

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039989.D
 Acq On : 24 May 2023 18:12
 Operator : CG/JU
 Sample : 02812-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FIELD-BLANK

Quant Time: May 25 04:29:33 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)

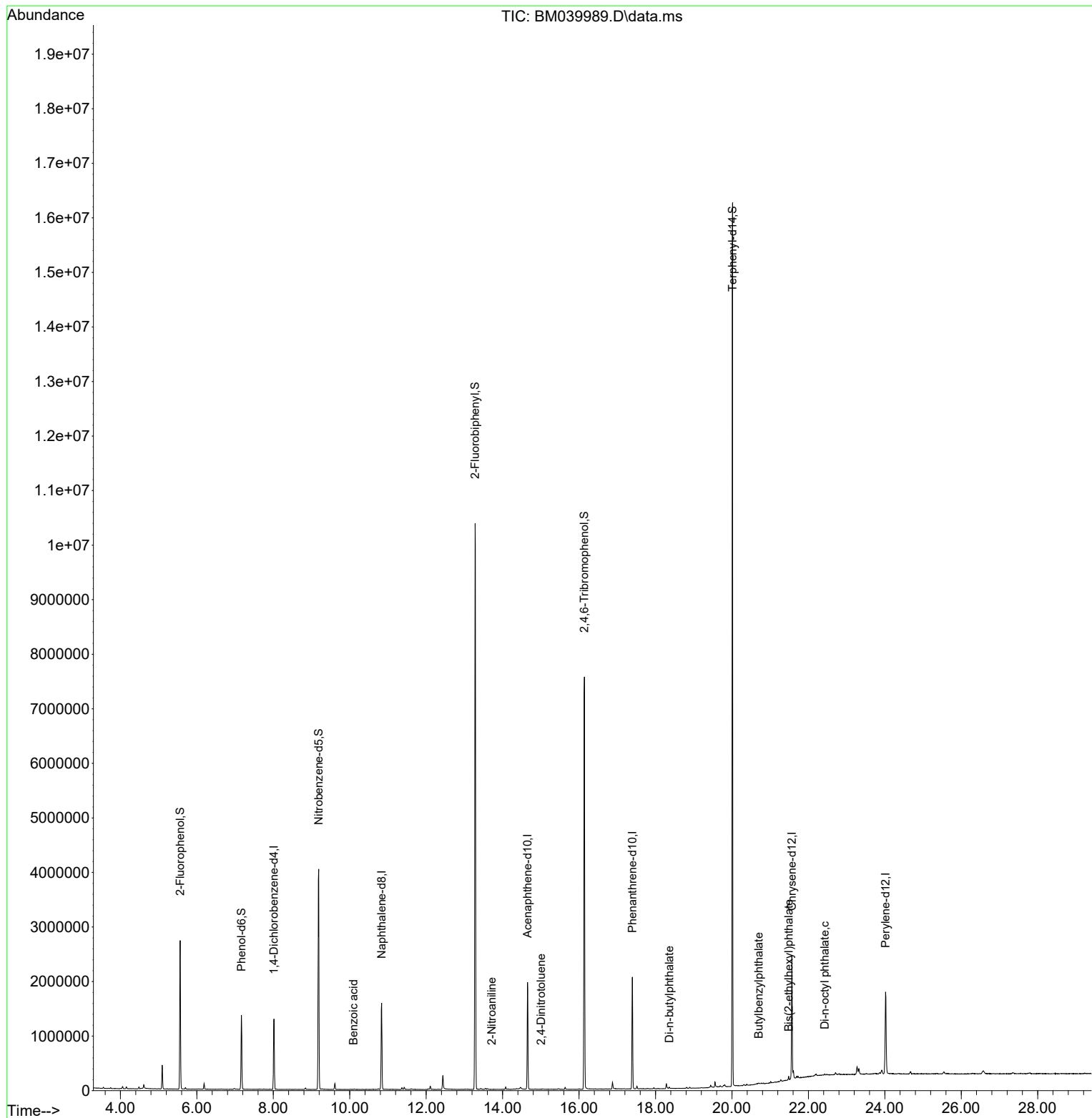
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	341480	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1318554	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	646307	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1168783	20.000	ng	0.00
76) Chrysene-d12	21.568	240	941064	20.000	ng	0.00
86) Perylene-d12	24.021	264	1049377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1195230	53.690	ng	0.00
7) Phenol-d6	7.169	99	806964	27.788	ng	0.00
23) Nitrobenzene-d5	9.186	82	2276640	93.168	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	1406584	167.679	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	5221429	95.289	ng	0.00
79) Terphenyl-d14	20.015	244	7358710	121.414	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.098	122	60	7.806	ng	# 15
48) 2-Nitroaniline	13.716	65	556	2.607	ng	# 2
57) 2,4-Dinitrotoluene	15.004	165	511	3.783	ng	# 67
74) Di-n-butylphthalate	18.362	149	16343	3.850	ng	# 98
80) Butylbenzylphthalate	20.703	149	1504	4.880	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.486	149	25257	4.118	ng	# 99
85) Di-n-octyl phthalate	22.427	149	19593	6.856	ng	# 84

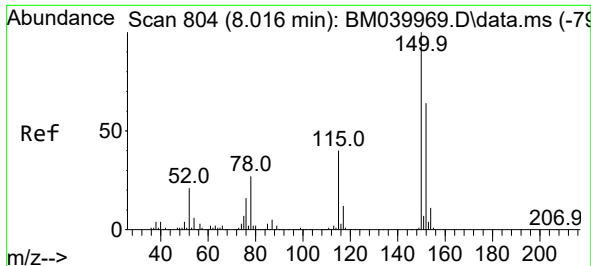
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039989.D
Acq On : 24 May 2023 18:12
Operator : CG/JU
Sample : 02812-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK

Quant Time: May 25 04:29:33 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

