

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038676.D
 Acq On : 02 Feb 2023 23:01
 Operator : CG/JU
 Sample : 01348-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 N-H5(32-34)

Quant Time: Feb 03 05:39:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

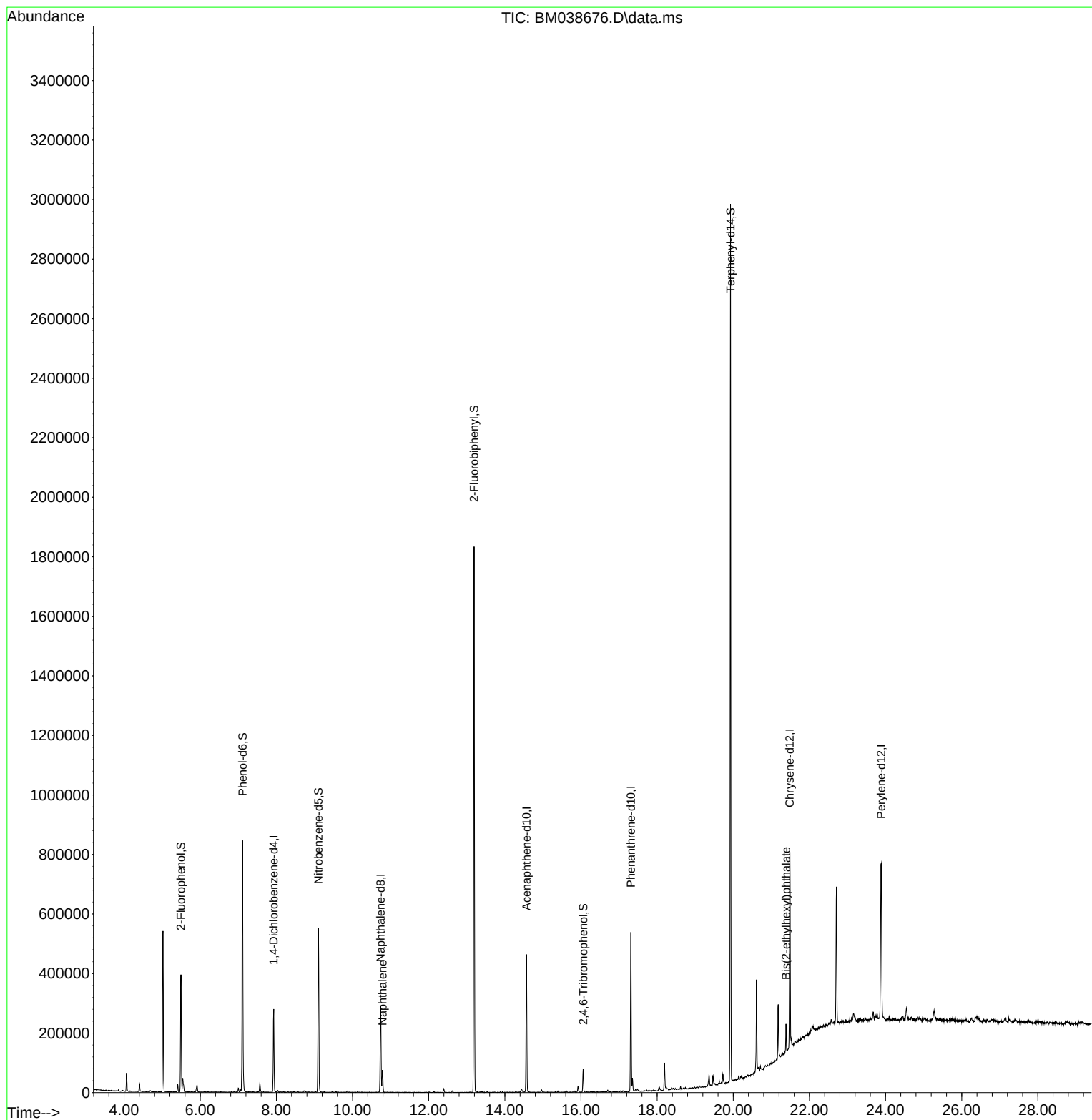
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	81965	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	246156	20.000	ng	#-0.01
39) Acenaphthene-d10	14.568	164	162361	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	325727	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	288043	20.000	ng	-0.01
86) Perylene-d12	23.885	264	389765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	169567	40.525	ng	0.00
7) Phenol-d6	7.110	99	457503	95.868	ng	0.00
23) Nitrobenzene-d5	9.104	82	297941	68.750	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	14743	6.681	ng	-0.01
45) 2-Fluorobiphenyl	13.192	172	927926	72.760	ng	-0.01
79) Terphenyl-d14	19.927	244	1196668	73.313	ng	0.00
Target Compounds						
31) Naphthalene	10.786	128	56419	4.466	ng	98
84) Bis(2-ethylhexyl)phtha...	21.386	149	35651	3.646	ng	97

