

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)

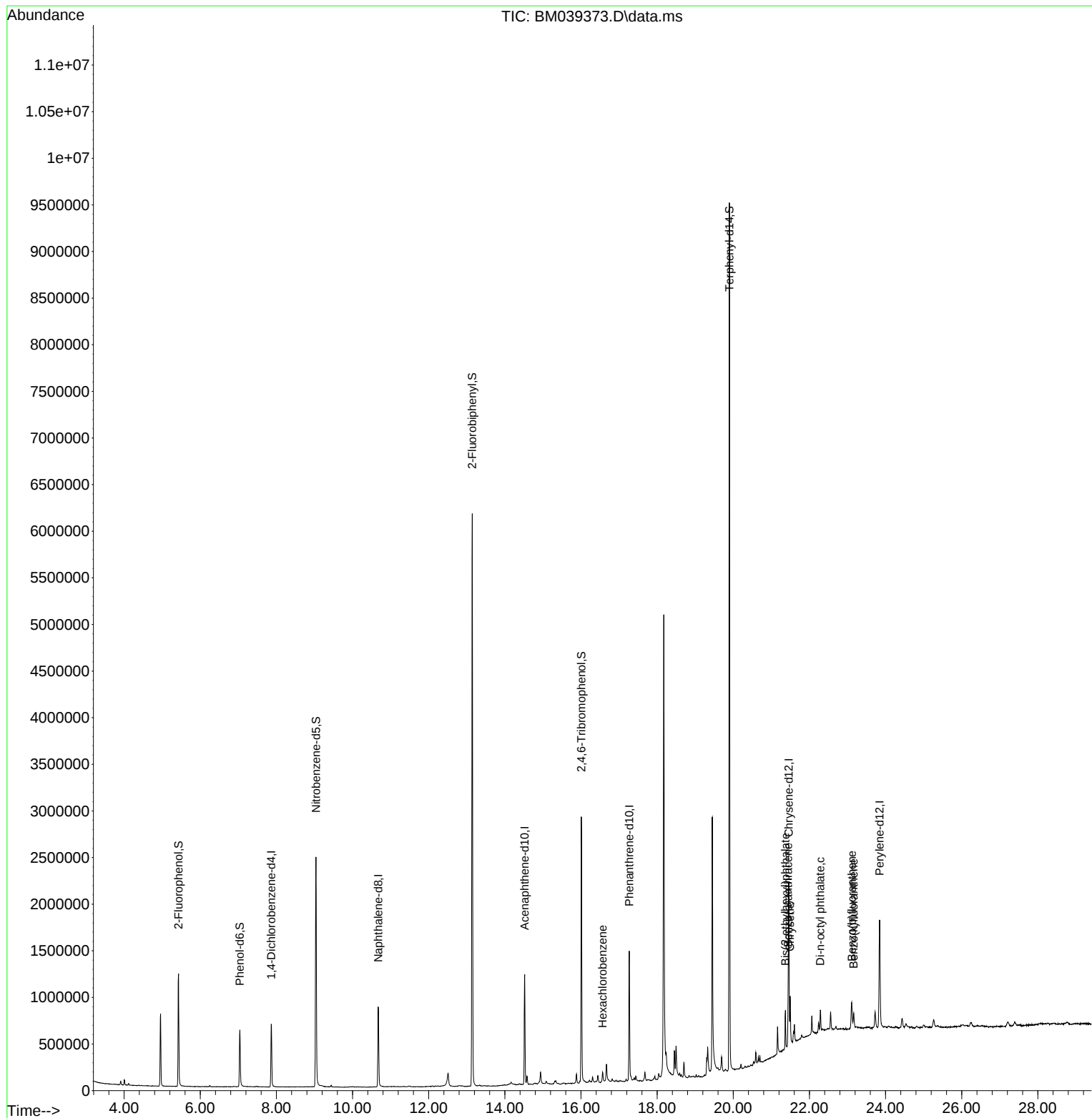
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	185387	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	719518	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	411510	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	836902	20.000	ng	0.00
76) Chrysene-d12	21.456	240	775991	20.000	ng	0.00
86) Perylene-d12	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
68) Hexachlorobenzene	16.569	284	26545	2.739	ng	97
81) Benzo(a)anthracene	21.439	228	249333	4.556	ng	99
83) Chrysene	21.492	228	294867	5.581	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	149930	4.011	ng	99
85) Di-n-octyl phthalate	22.286	149	175858	2.611	ng	98
88) Benzo(b)fluoranthene	23.115	252	125826	2.353	ng	97
89) Benzo(k)fluoranthene	23.162	252	132974	2.442	ng	# 97

