

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041452.D
 Acq On : 21 Aug 2023 17:36
 Operator : MA/JU
 Sample : 04086-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-13

Quant Time: Aug 22 03:37:52 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	157810	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	611886	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	388472	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	849842	20.000	ng	0.00
76) Chrysene-d12	21.380	240	720596	20.000	ng	0.00
86) Perylene-d12	23.721	264	737591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	837450	88.281	ng	0.00
7) Phenol-d6	6.957	99	1029420	79.917	ng	0.00
23) Nitrobenzene-d5	8.933	82	645986	50.396	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	337765	54.789	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	1389724	47.938	ng	0.00
79) Terphenyl-d14	19.815	244	2171445	52.438	ng	0.00

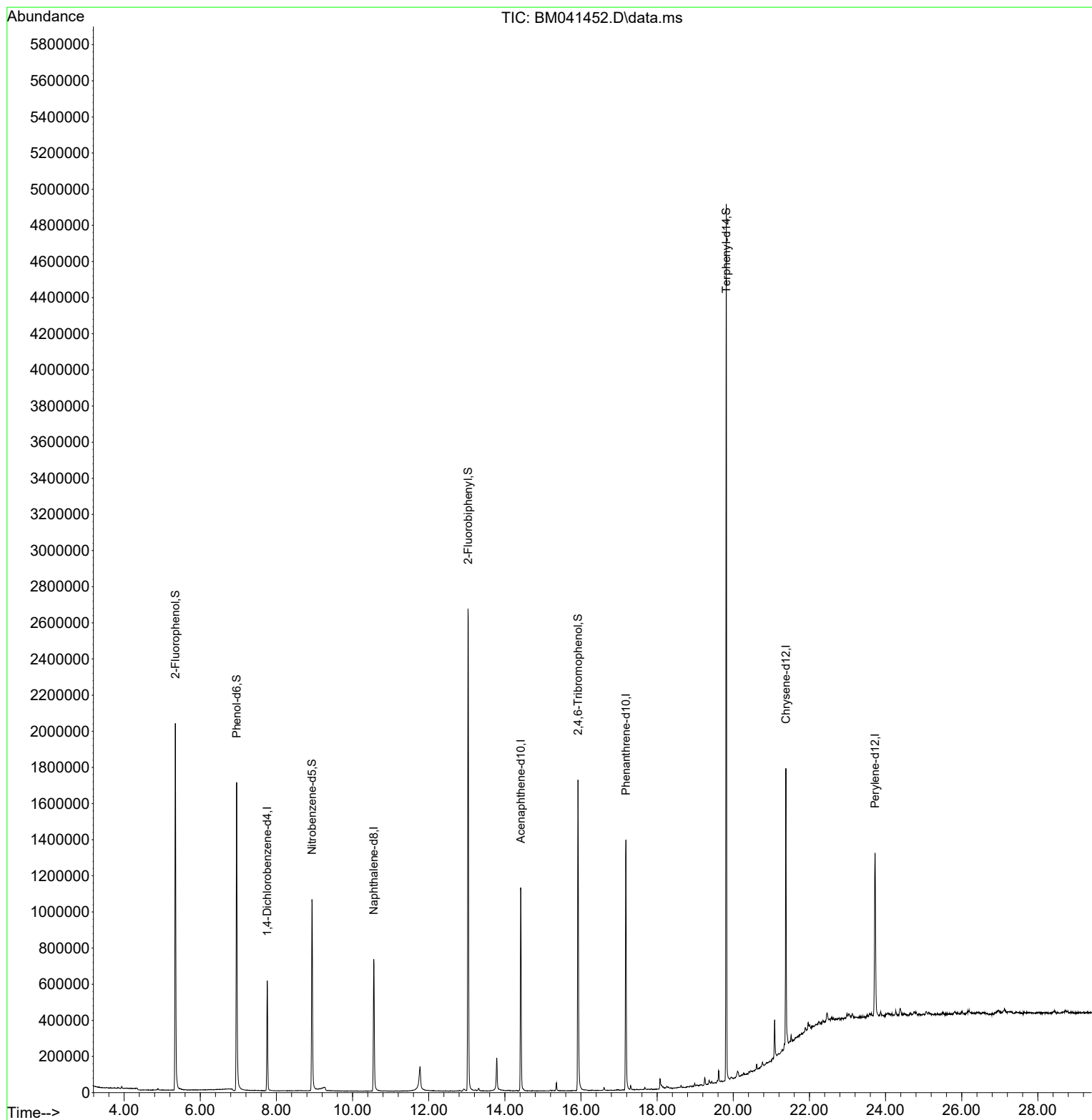
Target Compounds	Qvalue

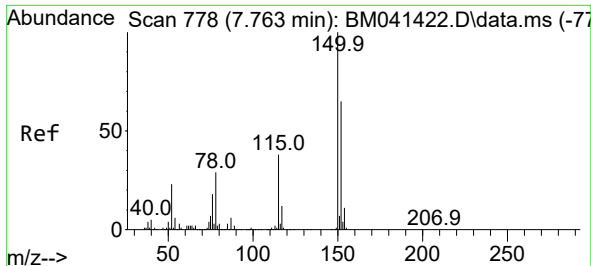
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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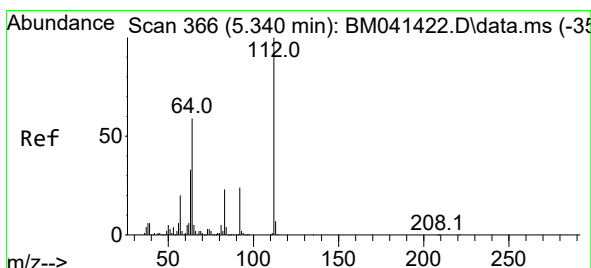
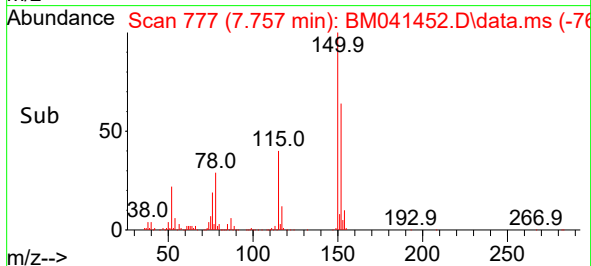
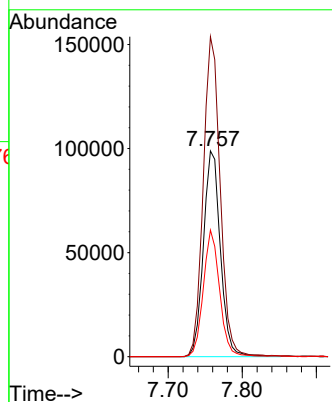
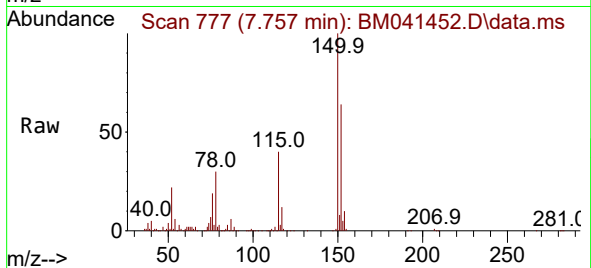




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041452.D
Acq: 21 Aug 2023 17:36

