

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039990.D
 Acq On : 24 May 2023 18:49
 Operator : CG/JU
 Sample : 02891-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A653

Quant Time: May 25 04:29:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

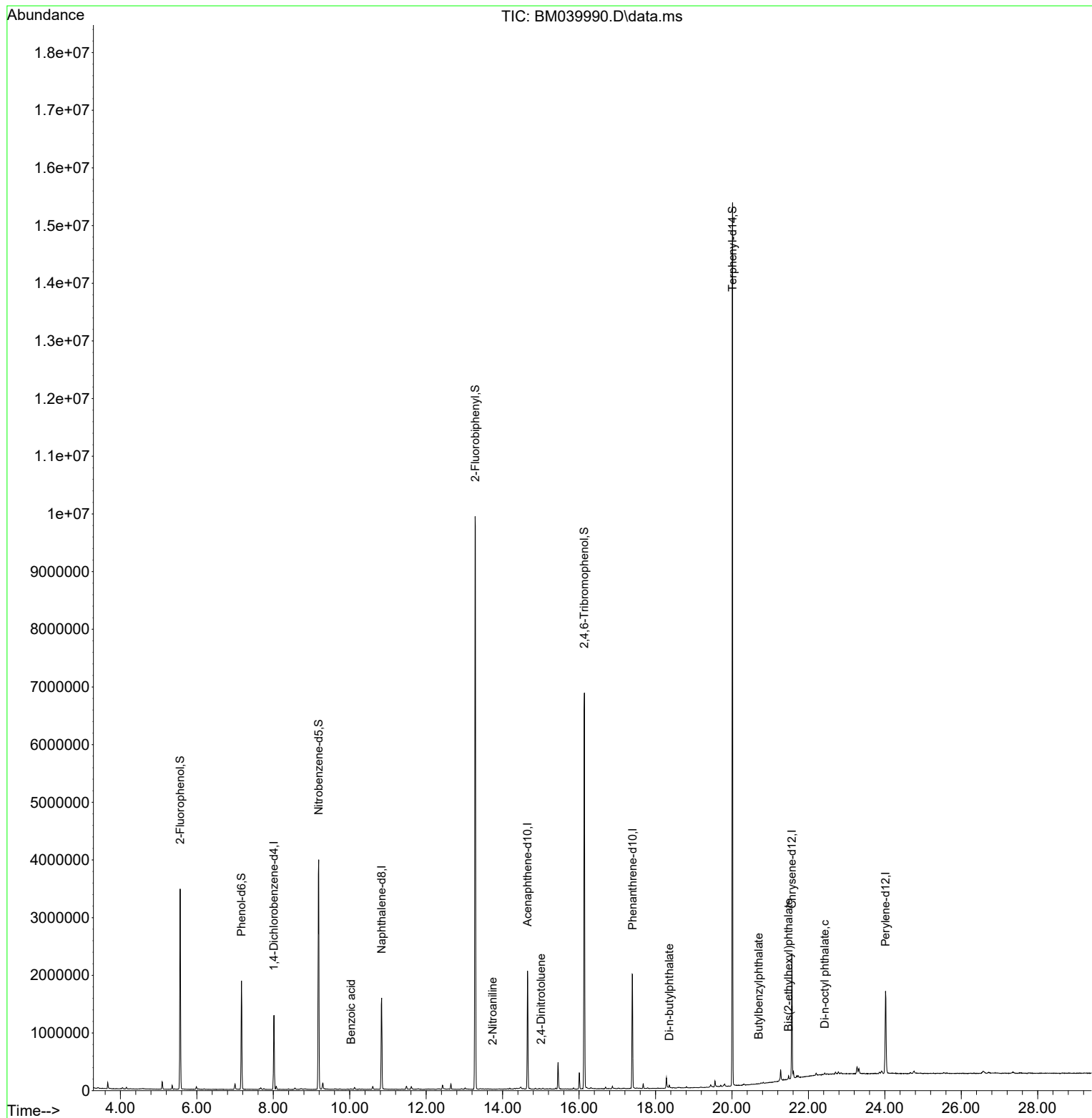
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	339132	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1323126	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	653268	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	1146808	20.000	ng	0.00
76) Chrysene-d12	21.568	240	879756	20.000	ng	0.00
86) Perylene-d12	24.021	264	974736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1516556	68.596	ng	0.00
7) Phenol-d6	7.169	99	1095081	37.971	ng	0.00
23) Nitrobenzene-d5	9.186	82	2225099	90.745	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	1239412	146.176	ng	0.00
45) 2-Fluorobiphenyl	13.286	172	4983953	89.986	ng	0.00
79) Terphenyl-d14	20.015	244	6677557	117.854	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.033	122	3299	8.007	ng	91
48) 2-Nitroaniline	13.739	65	86	2.567	ng	# 34
57) 2,4-Dinitrotoluene	15.004	165	156	3.759	ng	# 72
74) Di-n-butylphthalate	18.362	149	29263	4.006	ng	# 98
80) Butylbenzylphthalate	20.703	149	1304	4.876	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.480	149	22769	4.100	ng	# 96
85) Di-n-octyl phthalate	22.427	149	15047	6.813	ng	# 89

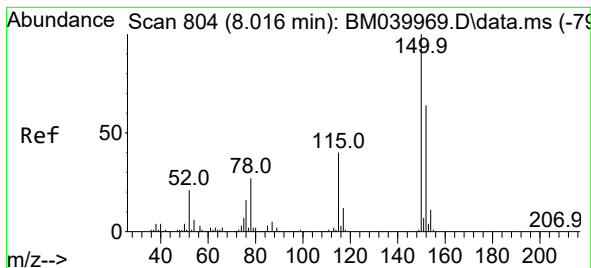
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.016 min Scan# 804

Delta R.T. -0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

Instrument :

BNA_M

ClientSampleId :

