

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041631.D
 Acq On : 01 Sep 2023 00:51
 Operator : MA/JU
 Sample : 04148-09
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ94

Quant Time: Sep 01 02:10:54 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)

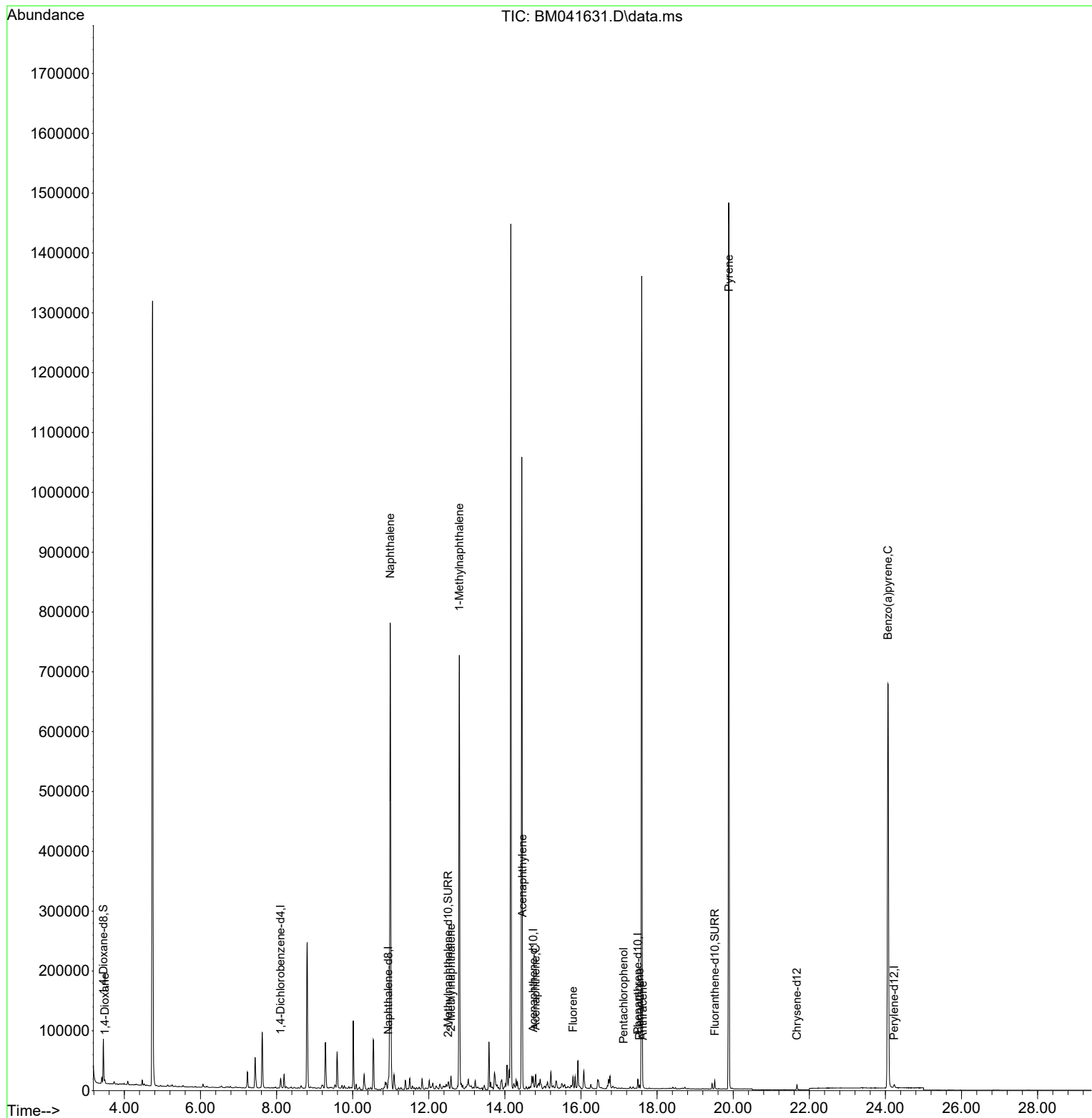
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	7224	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.939	136	16806	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.745	164	8423	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.493	188	16381	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.676	240	6311	0.400	ng/ul	-0.01
23) Perylene-d12	24.231	264	7819	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	41167	3.861	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	6722	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	11498	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	2878	0.253	ng/ul#	87
5) Naphthalene	10.988	128	1063345	19.790	ng/ul	99
7) 2-Methylnaphthalene	12.583	142	14119	0.463	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	456631	14.826	ng/ul	99
10) Acenaphthylene	14.463	152	7534	0.128	ng/ul#	10
11) Acenaphthene	14.810	153	13140	0.324	ng/ul	94
12) Fluorene	15.790	166	11555	0.262	ng/ul	98
14) Pentachlorophenol	17.118	266	127	0.020	ng/ul#	82
15) Phenanthrene	17.540	178	6159	0.086	ng/ul#	81
16) Anthracene	17.628	178	1692	0.027	ng/ul#	27
20) Pyrene	19.887	202	4027	0.048	ng/ul#	1
26) Benzo(a)pyrene	24.067	252	7153	0.111	ng/ul#	61

