

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041437.D
 Acq On : 17 Aug 2023 16:56
 Operator : MA/JU
 Sample : PB154898BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154898BL

Quant Time: Aug 17 18:42:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	124465	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	492833	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	350580	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	859275	20.000	ng	0.00
76) Chrysene-d12	21.392	240	862796	20.000	ng	0.00
86) Perylene-d12	23.750	264	1008629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1121662	149.919	ng	0.01
7) Phenol-d6	6.963	99	1406214	138.415	ng	0.01
23) Nitrobenzene-d5	8.939	82	879287	85.168	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	766914	137.847	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2207128	84.363	ng	0.00
79) Terphenyl-d14	19.827	244	4392359	88.589	ng	0.00

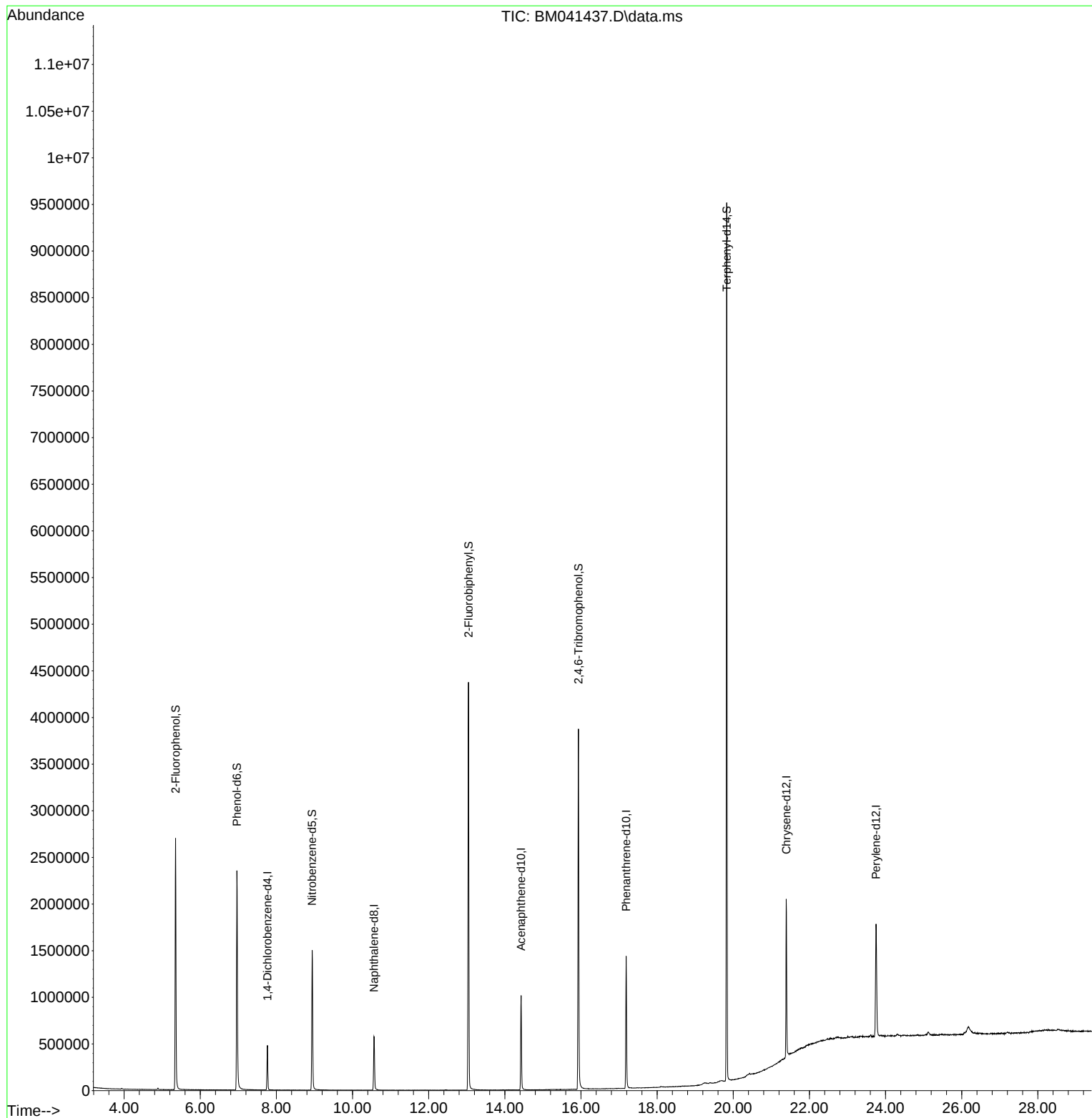
Target Compounds	Qvalue

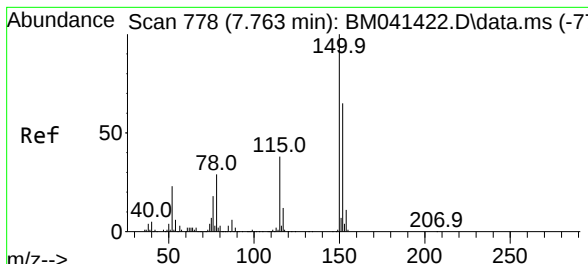
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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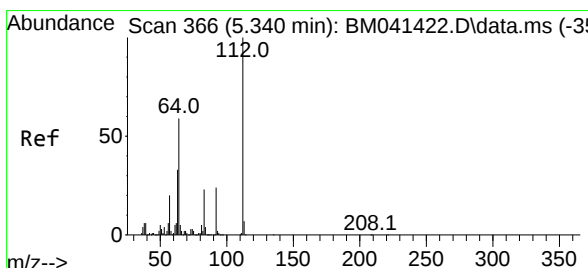
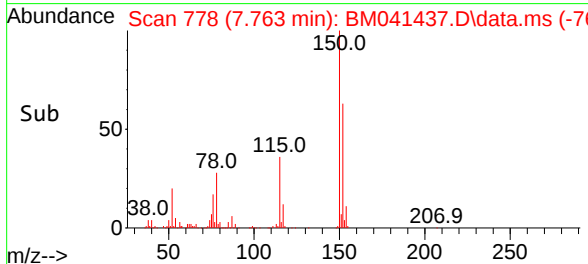
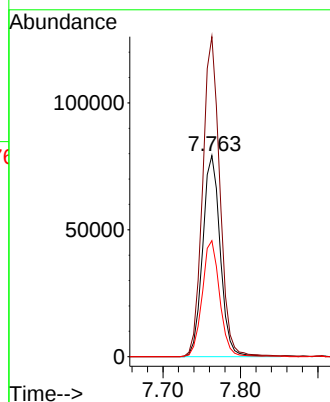
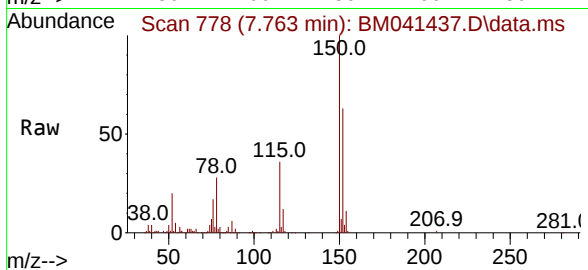


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041437.D
 Acq: 17 Aug 2023 16:56

Instrument :
 BNA_M
 ClientSampleId :
 PB154898BL

Tgt Ion:152 Resp: 124465

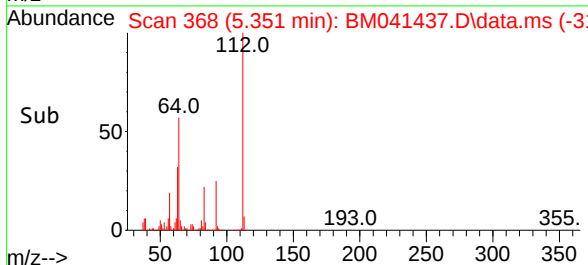
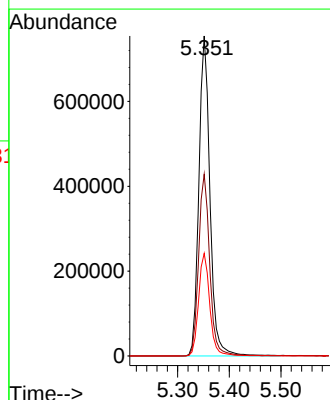
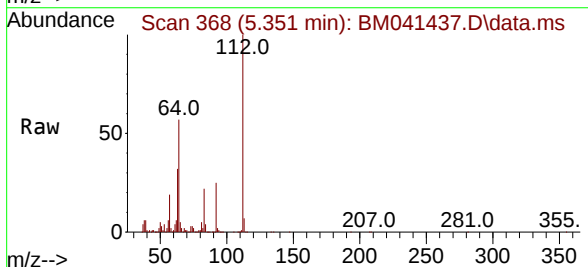
Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.8	185.6
115	57.7	46.6	70.0

