

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038738.D
 Acq On : 14 Feb 2023 20:02
 Operator : CG/JU
 Sample : 01515-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-01-GW01

Quant Time: Feb 15 02:10:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

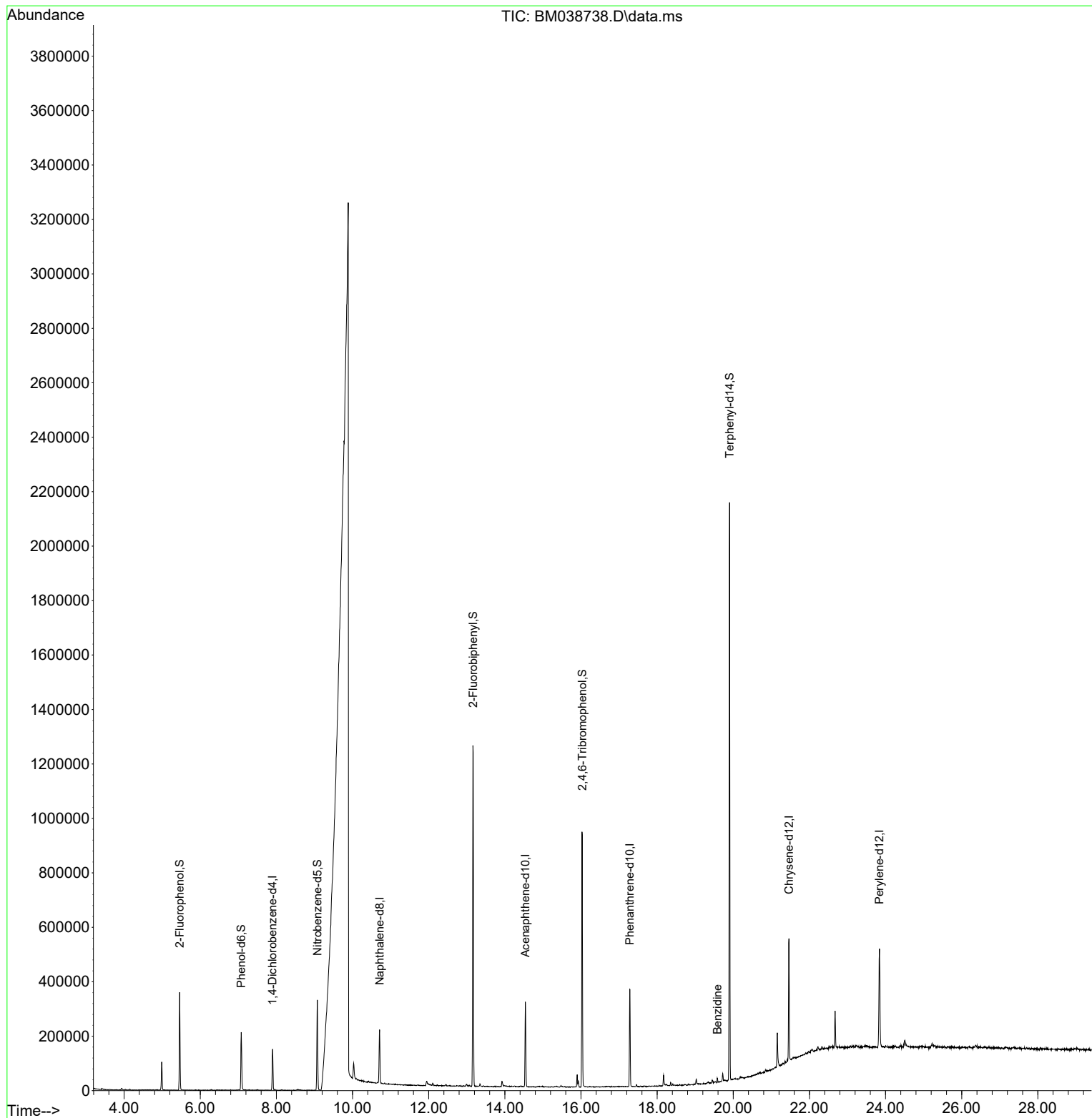
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	42443	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	164134	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	105150	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	214083	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	193408	20.000	ng	0.00
86) Perylene-d12	23.838	264	251099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	156147	72.068	ng	0.00
7) Phenol-d6	7.075	99	121698	49.248	ng	0.00
23) Nitrobenzene-d5	9.075	82	178473	61.763	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	166486	116.487	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	626526	75.856	ng	0.00
79) Terphenyl-d14	19.903	244	865124	78.935	ng	0.00
Target Compounds						
77) Benzidine	19.586	184	56	3.123	ng	# 1

