

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042129.D
 Acq On : 28 Sep 2023 23:51
 Operator : MA/JU
 Sample : 04480-11DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK42DL

Quant Time: Sep 29 04:42:15 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 29 04:39:33 2023
 Response via : Initial Calibration

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

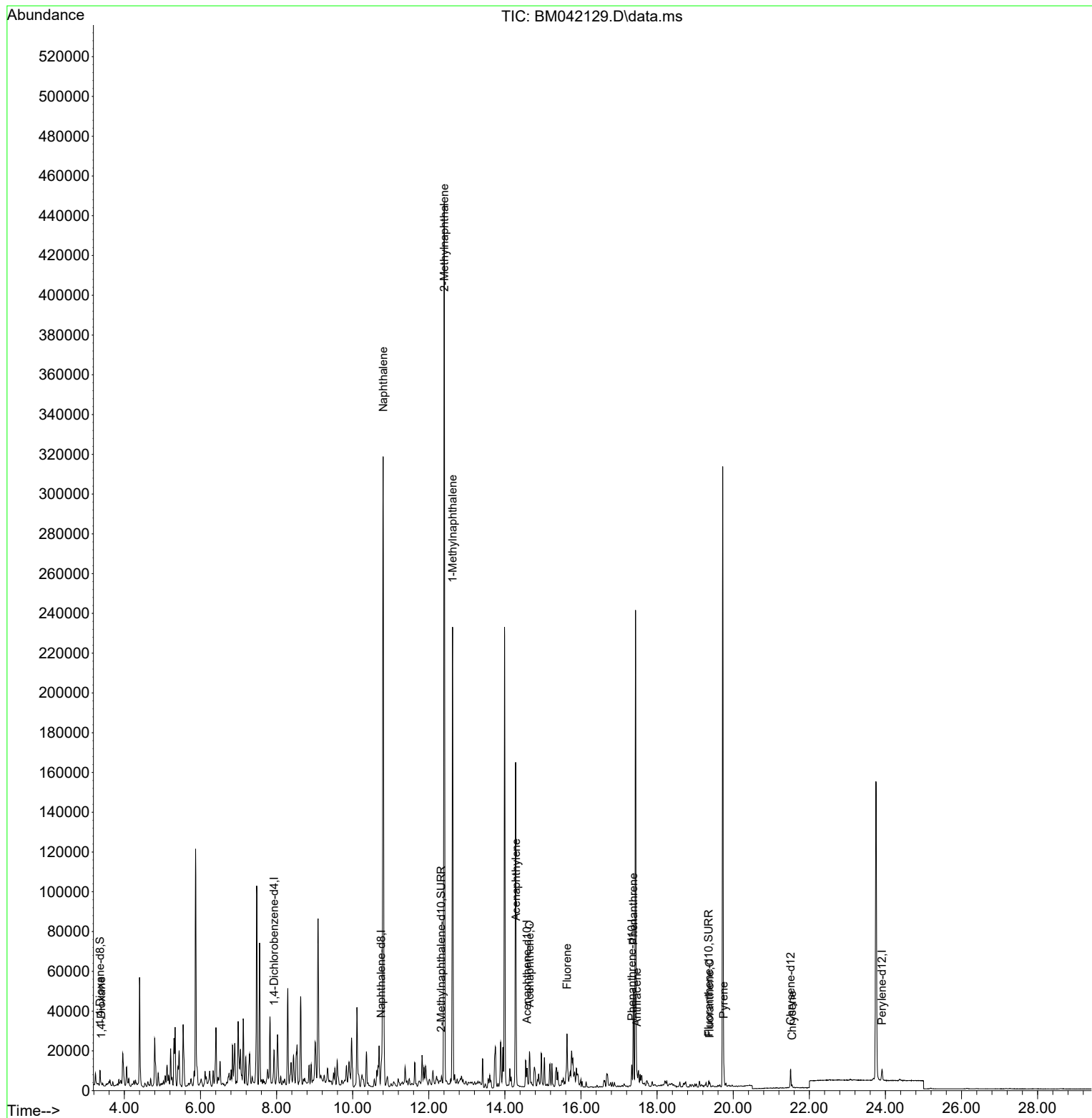
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3288	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.752	136	8979	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	4584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11337	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	7131	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	7607	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	4628	1.033	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	1131	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	2437	0.083	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	378	0.080	ng/ul#	9
5) Naphthalene	10.801	128	428559	14.247	ng/ul	98
7) 2-Methylnaphthalene	12.407	142	306595	17.099	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	151142	8.303	ng/ul	99
10) Acenaphthylene	14.296	152	3062	0.100	ng/ul#	1
11) Acenaphthene	14.648	153	9910	0.421	ng/ul	93
12) Fluorene	15.633	166	16209	0.611	ng/ul	97
15) Phenanthrene	17.375	178	53086	1.010	ng/ul	98
16) Anthracene	17.468	178	3545	0.078	ng/ul#	81
19) Fluoranthene	19.385	202	1805	0.022	ng/ul#	78
20) Pyrene	19.752	202	7045	0.089	ng/ul#	91
22) Chrysene	21.545	228	1203	0.022	ng/ul#	66