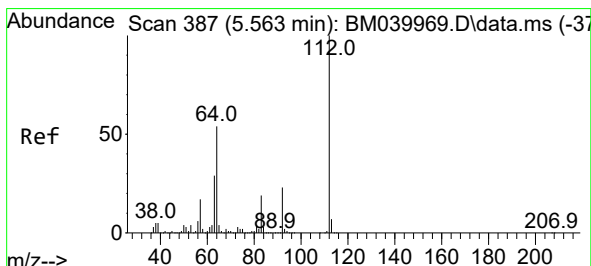
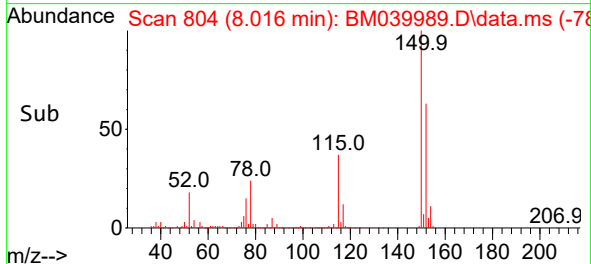
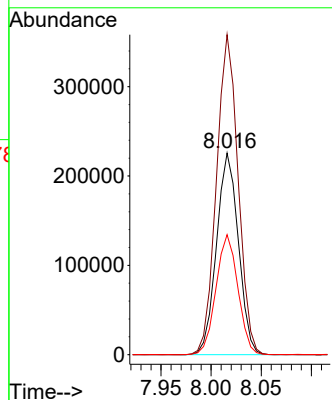
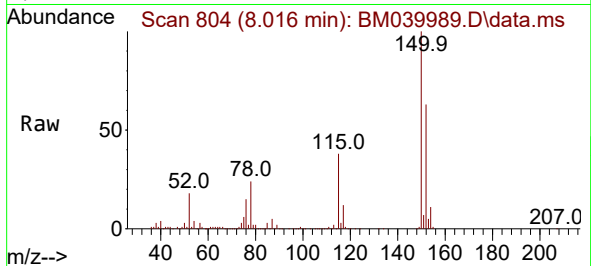




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

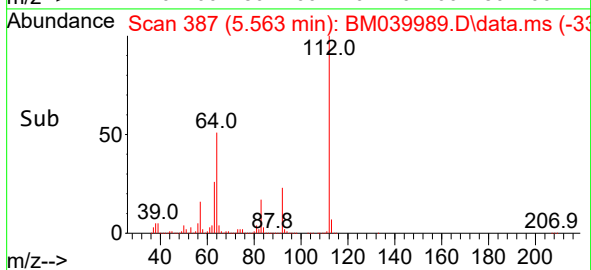
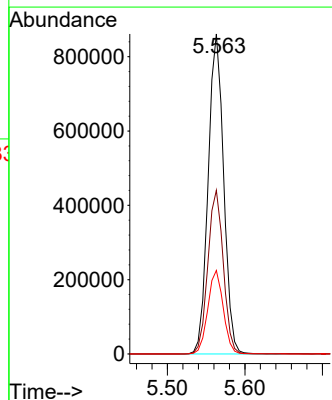
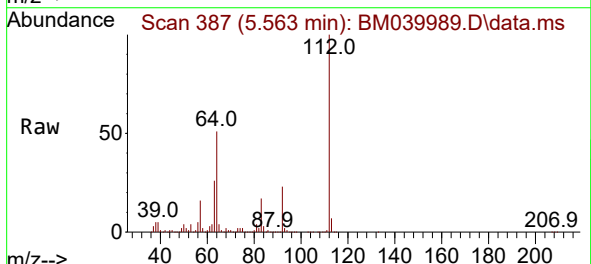
Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK

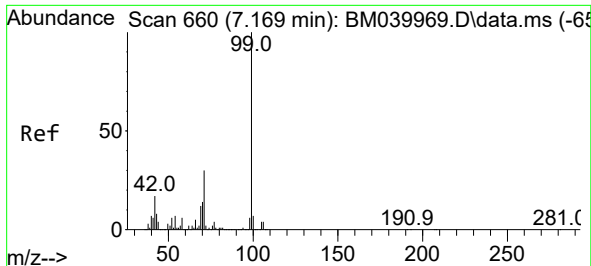
Tgt Ion:152 Resp: 341480
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 53.690 ng
RT: 5.563 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Tgt Ion:112 Resp: 1195230
Ion Ratio Lower Upper
112 100
64 51.2 43.0 64.4
63 26.1 22.9 34.3

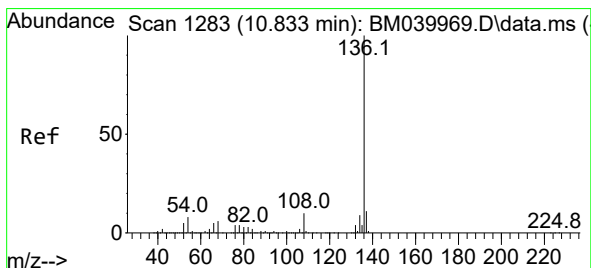
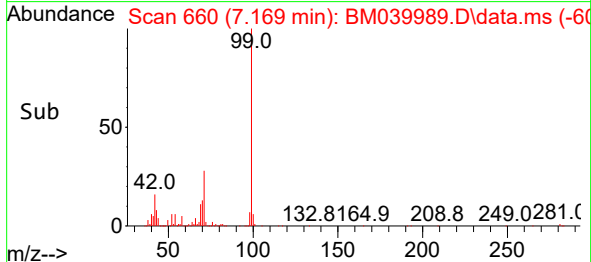
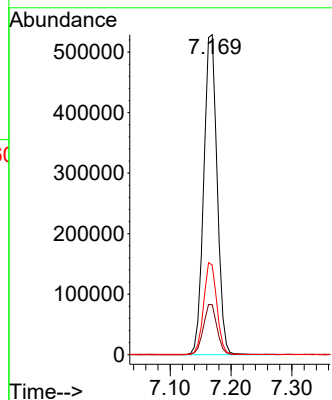
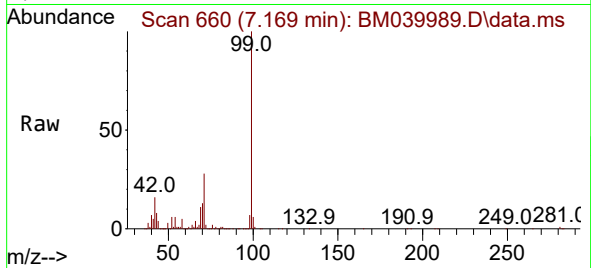




