

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039061.D
 Acq On : 21 Mar 2023 01:34
 Operator : CG/JU
 Sample : 01964-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-6

Quant Time: Mar 21 03:56:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

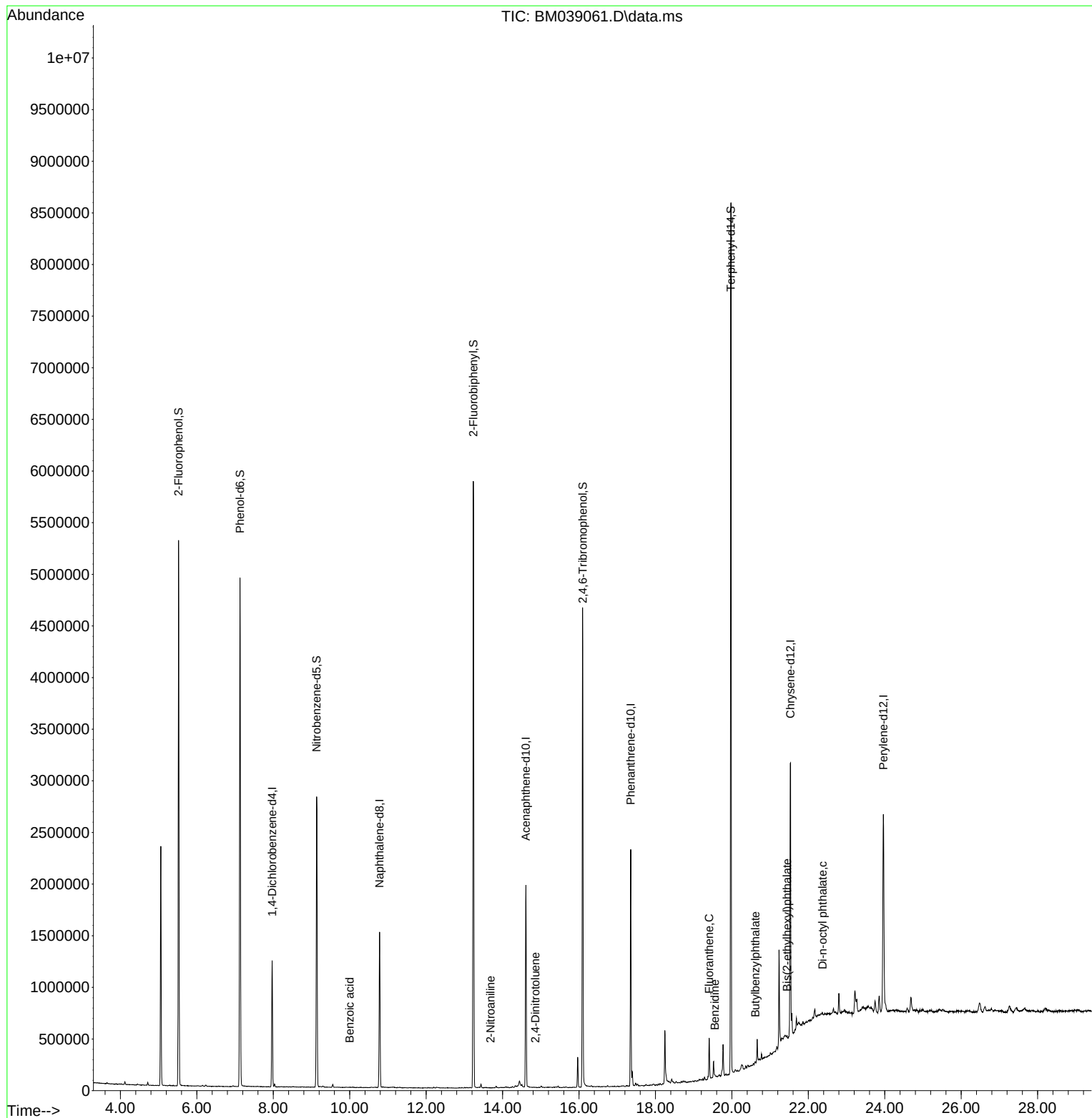
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	309827	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1188863	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	648135	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1295527	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1194642	20.000	ng	0.00
86) Perylene-d12	23.962	264	1381789	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2169480	106.384	ng	0.00
7) Phenol-d6	7.128	99	2747013	103.707	ng	0.00
23) Nitrobenzene-d5	9.134	82	1614513	66.708	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	748744	99.861	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2872658	57.698	ng	-0.01
79) Terphenyl-d14	19.974	244	3865482	59.159	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.998	122	55	5.736	ng	# 1
48) 2-Nitroaniline	13.686	65	111	2.223	ng	# 34
57) 2,4-Dinitrotoluene	14.857	165	83	2.077	ng	# 20
75) Fluoranthene	19.404	202	203341	2.533	ng	98
77) Benzidine	19.551	184	221	4.884	ng	# 1
80) Butylbenzylphthalate	20.615	149	367	3.325	ng	98
84) Bis(2-ethylhexyl)phtha...	21.445	149	7443	2.613	ng	95
85) Di-n-octyl phthalate	22.374	149	1457	3.811	ng	# 1