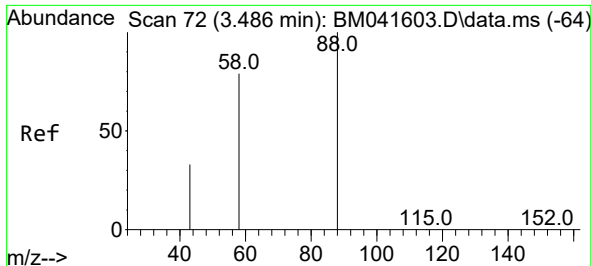
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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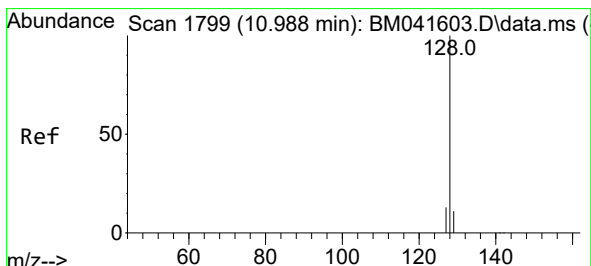
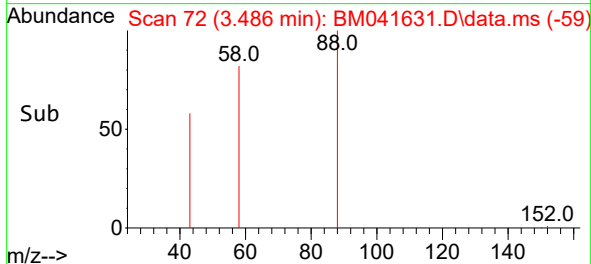
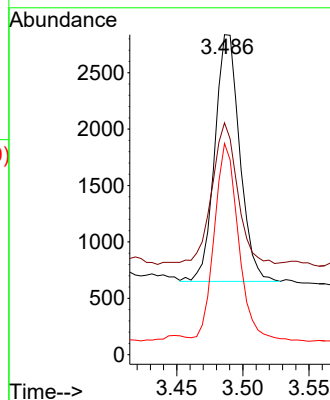
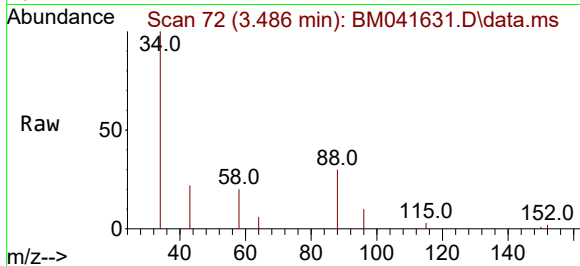




#2
1,4-Dioxane
Concen: 0.253 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

