

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039373.D
 Acq On : 10 Apr 2023 12:09
 Operator : CG/JU
 Sample : 02140-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

Quant Time: Apr 11 02:08:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 02:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	185387	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	719518	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	411510	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	836902	20.000	ng	0.00
76) Chrysene-d12	21.456	240	775991	20.000	ng	0.00
86) Perylene-d12	23.845	264	873792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	537190	43.656	ng	0.00
7) Phenol-d6	7.040	99	392042	24.633	ng	0.00
23) Nitrobenzene-d5	9.040	82	1503969	101.591	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	487725	93.367	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3085120	101.579	ng	0.00
79) Terphenyl-d14	19.898	244	4341779	103.373	ng	0.00

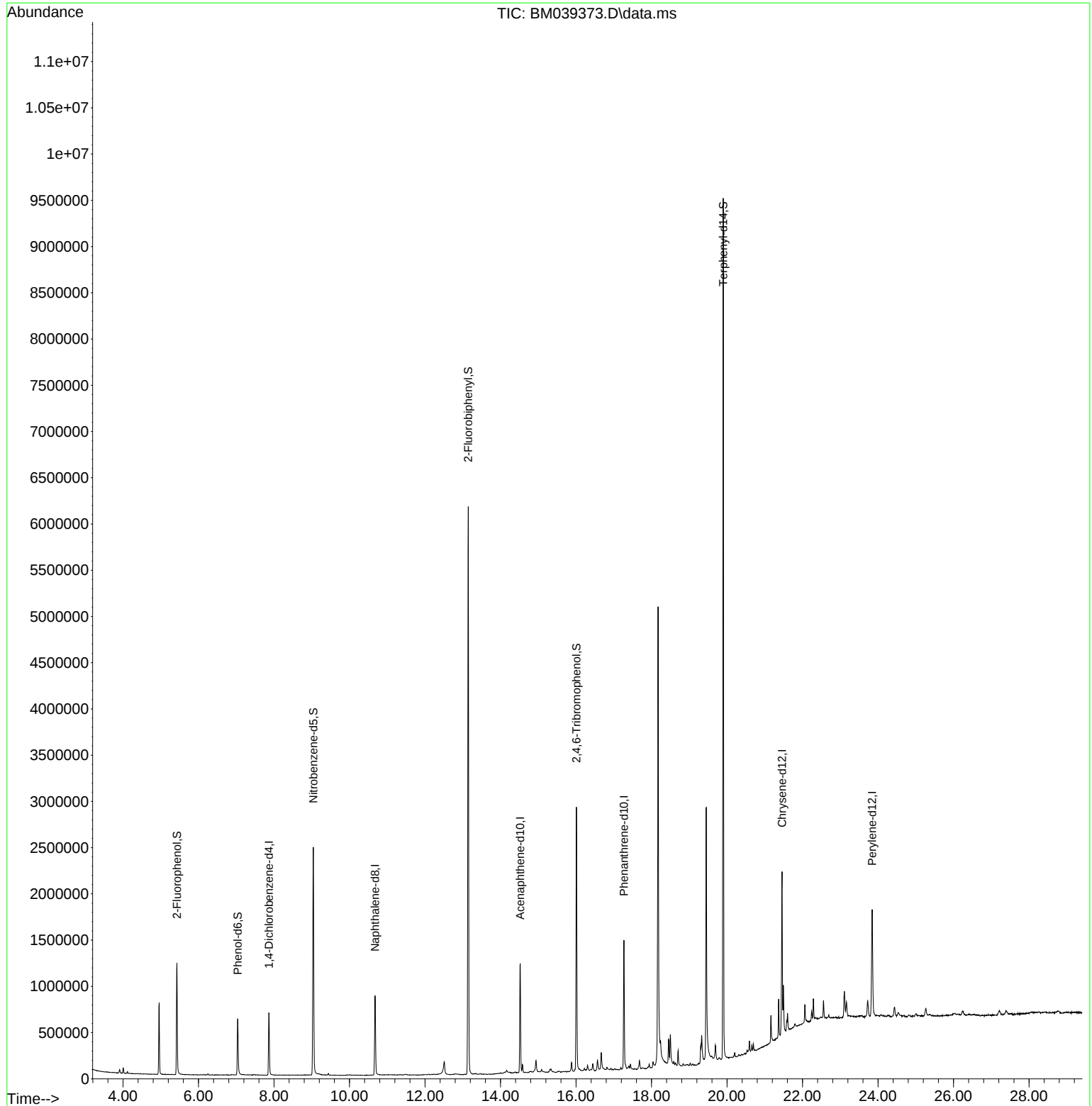
Target Compounds Qvalue

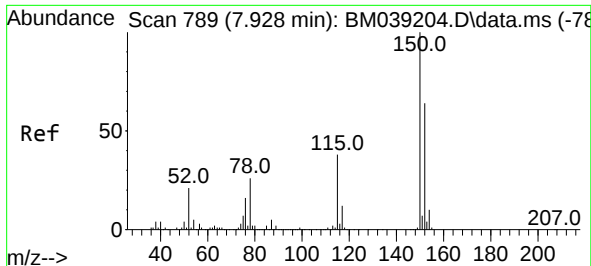
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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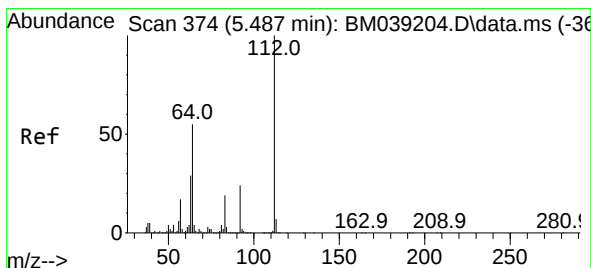
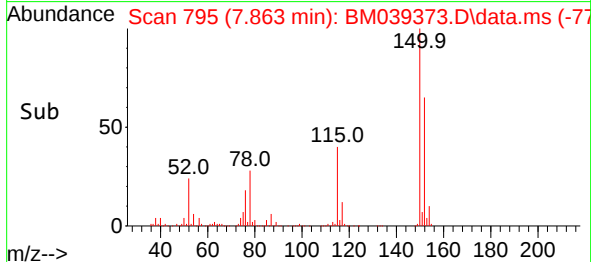
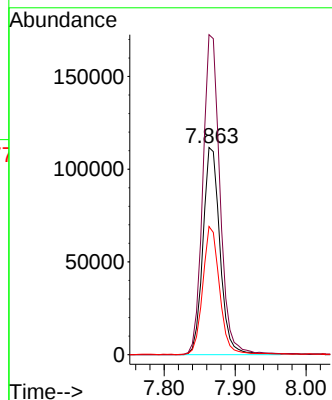
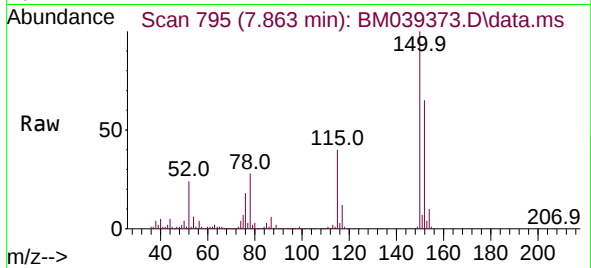




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

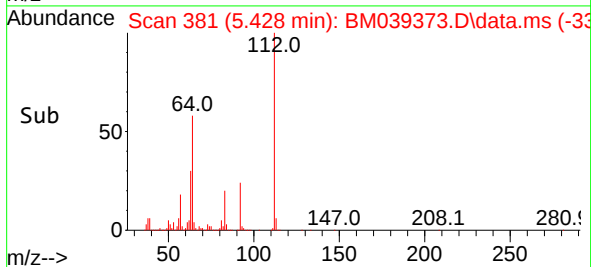
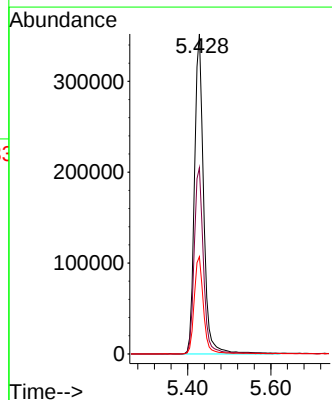
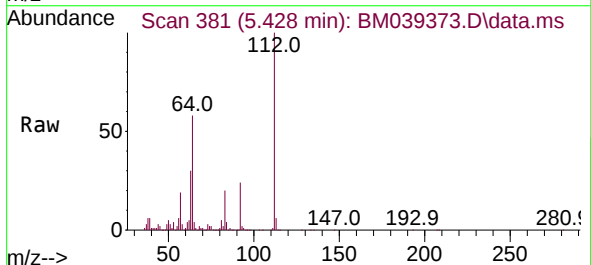
Instrument :
BNA_M
ClientSampleId :
MW-01RE