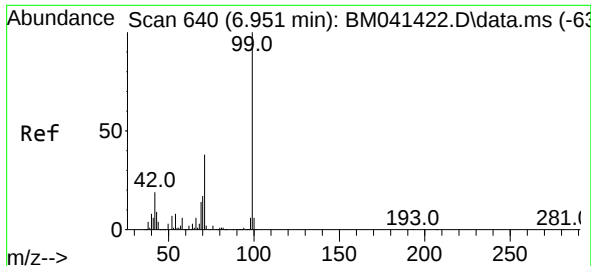


#5
 2-Fluorophenol
 Concen: 149.919 ng
 RT: 5.351 min Scan# 368
 Delta R.T. 0.012 min
 Lab File: BM041437.D
 Acq: 17 Aug 2023 16:56

Tgt Ion:112 Resp: 1121662

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.3	70.9
63	32.1	26.5	39.7



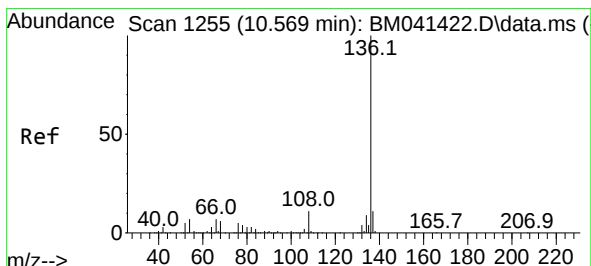
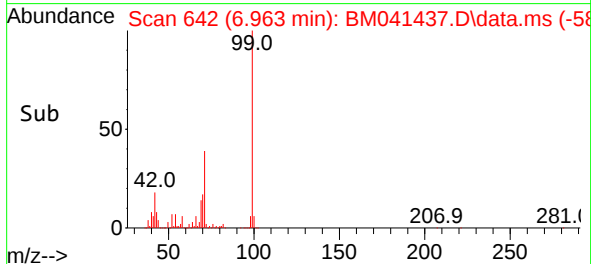
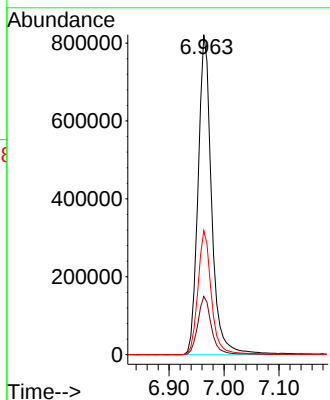
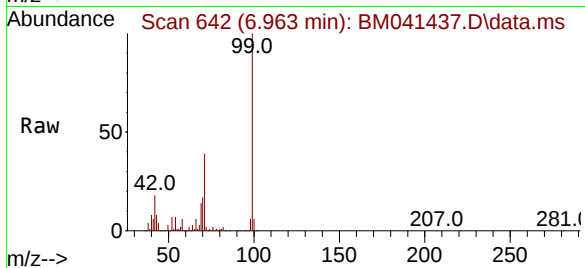


#7
Phenol-d6
Concen: 138.415 ng
RT: 6.963 min Scan# 64
Delta R.T. 0.012 min
Lab File: BM041437.D
Acq: 17 Aug 2023 16:56

