

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039372.D
 Acq On : 10 Apr 2023 11:30
 Operator : CG/JU
 Sample : PB151838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151838TB

Quant Time: Apr 11 02:08:10 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	7.869	152	240625	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	902693	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	481134	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	867400	20.000	ng	0.00
76) Chrysene-d12	21.456	240	629227	20.000	ng	0.00
86) Perylene-d12	23.844	264	689607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2352754	147.311	ng	0.00
7) Phenol-d6	7.045	99	2773213	134.246	ng	0.00
23) Nitrobenzene-d5	9.039	82	1650832	88.883	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	688199	112.680	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3212048	90.454	ng	0.00
79) Terphenyl-d14	19.897	244	3636284	106.770	ng	0.00

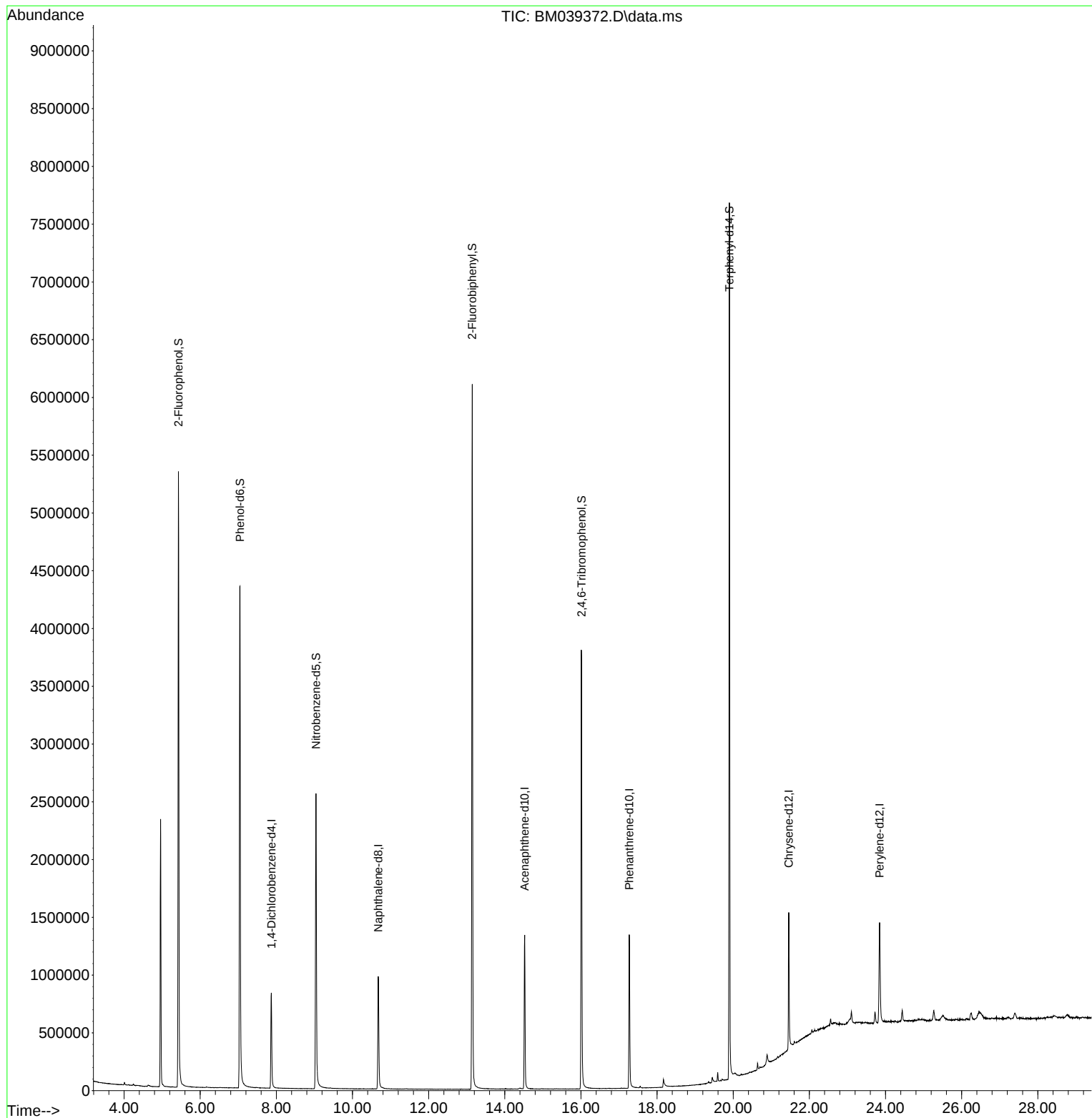
Target Compounds	Qvalue

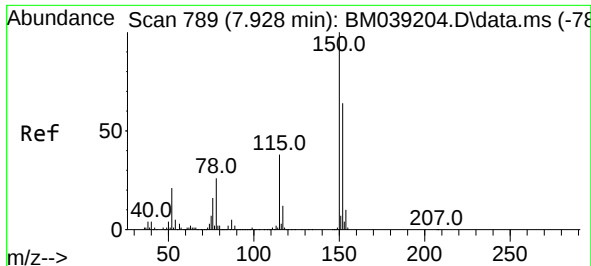
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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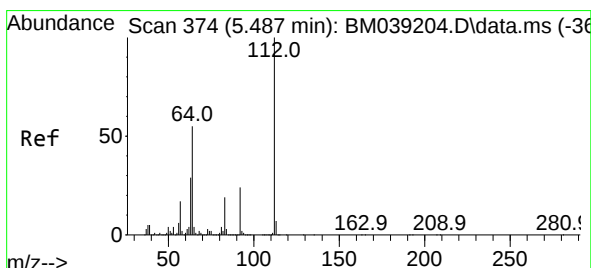
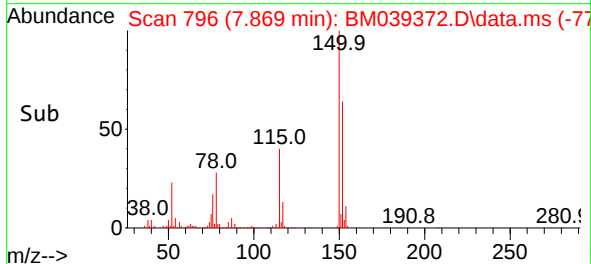
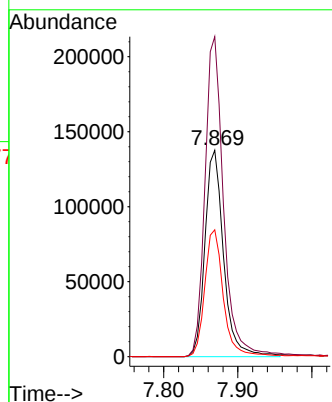
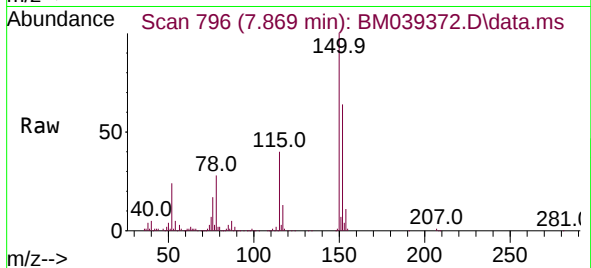




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM039372.D
Acq: 10 Apr 2023 11:30

