

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039418.D
 Acq On : 13 Apr 2023 19:33
 Operator : CG/JU
 Sample : 02292-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-G2-041123

Quant Time: Apr 14 05:16:40 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 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	171888	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	652956	20.000	ng	-0.01
39) Acenaphthene-d10	14.510	164	386596	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	822567	20.000	ng	0.00
76) Chrysene-d12	21.450	240	837884	20.000	ng	-0.01
86) Perylene-d12	23.833	264	945171	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1380633	121.013	ng	0.01
7) Phenol-d6	7.057	99	1540965	104.425	ng	0.02
23) Nitrobenzene-d5	9.028	82	1180381	87.861	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	662724	135.044	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2453272	85.980	ng	0.00
79) Terphenyl-d14	19.892	244	4349442	95.906	ng	0.00

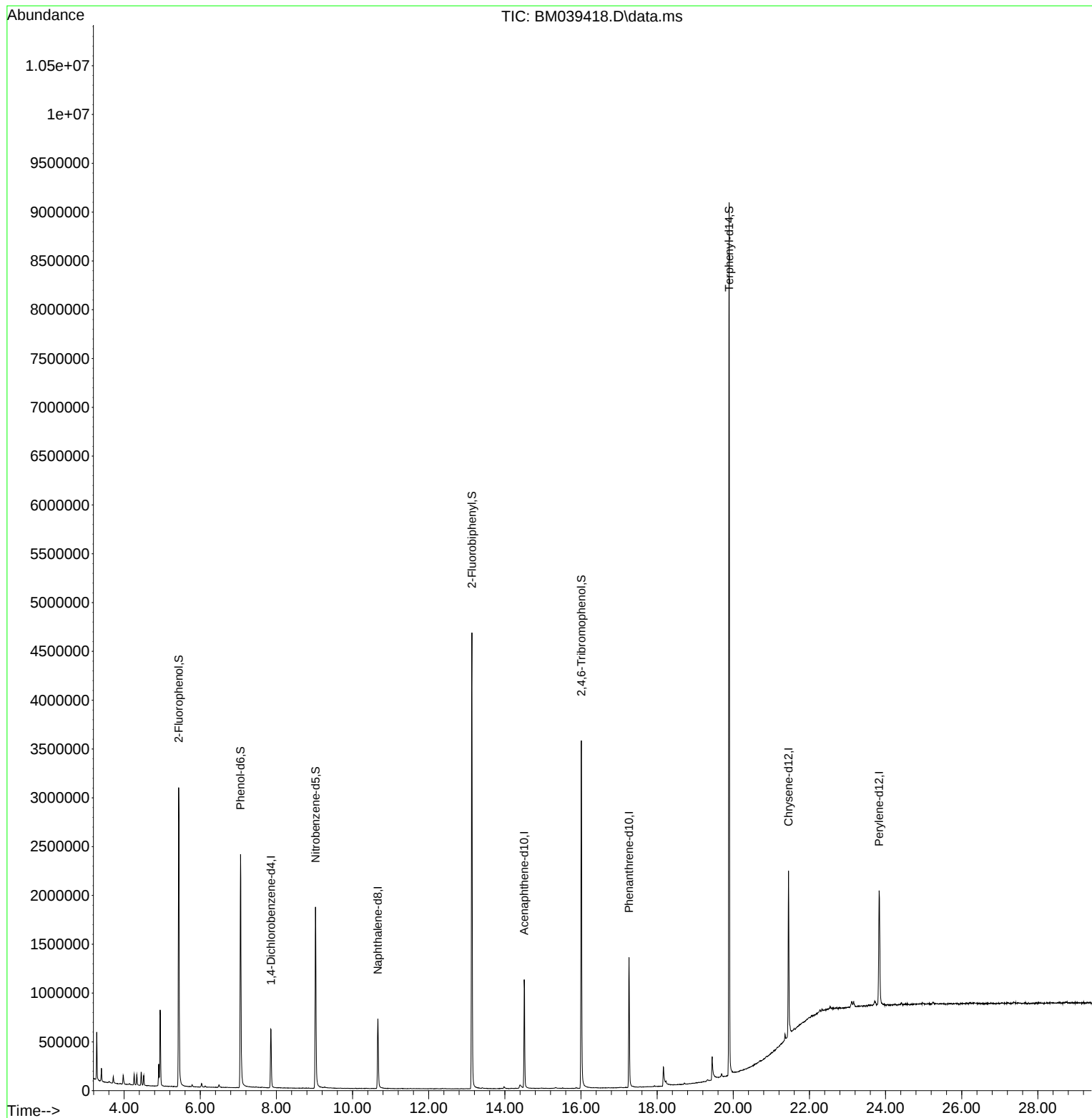
Target Compounds	Qvalue

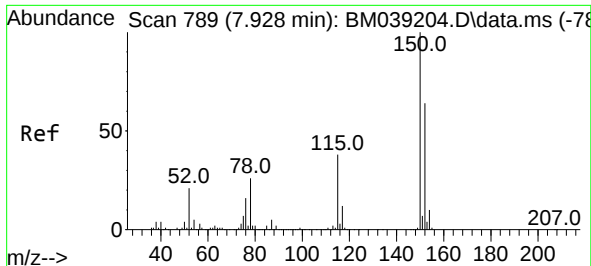
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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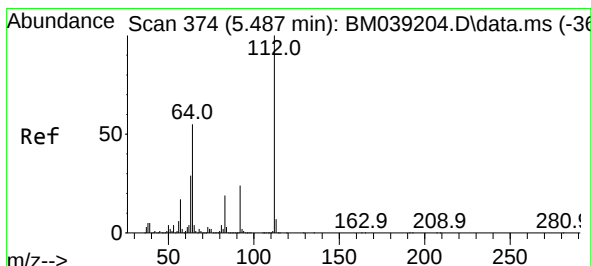
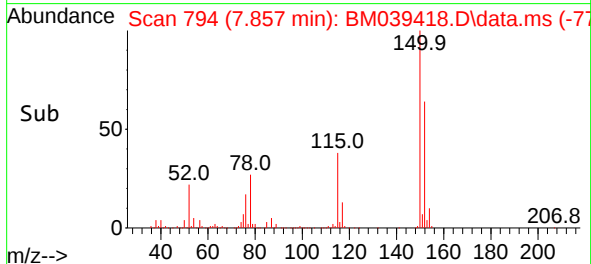
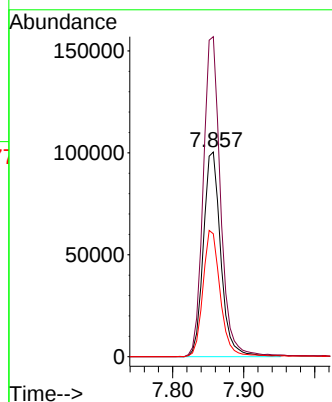
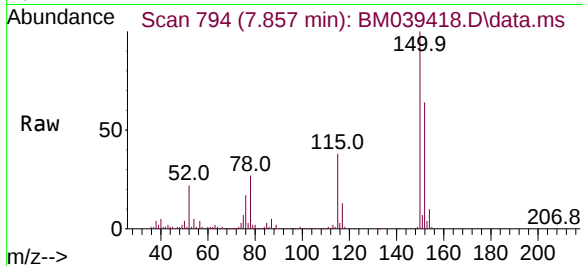




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

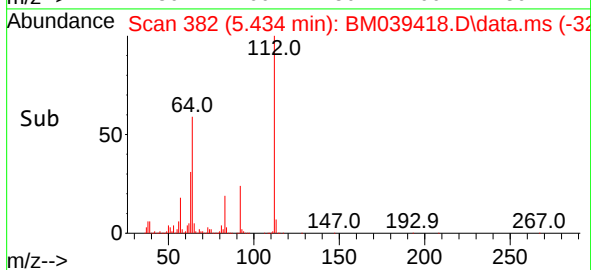
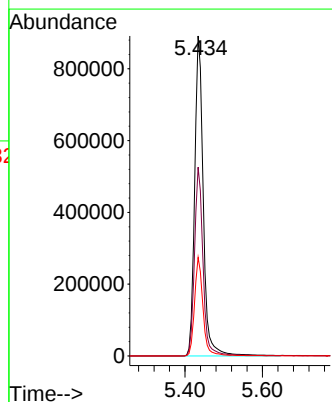
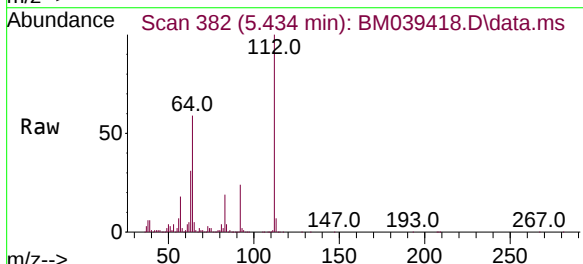
Instrument :
BNA_M
ClientSampleId :
IDW-SO-G2-041123