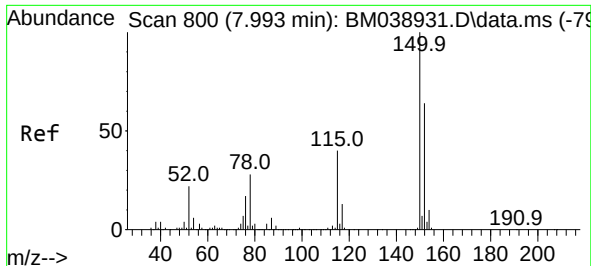
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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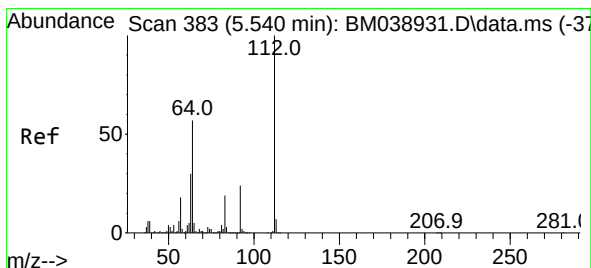
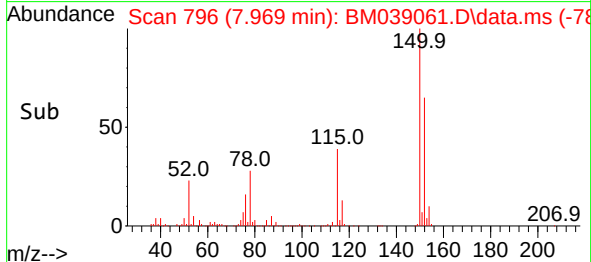
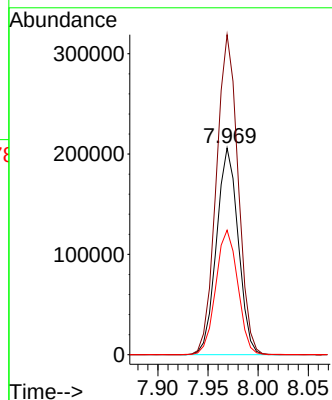
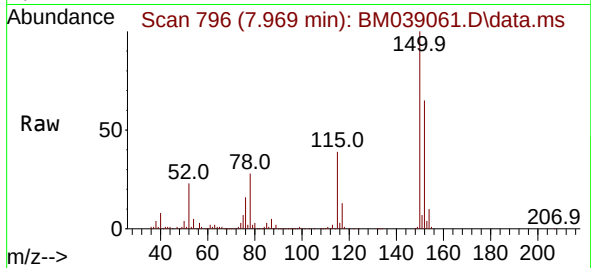




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

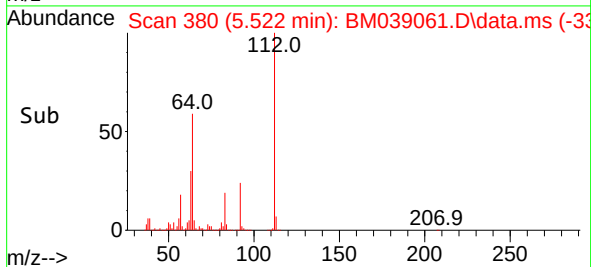
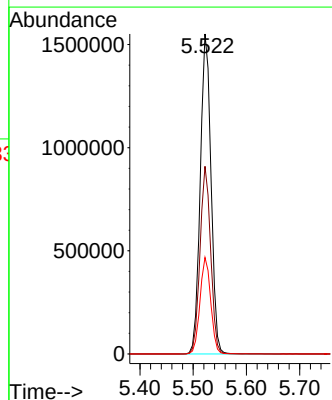
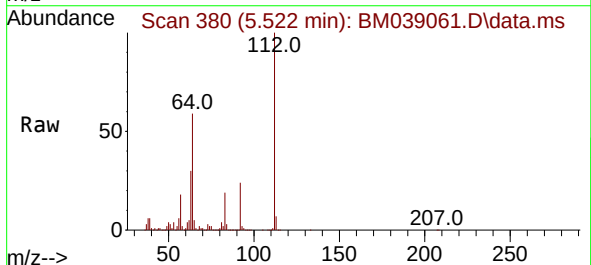
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

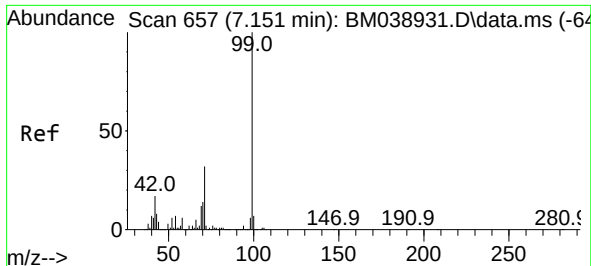
Tgt Ion:152 Resp: 309827
Ion Ratio Lower Upper
152 100
150 154.8 125.1 187.7
115 60.2 49.6 74.4



#5
2-Fluorophenol
Concen: 106.384 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.006 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Tgt Ion:112 Resp: 2169480
Ion Ratio Lower Upper
112 100
64 58.6 45.9 68.9
63 30.1 23.8 35.8



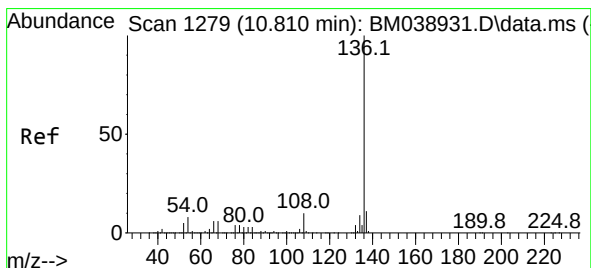
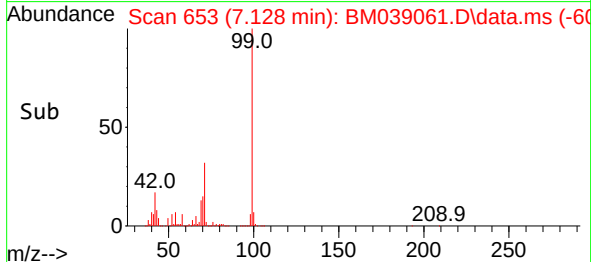
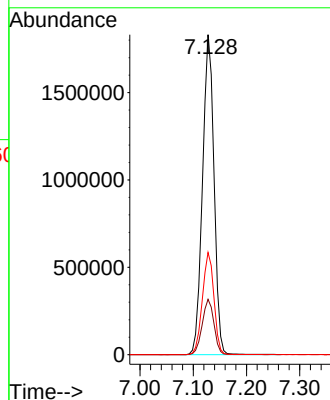
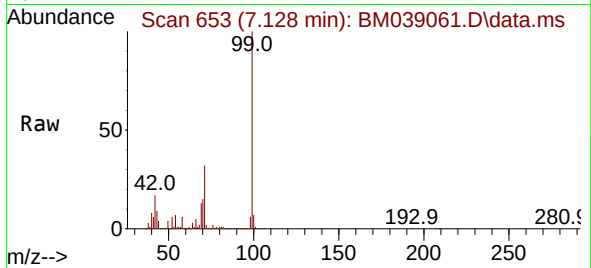


