

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
 Data File : BM034082.D
 Acq On : 25 Feb 2022 17:50
 Operator : CG/JU
 Sample : N1653-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-303-20220223F

Quant Time: Feb 26 04:02:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 26 03:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	117104	20.000	ng	0.00
21) Naphthalene-d8	10.819	136	412176	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	257611	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	554500	20.000	ng	# 0.00
76) Chrysene-d12	21.547	240	609932	20.000	ng	# 0.00
86) Perylene-d12	24.000	264	648887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.554	112	427919	65.140	ng	0.00
7) Phenol-d6	7.148	99	292197	33.873	ng	0.00
23) Nitrobenzene-d5	9.166	82	760985	99.634	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	565468	180.859	ng	0.00
45) 2-Fluorobiphenyl	13.271	172	2048251	105.930	ng	0.00
79) Terphenyl-d14	19.994	244	3254085	92.903	ng	0.00

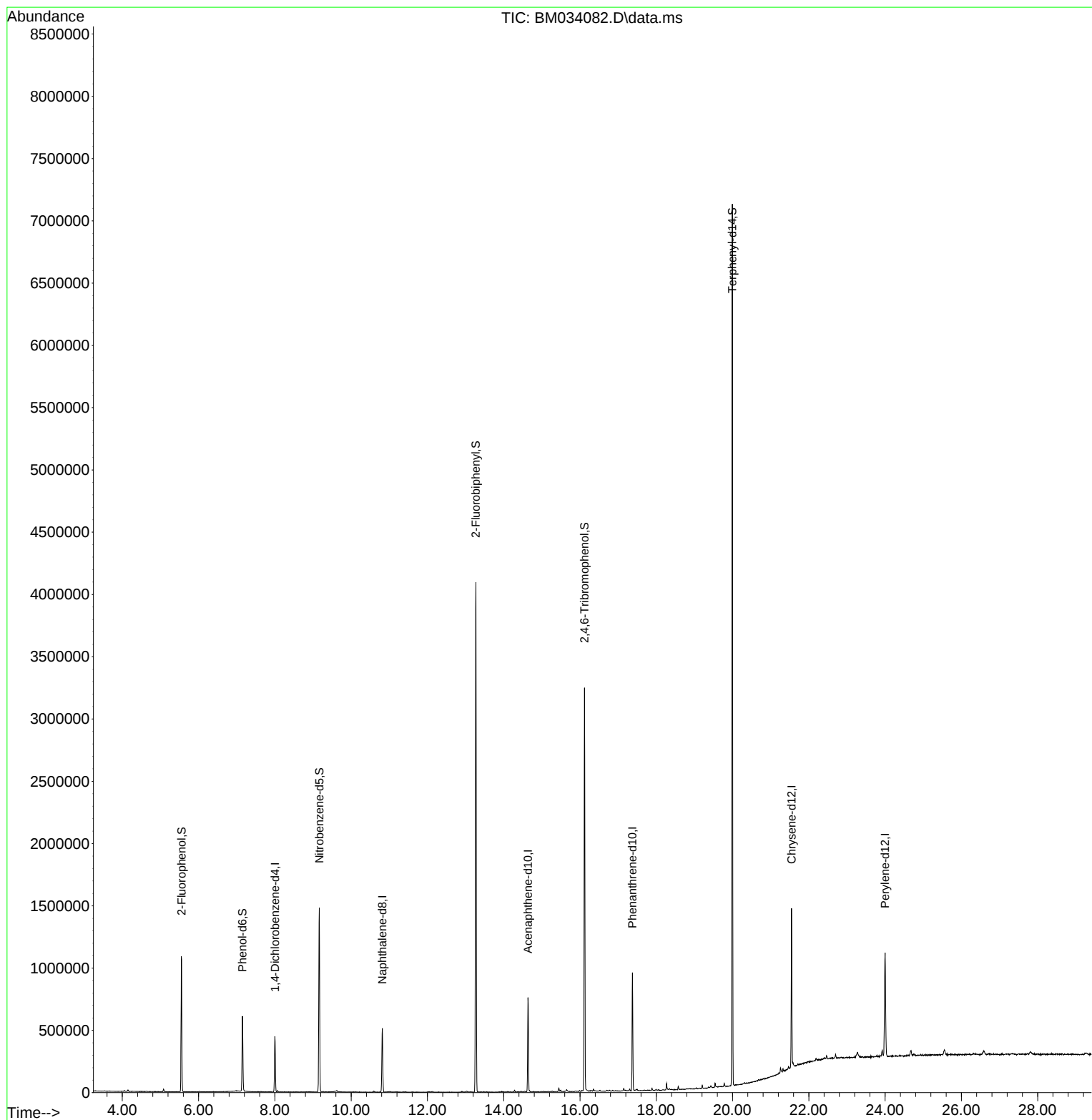
Target Compounds	Qvalue

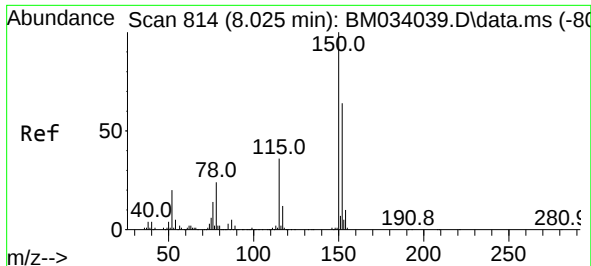
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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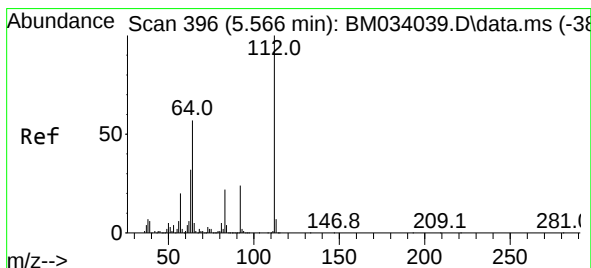
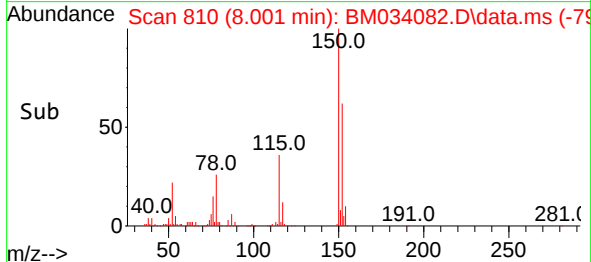
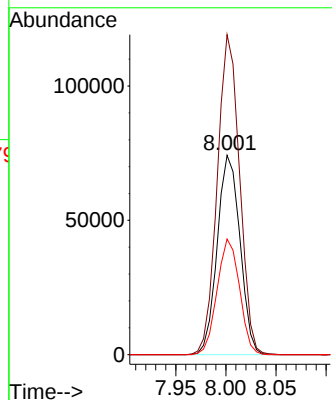
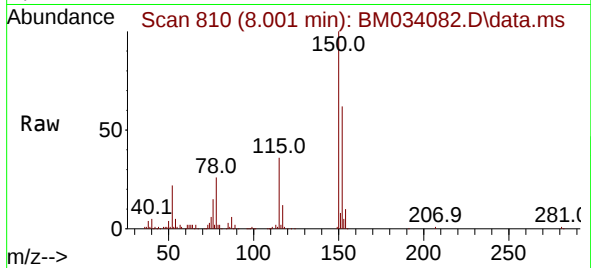




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.001 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM034082.D
Acq: 25 Feb 2022 17:50