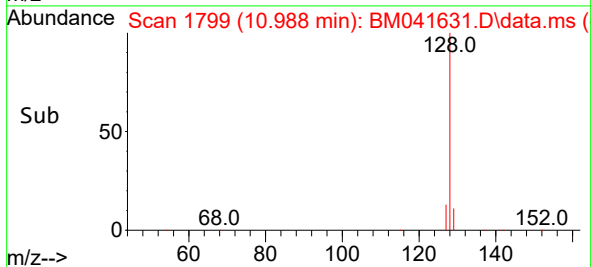
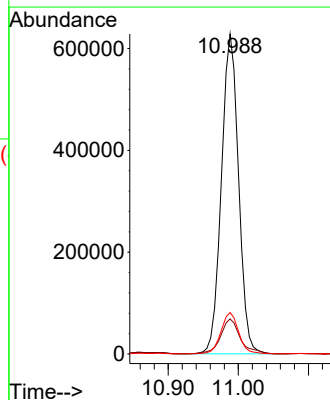
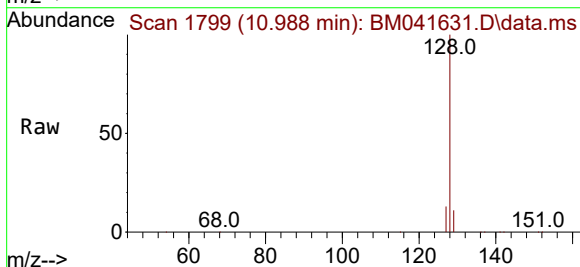
Instrument :
BNA_M
ClientSampleId :
BBJ94

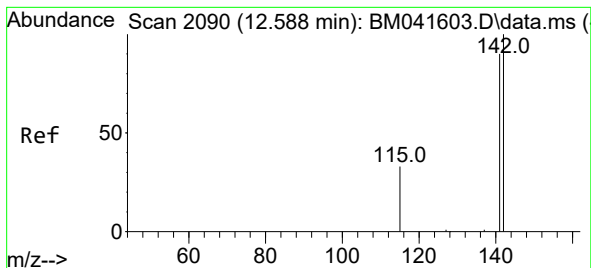
Tgt Ion: 88 Resp: 2878
Ion Ratio Lower Upper
88 100
43 72.4 46.2 69.2#
58 66.0 58.1 87.1



#5
Naphthalene
Concen: 19.790 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

Tgt Ion:128 Resp: 1063345
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.0 10.6 15.8

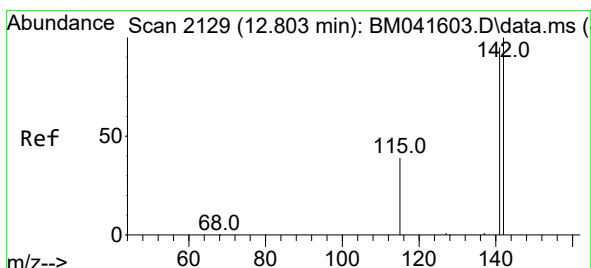
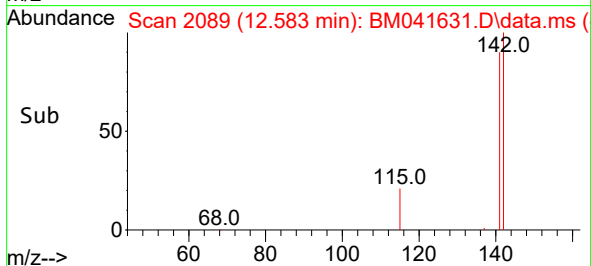
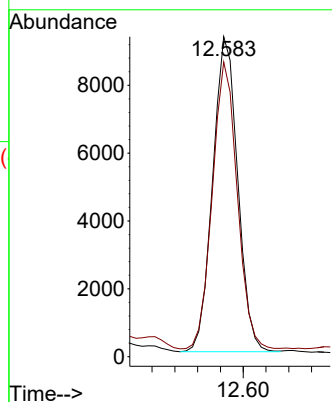
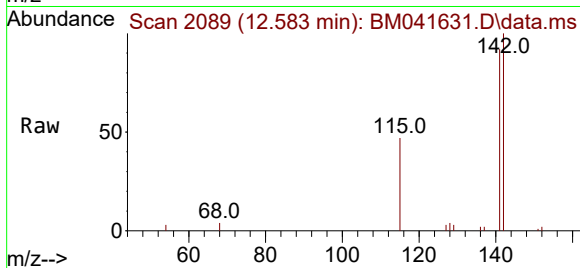