#7
Phenol-d6
Concen: 103.707 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

Tgt Ion: 99 Resp: 2747013

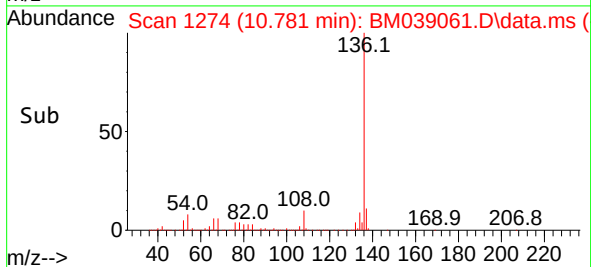
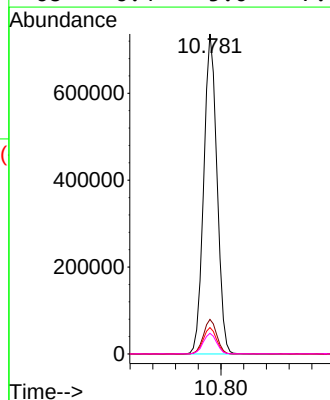
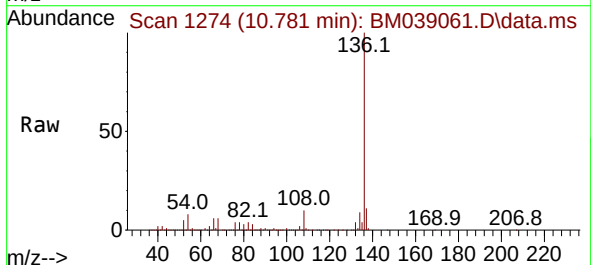
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.0	25.6	38.4

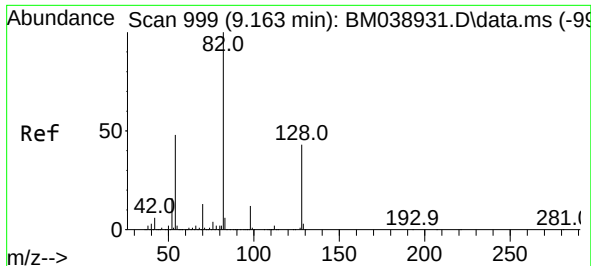


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Tgt Ion: 136 Resp: 1188863

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.3	6.3	9.5
68	6.4	5.0	7.6

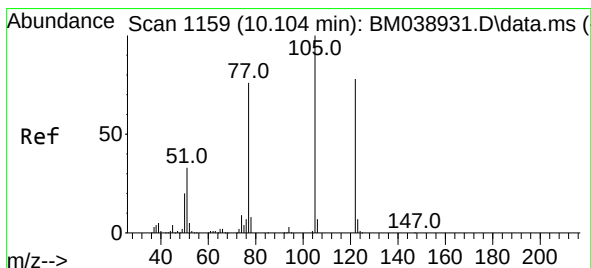
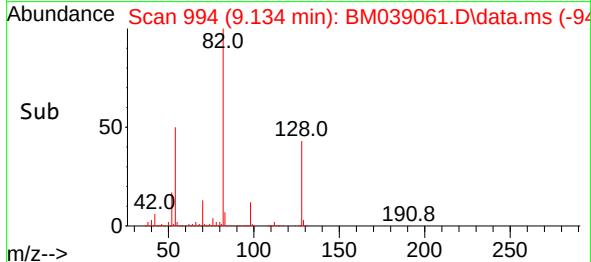
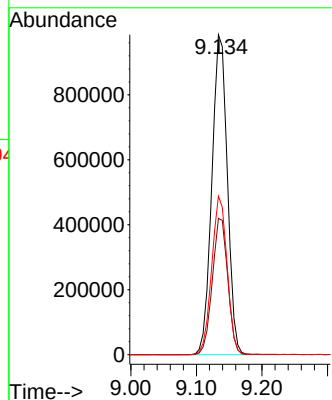
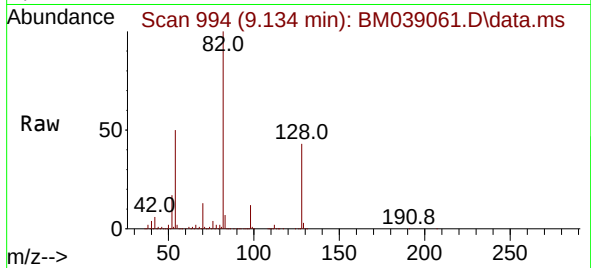




#23
Nitrobenzene-d5
Concen: 66.708 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

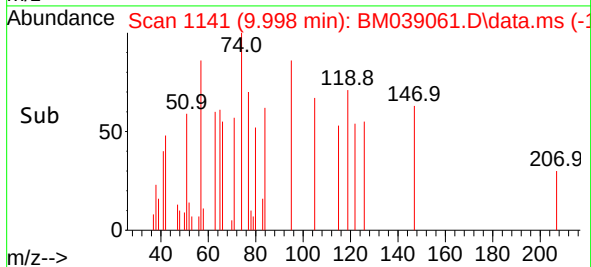
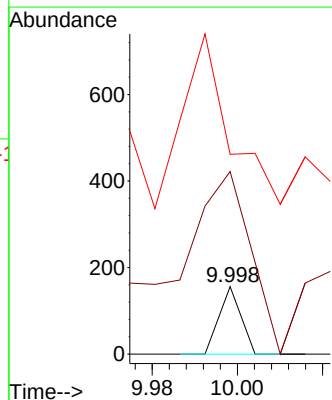
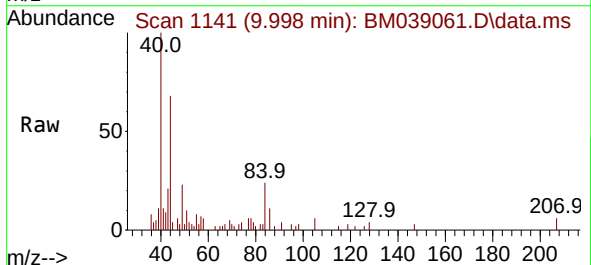
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

