

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041591.D
 Acq On : 30 Aug 2023 23:07
 Operator : MA/JU
 Sample : 04134-04DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCHJ7DL

Quant Time: Aug 31 02:19:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

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

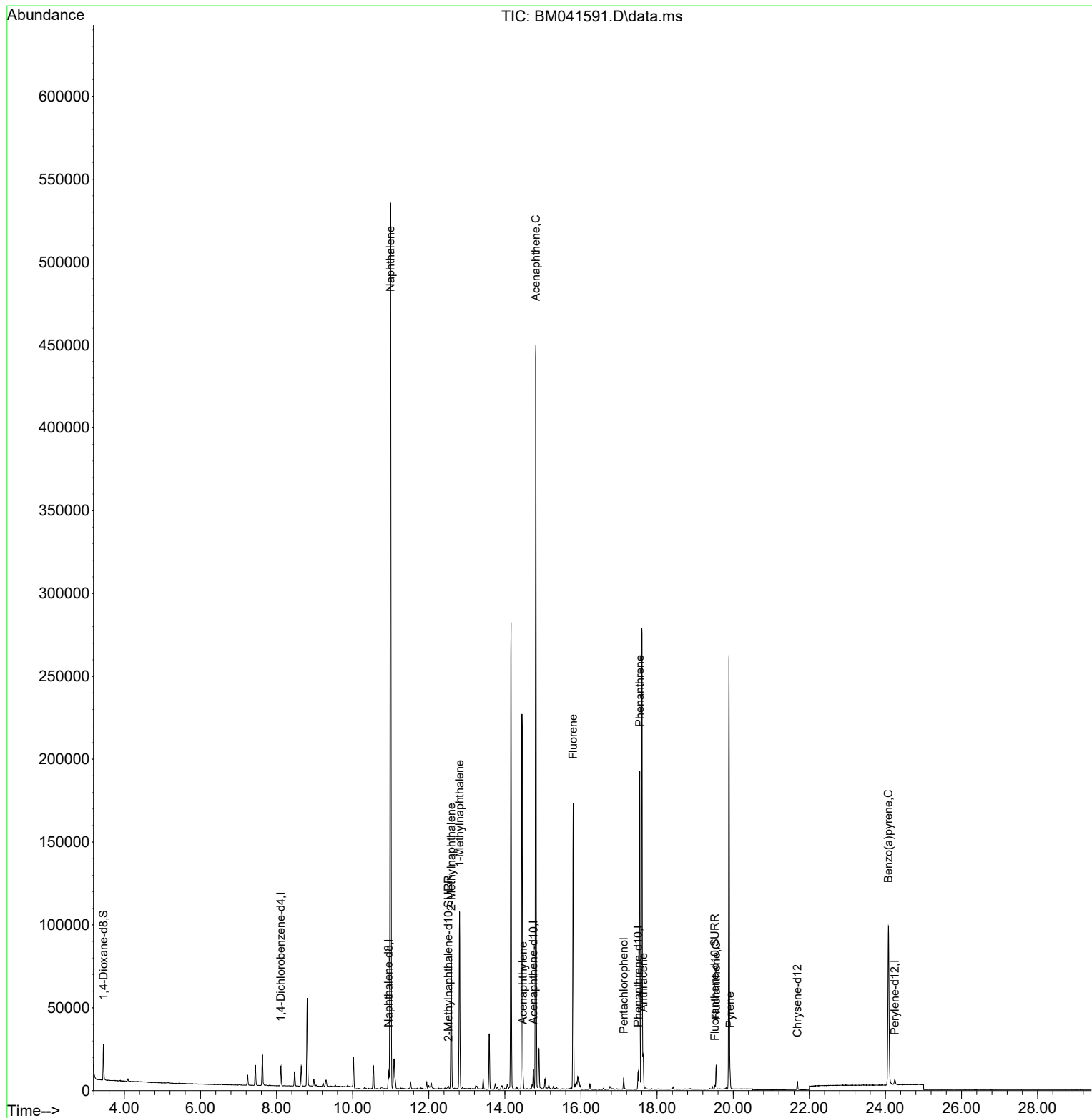
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	5846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	13231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	5918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	10999	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	3598	0.400	ng/ul	0.00
23) Perylene-d12	24.246	264	4209	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	11926	1.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1467	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	1869	0.105	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.993	128	719565	17.010	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	54800	2.284	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	69028	2.847	ng/ul	99
10) Acenaphthylene	14.476	152	7505	0.182	ng/ul#	94
11) Acenaphthene	14.814	153	246648	8.668	ng/ul	99
12) Fluorene	15.795	166	104328	3.369	ng/ul	98
14) Pentachlorophenol	17.122	266	4436	1.049	ng/ul	98
15) Phenanthrene	17.544	178	191178	3.981	ng/ul	99
16) Anthracene	17.637	178	18977	0.455	ng/ul	99
19) Fluoranthene	19.552	202	11561	0.245	ng/ul	99
20) Pyrene	19.919	202	7689	0.162	ng/ul	95
26) Benzo(a)pyrene	24.082	252	1250	0.036	ng/ul#	1

