

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040178.D
 Acq On : 09 Jun 2023 04:09
 Operator : MA/JU
 Sample : 03047-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-41

Quant Time: Jun 09 04:56:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

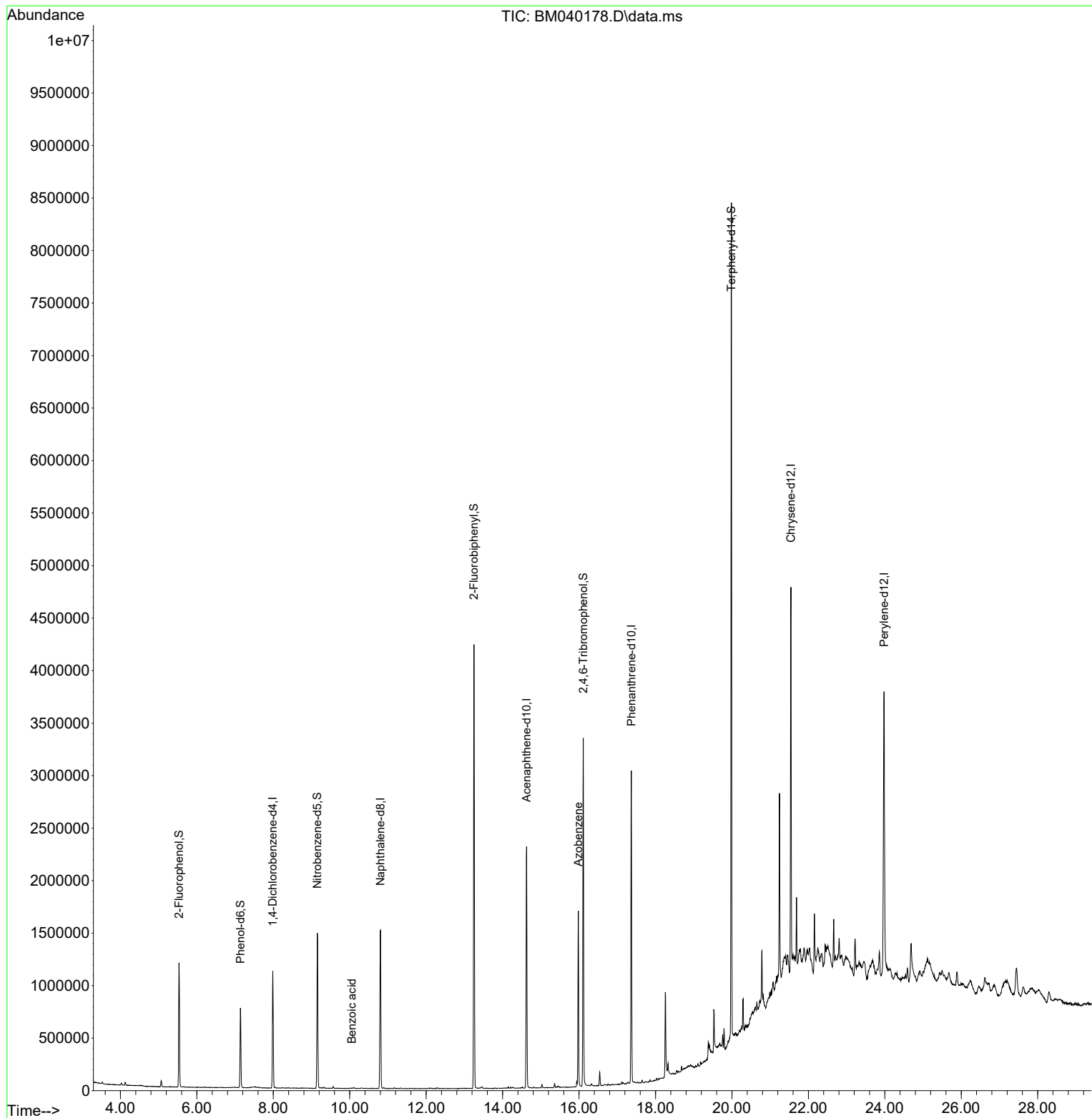
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	309905	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1316416	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	780113	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1682571	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1566761	20.000	ng	0.00
86) Perylene-d12	23.979	264	1915449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	555035	26.742	ng	0.00
7) Phenol-d6	7.139	99	455130	16.070	ng	0.00
23) Nitrobenzene-d5	9.151	82	834981	34.331	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	617598	52.619	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2090273	35.415	ng	0.00
79) Terphenyl-d14	19.986	244	3650542	42.951	ng	0.00
Target Compounds						
32) Benzoic acid	10.051	122	126	7.530	ng	# 1
63) Azobenzene	15.980	77	440076	7.332	ng	# 1