Instrument :
BNA_M
ClientSampleId :
PB154898BL

Tgt Ion: 99 Resp: 1406214

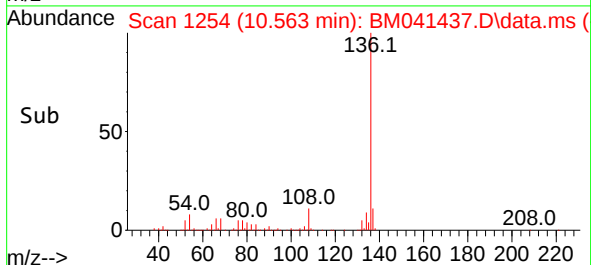
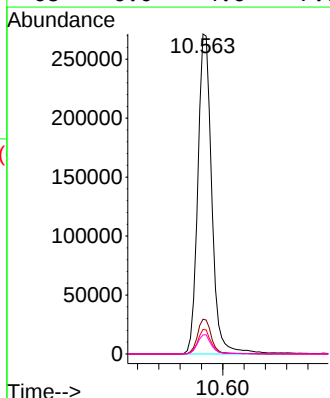
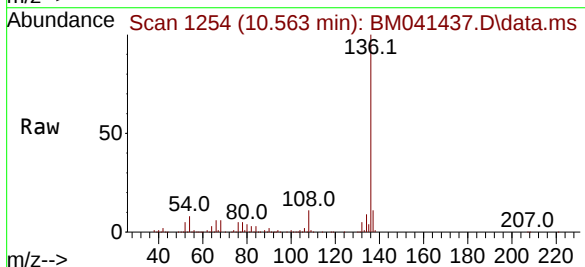
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.2	22.8
71	38.7	30.7	46.1

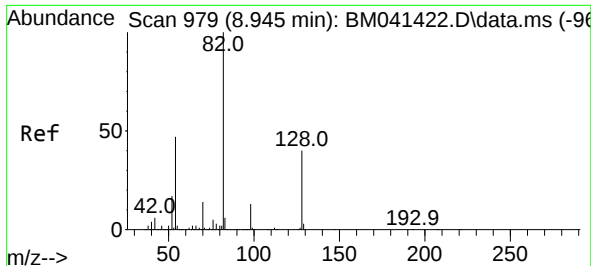


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM041437.D
Acq: 17 Aug 2023 16:56

Tgt Ion: 136 Resp: 492833

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.7	5.7	8.5
68	6.0	4.6	7.0





#23

Nitrobenzene-d5

Concen: 85.168 ng

RT: 8.939 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

Instrument :

BNA_M

ClientSampleId :

PB154898BL

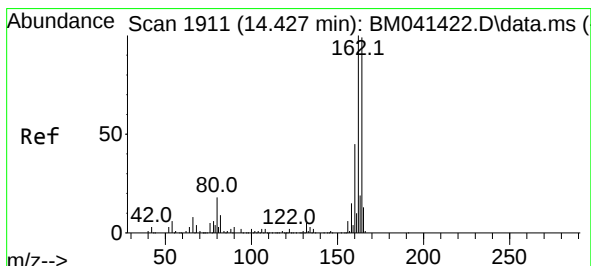
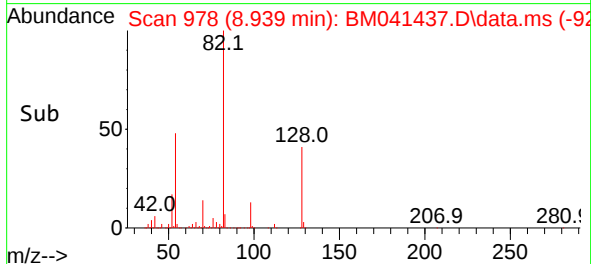
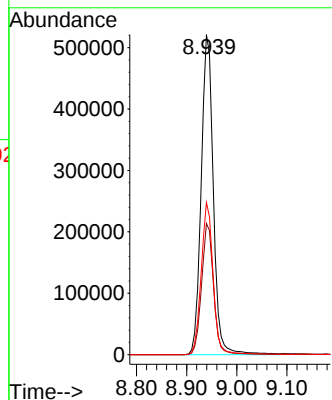
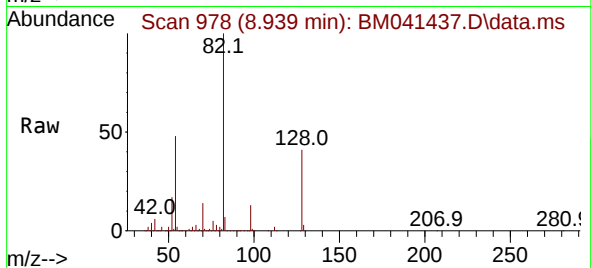
Tgt Ion: 82 Resp: 879287

