

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039259.D
 Acq On : 31 Mar 2023 18:46
 Operator : CG/JU
 Sample : 02140-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01

Quant Time: Apr 01 05:21:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	226266	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	887889	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	504588	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	994922	20.000	ng	0.00
76) Chrysene-d12	21.492	240	836092	20.000	ng	0.00
86) Perylene-d12	23.903	264	991305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	827447	55.096	ng	0.00
7) Phenol-d6	7.081	99	596987	30.733	ng	0.00
23) Nitrobenzene-d5	9.087	82	1651648	90.410	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	836162	130.543	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3415928	91.724	ng	0.00
79) Terphenyl-d14	19.933	244	4035993	89.185	ng	0.00

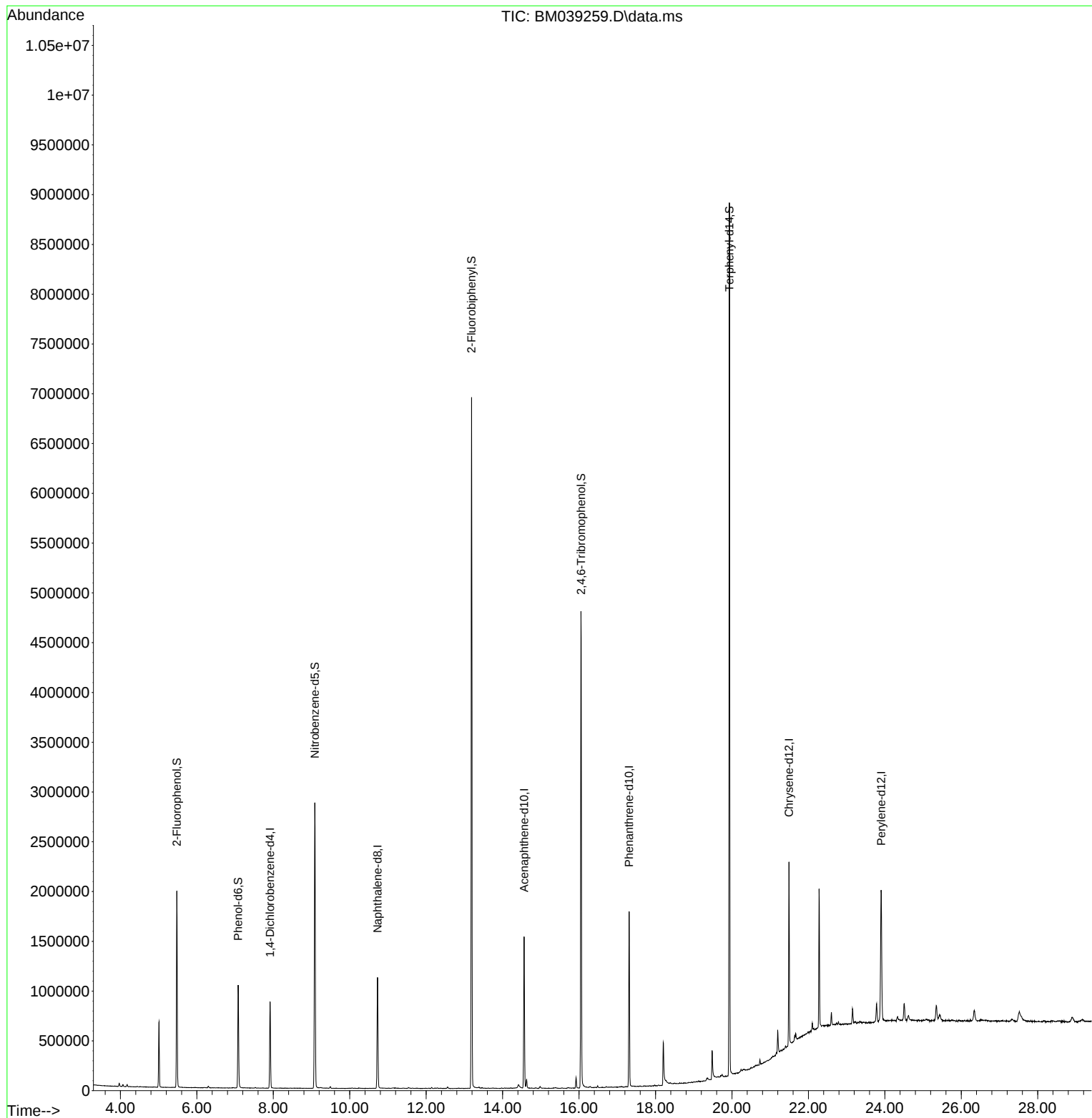
Target Compounds	Qvalue

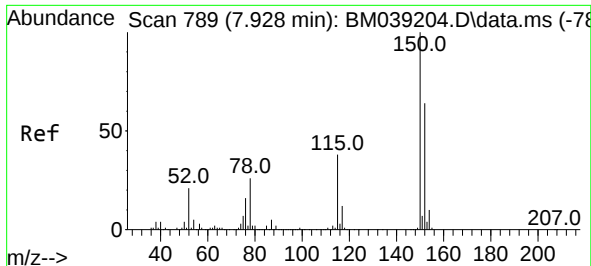
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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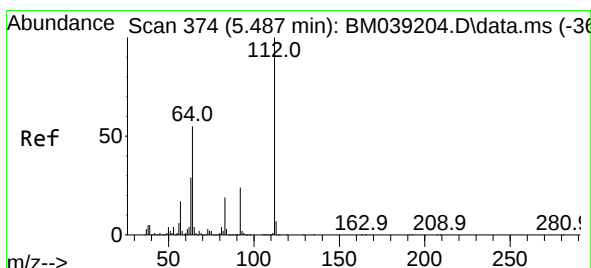
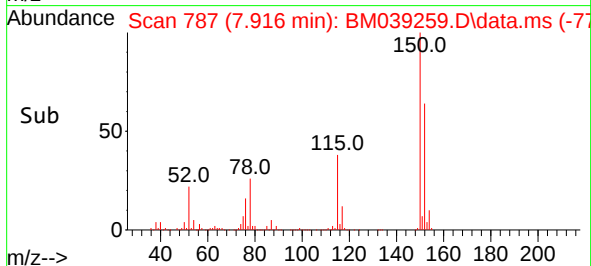
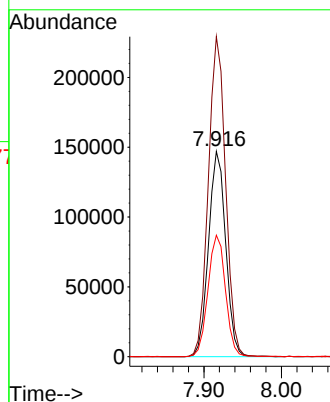
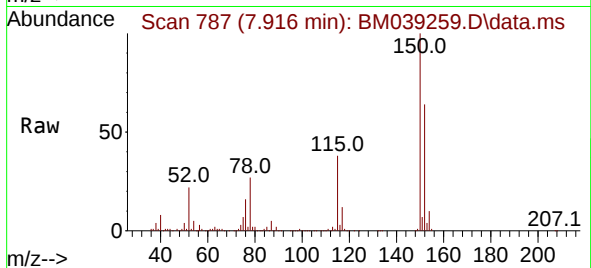




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM039259.D
Acq: 31 Mar 2023 18:46

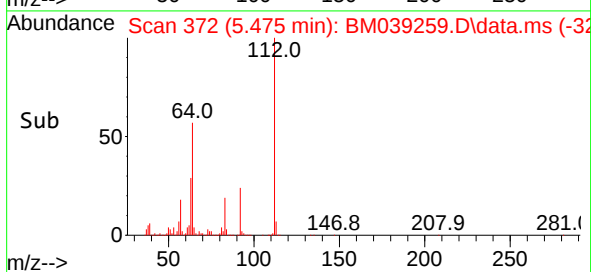
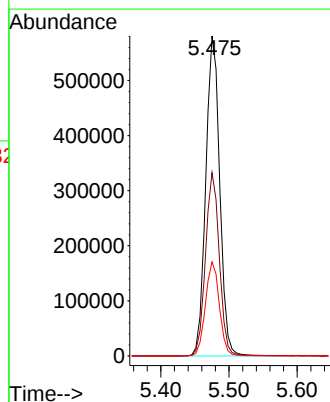
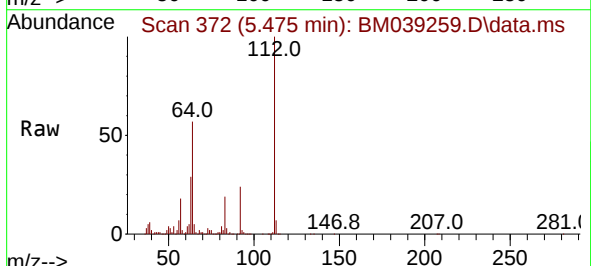
Instrument :
BNA_M
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 226266
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 59.1 48.1 72.1