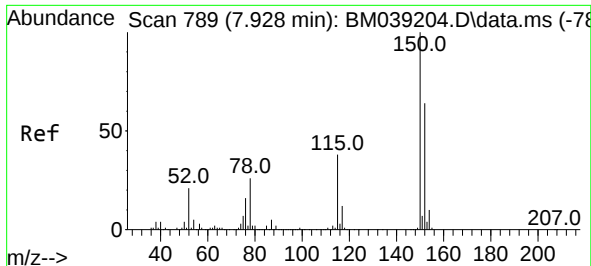
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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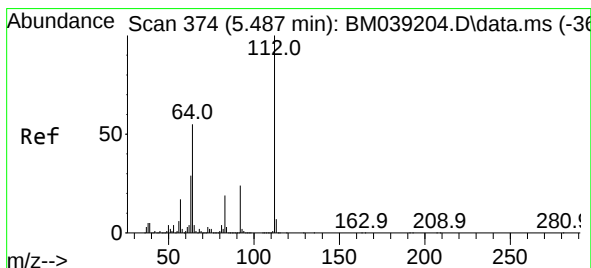
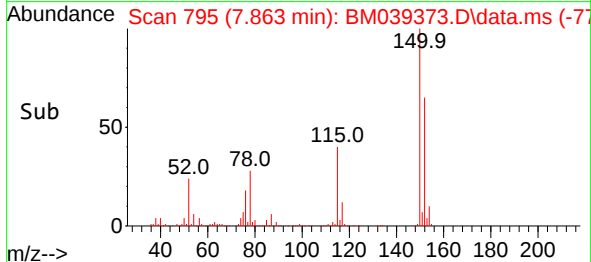
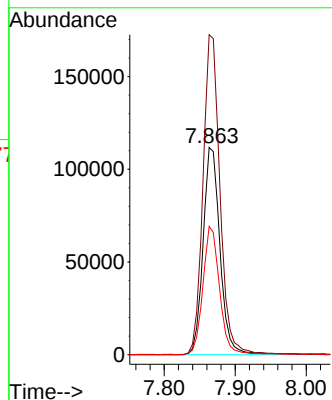
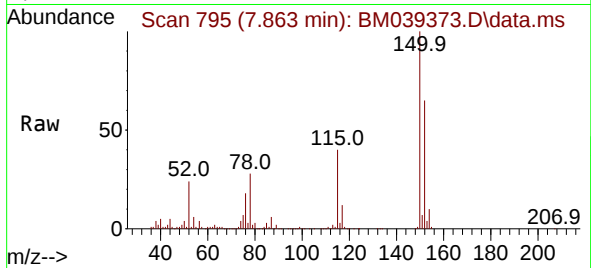




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

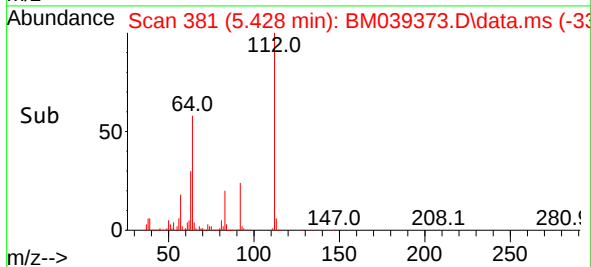
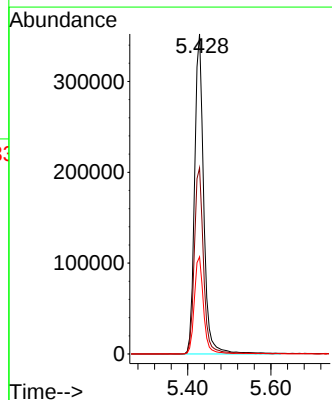
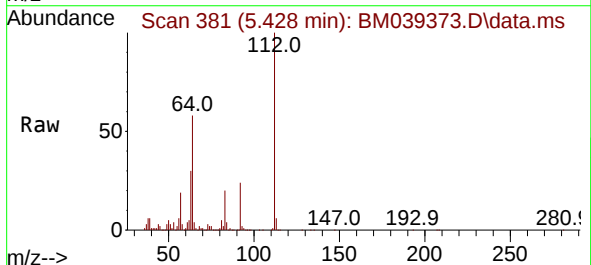
Instrument :
BNA_M
ClientSampleId :
MW-01RE

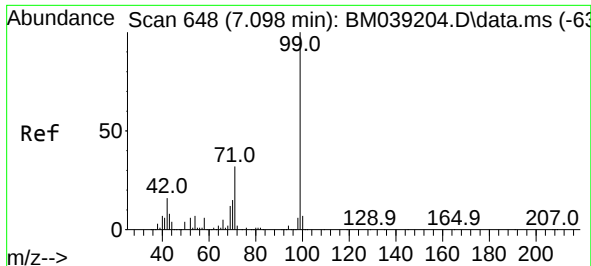
Tgt Ion:152 Resp: 185387
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 61.8 48.1 72.1



#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

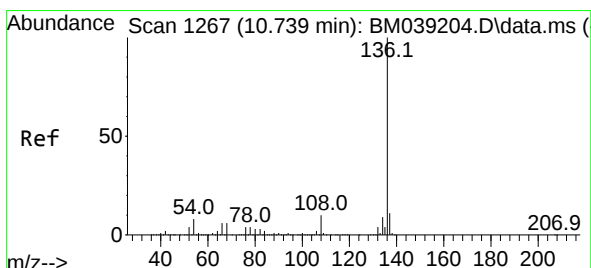
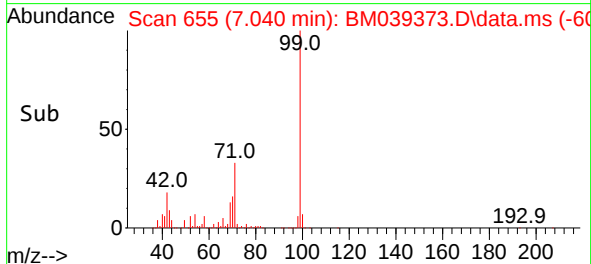
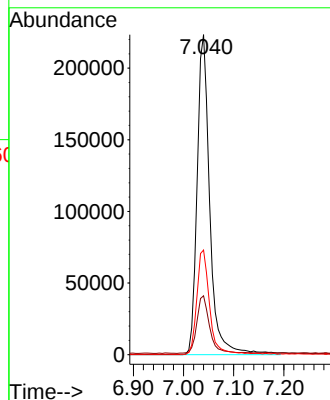
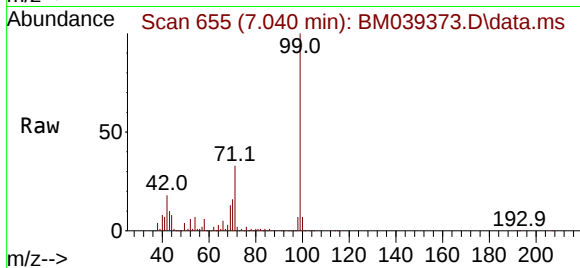