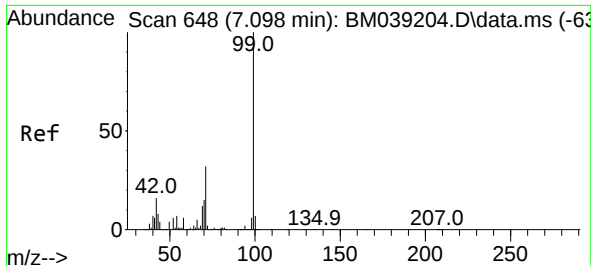
Tgt Ion:152 Resp: 171888
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 121.013 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.012 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

Tgt Ion:112 Resp: 1380633
Ion Ratio Lower Upper
112 100
64 59.0 44.3 66.5
63 30.8 23.0 34.6

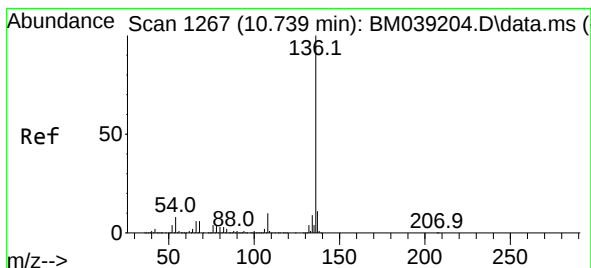
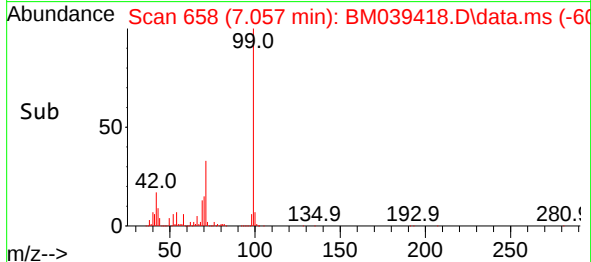
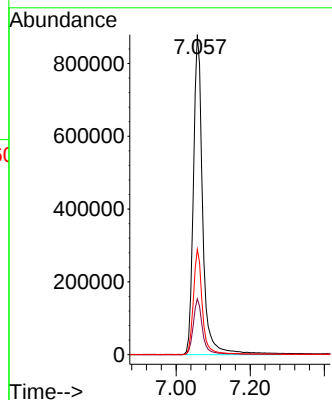
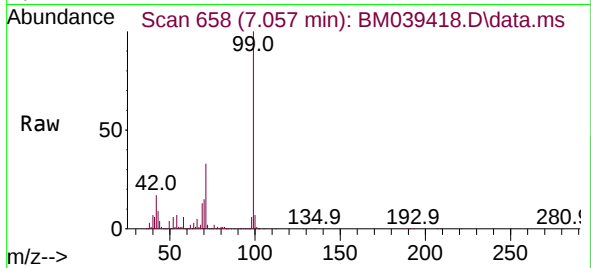




#7
Phenol-d6
Concen: 104.425 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

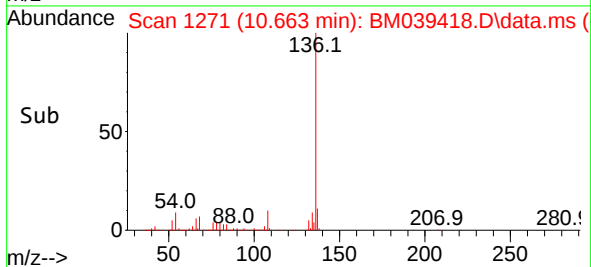
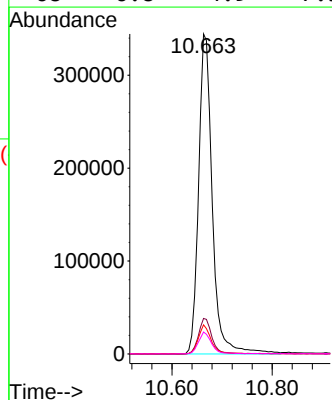
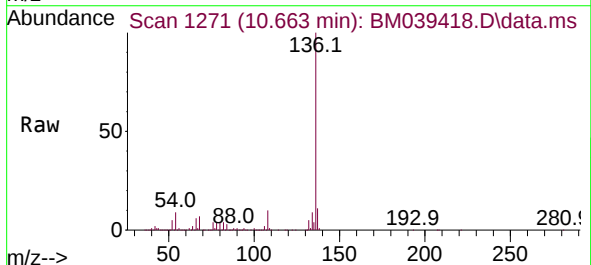
Instrument :
BNA_M
ClientSampleId :
IDW-SO-G2-041123