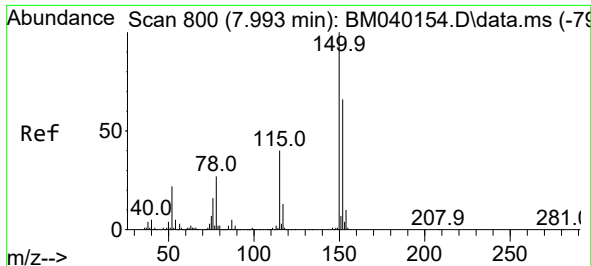
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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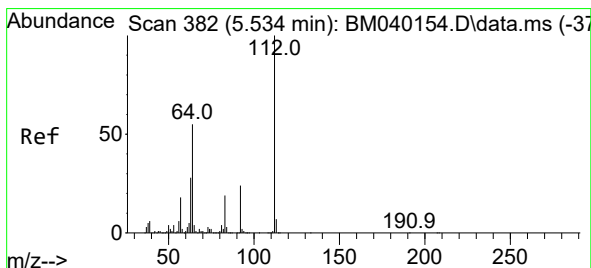
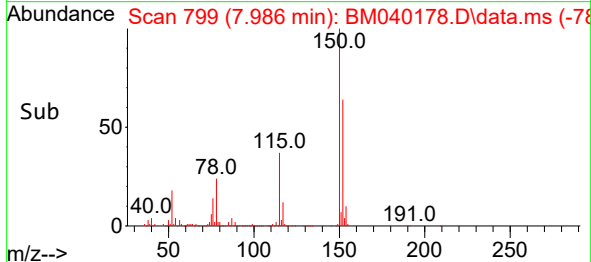
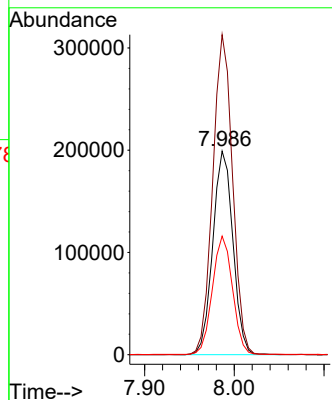
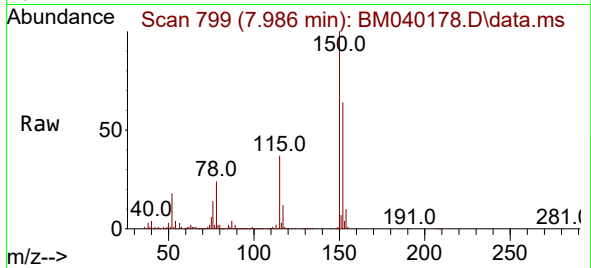




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 799
Delta R.T. -0.007 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

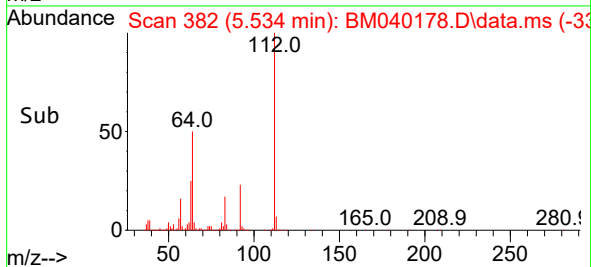
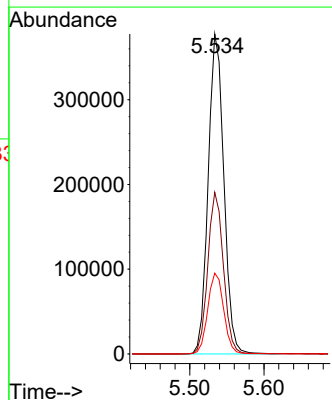
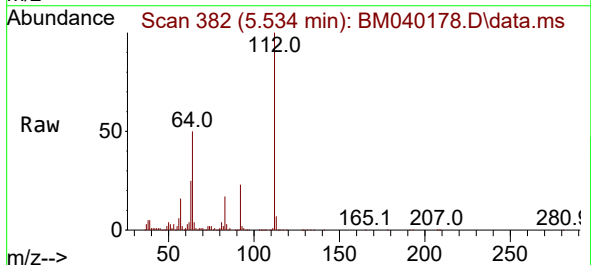
Instrument :
BNA_M
ClientSampleId :
MW-41