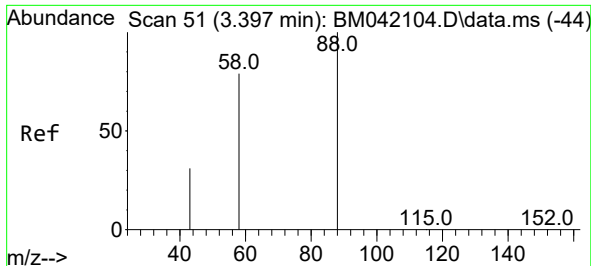
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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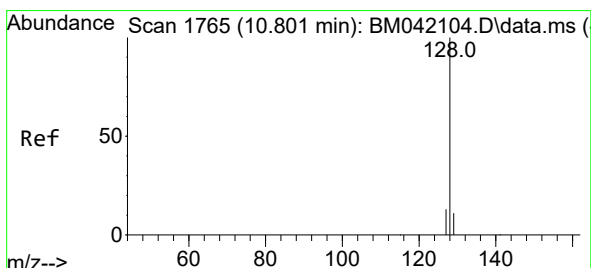
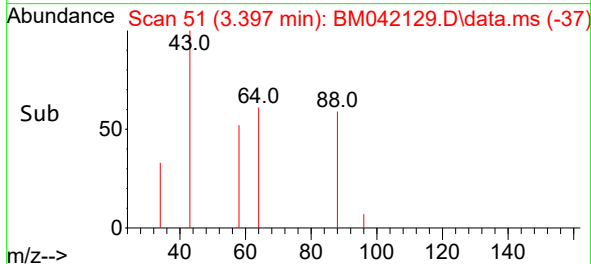
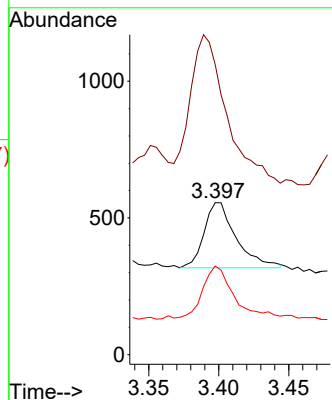
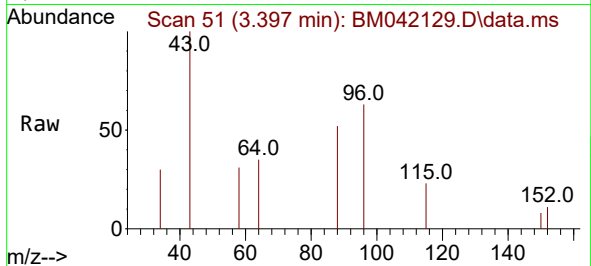




#2
1,4-Dioxane
Concen: 0.080 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