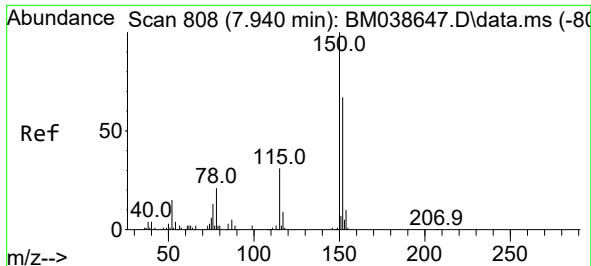
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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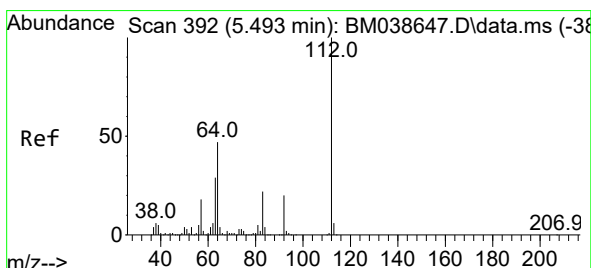
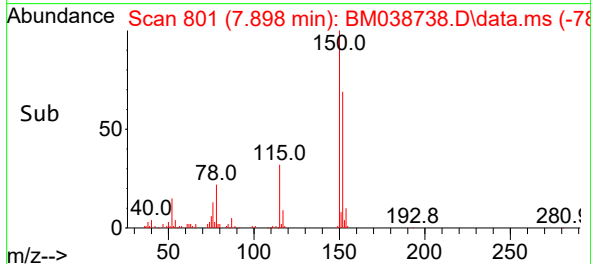
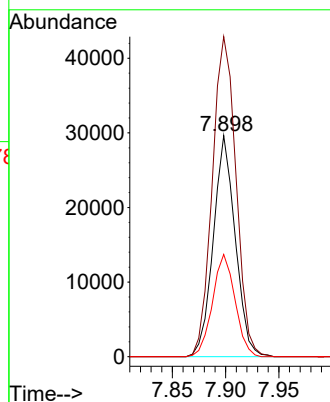
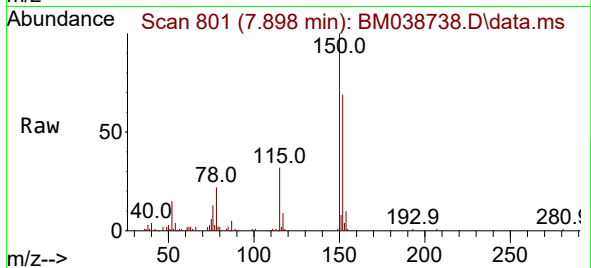




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

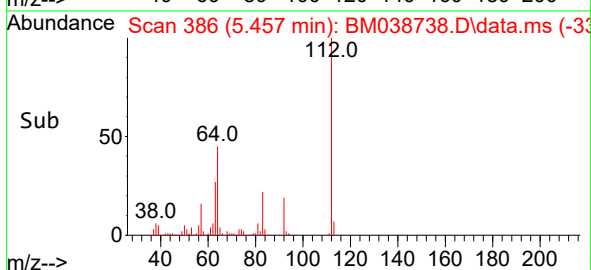
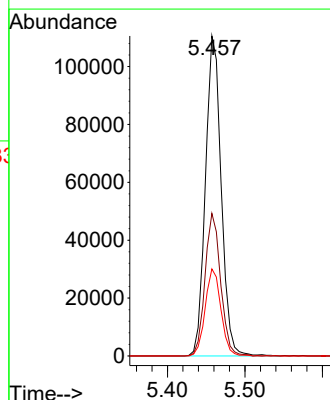
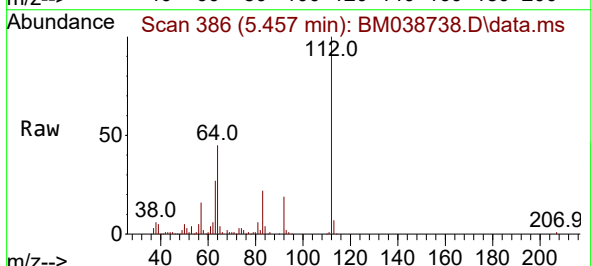
Instrument :
BNA_M
ClientSampleId :
B-01-GW01

