

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
 Data File : BM039431.D
 Acq On : 14 Apr 2023 13:11
 Operator : CG/JU
 Sample : PB152106BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152106BL

Quant Time: Apr 14 14:20:24 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	7.851	152	240297	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	941766	20.000	ng	-0.01
39) Acenaphthene-d10	14.510	164	557358	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	1083319	20.000	ng	0.00
76) Chrysene-d12	21.450	240	819091	20.000	ng	-0.01
86) Perylene-d12	23.838	264	805033	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2181491	136.774	ng	0.00
7) Phenol-d6	7.051	99	2719204	131.811	ng	0.02
23) Nitrobenzene-d5	9.028	82	1674598	86.422	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	857533	121.204	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	3522331	85.626	ng	0.00
79) Terphenyl-d14	19.892	244	4511972	101.773	ng	0.00

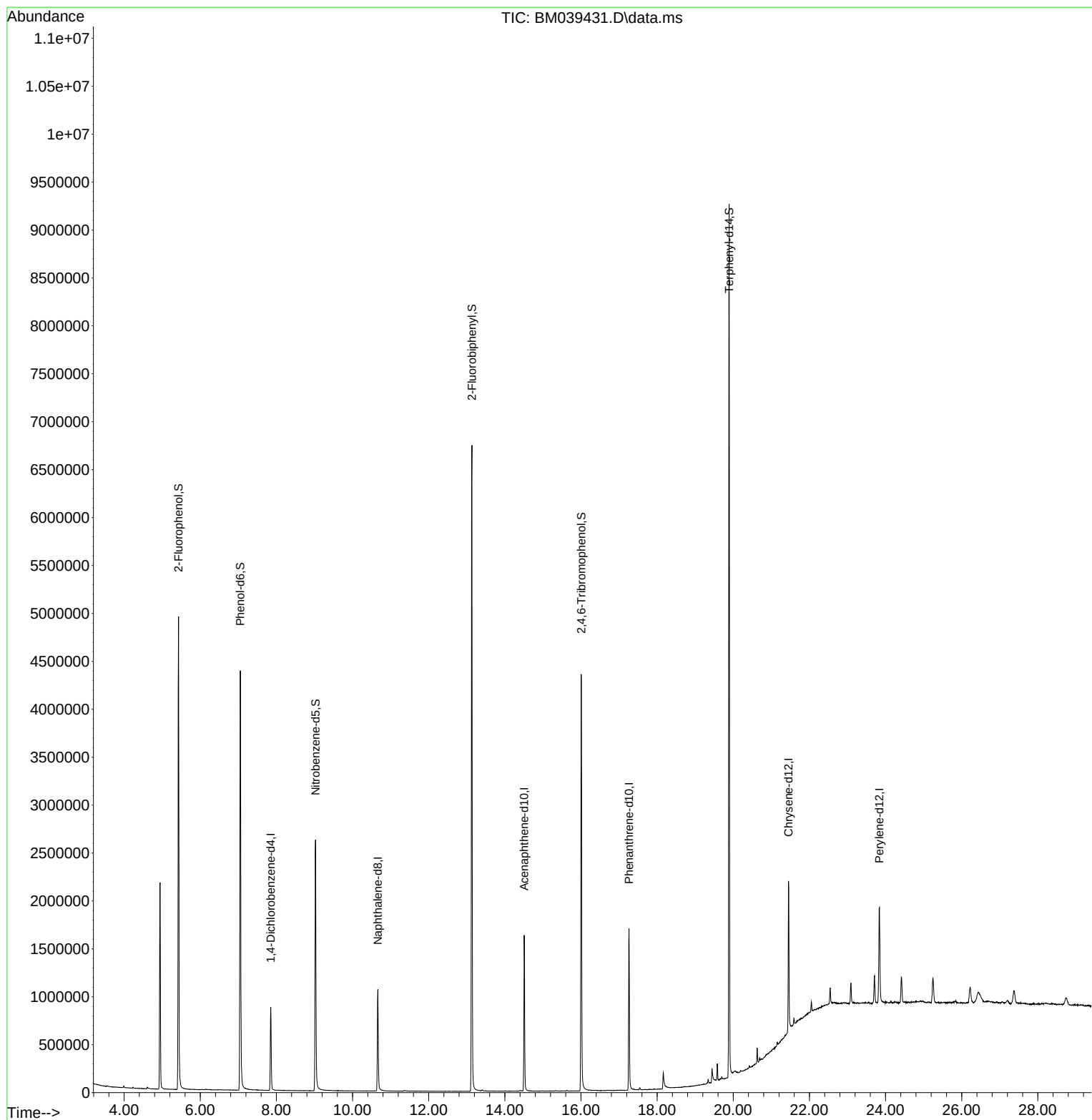
Target Compounds	Qvalue

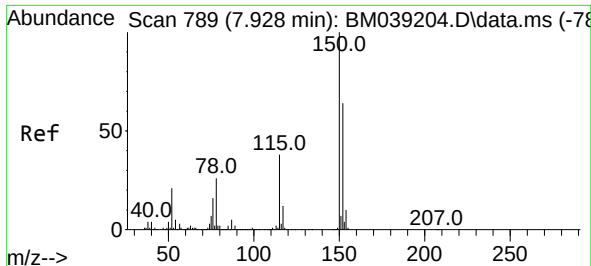
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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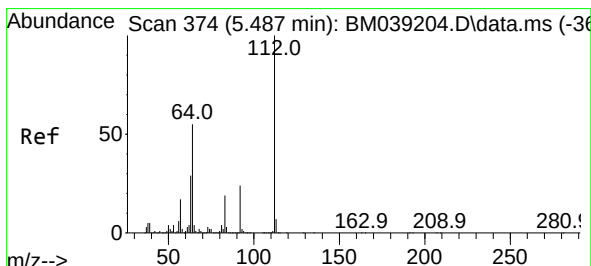
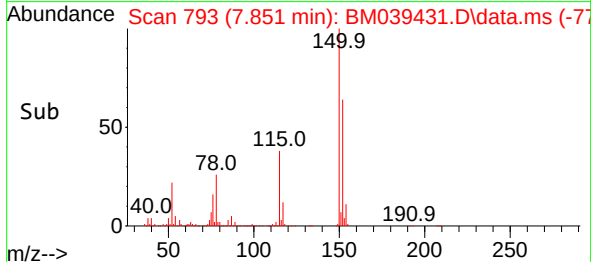
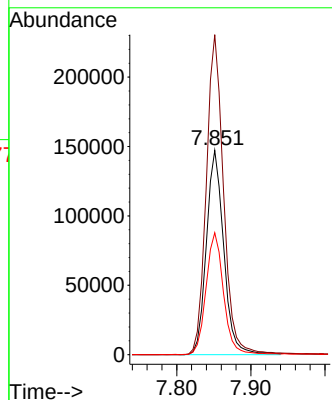
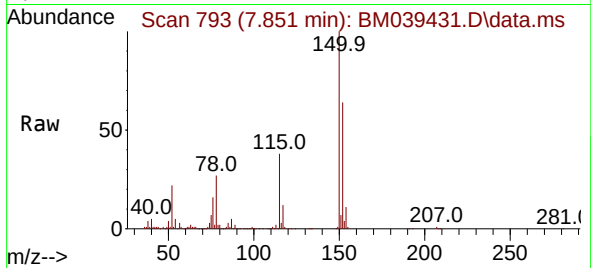




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.012 min
Lab File: BM039431.D
Acq: 14 Apr 2023 13:11