A653

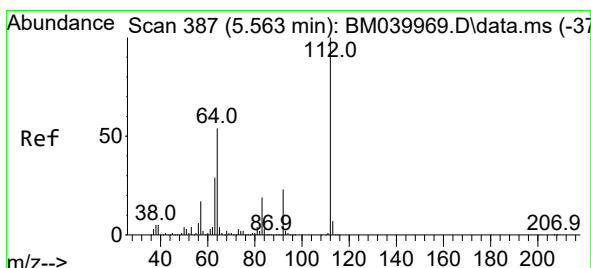
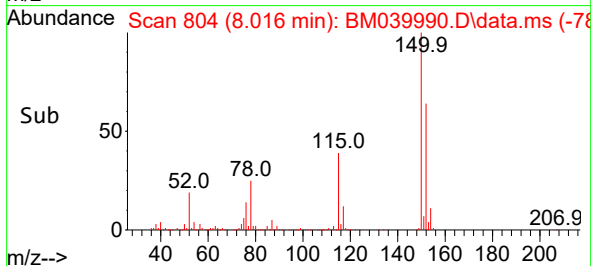
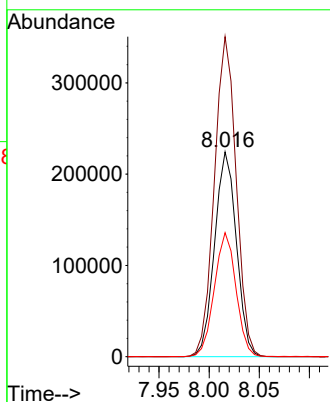
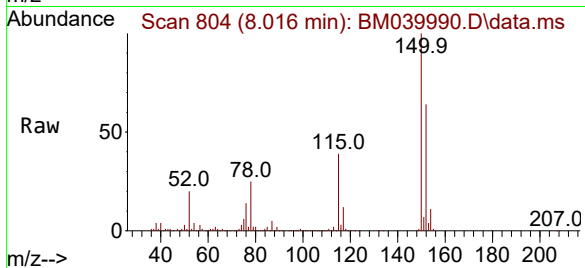
Tgt Ion:152 Resp: 339132

Ion Ratio Lower Upper

152 100

150 156.3 125.5 188.3

115 60.6 50.2 75.2



#5

2-Fluorophenol

Concen: 68.596 ng

RT: 5.563 min Scan# 387

Delta R.T. -0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

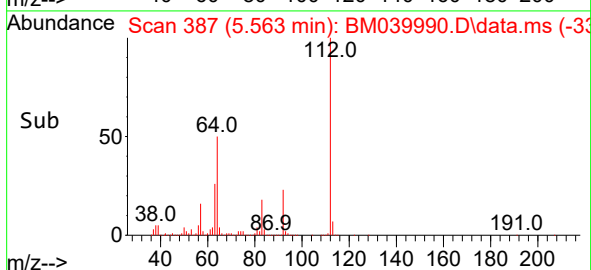
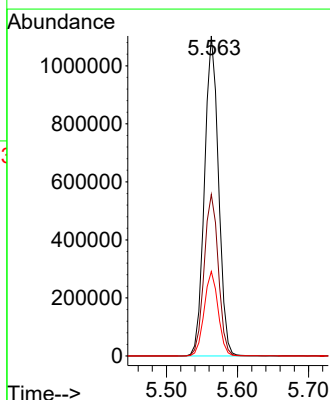
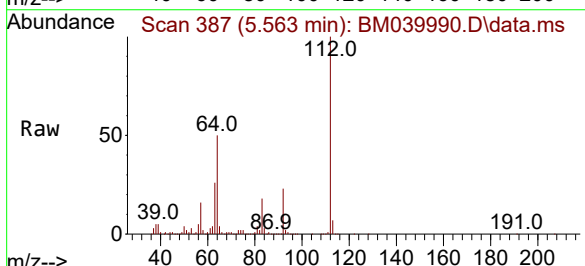
Tgt Ion:112 Resp: 1516556

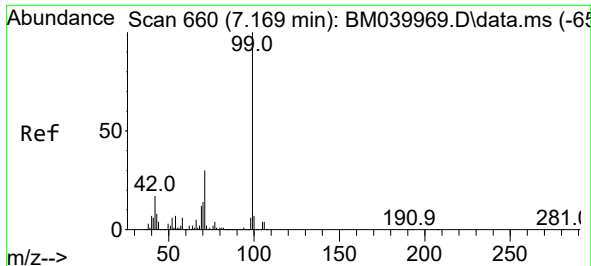
Ion Ratio Lower Upper

112 100

64 50.4 43.0 64.4

63 26.4 22.9 34.3



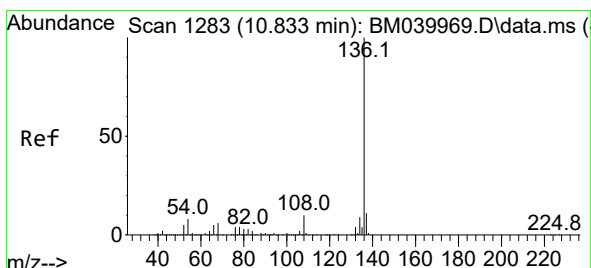
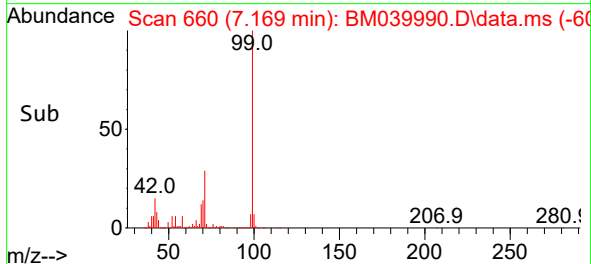
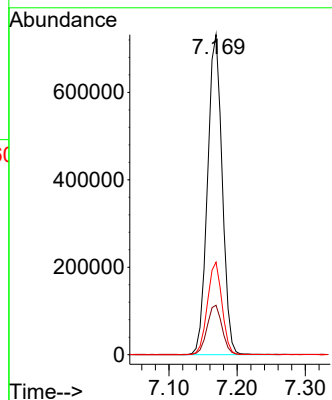
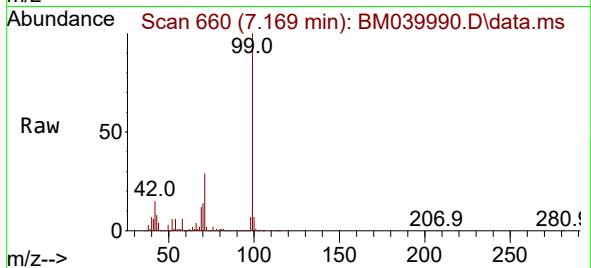