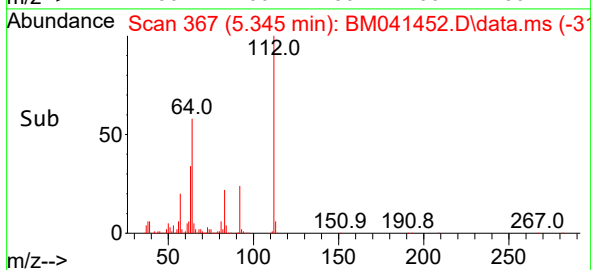
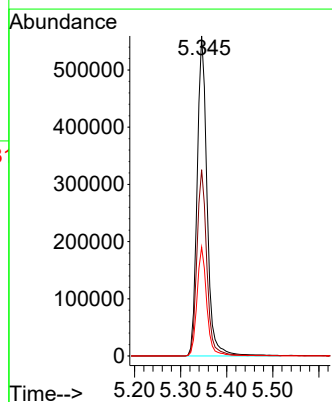
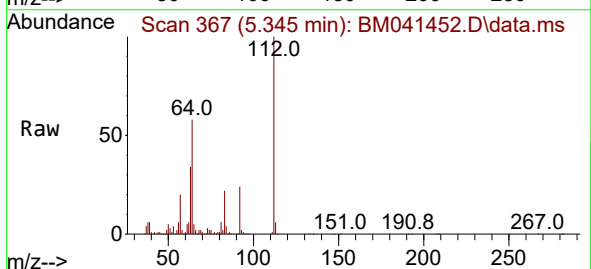
Instrument :
BNA_M
ClientSampleId :
WC-13

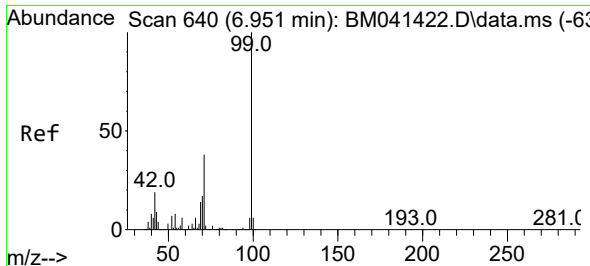
Tgt Ion:152 Resp: 157810
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 61.5 46.6 70.0



#5
2-Fluorophenol
Concen: 88.281 ng
RT: 5.345 min Scan# 367
Delta R.T. -0.000 min
Lab File: BM041452.D
Acq: 21 Aug 2023 17:36

Tgt Ion:112 Resp: 837450
Ion Ratio Lower Upper
112 100
64 58.2 47.3 70.9
63 34.0 26.5 39.7

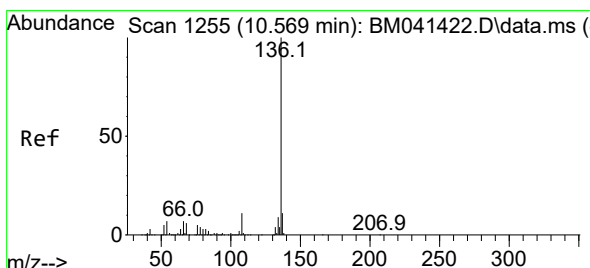
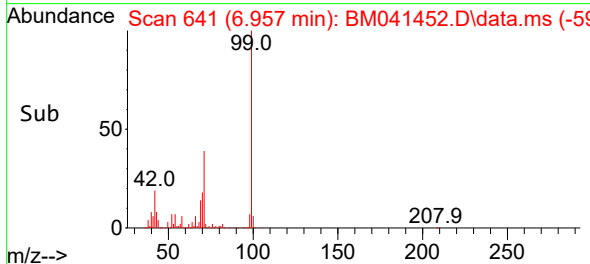
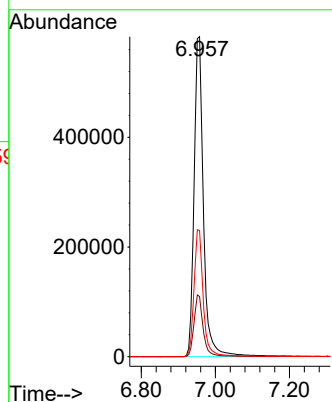
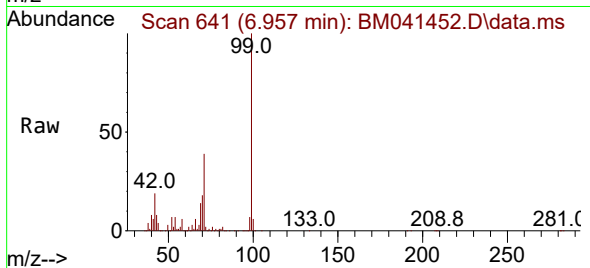