#5
2-Fluorophenol
Concen: 55.096 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039259.D
Acq: 31 Mar 2023 18:46

Tgt Ion:112 Resp: 827447
Ion Ratio Lower Upper
112 100
64 57.3 44.3 66.5
63 29.4 23.0 34.6

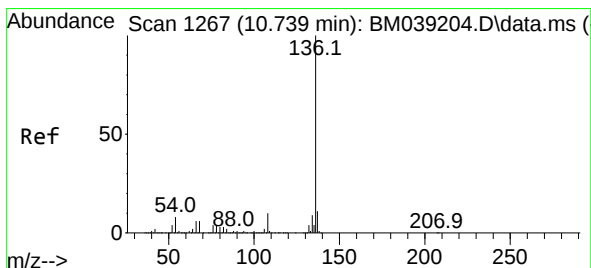
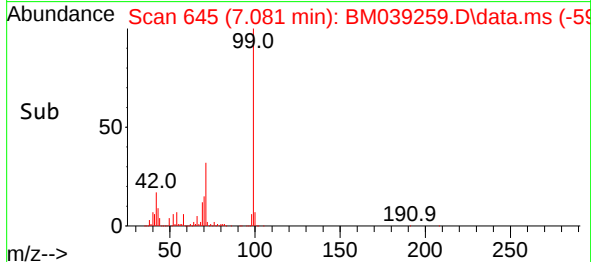
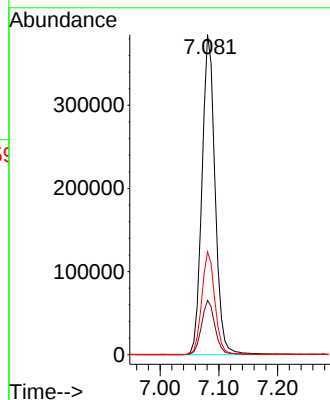
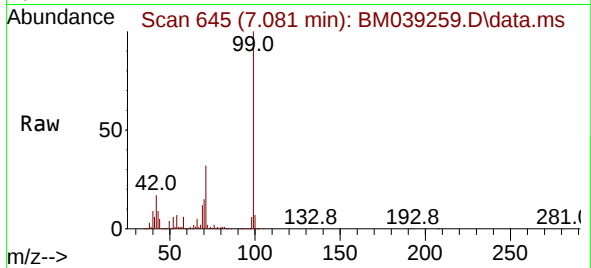




#7
Phenol-d6
Concen: 30.733 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039259.D
Acq: 31 Mar 2023 18:46

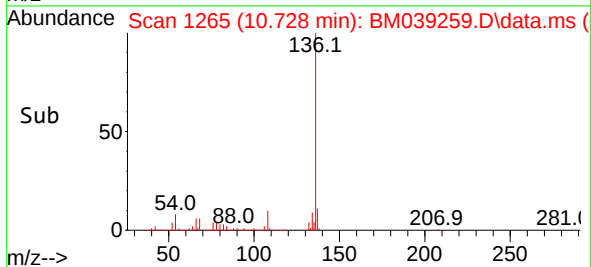
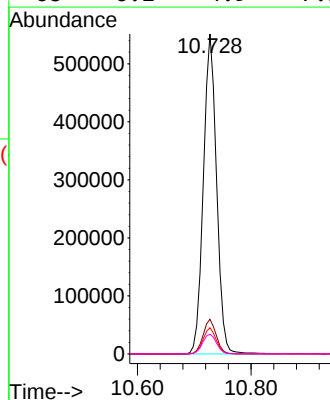
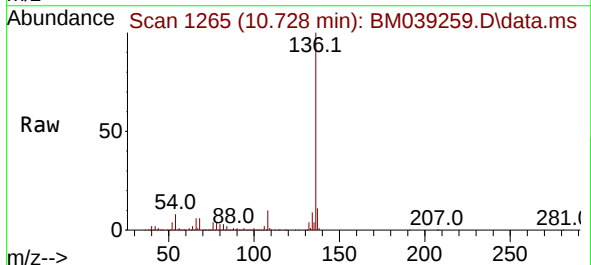
Instrument :
BNA_M
ClientSampleId :
MW-01