#7
Phenol-d6
Concen: 24.633 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

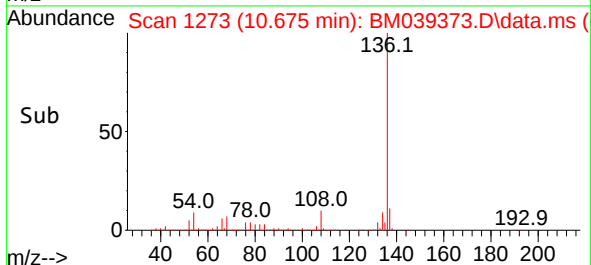
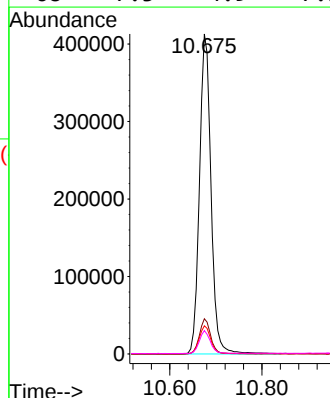
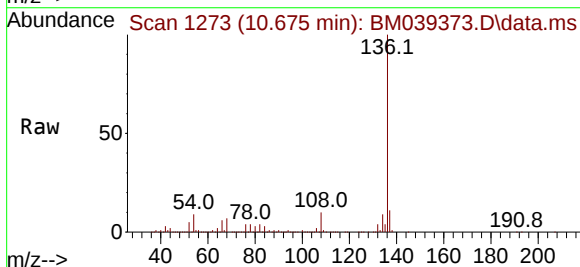
Instrument :
BNA_M
ClientSampleId :
MW-01RE

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

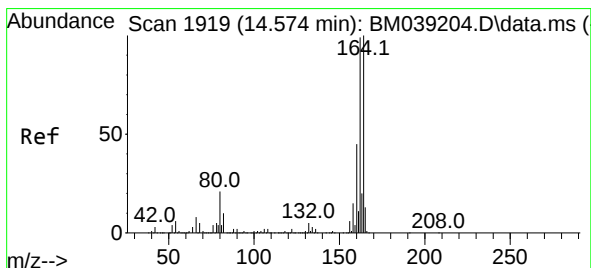
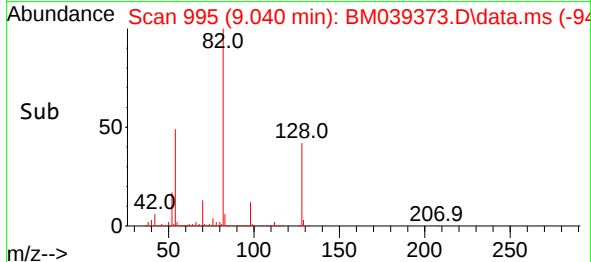
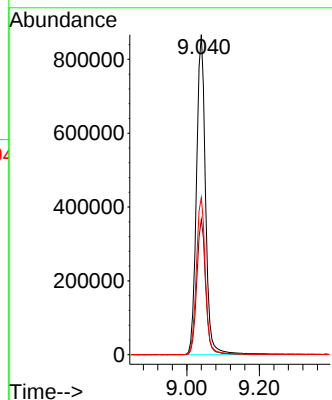
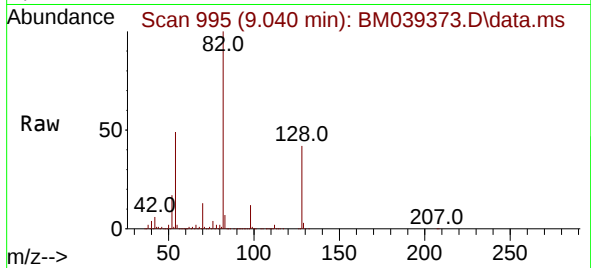




#23
Nitrobenzene-d5
Concen: 101.591 ng
RT: 9.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

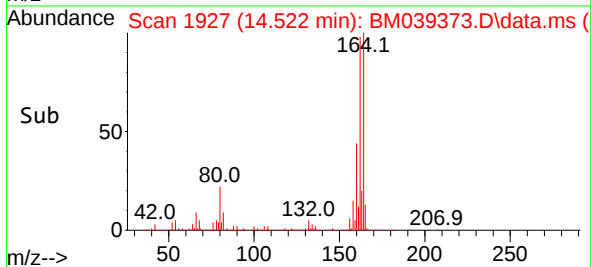
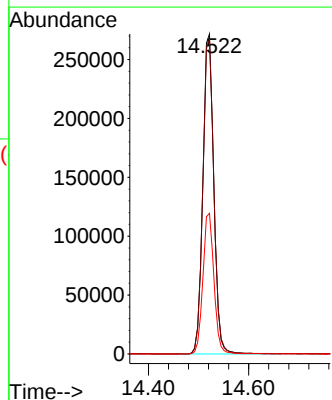
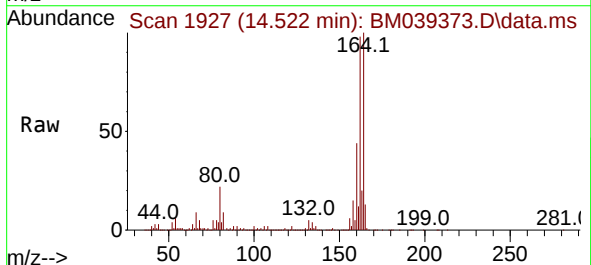
Instrument :
BNA_M
ClientSampleId :
MW-01RE

