

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036909.D
 Acq On : 10 Oct 2022 16:01
 Operator : CG/JU
 Sample : N4824-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P3

Quant Time: Oct 11 02:17:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

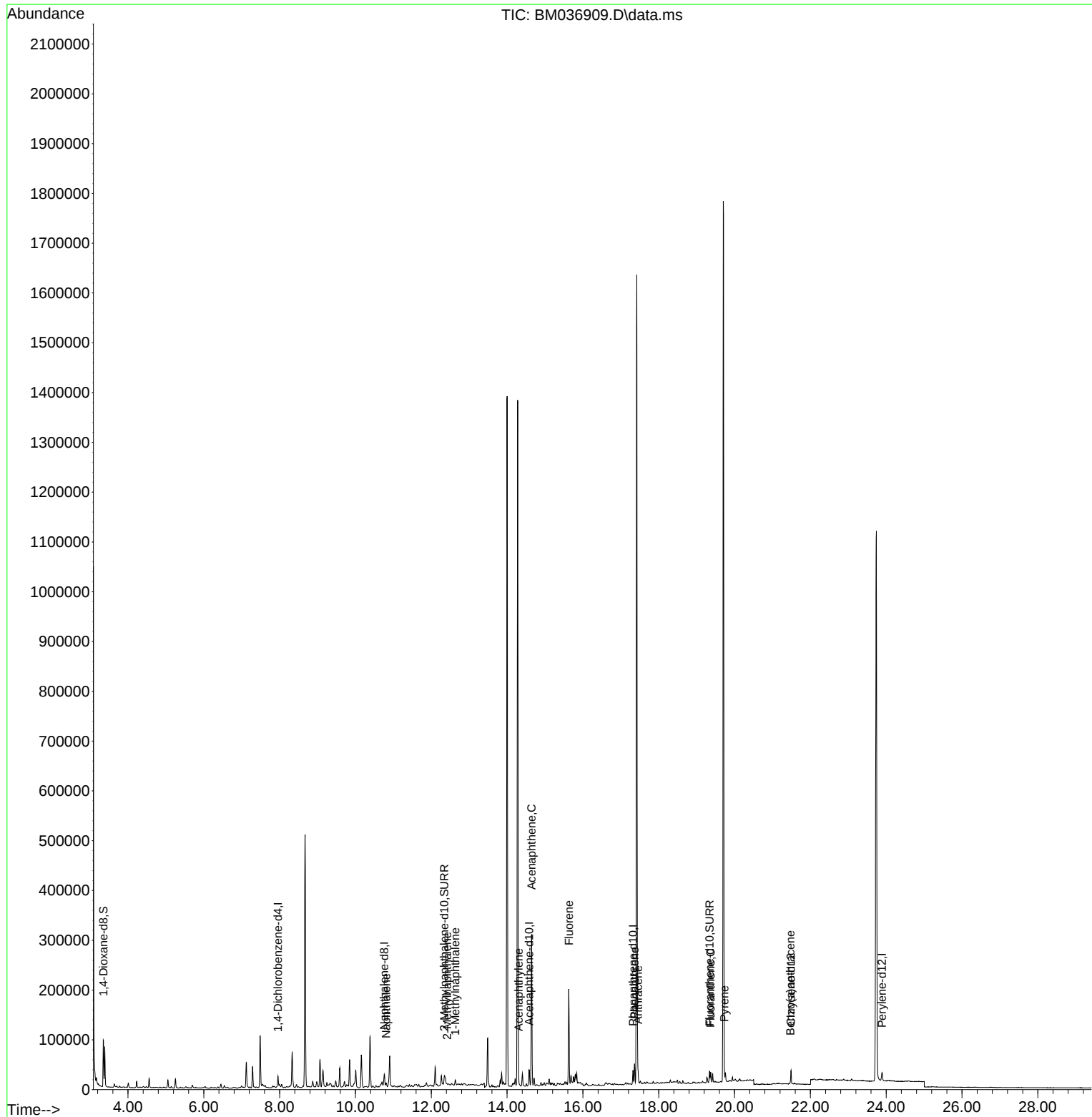
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9988	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	33864	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	19741	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	31396	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	22580	0.400	ng/ul	# 0.00
23) Perylene-d12	23.888	264	23842	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	55814	3.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	15059	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	23499	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	6132	0.063	ng/ul#	47
7) 2-Methylnaphthalene	12.420	142	2313	0.039	ng/ul#	1
8) 1-Methylnaphthalene	12.635	142	3940	0.066	ng/ul	94
10) Acenaphthylene	14.307	152	4943	0.060	ng/ul#	8
11) Acenaphthene	14.644	153	165486	2.324	ng/ul	98
12) Fluorene	15.630	166	117052	1.451	ng/ul	98
15) Phenanthrene	17.360	178	42270	0.422	ng/ul#	93
16) Anthracene	17.453	178	24623	0.294	ng/ul#	87
19) Fluoranthene	19.368	202	16077	0.179	ng/ul#	68
20) Pyrene	19.731	202	8399	0.090	ng/ul#	68
21) Benzo(a)anthracene	21.474	228	2503	0.031	ng/ul#	26

