

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039992.D
 Acq On : 24 May 2023 20:02
 Operator : CG/JU
 Sample : 02868-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP12

Quant Time: May 25 04:30:17 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)

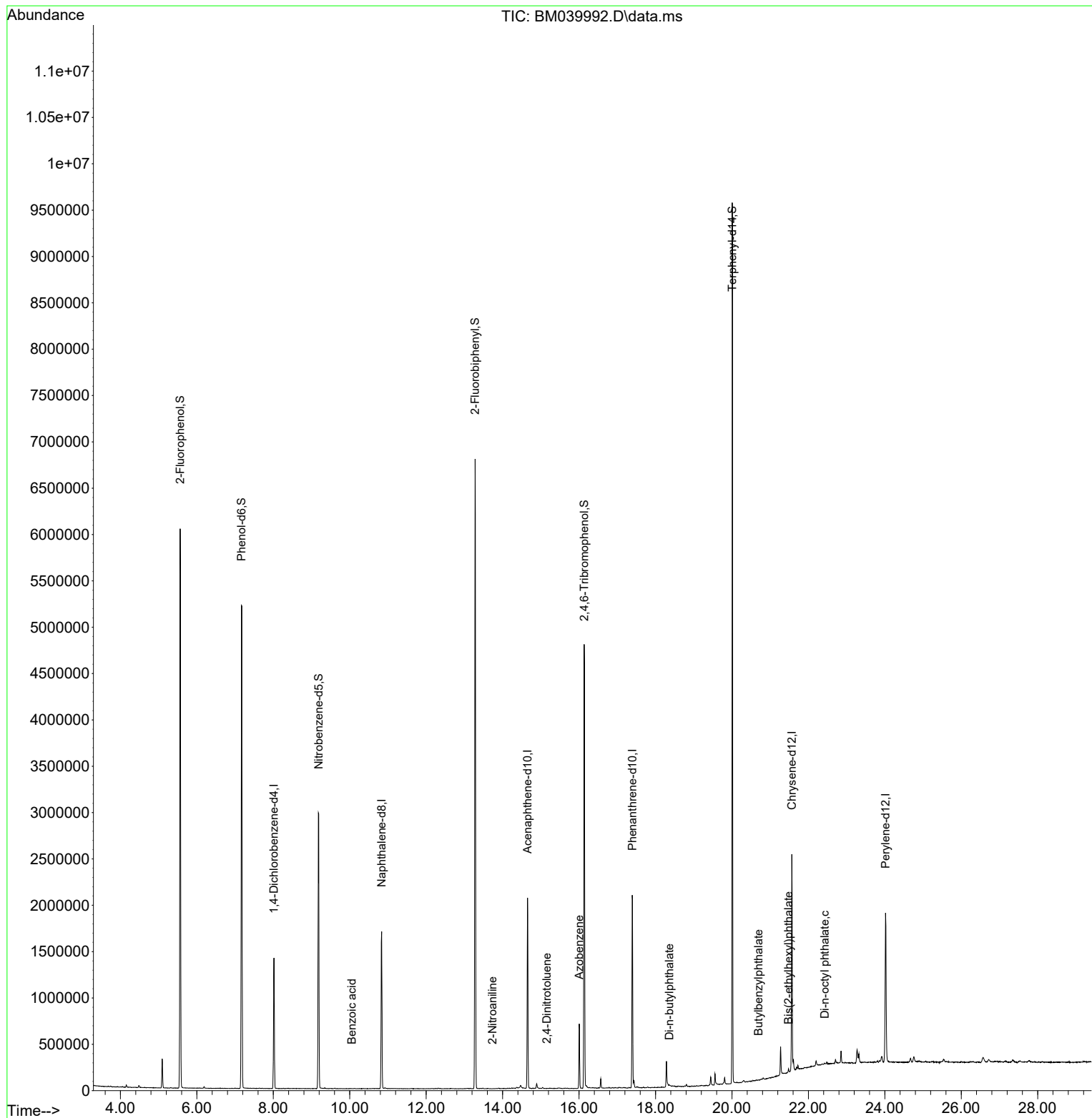
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	374028	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1411989	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	665024	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1159041	20.000	ng	0.00
76) Chrysene-d12	21.568	240	943074	20.000	ng	0.00
86) Perylene-d12	24.021	264	1090534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2654046	108.846	ng	0.00
7) Phenol-d6	7.169	99	3145716	98.898	ng	0.00
23) Nitrobenzene-d5	9.186	82	1686414	64.447	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	838802	97.179	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	3329313	59.049	ng	0.00
79) Terphenyl-d14	20.009	244	3998129	65.826	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.051	122	173	7.813	ng	# 28
48) 2-Nitroaniline	13.733	65	115	2.570	ng	# 2
57) 2,4-Dinitrotoluene	15.157	165	72	3.753	ng	# 21
63) Azobenzene	16.004	77	186870	3.783	ng	# 1
74) Di-n-butylphthalate	18.362	149	7666	3.751	ng	# 91
80) Butylbenzylphthalate	20.697	149	874	4.860	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.480	149	13473	3.877	ng	97
85) Di-n-octyl phthalate	22.427	149	9265	6.728	ng	# 98

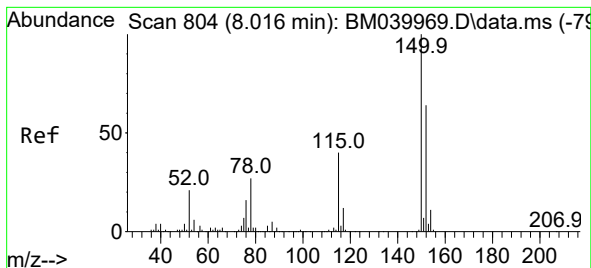
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
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QLast Update : Wed May 24 01:06:13 2023
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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: BM039992.D

Acq: 24 May 2023 20:02

Instrument :

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ClientSampleId :