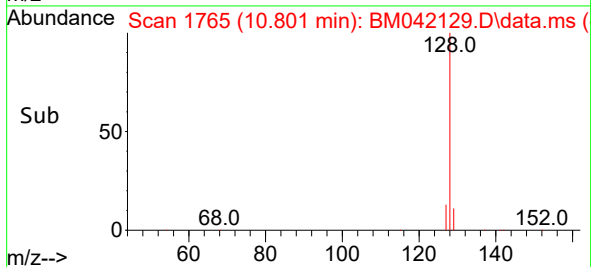
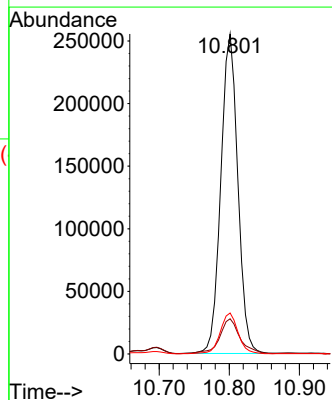
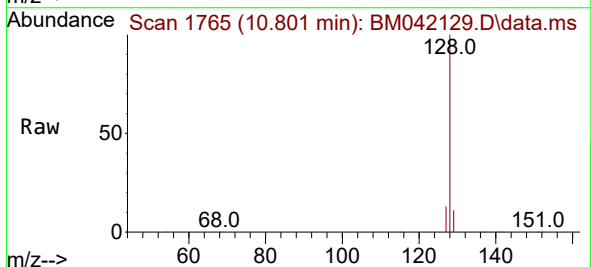
Instrument :
BNA_M
ClientSampleId :
BBK42DL

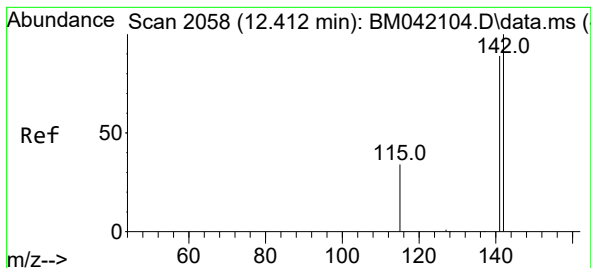
Tgt Ion: 88 Resp: 378
Ion Ratio Lower Upper
88 100
43 190.6 42.9 64.3#
58 58.3 56.4 84.6



#5
Naphthalene
Concen: 14.247 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

Tgt Ion:128 Resp: 428559
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.8 16.2

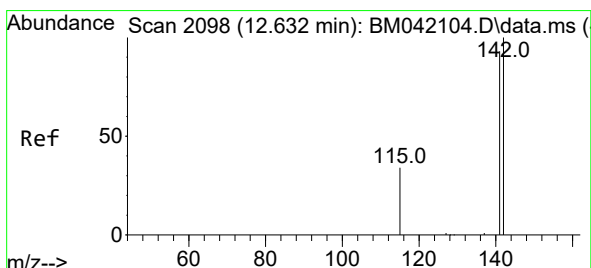
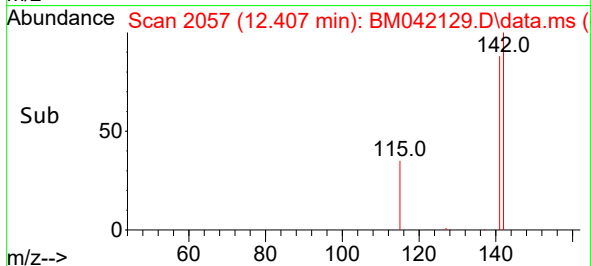
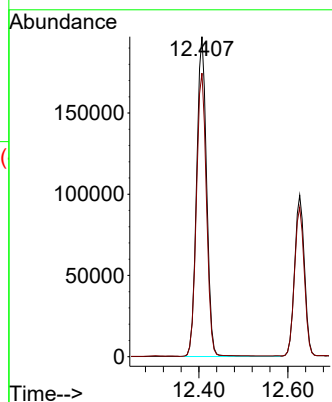
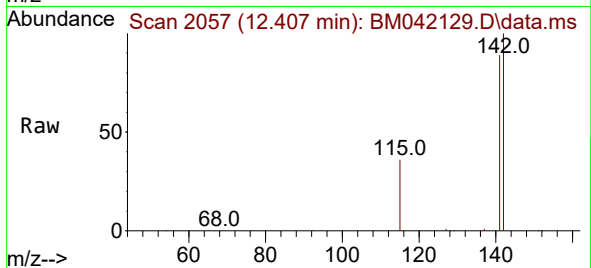




