

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041453.D
 Acq On : 21 Aug 2023 18:13
 Operator : MA/JU
 Sample : 04086-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-18

Quant Time: Aug 22 03:38:03 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	7.757	152	343578	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1394566	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	940193	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	2121861	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1921210	20.000	ng	0.00
86) Perylene-d12	23.727	264	1791356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	939199	45.475	ng	0.00
7) Phenol-d6	6.951	99	1152994	41.113	ng	0.00
23) Nitrobenzene-d5	8.934	82	733304	25.101	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	370989	24.865	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	1668685	23.783	ng	0.00
79) Terphenyl-d14	19.815	244	2856906	25.877	ng	0.00

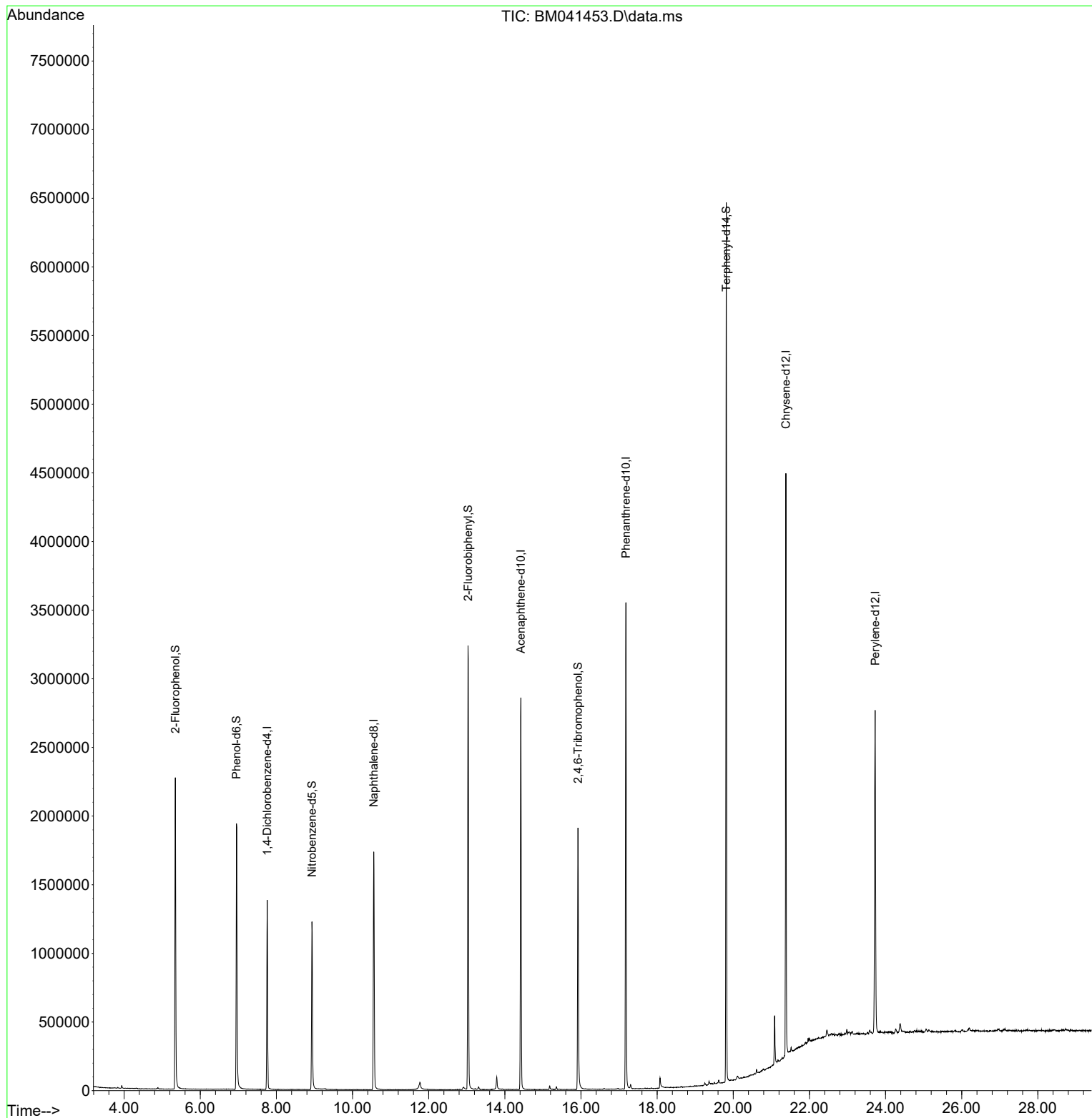
Target Compounds	Qvalue

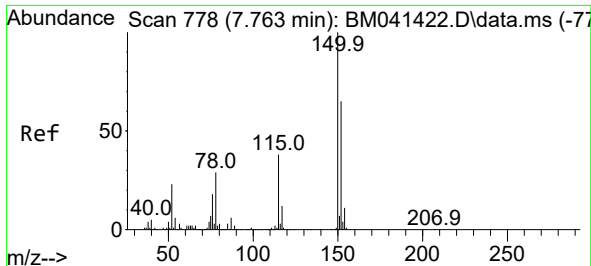
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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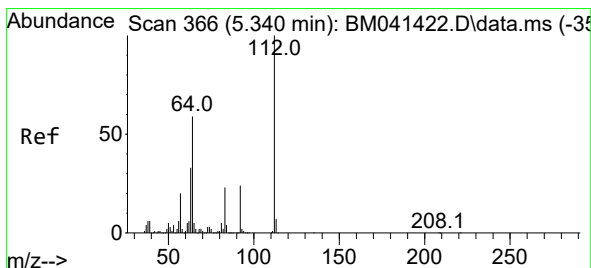
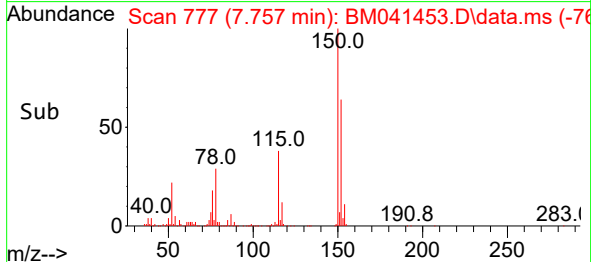
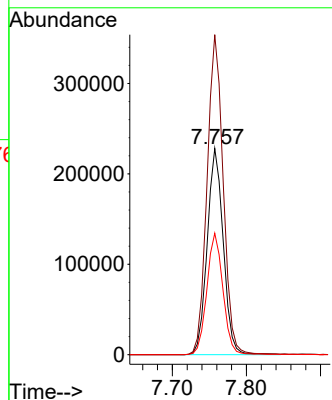
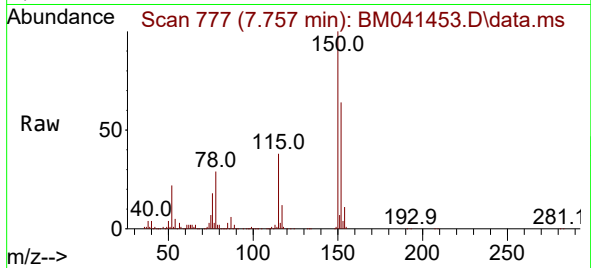




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041453.D
Acq: 21 Aug 2023 18:13