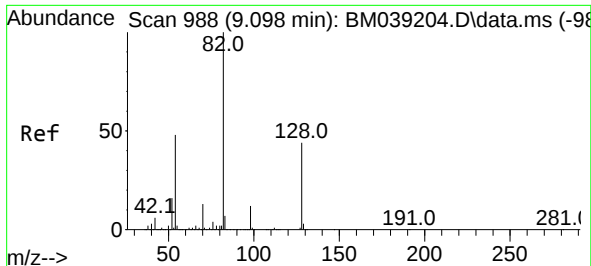
Tgt Ion: 99 Resp: 596987
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 32.2 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039259.D
Acq: 31 Mar 2023 18:46

Tgt Ion: 136 Resp: 887889
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.2 9.4
68 6.2 4.9 7.3

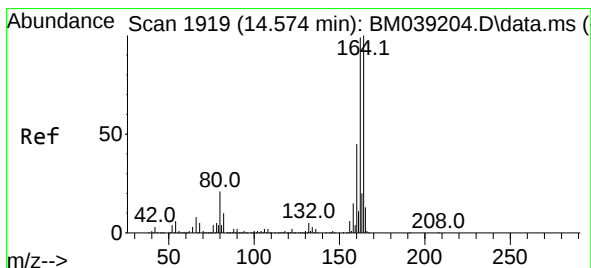
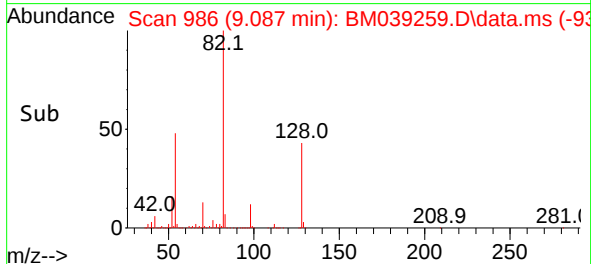
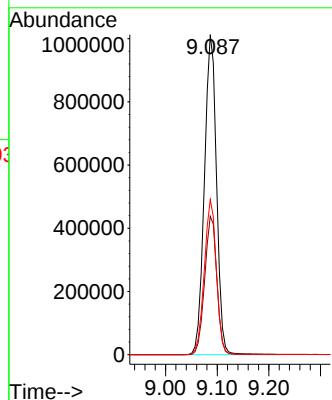
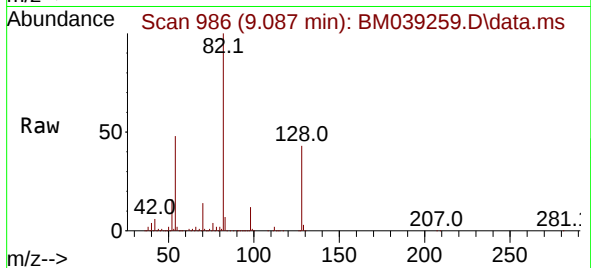




#23
Nitrobenzene-d5
Concen: 90.410 ng
RT: 9.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039259.D
Acq: 31 Mar 2023 18:46

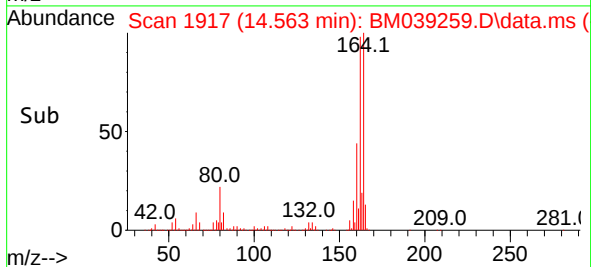
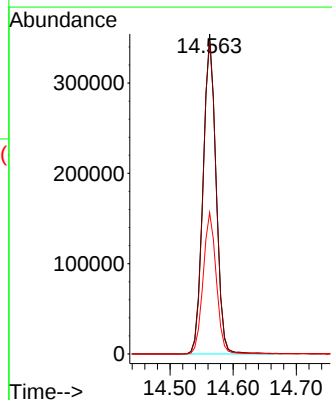
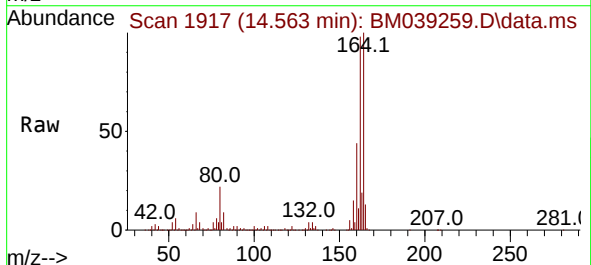
Instrument :
BNA_M
ClientSampleId :
MW-01