TP12

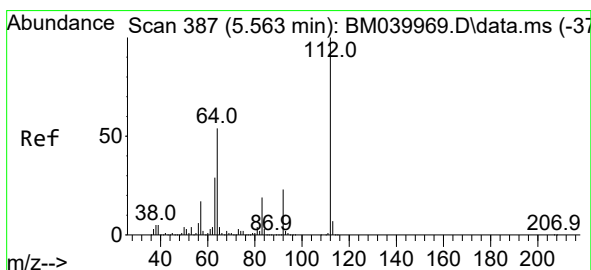
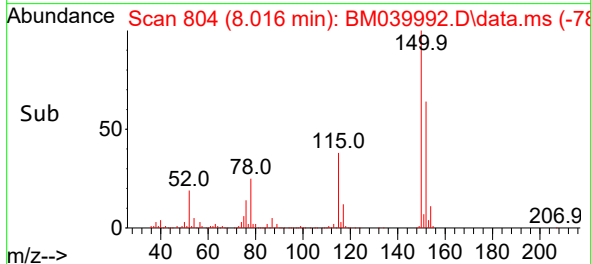
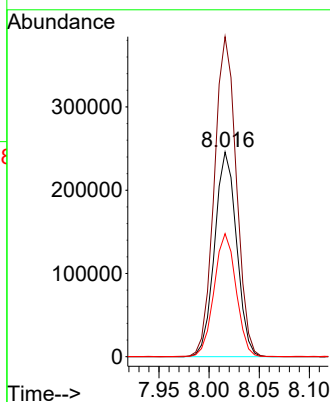
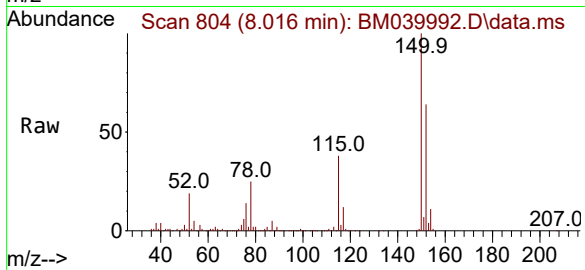
Tgt Ion:152 Resp: 374028

Ion Ratio Lower Upper

152 100

150 156.4 125.5 188.3

115 60.1 50.2 75.2



#5

2-Fluorophenol

Concen: 108.846 ng

RT: 5.563 min Scan# 387

Delta R.T. 0.000 min

Lab File: BM039992.D

Acq: 24 May 2023 20:02

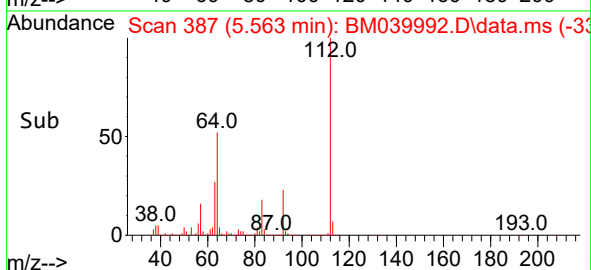
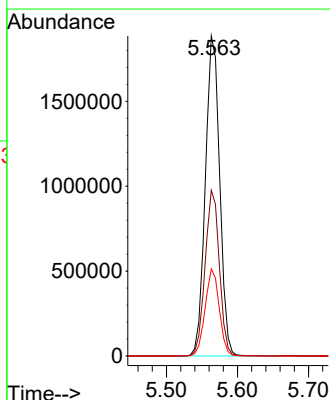
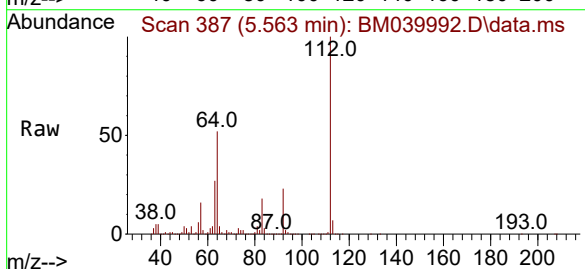
Tgt Ion:112 Resp: 2654046

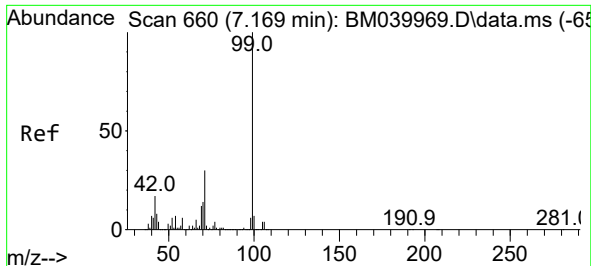
Ion Ratio Lower Upper

112 100

64 51.8 43.0 64.4

63 27.2 22.9 34.3

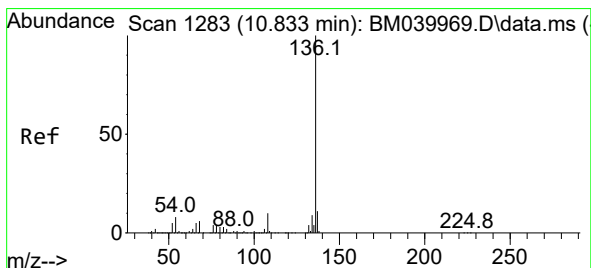
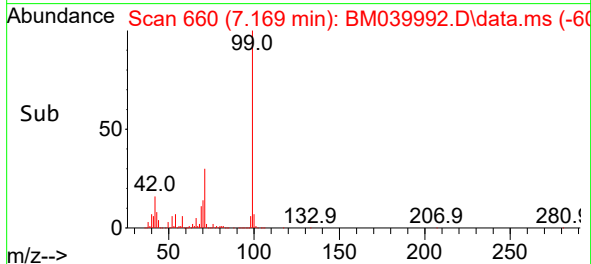
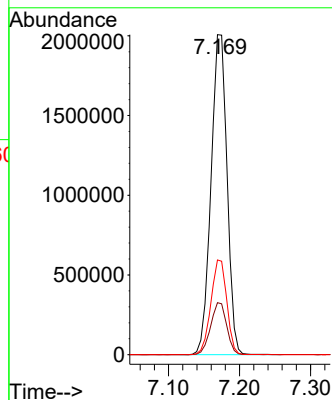
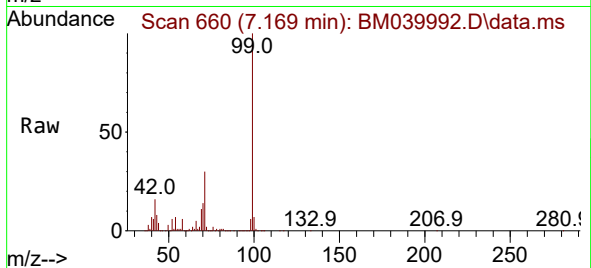