#7
Phenol-d6
Concen: 79.917 ng
RT: 6.957 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041452.D
Acq: 21 Aug 2023 17:36

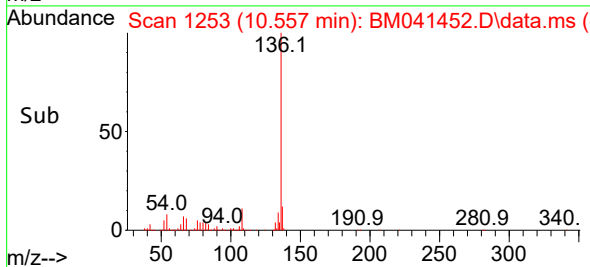
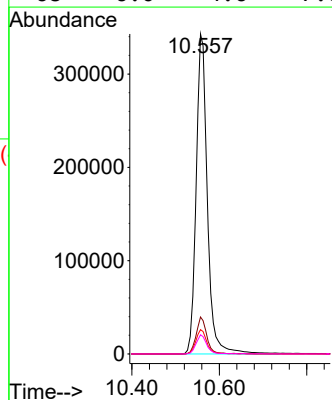
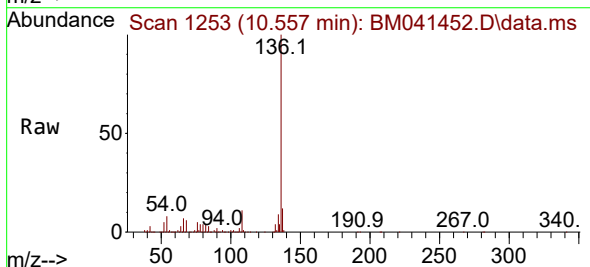
Instrument :
BNA_M
ClientSampleId :
WC-13

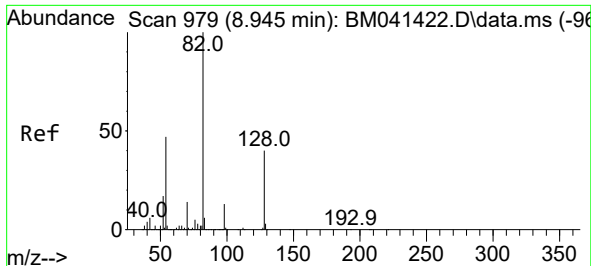
Tgt Ion: 99 Resp: 1029420
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 39.5 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BM041452.D
Acq: 21 Aug 2023 17:36

Tgt Ion: 136 Resp: 611886
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.6 5.7 8.5
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 50.396 ng

RT: 8.933 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041452.D

Acq: 21 Aug 2023 17:36

Instrument :

BNA_M

ClientSampleId :