#7
Phenol-d6
Concen: 27.788 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

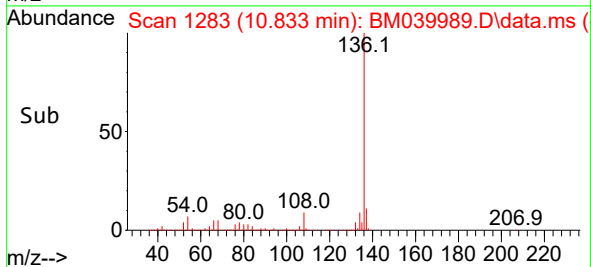
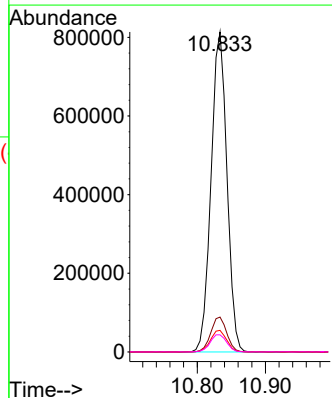
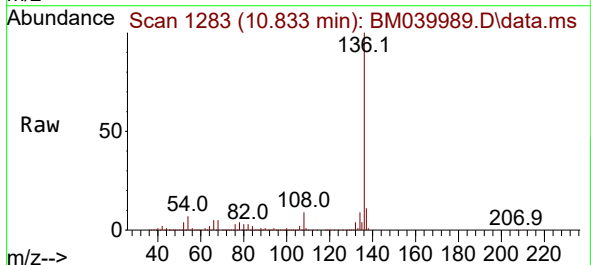
Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK

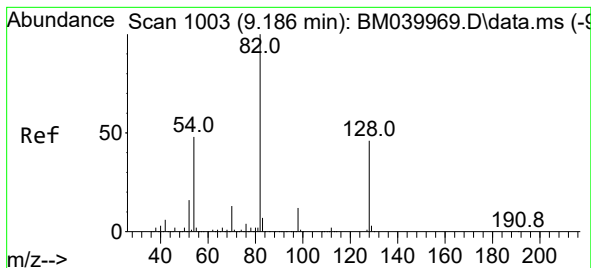
Tgt Ion: 99 Resp: 806964
Ion Ratio Lower Upper
99 100
42 15.7 13.8 20.6
71 28.1 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Tgt Ion: 136 Resp: 1318554
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 6.1 9.1
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.168 ng

RT: 9.186 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

FIELD-BLANK

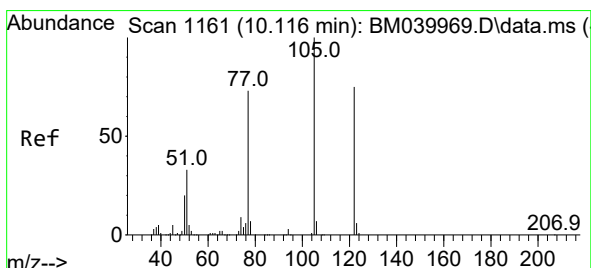
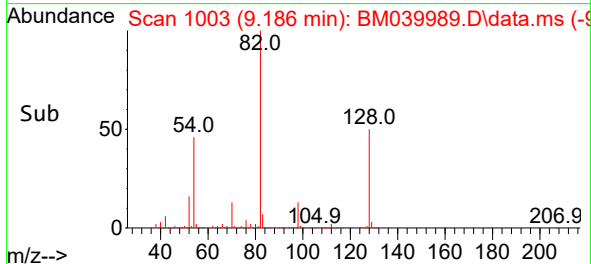
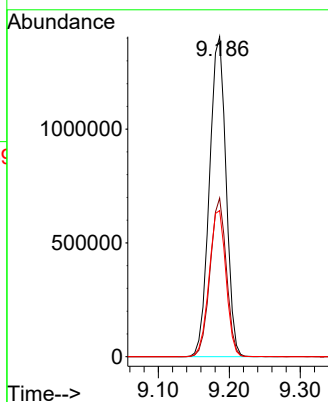
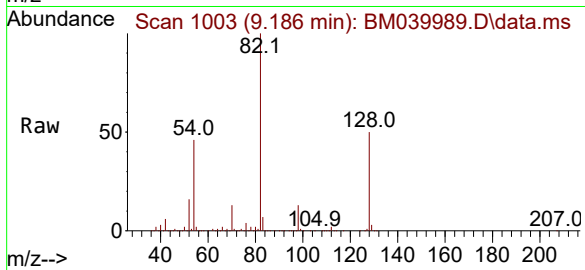
Tgt Ion: 82 Resp: 2276640

