

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042034.D
 Acq On : 25 Sep 2023 15:34
 Operator : MA/JU
 Sample : 04429-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBLO

Quant Time: Sep 25 16:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

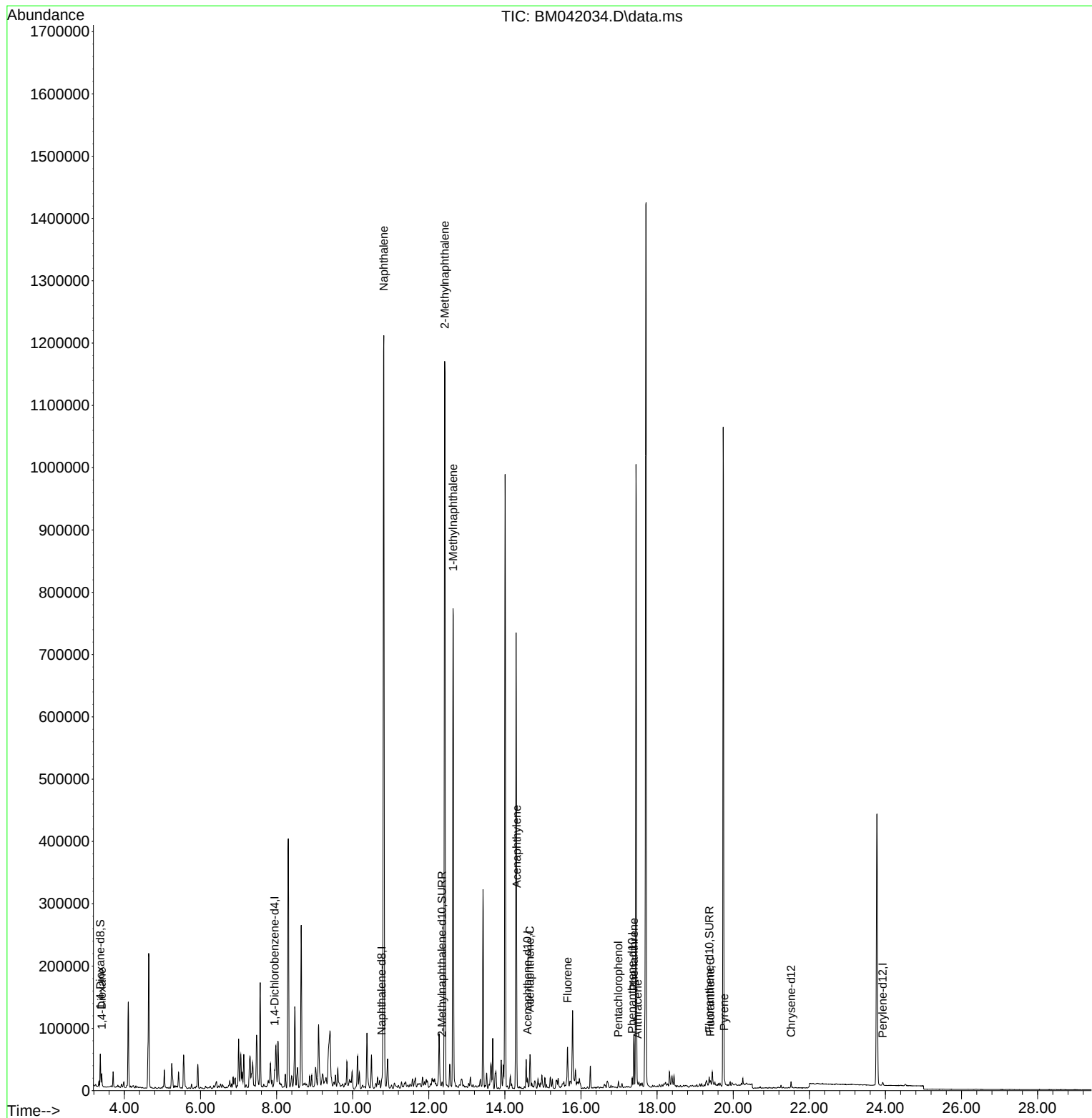
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5796	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.763	136	13068	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.597	164	6980	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.345	188	15082	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.521	240	6903	0.400	ng/ul	# 0.00
23) Perylene-d12	23.930	264	6975	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	27605	3.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	5325	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	11084	0.390	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	12028	1.447	ng/ul#	82
5) Naphthalene	10.818	128	1671730	38.186	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	836179	32.042	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	527158	19.897	ng/ul	97
10) Acenaphthylene	14.310	152	5040	0.108	ng/ul#	1
11) Acenaphthene	14.657	153	30698	0.856	ng/ul	96
12) Fluorene	15.647	166	39744	0.984	ng/ul	98
14) Pentachlorophenol	16.982	266	6498	0.815	ng/ul	99
15) Phenanthrene	17.388	178	90950	1.300	ng/ul	98
16) Anthracene	17.485	178	2643	0.044	ng/ul#	62
19) Fluoranthene	19.399	202	5491	0.070	ng/ul#	1
20) Pyrene	19.766	202	5009	0.065	ng/ul#	54