#7
2-Methylnaphthalene
Concen: 17.099 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

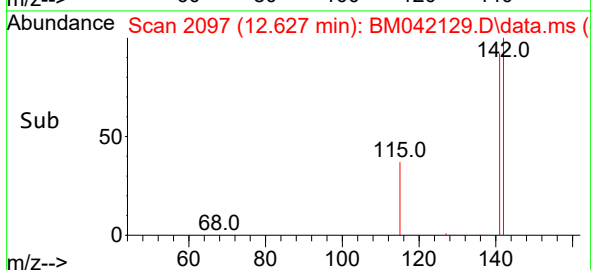
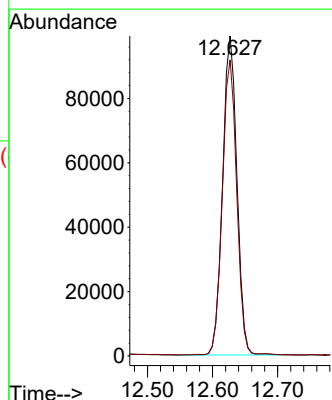
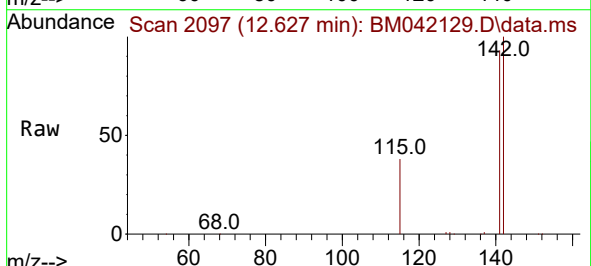
Instrument :
BNA_M
ClientSampleId :
BBK42DL

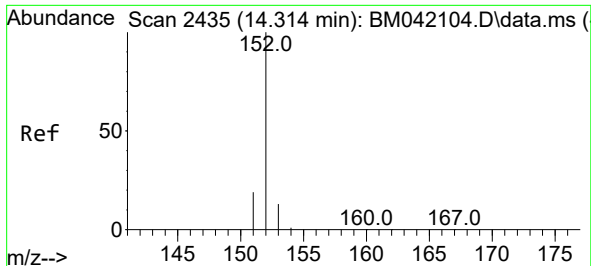
Tgt Ion:142 Resp: 306595
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1



#8
1-Methylnaphthalene
Concen: 8.303 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

Tgt Ion:142 Resp: 151142
Ion Ratio Lower Upper
142 100
141 92.9 75.1 112.7

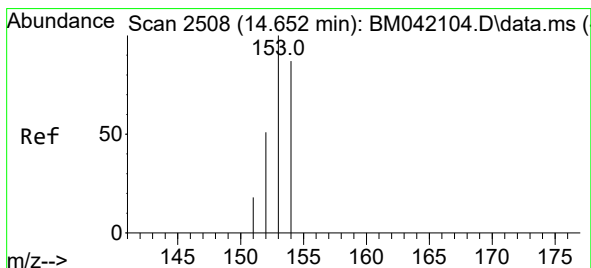
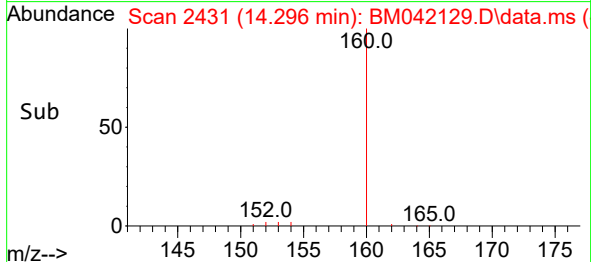
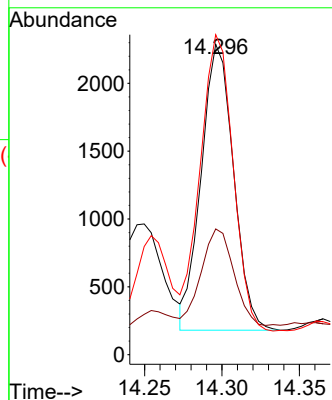
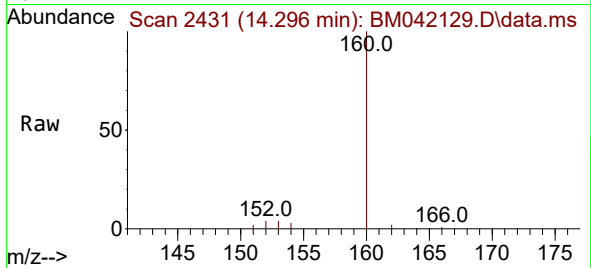