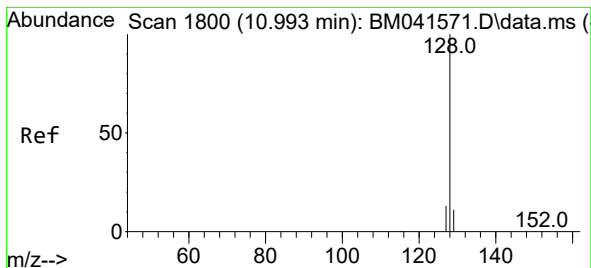
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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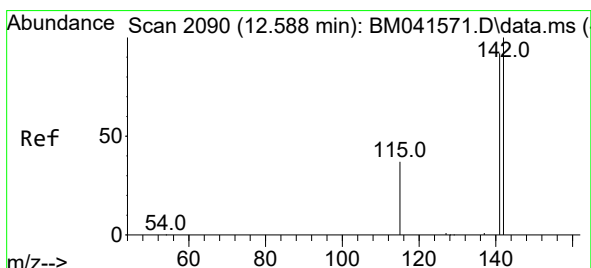
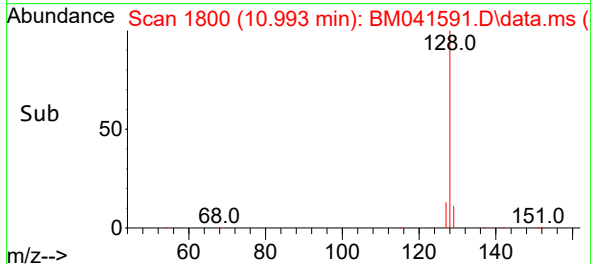
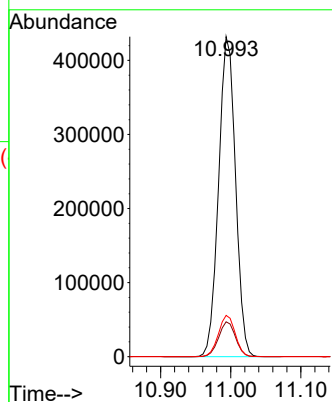
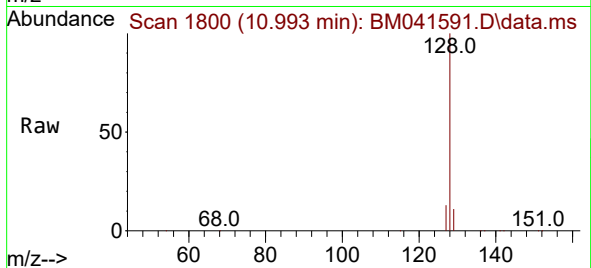




#5
Naphthalene
Concen: 17.010 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