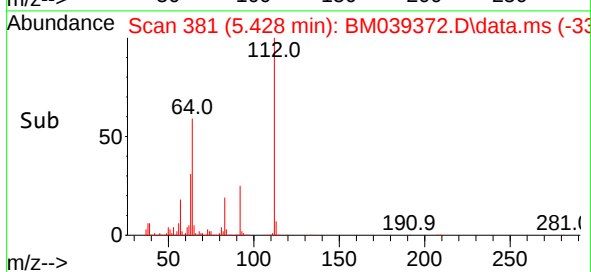
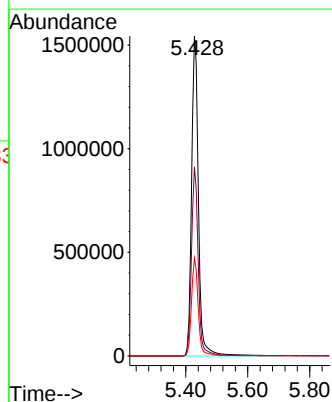
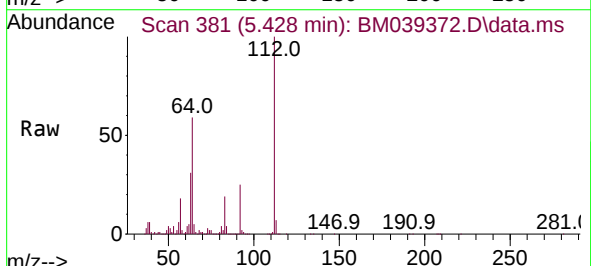
Instrument :
BNA_M
ClientSampleId :
PB151838TB

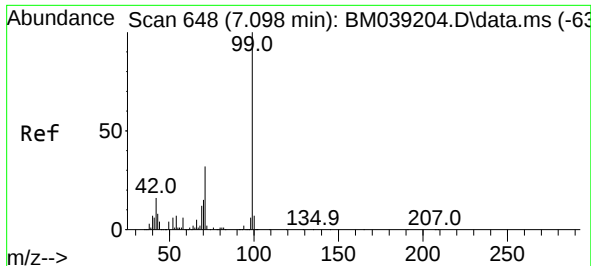
Tgt Ion:152 Resp: 240625
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 147.311 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039372.D
Acq: 10 Apr 2023 11:30

Tgt Ion:112 Resp: 2352754
Ion Ratio Lower Upper
112 100
64 59.1 44.3 66.5
63 30.6 23.0 34.6

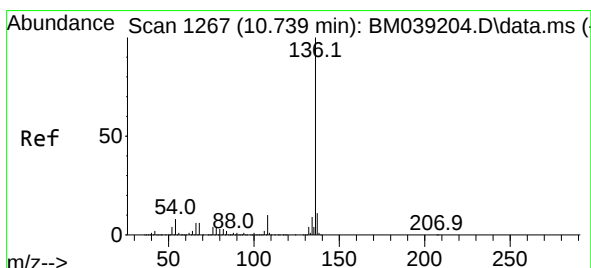
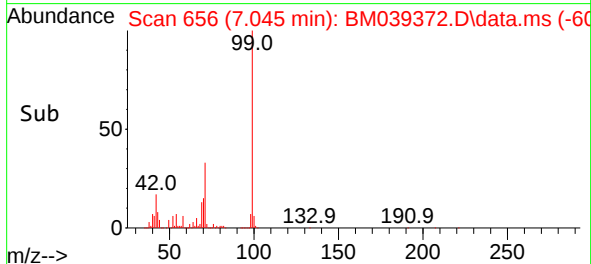
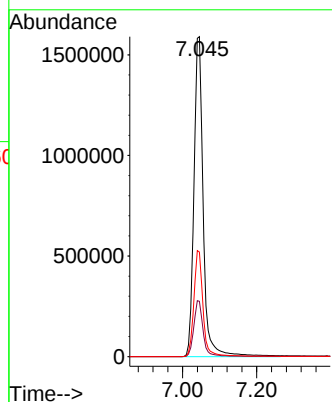
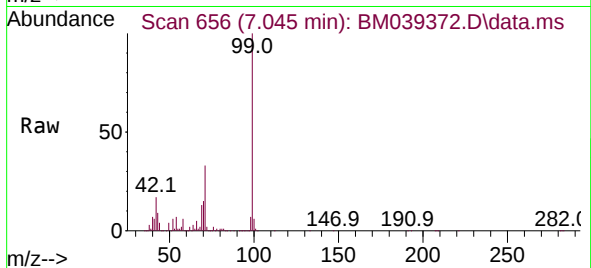