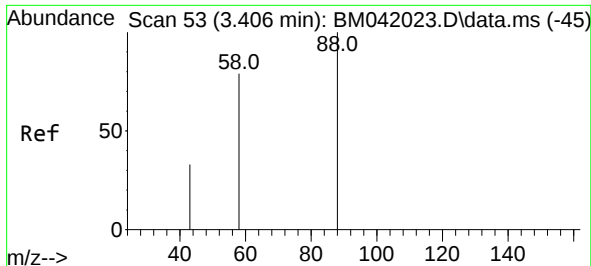
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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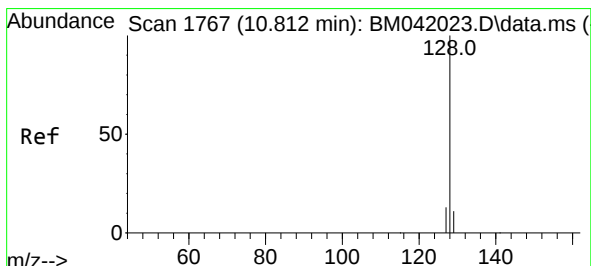
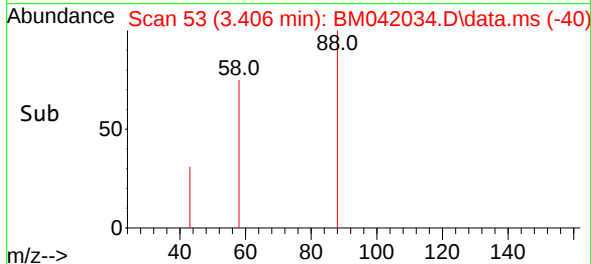
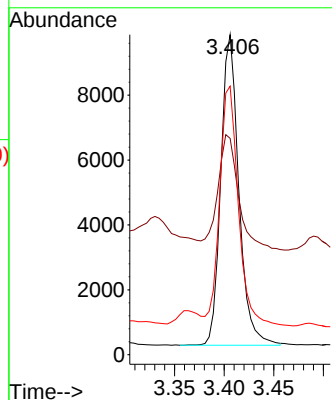
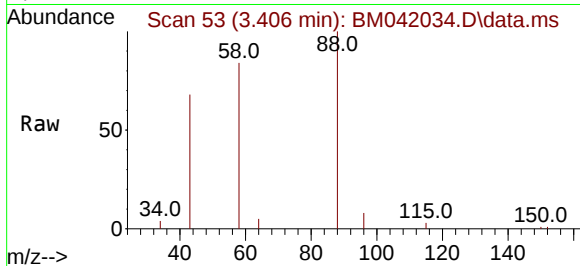




#2
 1,4-Dioxane
 Concen: 1.447 ng/ul
 RT: 3.406 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM042034.D
 Acq: 25 Sep 2023 15:34