Tgt Ion: 99 Resp: 1540965
Ion Ratio Lower Upper
99 100
42 17.5 13.0 19.6
71 32.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

Tgt Ion: 136 Resp: 652956
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 6.2 9.4
68 6.8 4.9 7.3

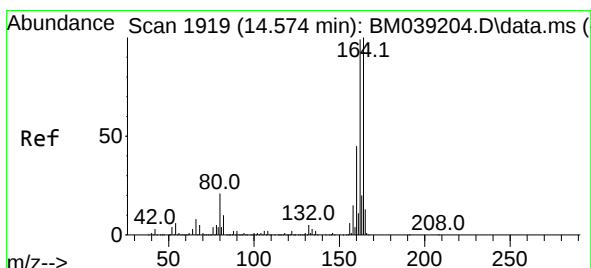
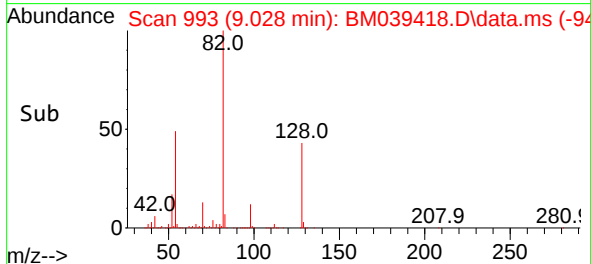
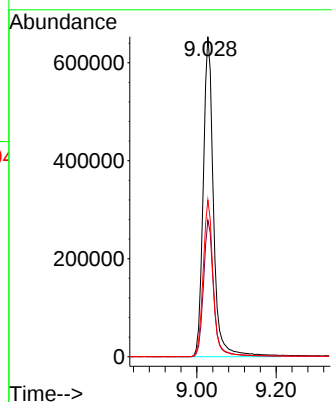
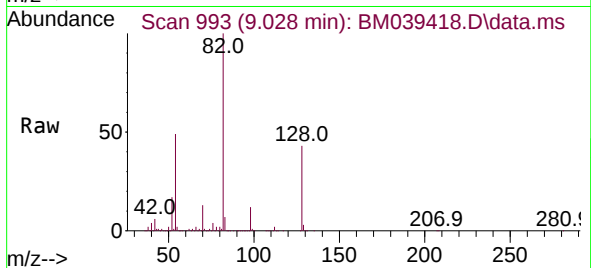




#23
Nitrobenzene-d5
Concen: 87.861 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

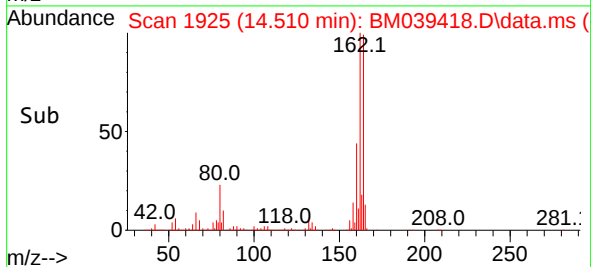
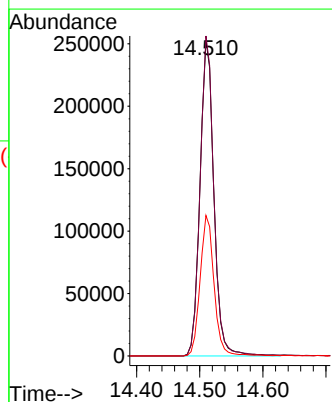
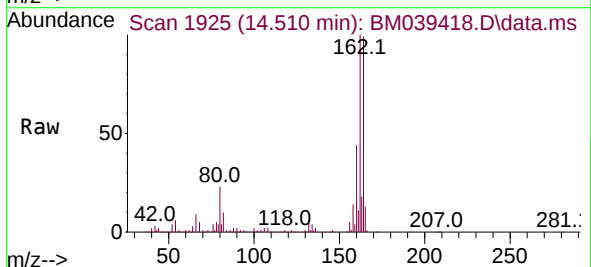
Instrument :
BNA_M
ClientSampleId :
IDW-SO-G2-041123