#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.019 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

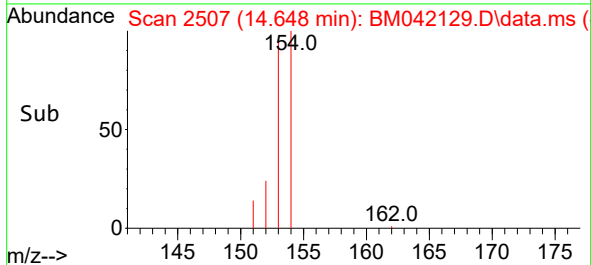
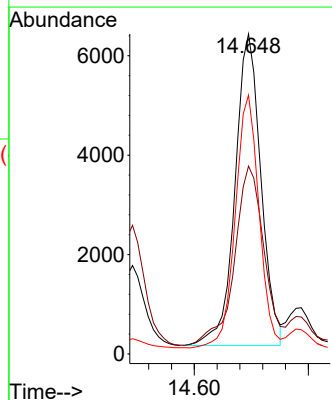
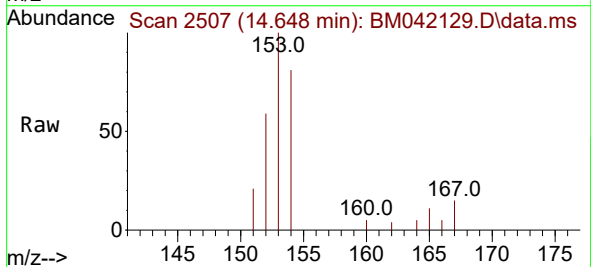
Instrument :
BNA_M
ClientSampleId :
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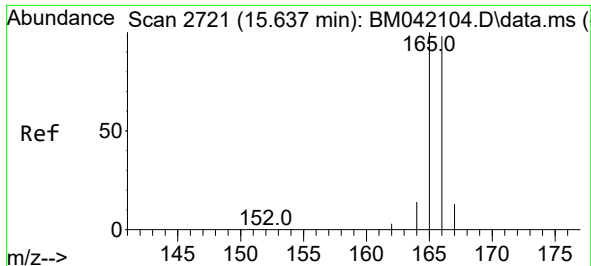
Tgt Ion:152 Resp: 3062
Ion Ratio Lower Upper
152 100
151 40.5 16.2 24.4#
153 103.1 10.8 16.2#



#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

Tgt Ion:153 Resp: 9910
Ion Ratio Lower Upper
153 100
152 58.7 41.8 62.8
154 80.9 69.0 103.6

