

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039980.D
 Acq On : 24 May 2023 12:36
 Operator : CG/JU
 Sample : PB152902BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152902BL

Quant Time: May 24 13:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	255798	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	962495	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	458944	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	841612	20.000	ng	0.00
76) Chrysene-d12	21.568	240	597104	20.000	ng	0.00
86) Perylene-d12	24.021	264	708376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1681160	100.814	ng	0.00
7) Phenol-d6	7.169	99	1975861	90.830	ng	0.00
23) Nitrobenzene-d5	9.187	82	1662407	93.199	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	474811	79.710	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3850538	98.959	ng	0.00
79) Terphenyl-d14	20.009	244	5085910	132.253	ng	0.00

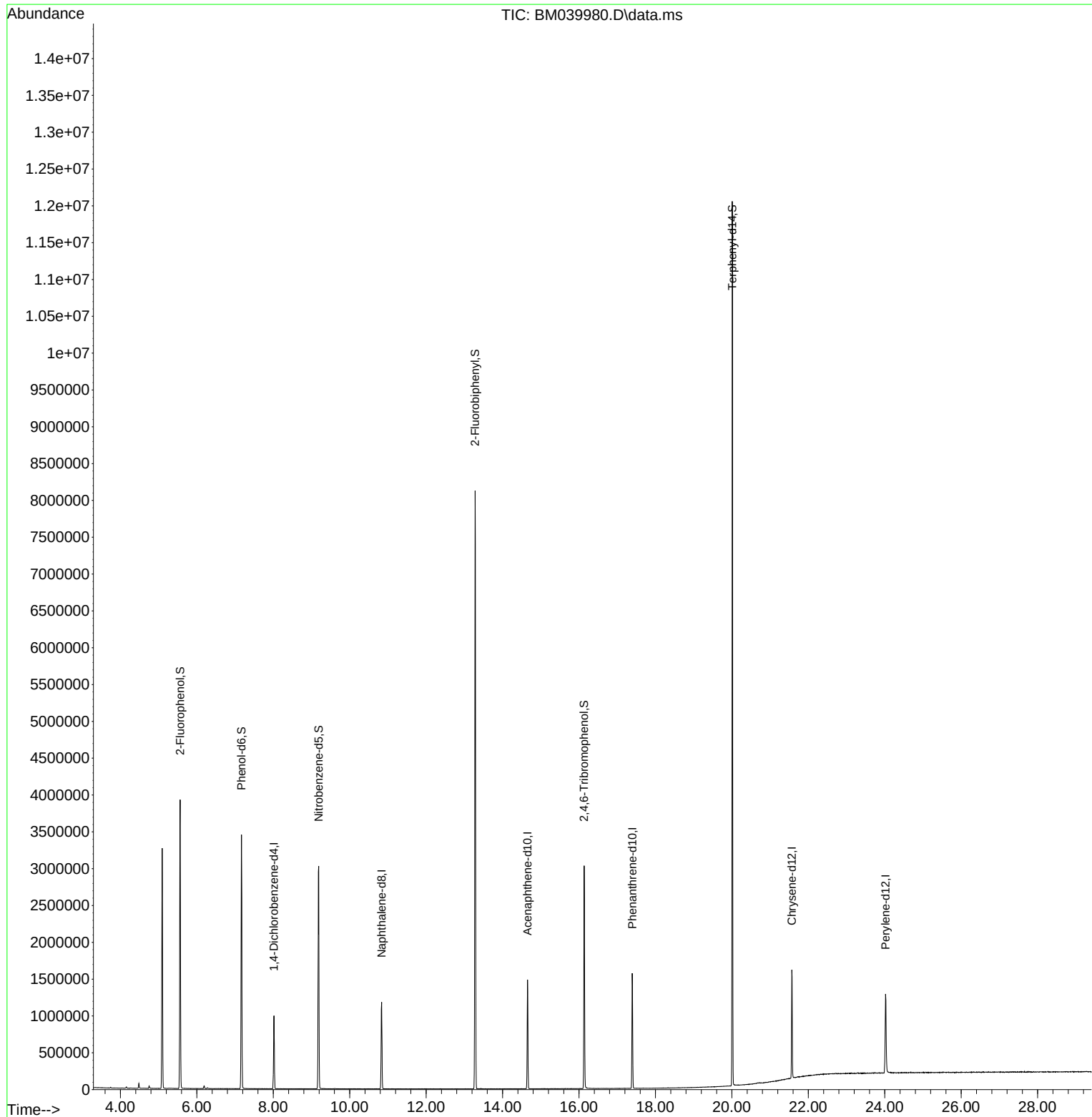
Target Compounds	Qvalue

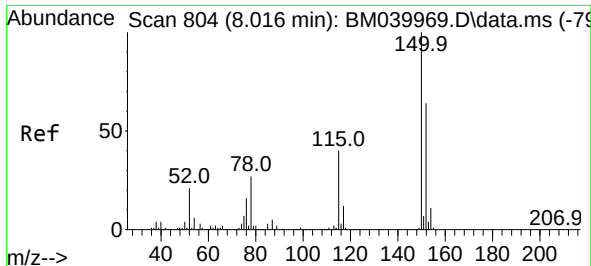
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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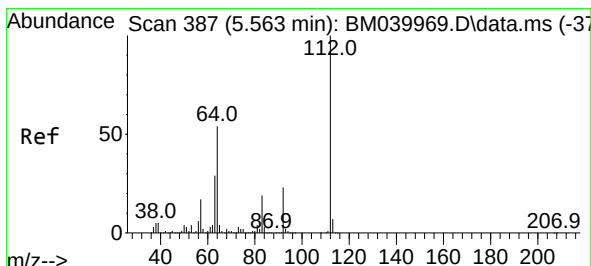
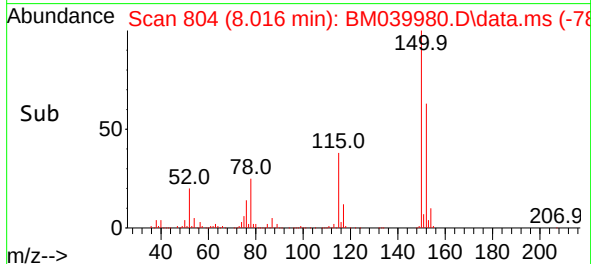
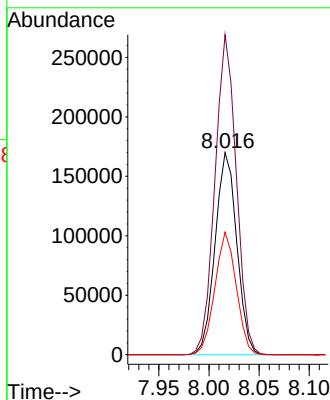
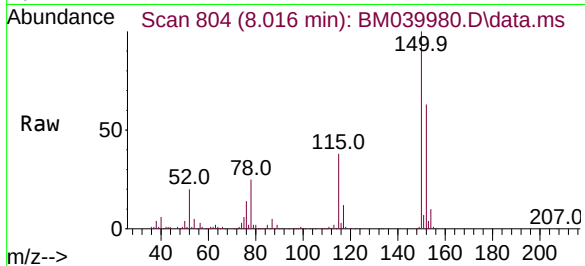




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM039980.D
Acq: 24 May 2023 12:36

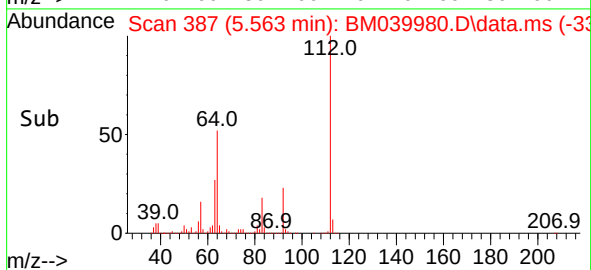
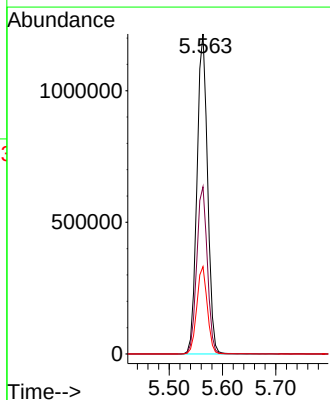
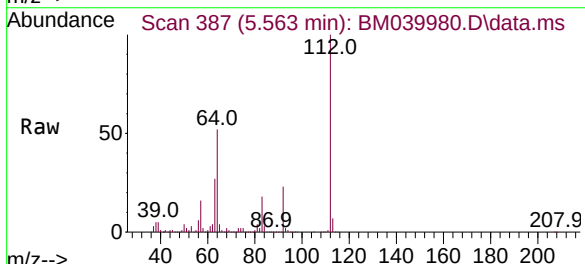
Instrument :
BNA_M
ClientSampleId :
PB152902BL