#7
Phenol-d6
Concen: 37.971 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM039990.D
Acq: 24 May 2023 18:49

Instrument :
BNA_M
ClientSampleId :
A653

Tgt Ion: 99 Resp: 1095081

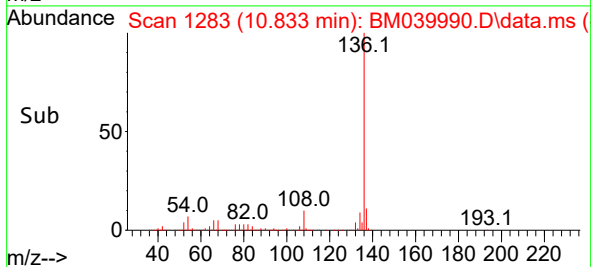
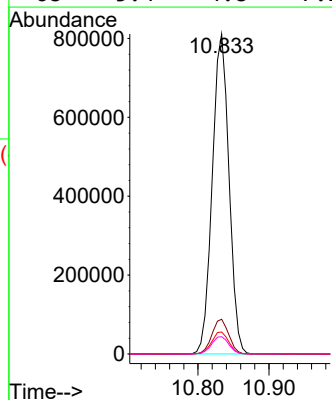
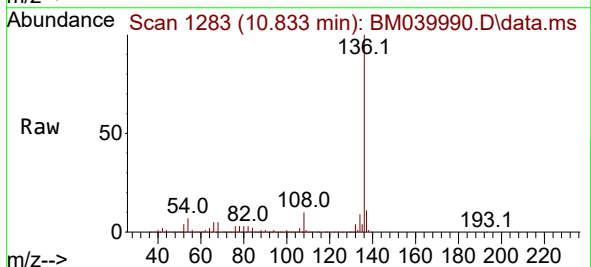
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.8	20.6
71	28.9	24.4	36.6

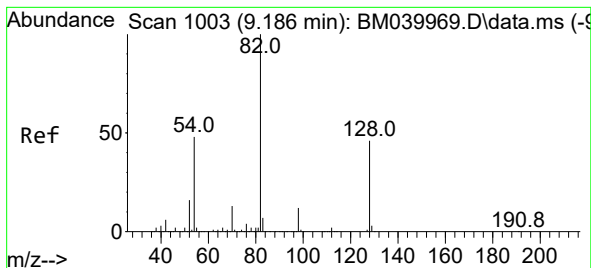


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039990.D
Acq: 24 May 2023 18:49

Tgt Ion: 136 Resp: 1323126

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	6.1	9.1
68	5.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 90.745 ng

RT: 9.186 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

Instrument :

BNA_M

ClientSampleId :

A653

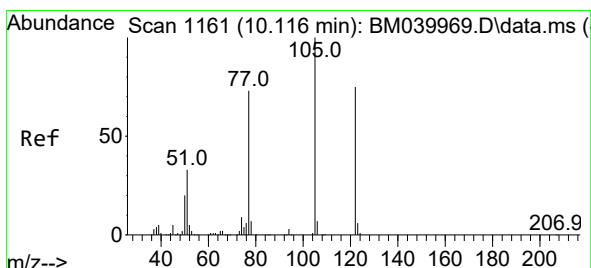
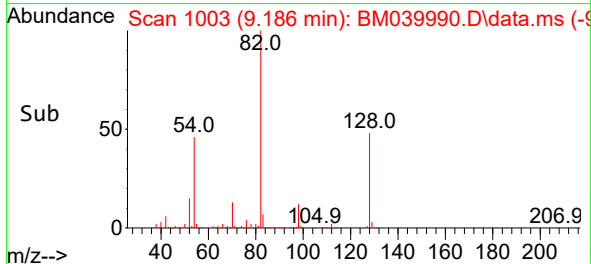
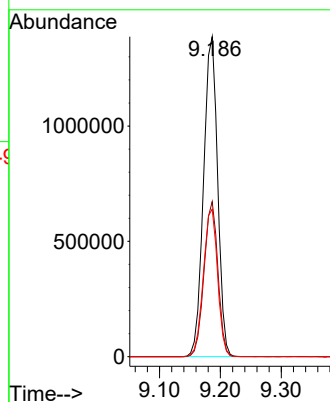
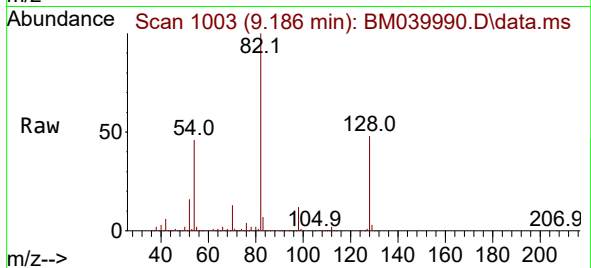
Tgt Ion: 82 Resp: 2225099