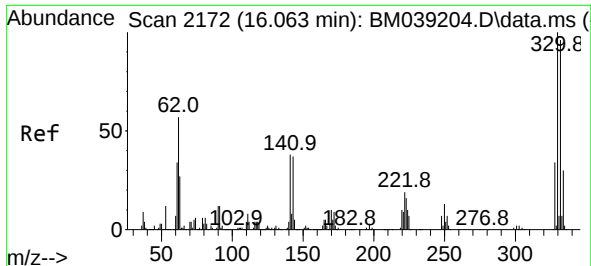
Tgt Ion: 82 Resp: 1180381
Ion Ratio Lower Upper
82 100
128 42.7 35.1 52.7
54 49.0 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

Tgt Ion:164 Resp: 386596
Ion Ratio Lower Upper
164 100
162 101.4 79.1 118.7
160 44.5 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 135.044 ng

RT: 16.010 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM039418.D

Acq: 13 Apr 2023 19:33

Instrument :

BNA_M

ClientSampleId :

IDW-SO-G2-041123

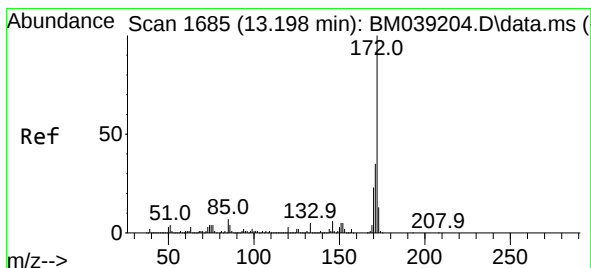
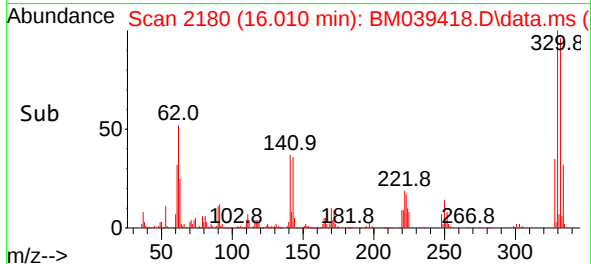
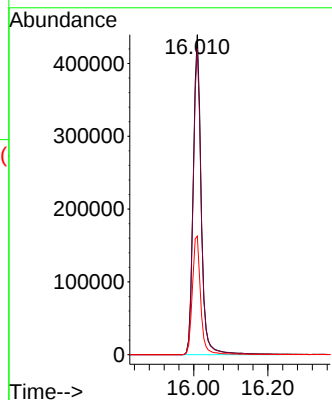
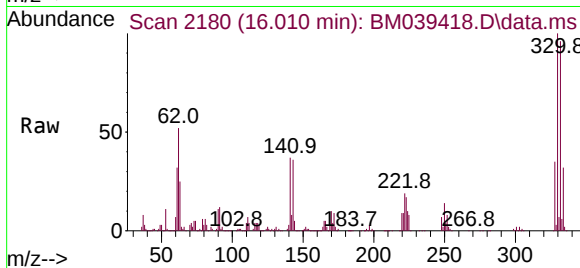
Tgt Ion:330 Resp: 662724

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 38.2 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 85.980 ng