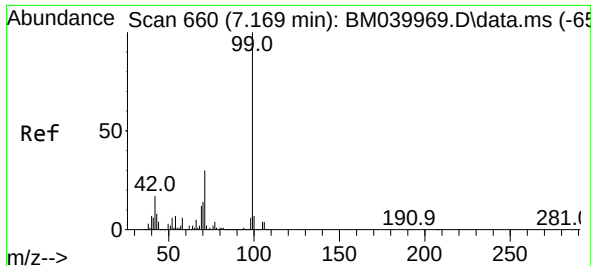
Tgt Ion:152 Resp: 255798
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 60.7 50.2 75.2



#5
2-Fluorophenol
Concen: 100.814 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039980.D
Acq: 24 May 2023 12:36

Tgt Ion:112 Resp: 1681160
Ion Ratio Lower Upper
112 100
64 52.3 43.0 64.4
63 27.3 22.9 34.3

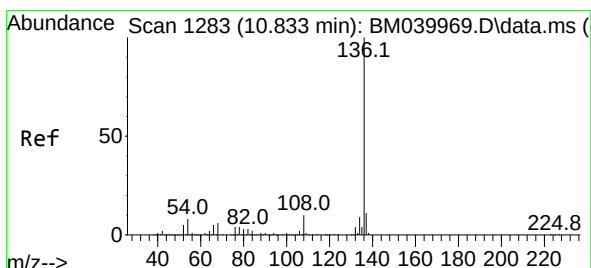
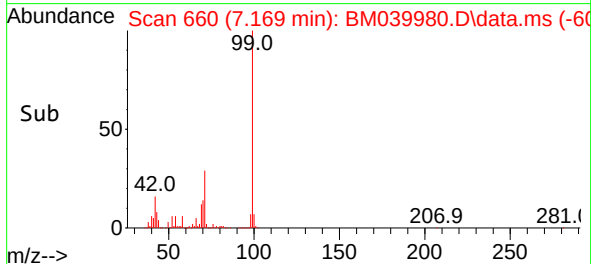
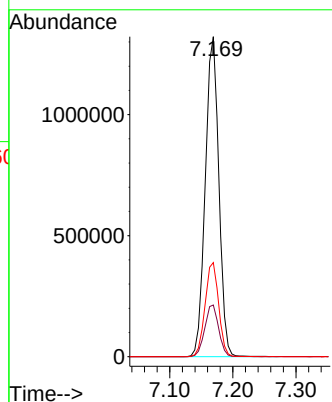
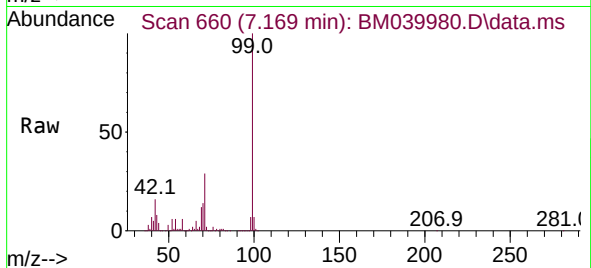




#7
Phenol-d6
Concen: 90.830 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039980.D
Acq: 24 May 2023 12:36

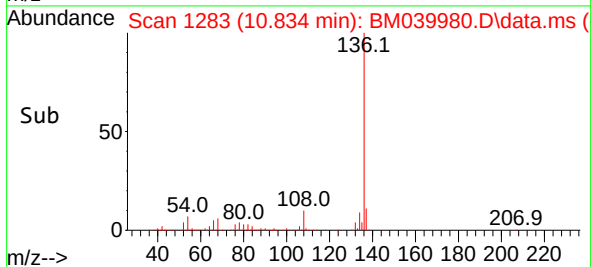
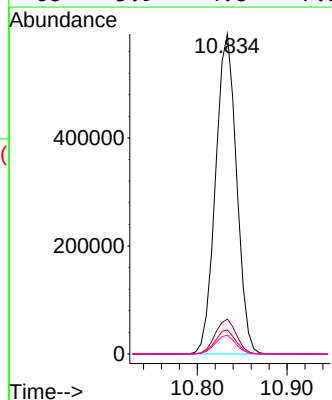
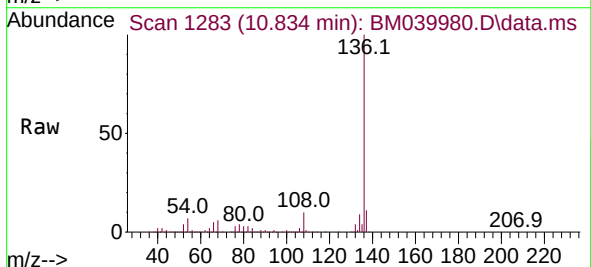
Instrument :
BNA_M
ClientSampleId :
PB152902BL