Ion Ratio Lower Upper

82 100

128 49.5 36.5 54.7

54 45.7 38.3 57.5



#32

Benzoic acid

Concen: 7.806 ng

RT: 10.098 min Scan# 1158

Delta R.T. -0.018 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

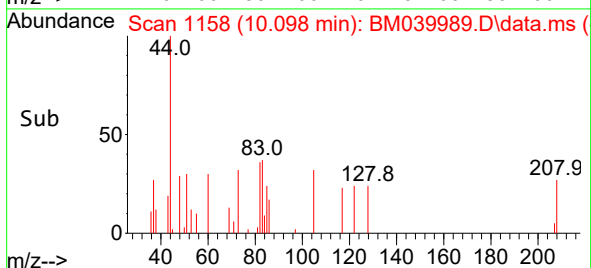
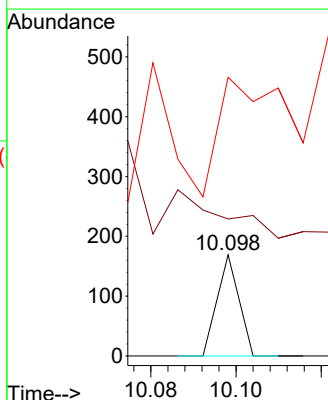
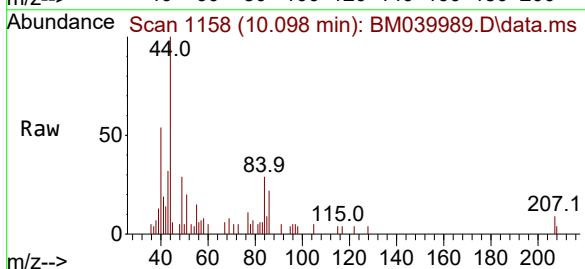
Tgt Ion:122 Resp: 60

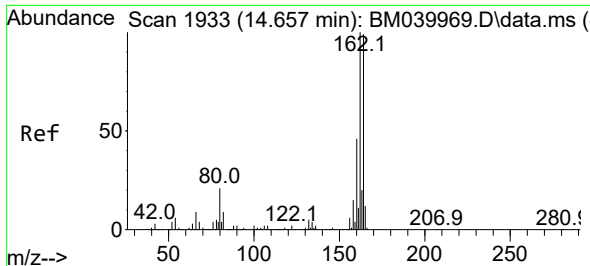
Ion Ratio Lower Upper

122 100

105 135.5 106.0 146.0

77 275.7 74.7 114.7#

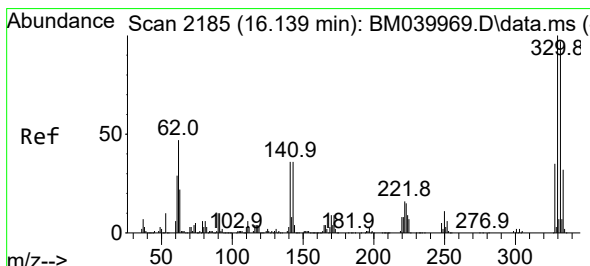
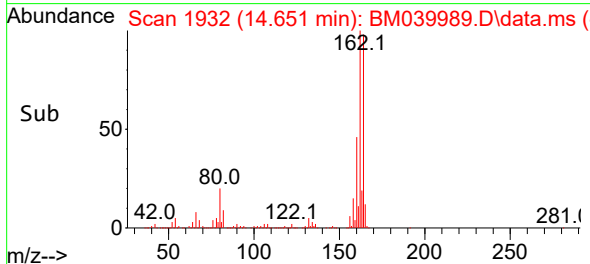
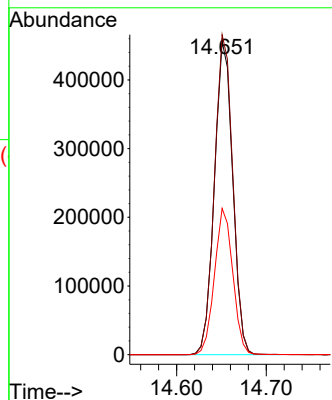
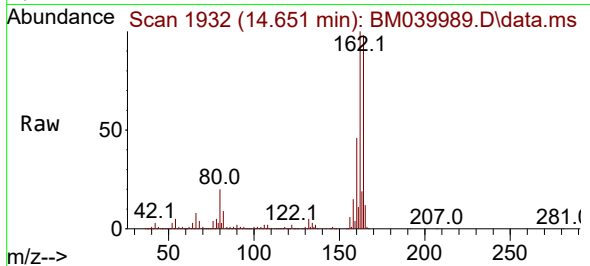




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

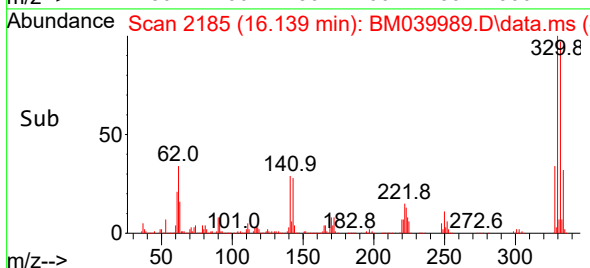
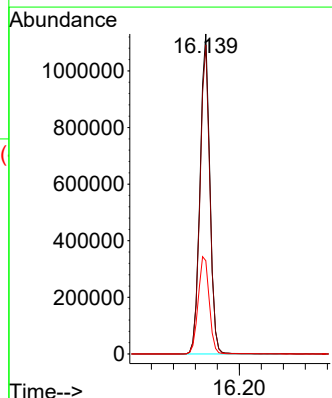
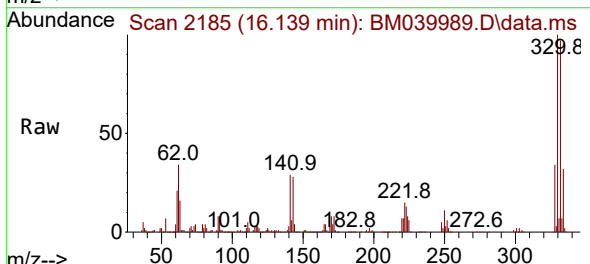
Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK

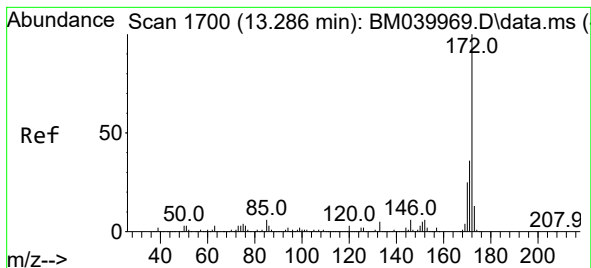
Tgt Ion:164 Resp: 646307
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 46.7 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 167.679 ng
RT: 16.139 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Tgt Ion:330 Resp: 1406584
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 34.1 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 95.289 ng