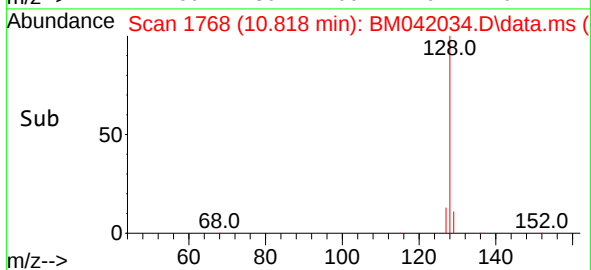
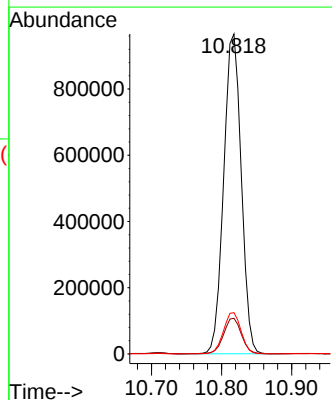
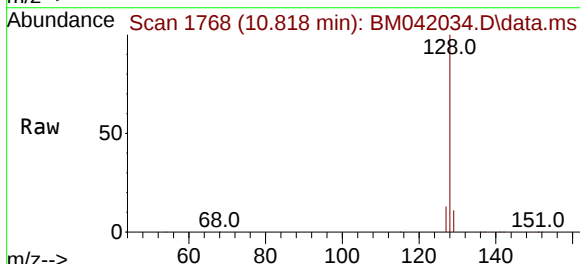
Instrument :
 BNA_M
 ClientSampleId :
 BBBLO

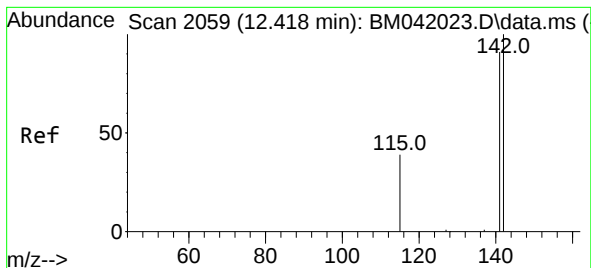
Tgt Ion: 88 Resp: 12028
 Ion Ratio Lower Upper
 88 100
 43 67.6 42.9 64.3#
 58 83.9 56.4 84.6



#5
 Naphthalene
 Concen: 38.186 ng/ul
 RT: 10.818 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BM042034.D
 Acq: 25 Sep 2023 15:34

Tgt Ion: 128 Resp: 1671730
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.2 13.8
 127 12.9 10.8 16.2





#7

2-Methylnaphthalene

Concen: 32.042 ng/ul

RT: 12.423 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BM042034.D

Acq: 25 Sep 2023 15:34

Instrument :

BNA_M

ClientSampleId :

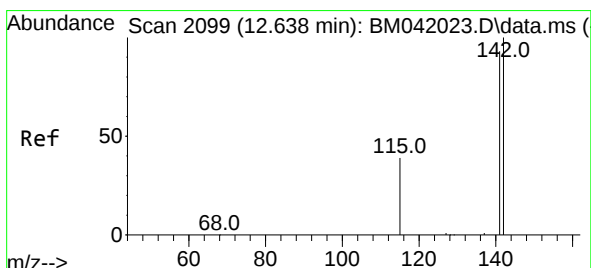
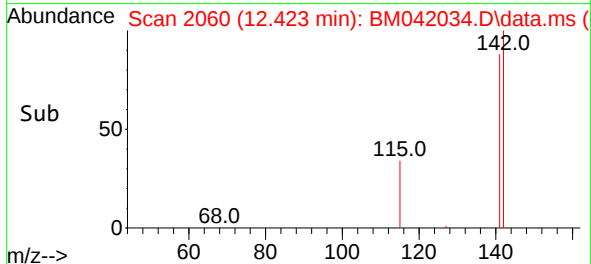
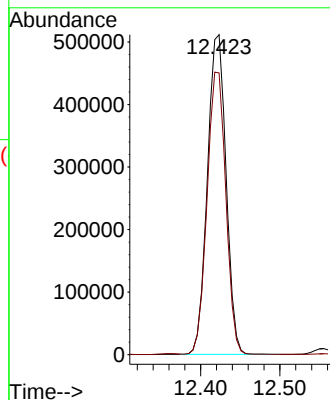
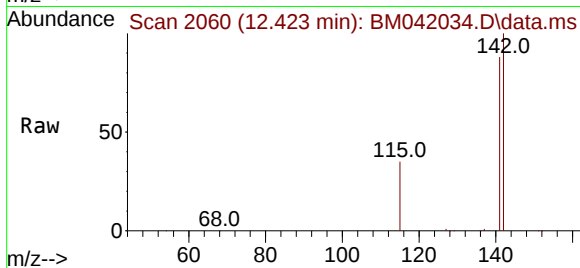
BBBLO