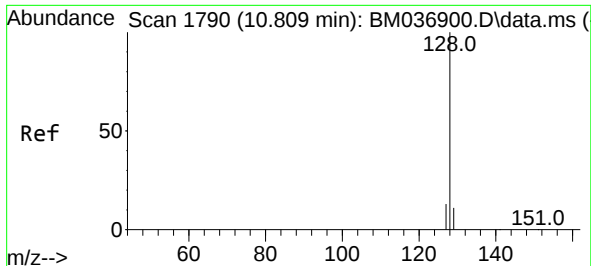
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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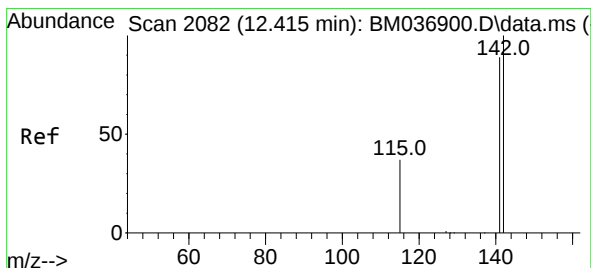
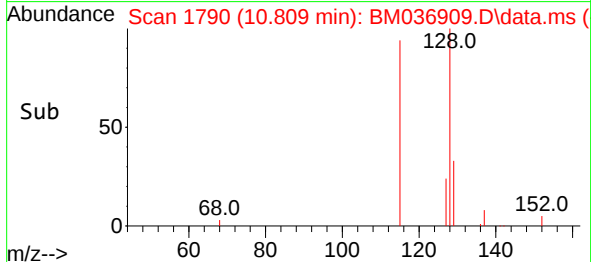
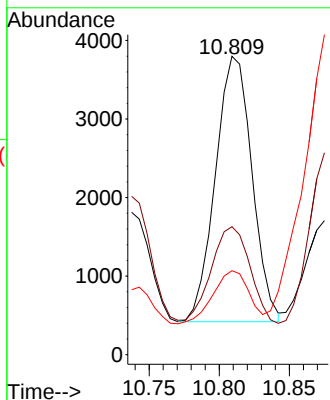
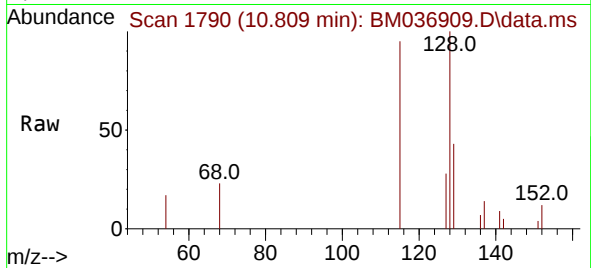