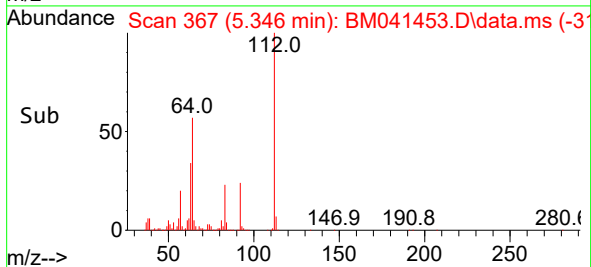
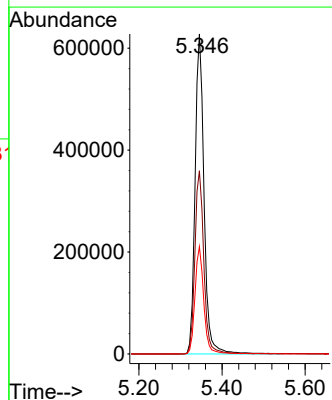
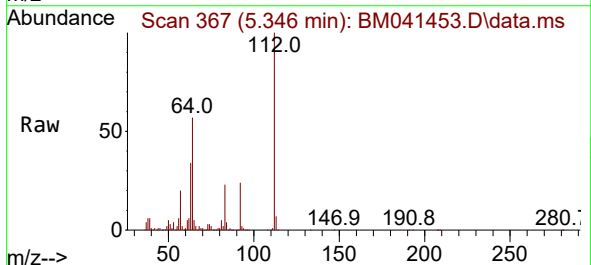
Instrument :
BNA_M
ClientSampleId :
WC-18

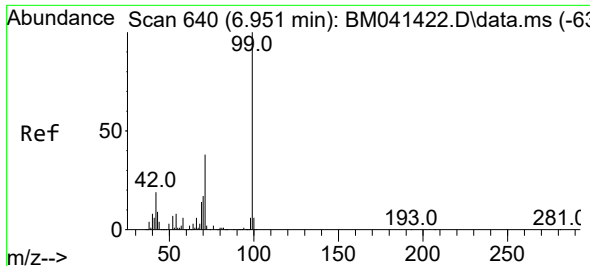
Tgt Ion:152 Resp: 343578
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 58.9 46.6 70.0



#5
2-Fluorophenol
Concen: 45.475 ng
RT: 5.346 min Scan# 367
Delta R.T. 0.000 min
Lab File: BM041453.D
Acq: 21 Aug 2023 18:13

Tgt Ion:112 Resp: 939199
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 33.6 26.5 39.7

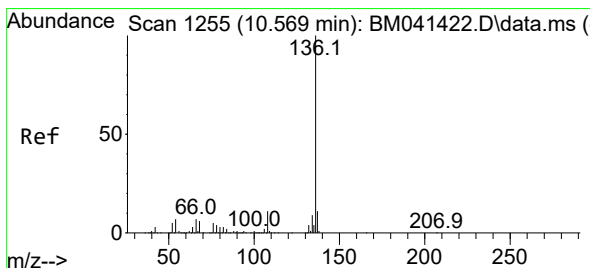
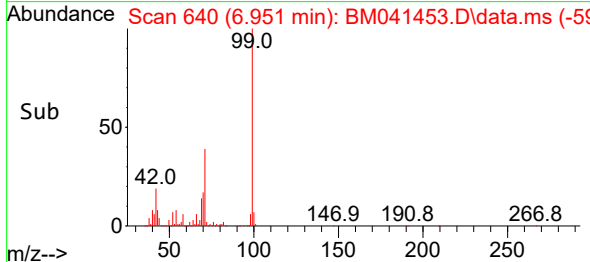
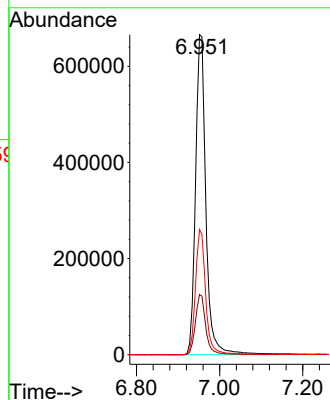
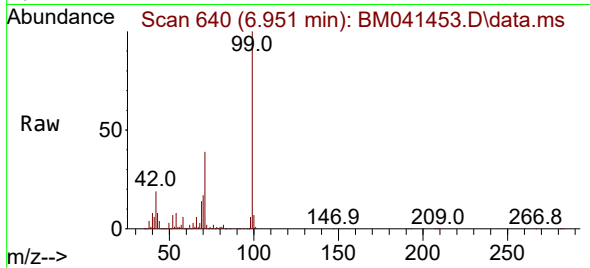