#7
Phenol-d6
Concen: 134.246 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039372.D
Acq: 10 Apr 2023 11:30

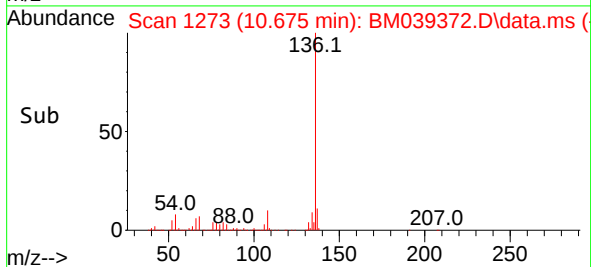
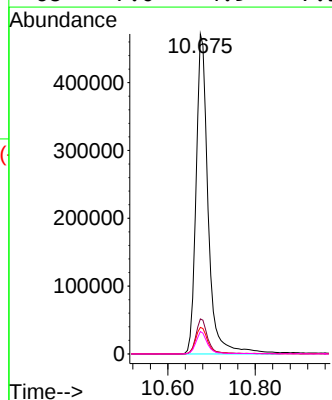
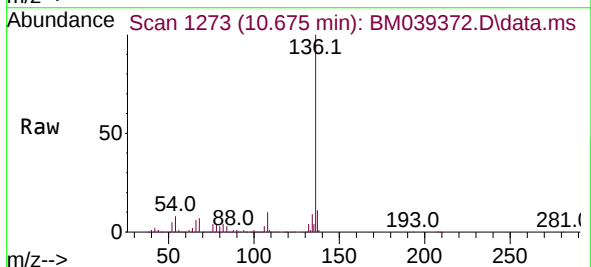
Instrument :
BNA_M
ClientSampleId :
PB151838TB

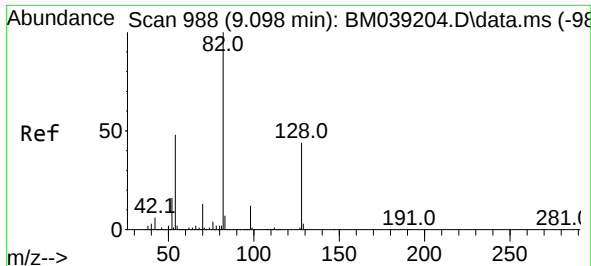
Tgt Ion: 99 Resp: 2773213
Ion Ratio Lower Upper
99 100
42 17.3 13.0 19.6
71 32.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039372.D
Acq: 10 Apr 2023 11:30

Tgt Ion: 136 Resp: 902693
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.2 9.4
68 7.0 4.9 7.3