#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

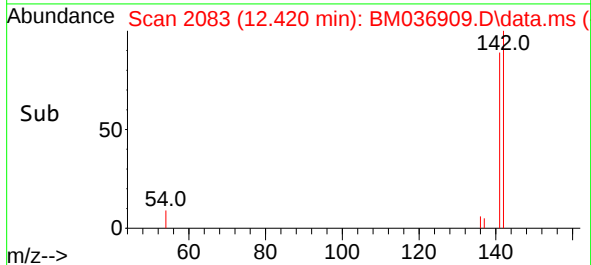
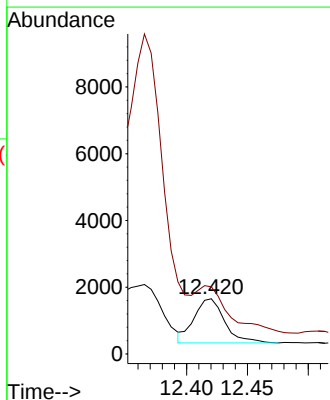
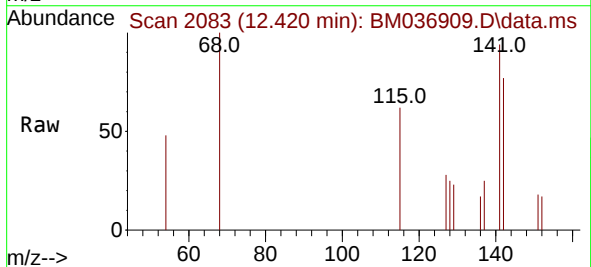
Instrument :
BNA_M
ClientSampleId :
CB8P3

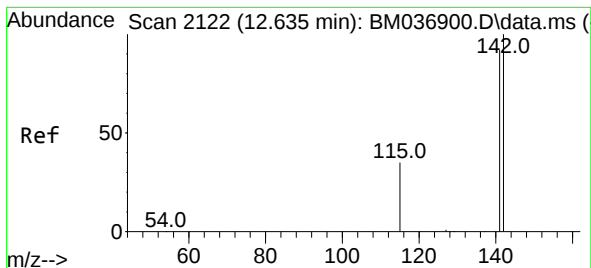
Tgt Ion:128 Resp: 6132
Ion Ratio Lower Upper
128 100
129 42.9 10.2 15.2#
127 28.2 11.7 17.5#



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

Tgt Ion:142 Resp: 2313
Ion Ratio Lower Upper
142 100
141 0.0 77.4 116.0#





#8

1-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 12.635 min Scan# 2122

Delta R.T. -0.005 min

Lab File: BM036909.D

Acq: 10 Oct 2022 16:01

Instrument :

BNA_M

ClientSampleId :

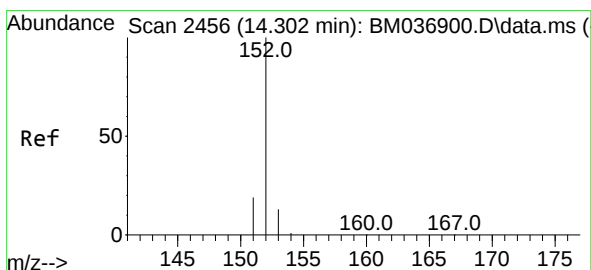
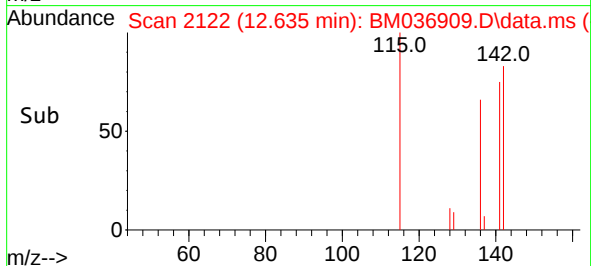
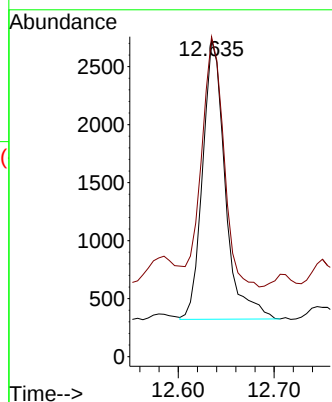
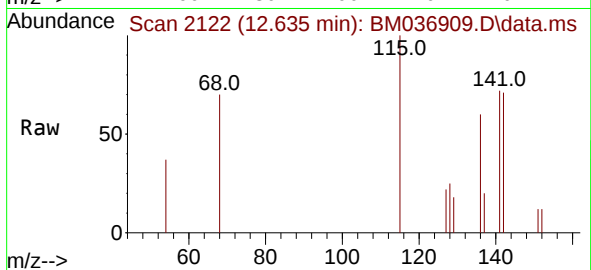
CB8P3