RT: 13.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

FIELD-BLANK

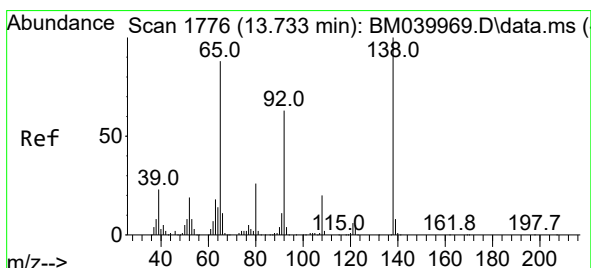
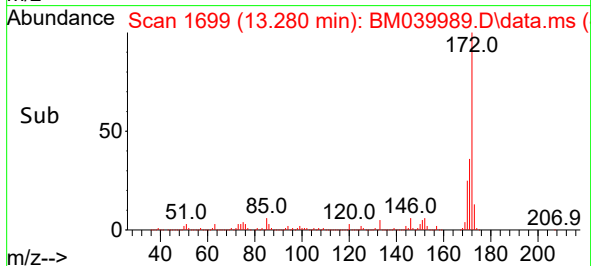
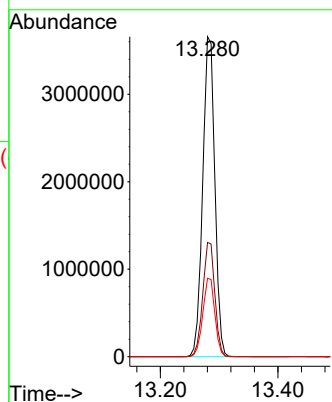
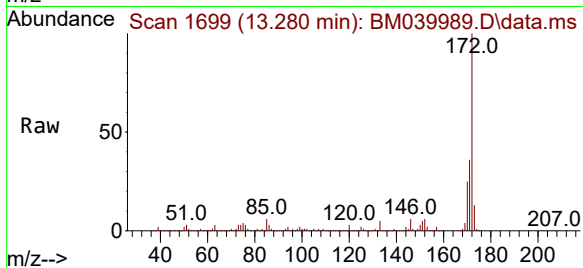
Tgt Ion:172 Resp: 5221429

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.5 19.6 29.4



#48

2-Nitroaniline

Concen: 2.607 ng

RT: 13.716 min Scan# 1773

Delta R.T. -0.017 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

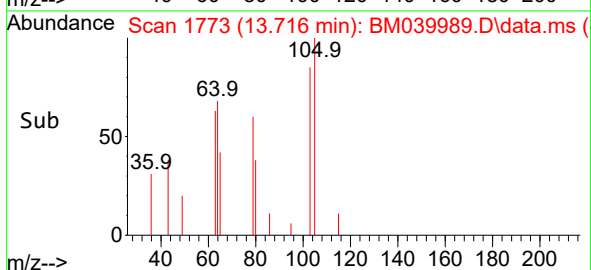
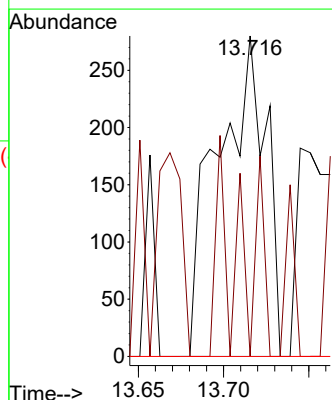
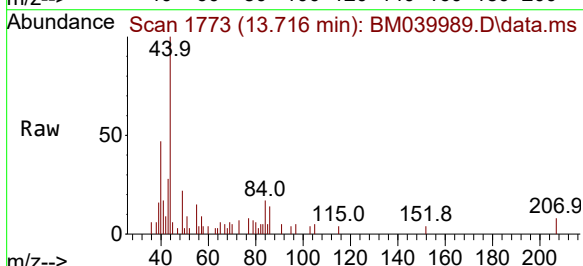
Tgt Ion: 65 Resp: 556

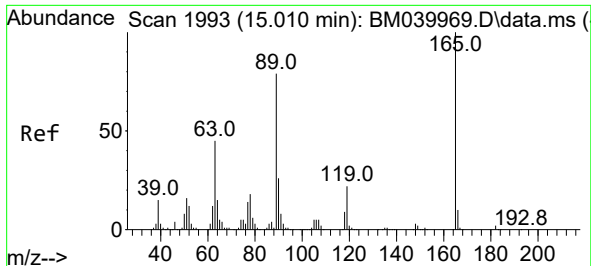
Ion Ratio Lower Upper

65 100

92 0.0 57.0 85.6#

138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.783 ng

RT: 15.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BM039989.D

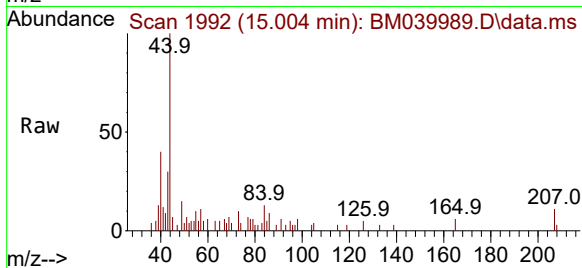
Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