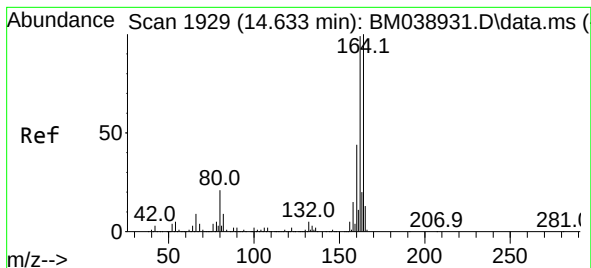
Tgt Ion: 82 Resp: 1614513
Ion Ratio Lower Upper
82 100
128 42.6 34.4 51.6
54 49.5 38.8 58.2



#32
Benzoic acid
Concen: 5.736 ng
RT: 9.998 min Scan# 1141
Delta R.T. -0.100 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 270.5 104.2 144.2#
77 296.2 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

Instrument :

BNA_M

ClientSampleId :

MAPLE-6

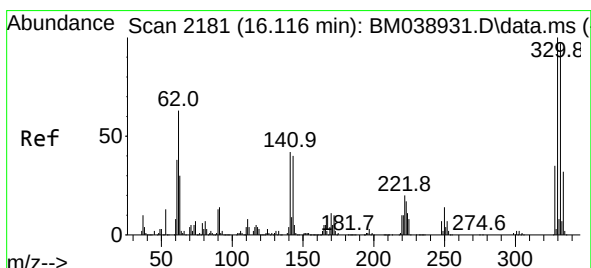
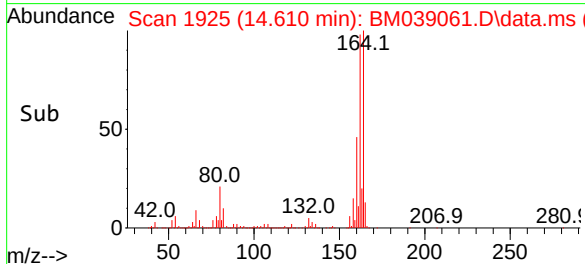
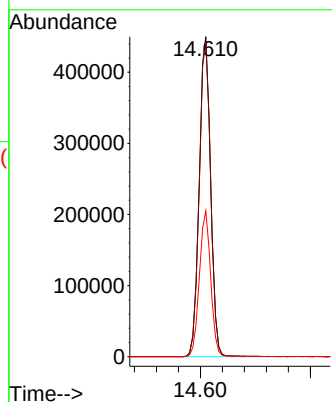
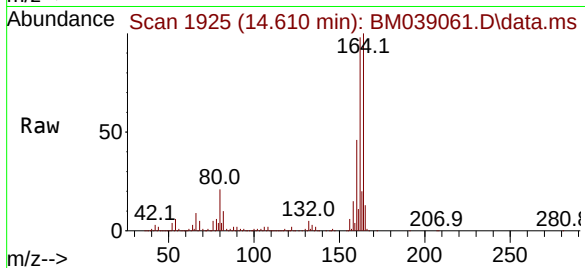
Tgt Ion:164 Resp: 648135

Ion Ratio Lower Upper

164 100

162 98.2 79.2 118.8

160 45.5 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 99.861 ng

RT: 16.098 min Scan# 2178

Delta R.T. -0.006 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

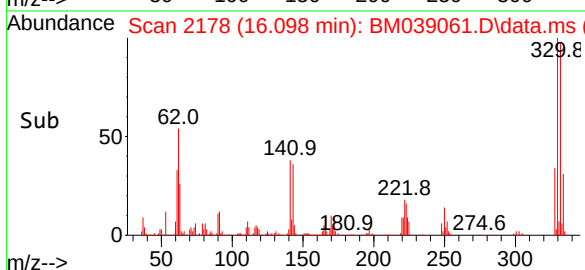
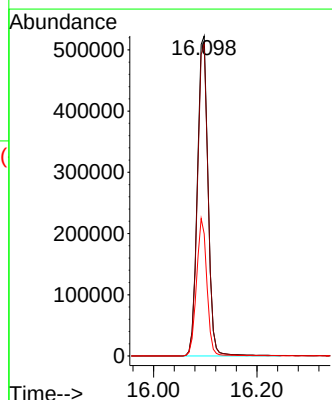
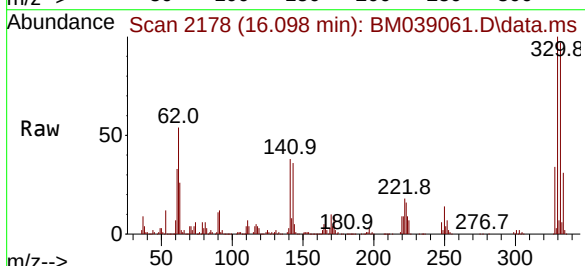
Tgt Ion:330 Resp: 748744

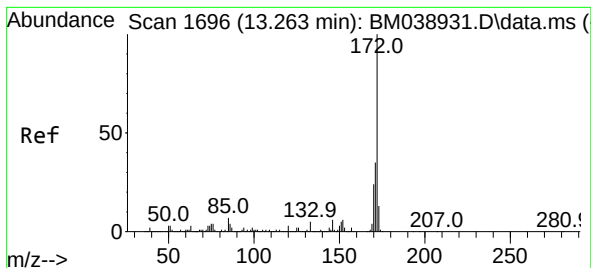
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 41.8 32.2 48.4