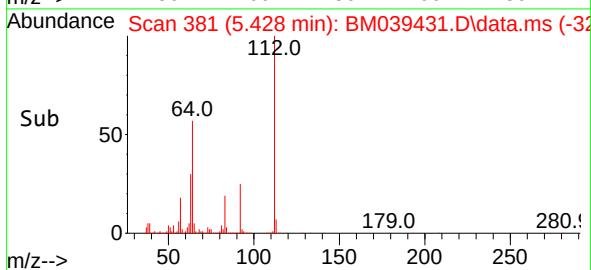
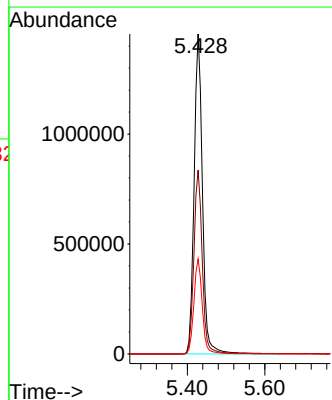
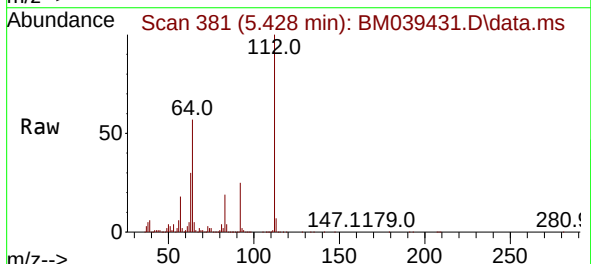
Instrument :
BNA_M
ClientSampleId :
PB152106BL

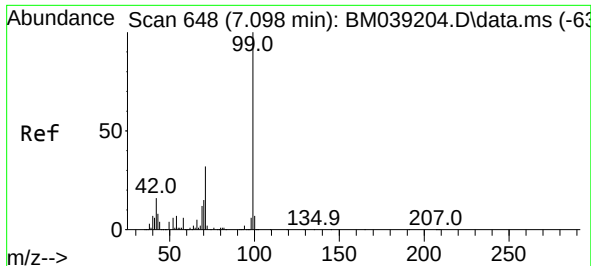
Tgt Ion:152 Resp: 240297
Ion Ratio Lower Upper
152 100
150 156.6 125.5 188.3
115 59.7 48.1 72.1



#5
2-Fluorophenol
Concen: 136.774 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039431.D
Acq: 14 Apr 2023 13:11

Tgt Ion:112 Resp: 2181491
Ion Ratio Lower Upper
112 100
64 57.4 44.3 66.5
63 29.7 23.0 34.6

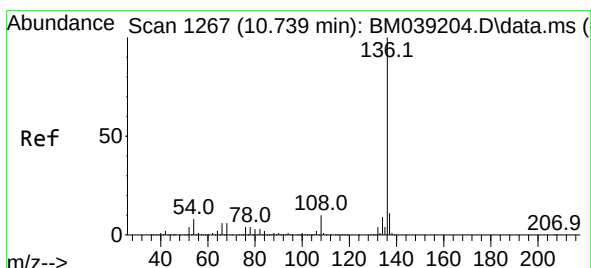
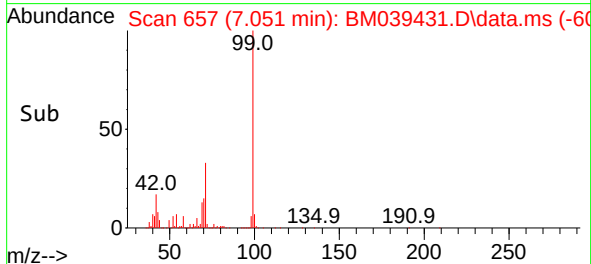
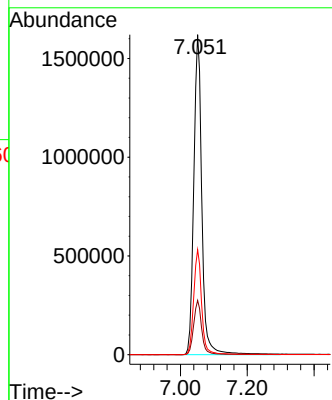
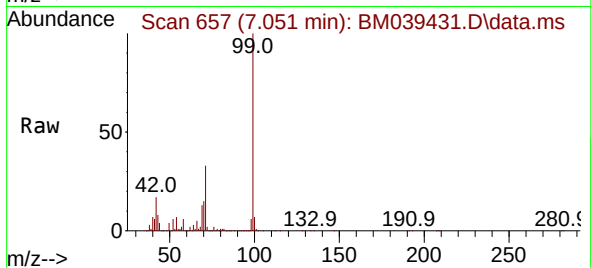