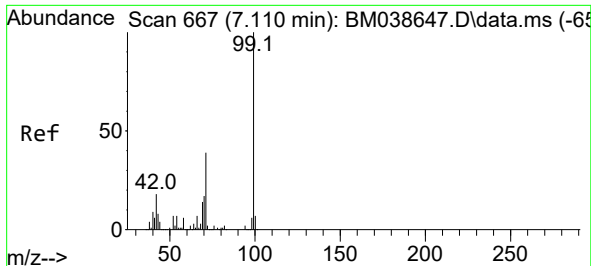
Tgt Ion:152 Resp: 42443
Ion Ratio Lower Upper
152 100
150 144.7 119.5 179.3
115 46.3 37.6 56.4



#5
2-Fluorophenol
Concen: 72.068 ng
RT: 5.457 min Scan# 386
Delta R.T. 0.000 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

Tgt Ion:112 Resp: 156147
Ion Ratio Lower Upper
112 100
64 44.6 37.9 56.9
63 27.2 23.3 34.9

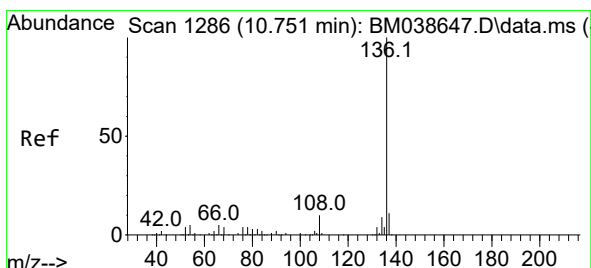
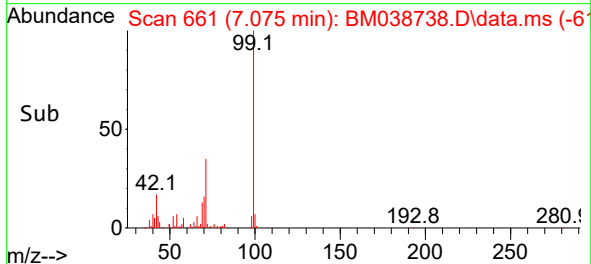
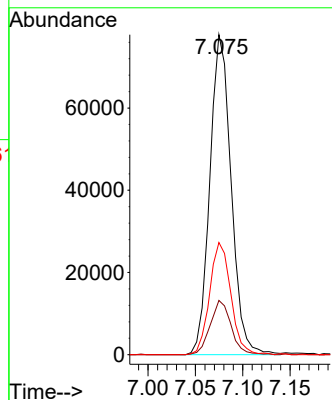
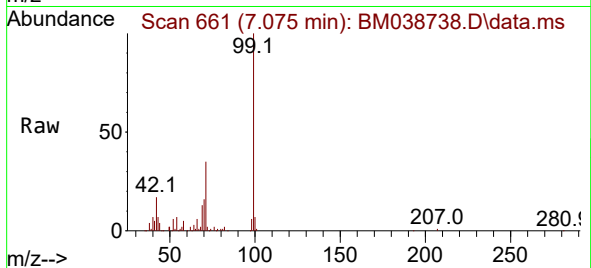




#7
Phenol-d6
Concen: 49.248 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