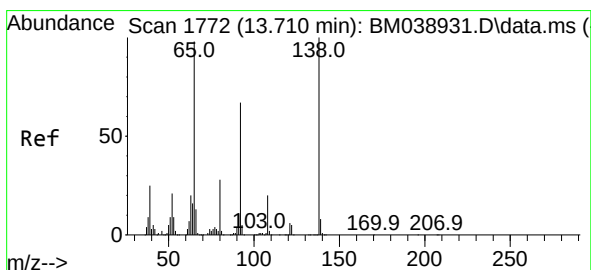
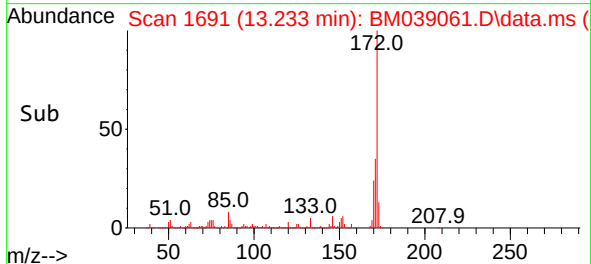
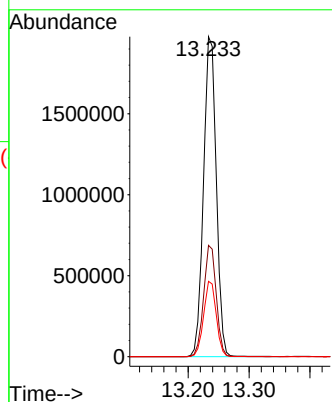
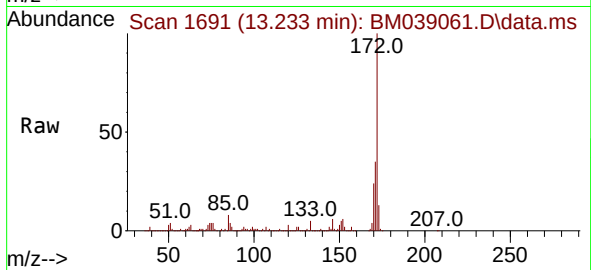




#45
2-Fluorobiphenyl
Concen: 57.698 ng
RT: 13.233 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

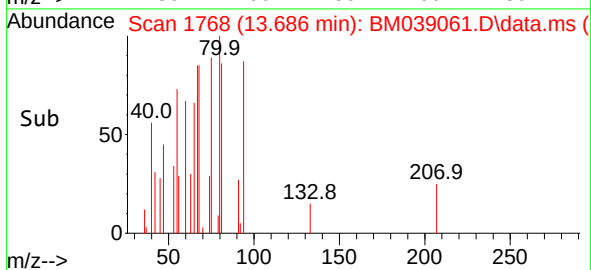
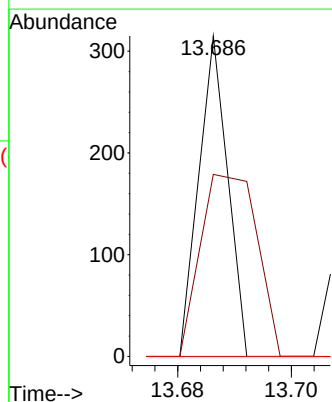
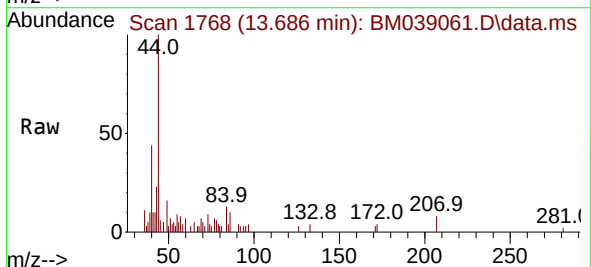
Instrument :
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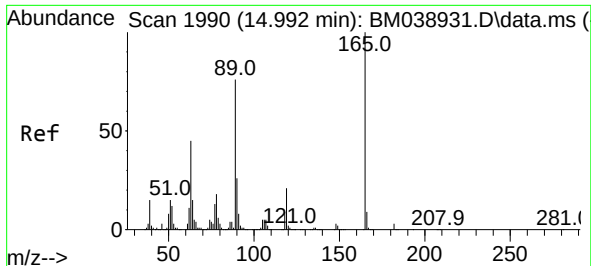
Tgt Ion:172 Resp: 2872658
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 2.223 ng
RT: 13.686 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

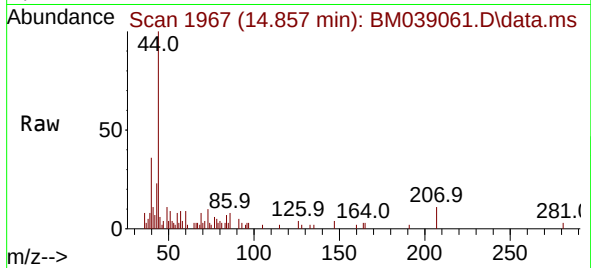
Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 56.8 54.9 82.3
138 0.0 81.6 122.4#



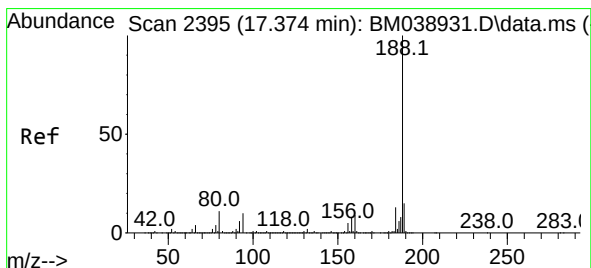
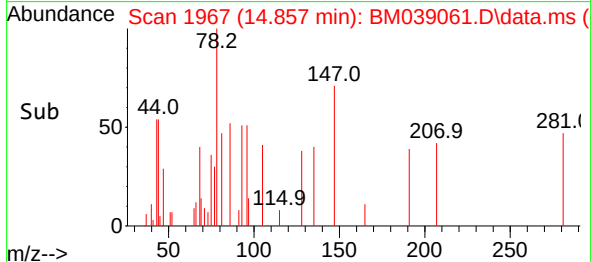
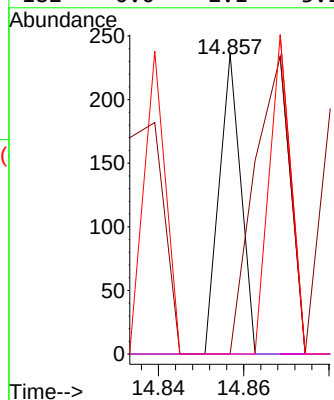


#57
2,4-Dinitrotoluene
Concen: 2.077 ng
RT: 14.857 min Scan# 1990
Delta R.T. -0.118 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