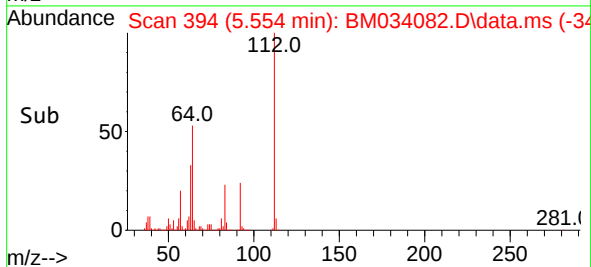
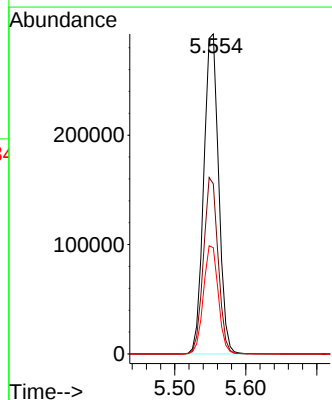
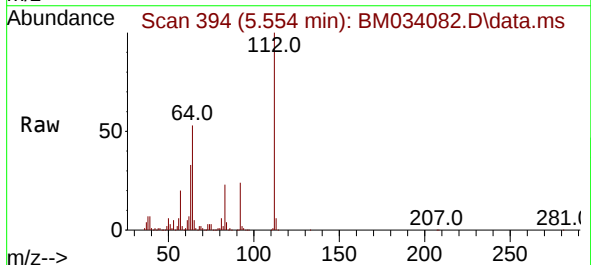
Instrument :
BNA_M
ClientSampleId :
SP-303-20220223F

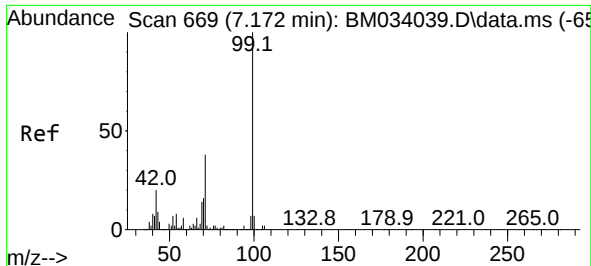
Tgt Ion:152 Resp: 117104
Ion Ratio Lower Upper
152 100
150 160.5 128.9 193.3
115 58.0 53.0 79.6



#5
2-Fluorophenol
Concen: 65.140 ng
RT: 5.554 min Scan# 394
Delta R.T. 0.006 min
Lab File: BM034082.D
Acq: 25 Feb 2022 17:50

Tgt Ion:112 Resp: 427919
Ion Ratio Lower Upper
112 100
64 53.2 55.5 83.3#
63 33.2 31.3 46.9

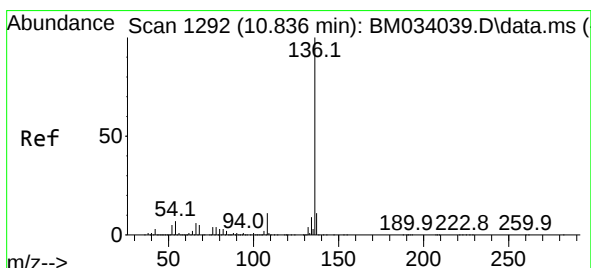
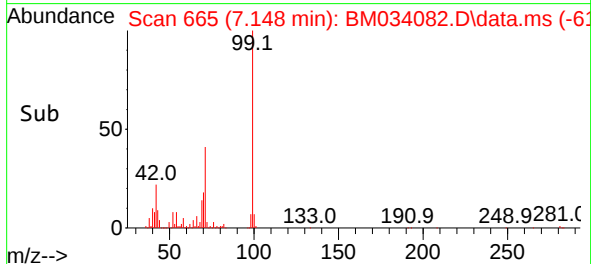
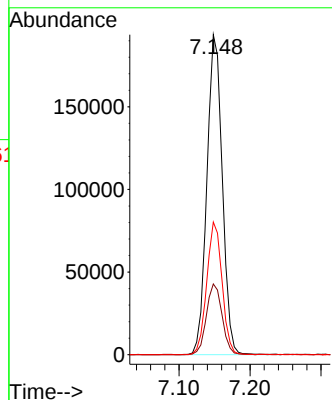
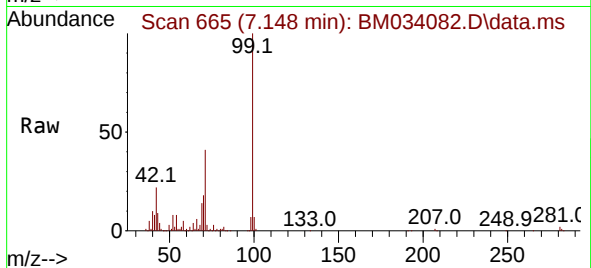