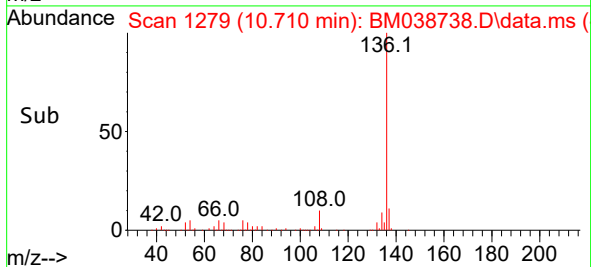
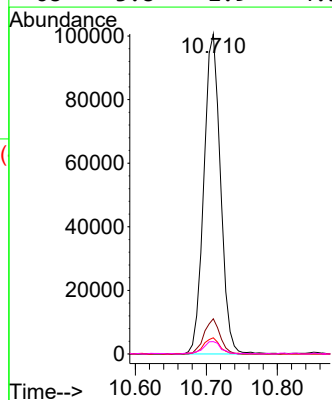
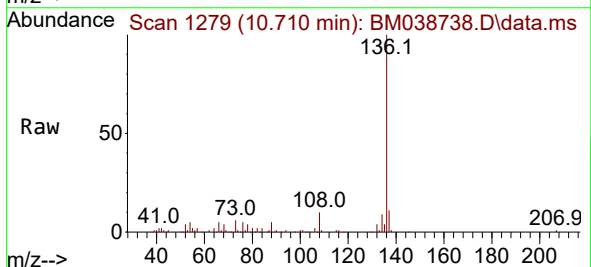
Instrument :
BNA_M
ClientSampleId :
B-01-GW01

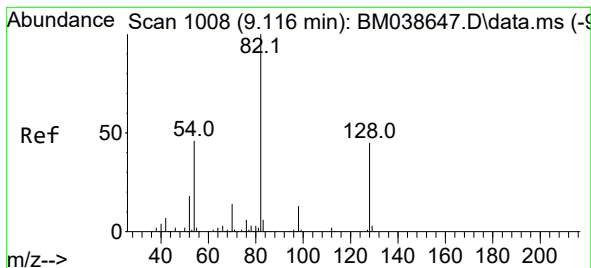
Tgt Ion: 99 Resp: 121698
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 35.0 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

Tgt Ion: 136 Resp: 164134
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.0 4.2 6.4
68 3.8 2.9 4.3





#23

Nitrobenzene-d5

Concen: 61.763 ng

RT: 9.075 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM038738.D

Acq: 14 Feb 2023 20:02

Instrument :

BNA_M

ClientSampleId :

B-01-GW01

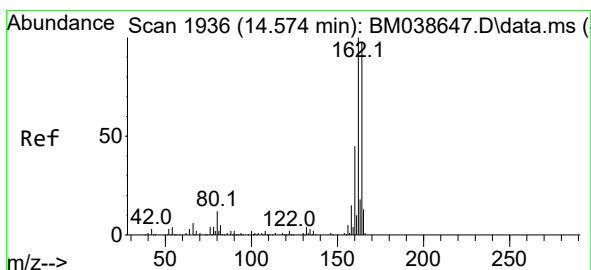
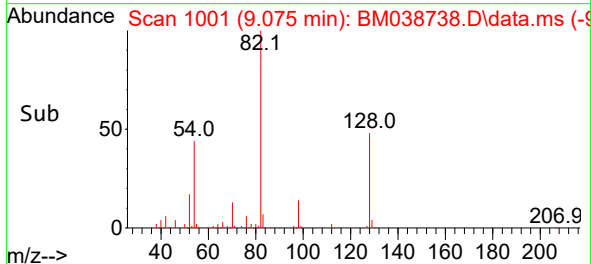
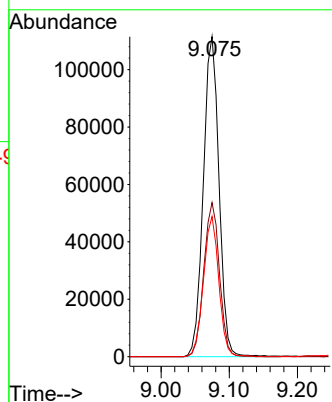
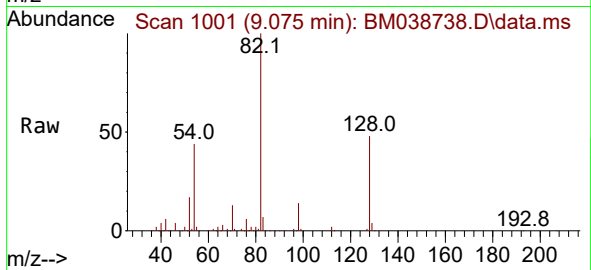
Tgt Ion: 82 Resp: 178473

