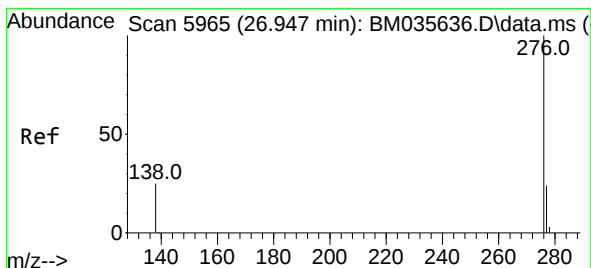
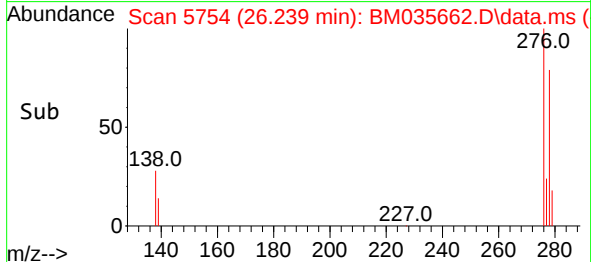
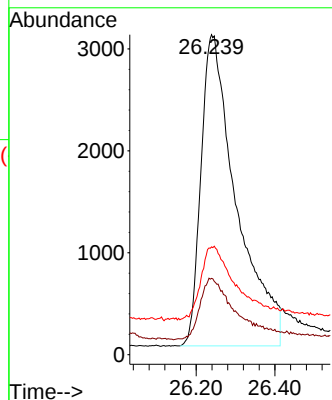
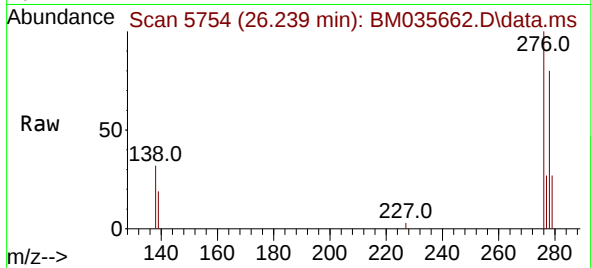




#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.239 min Scan# 51
Delta R.T. 0.018 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19165
Ion Ratio Lower Upper
278 100
139 23.9 19.1 28.7
279 33.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 26.947 min Scan# 5965
Delta R.T. 0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:276 Resp: 22268
Ion Ratio Lower Upper
276 100
138 28.3 23.1 34.7
277 25.9 20.3 30.5