#7
Phenol-d6
Concen: 33.873 ng
RT: 7.148 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034082.D
Acq: 25 Feb 2022 17:50

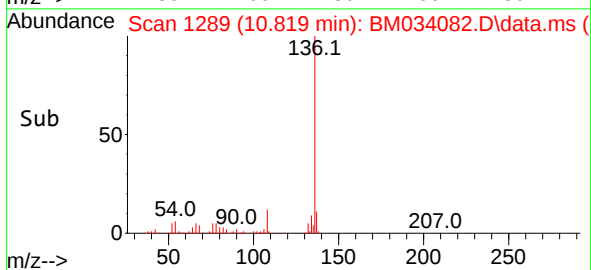
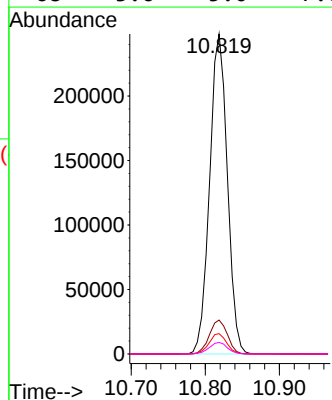
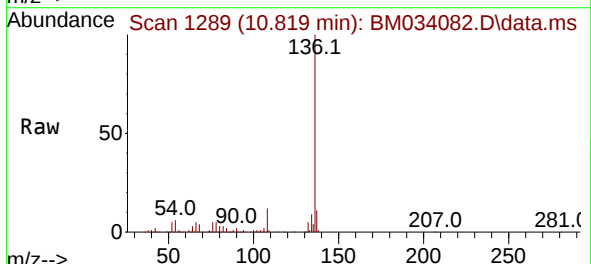
Instrument :
BNA_M
ClientSampleId :
SP-303-20220223F

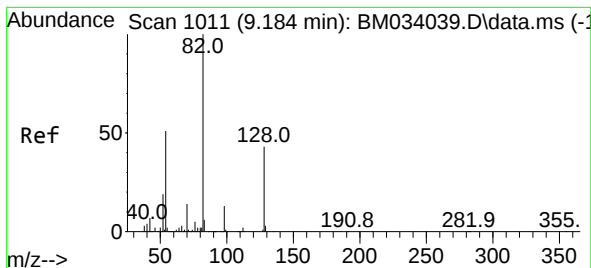
Tgt Ion: 99 Resp: 292197
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 41.4 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.819 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM034082.D
Acq: 25 Feb 2022 17:50

Tgt Ion: 136 Resp: 412176
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.3 8.3 12.5#
68 3.6 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 99.634 ng

RT: 9.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM034082.D

Acq: 25 Feb 2022 17:50

Instrument :

BNA_M

ClientSampleId :