Ion Ratio Lower Upper

82 100

128 48.2 36.0 54.0

54 43.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM038738.D

Acq: 14 Feb 2023 20:02

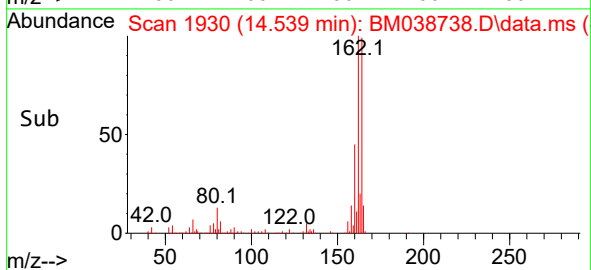
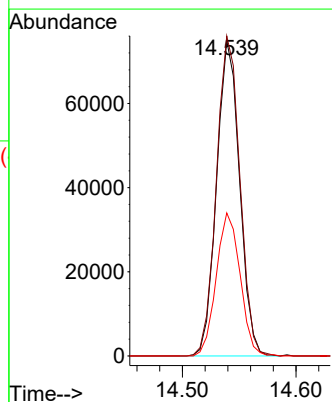
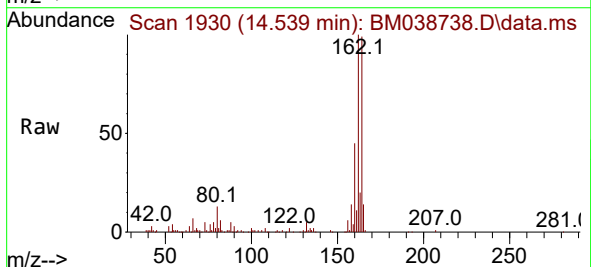
Tgt Ion:164 Resp: 105150

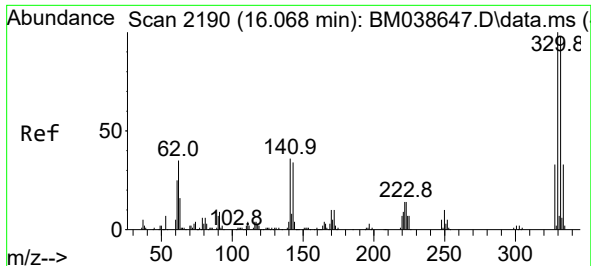
Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 45.4 36.5 54.7

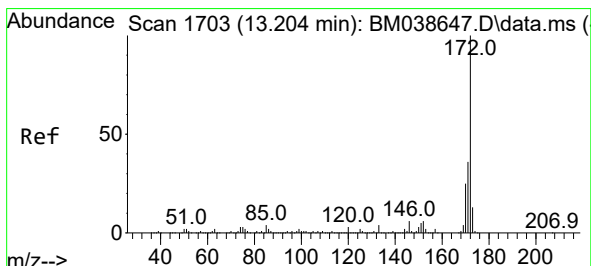
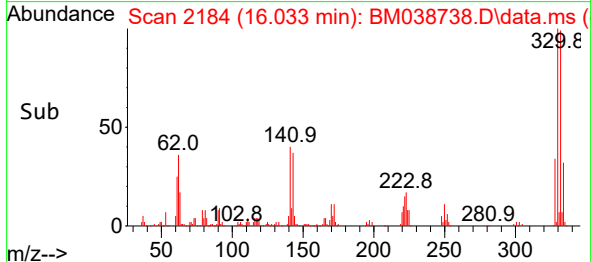
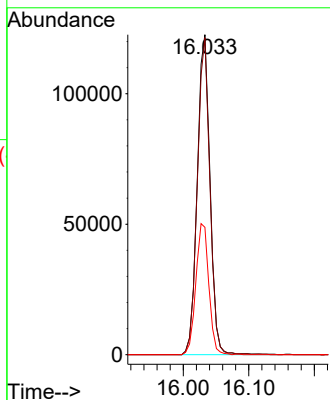
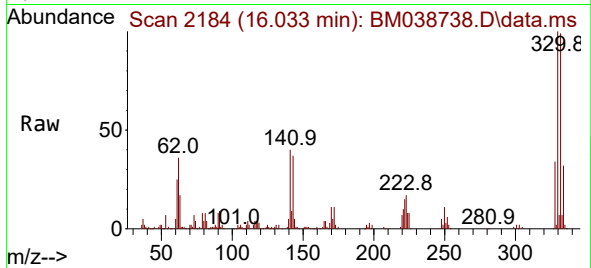