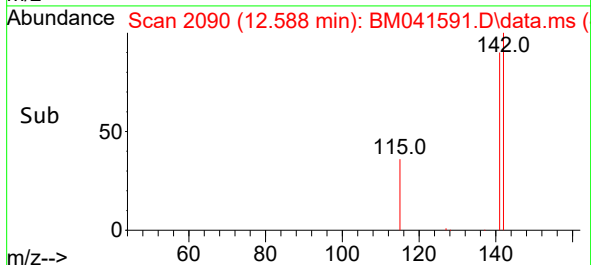
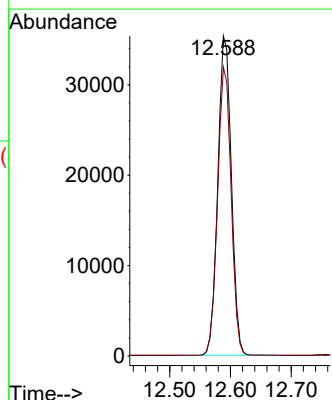
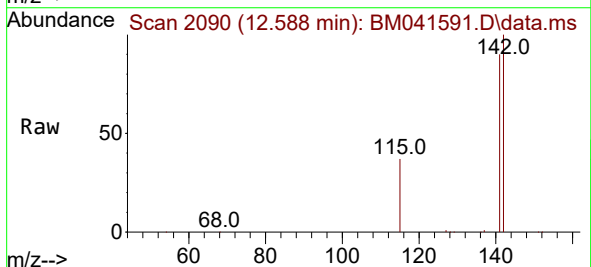
Instrument :
BNA_M
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DCHJ7DL

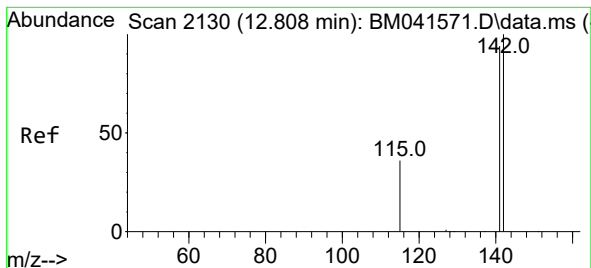
Tgt Ion:128 Resp: 719565
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.6 15.8



#7
2-Methylnaphthalene
Concen: 2.284 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

Tgt Ion:142 Resp: 54800
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8





#8

1-Methylnaphthalene

Concen: 2.847 ng/ul

RT: 12.808 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BM041591.D

Acq: 30 Aug 2023 23:07

Instrument :

BNA_M

ClientSampleId :

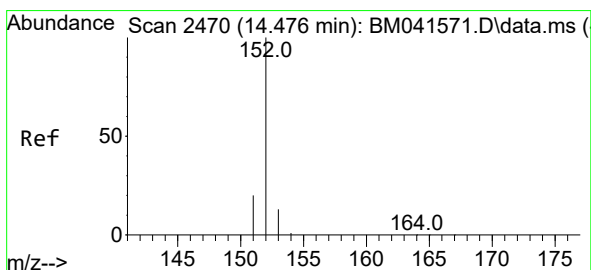
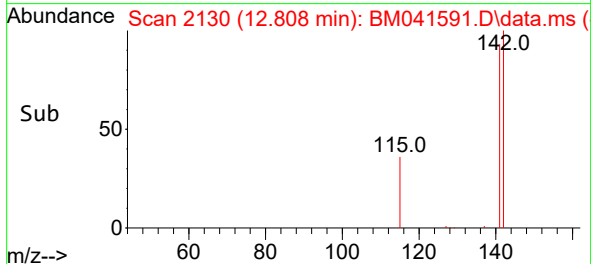
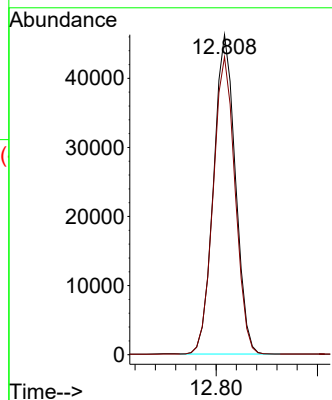
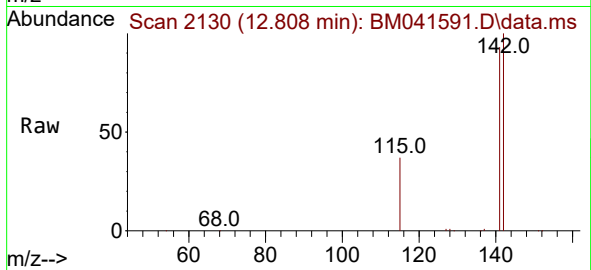
DCHJ7DL