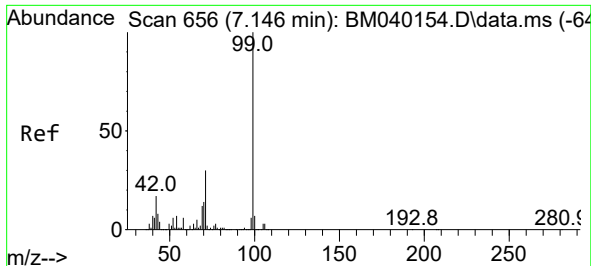
Tgt Ion:152 Resp: 309905
Ion Ratio Lower Upper
152 100
150 157.2 121.4 182.0
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 26.742 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

Tgt Ion:112 Resp: 555035
Ion Ratio Lower Upper
112 100
64 50.5 43.8 65.6
63 25.3 22.8 34.2

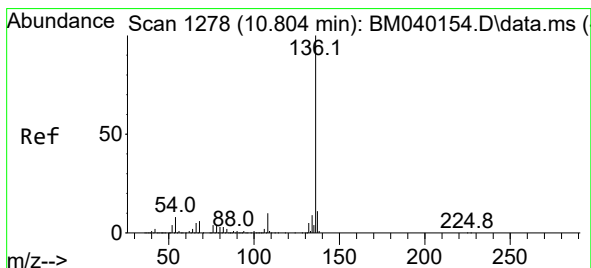
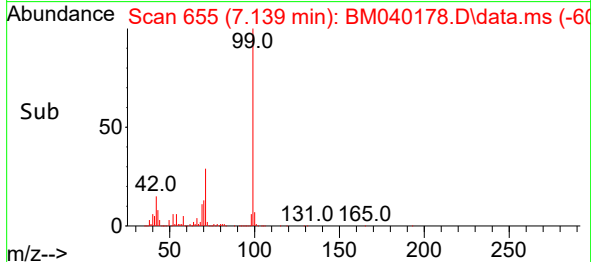
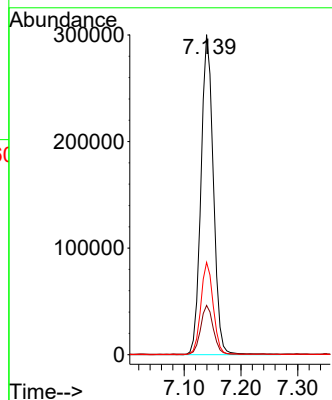
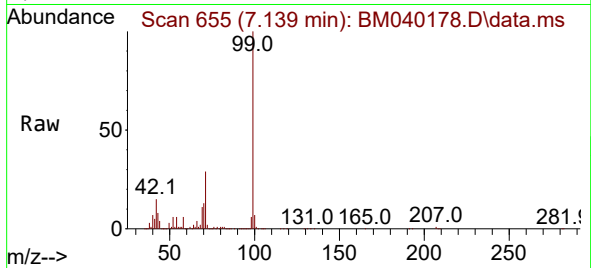




#7
Phenol-d6
Concen: 16.070 ng
RT: 7.139 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

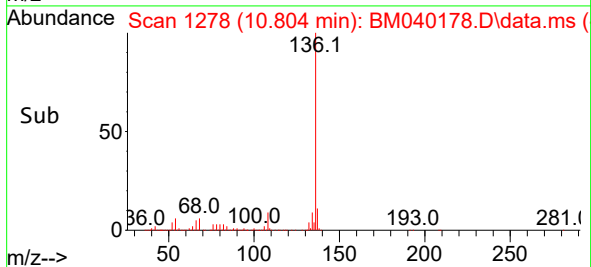
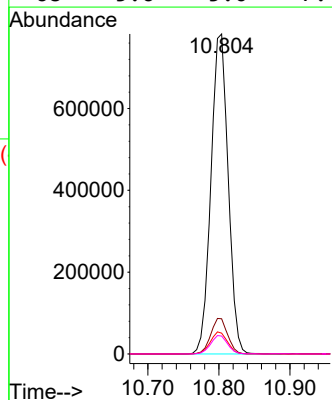
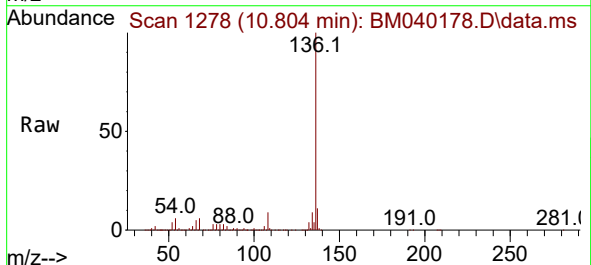
Instrument :
BNA_M
ClientSampleId :
MW-41