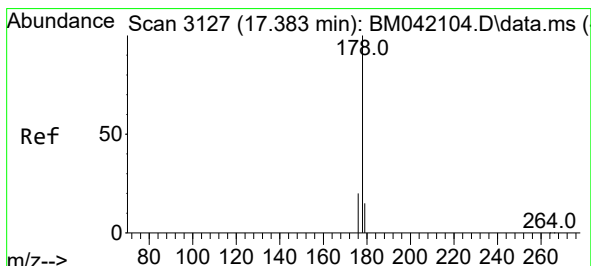
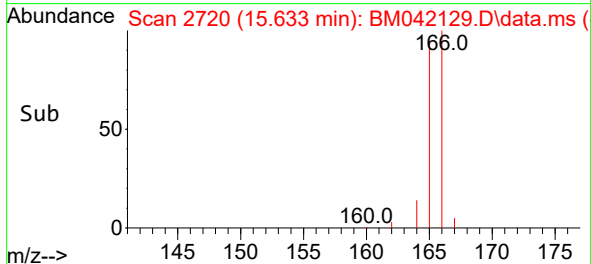
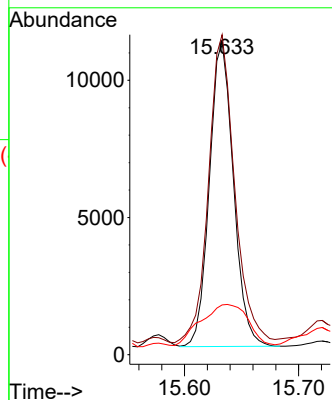
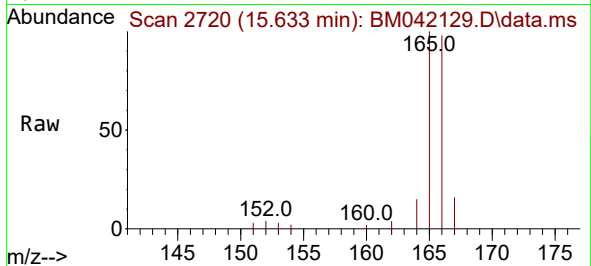




#12
Fluorene
Concen: 0.611 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

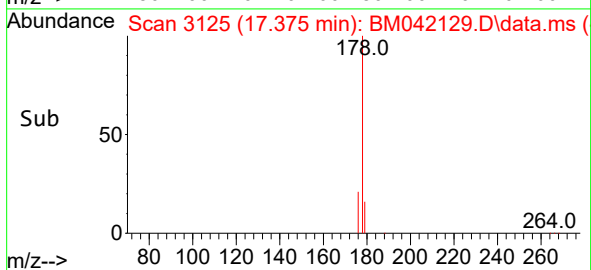
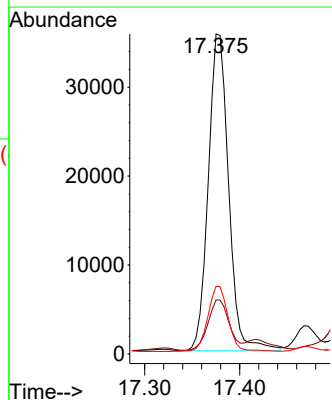
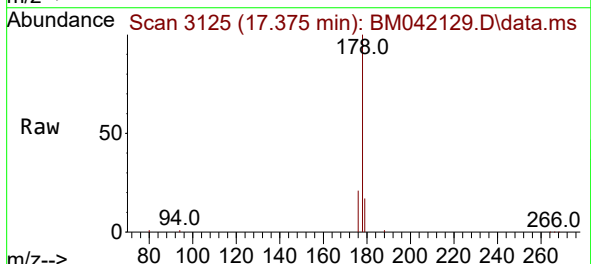
Instrument :
BNA_M
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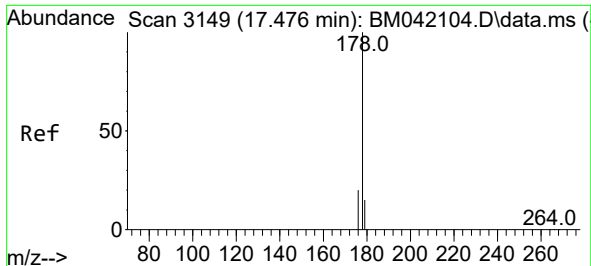
Tgt Ion:166 Resp: 16209
Ion Ratio Lower Upper
166 100
165 102.3 79.8 119.8
167 15.9 11.1 16.7