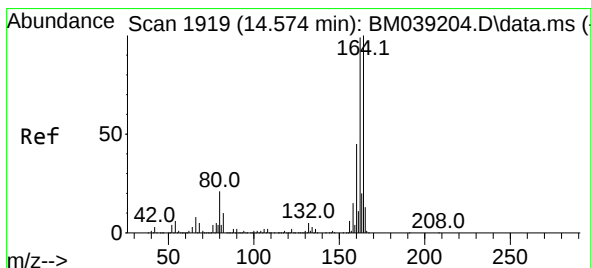
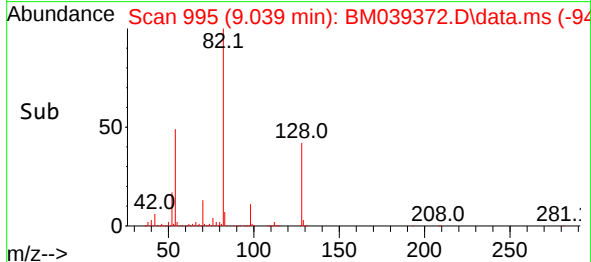
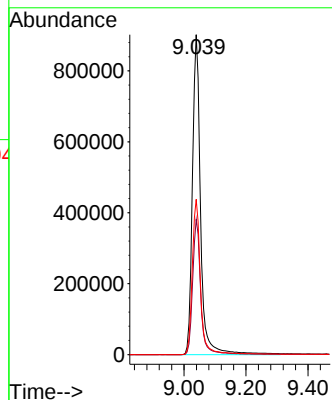
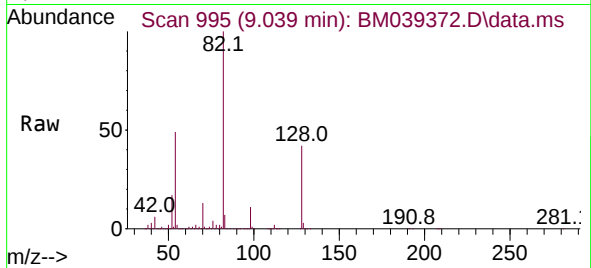




#23
Nitrobenzene-d5
Concen: 88.883 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039372.D
Acq: 10 Apr 2023 11:30

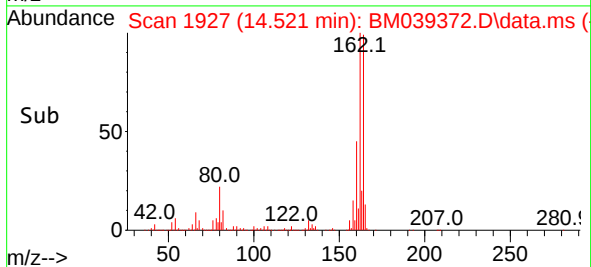
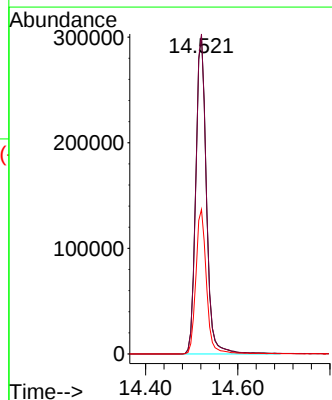
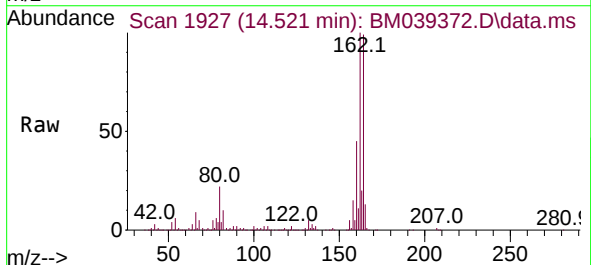
Instrument :
BNA_M
ClientSampleId :
PB151838TB

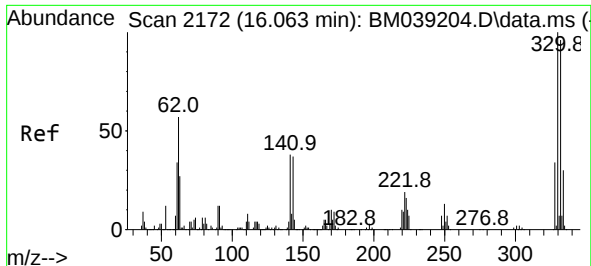
Tgt Ion: 82 Resp: 1650832
Ion Ratio Lower Upper
82 100
128 42.3 35.1 52.7
54 48.6 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM039372.D
Acq: 10 Apr 2023 11:30

Tgt Ion: 164 Resp: 481134
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 45.5 35.8 53.8