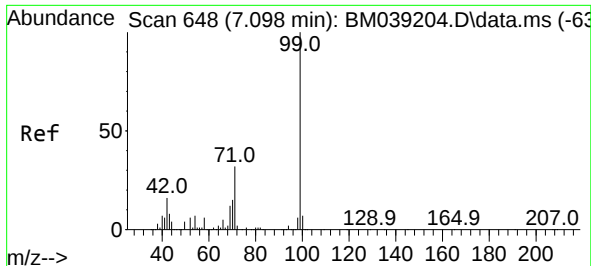
Tgt Ion:152 Resp: 185387
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 43.656 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

Tgt Ion:112 Resp: 537190
Ion Ratio Lower Upper
112 100
64 58.2 44.3 66.5
63 30.4 23.0 34.6

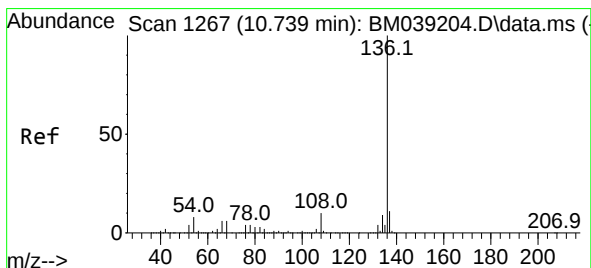
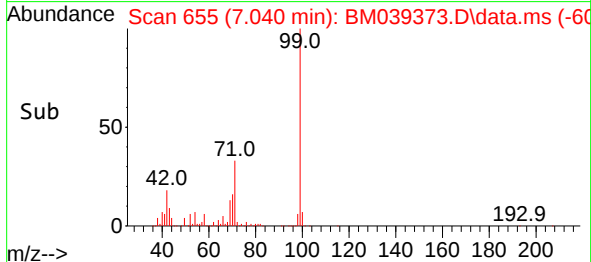
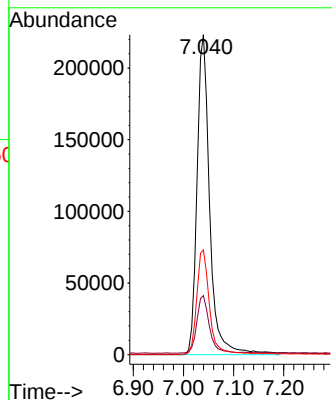
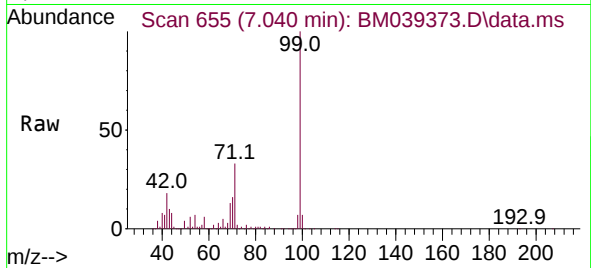




#7
Phenol-d6
Concen: 24.633 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

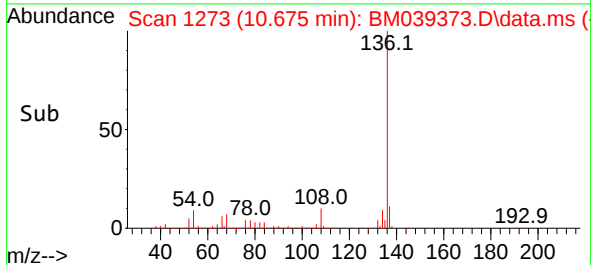
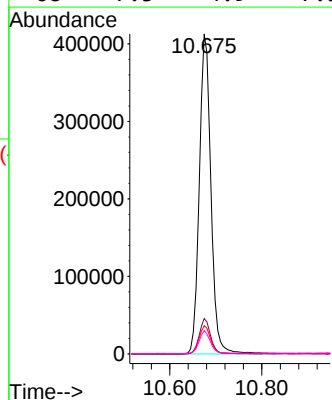
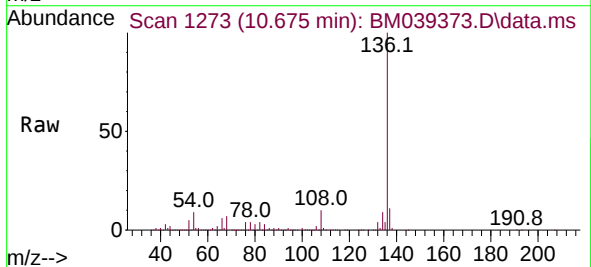
Instrument :
BNA_M
ClientSampleId :
MW-01RE