#7
Phenol-d6
Concen: 98.898 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

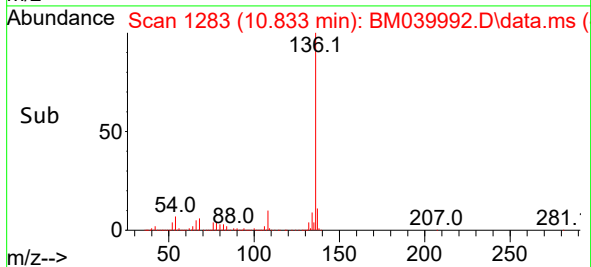
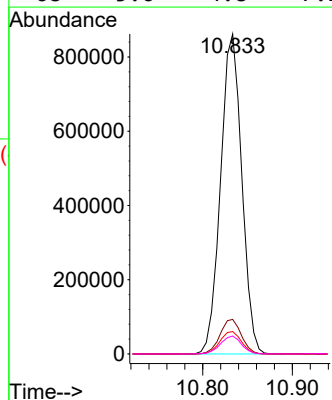
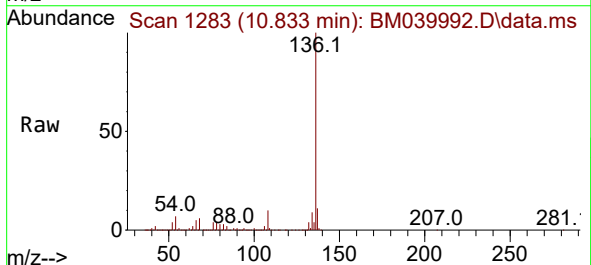
Instrument :
BNA_M
ClientSampleId :
TP12

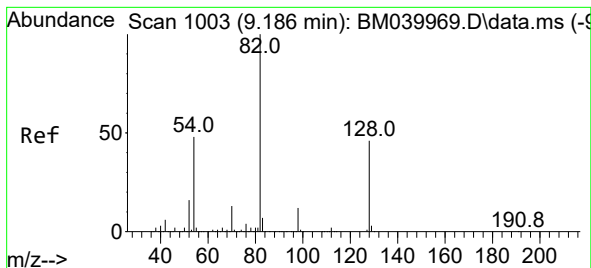
Tgt Ion: 99 Resp: 3145716
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 29.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

Tgt Ion: 136 Resp: 1411989
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.0 6.1 9.1
68 5.6 4.8 7.2

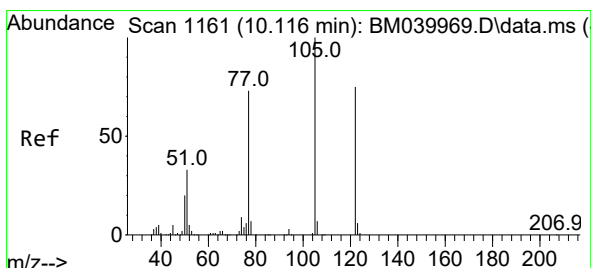
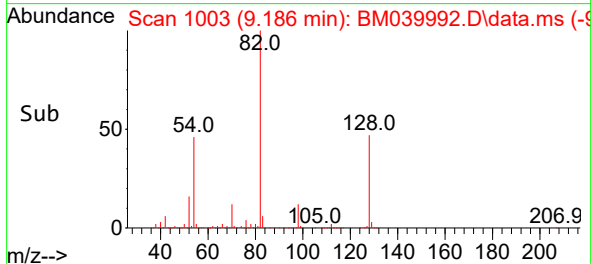
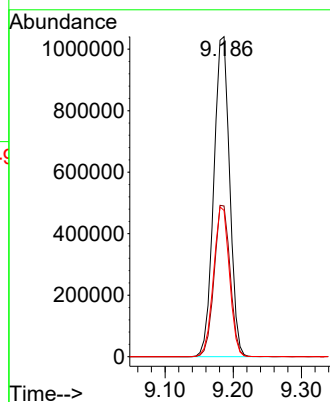
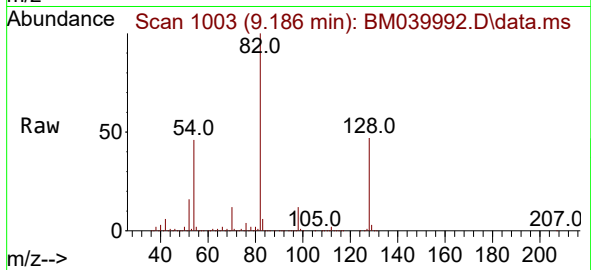




#23
Nitrobenzene-d5
Concen: 64.447 ng
RT: 9.186 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

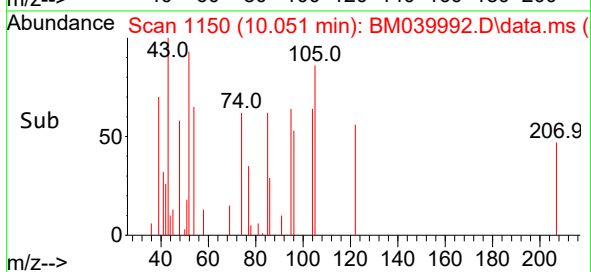
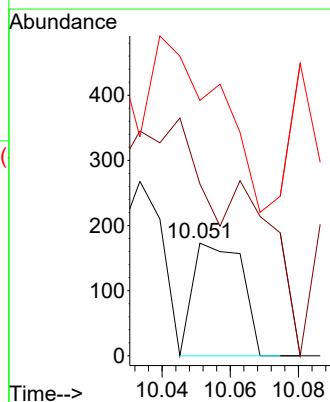
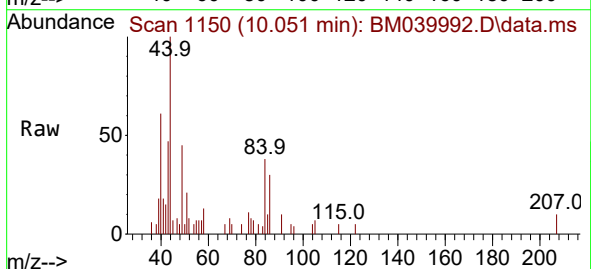
Instrument :
BNA_M
ClientSampleId :
TP12