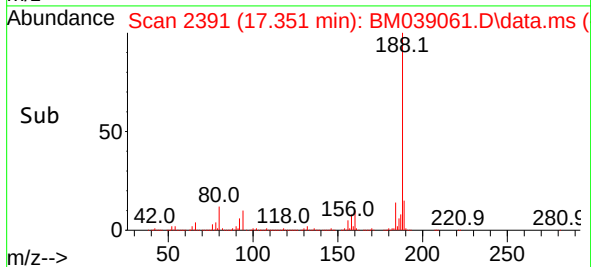
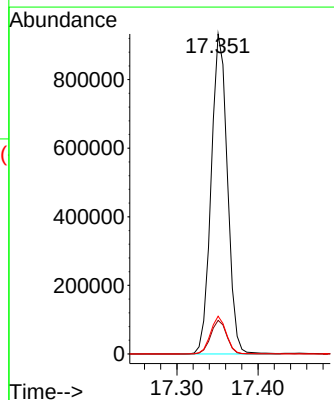
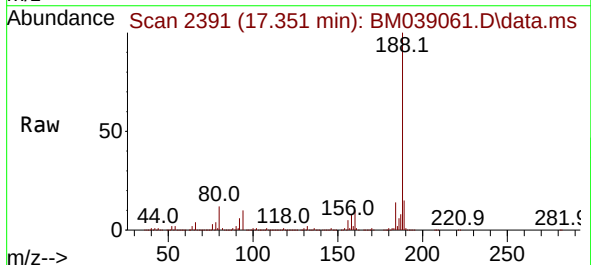


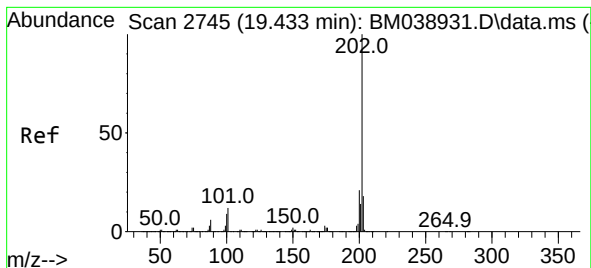
Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Tgt Ion:188 Resp: 1295527
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.8 8.5 12.7





#75

Fluoranthene

Concen: 2.533 ng

RT: 19.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

Instrument :

BNA_M

ClientSampleId :

MAPLE-6

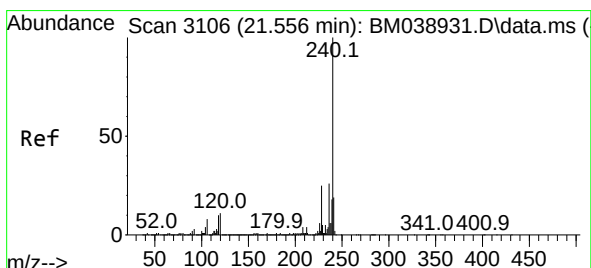
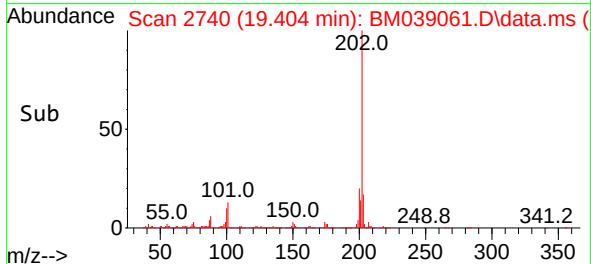
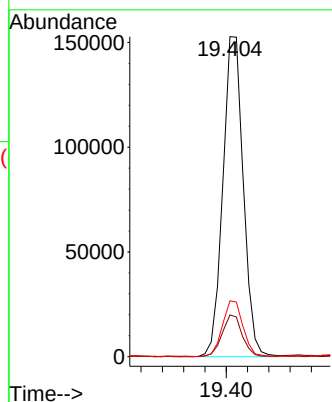
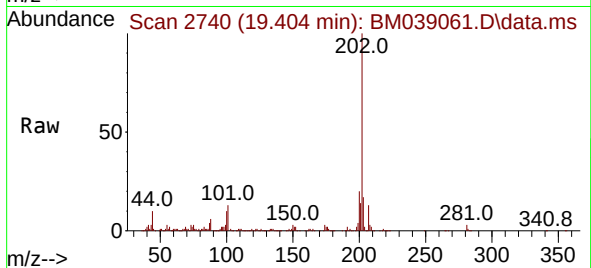
Tgt Ion:202 Resp: 203341

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.7

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

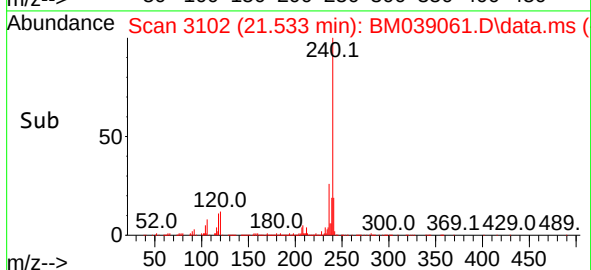
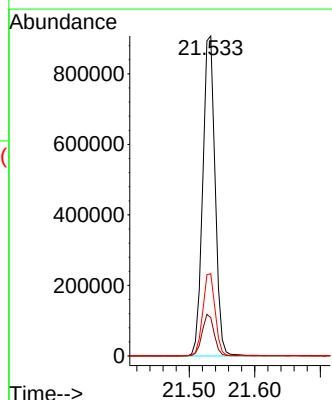
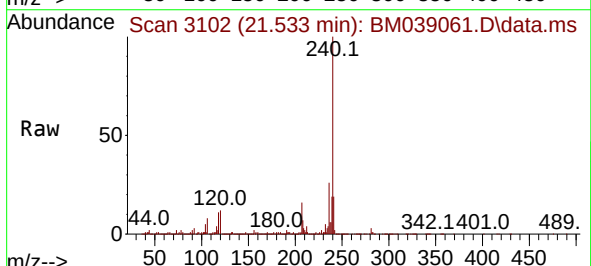
Tgt Ion:240 Resp: 1194642