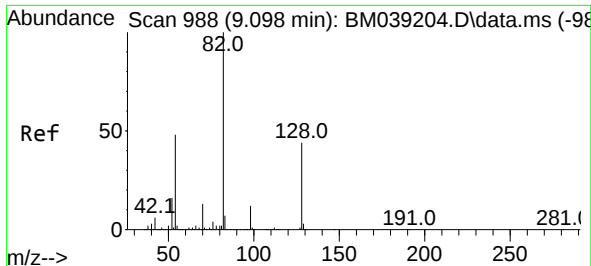
Tgt Ion: 99 Resp: 392042
Ion Ratio Lower Upper
99 100
42 18.4 13.0 19.6
71 32.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

Tgt Ion: 136 Resp: 719518
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 6.2 9.4
68 7.3 4.9 7.3

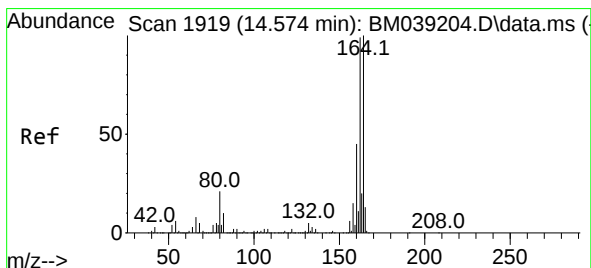
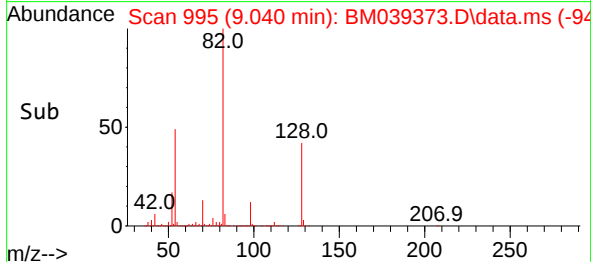
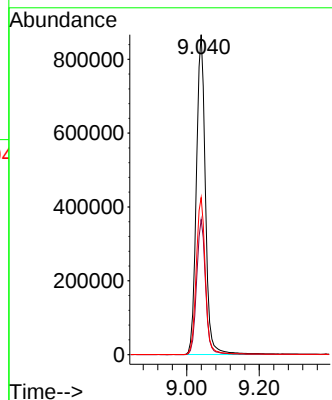
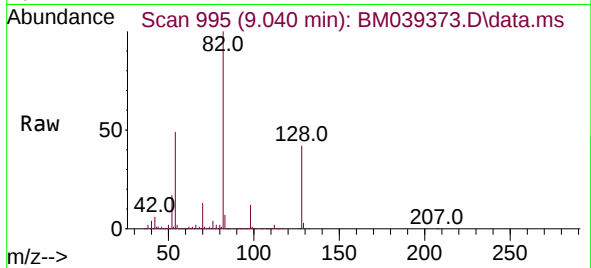




#23
Nitrobenzene-d5
Concen: 101.591 ng
RT: 9.040 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