FIELD-BLANK



Tgt Ion:165 Resp: 511

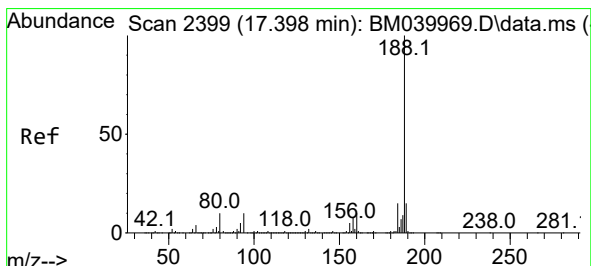
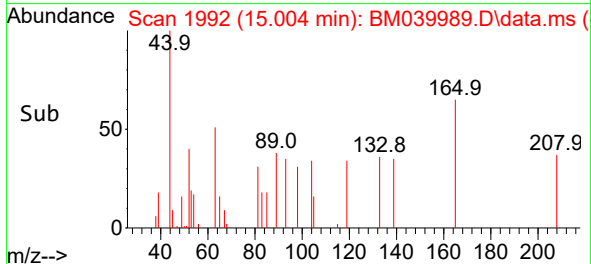
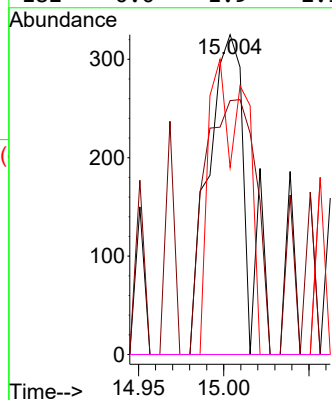
Ion Ratio Lower Upper

165 100

63 79.4 36.2 54.2#

89 58.5 63.4 95.0#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

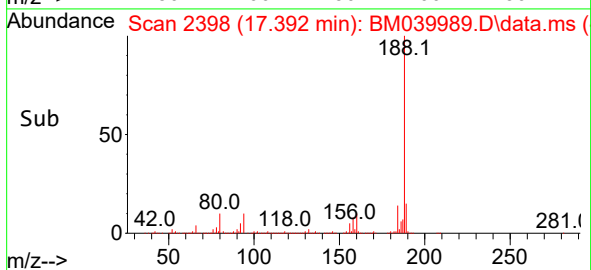
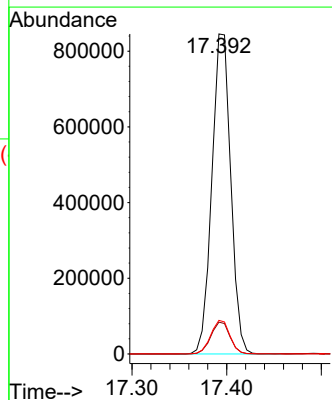
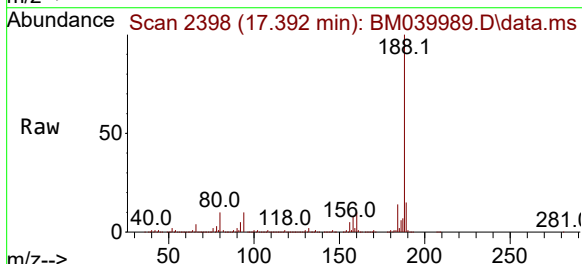
Tgt Ion:188 Resp: 1168783

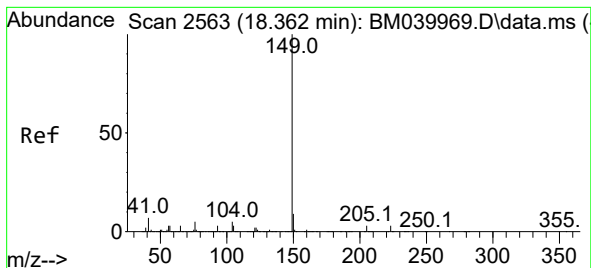
Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.8

80 10.5 8.2 12.4





#74

Di-n-butylphthalate

Concen: 3.850 ng

RT: 18.362 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039989.D

Acq: 24 May 2023 18:12

Instrument :

BNA_M

ClientSampleId :

FIELD-BLANK

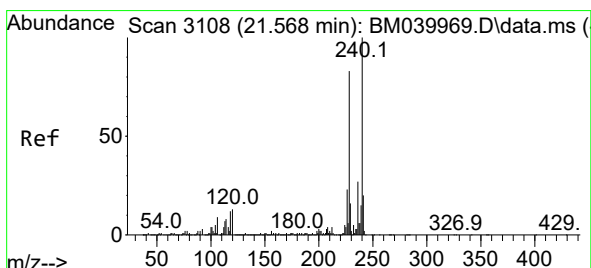
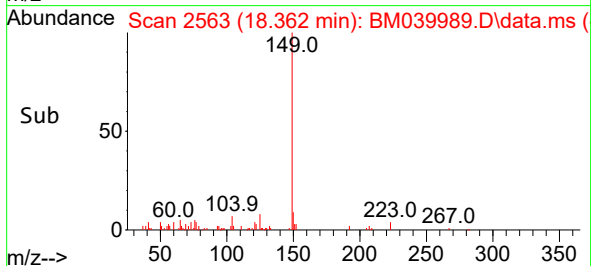
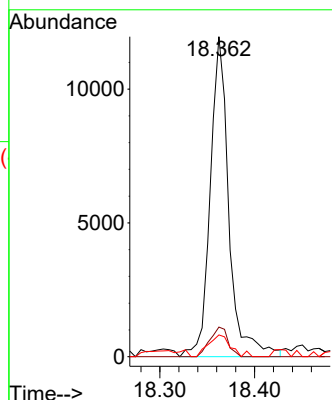
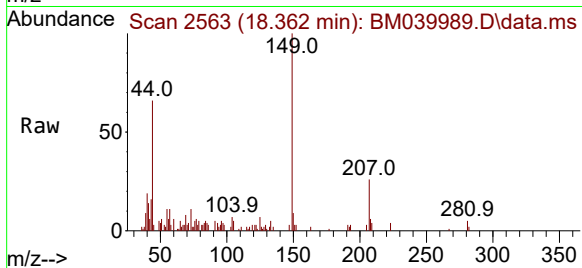
Tgt Ion:149 Resp: 16343

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 6.8 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: BM039989.D

