

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041441.D
 Acq On : 21 Aug 2023 10:36
 Operator : MA/JU
 Sample : PB154955BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154955BL

Quant Time: Aug 22 03:34:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	166932	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	660607	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	445272	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	993742	20.000	ng	0.00
76) Chrysene-d12	21.386	240	870863	20.000	ng	0.00
86) Perylene-d12	23.733	264	873443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1196826	119.270	ng	0.00
7) Phenol-d6	6.958	99	1489569	109.320	ng	0.00
23) Nitrobenzene-d5	8.934	82	949161	68.587	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	742972	105.144	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	2318178	69.764	ng	0.00
79) Terphenyl-d14	19.816	244	3915992	78.250	ng	0.00

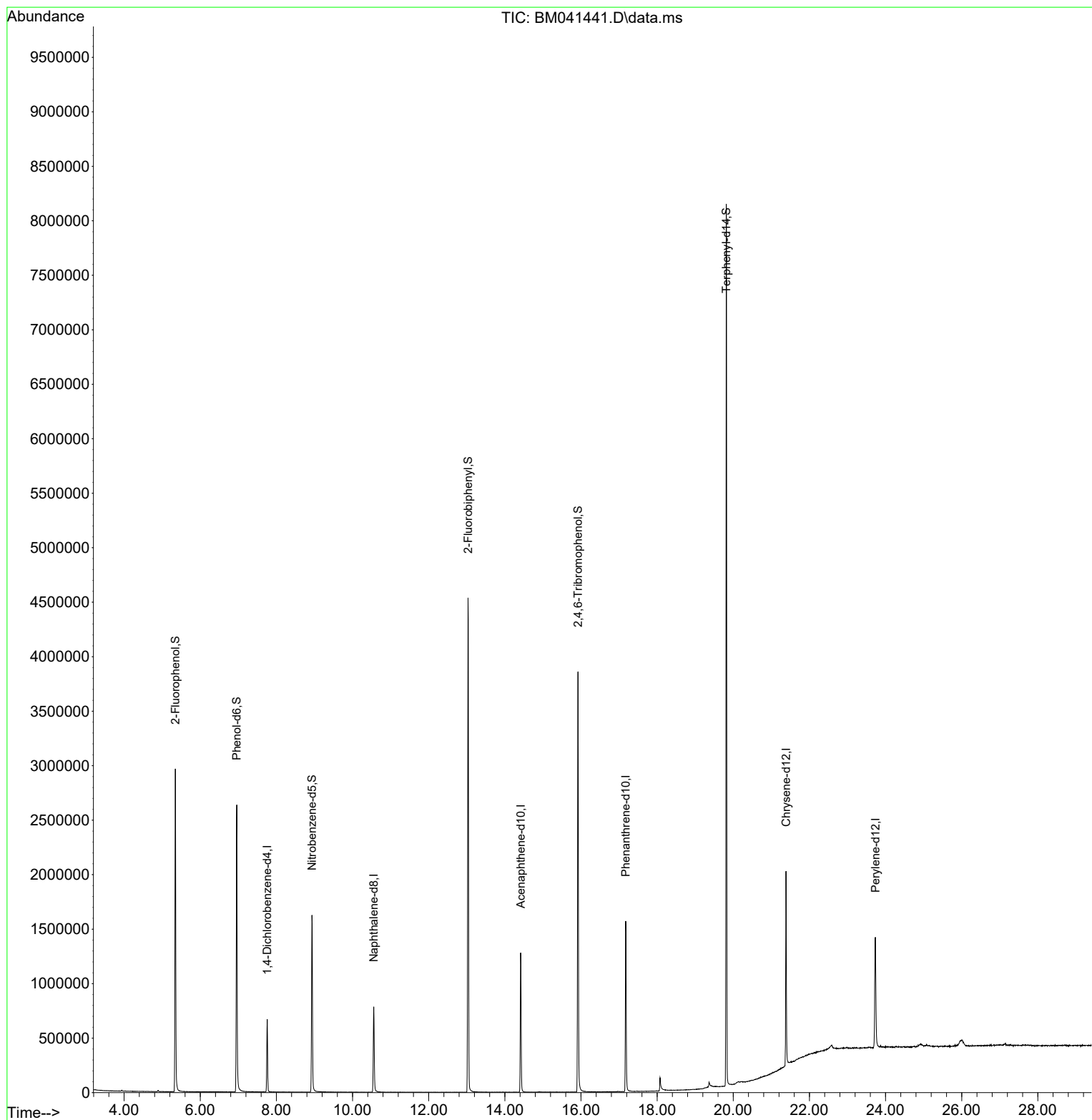
Target Compounds	Qvalue

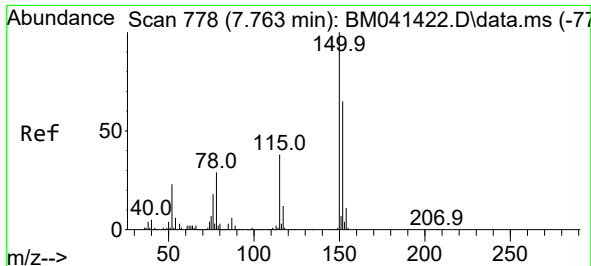
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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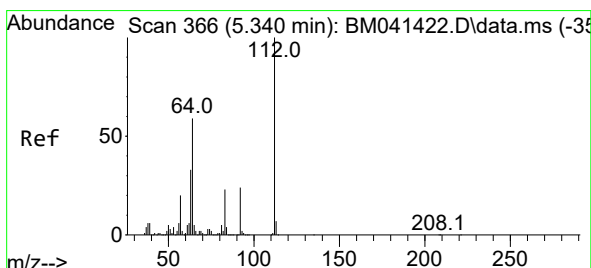
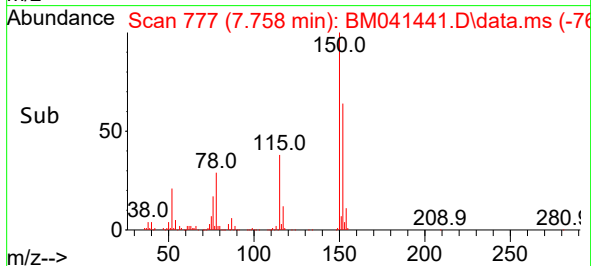
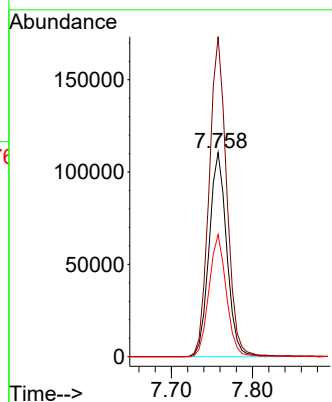
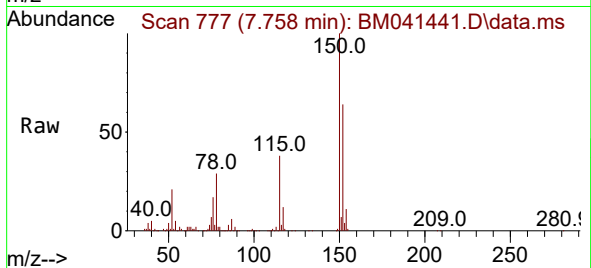




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 71
Delta R.T. 0.001 min
Lab File: BM041441.D
Acq: 21 Aug 2023 10:36