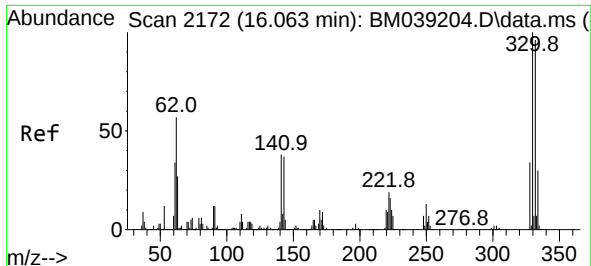
Tgt Ion: 82 Resp: 1503969
Ion Ratio Lower Upper
82 100
128 42.2 35.1 52.7
54 49.1 38.5 57.7



#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

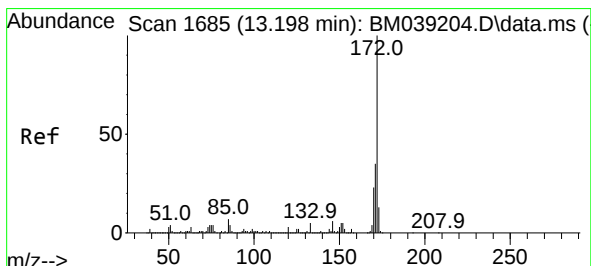
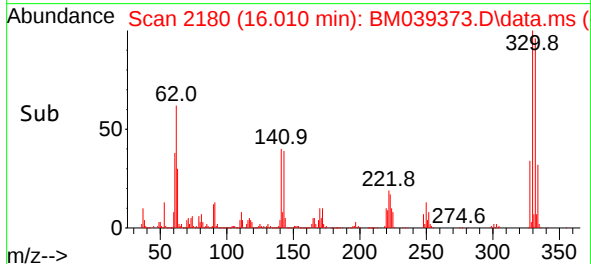
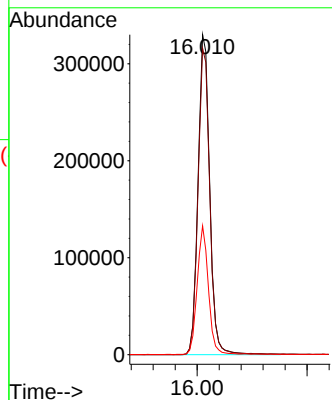
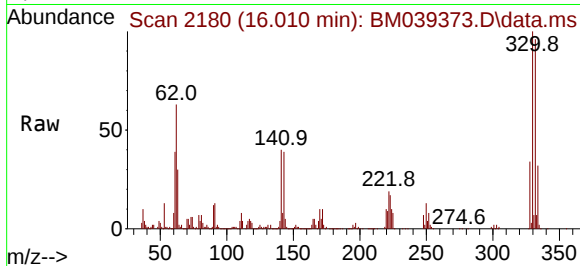




#42
2,4,6-Tribromophenol
Concen: 93.367 ng
RT: 16.010 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039373.D
Acq: 10 Apr 2023 12:09

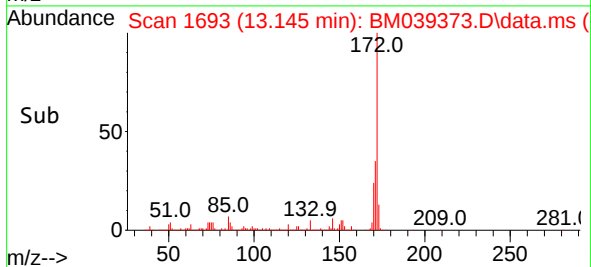
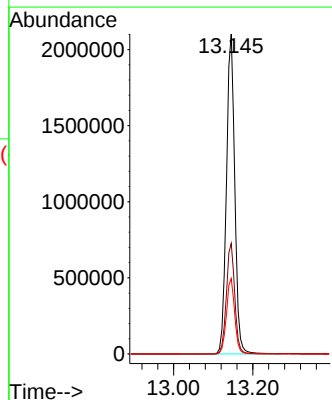
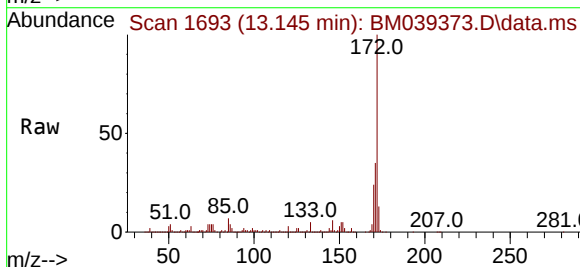
Instrument :
BNA_M
ClientSampleId :
MW-01RE

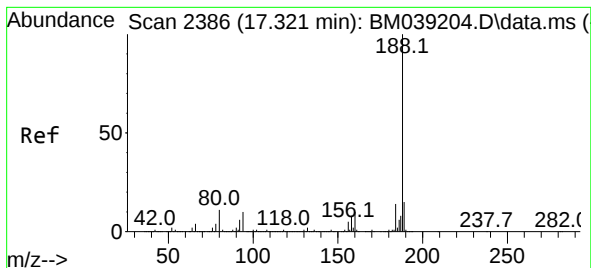
Tgt Ion:330 Resp: 487725
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 39.1 29.8 44.6