Acq: 24 May 2023 18:12

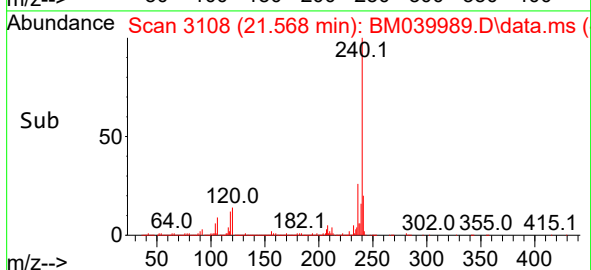
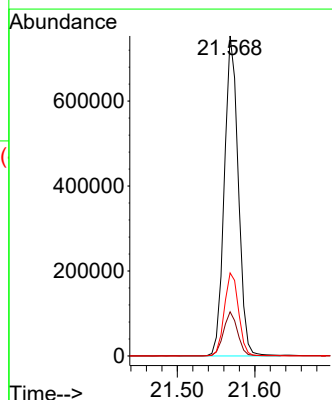
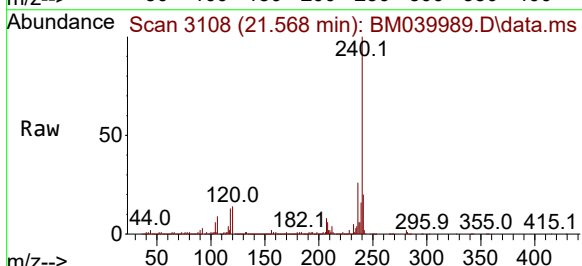
Tgt Ion:240 Resp: 941064

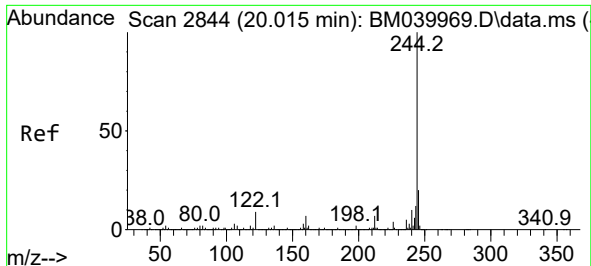
Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

236 25.9 21.3 31.9

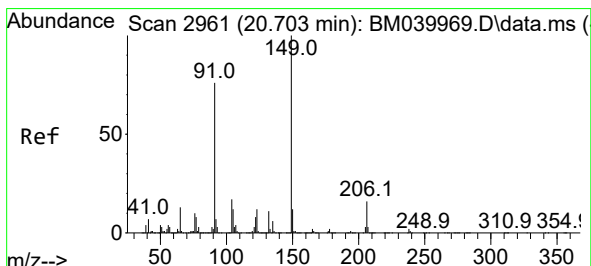
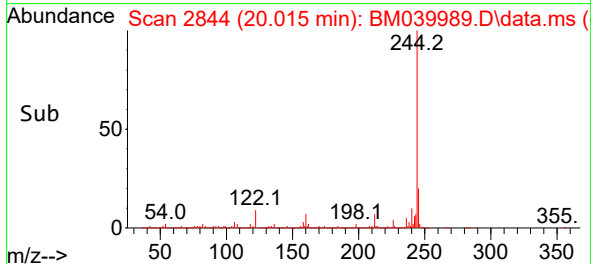
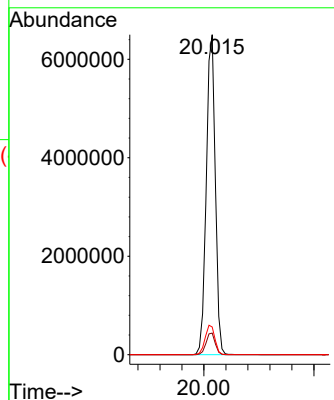
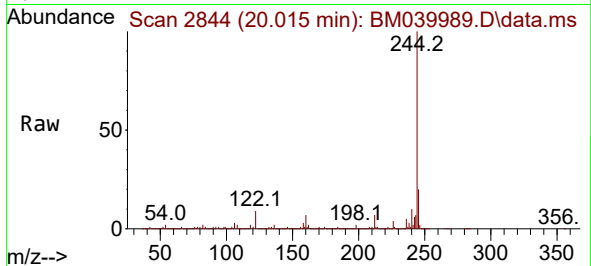




#79
 Terphenyl-d14
 Concen: 121.414 ng
 RT: 20.015 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BM039989.D
 Acq: 24 May 2023 18:12

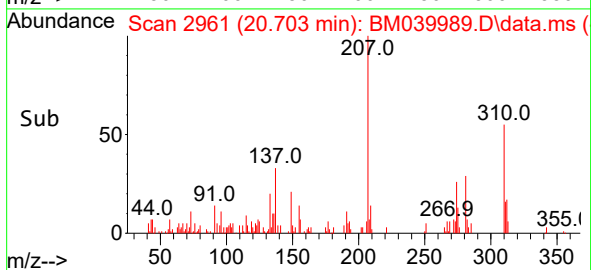
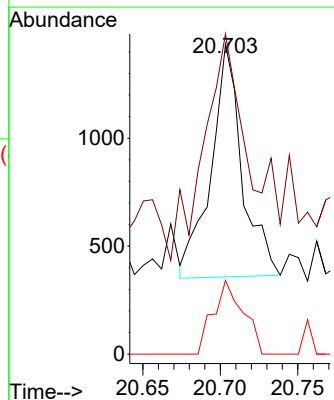
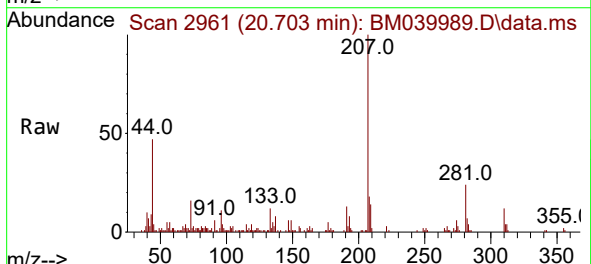
Instrument :
 BNA_M
 ClientSampleId :
 FIELD-BLANK