Tgt Ion:142 Resp: 836179

Ion Ratio Lower Upper

142 100

141 89.0 72.1 108.1



#8

1-Methylnaphthalene

Concen: 19.897 ng/ul

RT: 12.643 min Scan# 2100

Delta R.T. 0.000 min

Lab File: BM042034.D

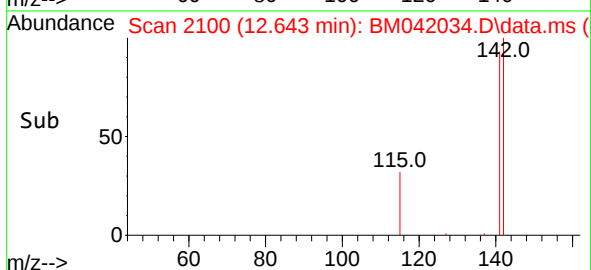
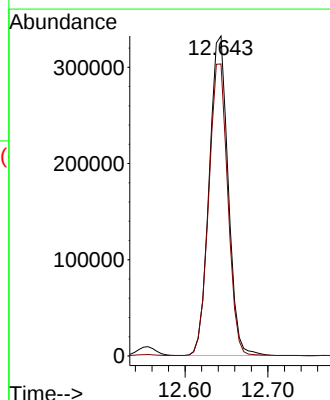
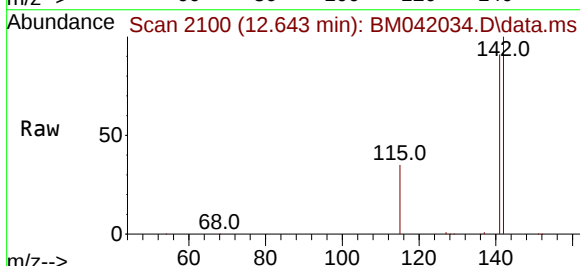
Acq: 25 Sep 2023 15:34

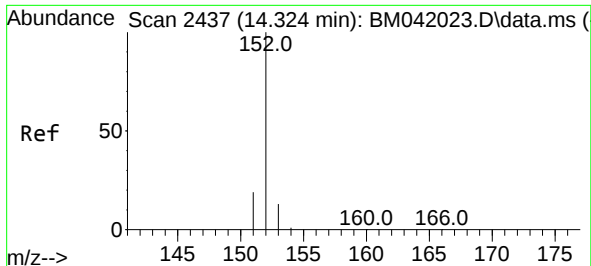
Tgt Ion:142 Resp: 527158

Ion Ratio Lower Upper

142 100

141 91.5 75.1 112.7

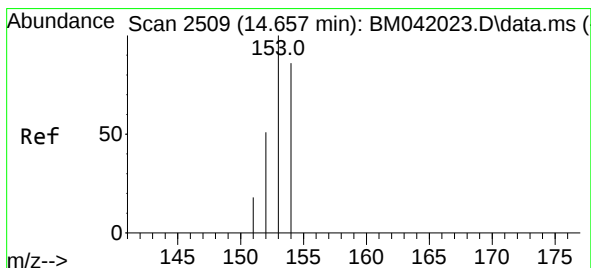
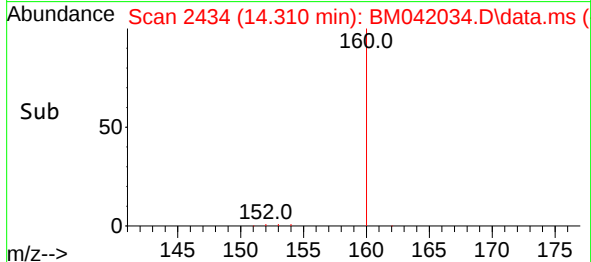
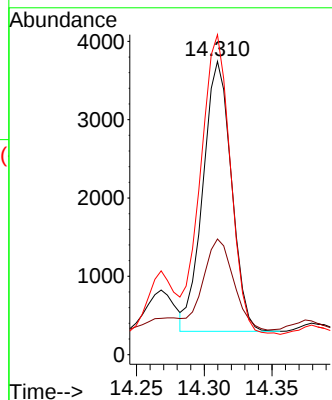
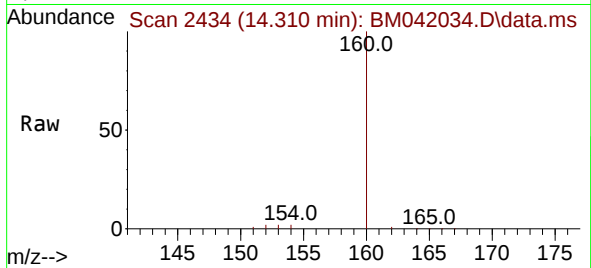