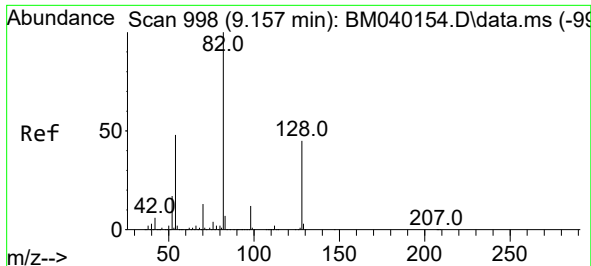
Tgt Ion: 99 Resp: 455130
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.2
71 28.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

Tgt Ion: 136 Resp: 1316416
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 6.2 9.4
68 5.6 5.0 7.4

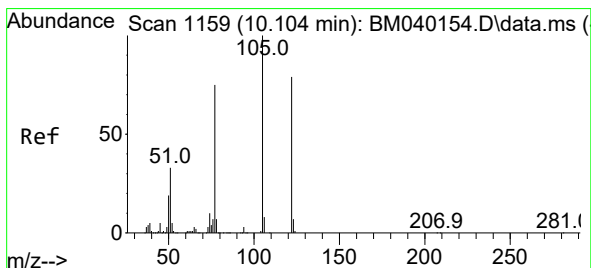
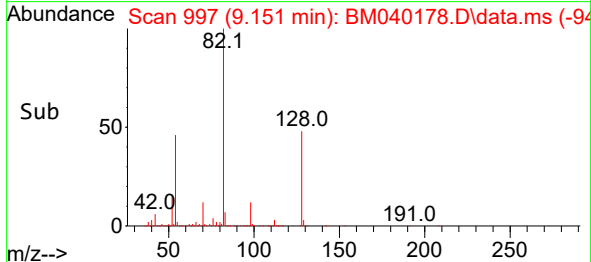
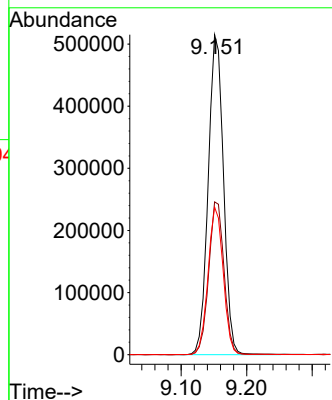
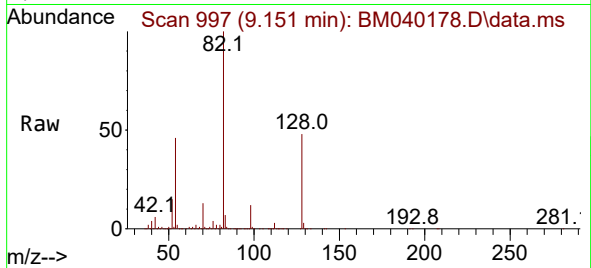




#23
Nitrobenzene-d5
Concen: 34.331 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

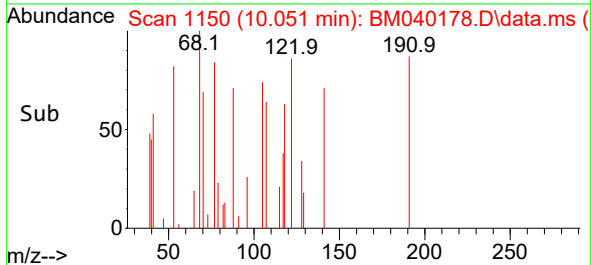
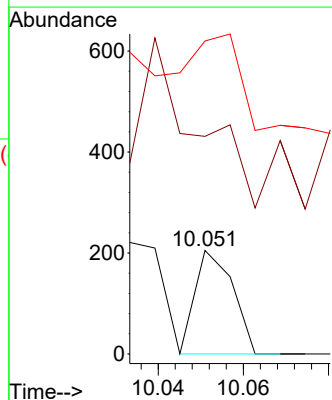
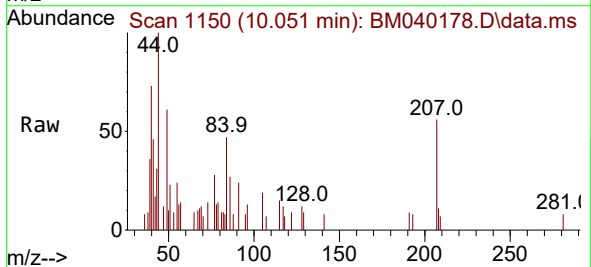
Instrument :
BNA_M
ClientSampleId :
MW-41