#7
Phenol-d6
Concen: 131.811 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM039431.D
Acq: 14 Apr 2023 13:11

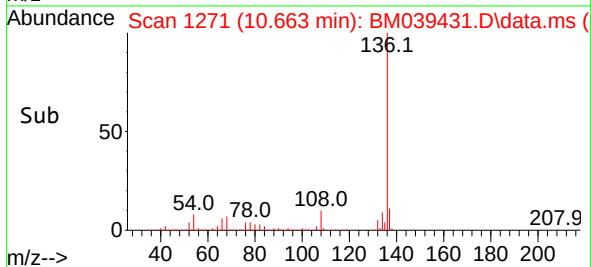
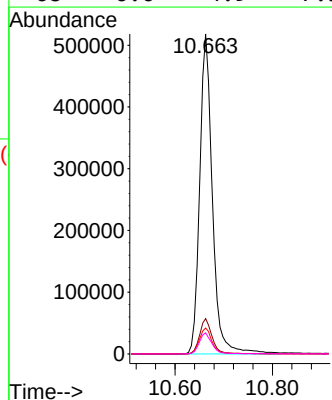
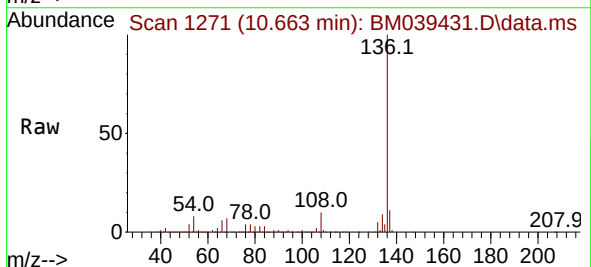
Instrument :
BNA_M
ClientSampleId :
PB152106BL

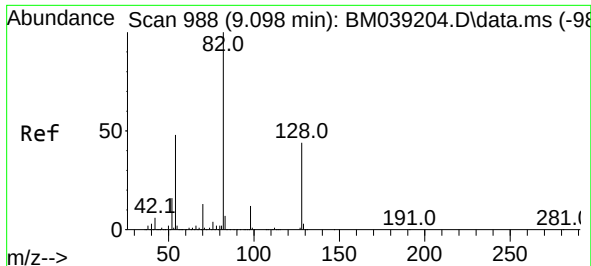
Tgt Ion: 99 Resp: 2719204
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 32.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039431.D
Acq: 14 Apr 2023 13:11

Tgt Ion: 136 Resp: 941766
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.2 9.4
68 6.6 4.9 7.3