#7
Phenol-d6
Concen: 41.113 ng
RT: 6.951 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041453.D
Acq: 21 Aug 2023 18:13

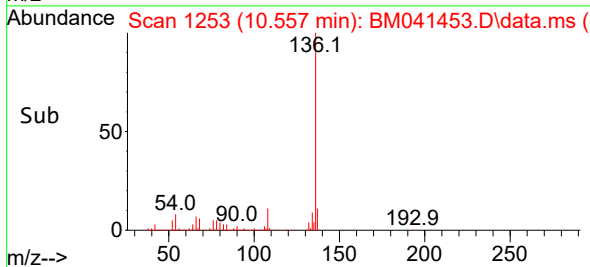
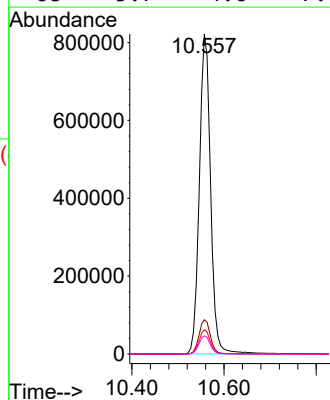
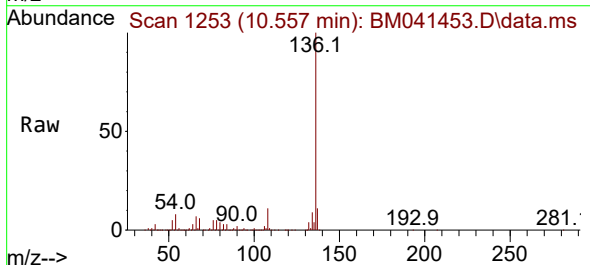
Instrument :
BNA_M
ClientSampleId :
WC-18

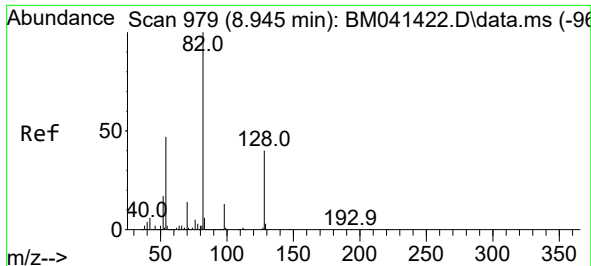
Tgt Ion: 99 Resp: 1152994
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 39.1 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041453.D
Acq: 21 Aug 2023 18:13

Tgt Ion:136 Resp: 1394566
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.5 5.7 8.5
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 25.101 ng

RT: 8.934 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041453.D

Acq: 21 Aug 2023 18:13

Instrument :

BNA_M

ClientSampleId :