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.4

54 47.6 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

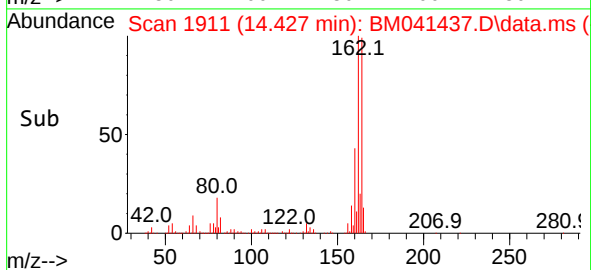
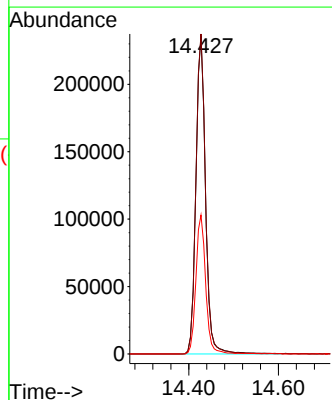
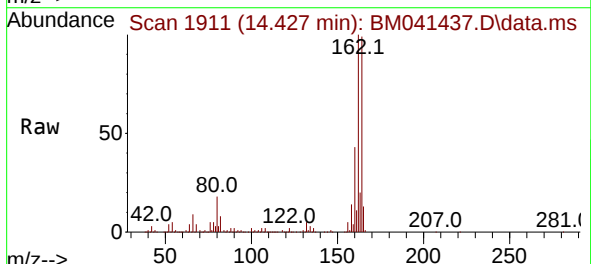
Tgt Ion:164 Resp: 350580

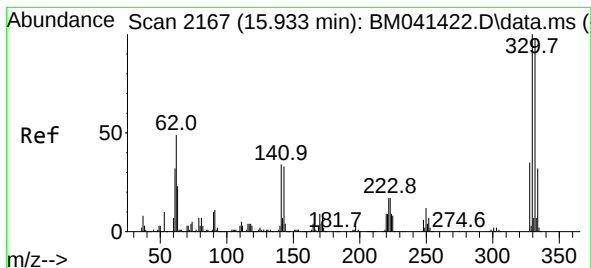
Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 43.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 137.847 ng

RT: 15.933 min Scan# 2167

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

Instrument :

BNA_M

ClientSampleId :

PB154898BL

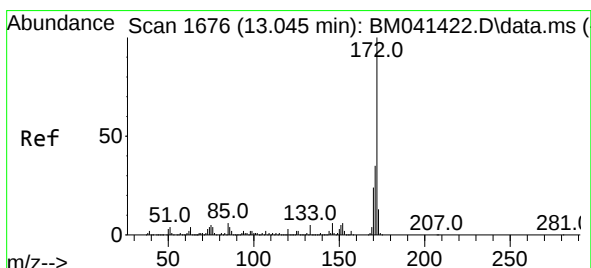
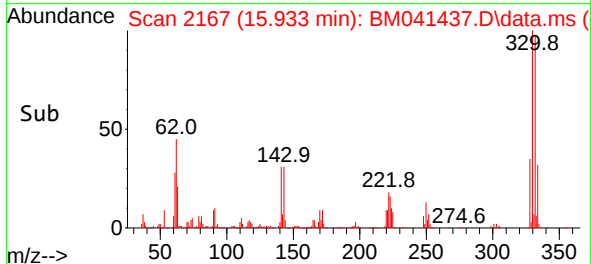
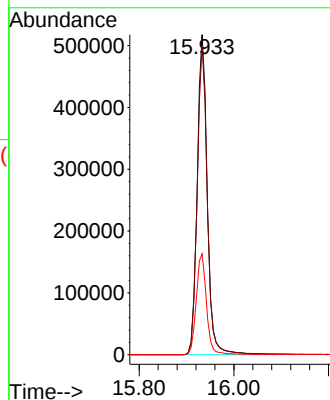
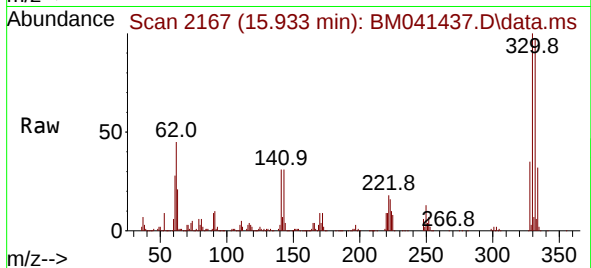
Tgt Ion:330 Resp: 766914

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 32.0 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 84.363 ng