#15
Phenanthrene
Concen: 1.010 ng/ul
RT: 17.375 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BM042129.D
Acq: 28 Sep 2023 23:51

Tgt Ion:178 Resp: 53086
Ion Ratio Lower Upper
178 100
179 16.9 12.7 19.1
176 21.1 16.6 24.8

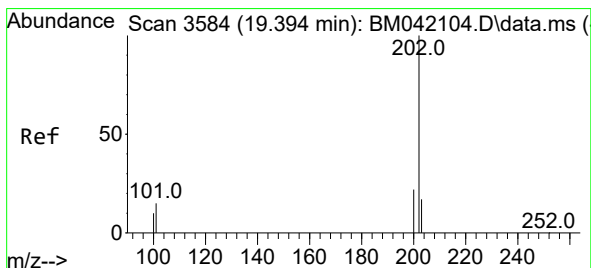
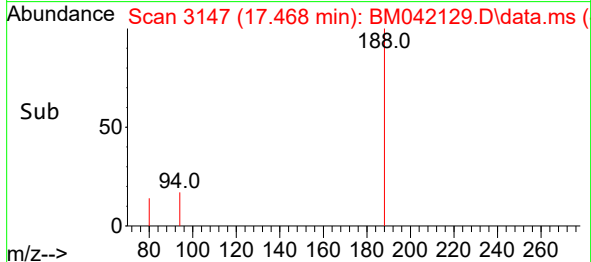
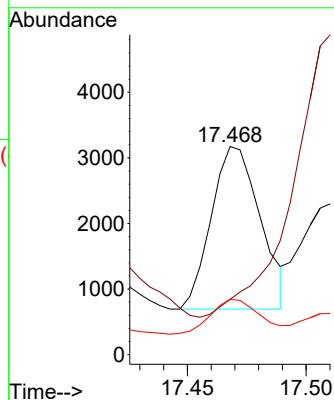
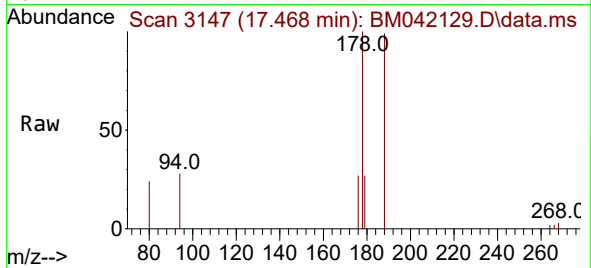




#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.468 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BM042129.D
 Acq: 28 Sep 2023 23:51

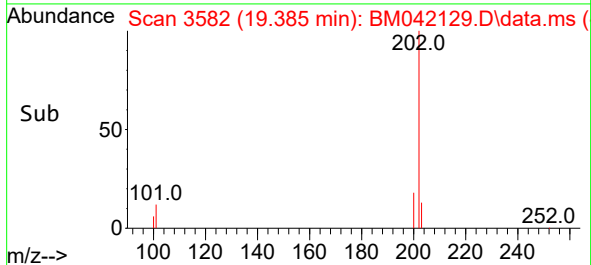
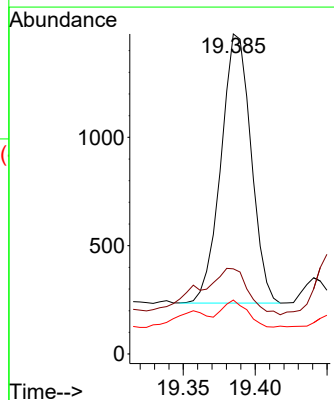
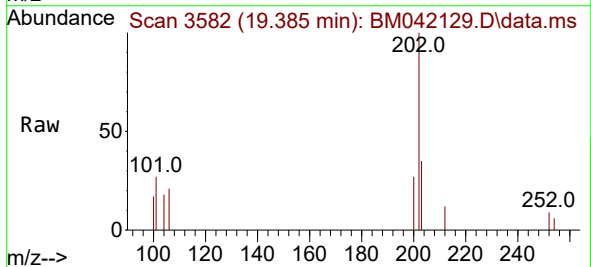
Instrument :
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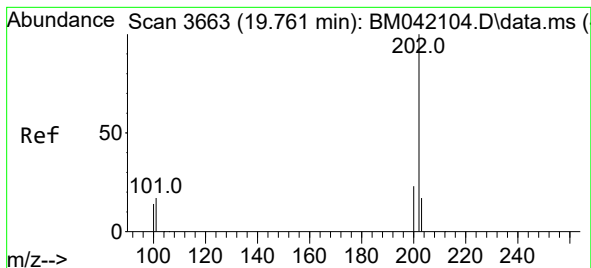
Tgt Ion:178 Resp: 3545
 Ion Ratio Lower Upper
 178 100
 179 26.6 12.9 19.3#
 176 26.6 16.2 24.2#