RT: 13.133 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM039418.D

Acq: 13 Apr 2023 19:33

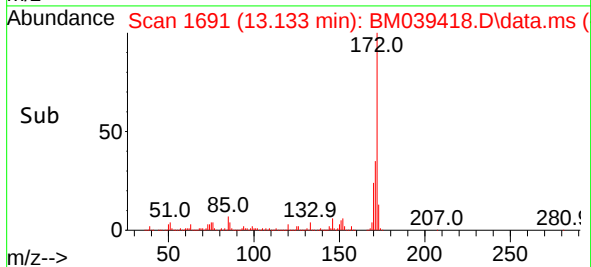
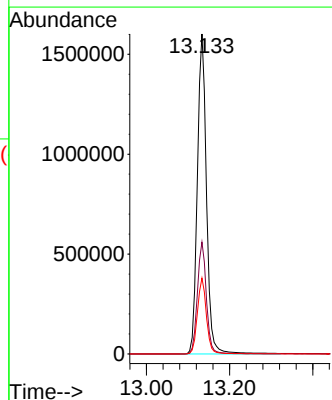
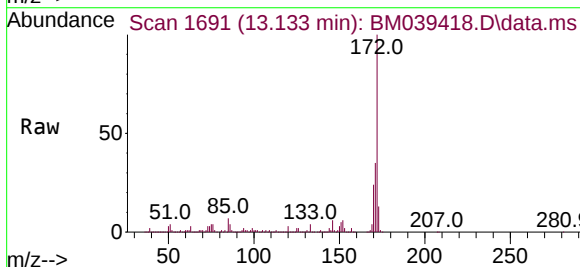
Tgt Ion:172 Resp: 2453272

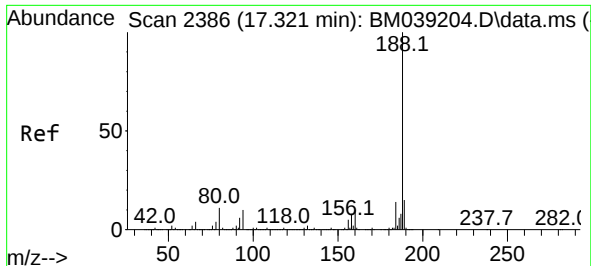
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.7 18.7 28.1

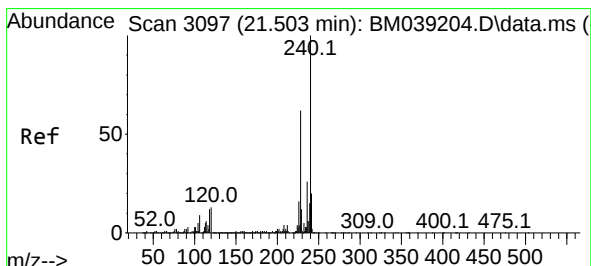
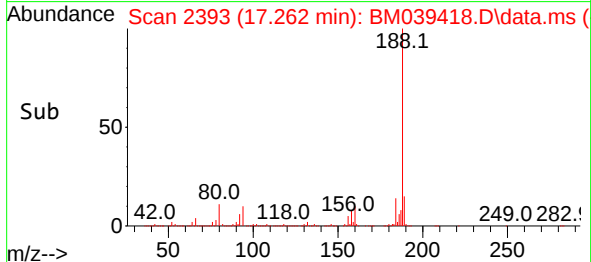
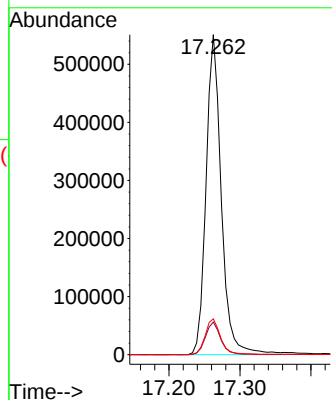
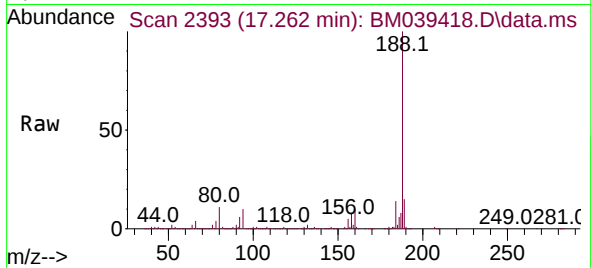