#7
2-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.583 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

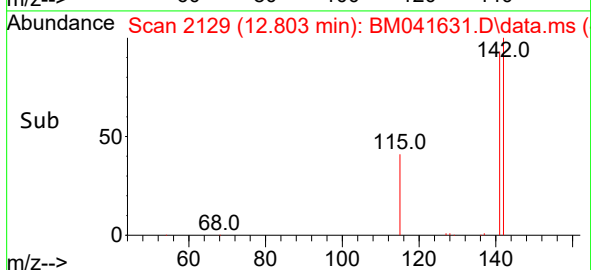
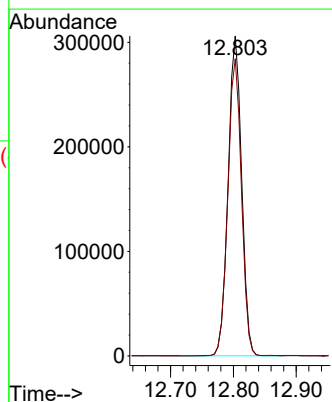
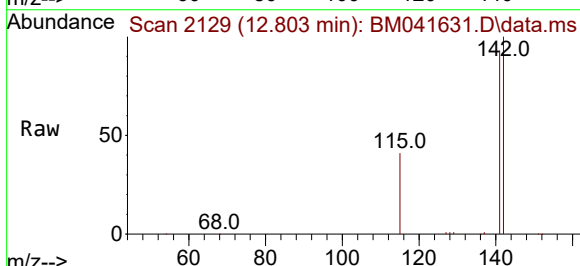
Instrument :
BNA_M
ClientSampleId :
BBJ94

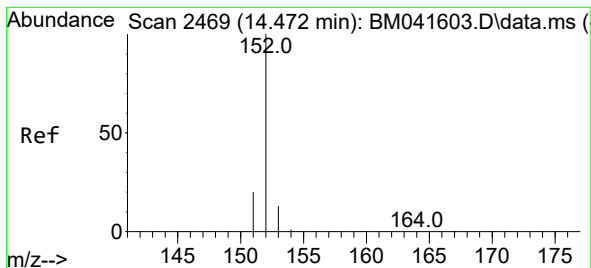
Tgt Ion:142 Resp: 14119
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.8



#8
1-Methylnaphthalene
Concen: 14.826 ng/ul
RT: 12.803 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

Tgt Ion:142 Resp: 456631
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.2





#10

Acenaphthylene

Concen: 0.128 ng/ul

RT: 14.463 min Scan# 2467

Delta R.T. -0.018 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

Instrument :

BNA_M

ClientSampleId :