Ion Ratio Lower Upper

82 100

128 48.5 36.5 54.7

54 46.1 38.3 57.5



#32

Benzoic acid

Concen: 8.007 ng

RT: 10.033 min Scan# 1147

Delta R.T. -0.083 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

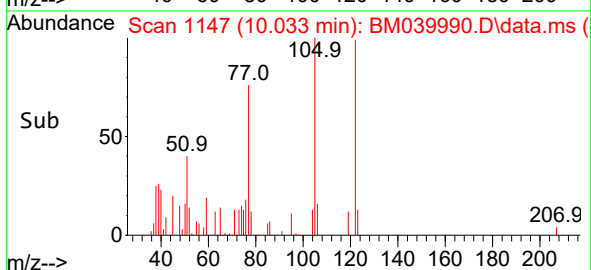
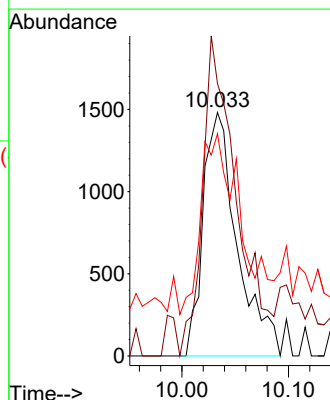
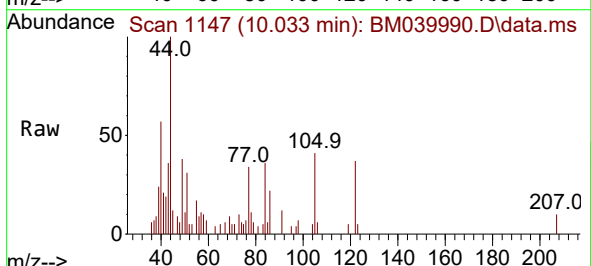
Tgt Ion:122 Resp: 3299

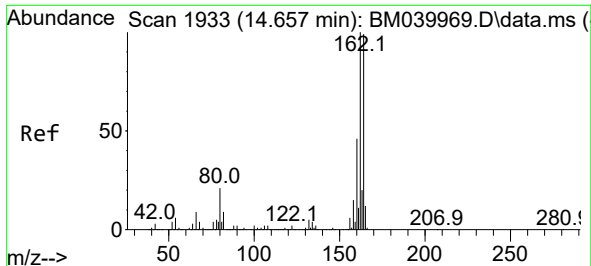
Ion Ratio Lower Upper

122 100

105 111.8 106.0 146.0

77 91.2 74.7 114.7

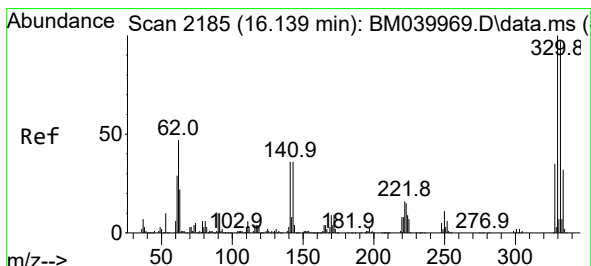
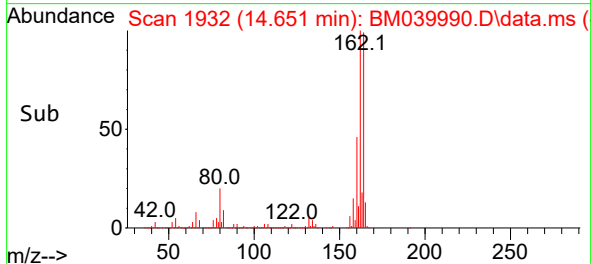
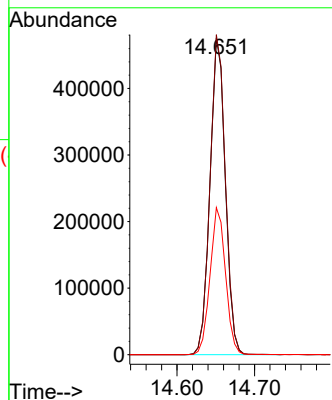
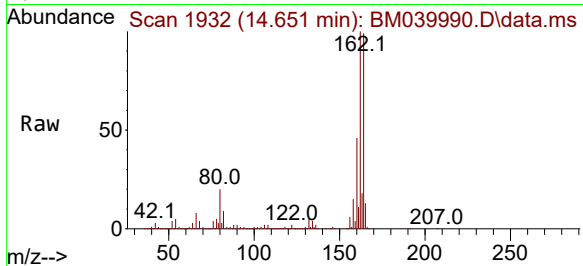




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039990.D
Acq: 24 May 2023 18:49

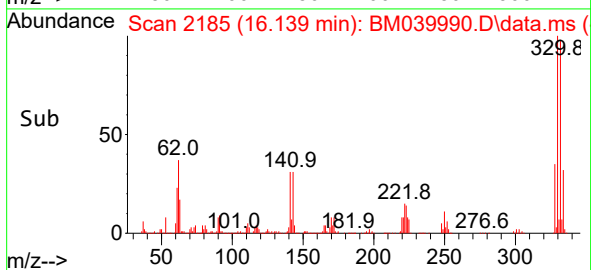
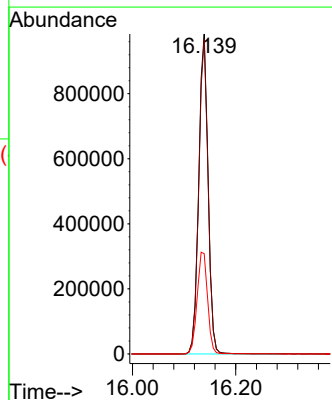
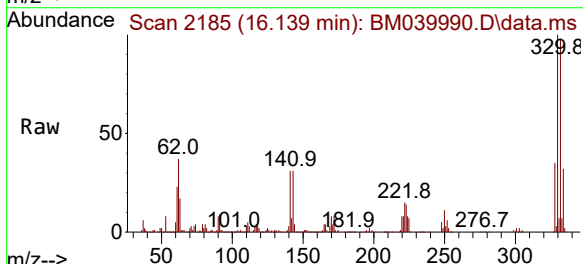
Instrument :
BNA_M
ClientSampleId :
A653

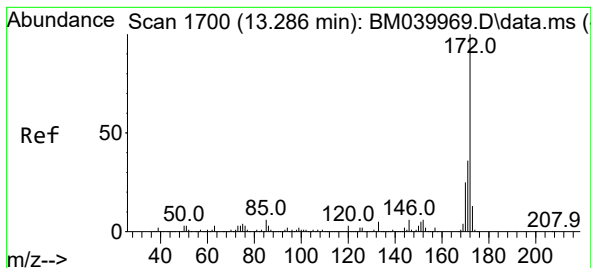
Tgt Ion:164 Resp: 653268
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 46.4 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 146.176 ng
RT: 16.139 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM039990.D
Acq: 24 May 2023 18:49