Tgt Ion:142 Resp: 69028

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.2



#10

Acenaphthylene

Concen: 0.182 ng/ul

RT: 14.476 min Scan# 2470

Delta R.T. -0.005 min

Lab File: BM041591.D

Acq: 30 Aug 2023 23:07

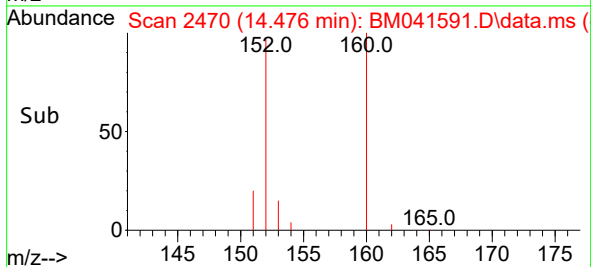
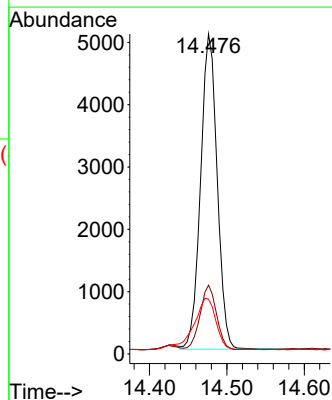
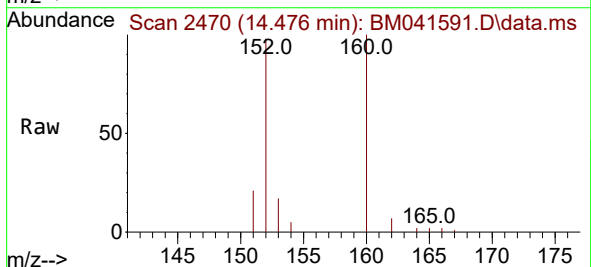
Tgt Ion:152 Resp: 7505