#10
 Acenaphthylene
 Concen: 0.108 ng/ul
 RT: 14.310 min Scan# 2437
 Delta R.T. -0.018 min
 Lab File: BM042034.D
 Acq: 25 Sep 2023 15:34

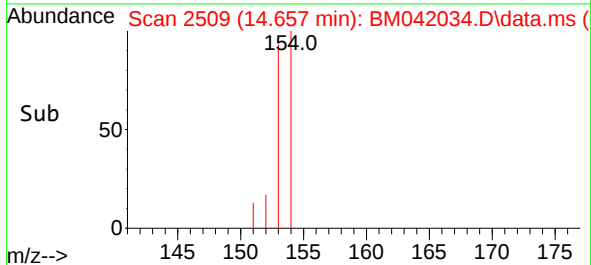
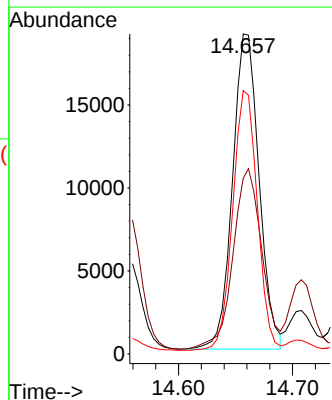
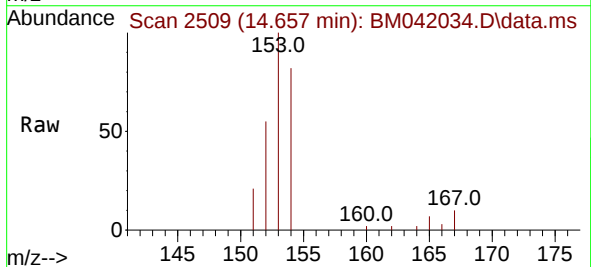
Instrument :
 BNA_M
 ClientSampleId :
 BBBLO

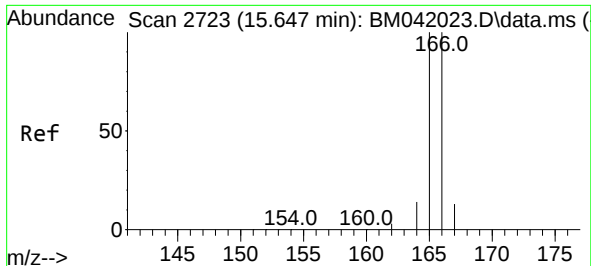
Tgt Ion:152 Resp: 5040
 Ion Ratio Lower Upper
 152 100
 151 39.4 16.2 24.4#
 153 109.1 10.8 16.2#



#11
 Acenaphthene
 Concen: 0.856 ng/ul
 RT: 14.657 min Scan# 2509
 Delta R.T. -0.005 min
 Lab File: BM042034.D
 Acq: 25 Sep 2023 15:34

Tgt Ion:153 Resp: 30698
 Ion Ratio Lower Upper
 153 100
 152 55.0 41.8 62.8
 154 82.3 69.0 103.6