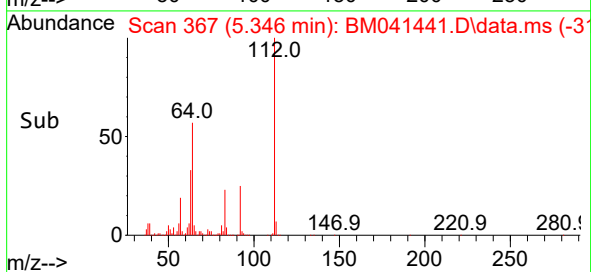
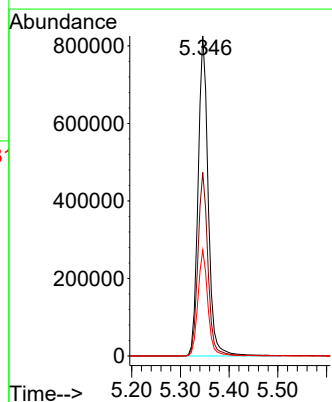
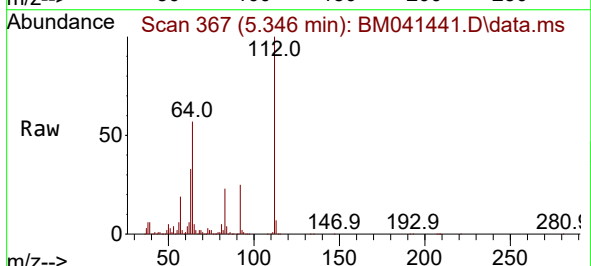
Instrument :
BNA_M
ClientSampleId :
PB154955BL

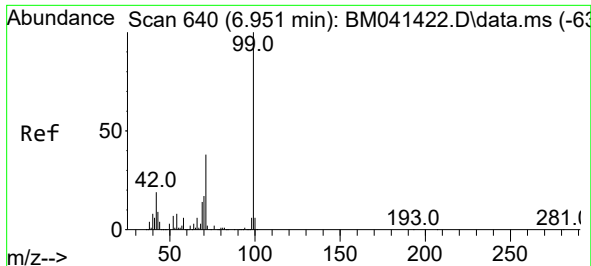
Tgt Ion:152 Resp: 166932
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 59.8 46.6 70.0



#5
2-Fluorophenol
Concen: 119.270 ng
RT: 5.346 min Scan# 367
Delta R.T. 0.000 min
Lab File: BM041441.D
Acq: 21 Aug 2023 10:36

Tgt Ion:112 Resp: 1196826
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 33.1 26.5 39.7

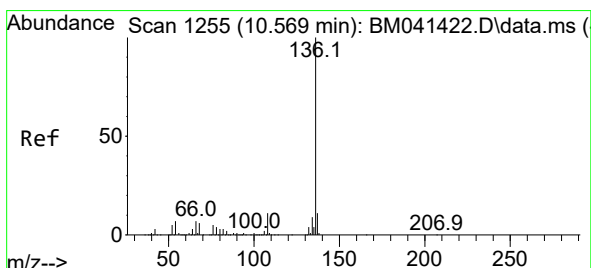
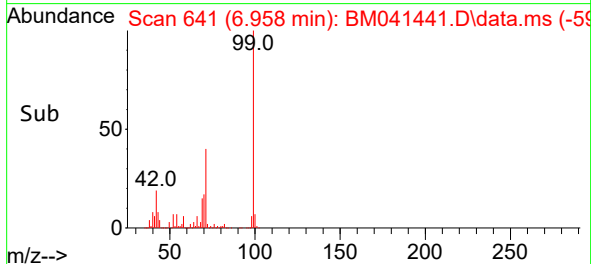
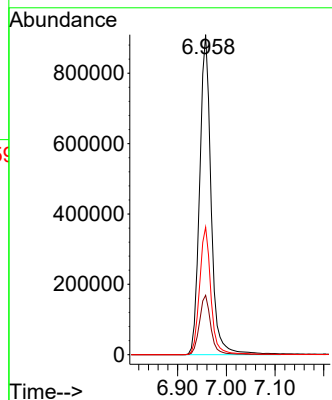
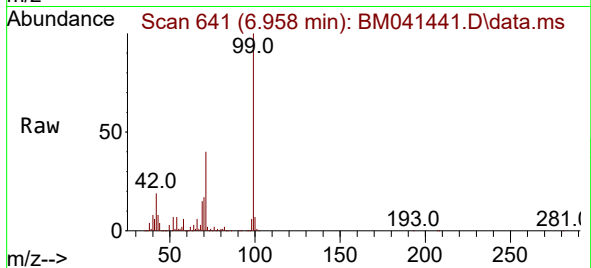