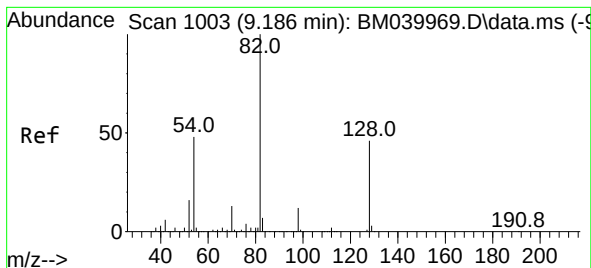
Tgt Ion: 99 Resp: 1975861
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 29.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BM039980.D
Acq: 24 May 2023 12:36

Tgt Ion: 136 Resp: 962495
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.5 6.1 9.1
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.199 ng

RT: 9.187 min Scan# 1003

Delta R.T. 0.001 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

Instrument :

BNA_M

ClientSampleId :

PB152902BL

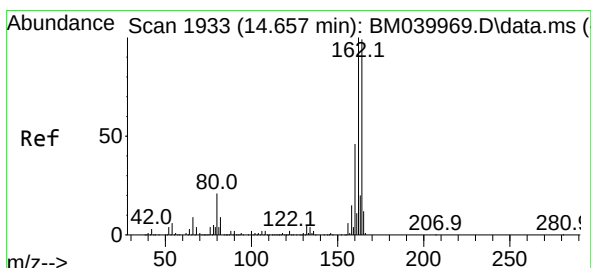
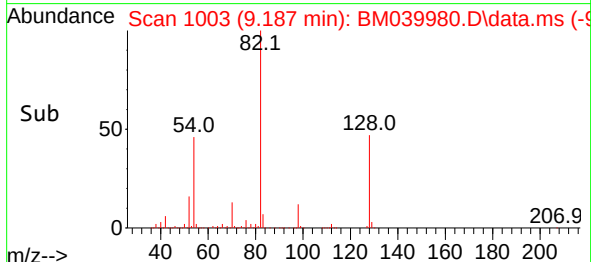
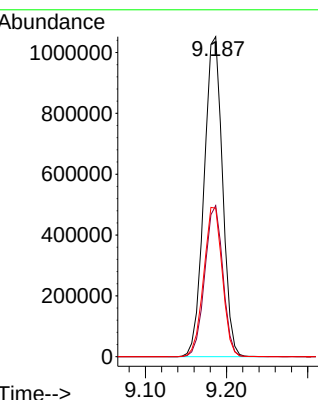
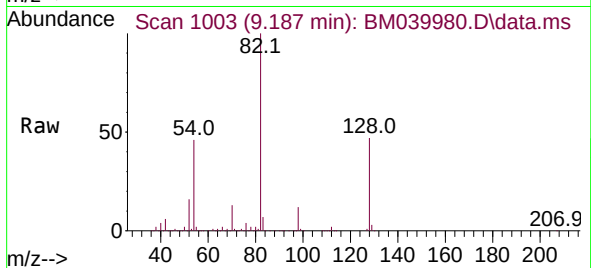
Tgt Ion: 82 Resp: 1662407

Ion Ratio Lower Upper

82 100

128 47.2 36.5 54.7

54 46.4 38.3 57.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.651 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

