

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039058.D
 Acq On : 20 Mar 2023 23:42
 Operator : CG/JU
 Sample : 01964-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-6

Quant Time: Mar 21 01:53:22 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)

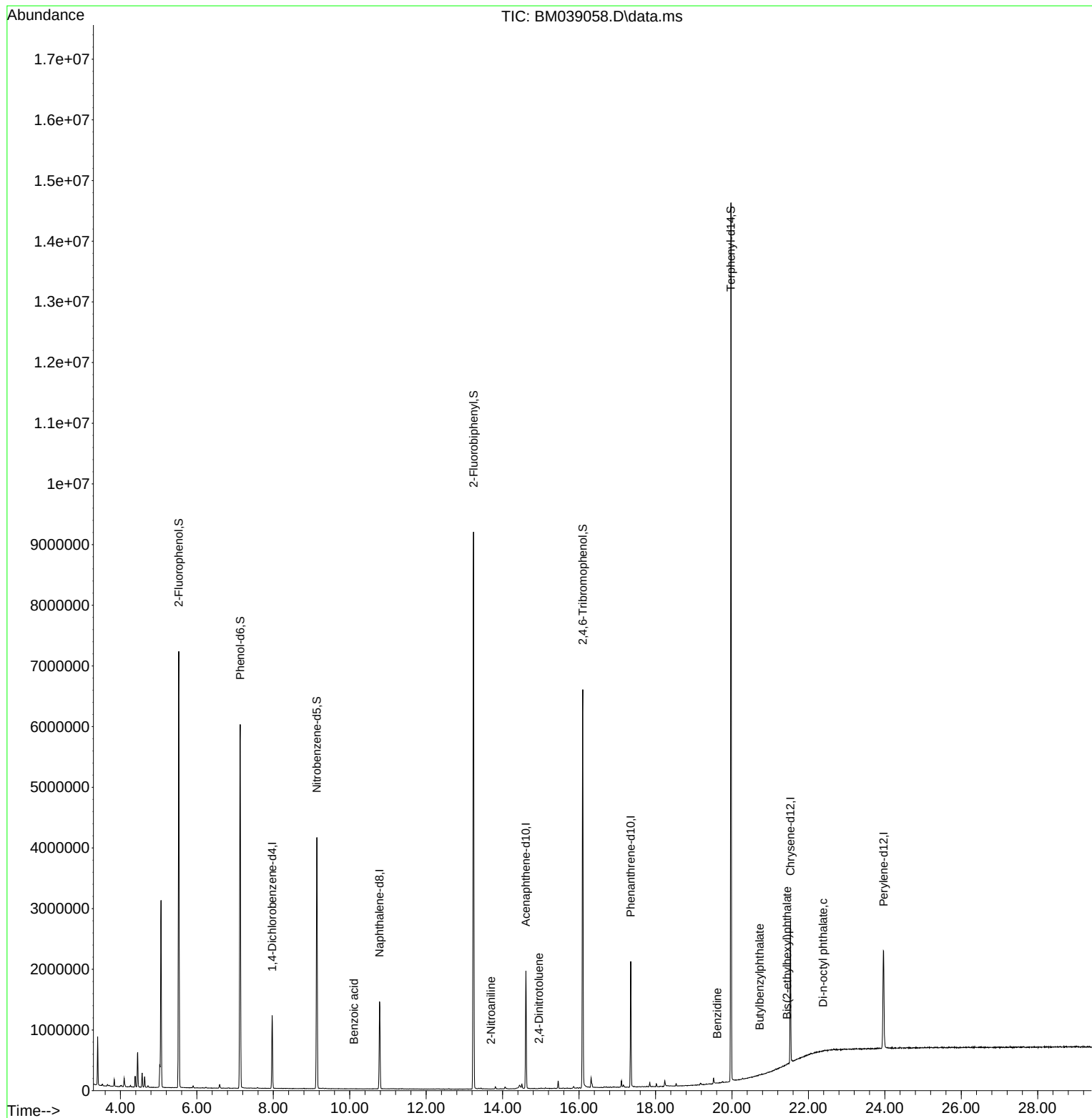
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	301466	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1149025	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	620170	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1199724	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1045287	20.000	ng	0.00
86) Perylene-d12	23.968	264	1187557	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2950985	148.720	ng	0.00
7) Phenol-d6	7.134	99	3401474	131.976	ng	0.00
23) Nitrobenzene-d5	9.139	82	2360583	100.915	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1053774	146.880	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4576872	96.073	ng	0.00
79) Terphenyl-d14	19.974	244	6325845	110.647	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.110	122	71	5.737	ng	# 56
48) 2-Nitroaniline	13.698	65	66	2.220	ng	# 6
57) 2,4-Dinitrotoluene	14.951	165	68	2.076	ng	# 20
77) Benzidine	19.615	184	128	4.881	ng	# 1
80) Butylbenzylphthalate	20.727	149	219	3.322	ng	96
84) Bis(2-ethylhexyl)phtha...	21.445	149	3655	2.557	ng	# 92
85) Di-n-octyl phthalate	22.386	149	640	3.804	ng	# 72