Tgt Ion:142 Resp: 3940

Ion Ratio Lower Upper

142 100

141 86.9 74.1 111.1



#10

Acenaphthylene

Concen: 0.060 ng/ul

RT: 14.307 min Scan# 2457

Delta R.T. -0.001 min

Lab File: BM036909.D

Acq: 10 Oct 2022 16:01

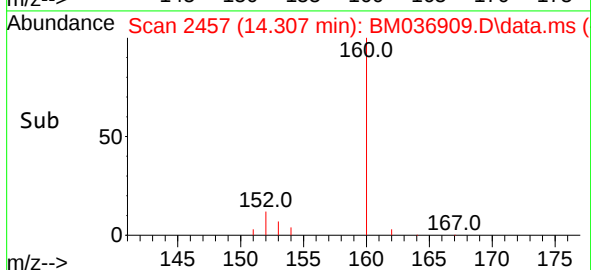
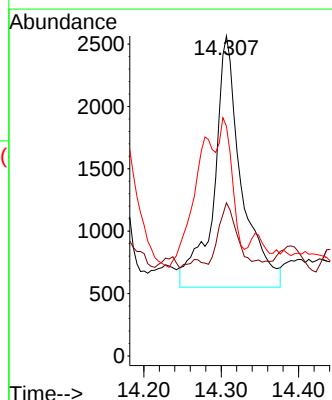
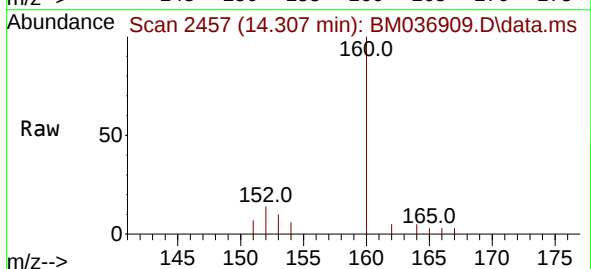
Tgt Ion:152 Resp: 4943

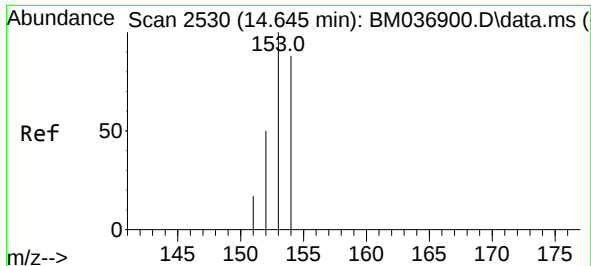
Ion Ratio Lower Upper

152 100

151 47.9 16.6 24.8#

153 71.8 11.4 17.0#

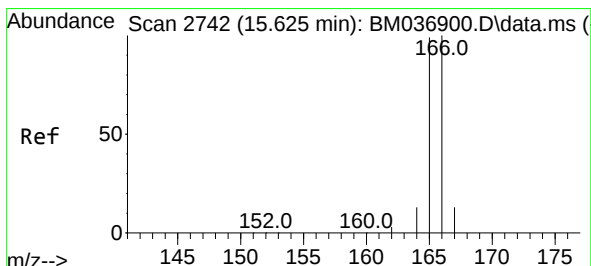
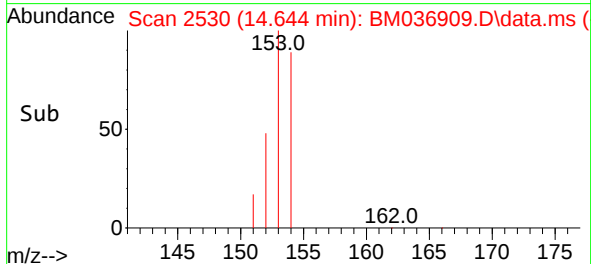
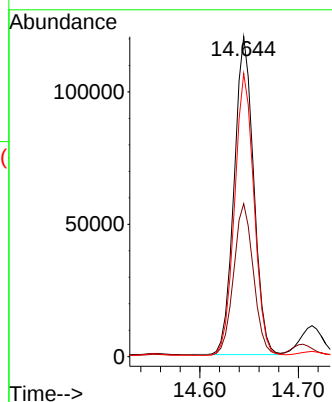
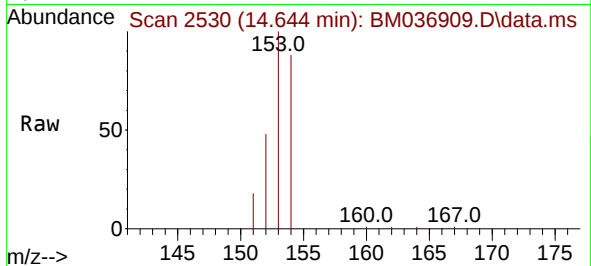