#7
Phenol-d6
Concen: 109.320 ng
RT: 6.958 min Scan# 640
Delta R.T. 0.000 min
Lab File: BM041441.D
Acq: 21 Aug 2023 10:36

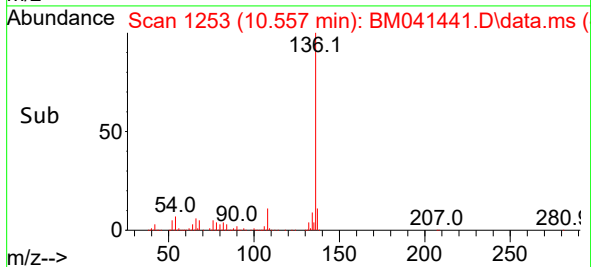
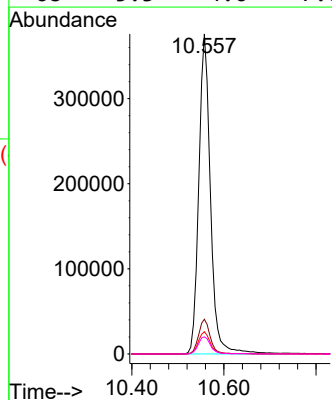
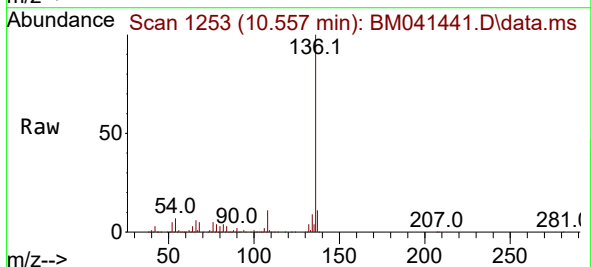
Instrument :
BNA_M
ClientSampleId :
PB154955BL

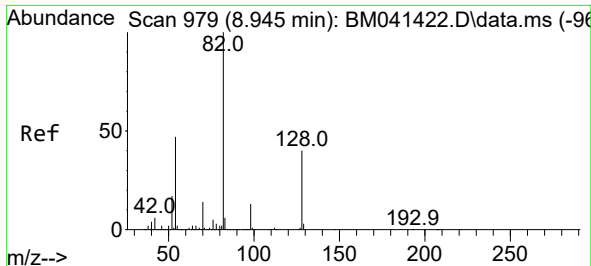
Tgt Ion: 99 Resp: 1489569
Ion Ratio Lower Upper
99 100
42 18.5 15.2 22.8
71 39.8 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041441.D
Acq: 21 Aug 2023 10:36

Tgt Ion: 136 Resp: 660607
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.0 5.7 8.5
68 5.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 68.587 ng