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

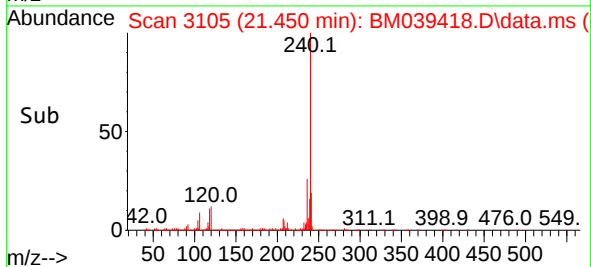
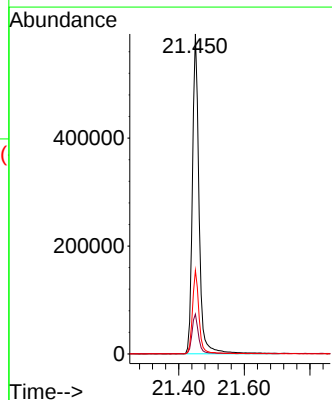
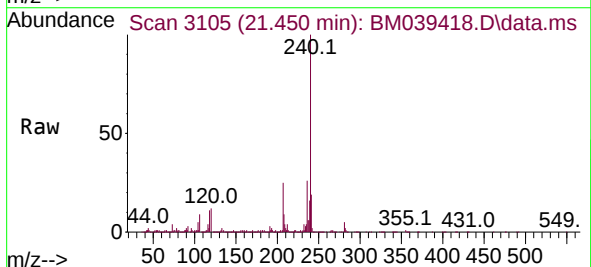
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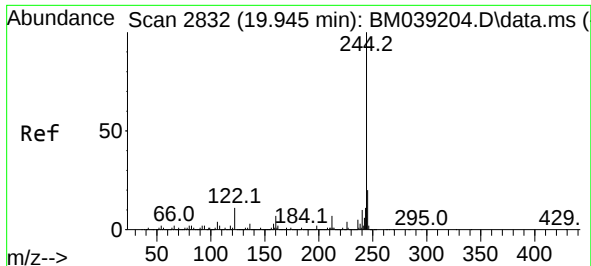
Tgt Ion:188 Resp: 822567
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM039418.D
Acq: 13 Apr 2023 19:33

Tgt Ion:240 Resp: 837884
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.2
236 26.1 20.9 31.3

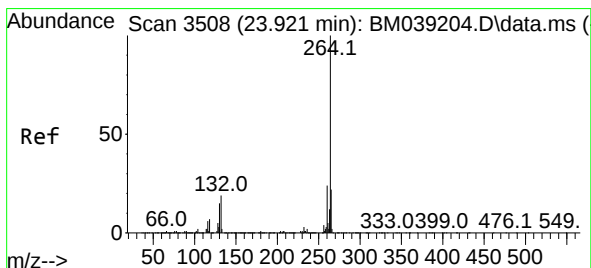
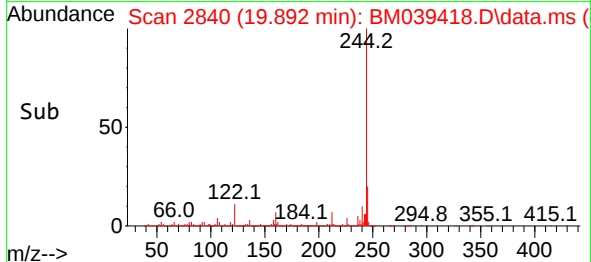
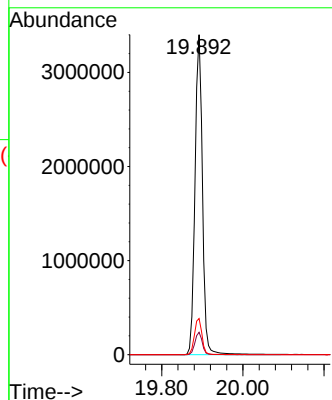
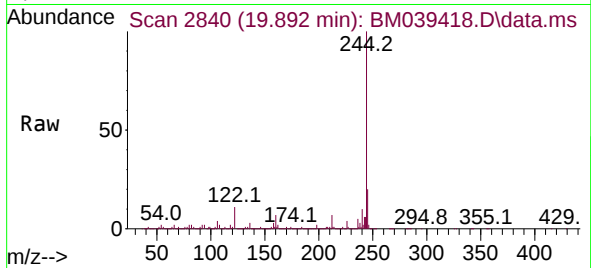




#79
 Terphenyl-d14
 Concen: 95.906 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039418.D
 Acq: 13 Apr 2023 19:33

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-G2-041123

Tgt Ion:244 Resp: 4349442
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 3510
 Delta R.T. -0.018 min
 Lab File: BM039418.D
 Acq: 13 Apr 2023 19:33

Tgt Ion:264 Resp: 945171
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.6 18.1 27.1