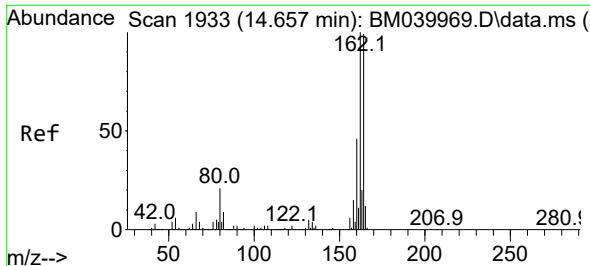
Tgt Ion: 82 Resp: 1686414
Ion Ratio Lower Upper
82 100
128 47.1 36.5 54.7
54 45.7 38.3 57.5



#32
Benzoic acid
Concen: 7.813 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.065 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

Tgt Ion:122 Resp: 173
Ion Ratio Lower Upper
122 100
105 152.6 106.0 146.0#
77 226.6 74.7 114.7#

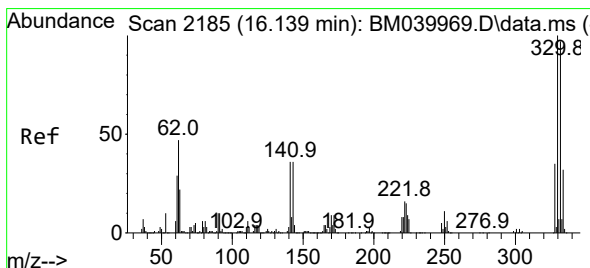
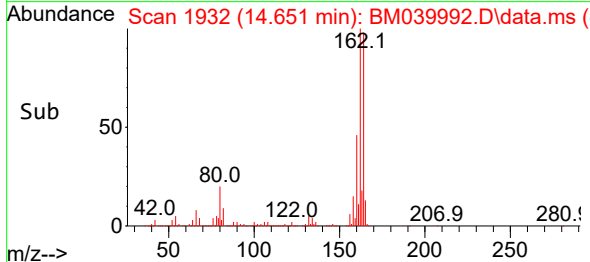
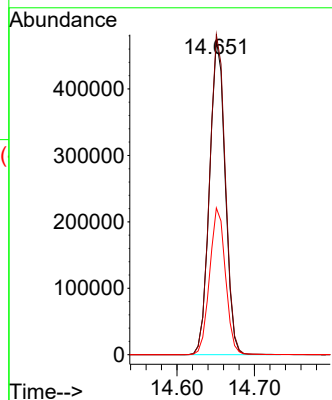
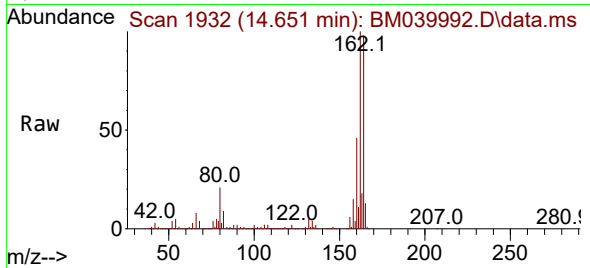




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.651 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

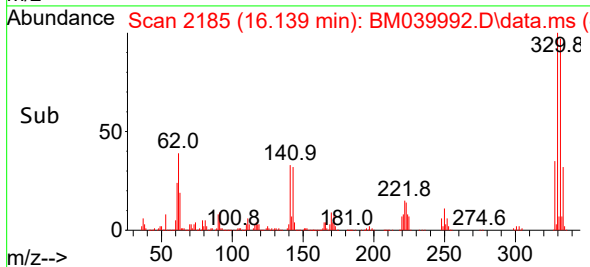
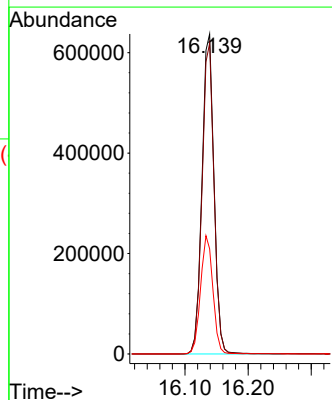
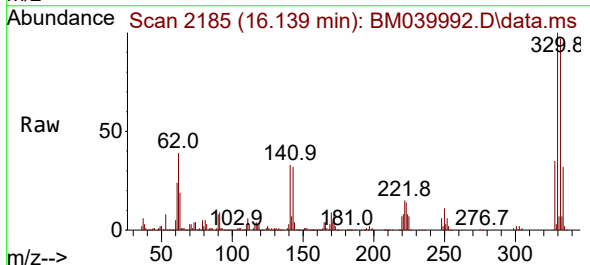
Instrument :
BNA_M
ClientSampleId :
TP12

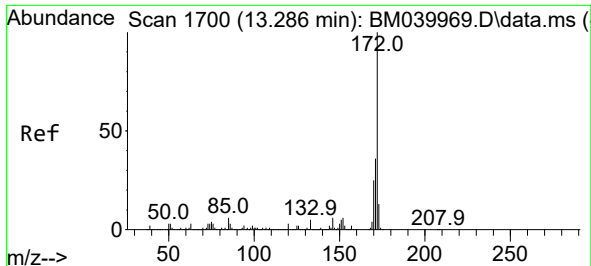
Tgt Ion:164 Resp: 665024
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 46.6 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 97.179 ng
RT: 16.139 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

Tgt Ion:330 Resp: 838802
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 38.0 31.6 47.4