SP-303-20220223F

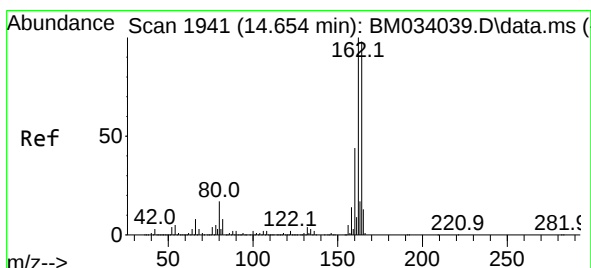
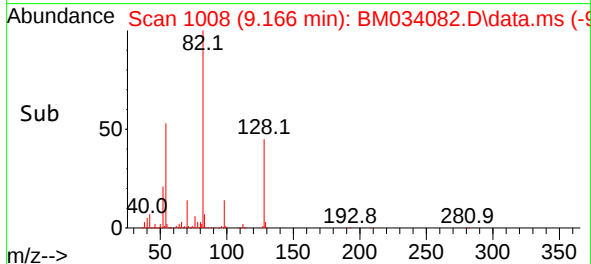
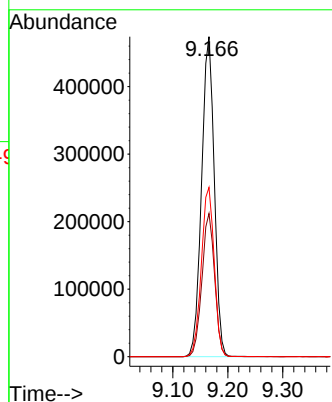
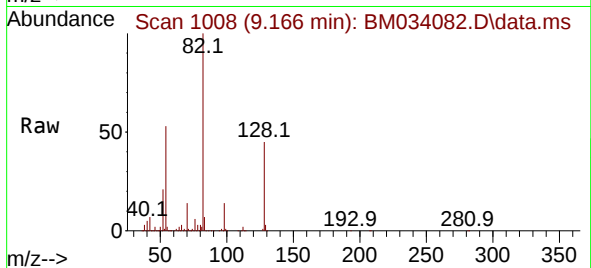
Tgt Ion: 82 Resp: 760985

Ion Ratio Lower Upper

82 100

128 44.8 28.1 42.1#

54 52.9 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.636 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BM034082.D

Acq: 25 Feb 2022 17:50

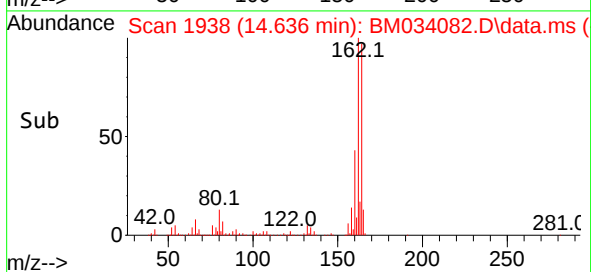
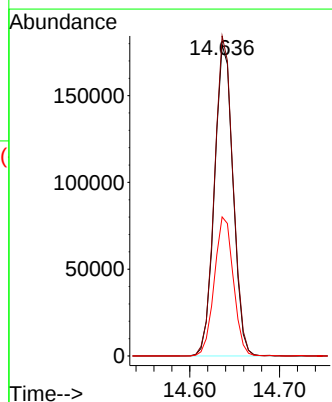
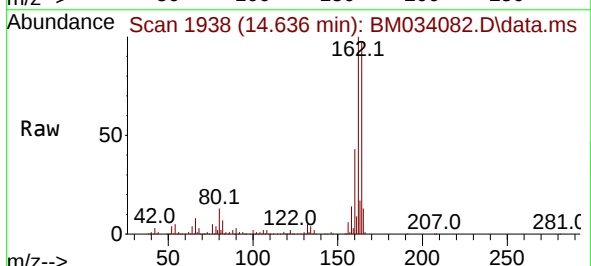
Tgt Ion:164 Resp: 257611