RT: 8.934 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041441.D

Acq: 21 Aug 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154955BL

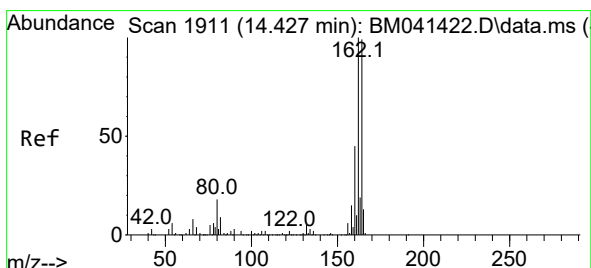
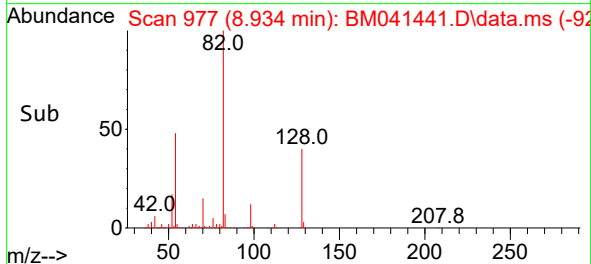
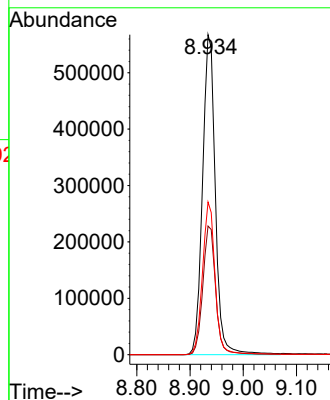
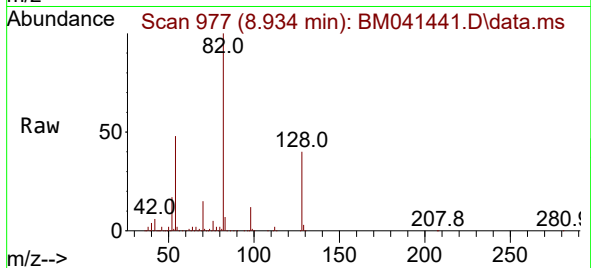
Tgt Ion: 82 Resp: 949161

Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.4

54 47.7 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM041441.D

Acq: 21 Aug 2023 10:36

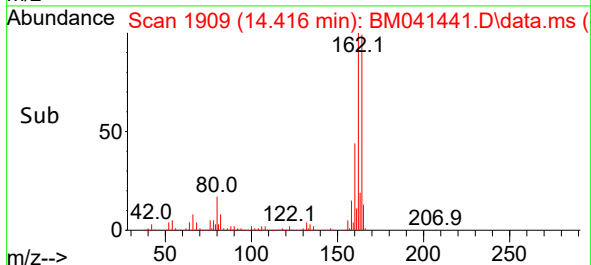
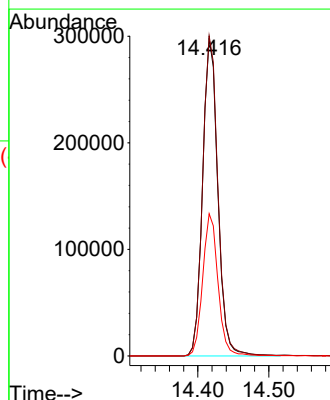
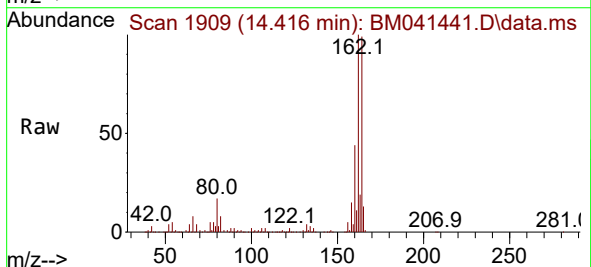
Tgt Ion: 164 Resp: 445272