#42
2,4,6-Tribromophenol
Concen: 116.487 ng
RT: 16.033 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

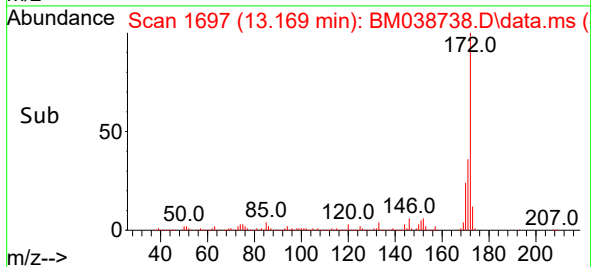
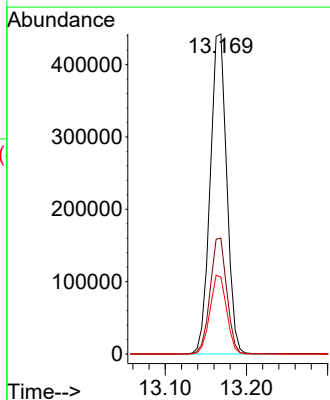
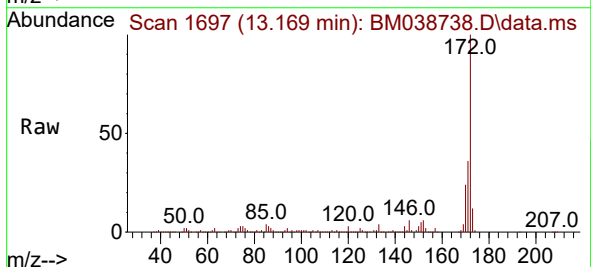
Instrument :
BNA_M
ClientSampleId :
B-01-GW01

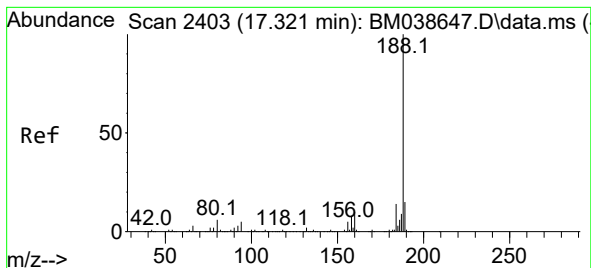
Tgt Ion:330 Resp: 166486
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 41.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 75.856 ng
RT: 13.169 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

Tgt Ion:172 Resp: 626526
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038738.D

Acq: 14 Feb 2023 20:02

Instrument :

BNA_M

ClientSampleId :