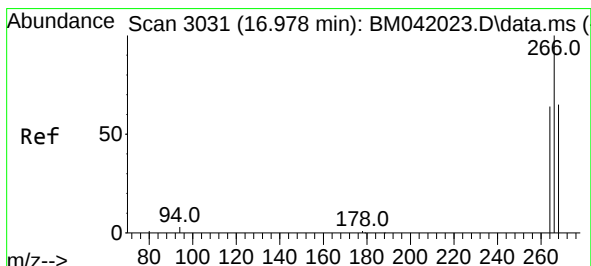
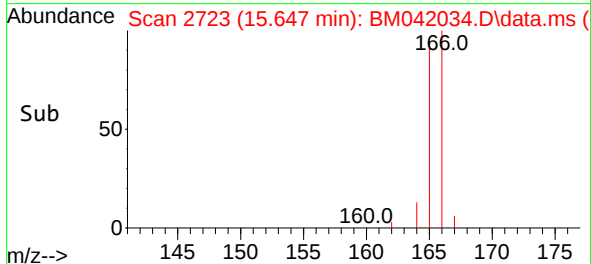
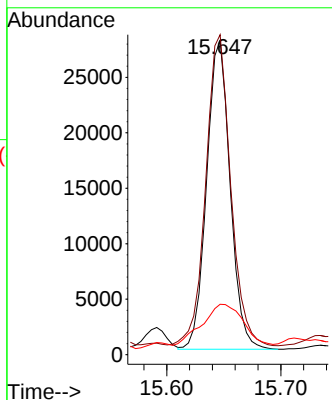
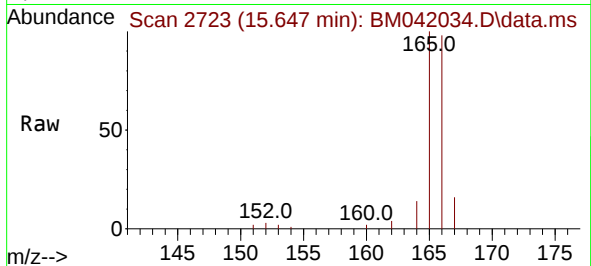




#12
Fluorene
Concen: 0.984 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042034.D
Acq: 25 Sep 2023 15:34

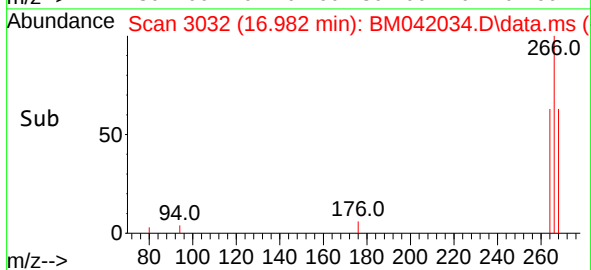
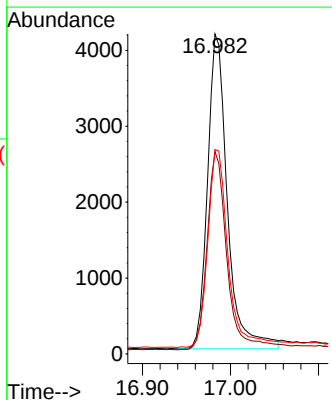
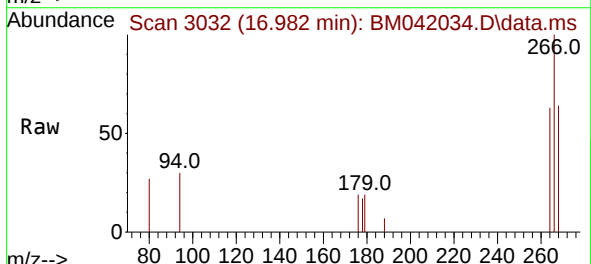
Instrument :
BNA_M
ClientSampleId :
BBBL0

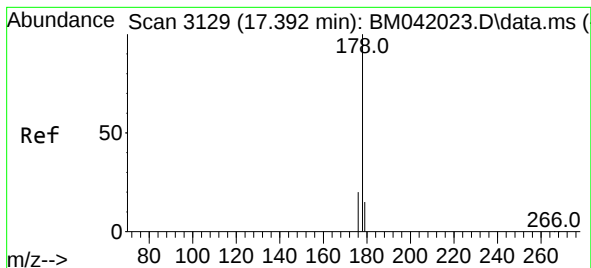
Tgt Ion:166 Resp: 39744
Ion Ratio Lower Upper
166 100
165 101.8 79.8 119.8
167 16.1 11.1 16.7