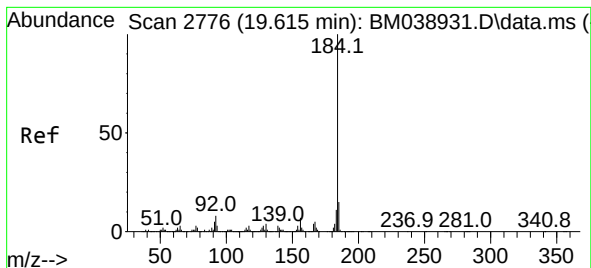
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.7 20.8 31.2





#77

Benzidine

Concen: 4.884 ng

RT: 19.551 min Scan# 21

Delta R.T. -0.047 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

Instrument :

BNA_M

ClientSampleId :

MAPLE-6

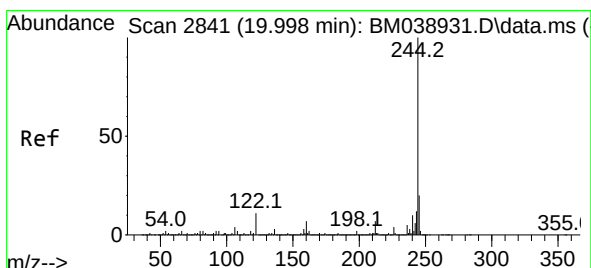
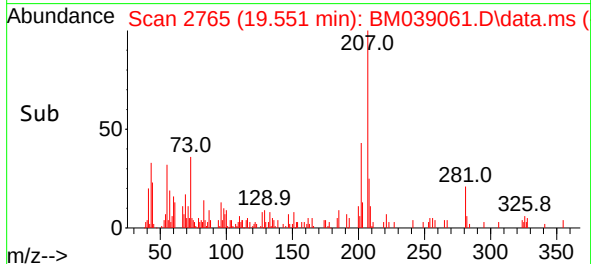
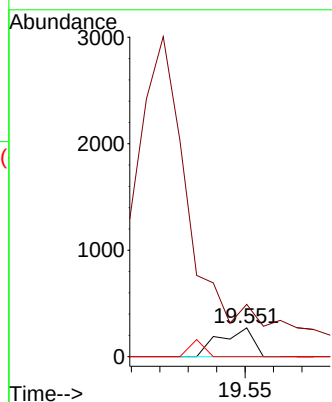
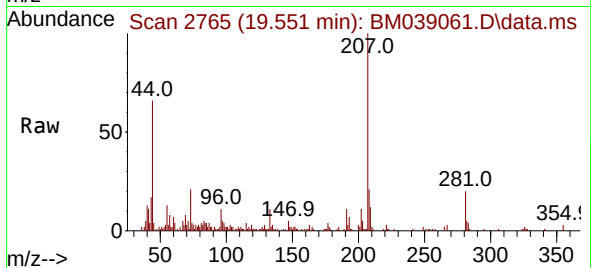
Tgt Ion:184 Resp: 221

Ion Ratio Lower Upper

184 100

185 181.5 12.2 18.4#

183 0.0 8.8 13.2#



#79

Terphenyl-d14

Concen: 59.159 ng

RT: 19.974 min Scan# 2837

Delta R.T. -0.006 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

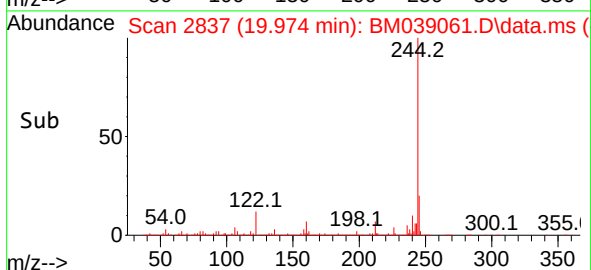
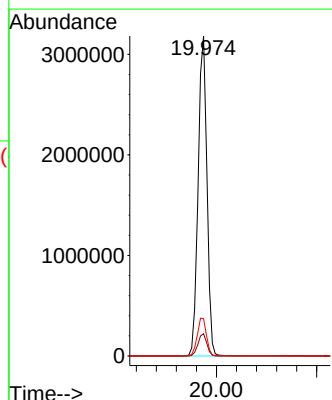
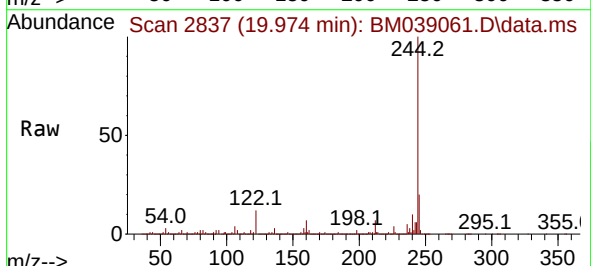
Tgt Ion:244 Resp: 3865482

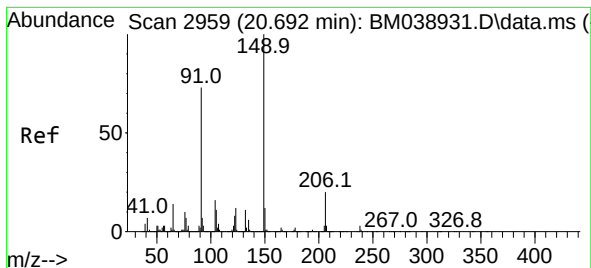
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.7 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.325 ng

RT: 20.615 min Scan# 2946

Delta R.T. -0.059 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

Instrument :

BNA_M

ClientSampleId :