B-01-GW01

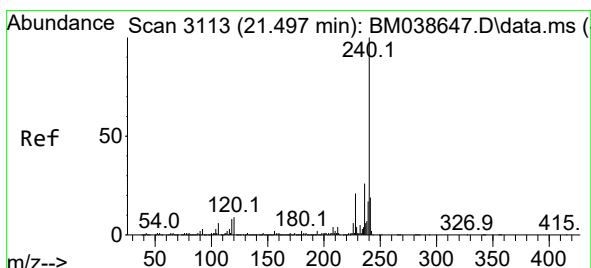
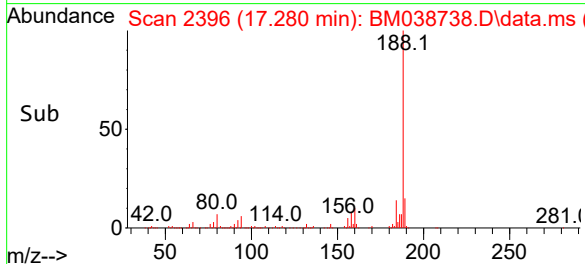
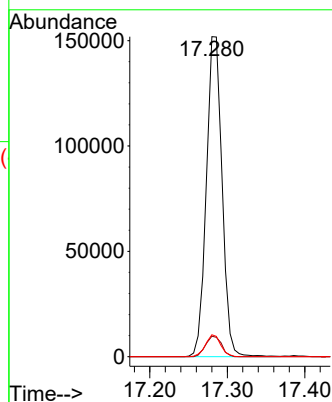
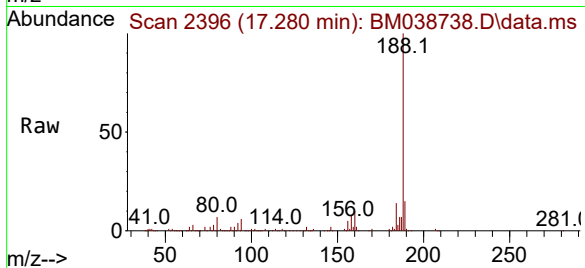
Tgt Ion:188 Resp: 214083

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

80 6.9 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM038738.D

Acq: 14 Feb 2023 20:02

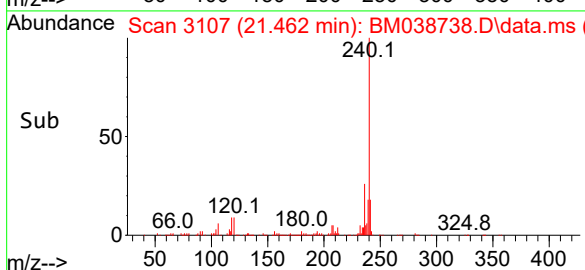
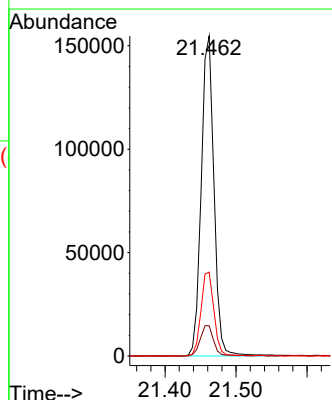
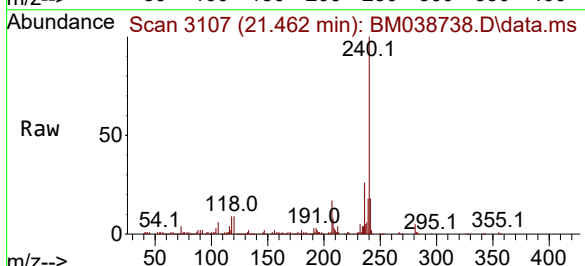
Tgt Ion:240 Resp: 193408

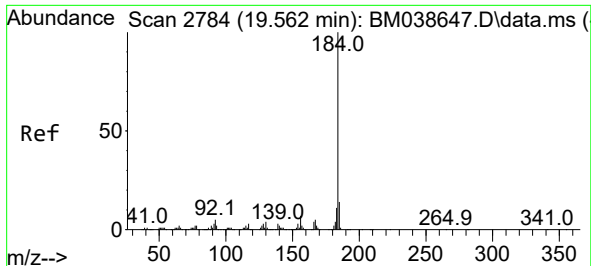
Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.4