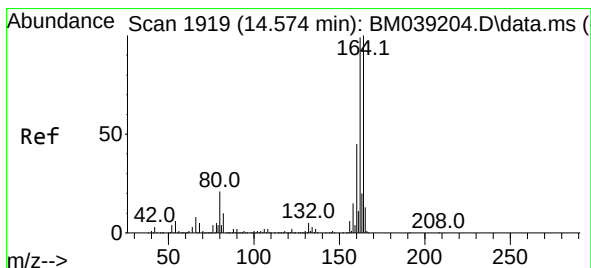
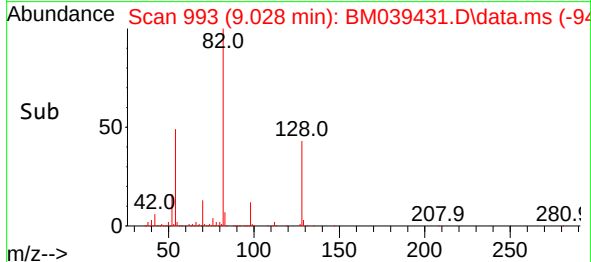
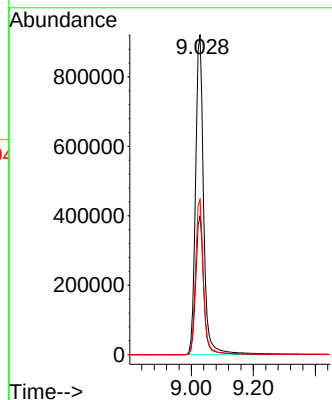
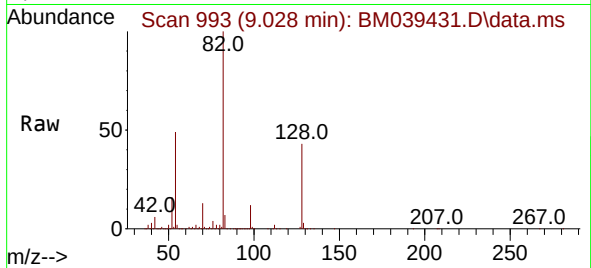




#23
Nitrobenzene-d5
Concen: 86.422 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039431.D
Acq: 14 Apr 2023 13:11

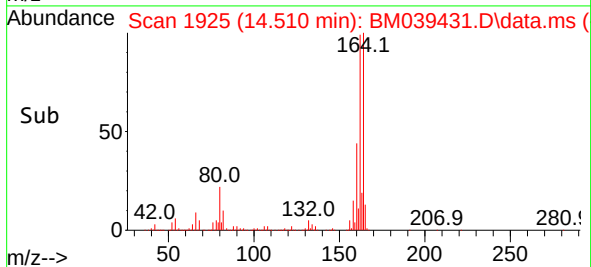
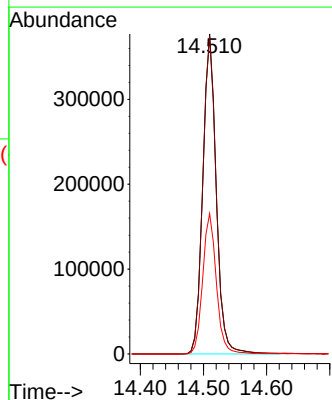
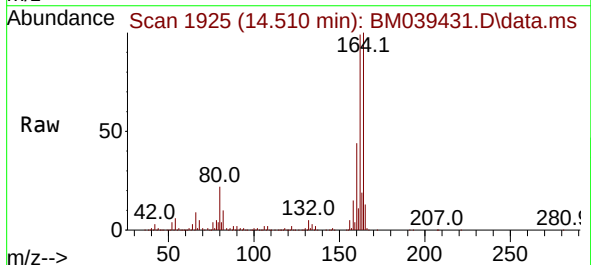
Instrument :
BNA_M
ClientSampleId :
PB152106BL

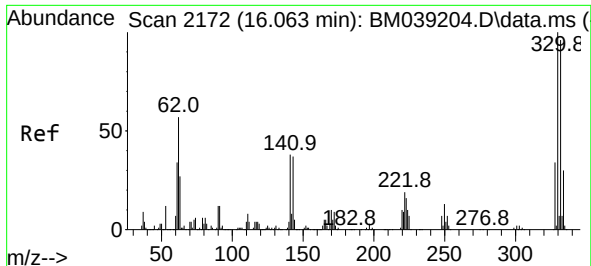
Tgt Ion: 82 Resp: 1674598
Ion Ratio Lower Upper
82 100
128 43.3 35.1 52.7
54 48.5 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039431.D
Acq: 14 Apr 2023 13:11

Tgt Ion: 164 Resp: 557358
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 43.9 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 121.204 ng