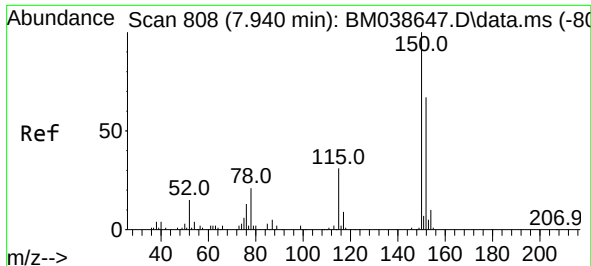
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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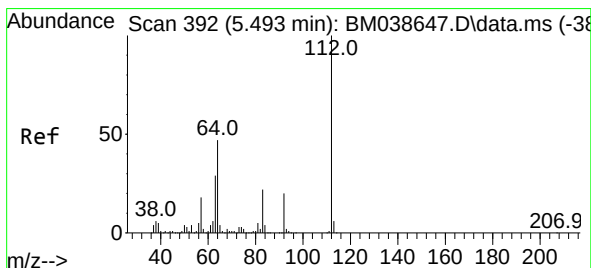
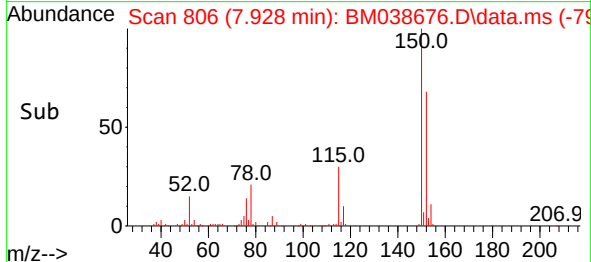
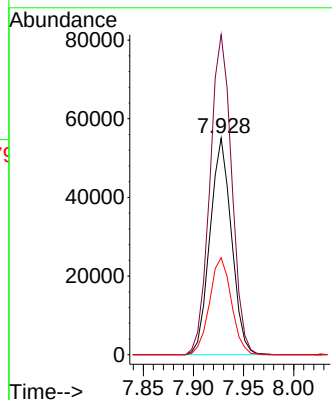
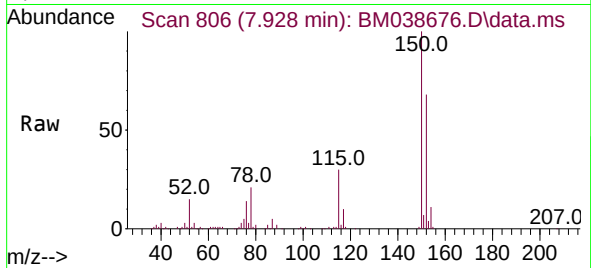




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.012 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

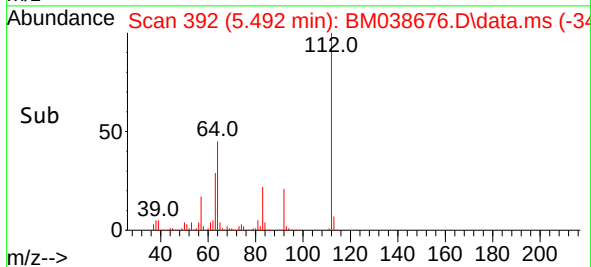
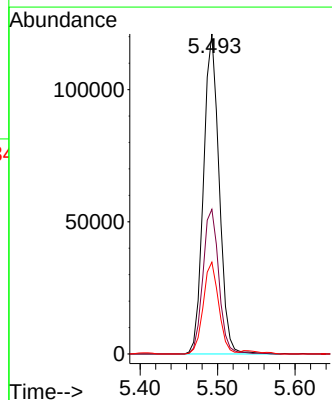
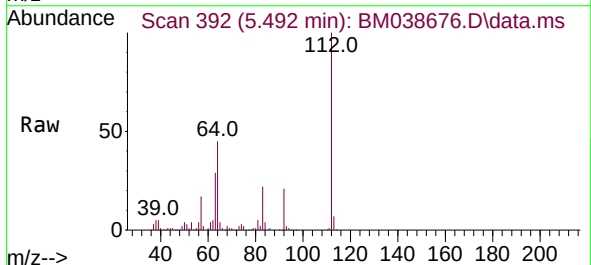
Instrument :
BNA_M
ClientSampleId :
N-H5(32-34)