#11
Acenaphthene
Concen: 2.324 ng/ul
RT: 14.644 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

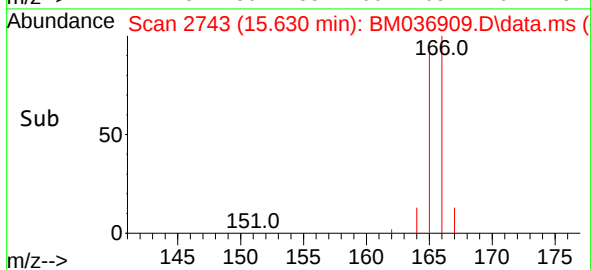
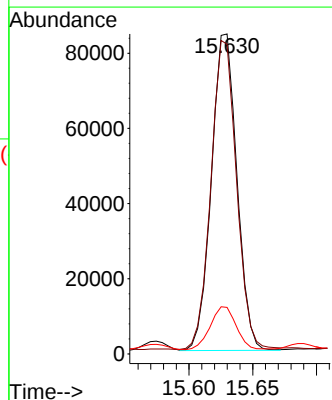
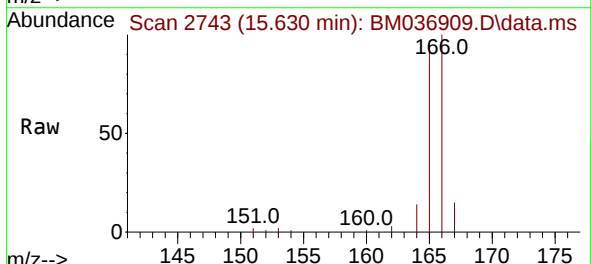
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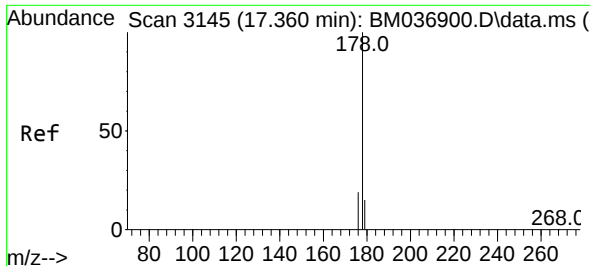
Tgt Ion:153 Resp: 165486
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 88.5 69.7 104.5



#12
Fluorene
Concen: 1.451 ng/ul
RT: 15.630 min Scan# 2743
Delta R.T. -0.001 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

Tgt Ion:166 Resp: 117052
Ion Ratio Lower Upper
166 100
165 96.8 78.9 118.3
167 14.6 11.3 16.9

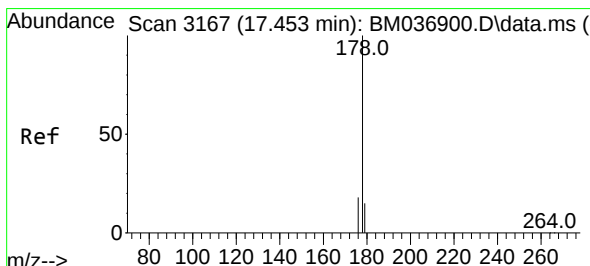
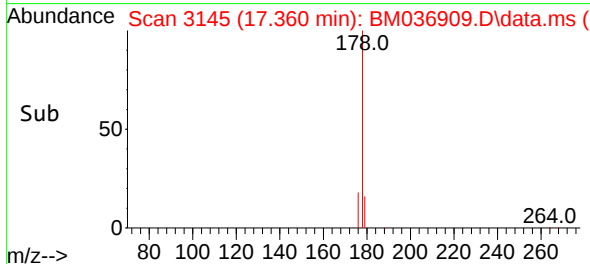
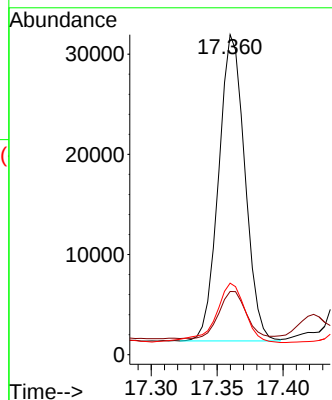
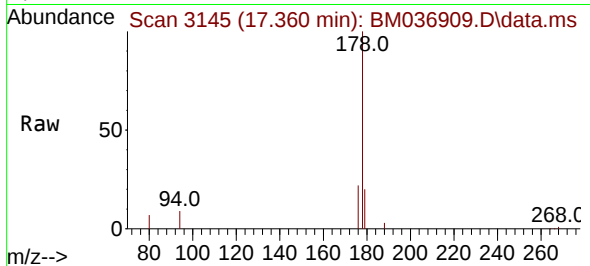