WC-18

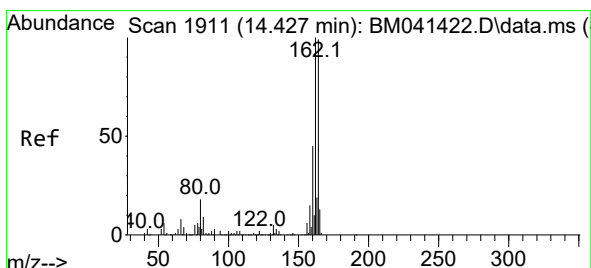
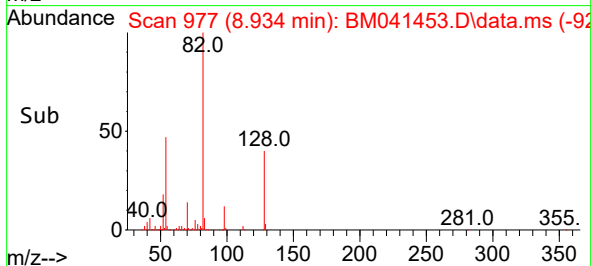
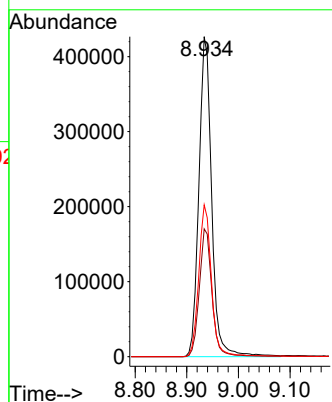
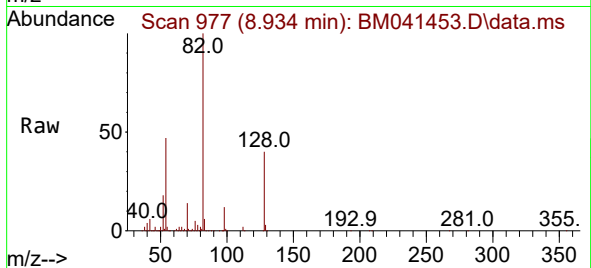
Tgt Ion: 82 Resp: 733304

Ion Ratio Lower Upper

82 100

128 39.9 32.2 48.4

54 47.4 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.422 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BM041453.D

Acq: 21 Aug 2023 18:13

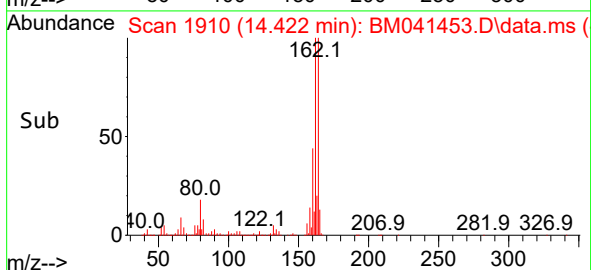
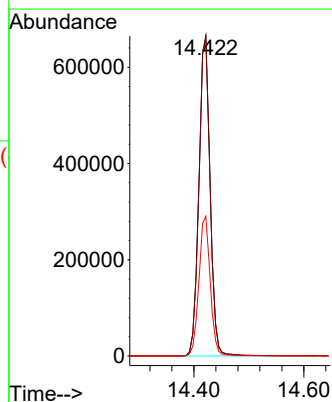
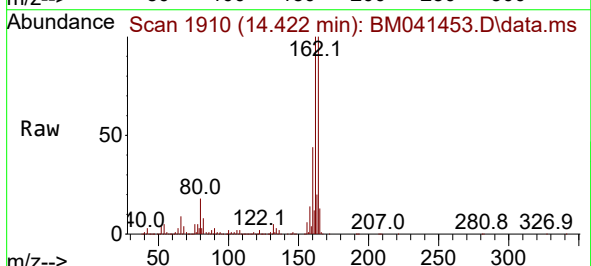
Tgt Ion:164 Resp: 940193