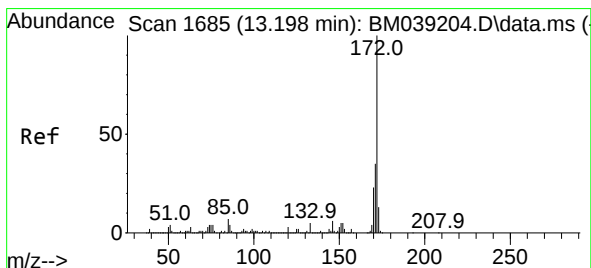
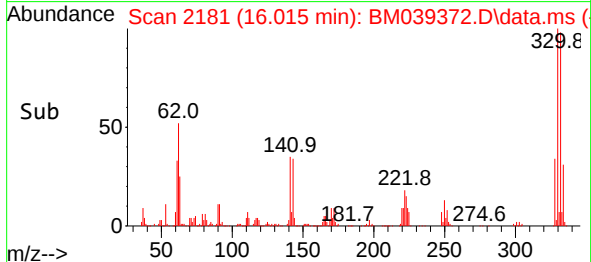
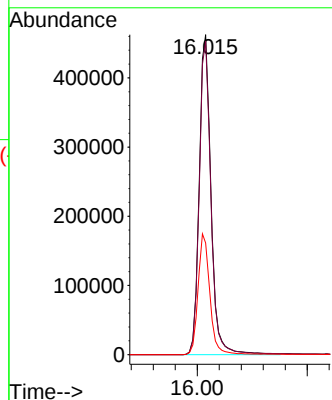
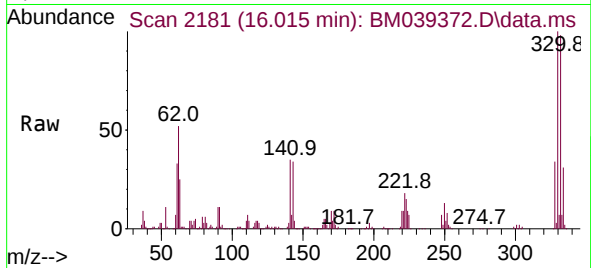




#42
 2,4,6-Tribromophenol
 Concen: 112.680 ng
 RT: 16.015 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BM039372.D
 Acq: 10 Apr 2023 11:30

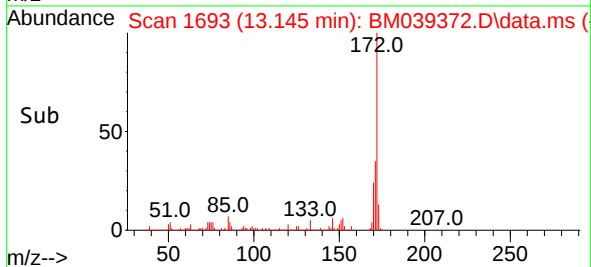
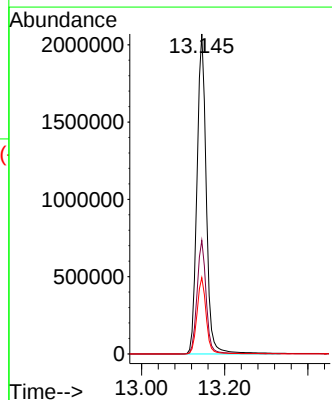
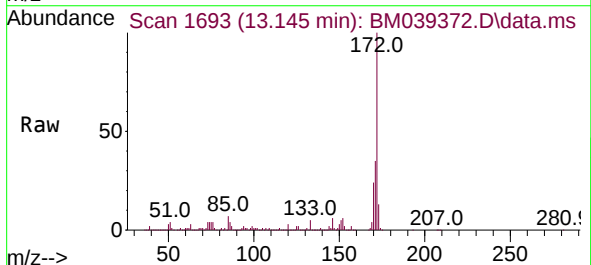
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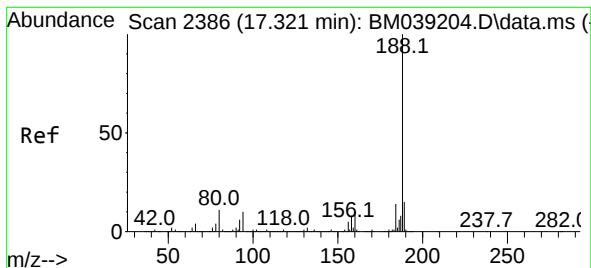
Tgt Ion:330 Resp: 688199
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.0
 141 37.9 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 90.454 ng
 RT: 13.145 min Scan# 1693
 Delta R.T. -0.000 min
 Lab File: BM039372.D
 Acq: 10 Apr 2023 11:30