BBJ94

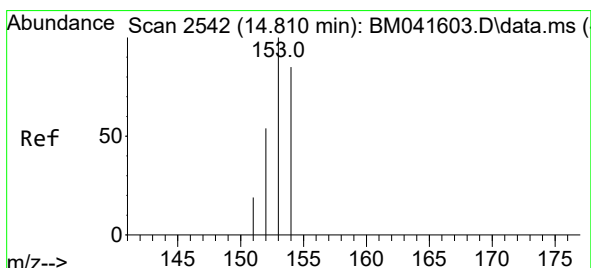
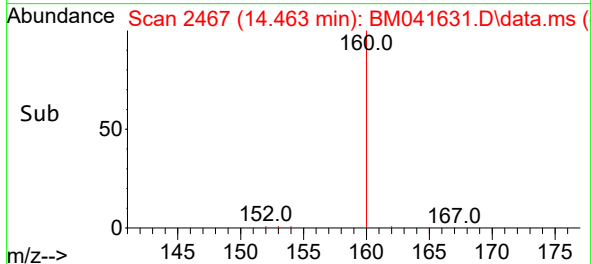
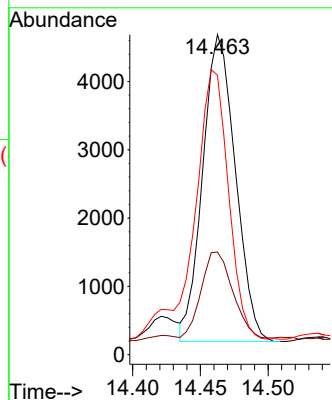
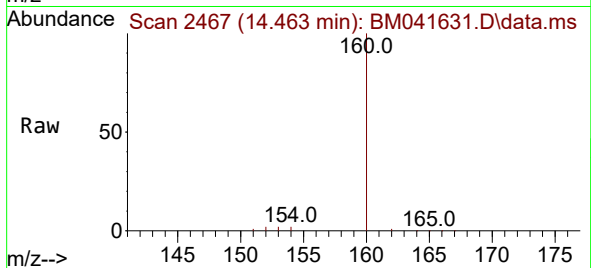
Tgt Ion:152 Resp: 7534

Ion Ratio Lower Upper

152 100

151 32.0 15.9 23.9#

153 87.4 10.6 15.8#



#11

Acenaphthene

Concen: 0.324 ng/ul

RT: 14.810 min Scan# 2542

Delta R.T. -0.009 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

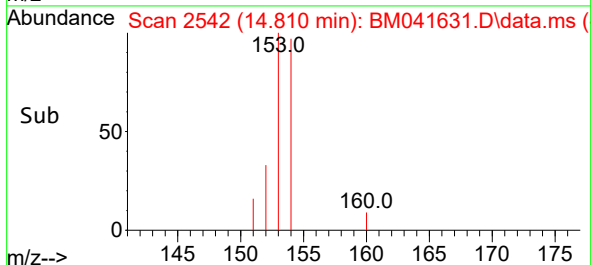
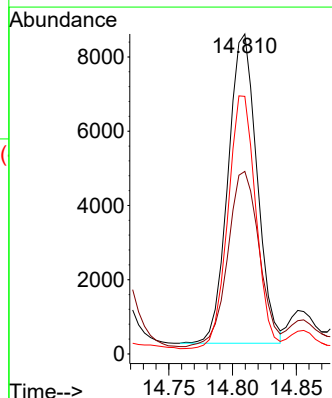
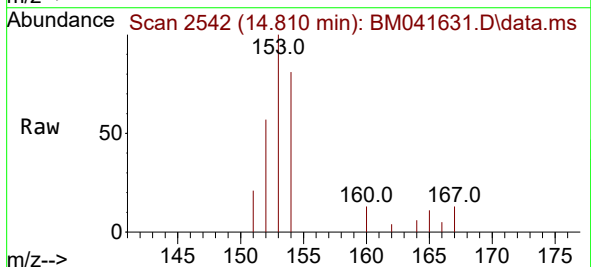
Tgt Ion:153 Resp: 13140