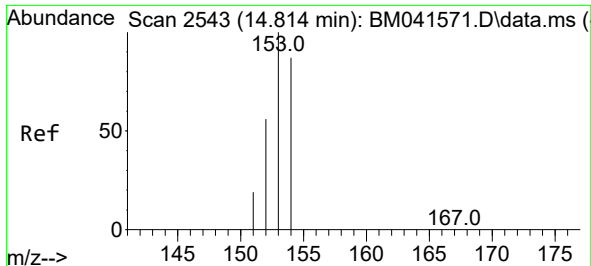
Ion Ratio Lower Upper

152 100

151 21.5 15.9 23.9

153 17.2 10.6 15.8#

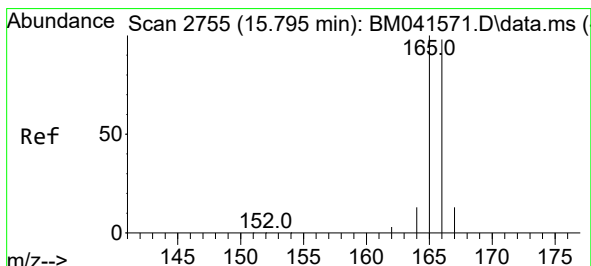
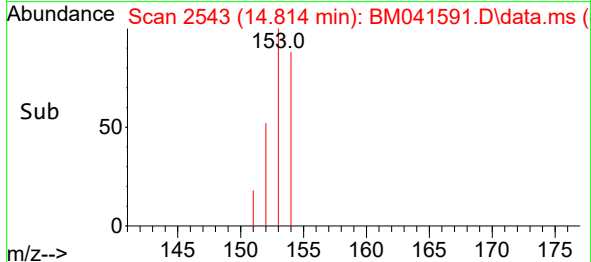
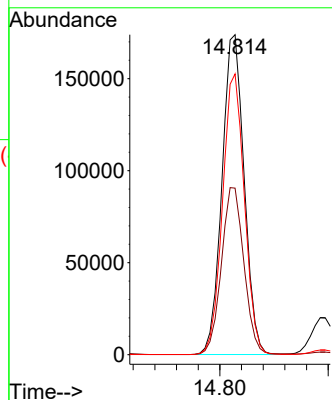
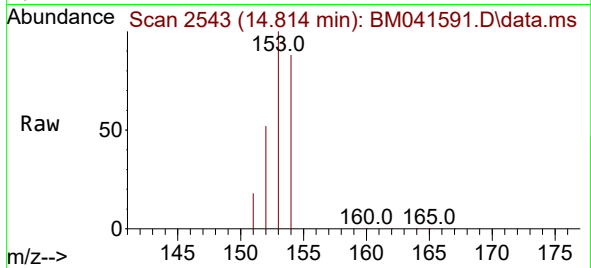




#11
Acenaphthene
Concen: 8.668 ng/ul
RT: 14.814 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

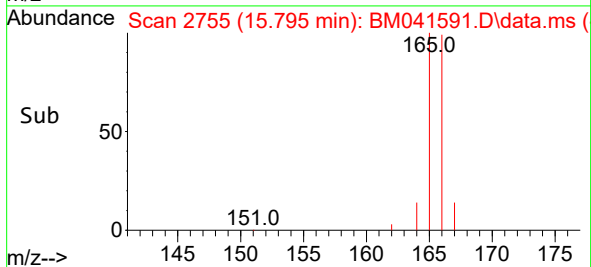
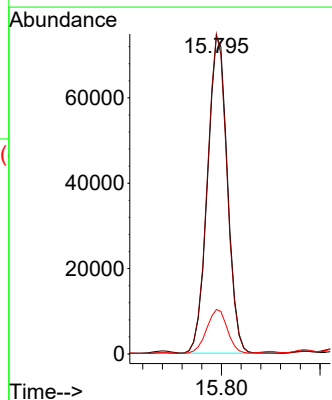
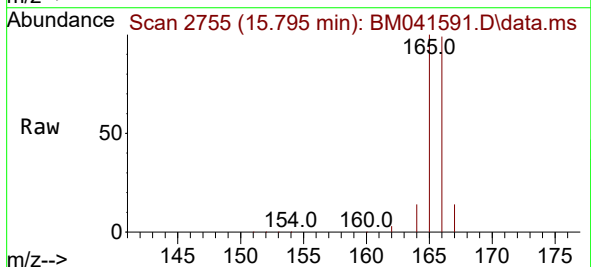
Instrument :
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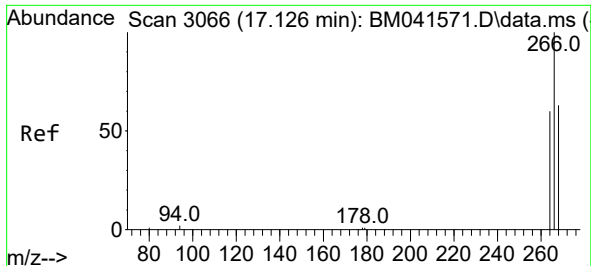
Tgt Ion:153 Resp: 246648
Ion Ratio Lower Upper
153 100
152 52.0 43.4 65.2
154 87.7 70.2 105.2



#12
Fluorene
Concen: 3.369 ng/ul
RT: 15.795 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

Tgt Ion:166 Resp: 104328
Ion Ratio Lower Upper
166 100
165 100.9 82.2 123.2
167 14.0 11.5 17.3