MAPLE-6

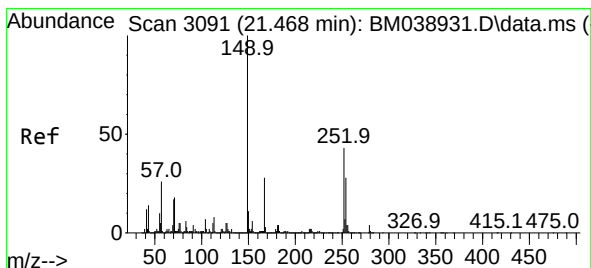
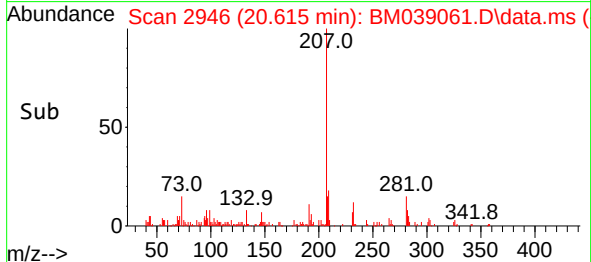
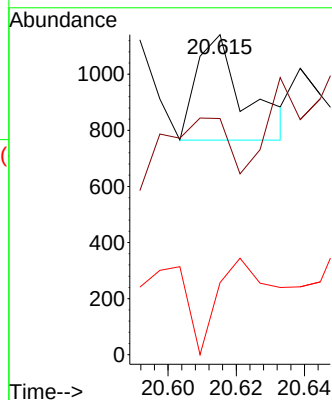
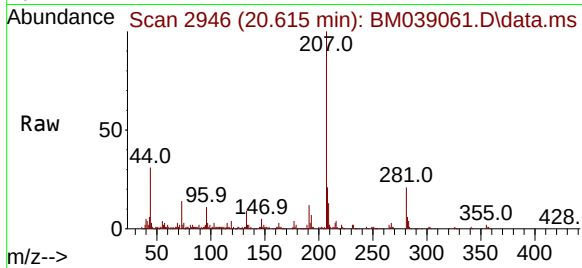
Tgt Ion:149 Resp: 367

Ion Ratio Lower Upper

149 100

91 73.8 58.4 87.6

206 22.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.613 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039061.D

Acq: 21 Mar 2023 01:34

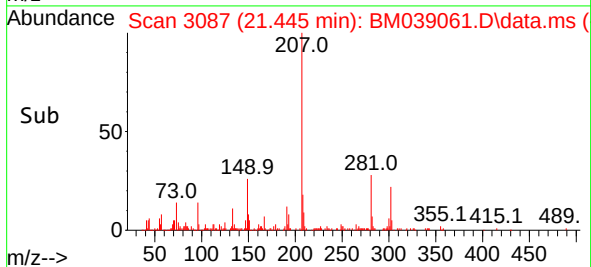
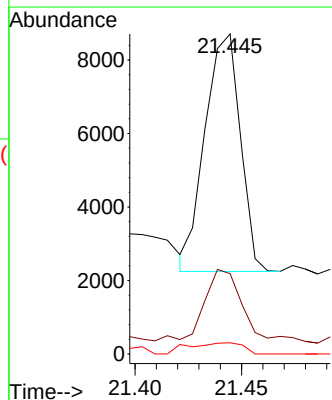
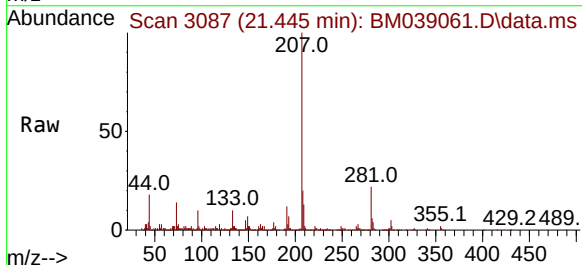
Tgt Ion:149 Resp: 7443

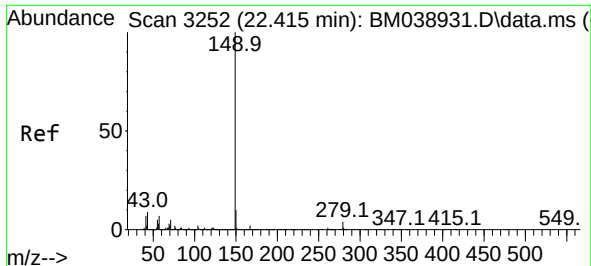
Ion Ratio Lower Upper

149 100

167 25.1 22.3 33.5

279 3.5 3.2 4.8

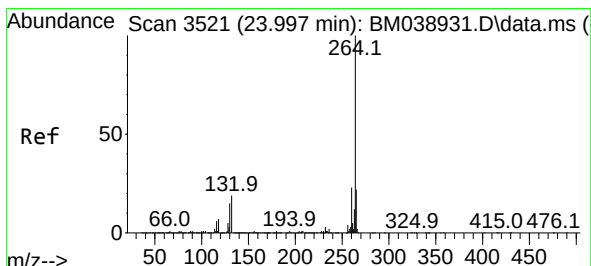
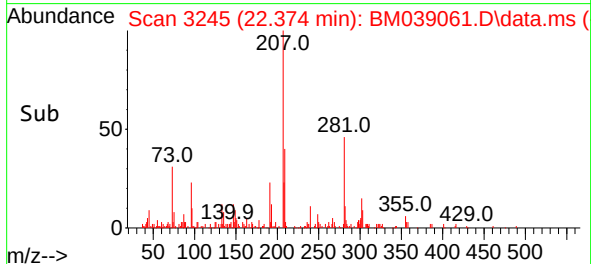
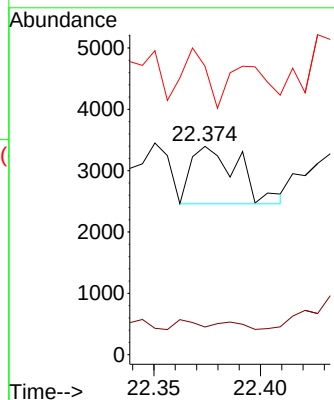
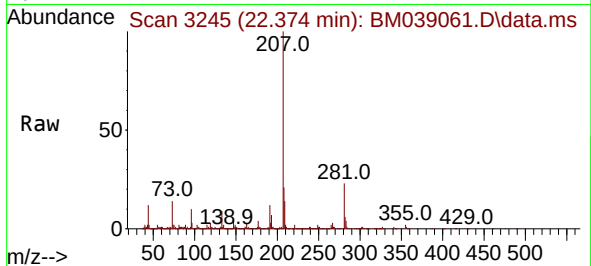




#85
Di-n-octyl phthalate
Concen: 3.811 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

Tgt Ion:149 Resp: 1457
Ion Ratio Lower Upper
149 100
167 8.9 1.2 1.8#
43 52.4 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. -0.018 min
Lab File: BM039061.D
Acq: 21 Mar 2023 01:34

Tgt Ion:264 Resp: 1381789
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.3 17.9 26.9