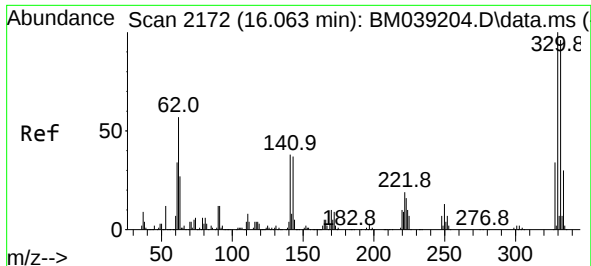
Tgt Ion: 82 Resp: 1651648
Ion Ratio Lower Upper
82 100
128 43.2 35.1 52.7
54 48.5 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039259.D
Acq: 31 Mar 2023 18:46

Tgt Ion: 164 Resp: 504588
Ion Ratio Lower Upper
164 100
162 97.7 79.1 118.7
160 44.1 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 130.543 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039259.D

Acq: 31 Mar 2023 18:46

Instrument :

BNA_M

ClientSampleId :

MW-01

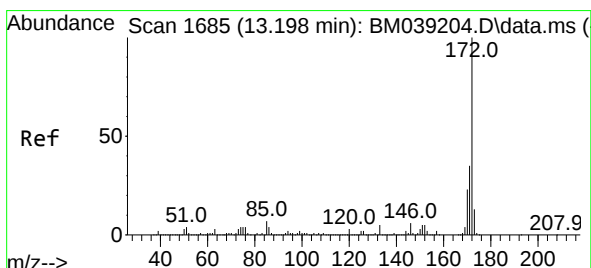
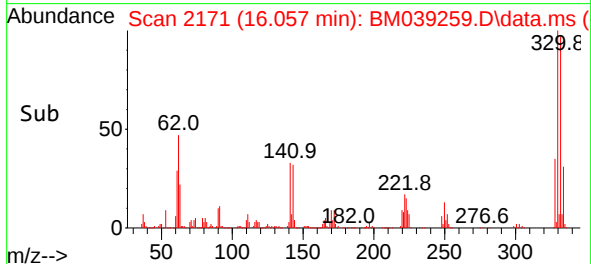
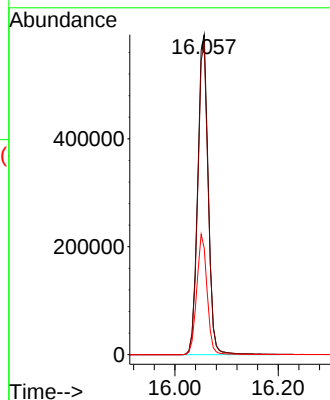
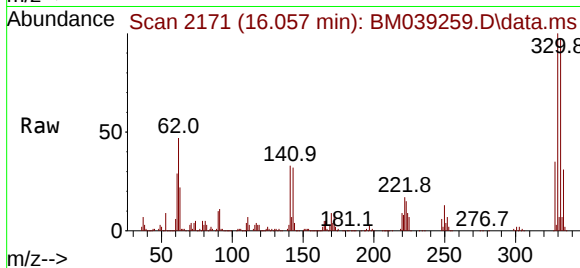
Tgt Ion:330 Resp: 836162

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 37.1 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 91.724 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039259.D