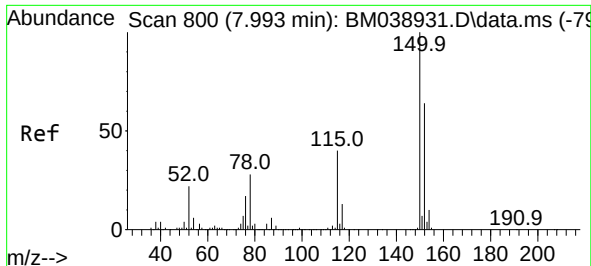
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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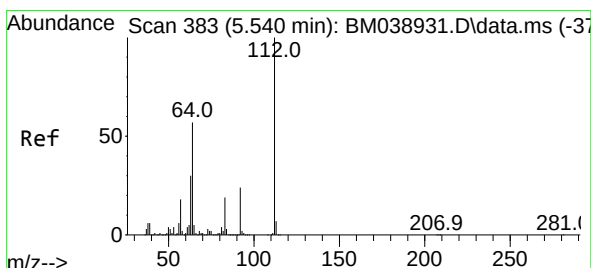
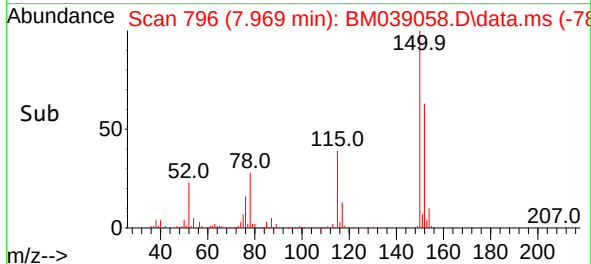
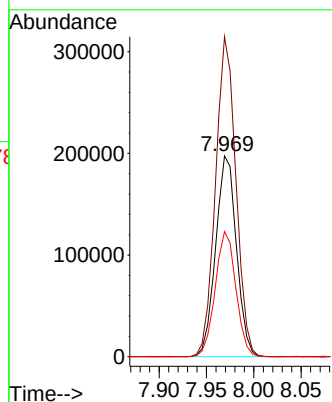
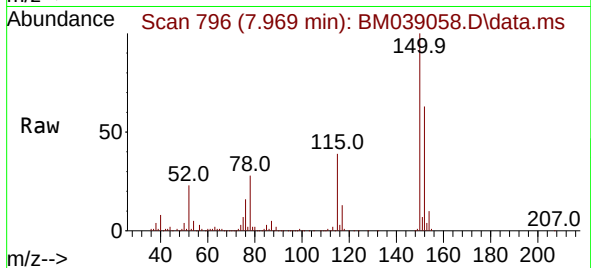




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

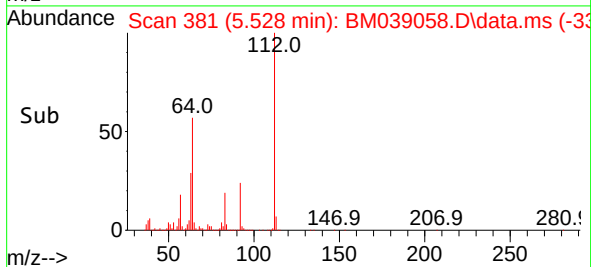
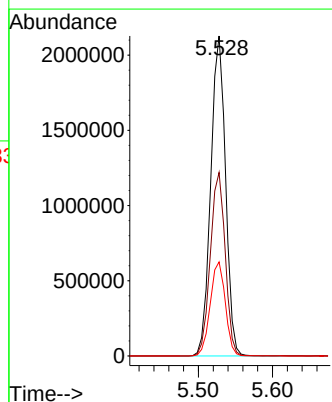
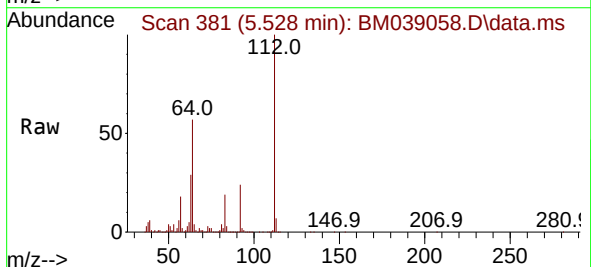
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