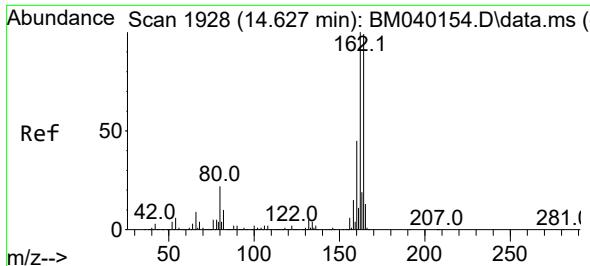
Tgt Ion: 82 Resp: 834981
Ion Ratio Lower Upper
82 100
128 47.8 36.0 54.0
54 46.1 38.5 57.7



#32
Benzoic acid
Concen: 7.530 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.053 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

Tgt Ion: 122 Resp: 126
Ion Ratio Lower Upper
122 100
105 210.2 102.7 142.7#
77 302.4 73.9 113.9#

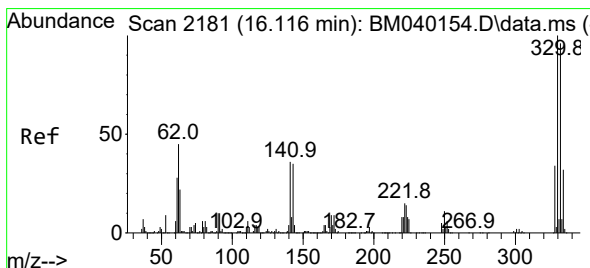
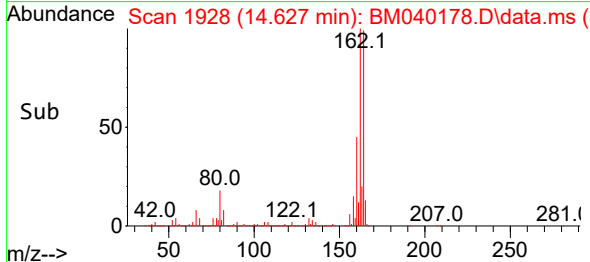
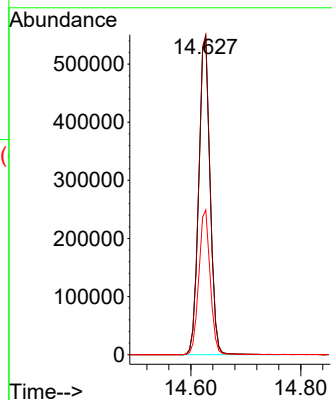
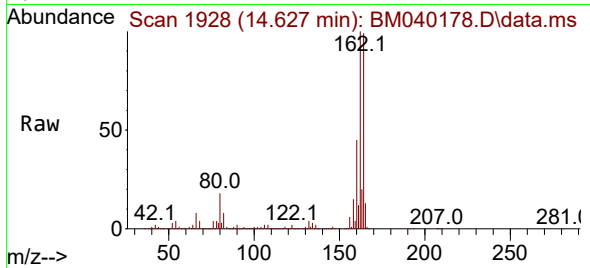




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

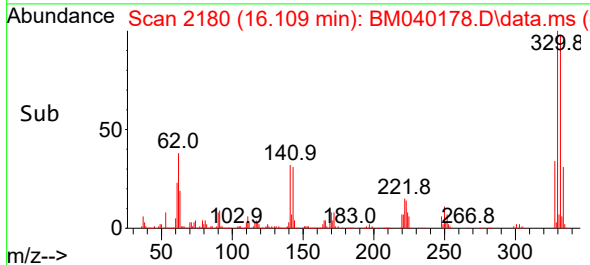
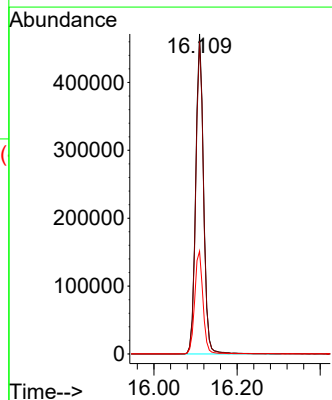
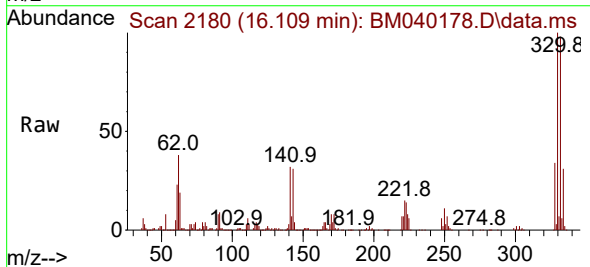
Instrument :
BNA_M
ClientSampleId :
MW-41