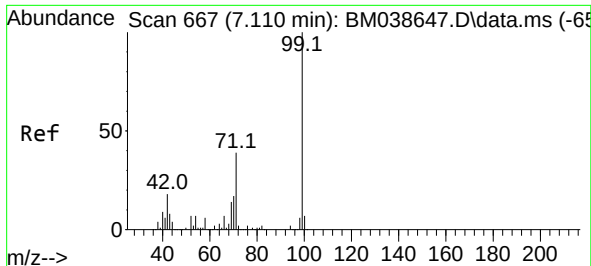
Tgt Ion:152 Resp: 81965
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 44.8 37.6 56.4



#5
2-Fluorophenol
Concen: 40.525 ng
RT: 5.492 min Scan# 392
Delta R.T. -0.000 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

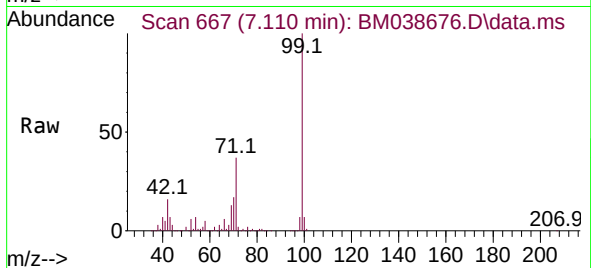
Tgt Ion:112 Resp: 169567
Ion Ratio Lower Upper
112 100
64 45.2 37.9 56.9
63 28.7 23.3 34.9



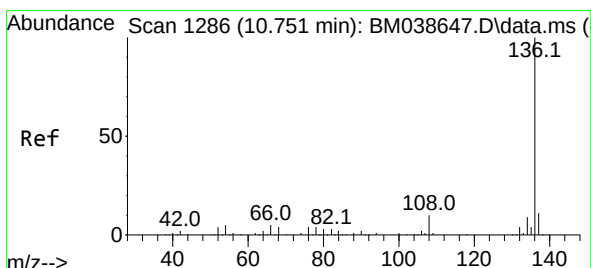
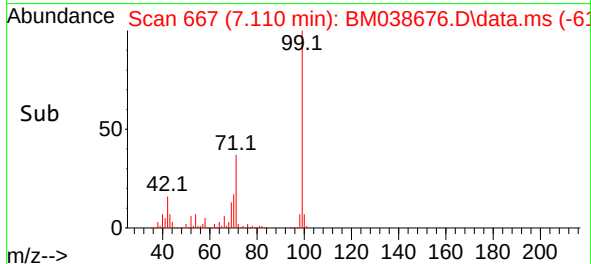
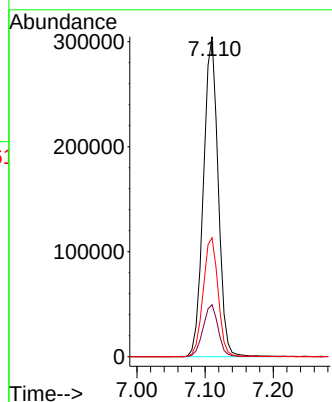


#7
Phenol-d6
Concen: 95.868 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

Instrument :
BNA_M
ClientSampleId :
N-H5(32-34)

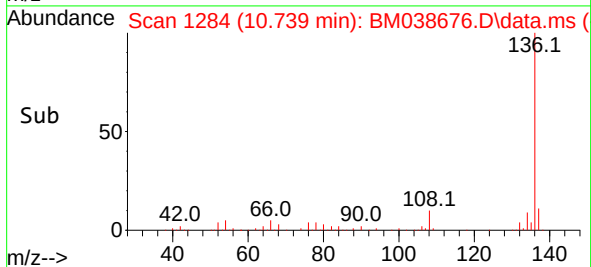
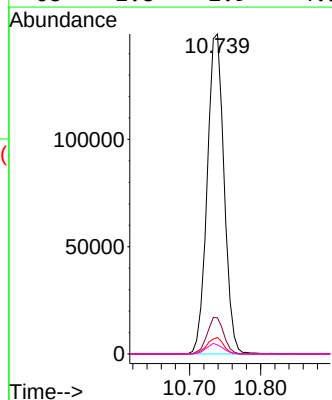
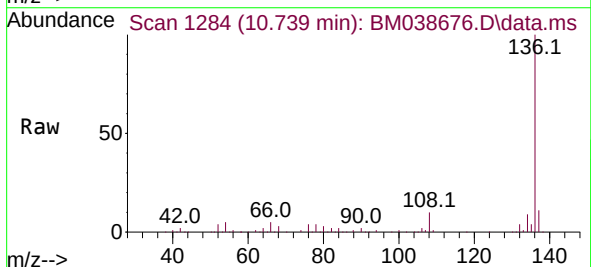