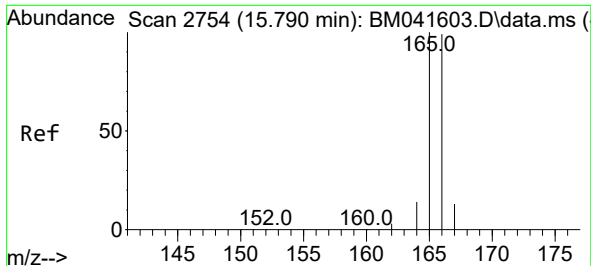
Ion Ratio Lower Upper

153 100

152 57.0 43.4 65.2

154 80.5 70.2 105.2

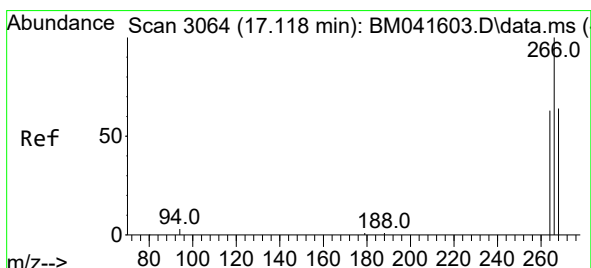
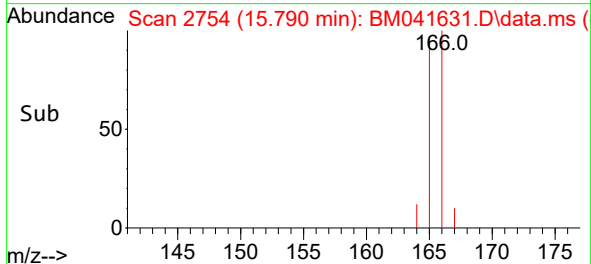
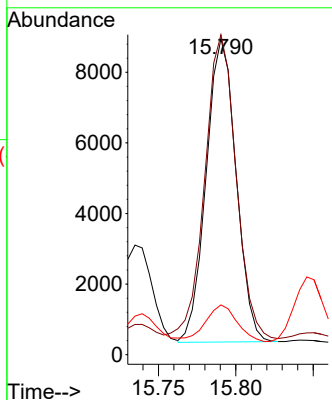
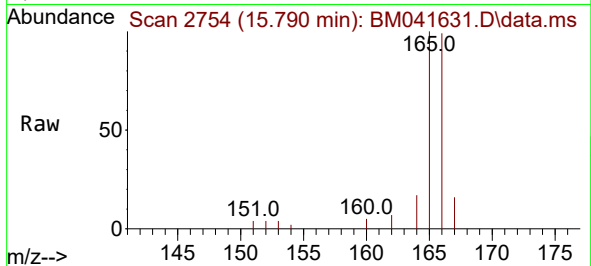




#12
Fluorene
Concen: 0.262 ng/ul
RT: 15.790 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

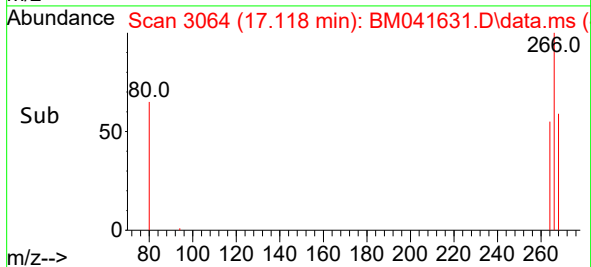
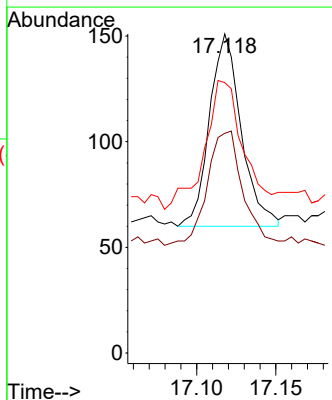
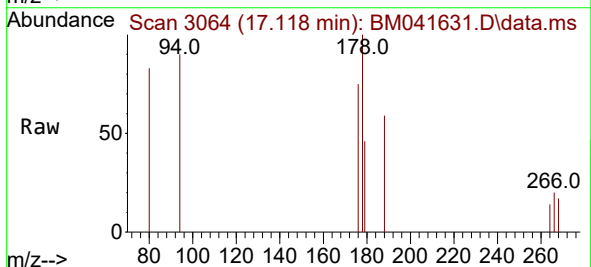
Instrument :
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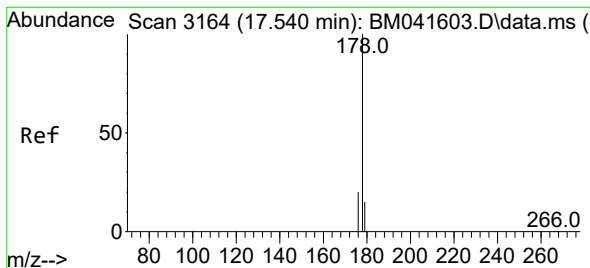
Tgt Ion:166 Resp: 11555
Ion Ratio Lower Upper
166 100
165 101.3 82.2 123.2
167 15.8 11.5 17.3