RT: 16.010 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM039431.D

Acq: 14 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB152106BL

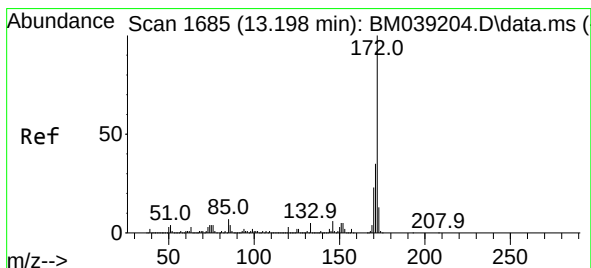
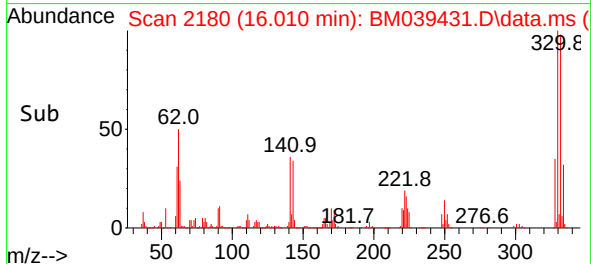
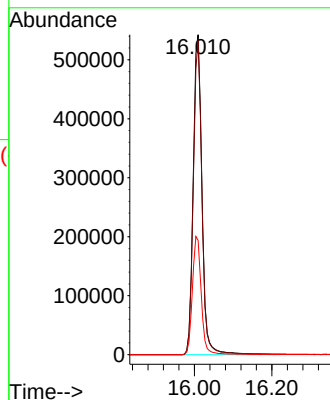
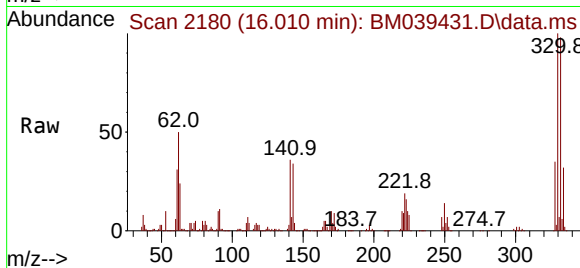
Tgt Ion:330 Resp: 857533

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 37.2 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 85.626 ng

RT: 13.133 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM039431.D

Acq: 14 Apr 2023 13:11

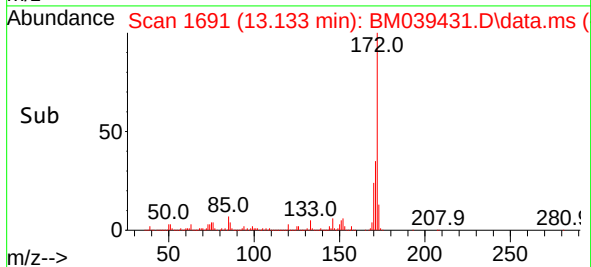
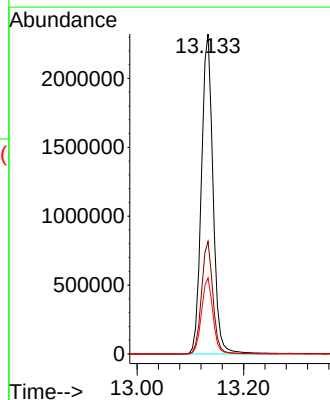
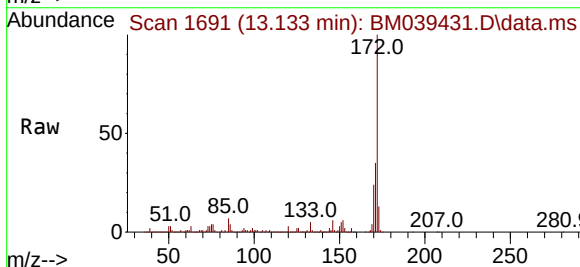
Tgt Ion:172 Resp: 3522331