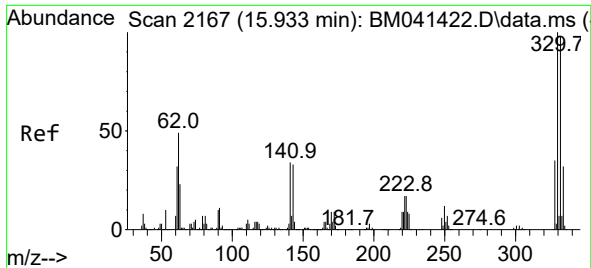
Ion Ratio Lower Upper

164 100

162 100.7 80.4 120.6

160 44.8 35.9 53.9

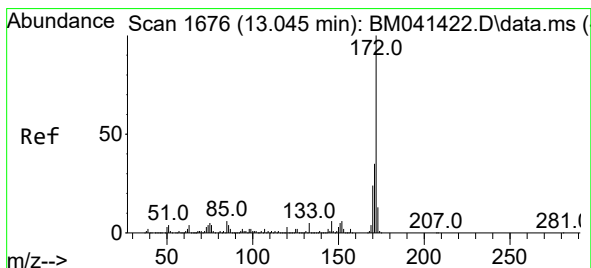
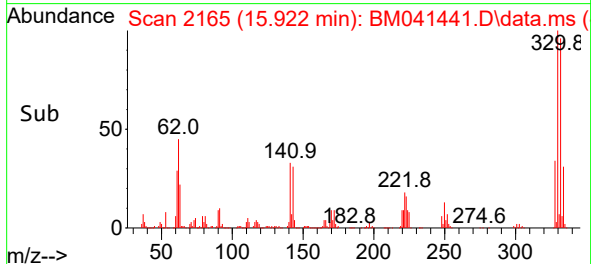
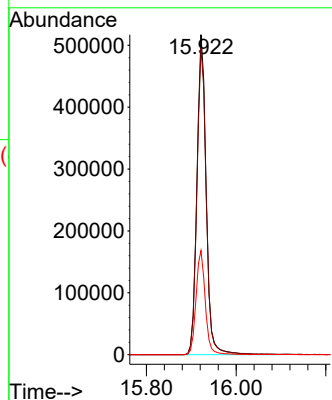
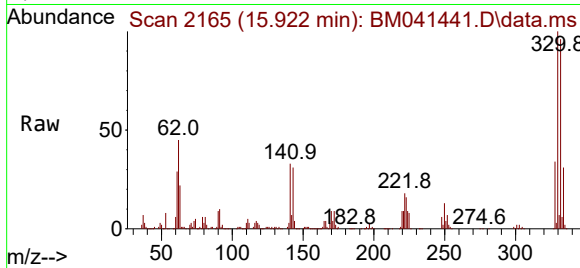




#42
2,4,6-Tribromophenol
Concen: 105.144 ng
RT: 15.922 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041441.D
Acq: 21 Aug 2023 10:36

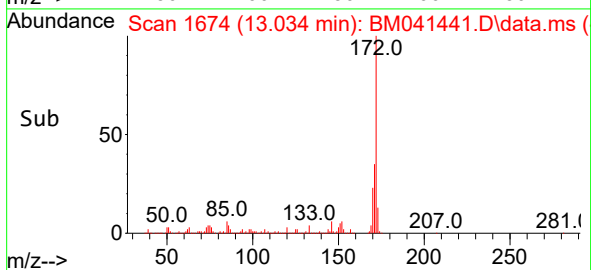
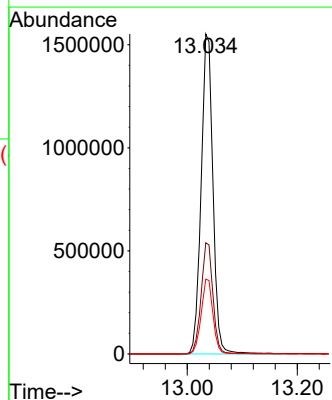
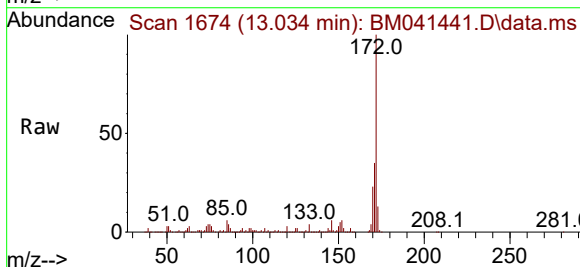
Instrument :
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ClientSampleId :
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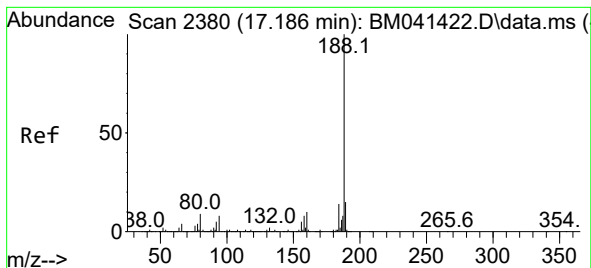
Tgt Ion:330 Resp: 742972
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 32.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 69.764 ng
RT: 13.034 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM041441.D
Acq: 21 Aug 2023 10:36