236 26.2 20.9 31.3

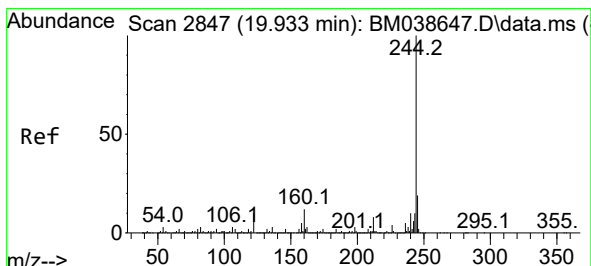
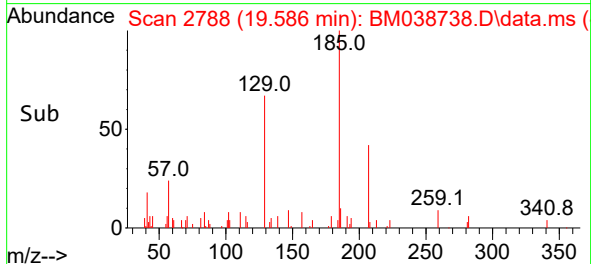
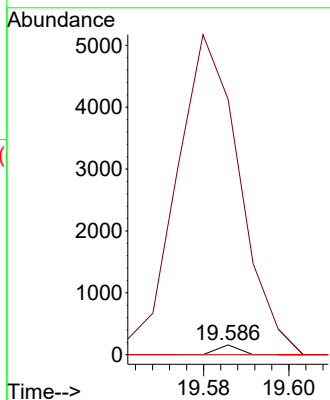
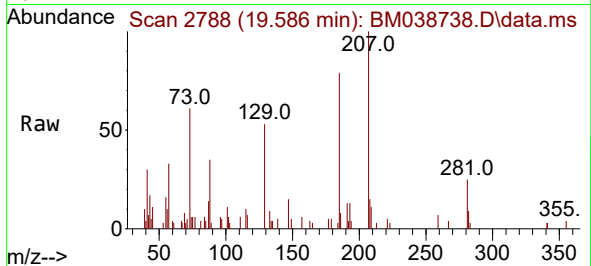




#77
Benzidine
Concen: 3.123 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.053 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

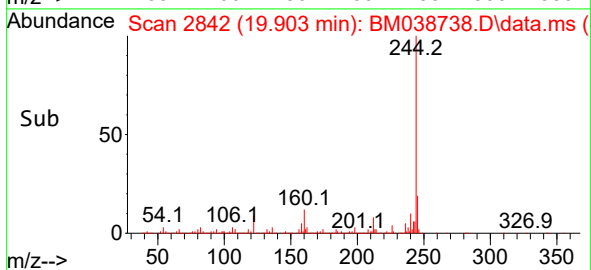
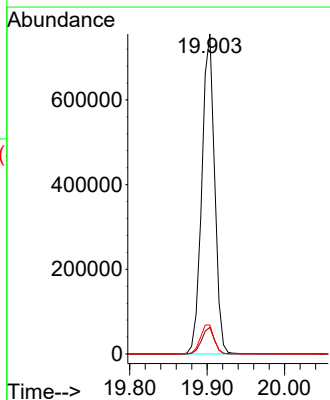
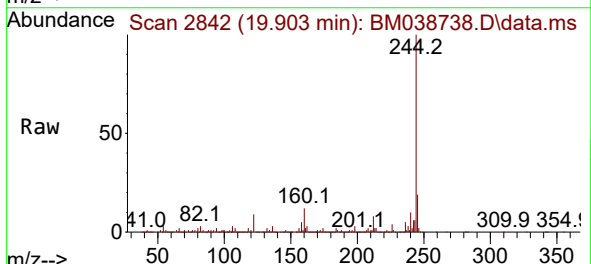
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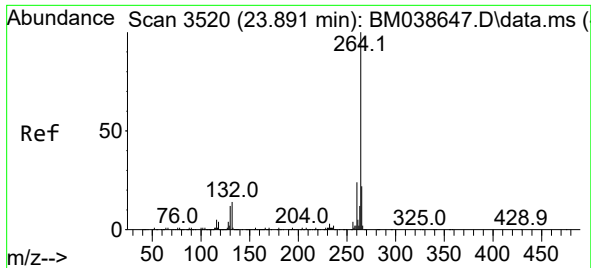
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
185 2612.0 10.8 16.2#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 78.935 ng
RT: 19.903 min Scan# 2842
Delta R.T. 0.000 min
Lab File: BM038738.D
Acq: 14 Feb 2023 20:02

Tgt Ion:244 Resp: 865124
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 9.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM038738.D
 Acq: 14 Feb 2023 20:02

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 251099
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 22.5 17.9 26.9