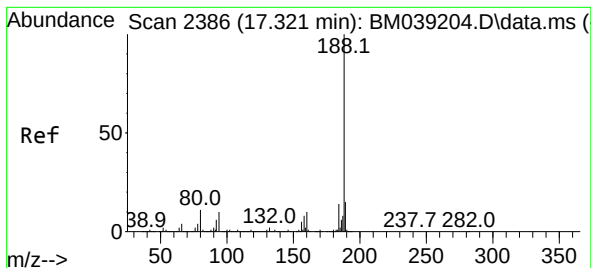
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.8 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: BM039431.D

Acq: 14 Apr 2023 13:11

Instrument :

BNA_M

ClientSampleId :

PB152106BL

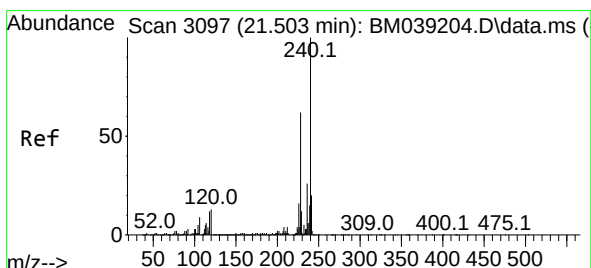
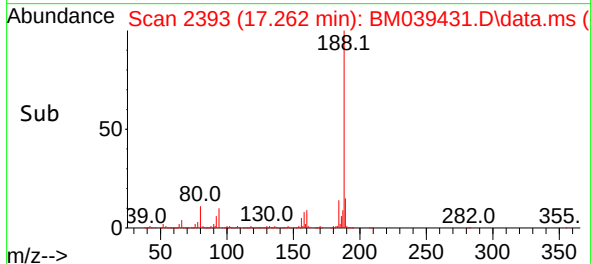
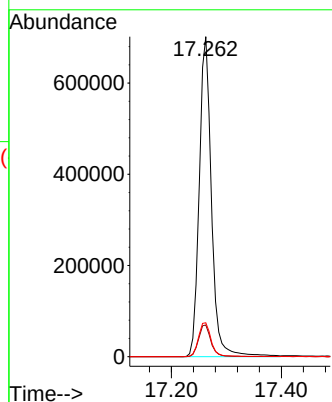
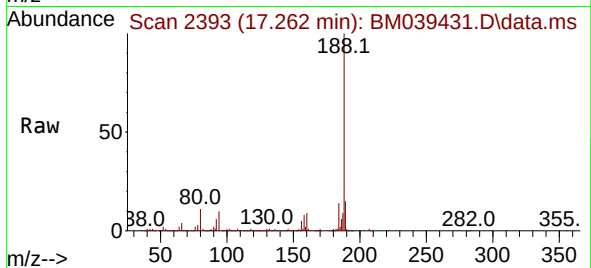
Tgt Ion:188 Resp: 1083319

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 10.6 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: BM039431.D

Acq: 14 Apr 2023 13:11

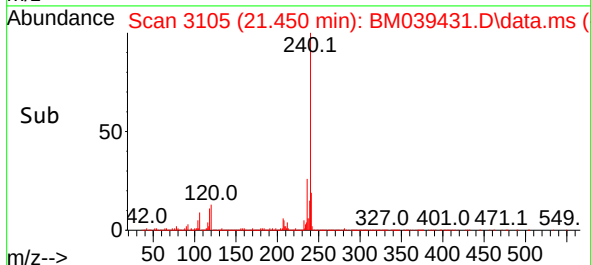
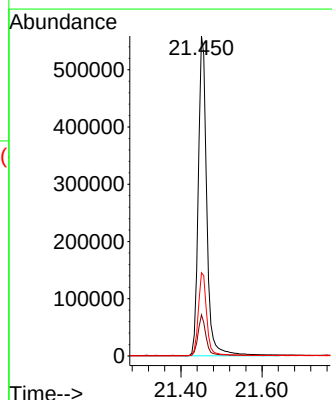
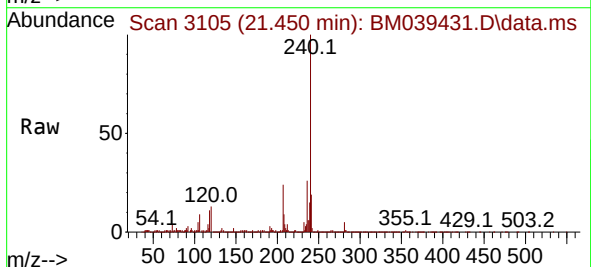
Tgt Ion:240 Resp: 819091