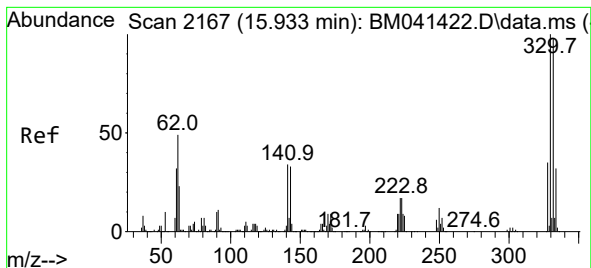
Ion Ratio Lower Upper

164 100

162 99.7 80.4 120.6

160 43.6 35.9 53.9

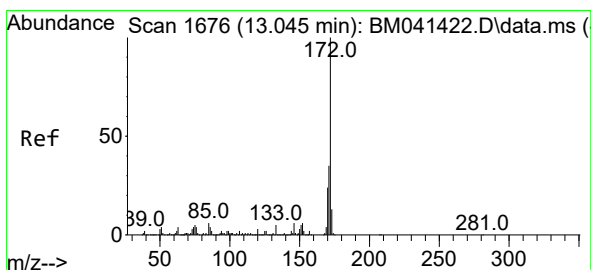
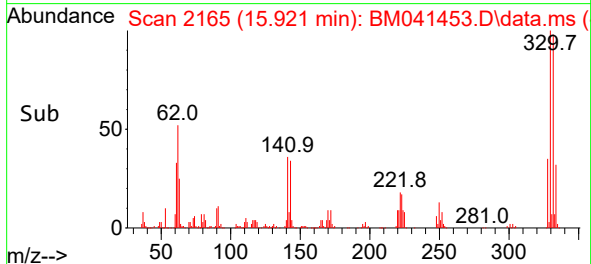
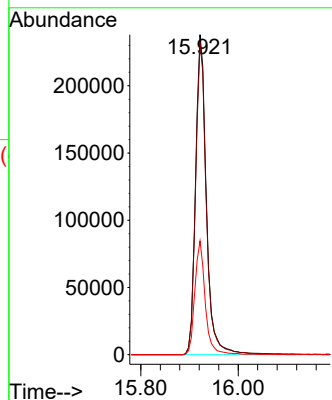
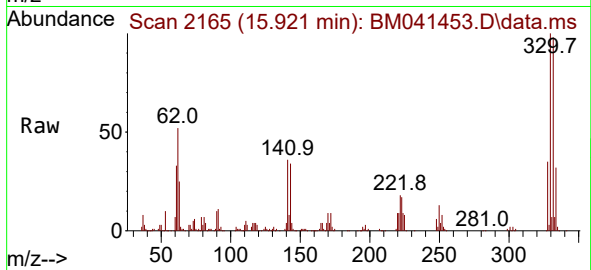




#42
2,4,6-Tribromophenol
Concen: 24.865 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041453.D
Acq: 21 Aug 2023 18:13

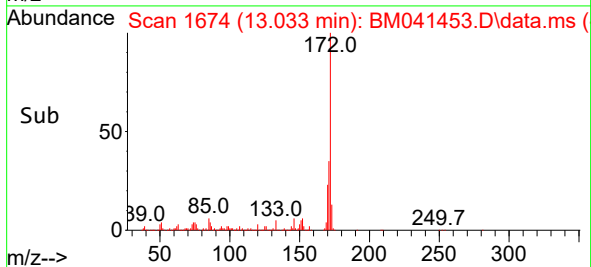
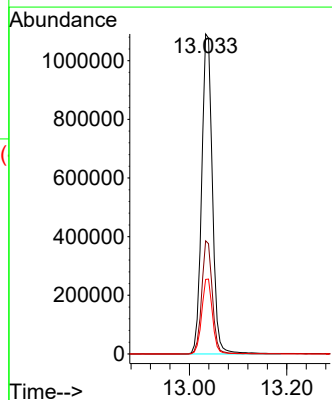
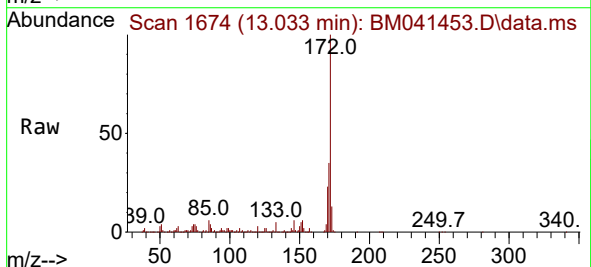
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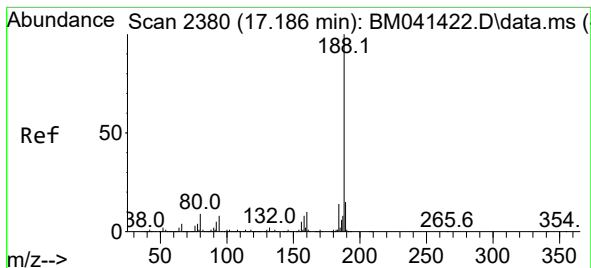
Tgt Ion:330 Resp: 370989
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 34.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 23.783 ng
RT: 13.033 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM041453.D
Acq: 21 Aug 2023 18:13