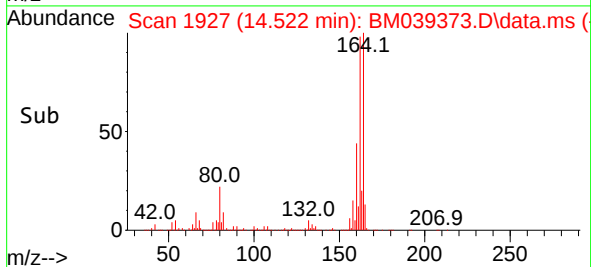
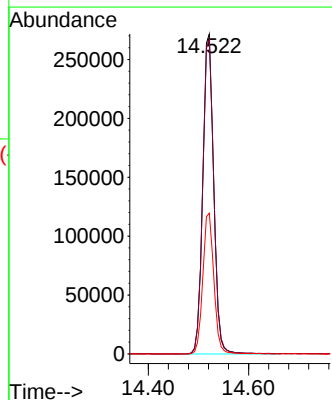
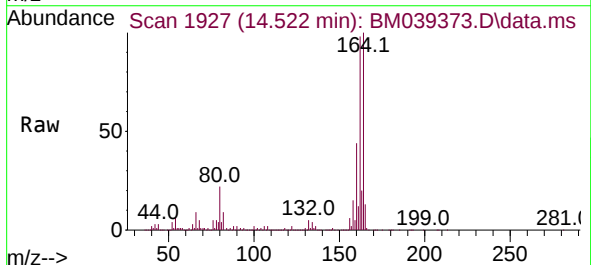
Instrument :
BNA_M
ClientSampleId :
MW-01RE

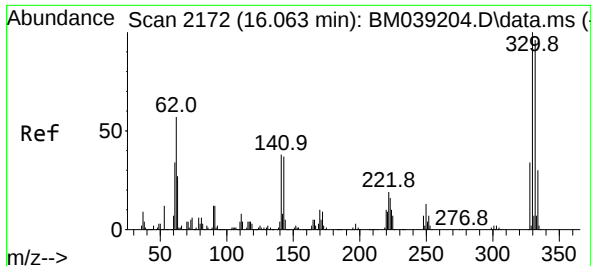
Tgt Ion: 82 Resp: 1503969
Ion Ratio Lower Upper
82 100
128 42.2 35.1 52.7
54 49.1 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

Tgt Ion: 164 Resp: 411510
Ion Ratio Lower Upper
164 100
162 98.2 79.1 118.7
160 44.0 35.8 53.8

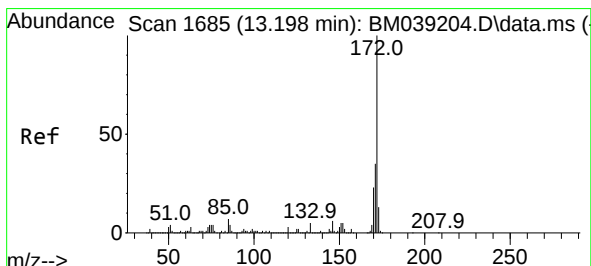
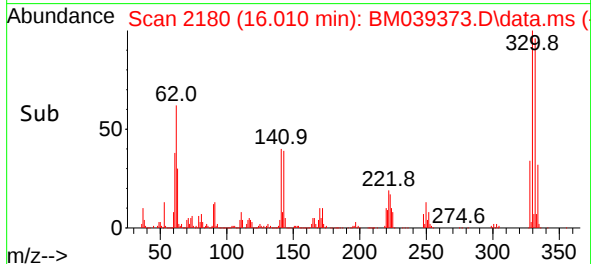
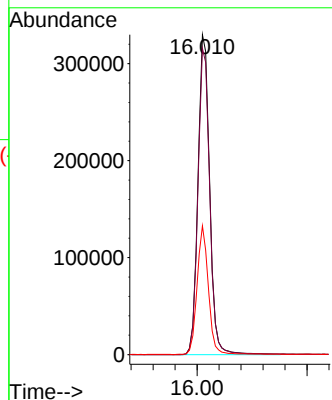
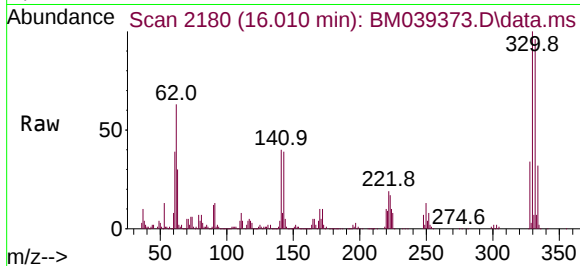




#42
2,4,6-Tribromophenol
Concen: 93.367 ng
RT: 16.010 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