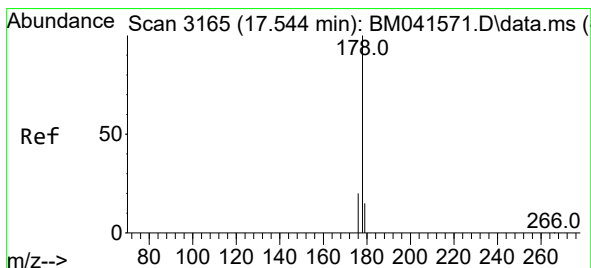
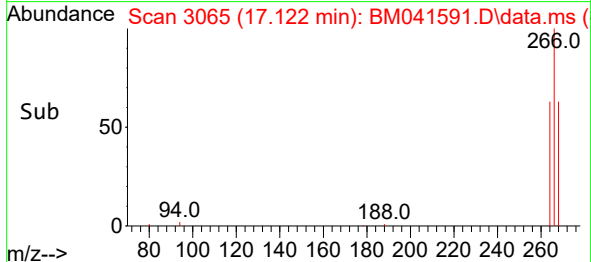
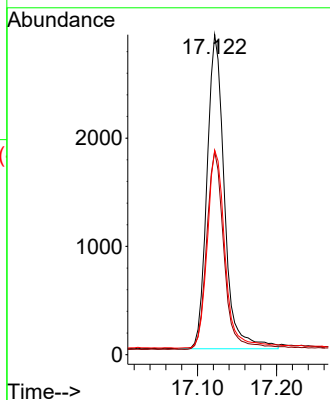
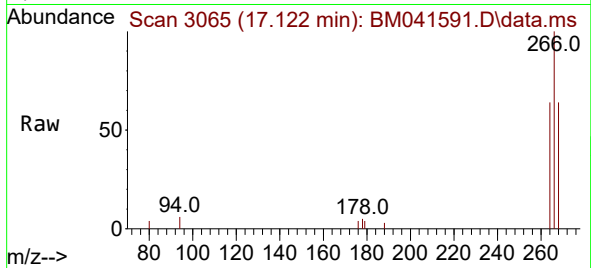




#14
Pentachlorophenol
Concen: 1.049 ng/ul
RT: 17.122 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

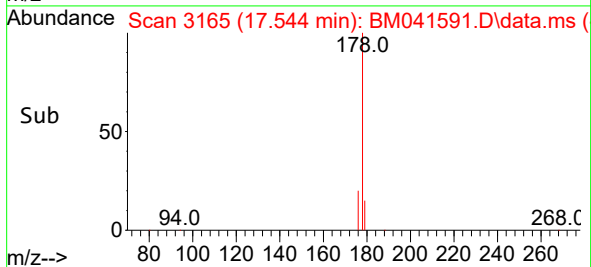
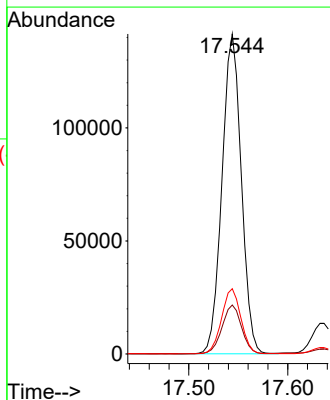
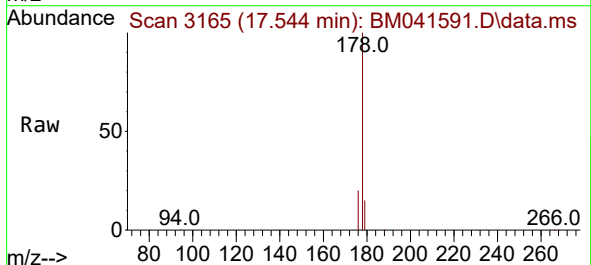
Instrument :
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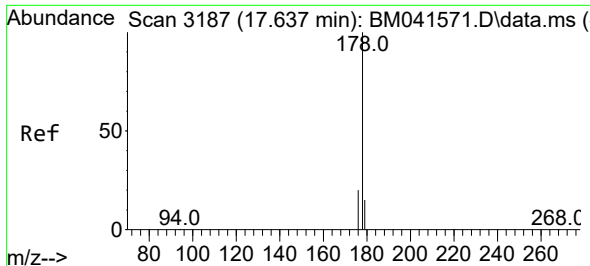
Tgt Ion:266 Resp: 4436
Ion Ratio Lower Upper
266 100
264 62.8 49.3 73.9
268 64.3 50.2 75.4