Tgt Ion:172 Resp: 3212048
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.0 42.0
 170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM039372.D

Acq: 10 Apr 2023 11:30

Instrument :

BNA_M

ClientSampleId :

PB151838TB

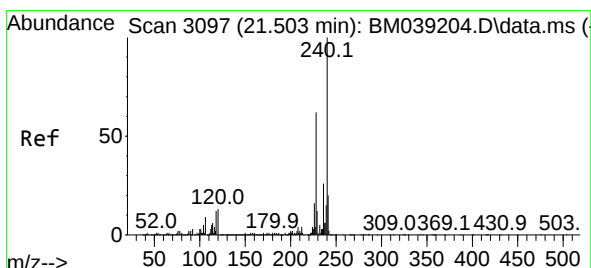
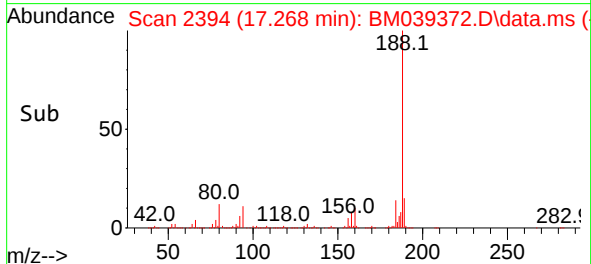
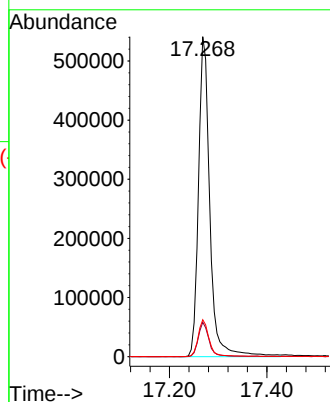
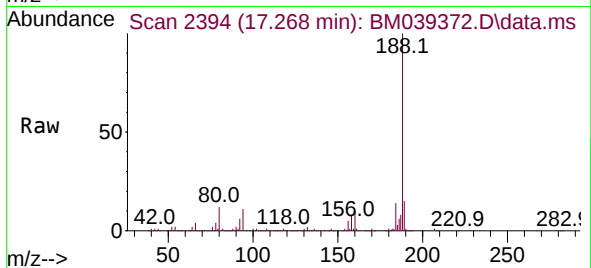
Tgt Ion:188 Resp: 867400

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

80 11.5 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: BM039372.D

Acq: 10 Apr 2023 11:30

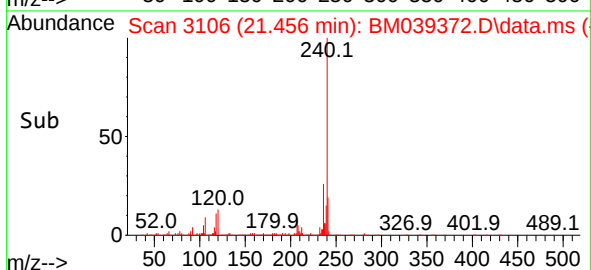
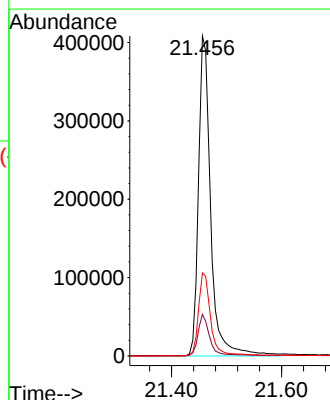
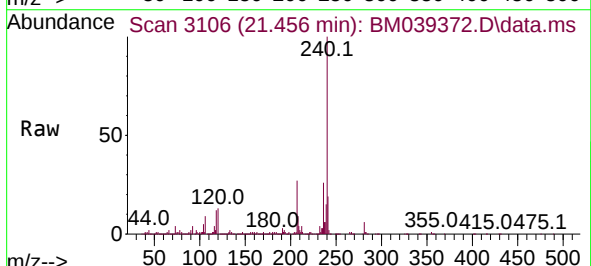
Tgt Ion:240 Resp: 629227