#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# 21

Delta R.T. 0.000 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MW-01RE

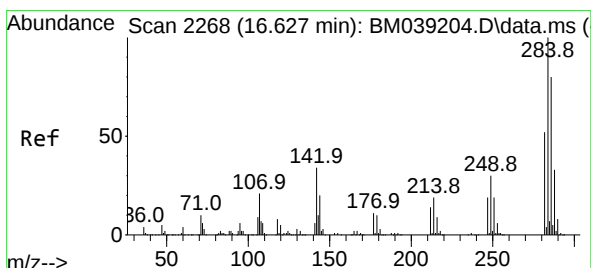
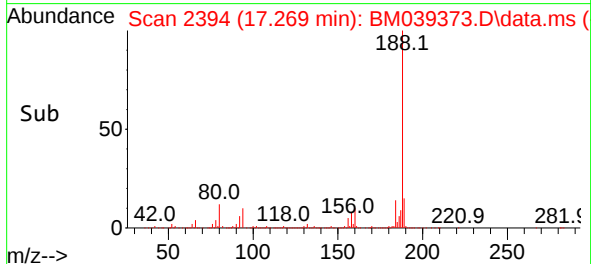
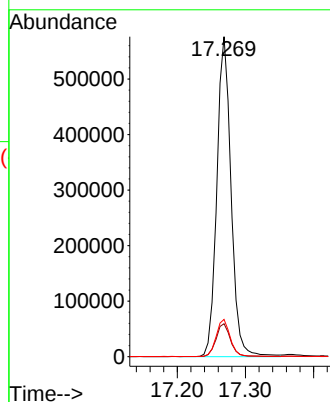
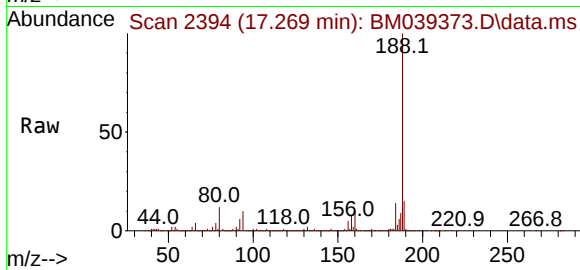
Tgt Ion:188 Resp: 836902

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.6 8.9 13.3



#68

Hexachlorobenzene

Concen: 2.739 ng

RT: 16.569 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

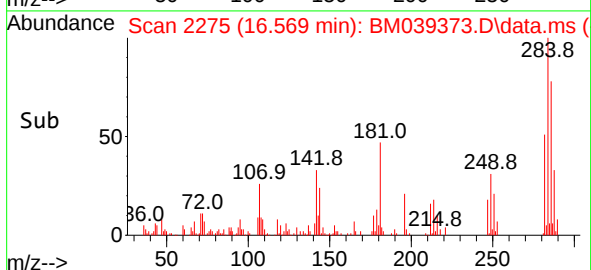
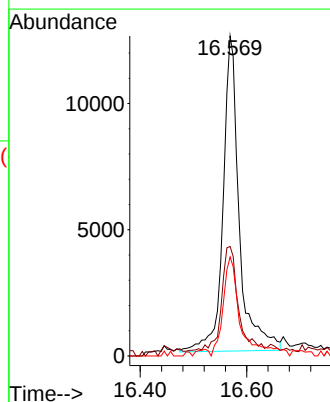
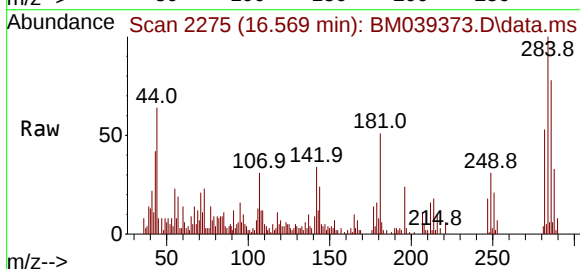
Tgt Ion:284 Resp: 26545

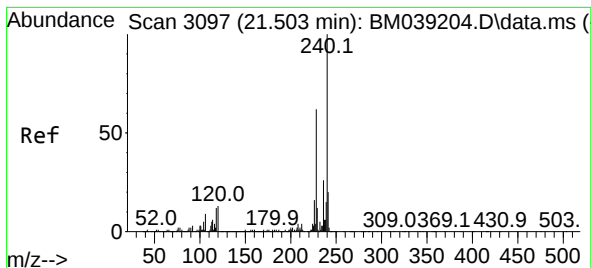
Ion Ratio Lower Upper

284 100

142 34.2 27.4 41.2

249 34.2 24.4 36.6





#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

Instrument :

BNA_M

ClientSampleId :

MW-01RE

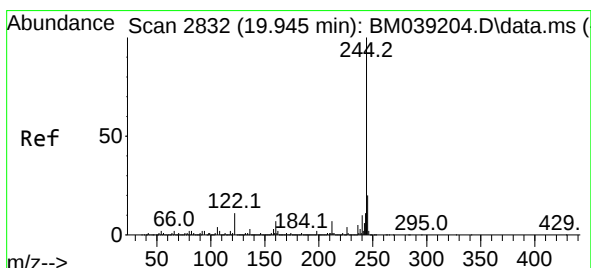
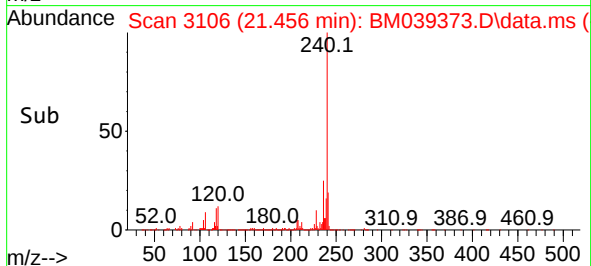
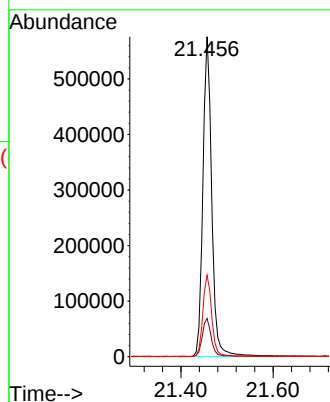
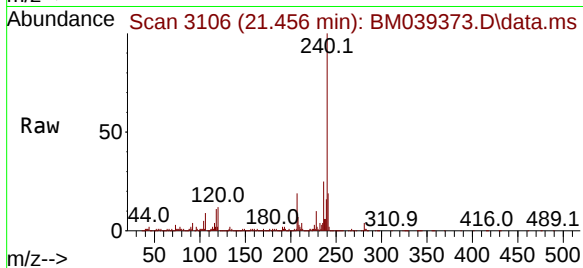
Tgt Ion:240 Resp: 775991