Tgt Ion:172 Resp: 2318178
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: 17.175 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041441.D

Acq: 21 Aug 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154955BL

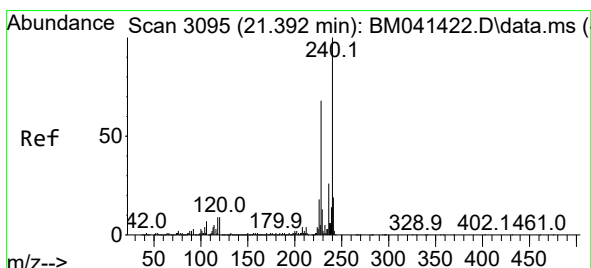
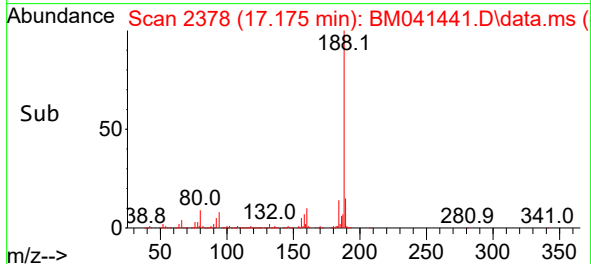
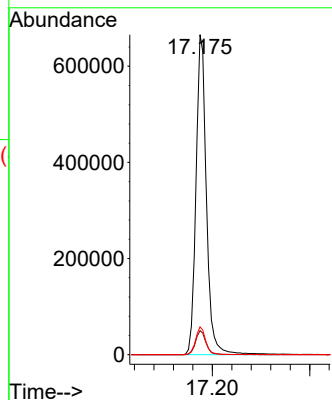
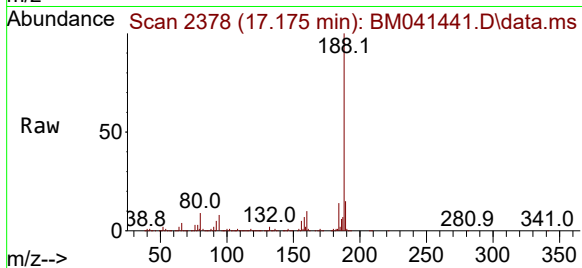
Tgt Ion:188 Resp: 993742

Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.7 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM041441.D

Acq: 21 Aug 2023 10:36

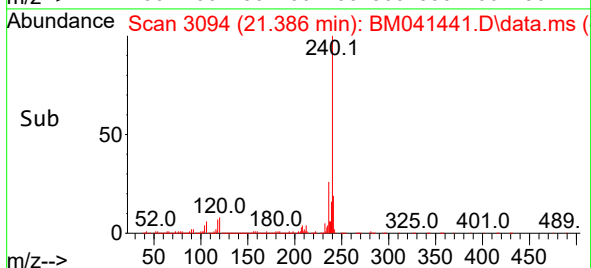
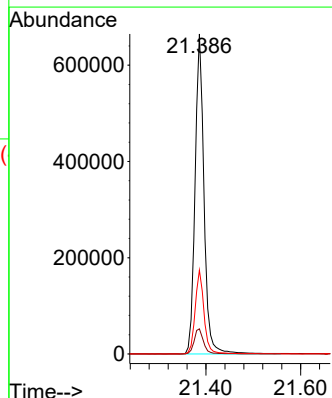
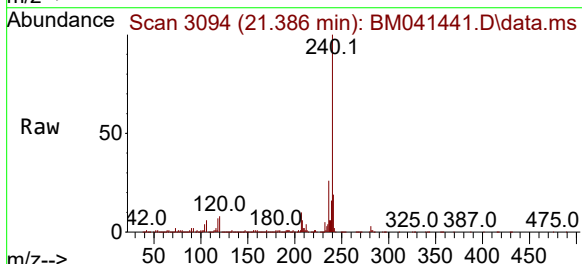
Tgt Ion:240 Resp: 870863