Tgt Ion:330 Resp: 1239412
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 35.4 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 89.986 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

Instrument :

BNA_M

ClientSampleId :

A653

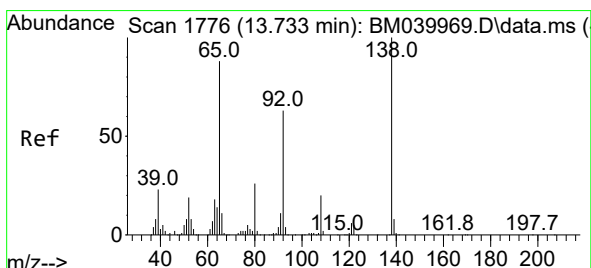
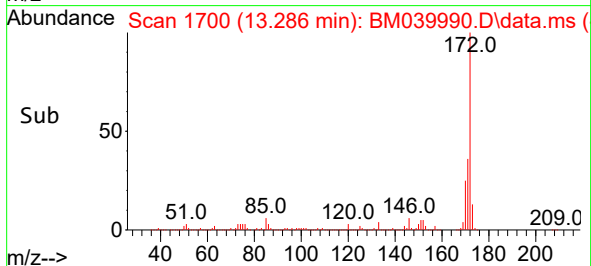
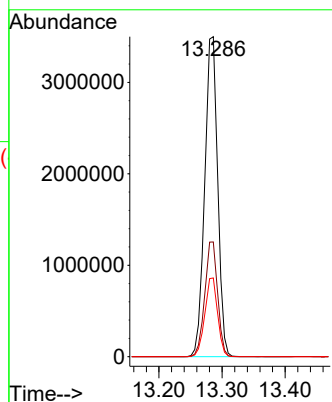
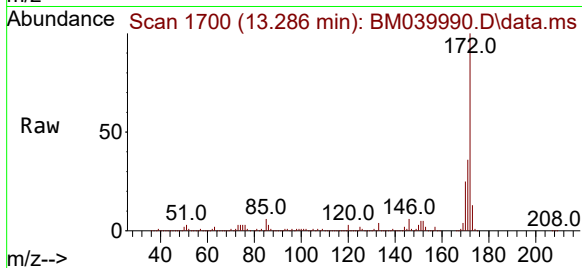
Tgt Ion:172 Resp: 4983953

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.6 19.6 29.4



#48

2-Nitroaniline

Concen: 2.567 ng

RT: 13.739 min Scan# 1777

Delta R.T. 0.006 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

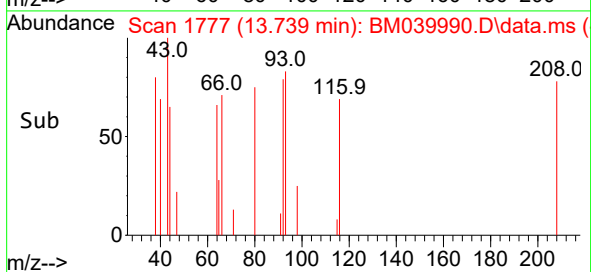
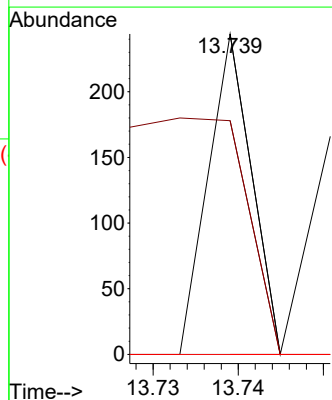
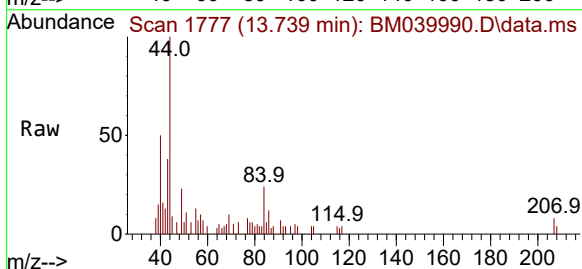
Tgt Ion: 65 Resp: 86

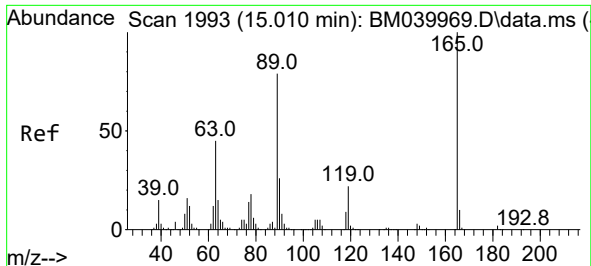
Ion Ratio Lower Upper

65 100

92 73.0 57.0 85.6

138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.759 ng

RT: 15.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BM039990.D

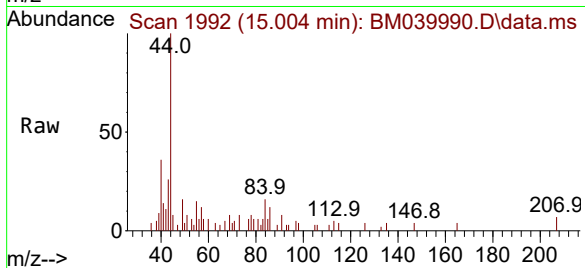
Acq: 24 May 2023 18:49

Instrument :

BNA_M

ClientSampleId :