RT: 13.045 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

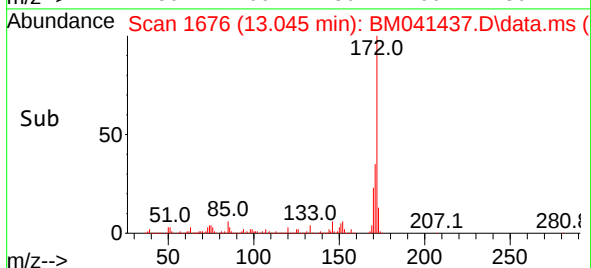
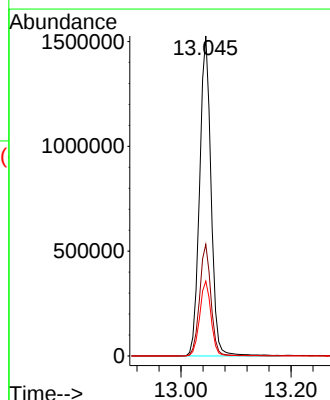
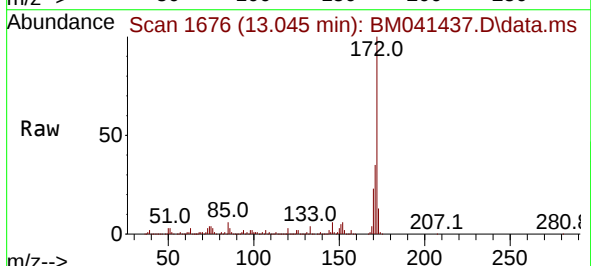
Tgt Ion:172 Resp: 2207128

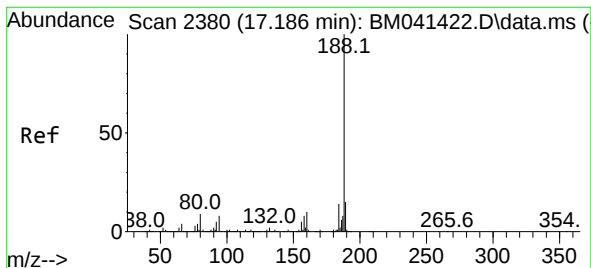
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

Instrument :

BNA_M

ClientSampleId :

PB154898BL

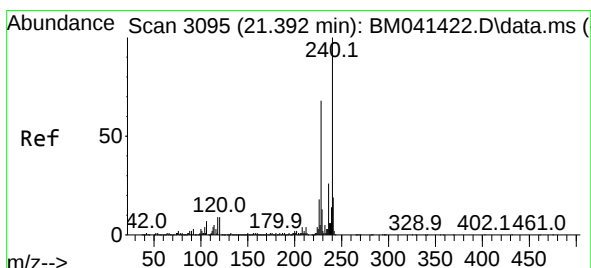
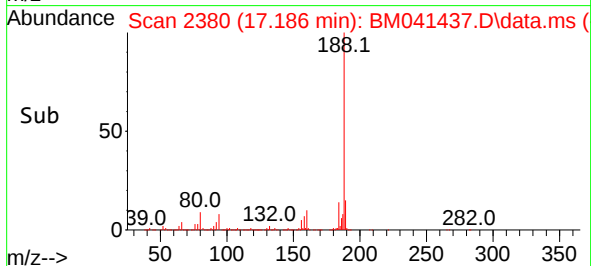
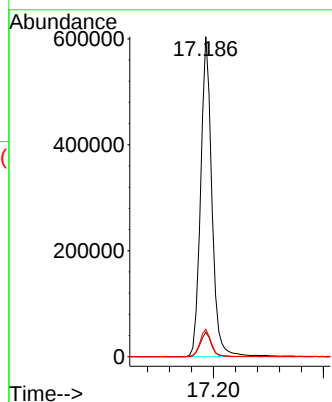
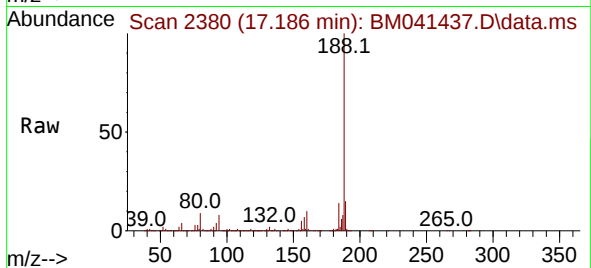
Tgt Ion:188 Resp: 859275

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.6 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