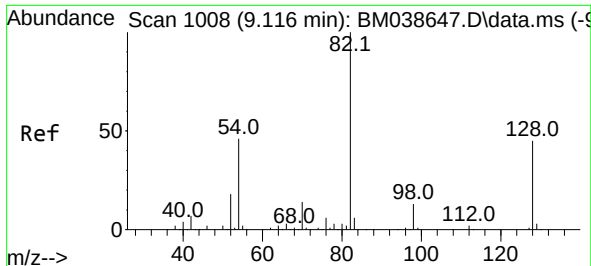
Tgt Ion: 99 Resp: 457503
Ion Ratio Lower Upper
99 100
42 16.2 14.6 22.0
71 37.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

Tgt Ion: 136 Resp: 246156
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.2 4.2 6.4
68 2.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 68.750 ng

RT: 9.104 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM038676.D

Acq: 02 Feb 2023 23:01

Instrument :

BNA_M

ClientSampleId :

N-H5(32-34)

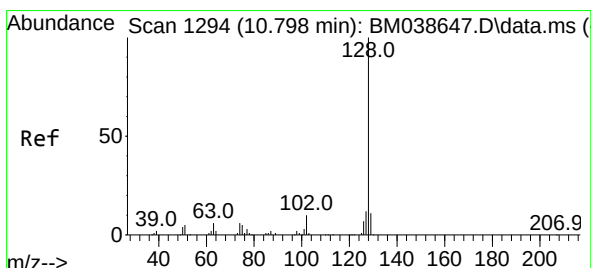
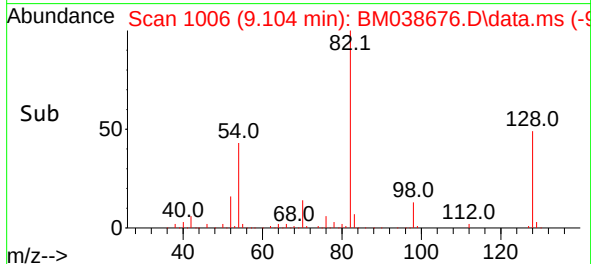
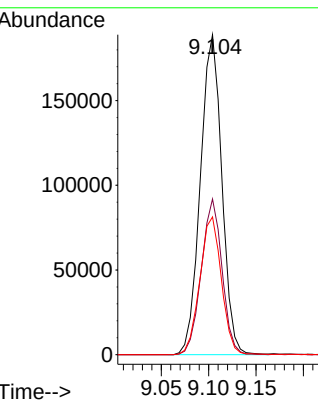
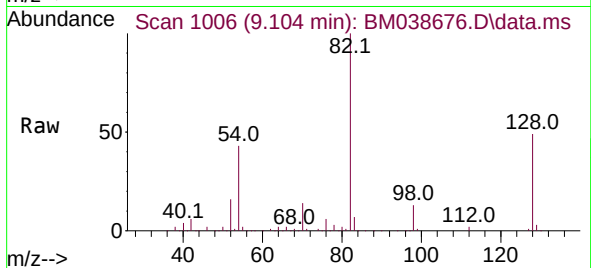
Tgt Ion: 82 Resp: 297941