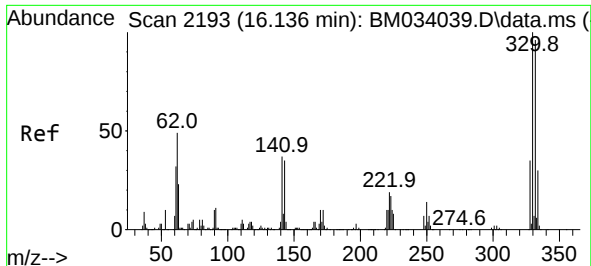
Ion Ratio Lower Upper

164 100

162 102.8 79.7 119.5

160 44.7 34.2 51.4

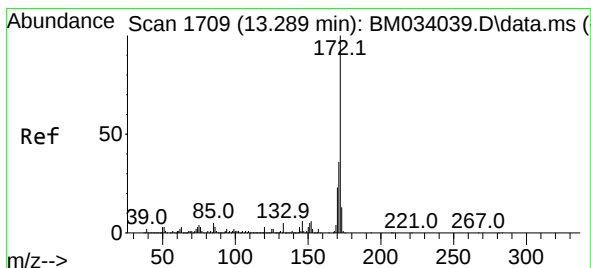
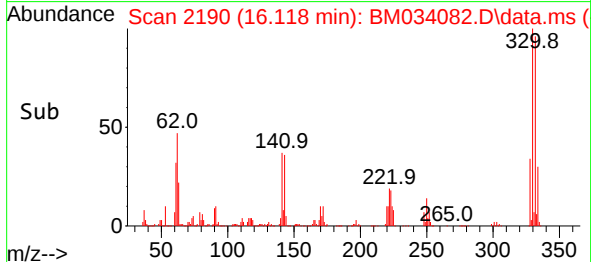
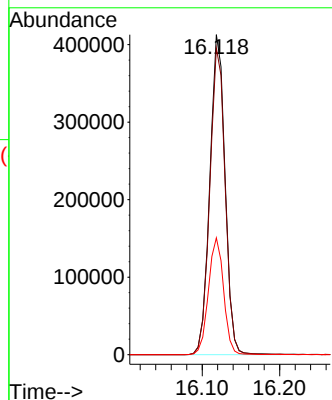
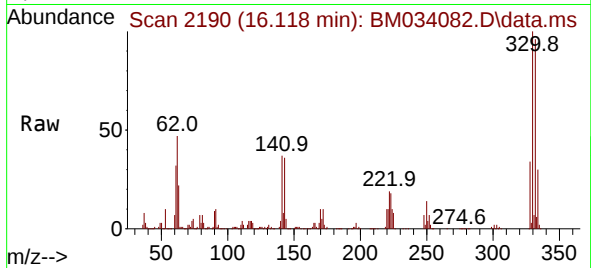




#42
2,4,6-Tribromophenol
Concen: 180.859 ng
RT: 16.118 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM034082.D
Acq: 25 Feb 2022 17:50

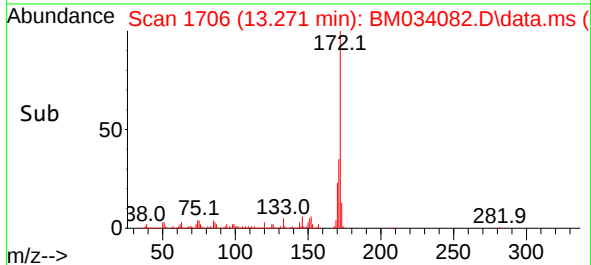
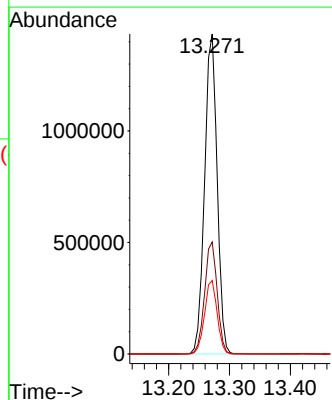
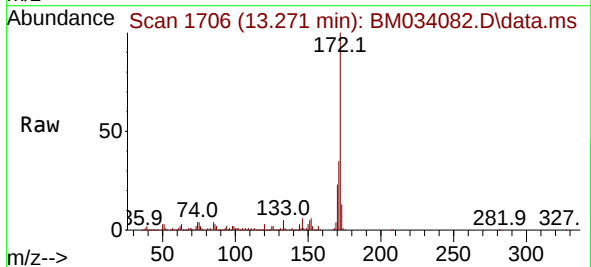
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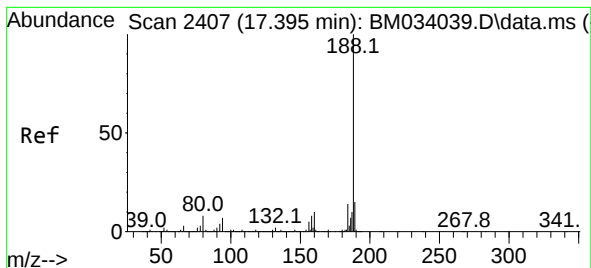
Tgt Ion:330 Resp: 565468
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.4 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 105.930 ng
RT: 13.271 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BM034082.D
Acq: 25 Feb 2022 17:50