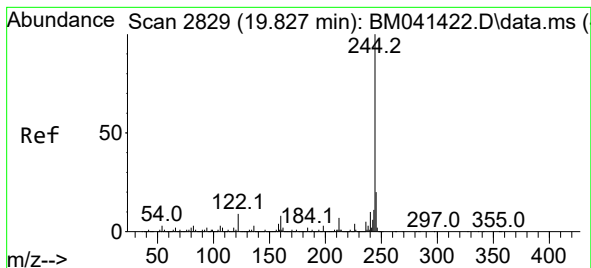
Ion Ratio Lower Upper

240 100

120 7.9 7.4 11.2

236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 78.250 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041441.D

Acq: 21 Aug 2023 10:36

Instrument :

BNA_M

ClientSampleId :

PB154955BL

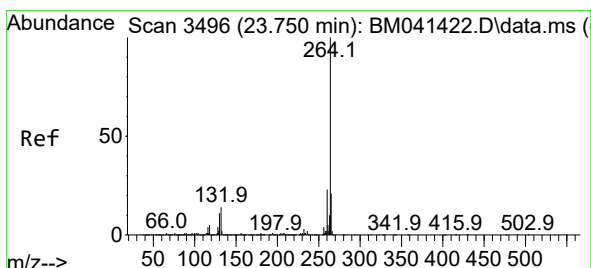
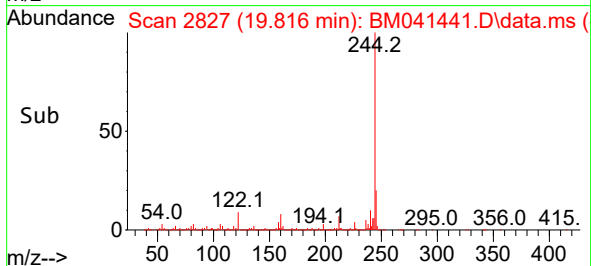
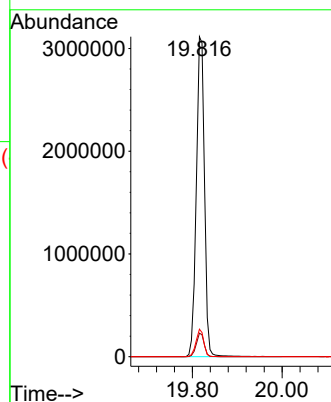
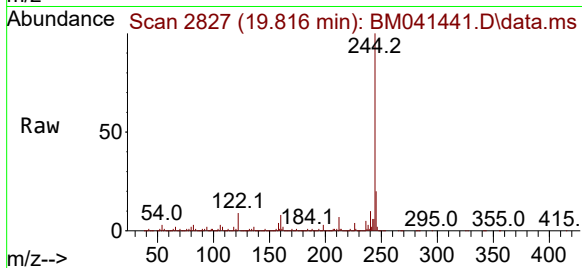
Tgt Ion:244 Resp: 3915992

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3493

Delta R.T. 0.006 min

Lab File: BM041441.D

Acq: 21 Aug 2023 10:36

Tgt Ion:264 Resp: 873443

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.9 17.5 26.3