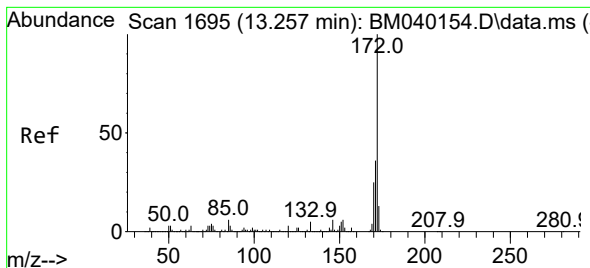
Tgt Ion:164 Resp: 780113
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 45.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 52.619 ng
RT: 16.109 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BM040178.D
Acq: 09 Jun 2023 04:09

Tgt Ion:330 Resp: 617598
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 34.0 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 35.415 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040178.D

Acq: 09 Jun 2023 04:09

Instrument :

BNA_M

ClientSampleId :

MW-41

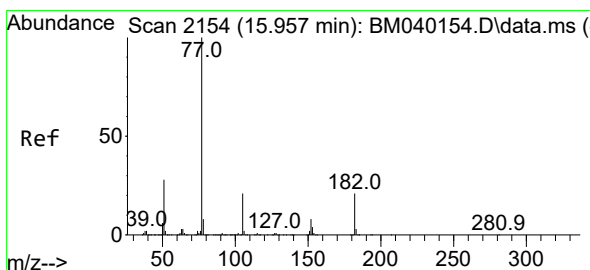
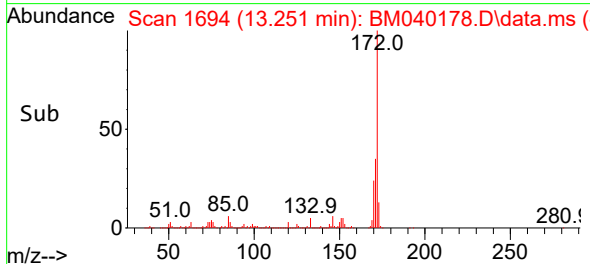
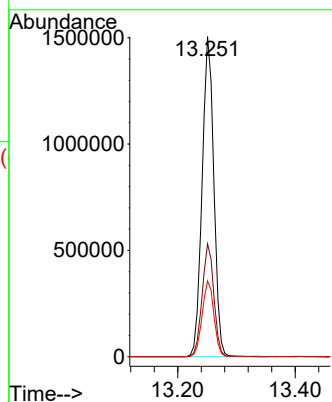
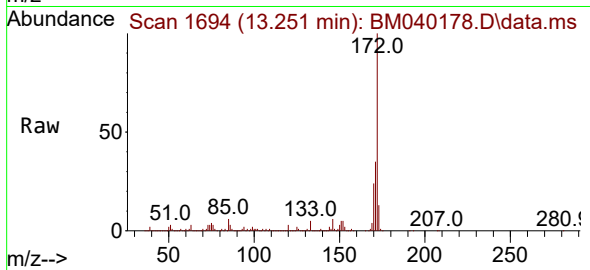
Tgt Ion:172 Resp: 2090273