#14
Pentachlorophenol
Concen: 0.815 ng/ul
RT: 16.982 min Scan# 3032
Delta R.T. 0.000 min
Lab File: BM042034.D
Acq: 25 Sep 2023 15:34

Tgt Ion:266 Resp: 6498
Ion Ratio Lower Upper
266 100
264 63.4 50.2 75.4
268 64.8 51.0 76.4





#15

Phenanthrene

Concen: 1.300 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BM042034.D

Acq: 25 Sep 2023 15:34

Instrument :

BNA_M

ClientSampleId :

BBBL0

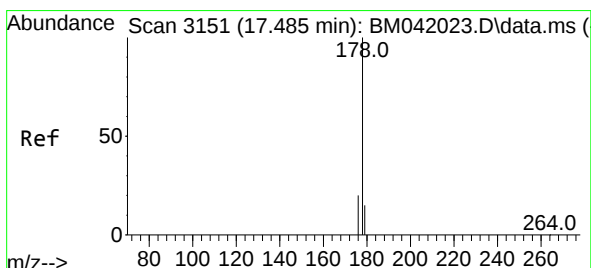
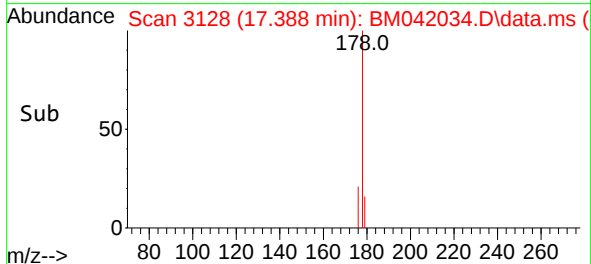
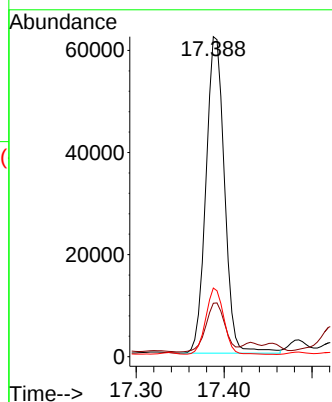
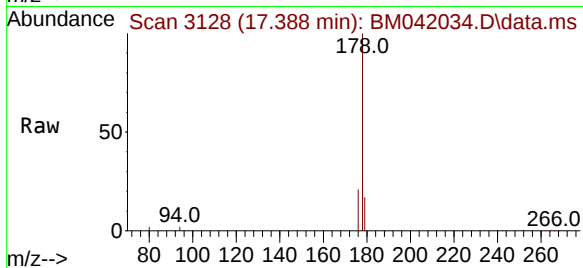
Tgt Ion:178 Resp: 90950