Tgt Ion:172 Resp: 1668685
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041453.D

Acq: 21 Aug 2023 18:13

Instrument :

BNA_M

ClientSampleId :

WC-18

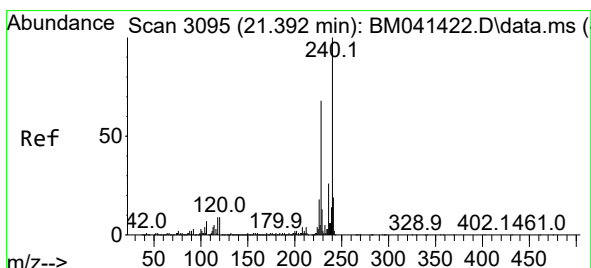
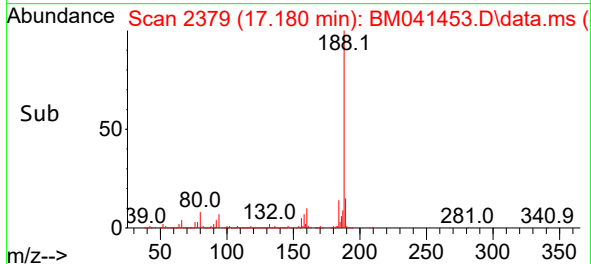
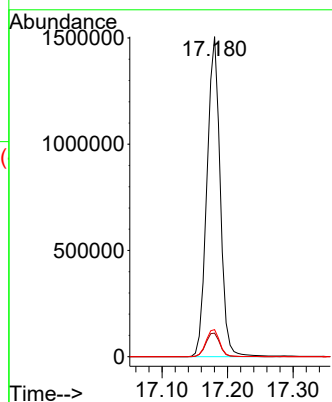
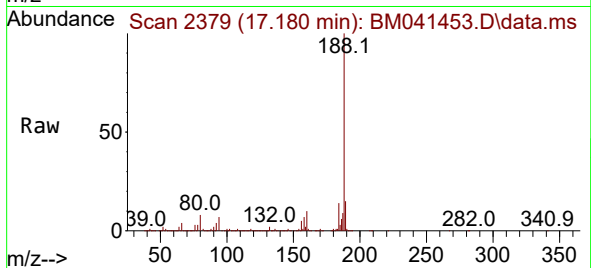
Tgt Ion:188 Resp: 2121861

Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 8.5 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM041453.D

Acq: 21 Aug 2023 18:13

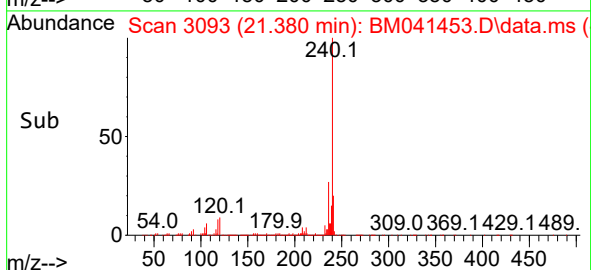
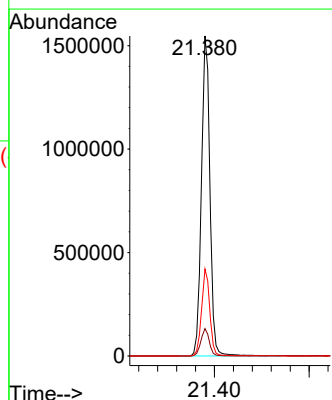
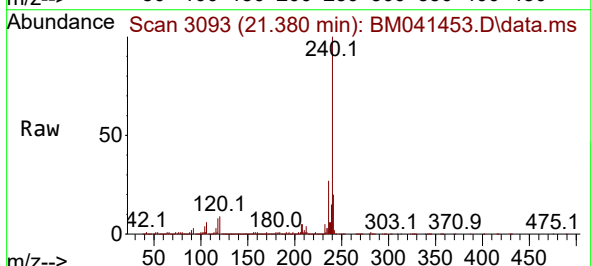
Tgt Ion:240 Resp: 1921210