Ion Ratio Lower Upper

82 100

128 48.6 36.0 54.0

54 43.1 36.8 55.2



#31

Naphthalene

Concen: 4.466 ng

RT: 10.786 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BM038676.D

Acq: 02 Feb 2023 23:01

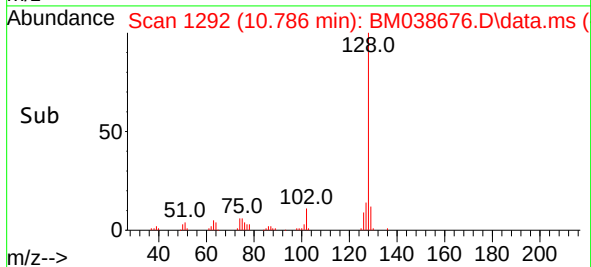
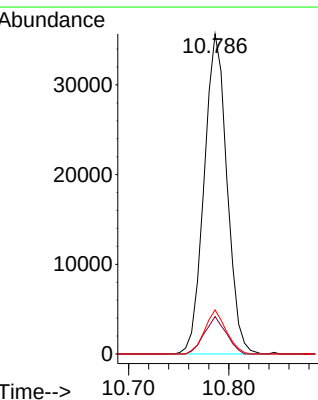
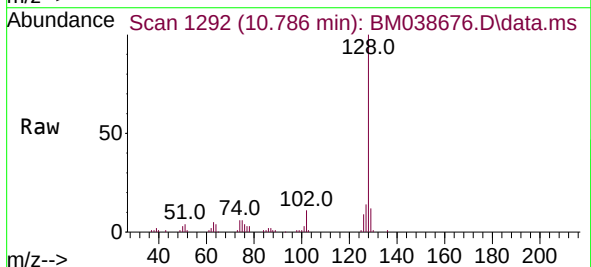
Tgt Ion: 128 Resp: 56419

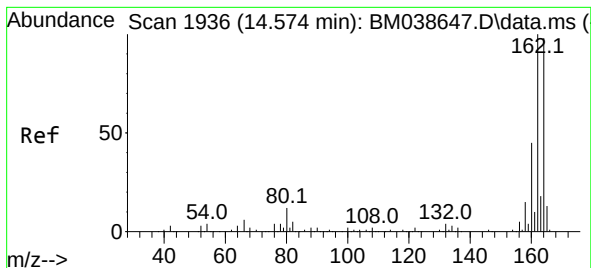
Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

127 13.8 9.9 14.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM038676.D

Acq: 02 Feb 2023 23:01

Instrument :

BNA_M

ClientSampleId :

N-H5(32-34)

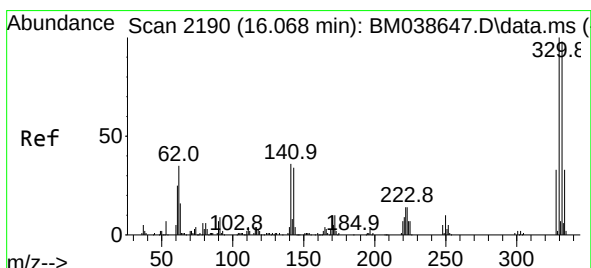
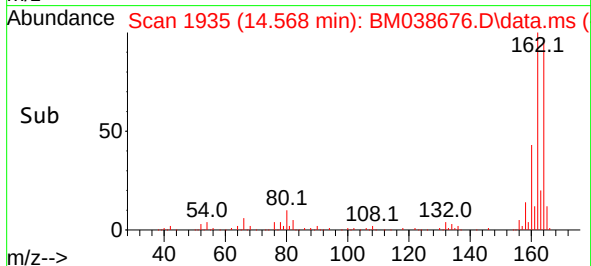
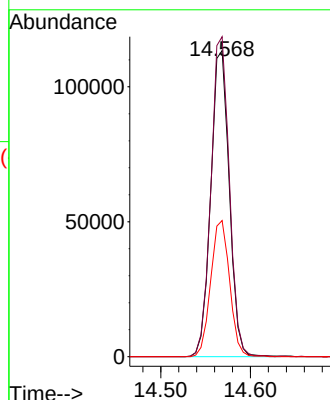
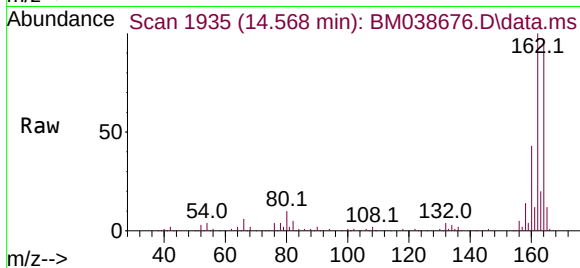
Tgt Ion:164 Resp: 162361