A653



Tgt Ion:165 Resp: 156

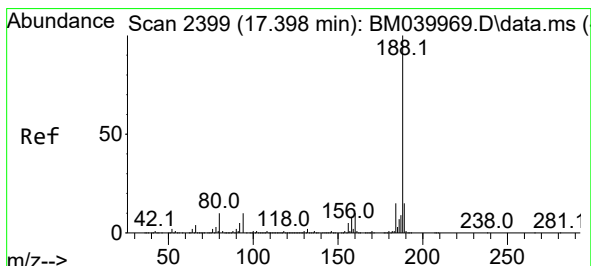
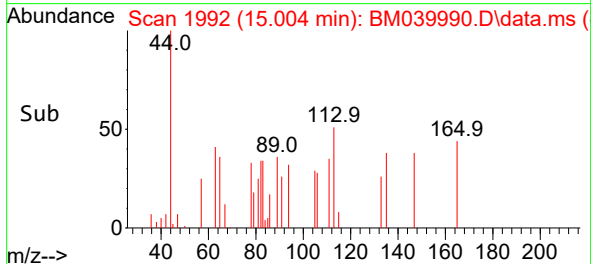
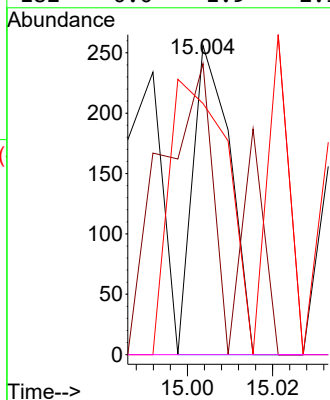
Ion Ratio Lower Upper

165 100

63 94.1 36.2 54.2#

89 81.3 63.4 95.0

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.398 min Scan# 2399

Delta R.T. -0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

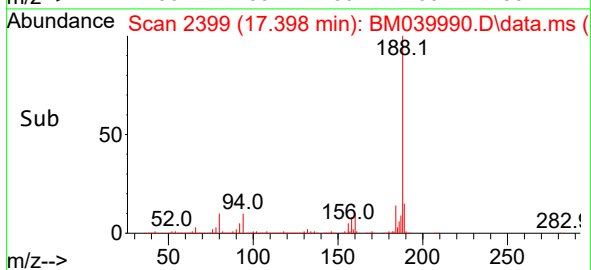
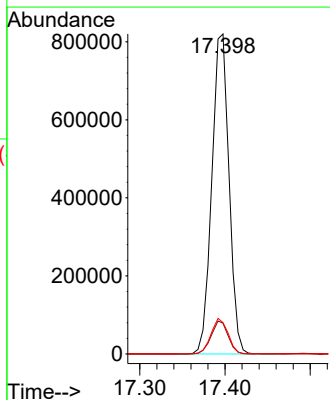
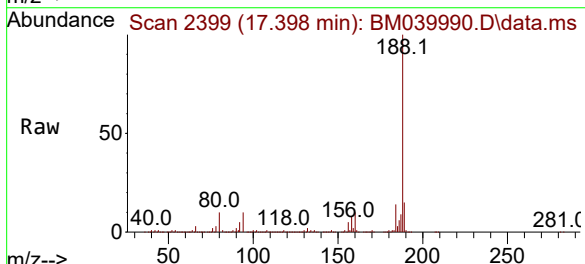
Tgt Ion:188 Resp: 1146808

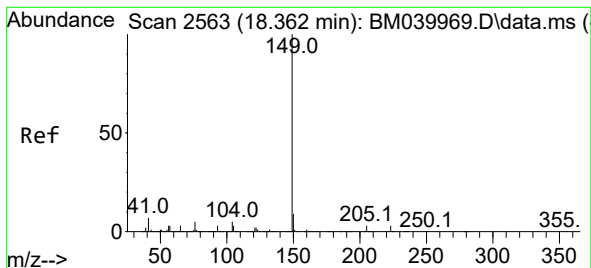
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.8

80 9.8 8.2 12.4





#74

Di-n-butylphthalate

Concen: 4.006 ng

RT: 18.362 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

Instrument :

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A653

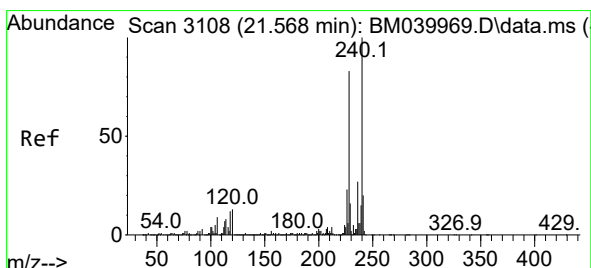
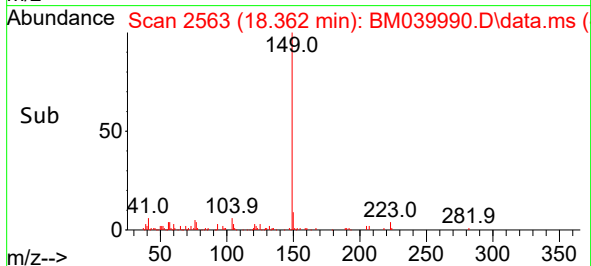
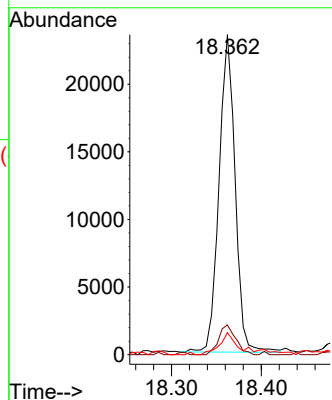
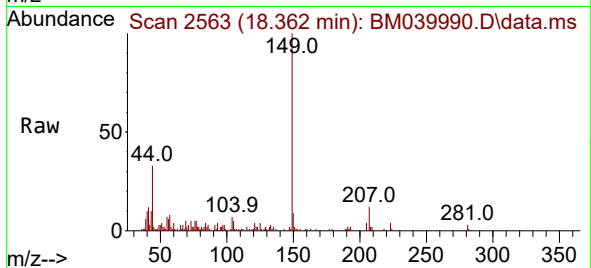
Tgt Ion:149 Resp: 29263

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 6.9 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