WC-13

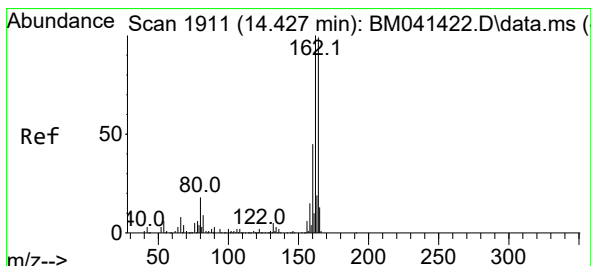
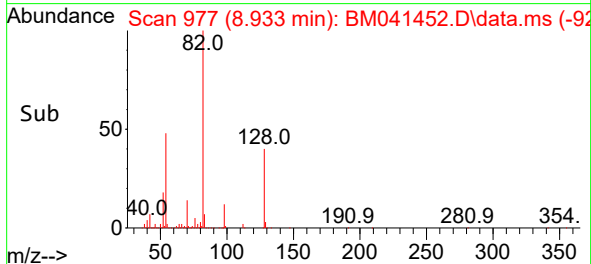
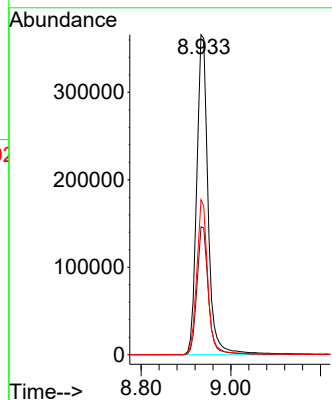
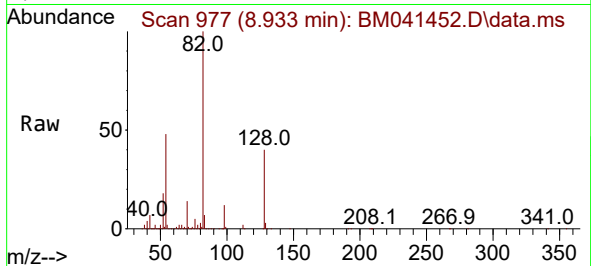
Tgt Ion: 82 Resp: 645986

Ion Ratio Lower Upper

82 100

128 39.9 32.2 48.4

54 48.4 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.415 min Scan# 1909

Delta R.T. -0.000 min

Lab File: BM041452.D

Acq: 21 Aug 2023 17:36

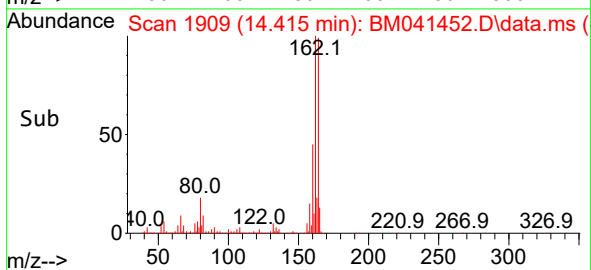
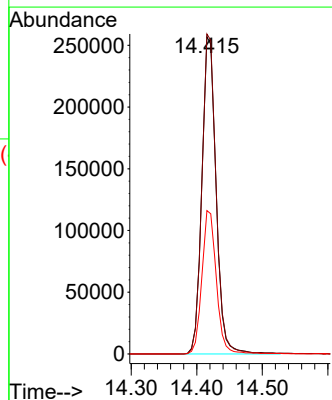
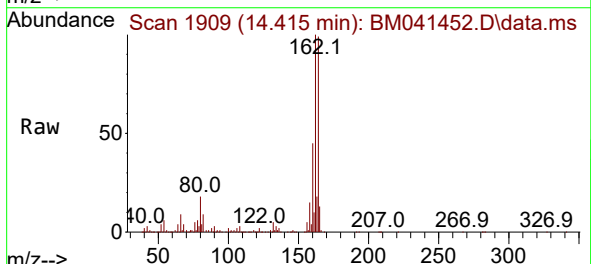
Tgt Ion: 164 Resp: 388472