#15
Phenanthrene
Concen: 3.981 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

Tgt Ion:178 Resp: 191178
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 20.4 16.2 24.4

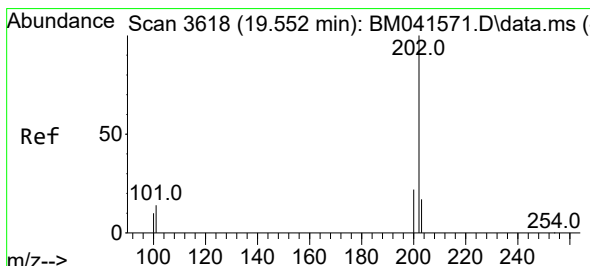
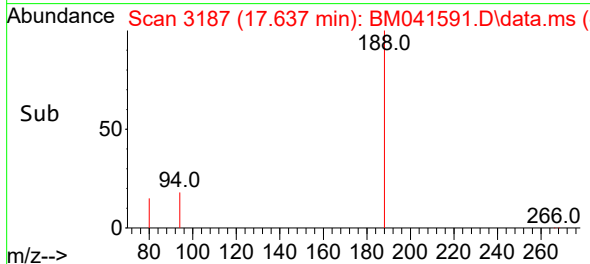
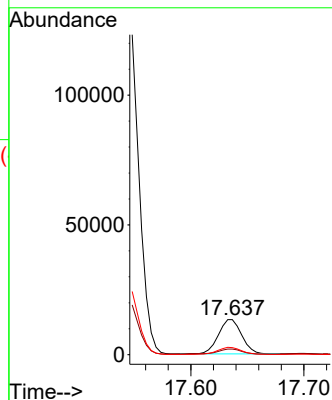
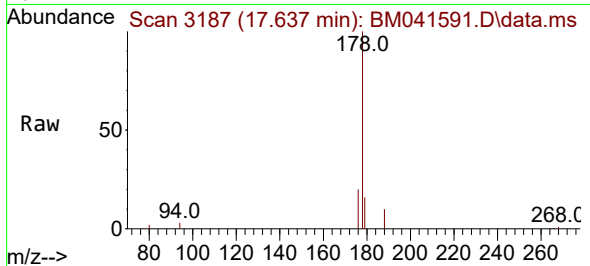




#16
 Anthracene
 Concen: 0.455 ng/ul
 RT: 17.637 min Scan# 3187
 Delta R.T. -0.004 min
 Lab File: BM041591.D
 Acq: 30 Aug 2023 23:07

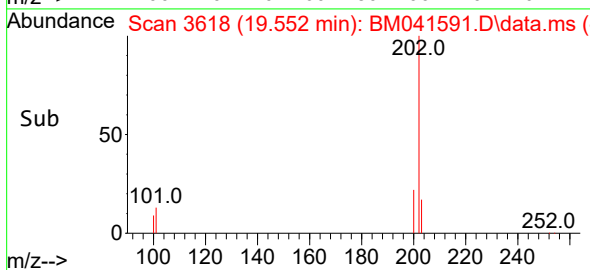
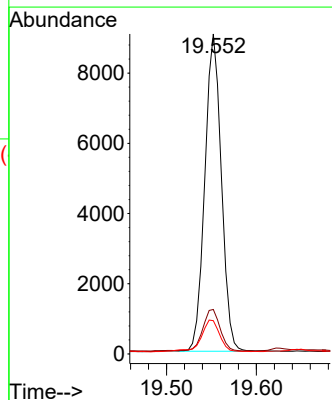
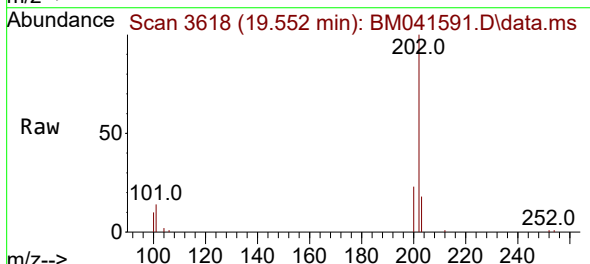
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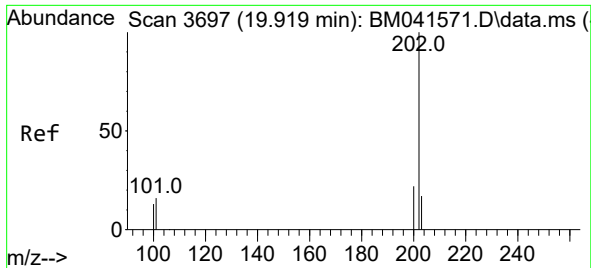
Tgt Ion:178 Resp: 18977
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.9 19.3
 176 20.3 15.6 23.4