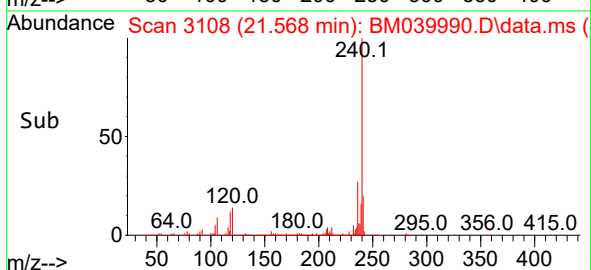
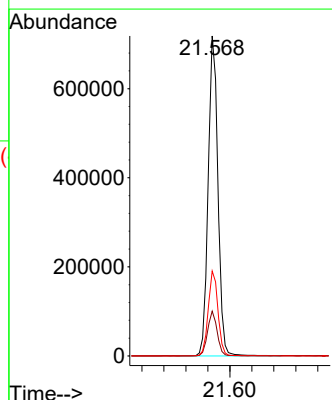
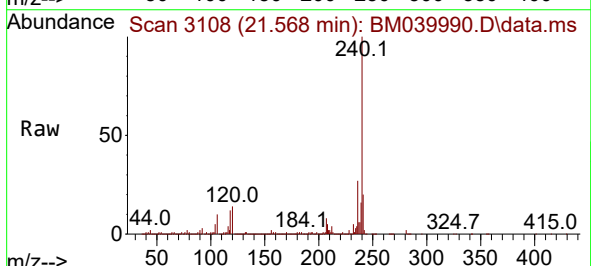
Tgt Ion:240 Resp: 879756

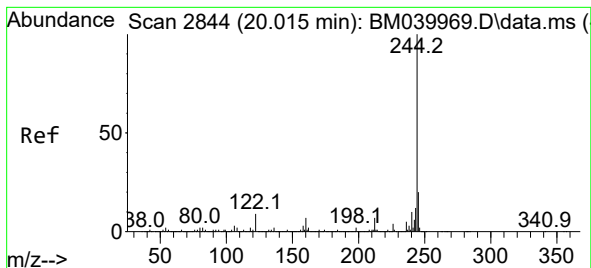
Ion Ratio Lower Upper

240 100

120 14.0 10.1 15.1

236 26.6 21.3 31.9





#79

Terphenyl-d14

Concen: 117.854 ng

RT: 20.015 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

Instrument :

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ClientSampleId :

A653

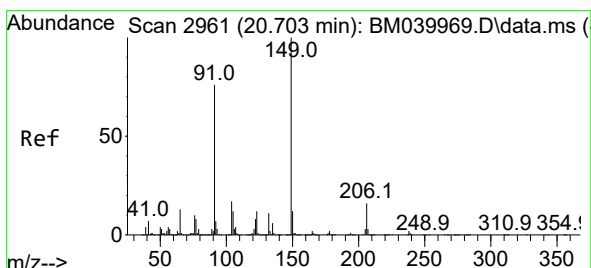
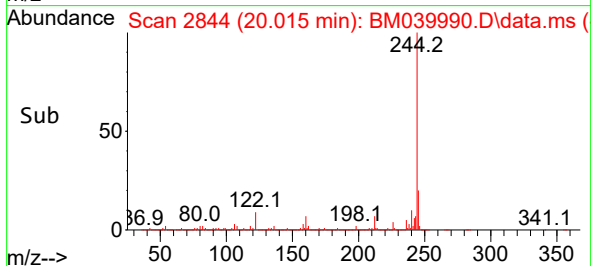
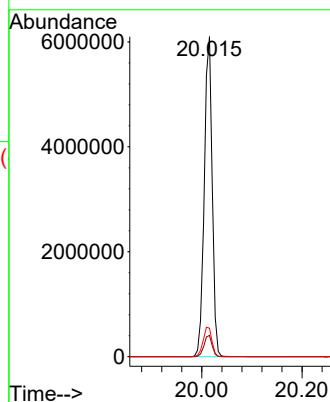
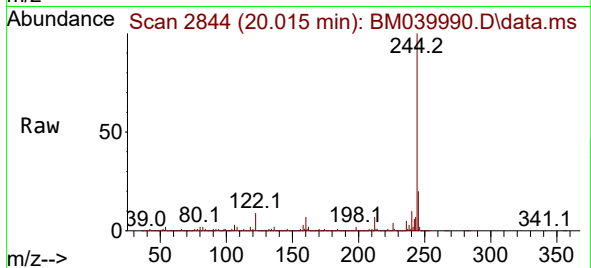
Tgt Ion:244 Resp: 6677557

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.9 7.1 10.7



#80

Butylbenzylphthalate

Concen: 4.876 ng

RT: 20.703 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM039990.D

Acq: 24 May 2023 18:49

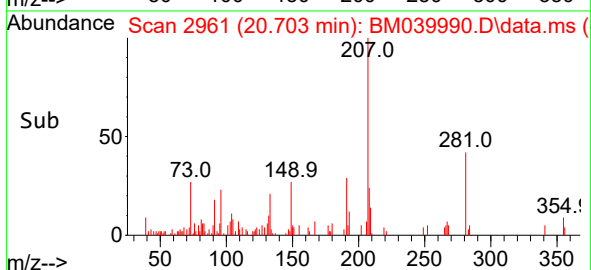
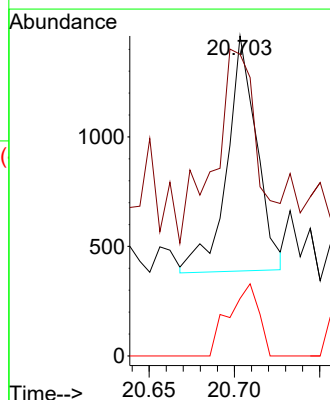
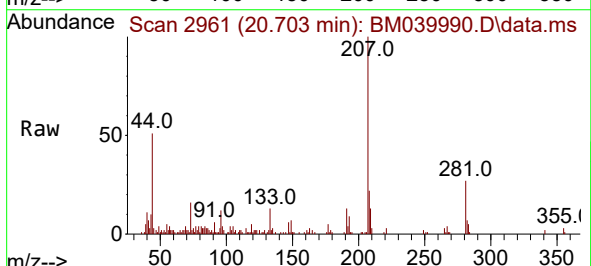
Tgt Ion:149 Resp: 1304