Tgt Ion:172 Resp: 2048251
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.377 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BM034082.D

Acq: 25 Feb 2022 17:50

Instrument :

BNA_M

ClientSampleId :

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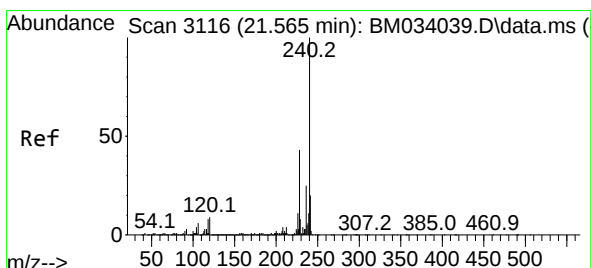
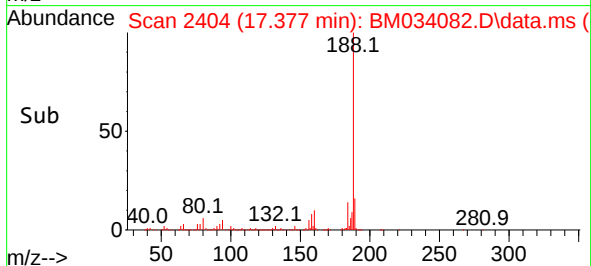
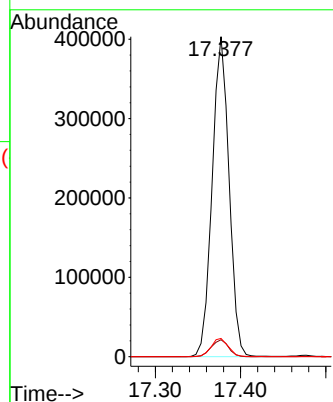
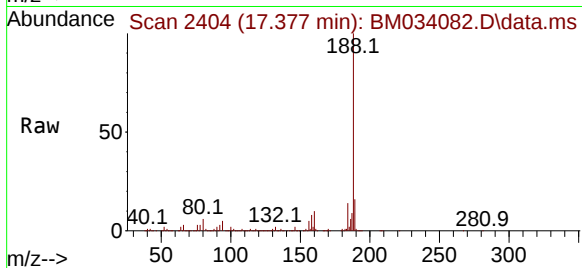
Tgt Ion:188 Resp: 554500

Ion Ratio Lower Upper

188 100

94 5.3 7.5 11.3#

80 5.7 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.547 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM034082.D

Acq: 25 Feb 2022 17:50

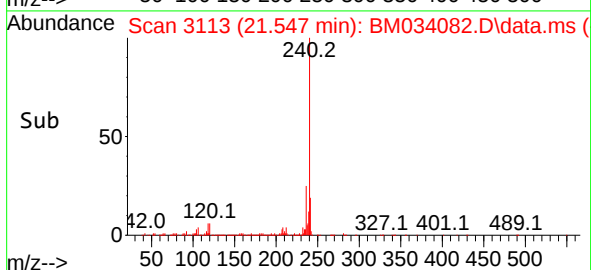
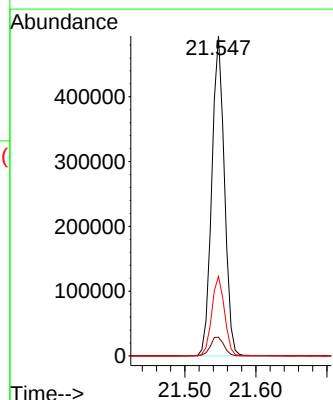
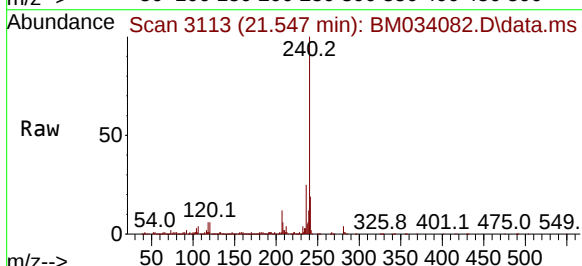
Tgt Ion:240 Resp: 609932