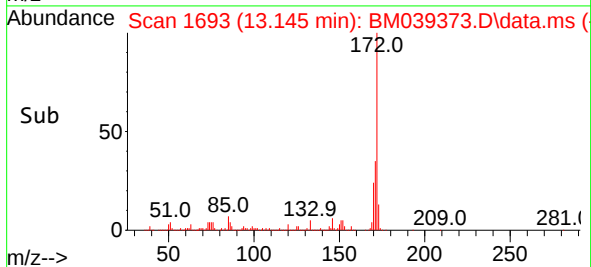
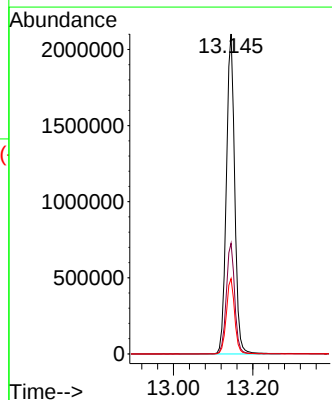
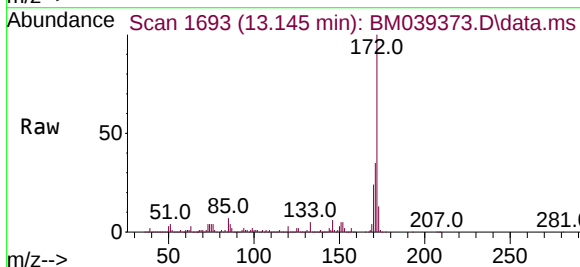
Instrument :
BNA_M
ClientSampleId :
MW-01RE

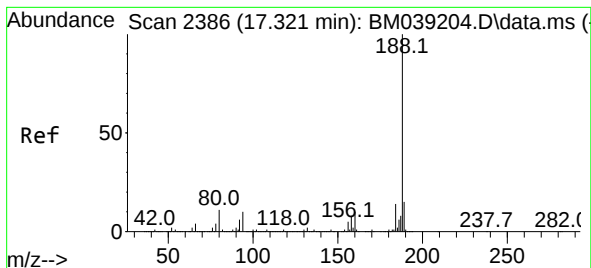
Tgt Ion:330 Resp: 487725
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 39.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 101.579 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

Tgt Ion:172 Resp: 3085120
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MW-01RE

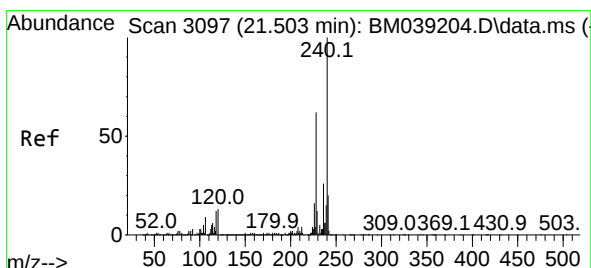
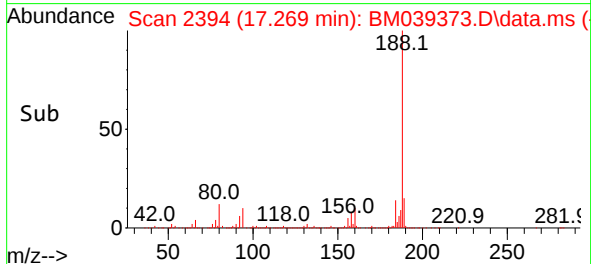
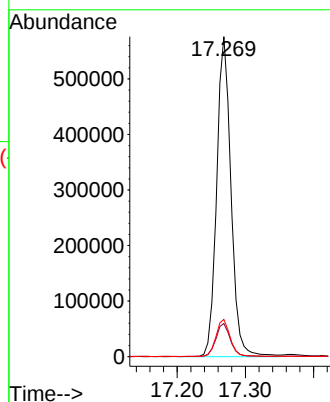
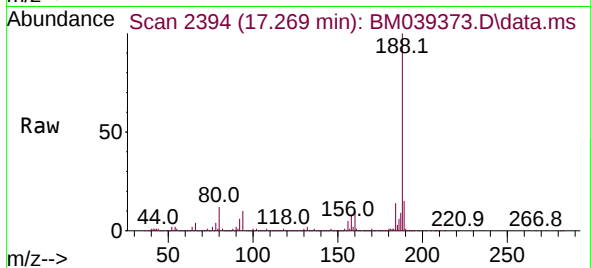
Tgt Ion:188 Resp: 836902

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.6 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