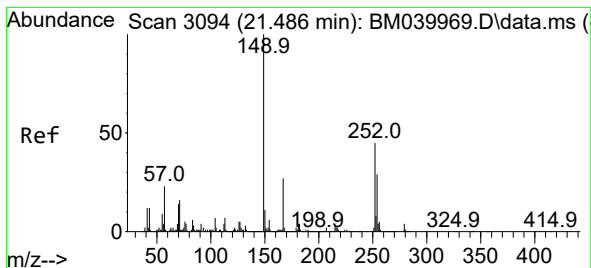
Ion Ratio Lower Upper

149 100

91 94.3 61.0 91.4#

206 17.9 12.7 19.1

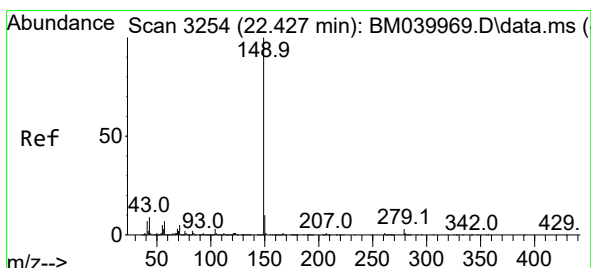
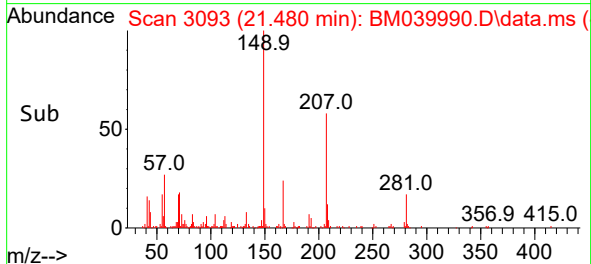
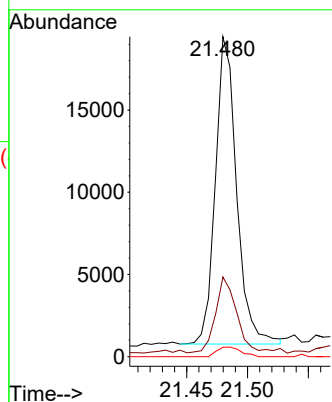
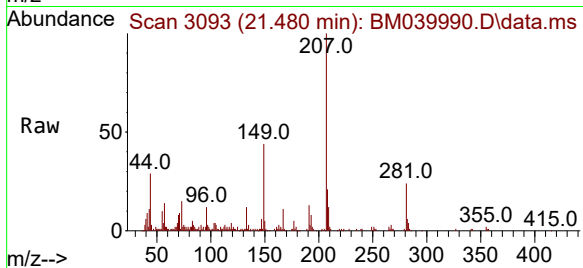




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.100 ng
 RT: 21.480 min Scan# 3093
 Delta R.T. -0.006 min
 Lab File: BM039990.D
 Acq: 24 May 2023 18:49

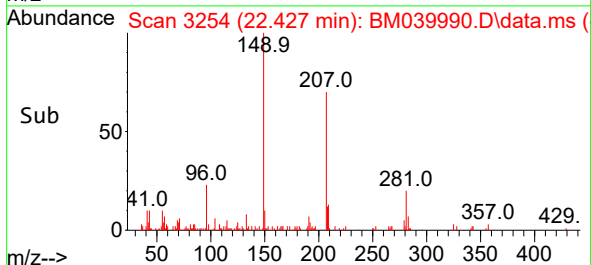
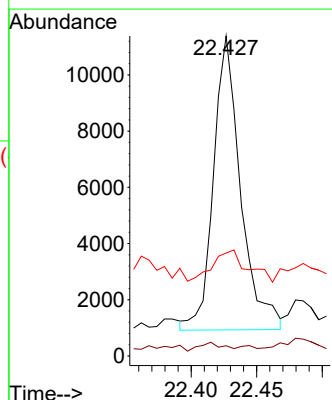
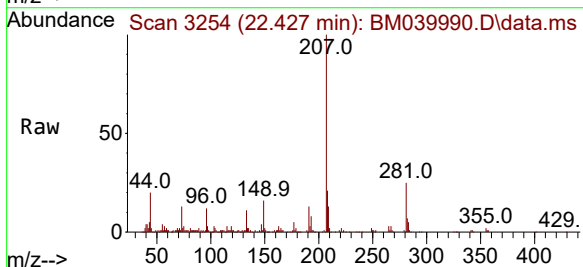
Instrument :
 BNA_M
 ClientSampleId :
 A653

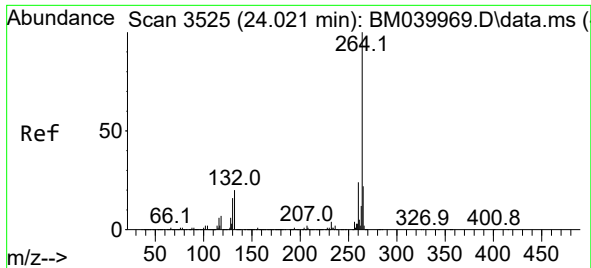
Tgt Ion:149 Resp: 22769
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.2
 279 2.9 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 6.813 ng
 RT: 22.427 min Scan# 3254
 Delta R.T. -0.000 min
 Lab File: BM039990.D
 Acq: 24 May 2023 18:49

Tgt Ion:149 Resp: 15047
 Ion Ratio Lower Upper
 149 100
 167 2.6 1.1 1.7#
 43 13.8 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.021 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039990.D
Acq: 24 May 2023 18:49

Instrument :
BNA_M
ClientSampleId :
A653

Tgt Ion:264 Resp: 974736
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 17.7 26.5