#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 17.118 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

Tgt Ion:266 Resp: 127
Ion Ratio Lower Upper
266 100
264 63.0 49.3 73.9
268 89.8 50.2 75.4#





#15

Phenanthrene

Concen: 0.086 ng/ul

RT: 17.540 min Scan# 3164

Delta R.T. -0.008 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

Instrument :

BNA_M

ClientSampleId :

BBJ94

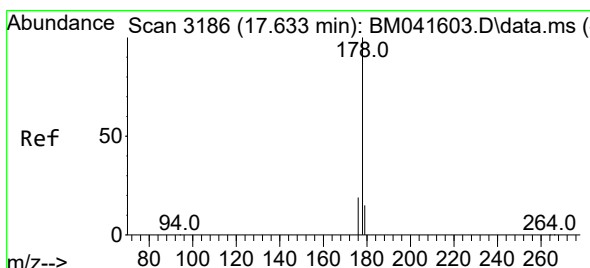
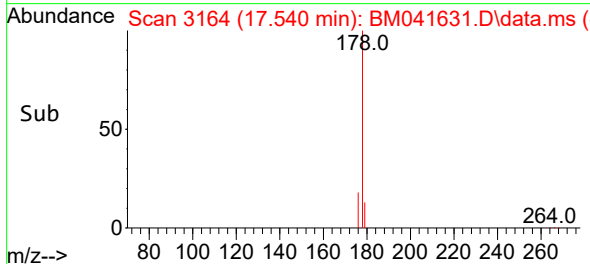
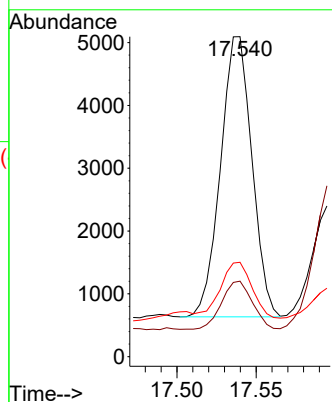
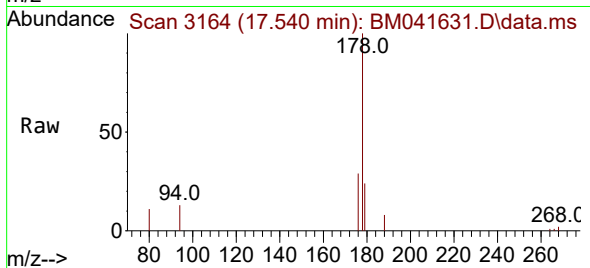
Tgt Ion:178 Resp: 6159

Ion Ratio Lower Upper

178 100

179 23.6 12.6 19.0#

176 29.5 16.2 24.4#



#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.628 min Scan# 3185

Delta R.T. -0.012 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

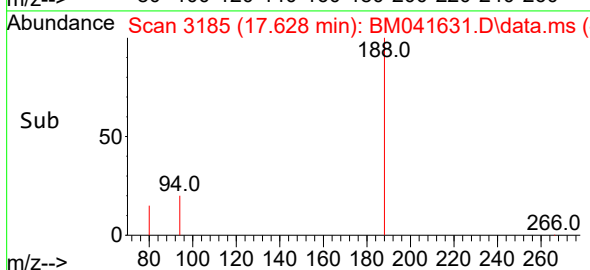
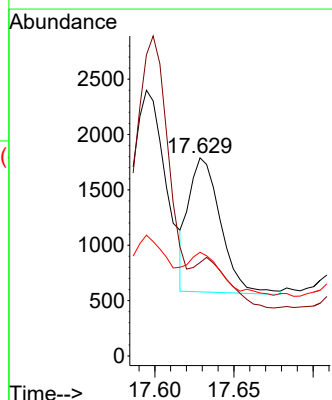
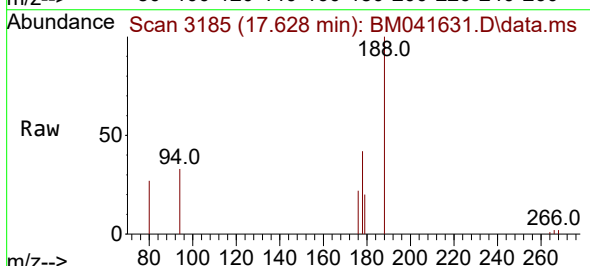
Tgt Ion:178 Resp: 1692