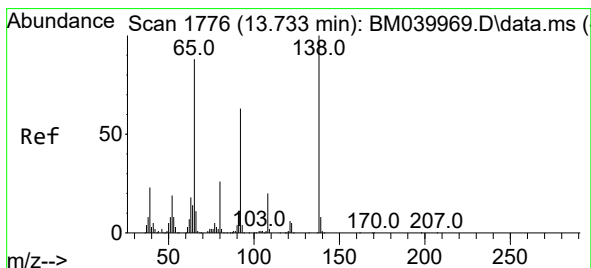
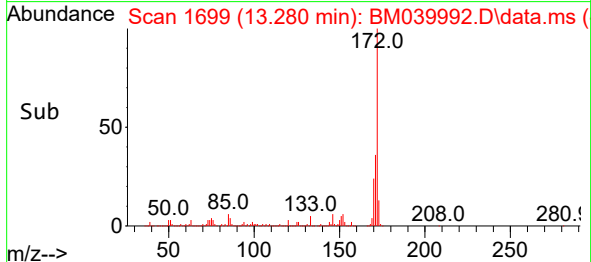
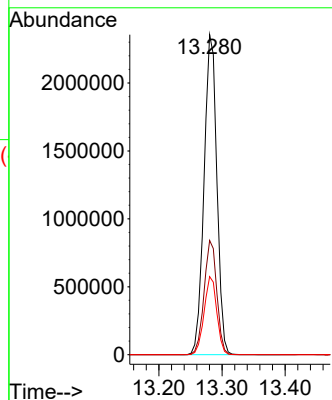
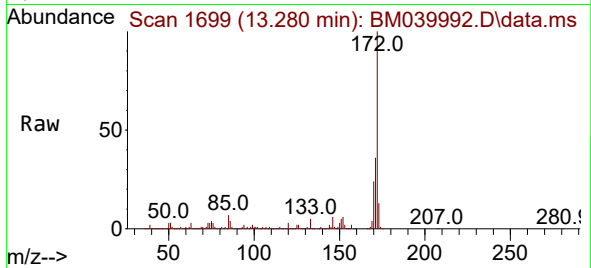




#45
2-Fluorobiphenyl
Concen: 59.049 ng
RT: 13.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

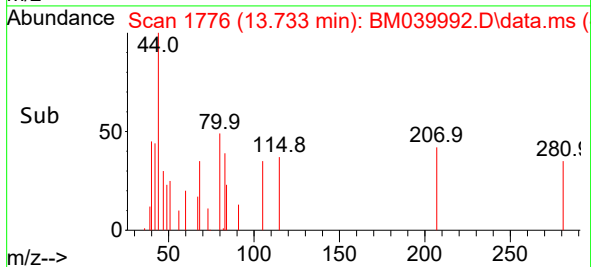
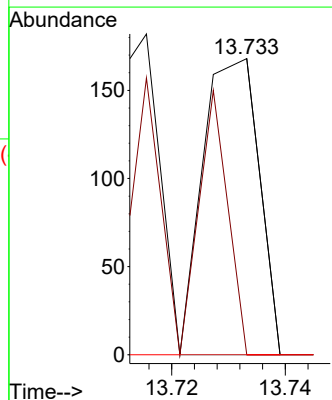
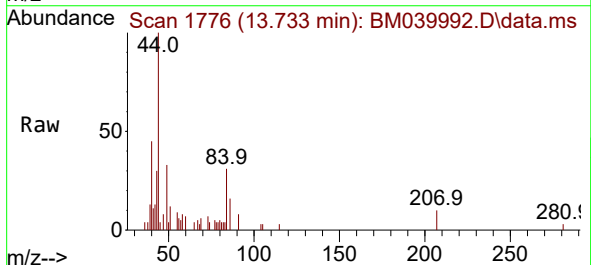
Instrument :
BNA_M
ClientSampleId :
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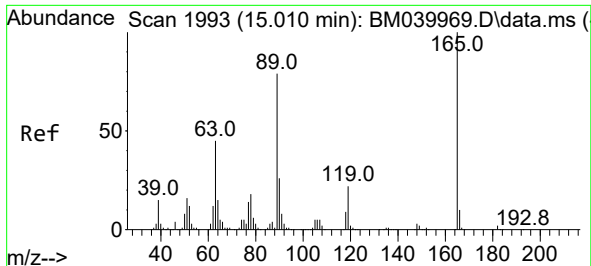
Tgt Ion:172 Resp: 3329313
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.6 29.4



#48
2-Nitroaniline
Concen: 2.570 ng
RT: 13.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 0.0 57.0 85.6#
138 0.0 91.1 136.7#

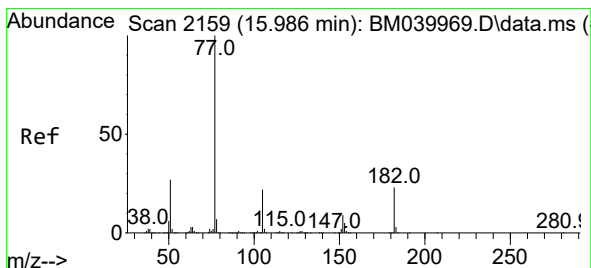
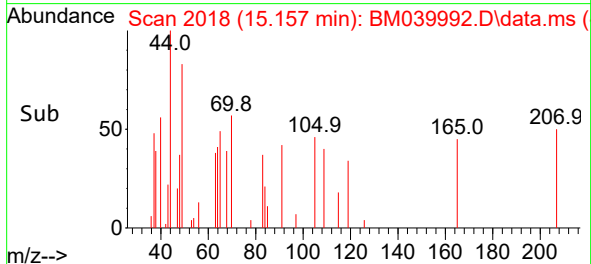
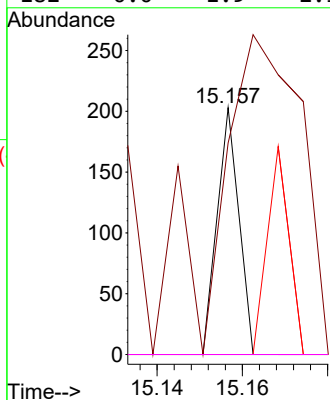
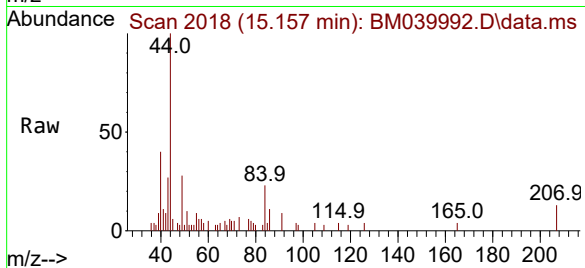




#57
2,4-Dinitrotoluene
Concen: 3.753 ng
RT: 15.157 min Scan# 20
Delta R.T. 0.147 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