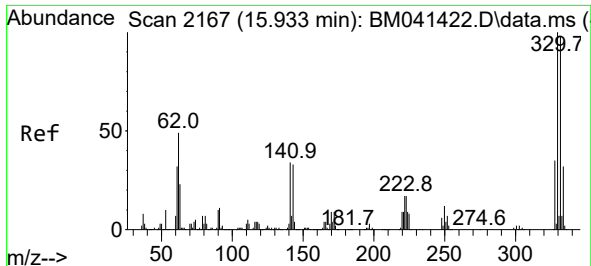
Ion Ratio Lower Upper

164 100

162 100.9 80.4 120.6

160 45.2 35.9 53.9

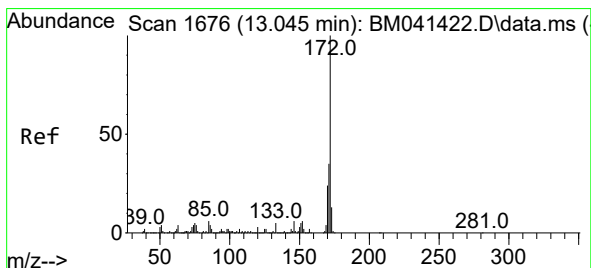
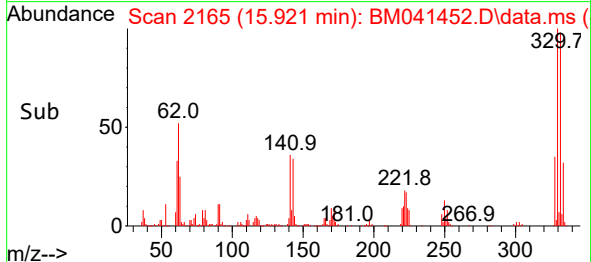
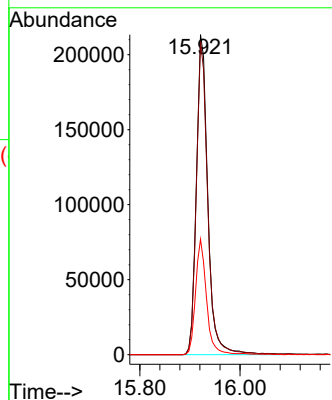
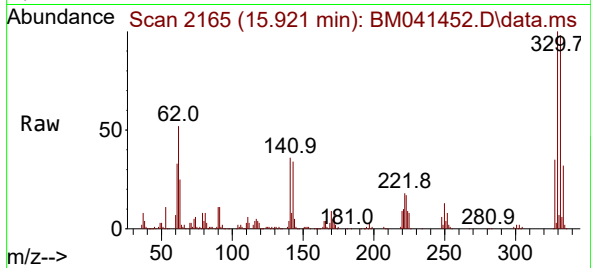




#42
2,4,6-Tribromophenol
Concen: 54.789 ng
RT: 15.921 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BM041452.D
Acq: 21 Aug 2023 17:36

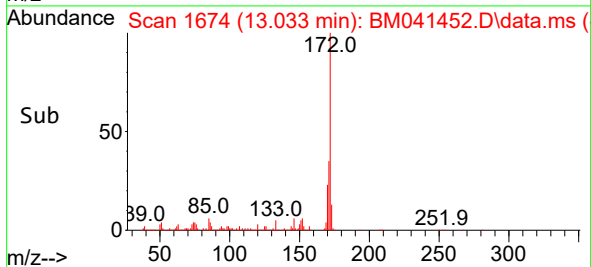
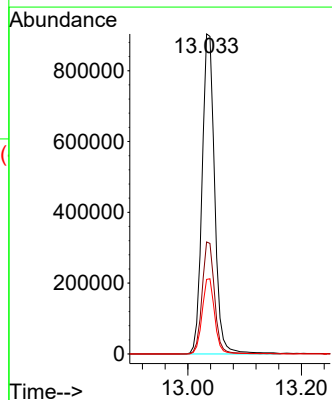
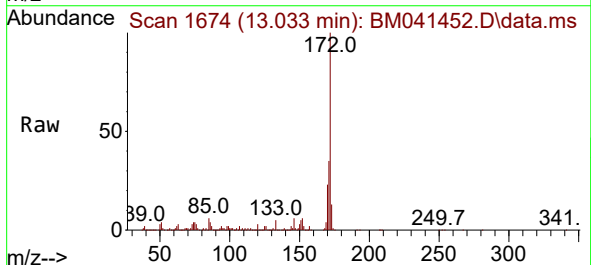
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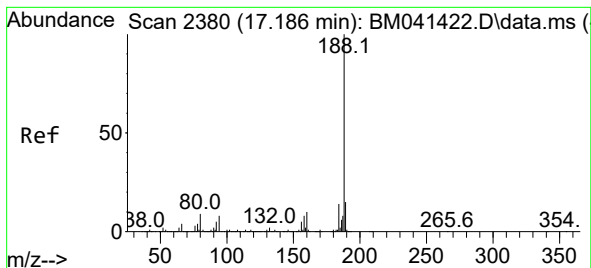
Tgt Ion:330 Resp: 337765
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 34.4 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 47.938 ng
RT: 13.033 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM041452.D
Acq: 21 Aug 2023 17:36