#19
 Fluoranthene
 Concen: 0.245 ng/ul
 RT: 19.552 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BM041591.D
 Acq: 30 Aug 2023 23:07

Tgt Ion:202 Resp: 11561
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.7 16.1
 100 10.4 8.1 12.1

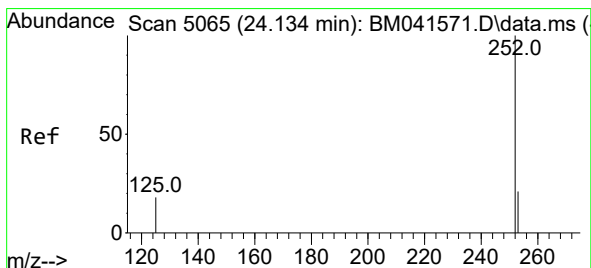
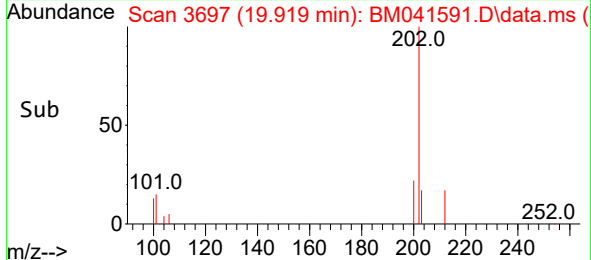
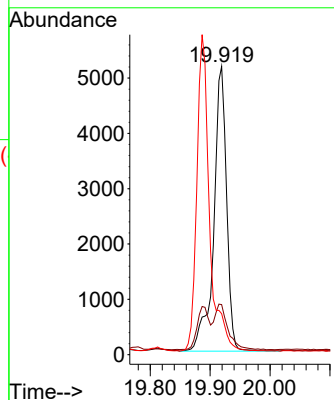
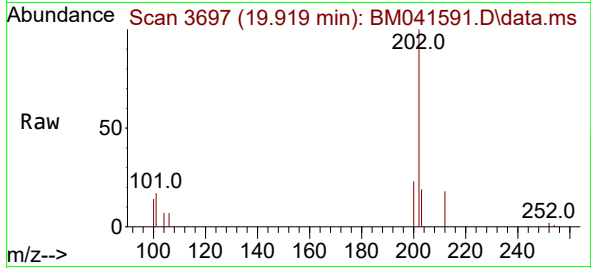




#20
Pyrene
Concen: 0.162 ng/ul
RT: 19.919 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

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Tgt Ion:	202	Resp:	7689
Ion	Ratio	Lower	Upper
202	100		
101	17.3	12.2	18.4
100	14.2	9.8	14.8



#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 24.082 min Scan# 5047
Delta R.T. -0.055 min
Lab File: BM041591.D
Acq: 30 Aug 2023 23:07

Tgt Ion:	252	Resp:	1250
Ion	Ratio	Lower	Upper
252	100		
253	60.2	20.9	31.3#
125	97.5	21.1	31.7#