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 19.8 29.6



#63

Azobenzene

Concen: 7.332 ng

RT: 15.980 min Scan# 2158

Delta R.T. 0.023 min

Lab File: BM040178.D

Acq: 09 Jun 2023 04:09

Tgt Ion: 77 Resp: 440076

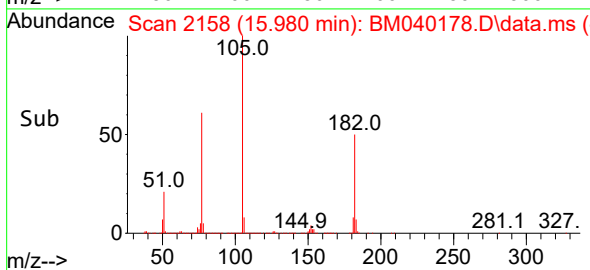
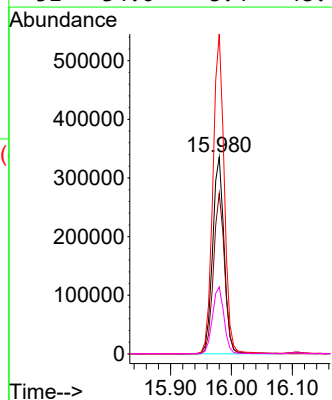
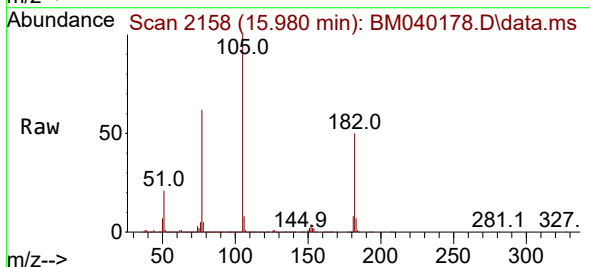
Ion Ratio Lower Upper

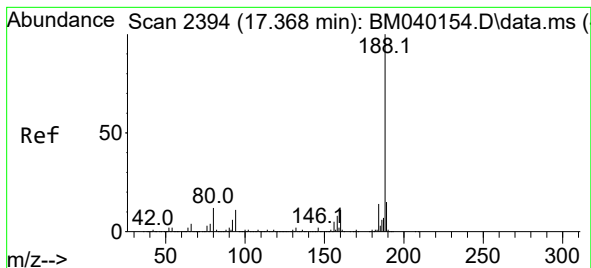
77 100

182 81.6 1.1 41.1#

105 162.5 1.1 41.1#

51 34.0 8.4 48.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040178.D

Acq: 09 Jun 2023 04:09

Instrument :

BNA_M

ClientSampleId :

MW-41

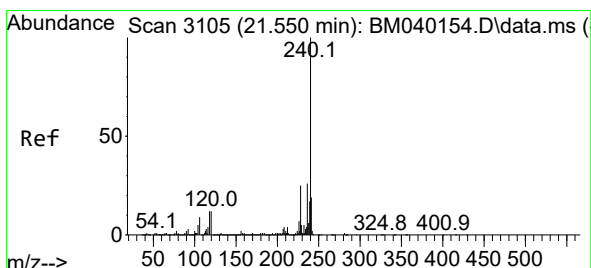
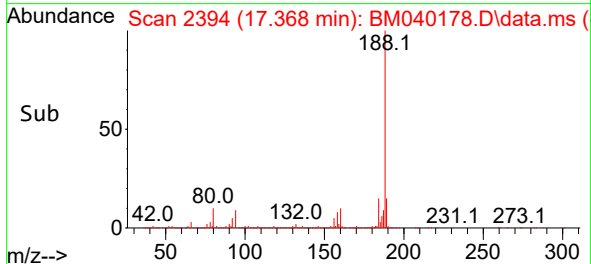
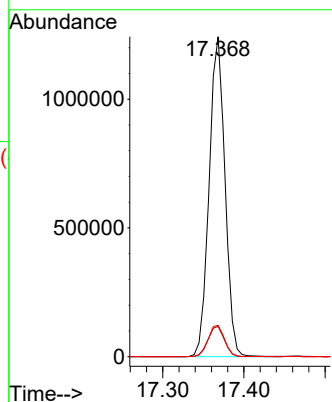
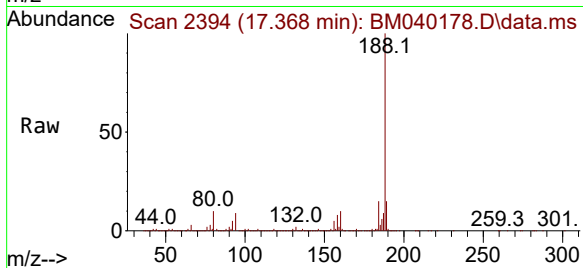
Tgt Ion:188 Resp: 1682571