Ion Ratio Lower Upper

164 100

162 104.5 81.4 122.0

160 44.5 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 6.681 ng

RT: 16.057 min Scan# 2188

Delta R.T. -0.011 min

Lab File: BM038676.D

Acq: 02 Feb 2023 23:01

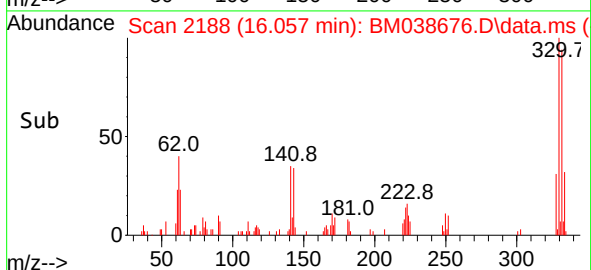
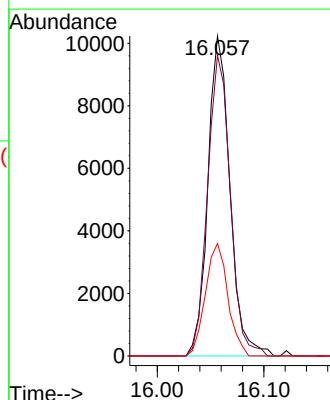
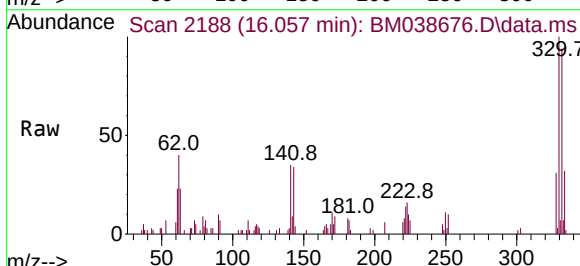
Tgt Ion:330 Resp: 14743

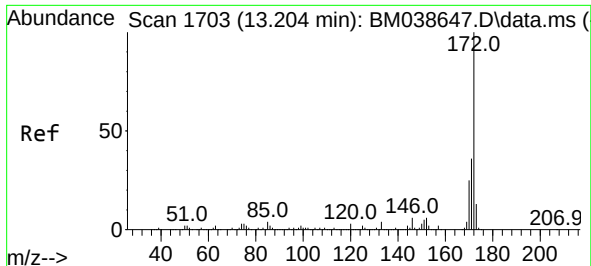
Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 35.7 31.0 46.6

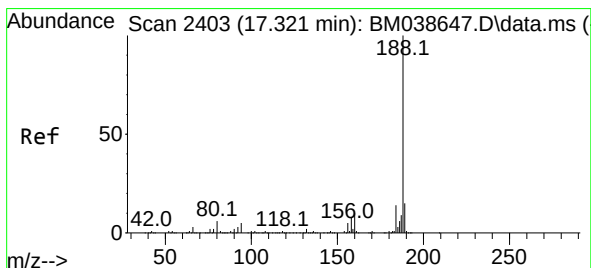
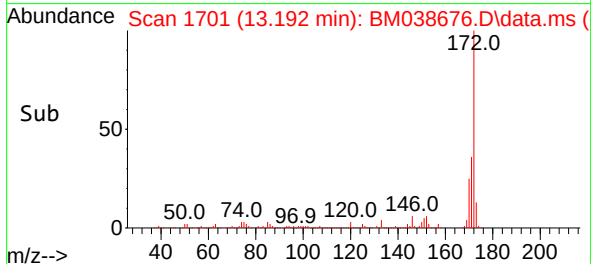
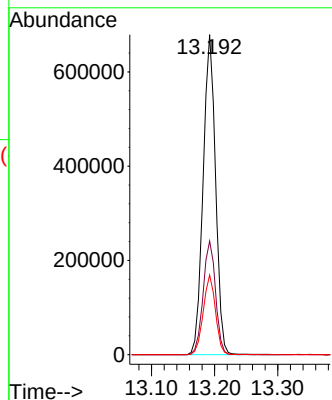
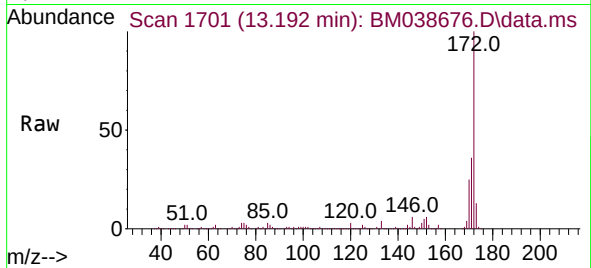




#45
2-Fluorobiphenyl
Concen: 72.760 ng
RT: 13.192 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