Tgt Ion:172 Resp: 1389724
Ion Ratio Lower Upper
172 100
171 35.0 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: BM041452.D

Acq: 21 Aug 2023 17:36

Instrument :

BNA_M

ClientSampleId :

WC-13

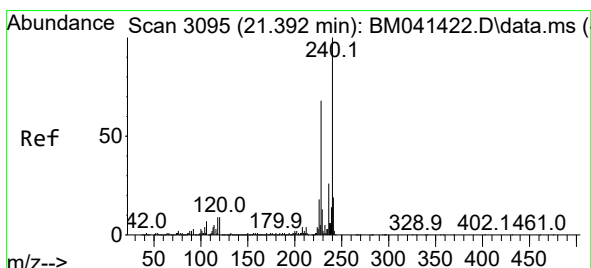
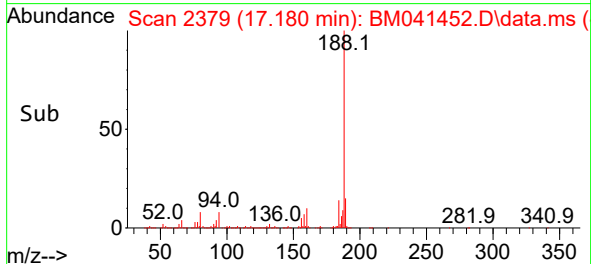
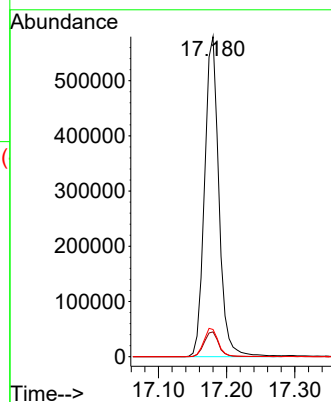
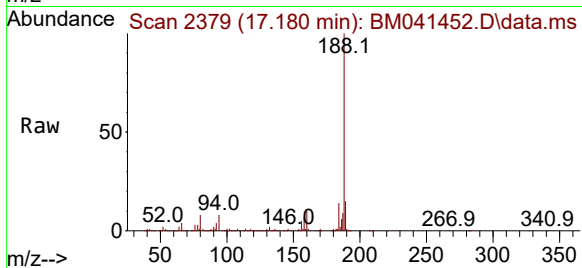
Tgt Ion:188 Resp: 849842

Ion Ratio Lower Upper

188 100

94 7.7 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: BM041452.D

Acq: 21 Aug 2023 17:36

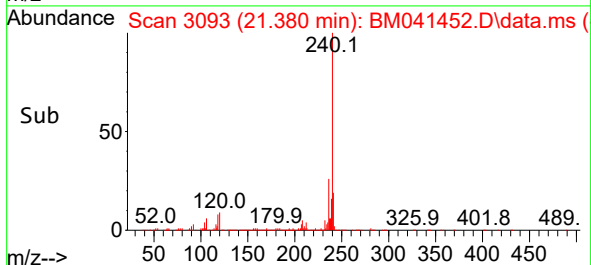
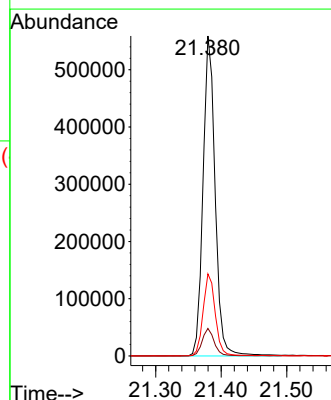
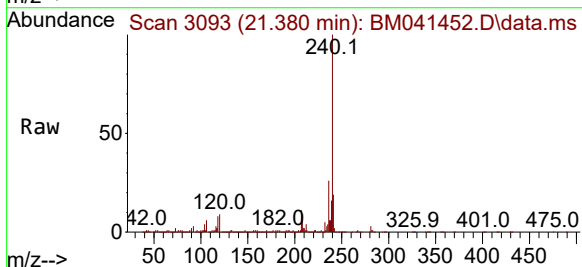
Tgt Ion:240 Resp: 720596