Ion Ratio Lower Upper

188 100

94 9.4 8.9 13.3

80 9.8 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040178.D

Acq: 09 Jun 2023 04:09

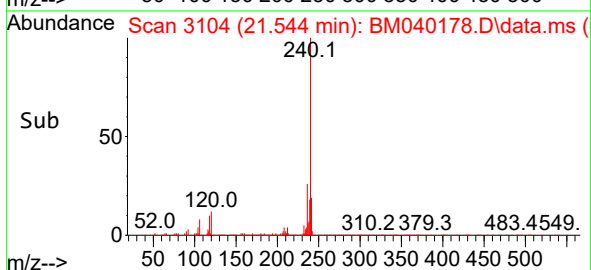
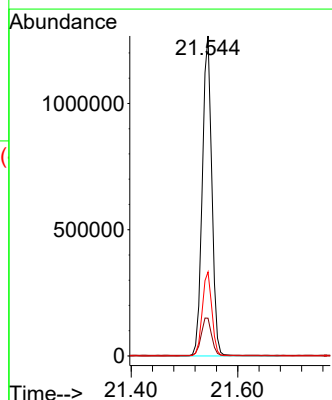
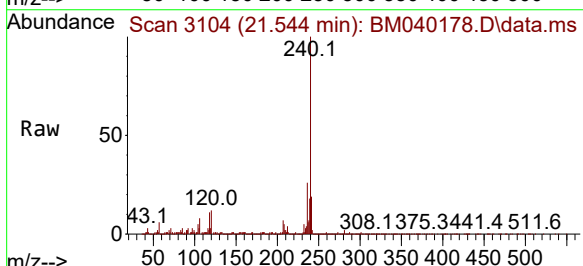
Tgt Ion:240 Resp: 1566761

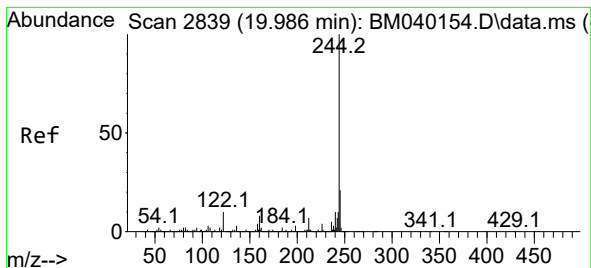
Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 42.951 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040178.D

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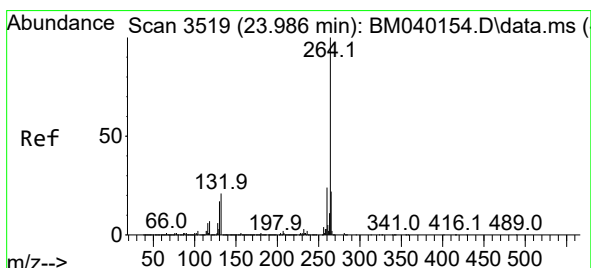
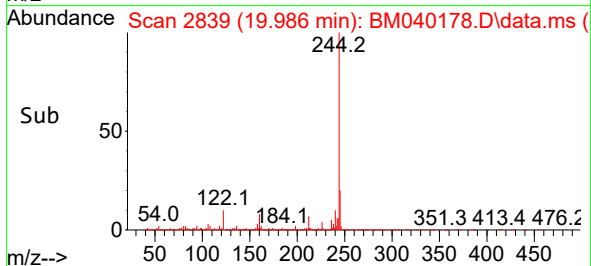
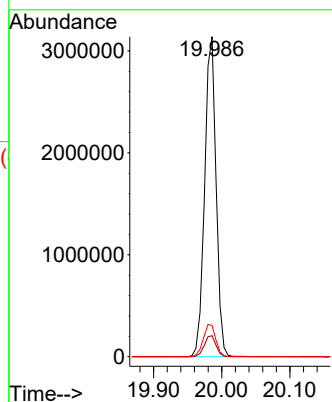
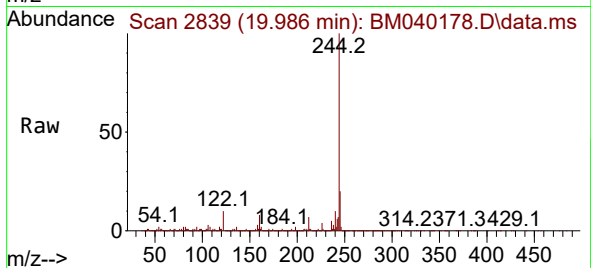
Tgt Ion:244 Resp: 3650542

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.979 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM040178.D

Acq: 09 Jun 2023 04:09

Tgt Ion:264 Resp: 1915449

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.8 17.7 26.5