#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

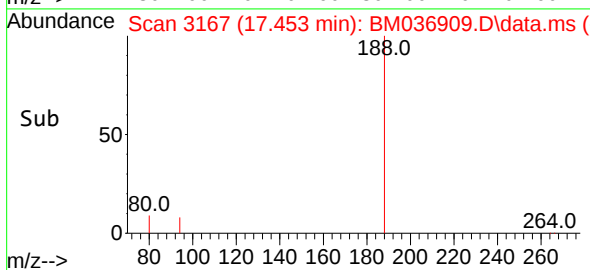
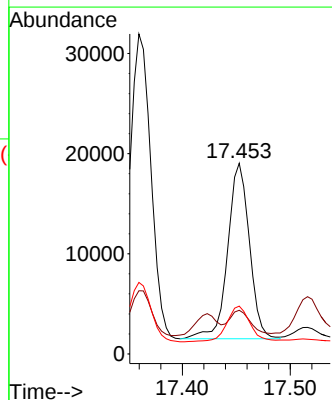
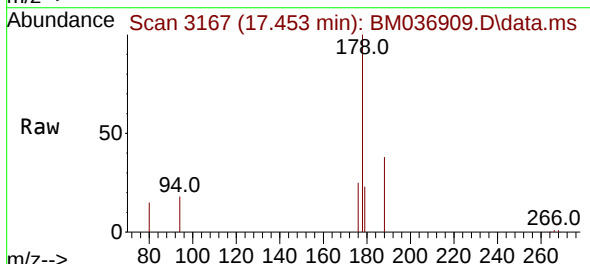
Instrument :
BNA_M
ClientSampleId :
CB8P3

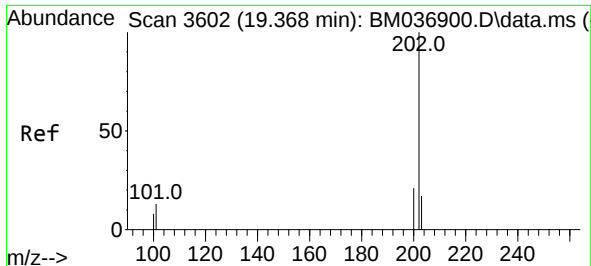
Tgt Ion:178 Resp: 42270
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.6#
176 22.4 15.6 23.4



#16
Anthracene
Concen: 0.294 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

Tgt Ion:178 Resp: 24623
Ion Ratio Lower Upper
178 100
179 22.9 13.6 20.4#
176 25.1 15.6 23.4#

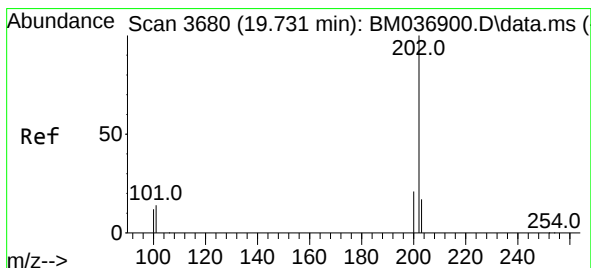
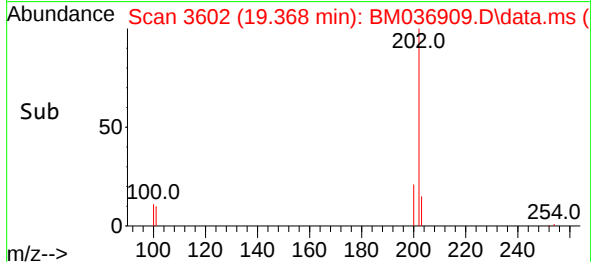
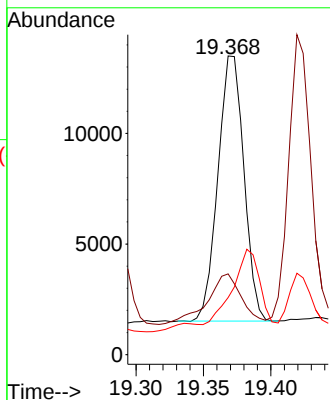
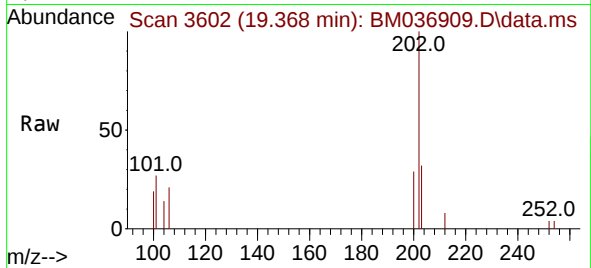