Ion Ratio Lower Upper

178 100

179 16.7 12.7 19.1

176 21.5 16.6 24.8



#16

Anthracene

Concen: 0.044 ng/ul

RT: 17.485 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BM042034.D

Acq: 25 Sep 2023 15:34

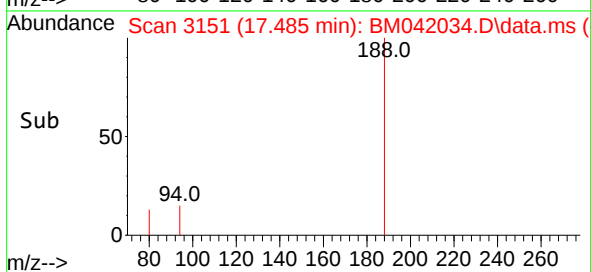
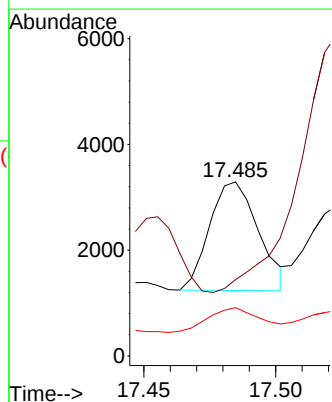
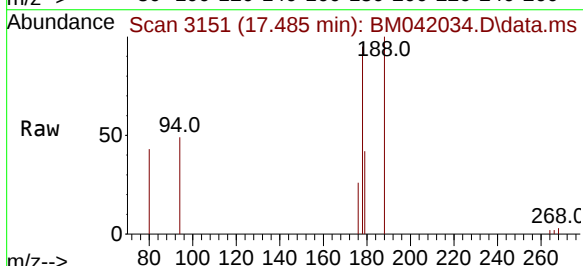
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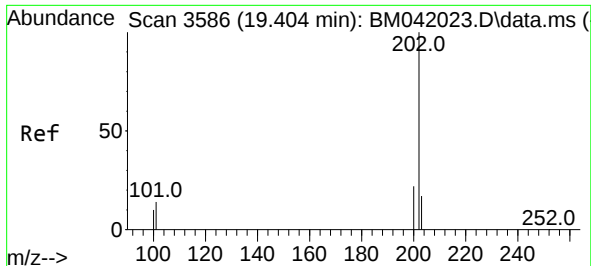
Ion Ratio Lower Upper

178 100

179 43.9 12.9 19.3#

176 27.8 16.2 24.2#

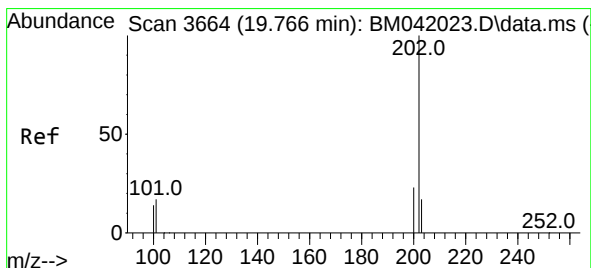
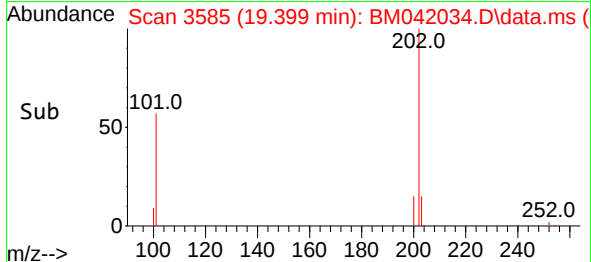
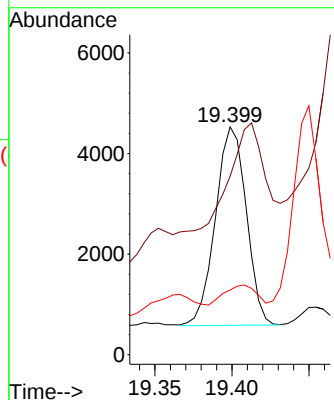
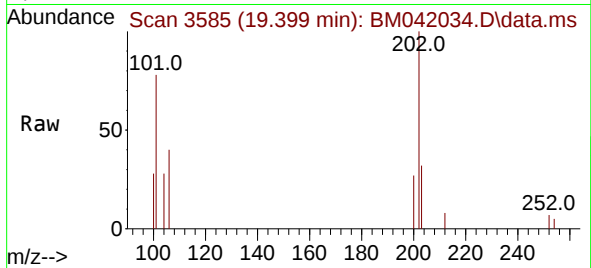




#19
Fluoranthene
Concen: 0.070 ng/u1
RT: 19.399 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BM042034.D
Acq: 25 Sep 2023 15:34

Instrument :
BNA_M
ClientSampleId :
BBBLO

Tgt Ion:202 Resp: 5491
Ion Ratio Lower Upper
202 100
101 78.4 11.8 17.6#
100 28.3 9.1 13.7#



#20
Pyrene
Concen: 0.065 ng/u1
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042034.D
Acq: 25 Sep 2023 15:34

Tgt Ion:202 Resp: 5009
Ion Ratio Lower Upper
202 100
101 41.4 14.1 21.1#
100 29.0 11.4 17.0#