#19
 Fluoranthene
 Concen: 0.022 ng/ul
 RT: 19.385 min Scan# 3582
 Delta R.T. -0.005 min
 Lab File: BM042129.D
 Acq: 28 Sep 2023 23:51

Tgt Ion:202 Resp: 1805
 Ion Ratio Lower Upper
 202 100
 101 26.6 11.8 17.6#
 100 16.9 9.1 13.7#





#20

Pyrene

Concen: 0.089 ng/ul

RT: 19.752 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM042129.D

Acq: 28 Sep 2023 23:51

Instrument :

BNA_M

ClientSampleId :

BBK42DL

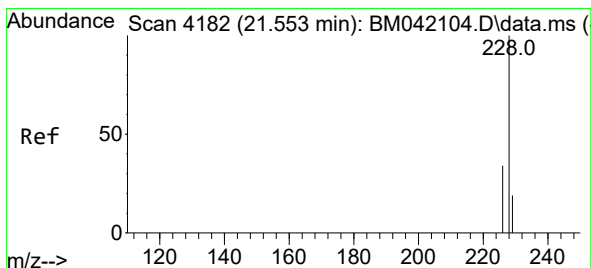
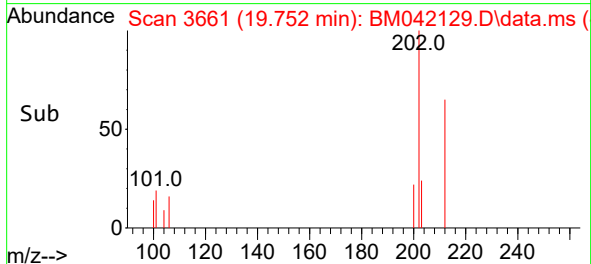
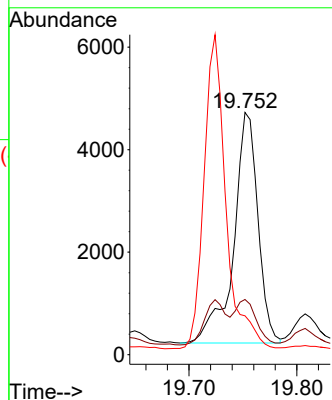
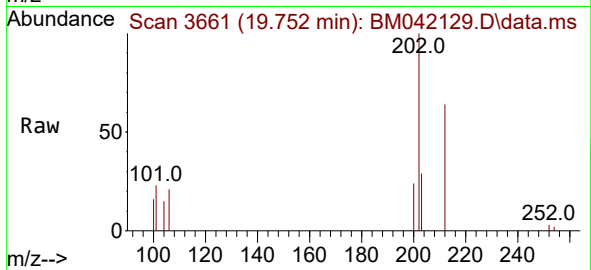
Tgt Ion:202 Resp: 7045

Ion Ratio Lower Upper

202 100

101 22.8 14.1 21.1#

100 16.1 11.4 17.0



#22

Chrysene

Concen: 0.022 ng/ul

RT: 21.545 min Scan# 4179

Delta R.T. -0.006 min

Lab File: BM042129.D

Acq: 28 Sep 2023 23:51

Tgt Ion:228 Resp: 1203

Ion Ratio Lower Upper

228 100

226 46.5 27.8 41.6#

229 46.3 15.6 23.4#