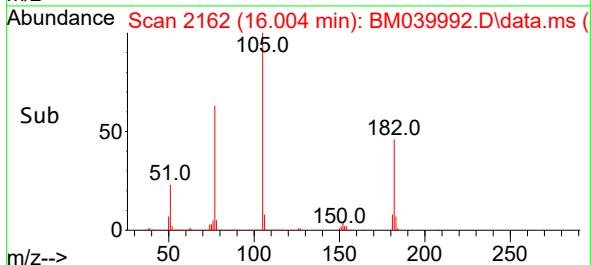
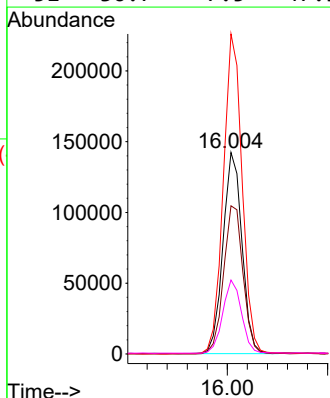
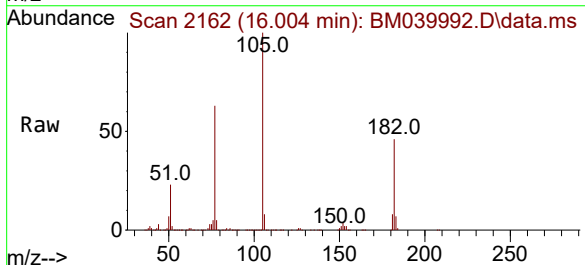
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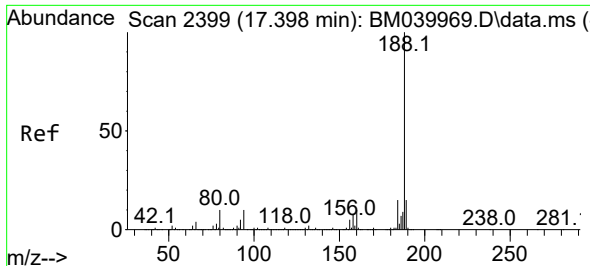
Tgt Ion:165 Resp: 72
Ion Ratio Lower Upper
165 100
63 85.7 36.2 54.2#
89 0.0 63.4 95.0#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 3.783 ng
RT: 16.004 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

Tgt Ion: 77 Resp: 186870
Ion Ratio Lower Upper
77 100
182 73.6 2.9 42.9#
105 158.9 1.5 41.5#
51 36.7 7.5 47.5

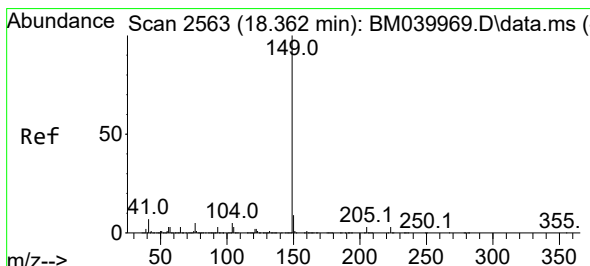
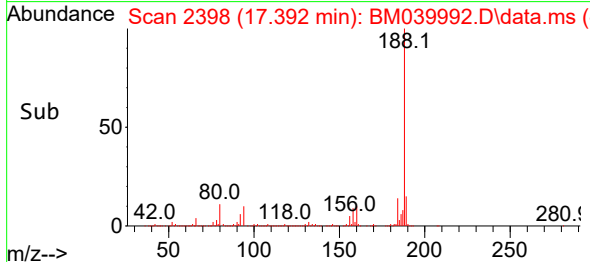
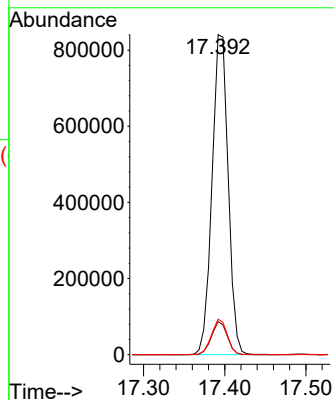
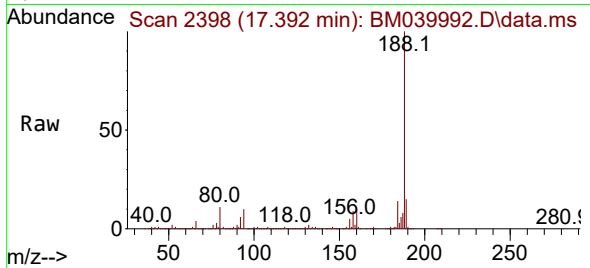




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

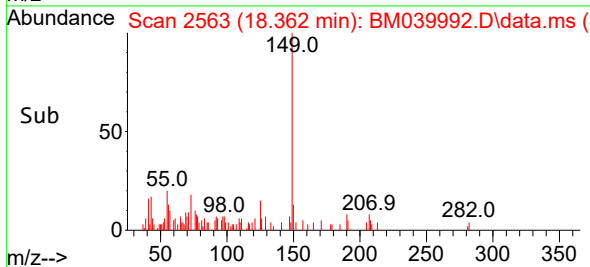
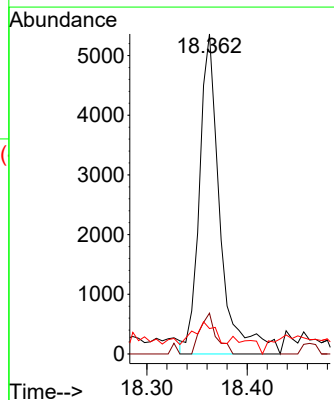
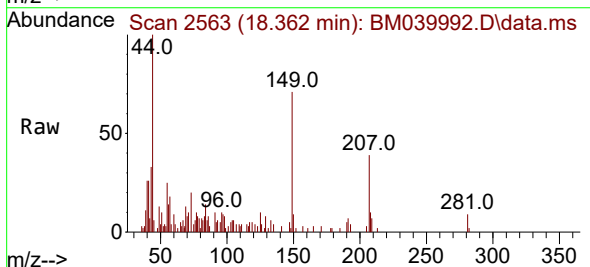
Instrument :
BNA_M
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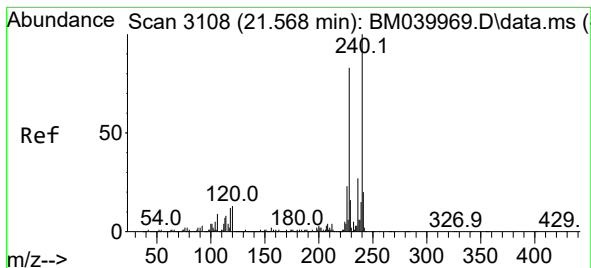
Tgt Ion:188 Resp: 1159041
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.8
80 11.1 8.2 12.4