Acq: 31 Mar 2023 18:46

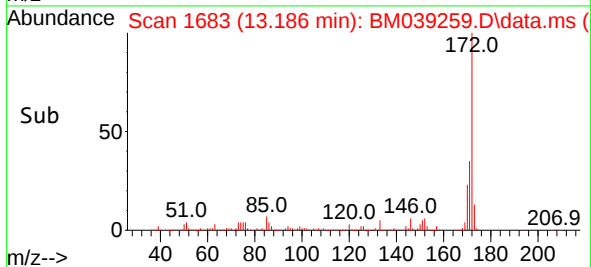
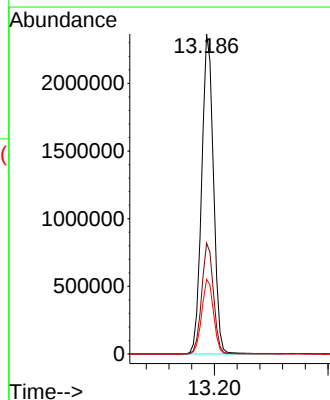
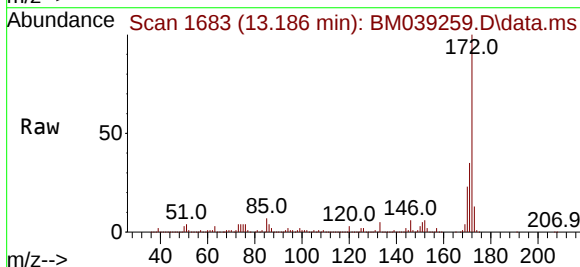
Tgt Ion:172 Resp: 3415928

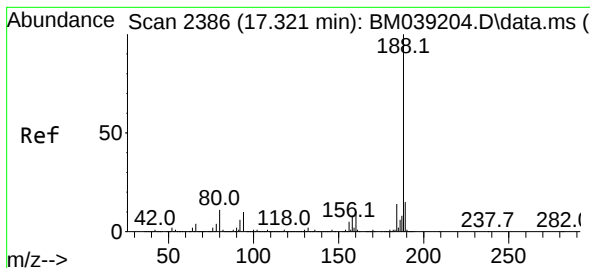
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039259.D

Acq: 31 Mar 2023 18:46

Instrument :

BNA_M

ClientSampleId :

MW-01

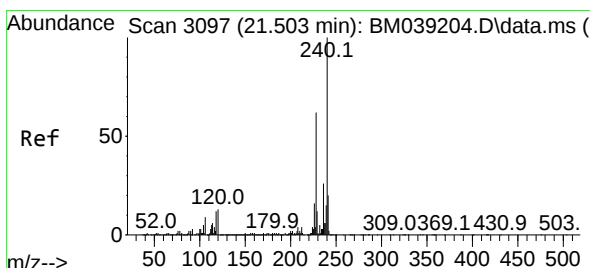
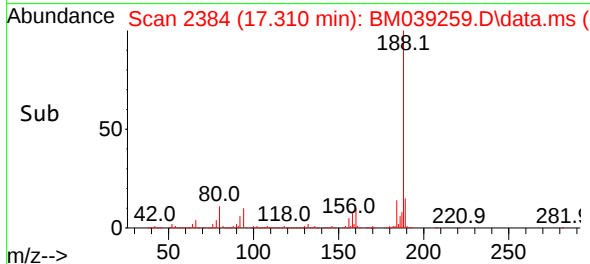
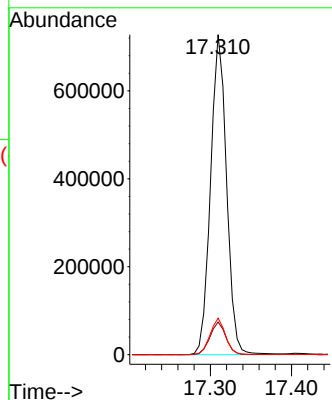
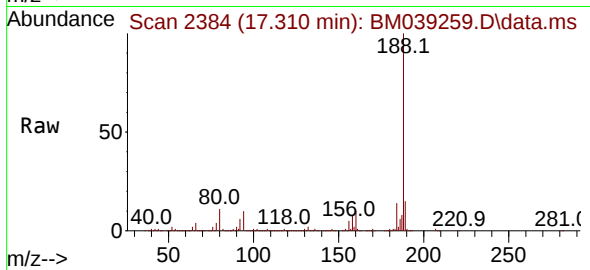
Tgt Ion:188 Resp: 994922