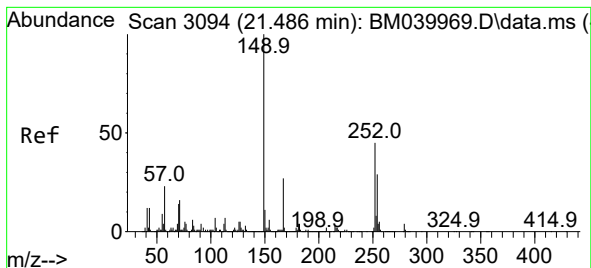
Tgt Ion:244 Resp: 7358710
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.7 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 4.880 ng
 RT: 20.703 min Scan# 2961
 Delta R.T. 0.000 min
 Lab File: BM039989.D
 Acq: 24 May 2023 18:12

Tgt Ion:149 Resp: 1504
 Ion Ratio Lower Upper
 149 100
 91 103.3 61.0 91.4#
 206 23.7 12.7 19.1#

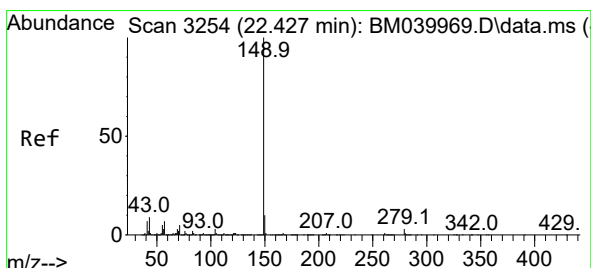
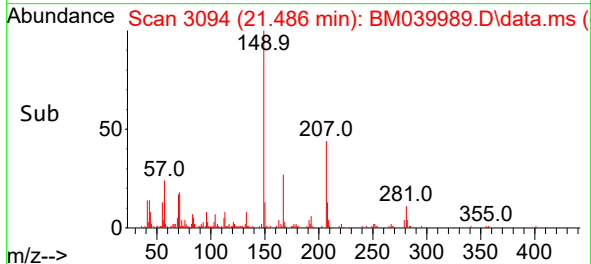
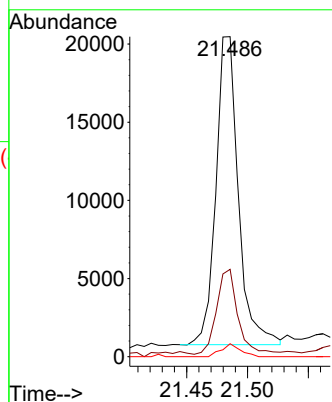
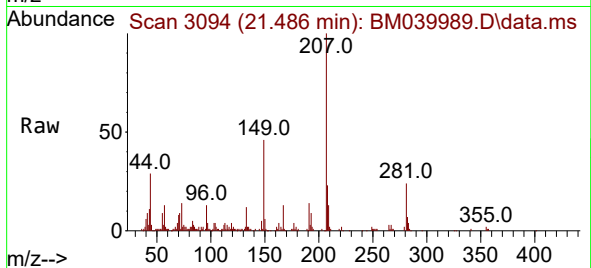




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.118 ng
RT: 21.486 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

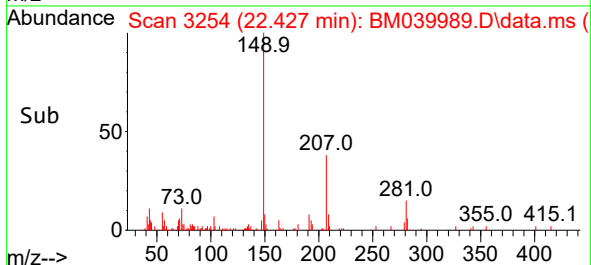
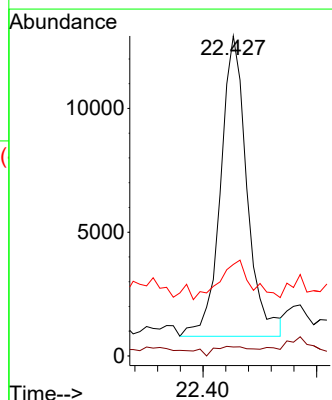
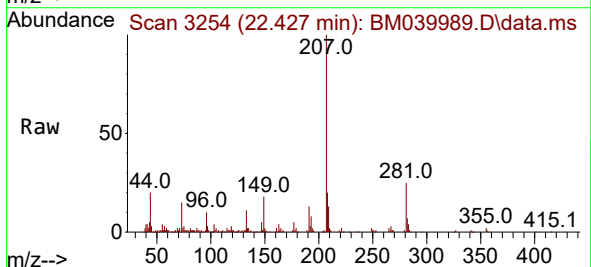
Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK

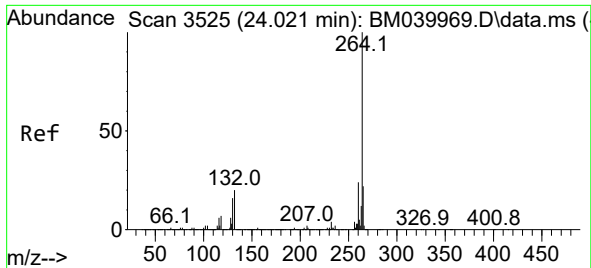
Tgt Ion:149 Resp: 25257
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.0 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 6.856 ng
RT: 22.427 min Scan# 3254
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

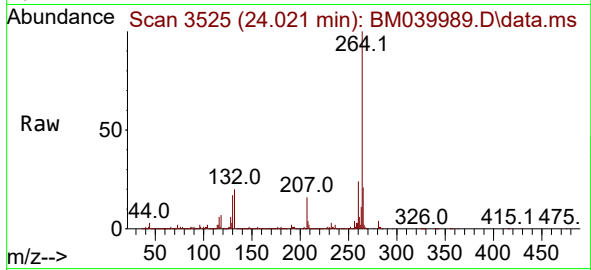
Tgt Ion:149 Resp: 19593
Ion Ratio Lower Upper
149 100
167 4.7 1.1 1.7#
43 15.5 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.021 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039989.D
Acq: 24 May 2023 18:12

Instrument :
BNA_M
ClientSampleId :
FIELD-BLANK



Tgt Ion:264 Resp: 1049377

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.7	26.5