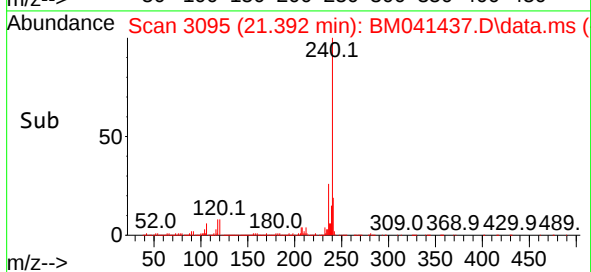
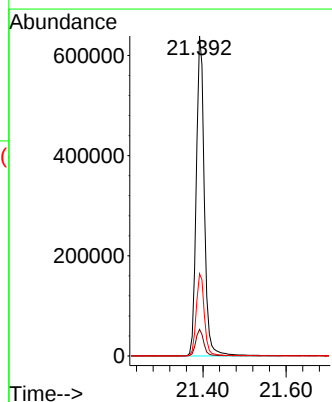
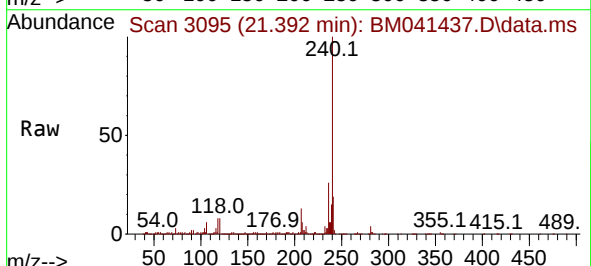
Tgt Ion:240 Resp: 862796

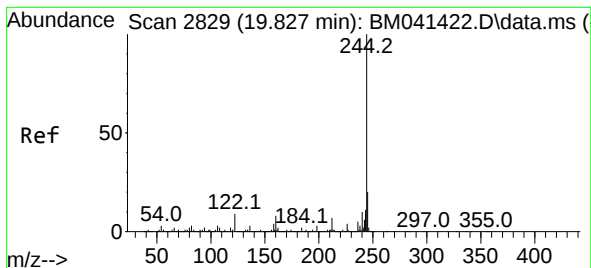
Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.2

236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 88.589 ng

RT: 19.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

Instrument :

BNA_M

ClientSampleId :

PB154898BL

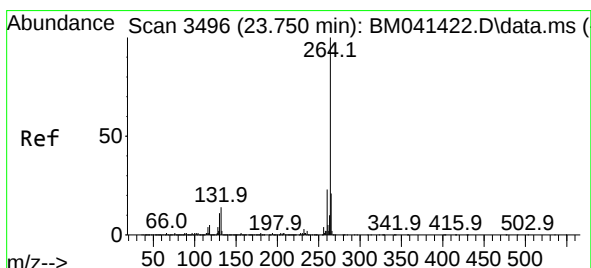
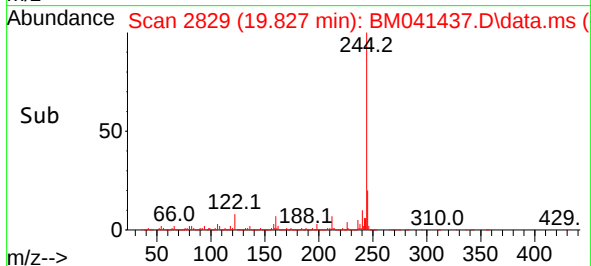
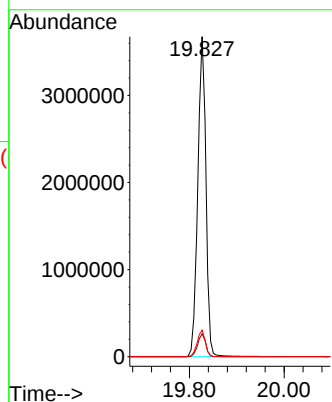
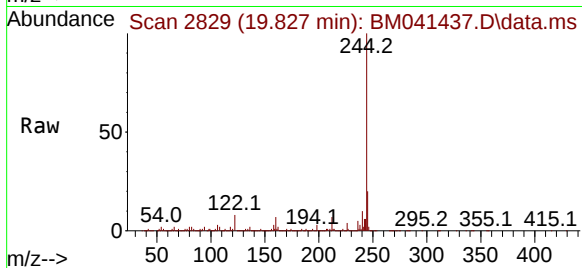
Tgt Ion:244 Resp: 4392359

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.750 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BM041437.D

Acq: 17 Aug 2023 16:56

Tgt Ion:264 Resp: 1008629

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.1 17.5 26.3