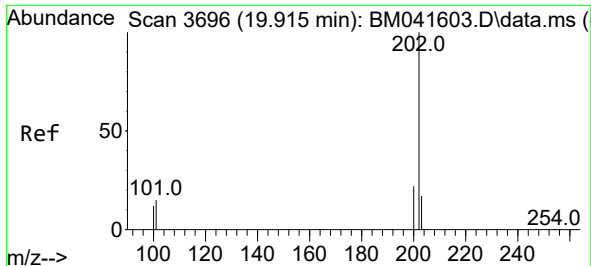
Ion Ratio Lower Upper

178 100

179 47.2 12.9 19.3#

176 52.3 15.6 23.4#

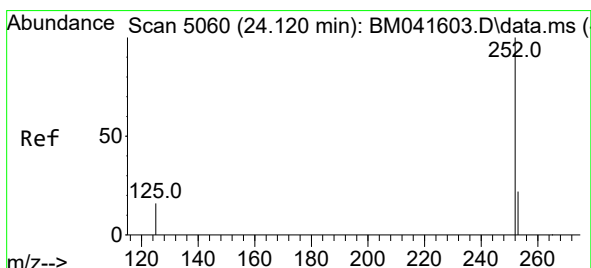
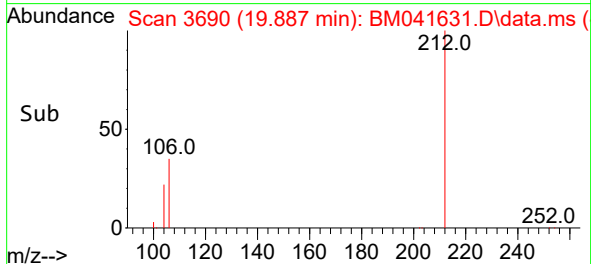
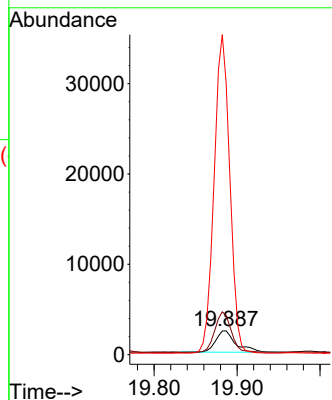
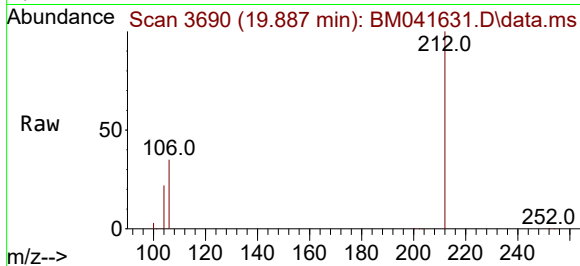




#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.887 min Scan# 3042
Delta R.T. -0.037 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

Instrument :
BNA_M
ClientSampleId :
BBJ94

Tgt Ion:202 Resp: 4027
Ion Ratio Lower Upper
202 100
101 163.3 12.2 18.4#
100 1138.3 9.8 14.8#



#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 24.067 min Scan# 5042
Delta R.T. -0.070 min
Lab File: BM041631.D
Acq: 01 Sep 2023 00:51

Tgt Ion:252 Resp: 7153
Ion Ratio Lower Upper
252 100
253 41.2 20.9 31.3#
125 51.1 21.1 31.7#