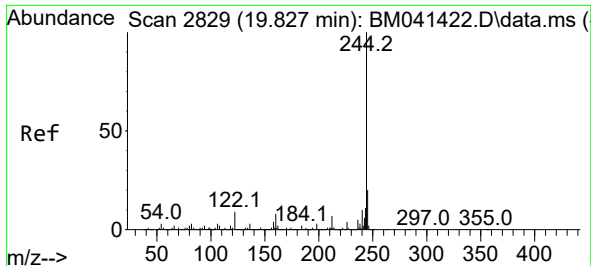
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.2

236 25.7 20.8 31.2

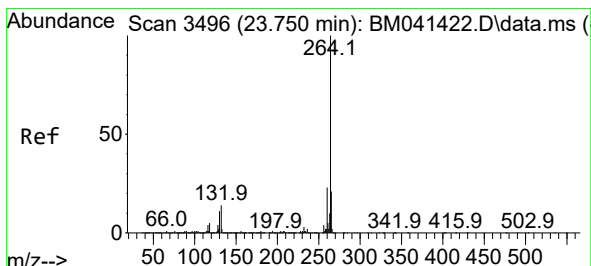
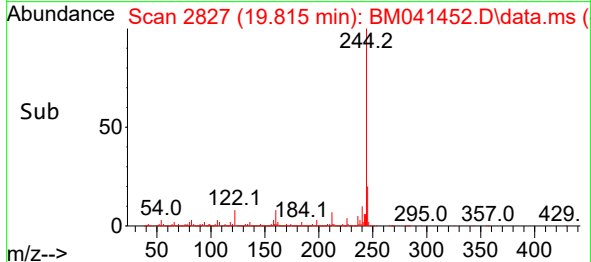
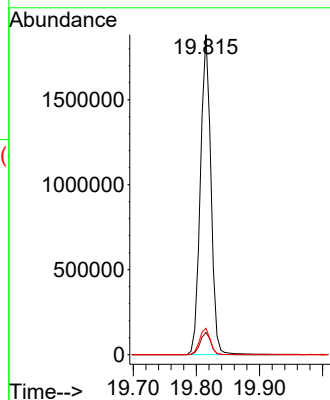
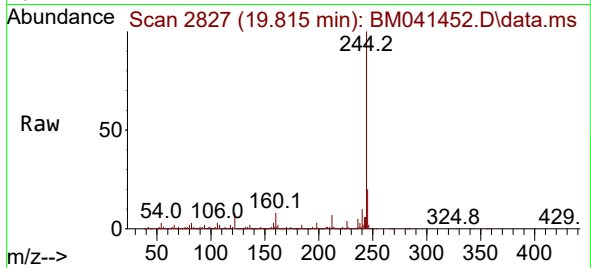




#79
 Terphenyl-d14
 Concen: 52.438 ng
 RT: 19.815 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041452.D
 Acq: 21 Aug 2023 17:36

Instrument :
 BNA_M
 ClientSampleId :
 WC-13

Tgt Ion:244 Resp: 2171445
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3491
 Delta R.T. -0.006 min
 Lab File: BM041452.D
 Acq: 21 Aug 2023 17:36

Tgt Ion:264 Resp: 737591
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 22.9 17.5 26.3