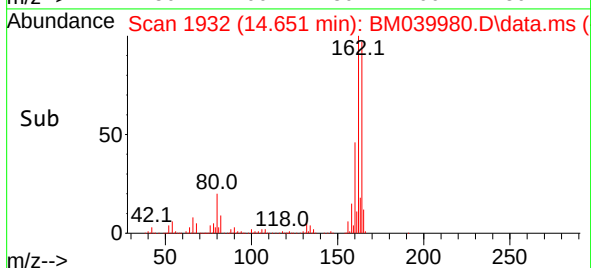
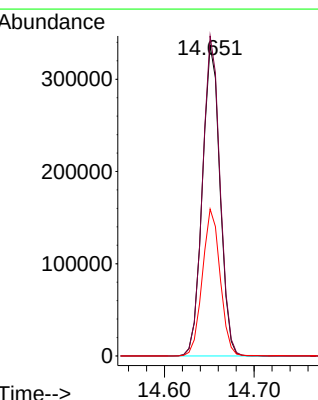
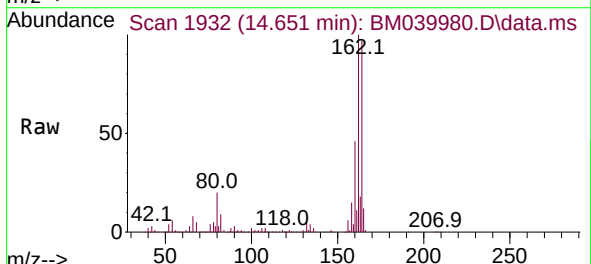
Tgt Ion:164 Resp: 458944

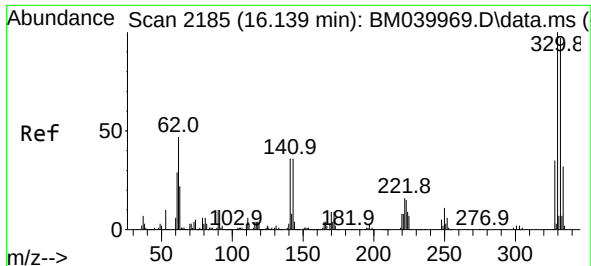
Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

160 47.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 79.710 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

Instrument :

BNA_M

ClientSampleId :

PB152902BL

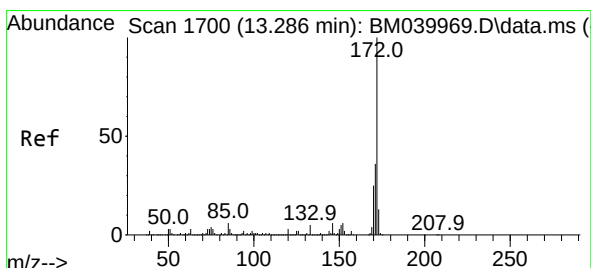
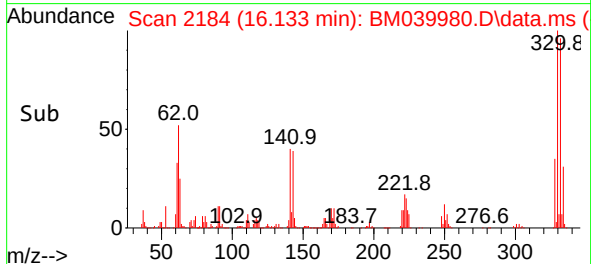
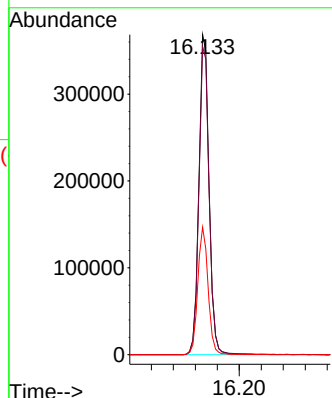
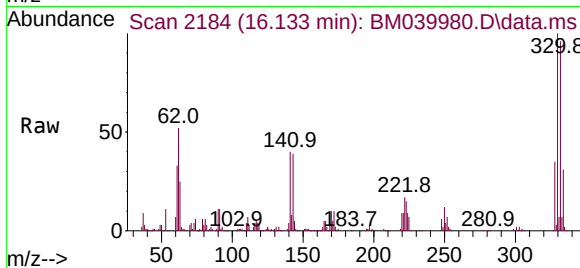
Tgt Ion:330 Resp: 474811

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 40.1 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 98.959 ng