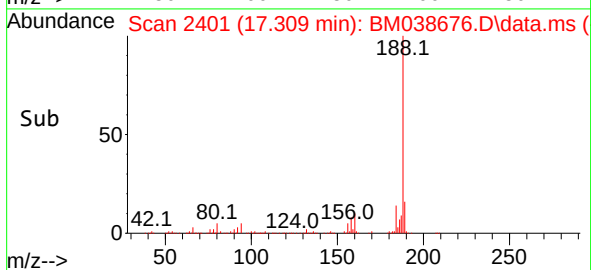
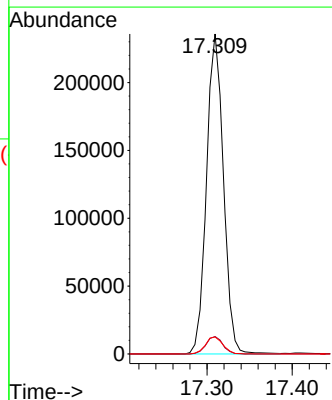
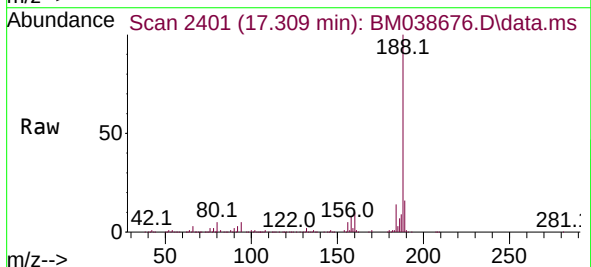
Instrument :
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N-H5(32-34)

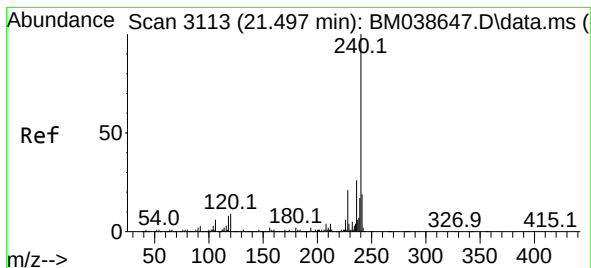
Tgt Ion:172 Resp: 927926
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.9 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

Tgt Ion:188 Resp: 325727
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.4
80 5.3 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM038676.D

Acq: 02 Feb 2023 23:01

Instrument :

BNA_M

ClientSampleId :

N-H5(32-34)

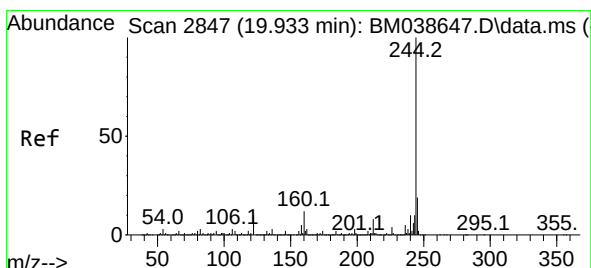
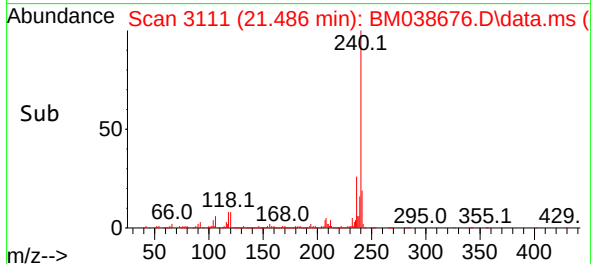
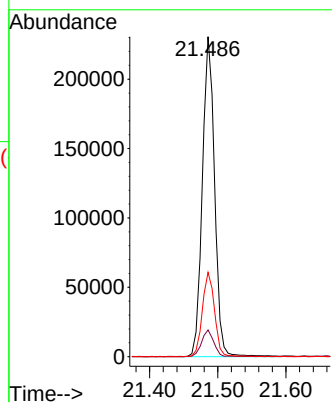
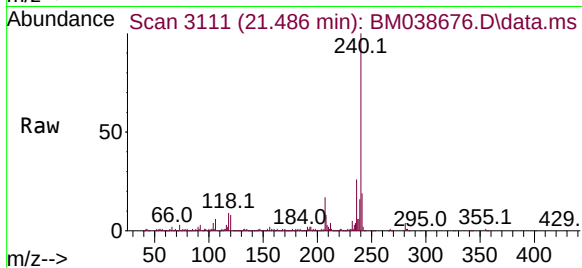
Tgt Ion:240 Resp: 288043