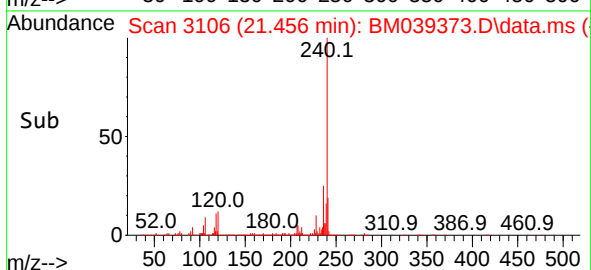
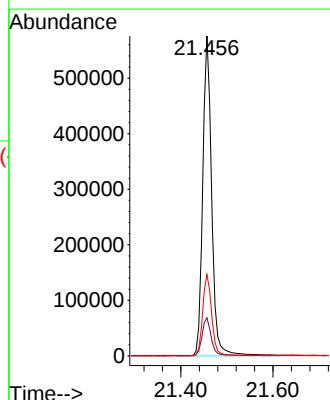
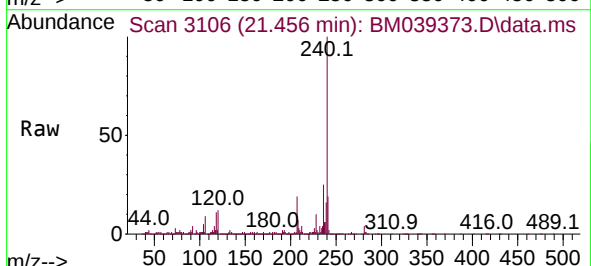
Tgt Ion:240 Resp: 775991

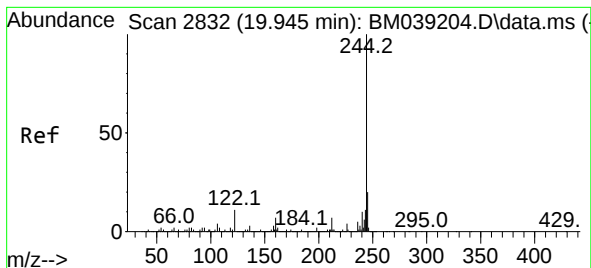
Ion Ratio Lower Upper

240 100

120 12.0 10.2 15.2

236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 103.373 ng

RT: 19.898 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MW-01RE

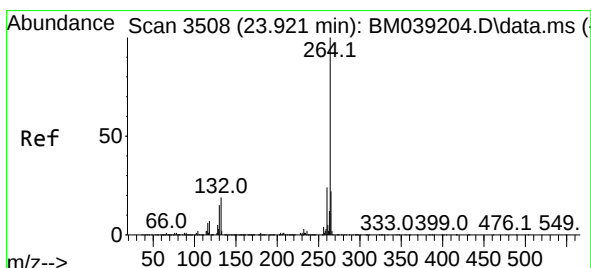
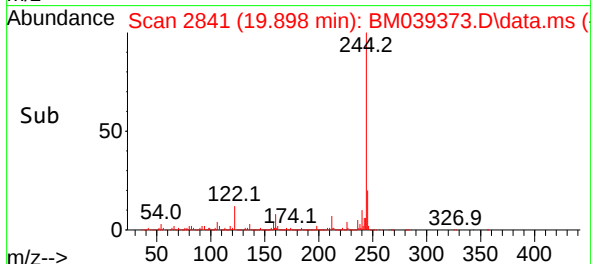
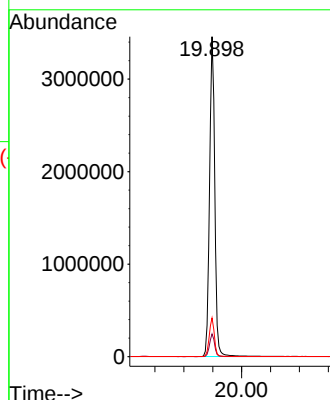
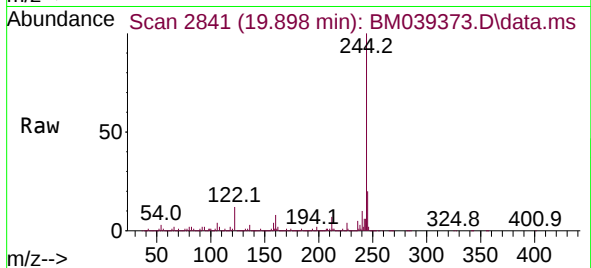
Tgt Ion:244 Resp: 4341779

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.1 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3512

Delta R.T. 0.000 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

Tgt Ion:264 Resp: 873792

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.5 18.1 27.1