RT: 13.280 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

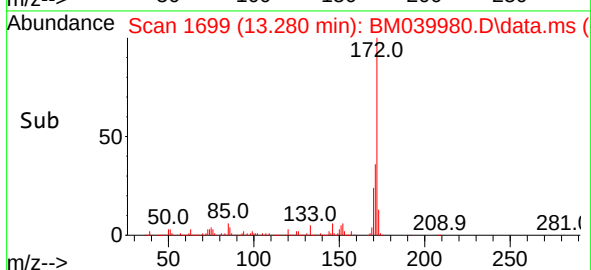
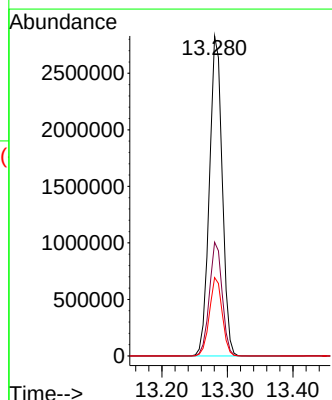
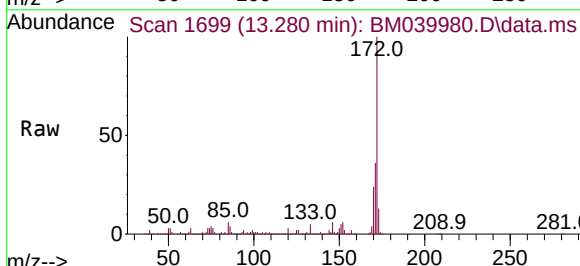
Tgt Ion:172 Resp: 3850538

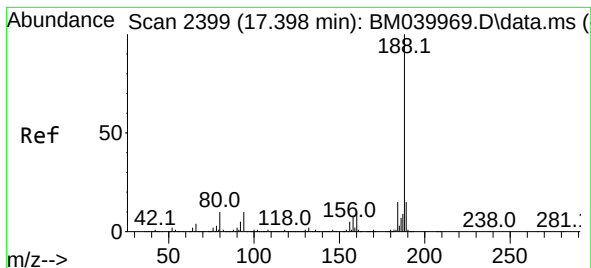
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

Instrument :

BNA_M

ClientSampleId :

PB152902BL

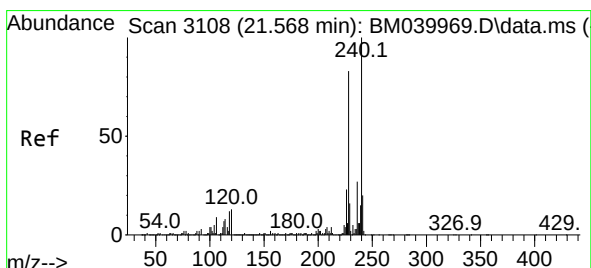
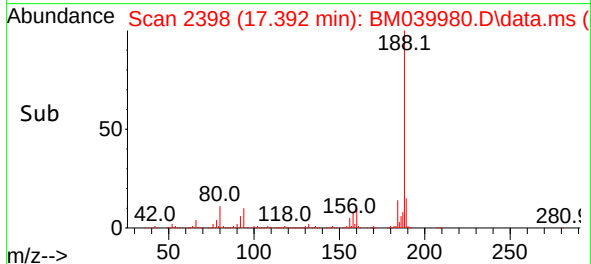
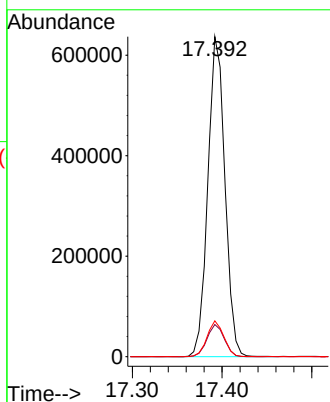
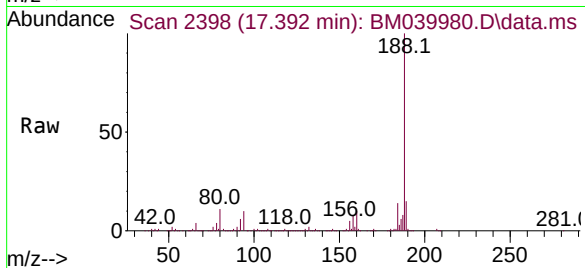
Tgt Ion:188 Resp: 841612