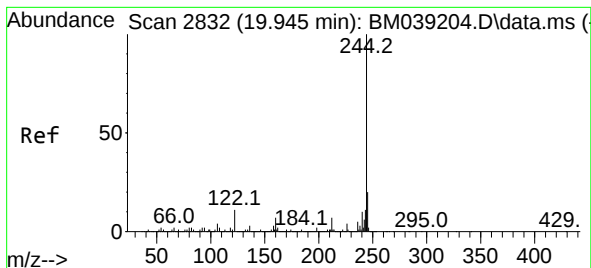
Ion Ratio Lower Upper

240 100

120 13.0 10.2 15.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 106.770 ng

RT: 19.897 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM039372.D

Acq: 10 Apr 2023 11:30

Instrument :

BNA_M

ClientSampleId :

PB151838TB

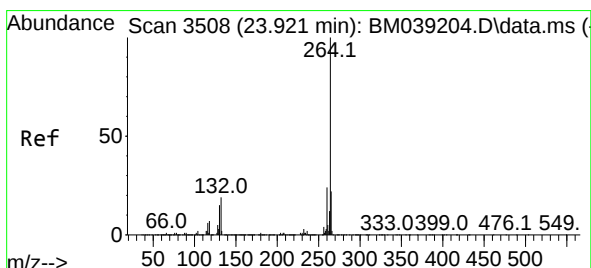
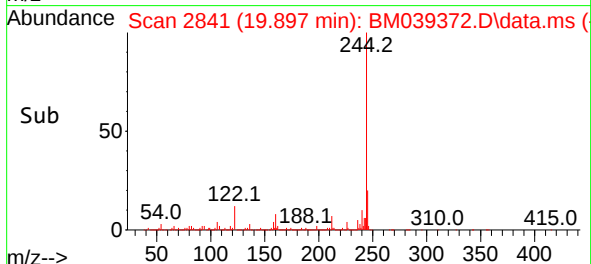
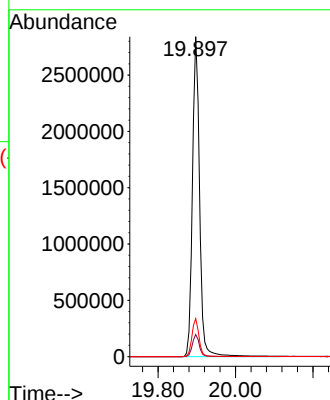
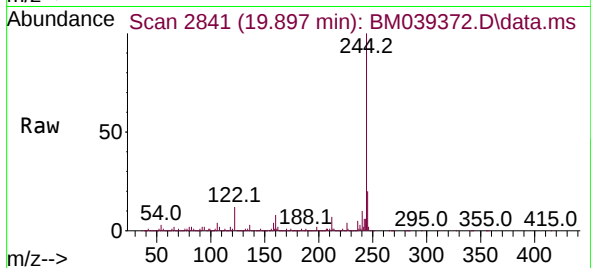
Tgt Ion:244 Resp: 3636284

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.844 min Scan# 3512

Delta R.T. -0.000 min

Lab File: BM039372.D

Acq: 10 Apr 2023 11:30

Tgt Ion:264 Resp: 689607

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.1 18.1 27.1