#74
Di-n-butylphthalate
Concen: 3.751 ng
RT: 18.362 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BM039992.D
Acq: 24 May 2023 20:02

Tgt Ion:149 Resp: 7666
Ion Ratio Lower Upper
149 100
150 12.7 7.4 11.2#
104 7.9 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: BM039992.D

Acq: 24 May 2023 20:02

Instrument :

BNA_M

ClientSampleId :

TP12

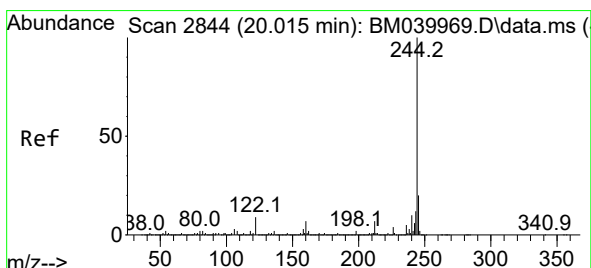
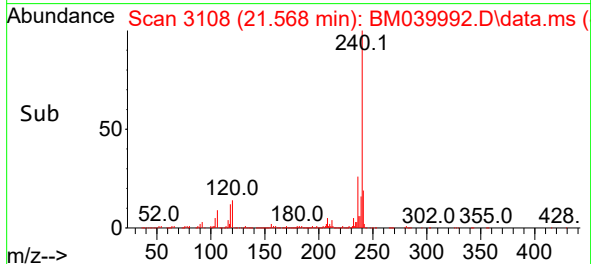
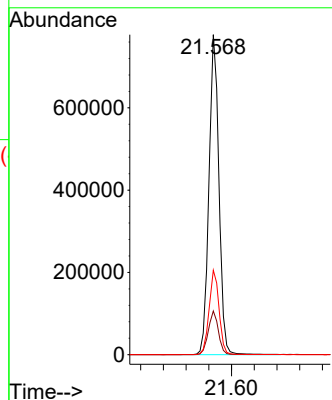
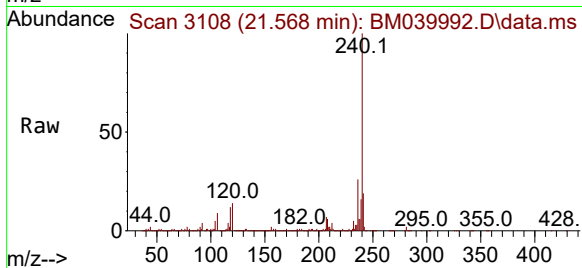
Tgt Ion:240 Resp: 943074

Ion Ratio Lower Upper

240 100

120 13.6 10.1 15.1

236 26.4 21.3 31.9



#79

Terphenyl-d14

Concen: 65.826 ng

RT: 20.009 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BM039992.D

Acq: 24 May 2023 20:02

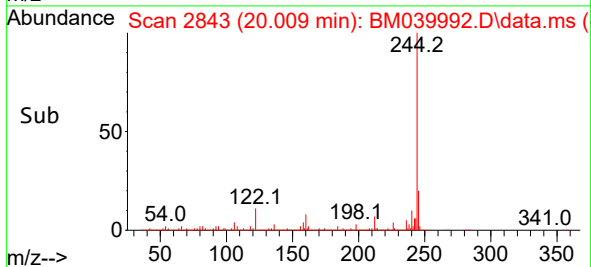
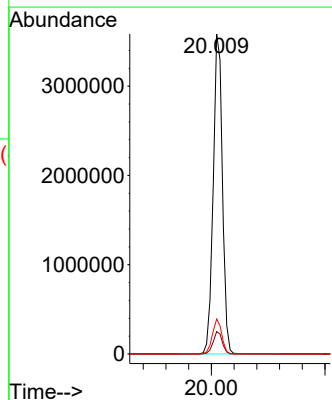
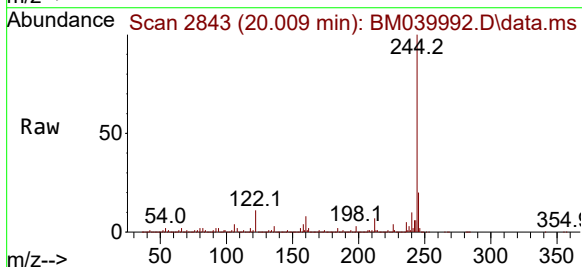
Tgt Ion:244 Resp: 3998129

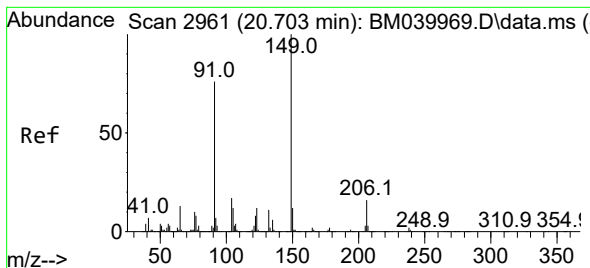
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 11.0 7.1 10.7#





#80

Butylbenzylphthalate

Concen: 4.860 ng

RT: 20.697 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BM039992.D

Acq: 24 May 2023 20:02

Instrument :

BNA_M

ClientSampleId :