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.4

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 73.313 ng

RT: 19.927 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM038676.D

Acq: 02 Feb 2023 23:01

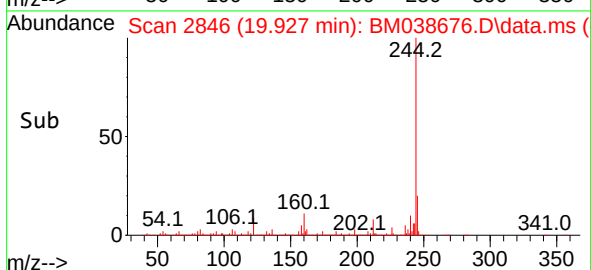
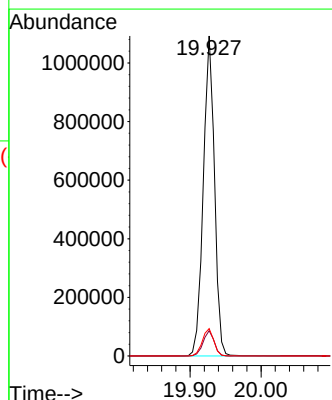
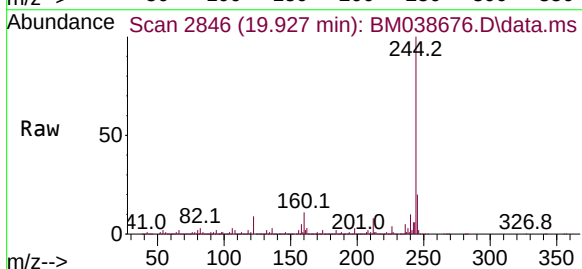
Tgt Ion:244 Resp: 1196668

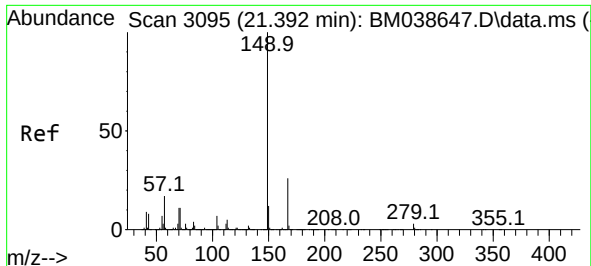
Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 8.6 7.8 11.8

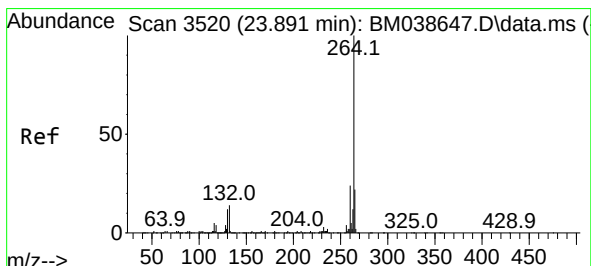
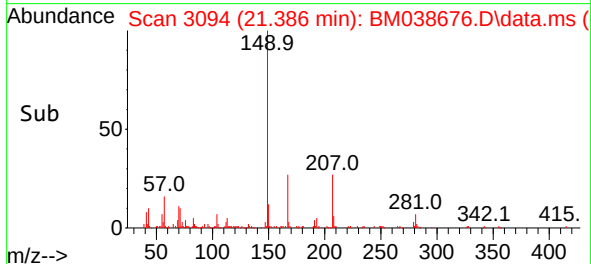
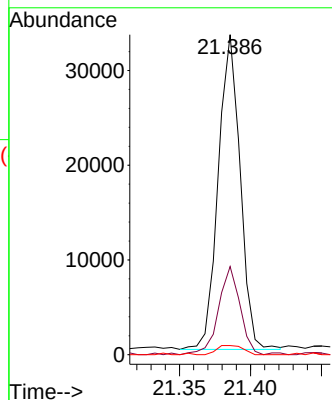
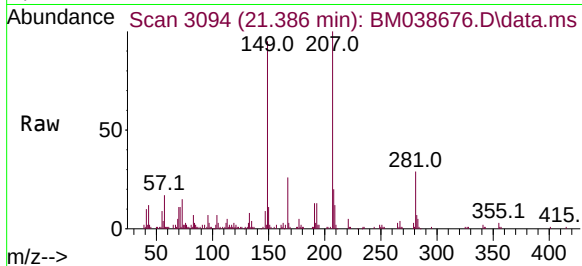




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.646 ng
RT: 21.386 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

Instrument :
BNA_M
ClientSampleId :
N-H5(32-34)

Tgt Ion:149 Resp: 35651
Ion Ratio Lower Upper
149 100
167 27.5 20.8 31.2
279 2.8 2.5 3.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.885 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM038676.D
Acq: 02 Feb 2023 23:01

Tgt Ion:264 Resp: 389765
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.7 17.9 26.9