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# 2841

Delta R.T. 0.000 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

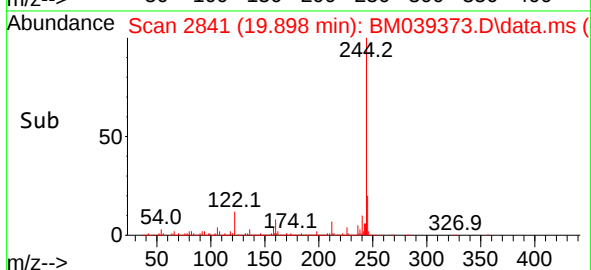
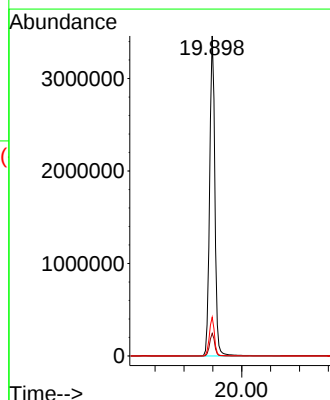
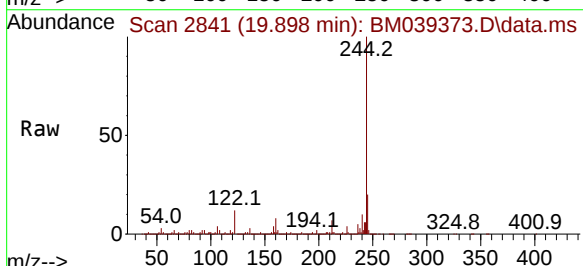
Tgt Ion:244 Resp: 4341779

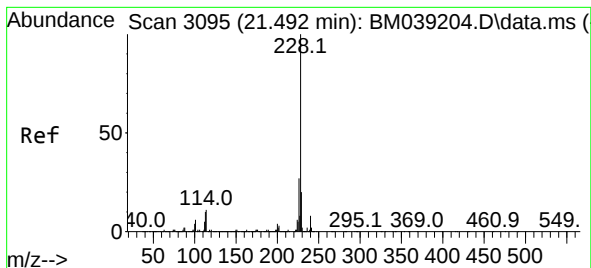
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.1 9.1 13.7





#81

Benzo(a)anthracene

Concen: 4.556 ng

RT: 21.439 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

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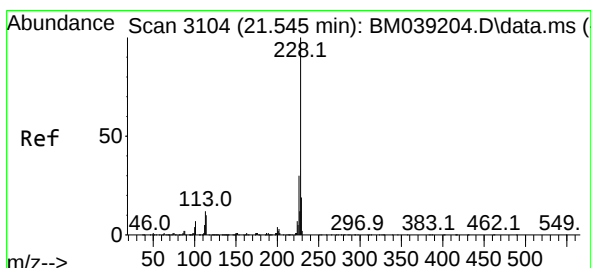
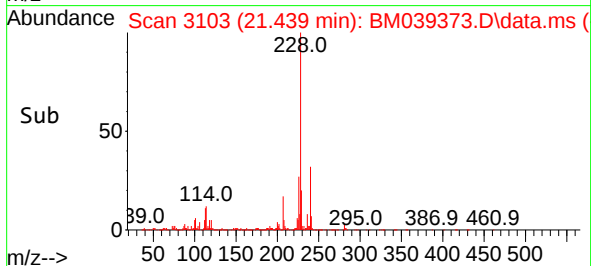
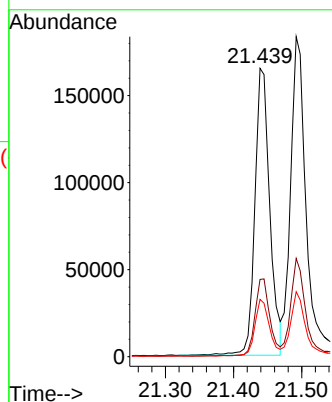
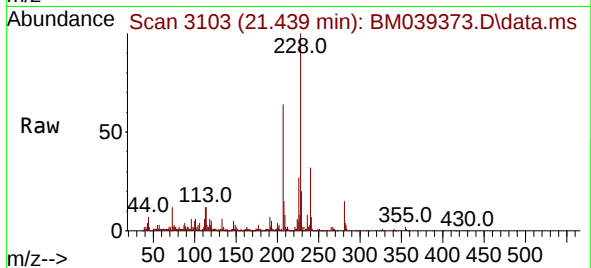
Tgt Ion:228 Resp: 249333

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

229 19.9 15.8 23.6



#83

Chrysene

Concen: 5.581 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

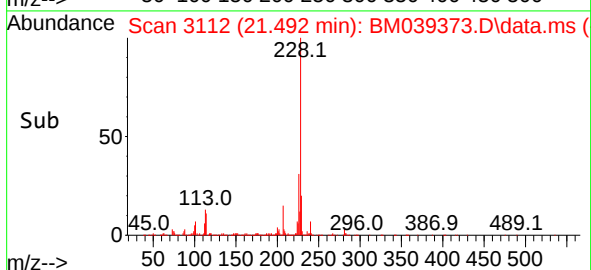
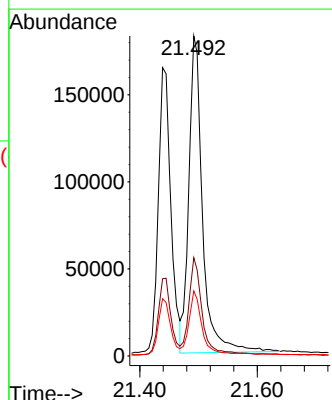
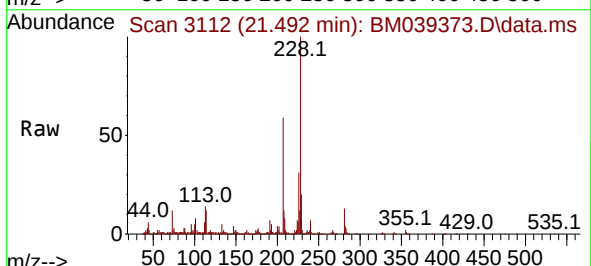
Tgt Ion:228 Resp: 294867