TP12

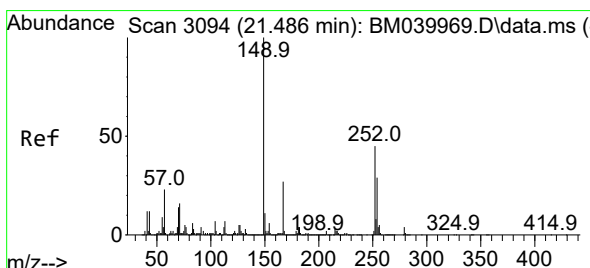
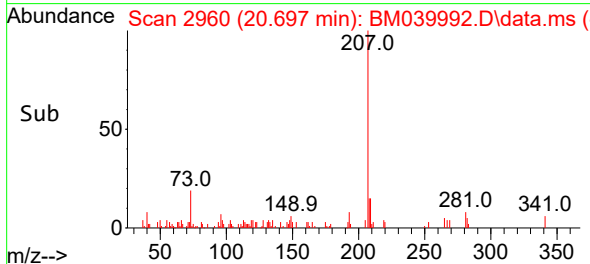
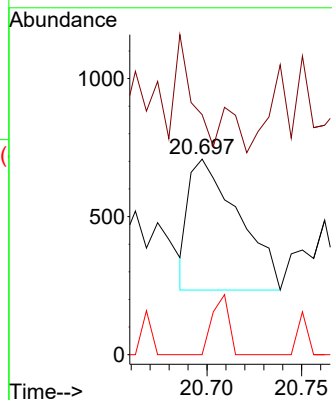
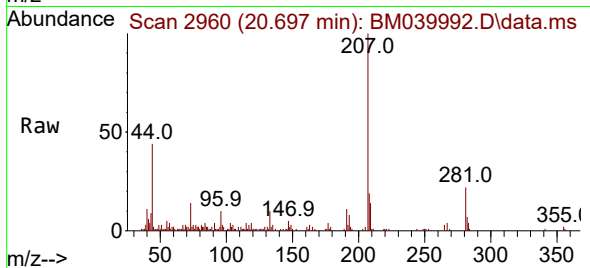
Tgt Ion:149 Resp: 874

Ion Ratio Lower Upper

149 100

91 122.7 61.0 91.4#

206 0.0 12.7 19.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.877 ng

RT: 21.480 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM039992.D

Acq: 24 May 2023 20:02

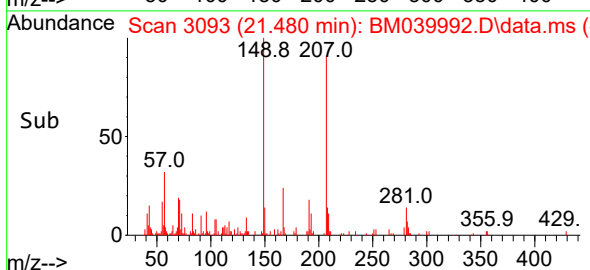
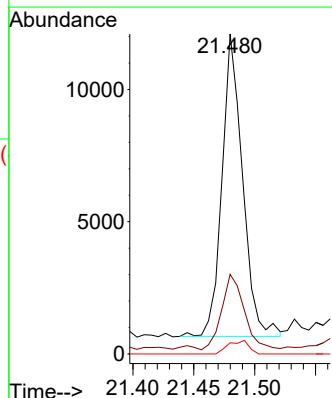
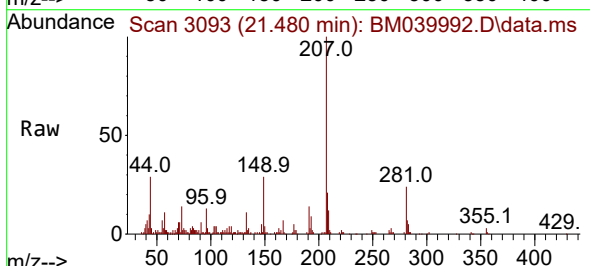
Tgt Ion:149 Resp: 13473

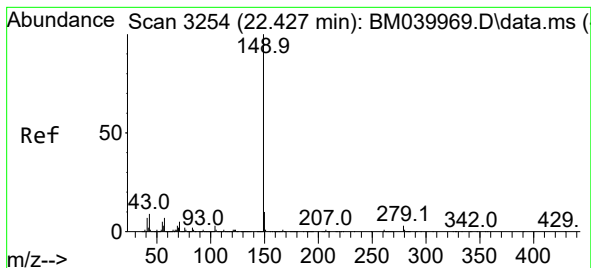
Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.2

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 6.728 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039992.D

Acq: 24 May 2023 20:02

Instrument :

BNA_M

ClientSampleId :

TP12

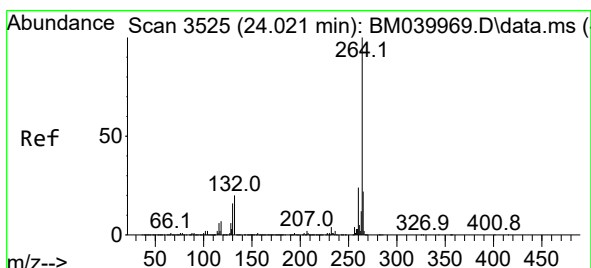
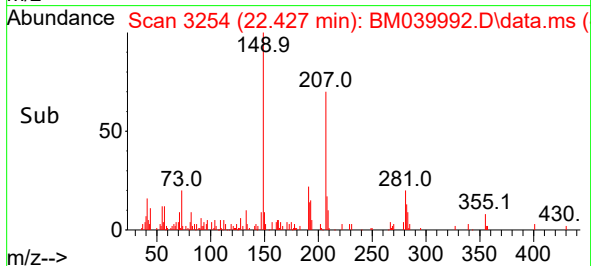
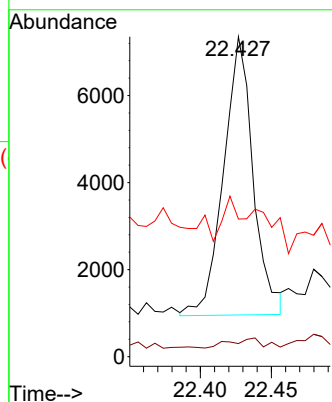
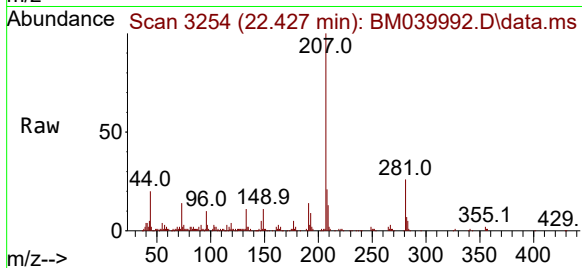
Tgt Ion:149 Resp: 9265

Ion Ratio Lower Upper

149 100

167 3.9 1.1 1.7#

43 9.6 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM039992.D

Acq: 24 May 2023 20:02

Tgt Ion:264 Resp: 1090534

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.0 17.7 26.5