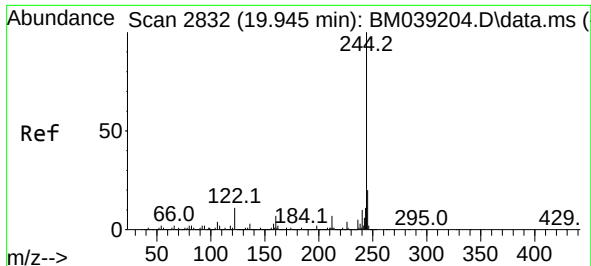
Ion Ratio Lower Upper

240 100

120 12.8 10.2 15.2

236 26.0 20.9 31.3

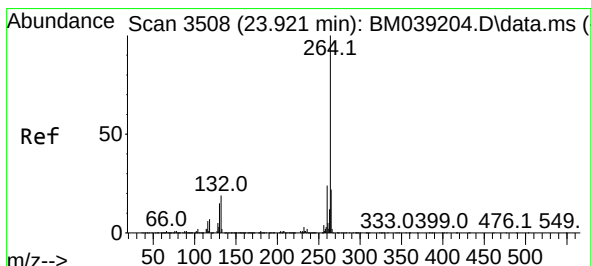
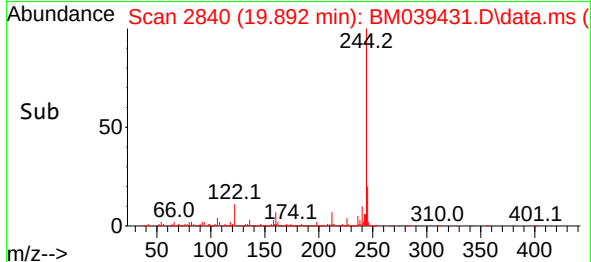
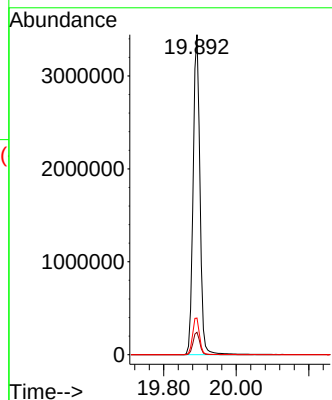
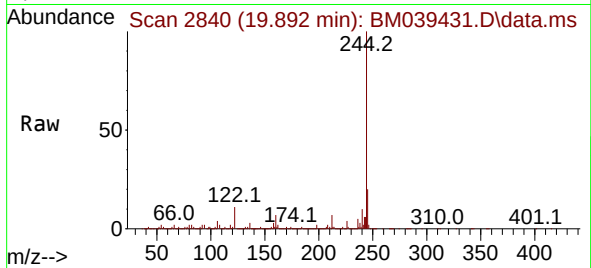




#79
 Terphenyl-d14
 Concen: 101.773 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039431.D
 Acq: 14 Apr 2023 13:11

Instrument :
 BNA_M
 ClientSampleId :
 PB152106BL

Tgt Ion:244 Resp: 4511972
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.5 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BM039431.D
 Acq: 14 Apr 2023 13:11

Tgt Ion:264 Resp: 805033
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.4 18.1 27.1