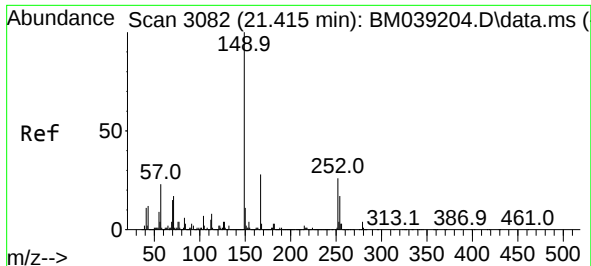
Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 20.3 15.5 23.3

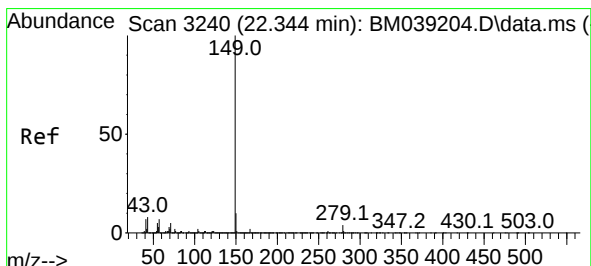
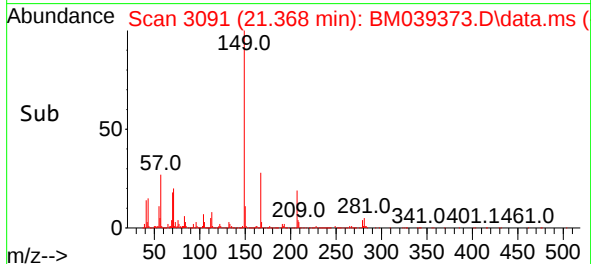
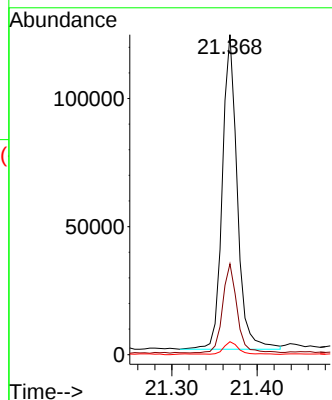
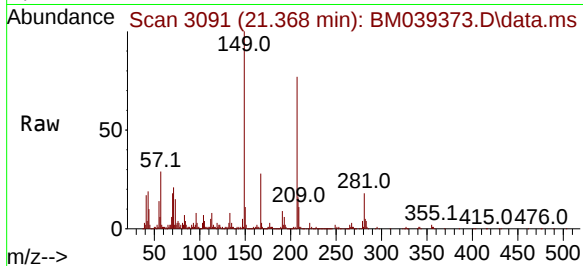




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.011 ng
 RT: 21.368 min Scan# 3082
 Delta R.T. 0.000 min
 Lab File: BM039373.D
 Acq: 10 Apr 2023 12:09

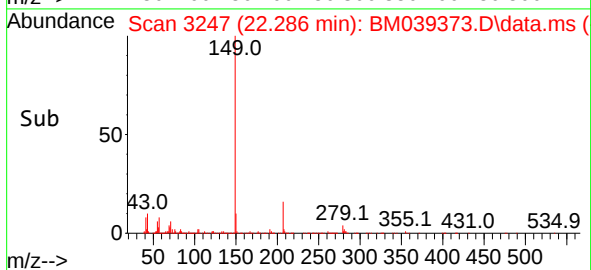
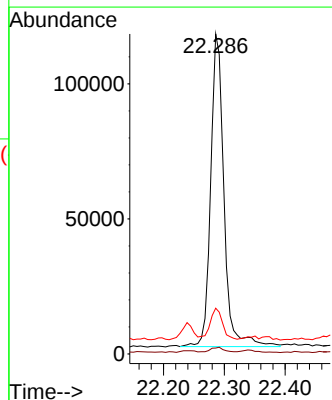
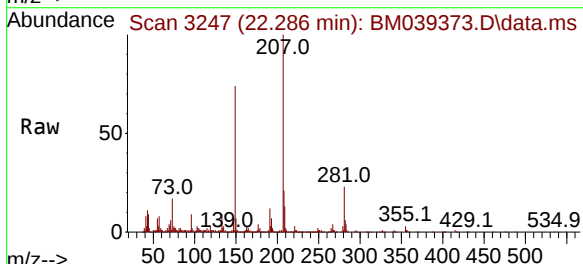
Instrument :
 BNA_M
 ClientSampleId :
 MW-01RE

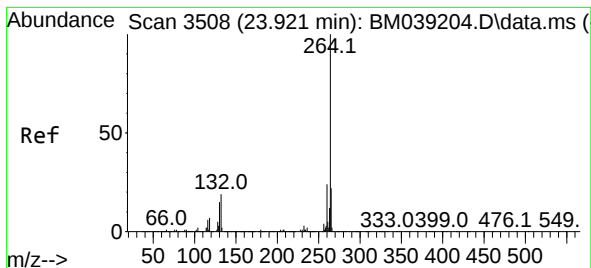
Tgt Ion:149 Resp: 149930
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.3 33.5
 279 4.0 3.4 5.2