#19
Fluoranthene
Concen: 0.179 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

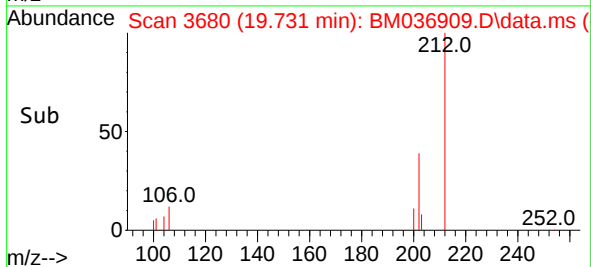
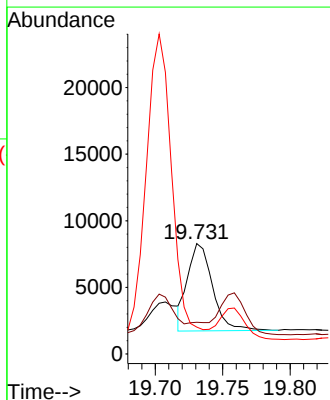
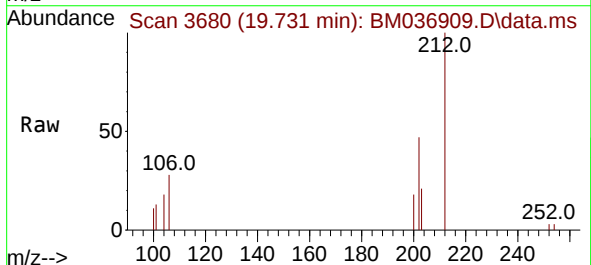
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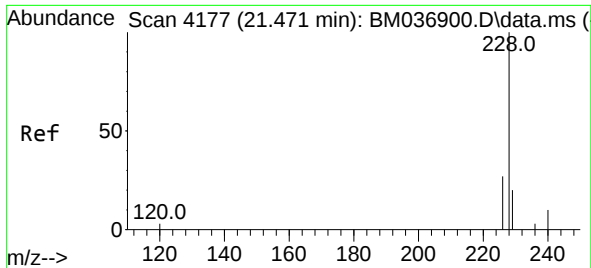
Tgt Ion:202 Resp: 16077
Ion Ratio Lower Upper
202 100
101 27.1 10.1 15.1#
100 19.1 7.9 11.9#



#20
Pyrene
Concen: 0.090 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

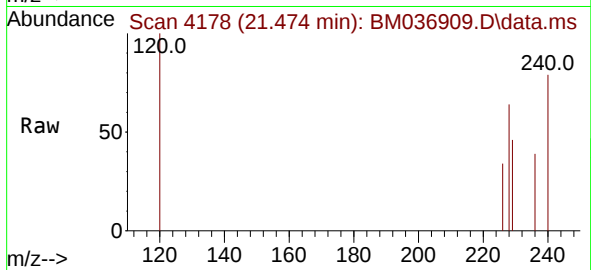
Tgt Ion:202 Resp: 8399
Ion Ratio Lower Upper
202 100
101 28.6 12.0 18.0#
100 24.3 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.474 min Scan# 41
Delta R.T. 0.001 min
Lab File: BM036909.D
Acq: 10 Oct 2022 16:01

Instrument :
BNA_M
ClientSampleId :
CB8P3



Tgt Ion:228 Resp: 2503
Ion Ratio Lower Upper
228 100
229 71.9 16.2 24.2#
226 52.6 22.5 33.7#