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

80 11.4 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039259.D

Acq: 31 Mar 2023 18:46

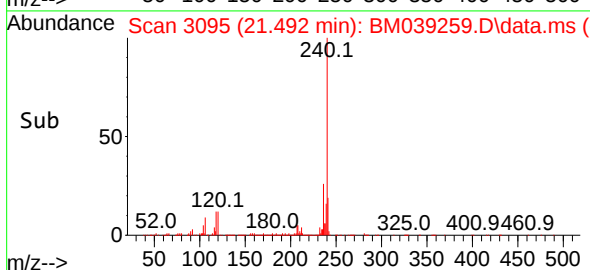
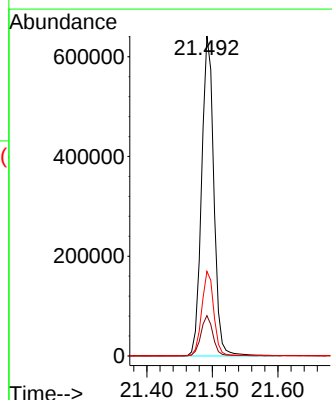
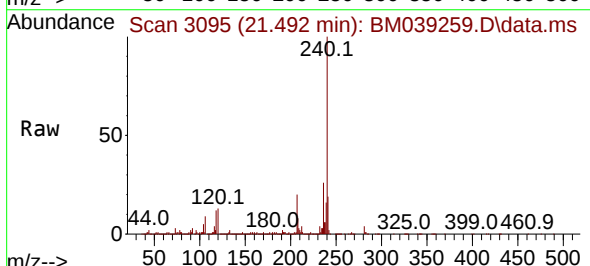
Tgt Ion:240 Resp: 836092

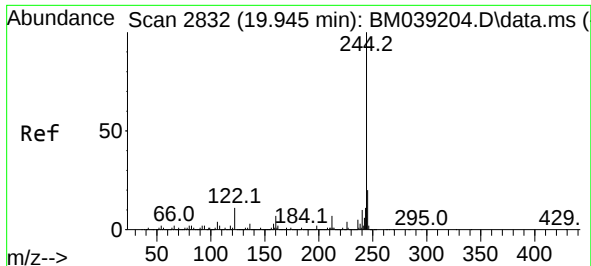
Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.2

236 26.4 20.9 31.3

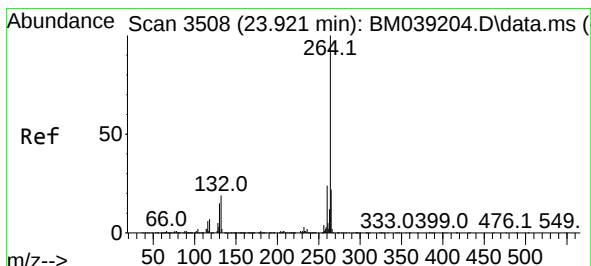
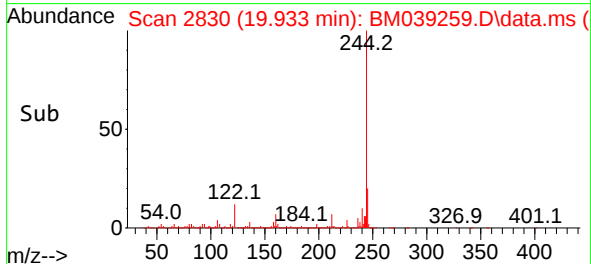
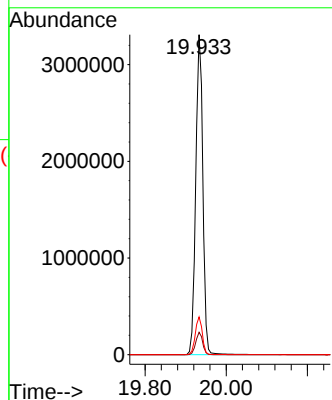
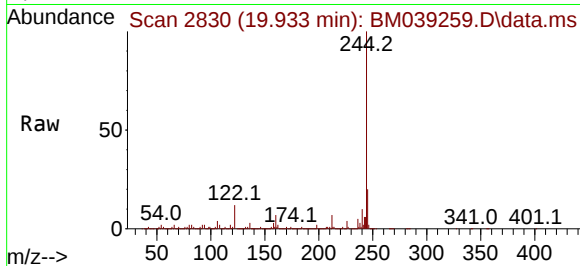




#79
 Terphenyl-d14
 Concen: 89.185 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039259.D
 Acq: 31 Mar 2023 18:46

Instrument :
 BNA_M
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 4035993
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039259.D
 Acq: 31 Mar 2023 18:46

Tgt Ion:264 Resp: 991305
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.4 18.1 27.1