#85
 Di-n-octyl phthalate
 Concen: 2.611 ng
 RT: 22.286 min Scan# 3247
 Delta R.T. -0.006 min
 Lab File: BM039373.D
 Acq: 10 Apr 2023 12:09

Tgt Ion:149 Resp: 175858
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 6.9 10.3





#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

Instrument :

BNA_M

ClientSampleId :

MW-01RE

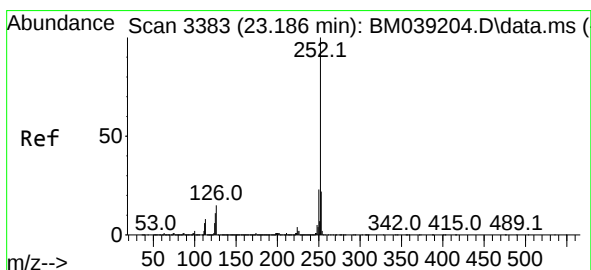
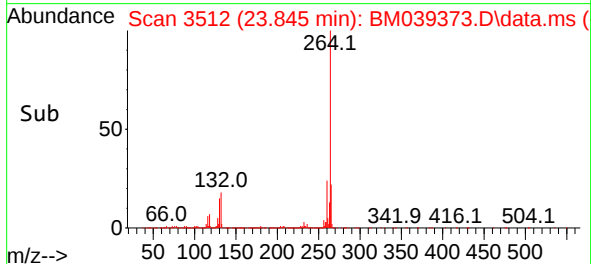
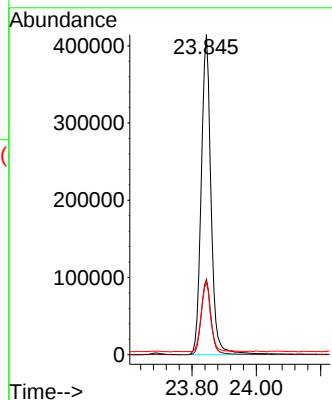
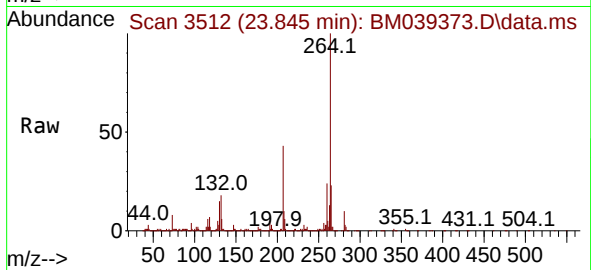
Tgt Ion:264 Resp: 873792

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.5 18.1 27.1



#88

Benzo(b)fluoranthene

Concen: 2.353 ng

RT: 23.115 min Scan# 3388

Delta R.T. -0.006 min

Lab File: BM039373.D

Acq: 10 Apr 2023 12:09

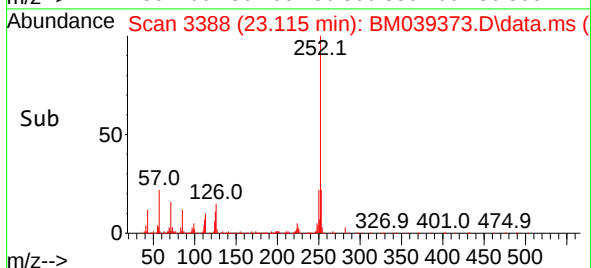
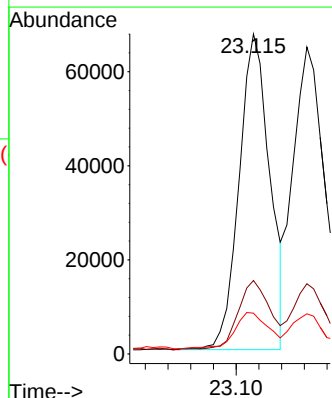
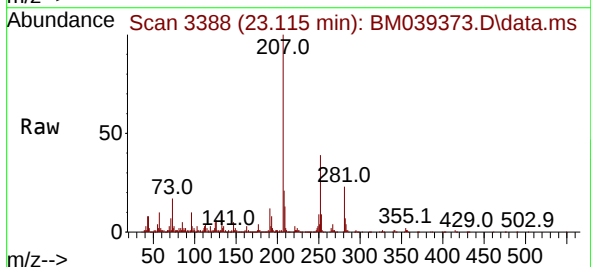
Tgt Ion:252 Resp: 125826

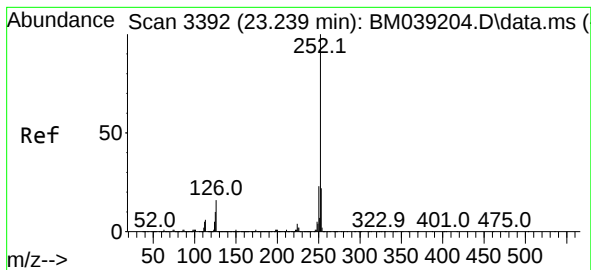
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 12.7 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 2.442 ng

RT: 23.162 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039373.D

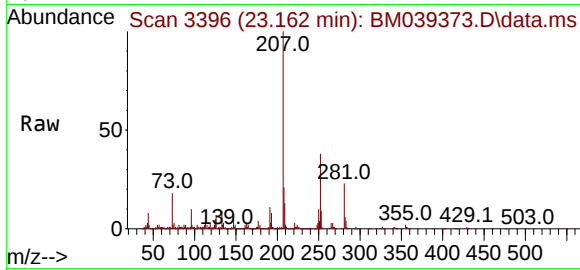
Acq: 10 Apr 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MW-01RE



Tgt Ion:252 Resp: 132974

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 13.1 8.5 12.7#