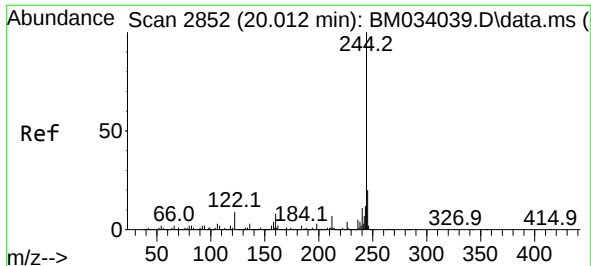
Ion Ratio Lower Upper

240 100

120 5.8 7.8 11.6#

236 24.8 20.3 30.5

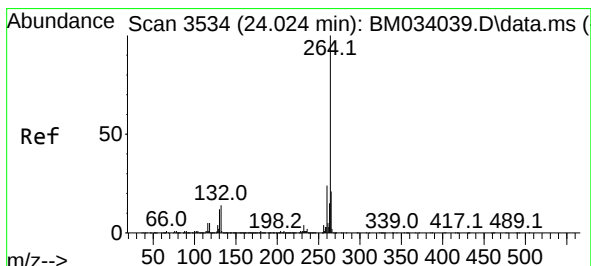
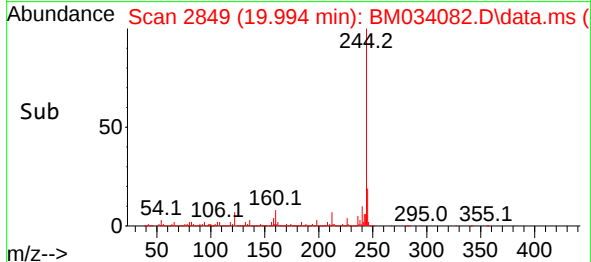
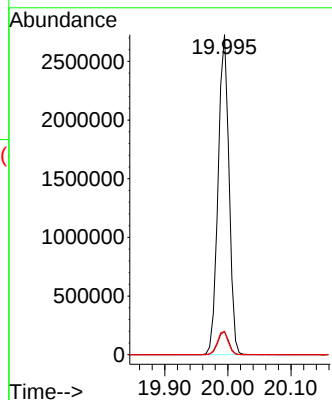
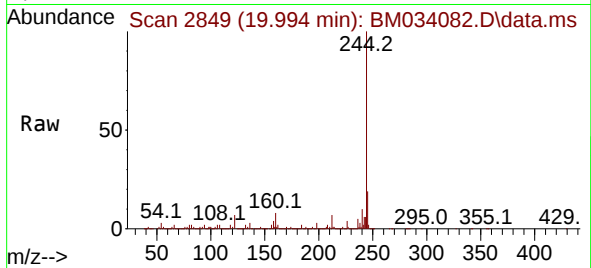




#79
 Terphenyl-d14
 Concen: 92.903 ng
 RT: 19.994 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM034082.D
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Tgt Ion:244 Resp: 3254085
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 7.3 8.4 12.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.000 min Scan# 3530
 Delta R.T. -0.000 min
 Lab File: BM034082.D
 Acq: 25 Feb 2022 17:50

Tgt Ion:264 Resp: 648887
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.7 26.5
 265 21.4 17.7 26.5