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.8

80 11.2 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

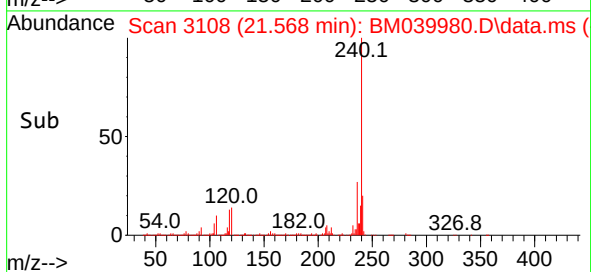
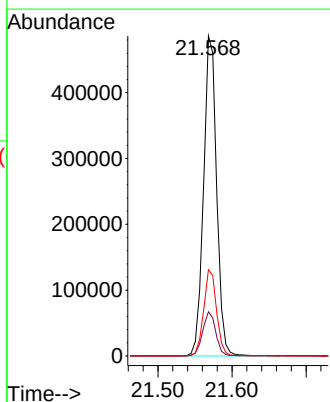
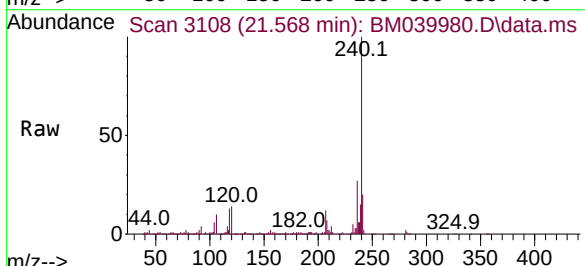
Tgt Ion:240 Resp: 597104

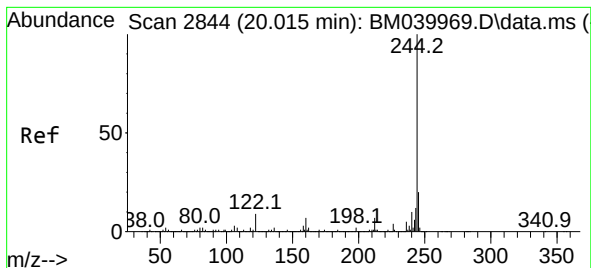
Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

236 27.0 21.3 31.9





#79

Terphenyl-d14

Concen: 132.253 ng

RT: 20.009 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

Instrument :

BNA_M

ClientSampleId :

PB152902BL

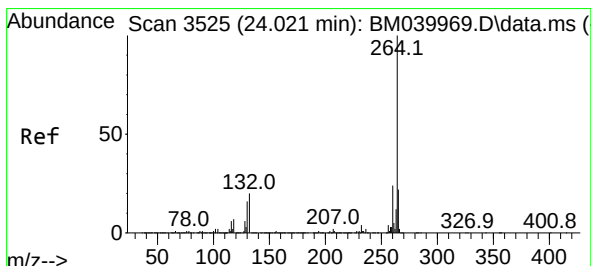
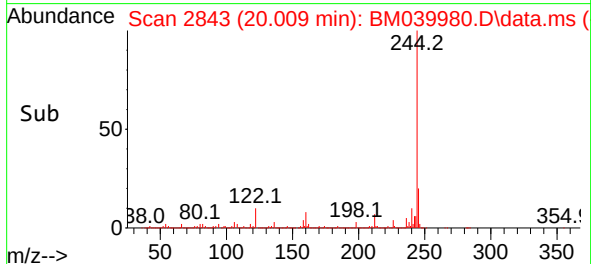
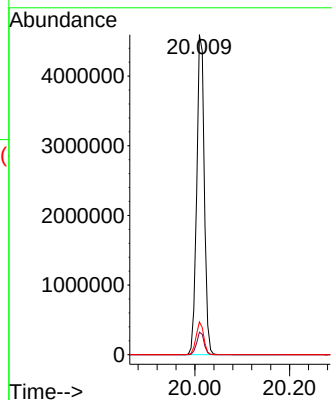
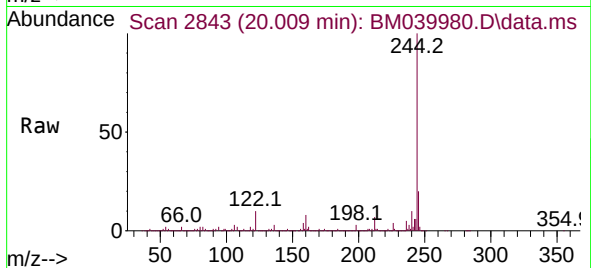
Tgt Ion:244 Resp: 5085910

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 10.3 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM039980.D

Acq: 24 May 2023 12:36

Tgt Ion:264 Resp: 708376

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.9 17.7 26.5