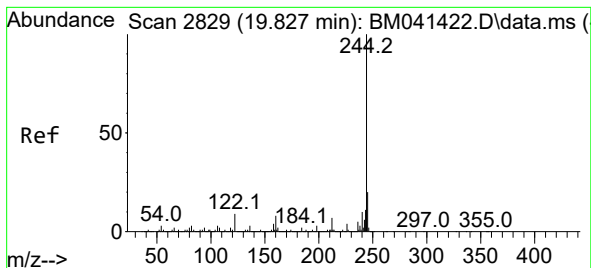
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.2

236 27.2 20.8 31.2





#79

Terphenyl-d14

Concen: 25.877 ng

RT: 19.815 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041453.D

Acq: 21 Aug 2023 18:13

Instrument :

BNA_M

ClientSampleId :

WC-18

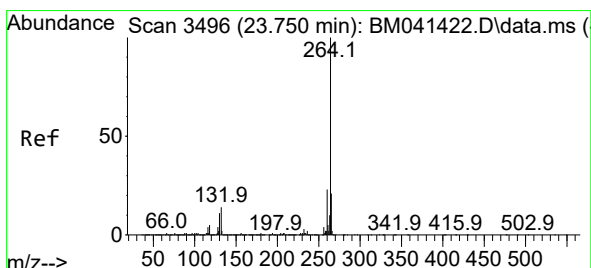
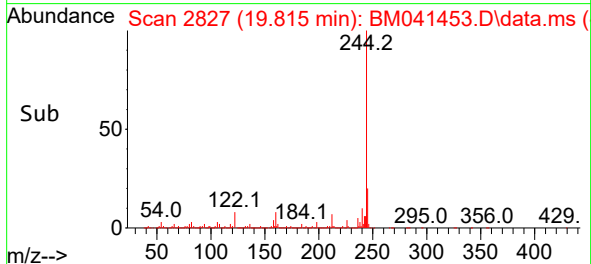
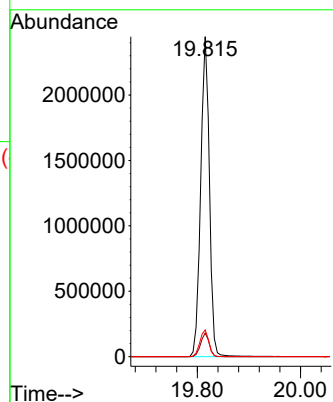
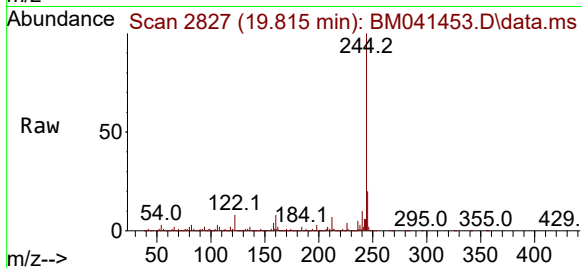
Tgt Ion:244 Resp: 2856906

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3492

Delta R.T. 0.000 min

Lab File: BM041453.D

Acq: 21 Aug 2023 18:13

Tgt Ion:264 Resp: 1791356

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.9 17.5 26.3