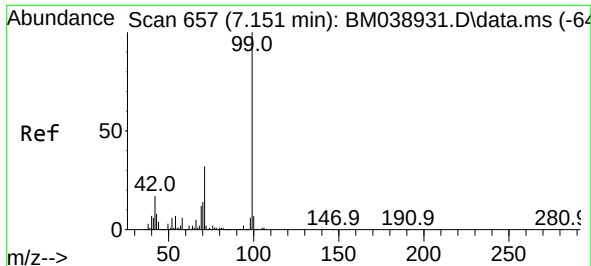
Tgt Ion:152 Resp: 301466
Ion Ratio Lower Upper
152 100
150 159.4 125.1 187.7
115 62.4 49.6 74.4



#5
2-Fluorophenol
Concen: 148.720 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion:112 Resp: 2950985
Ion Ratio Lower Upper
112 100
64 57.4 45.9 68.9
63 29.4 23.8 35.8



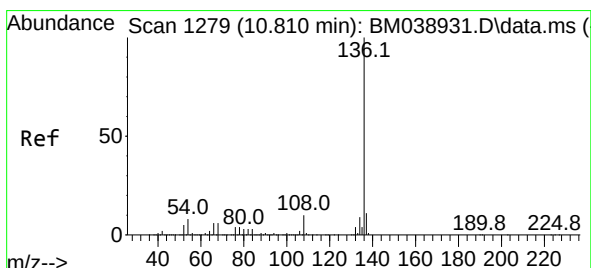
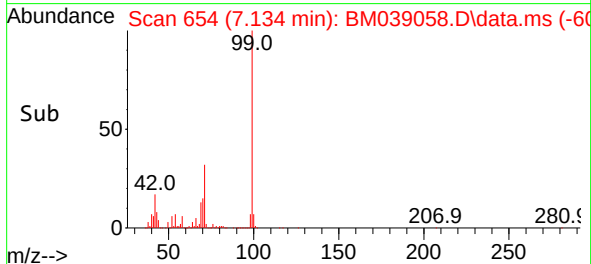
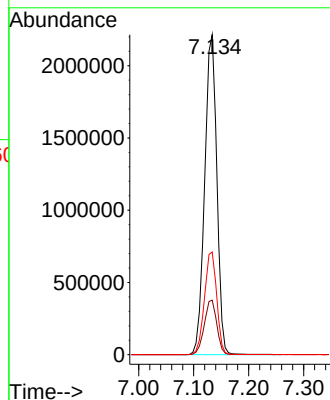
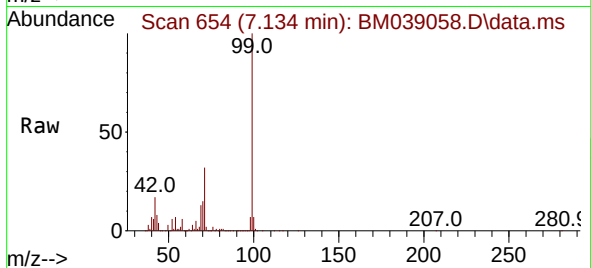


#7
Phenol-d6
Concen: 131.976 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

Tgt Ion: 99 Resp: 3401474

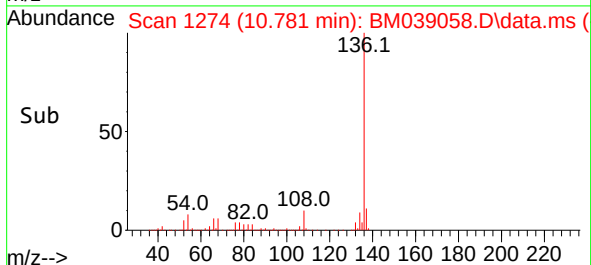
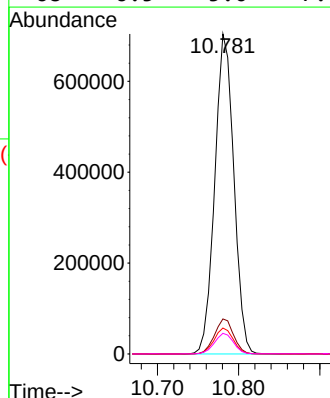
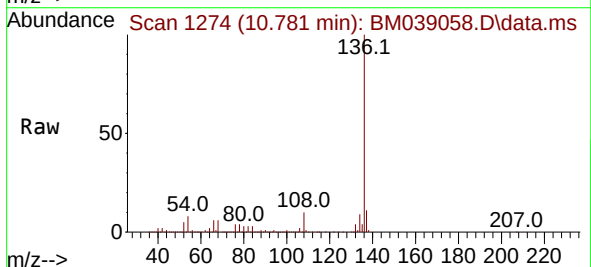
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.1	25.6	38.4

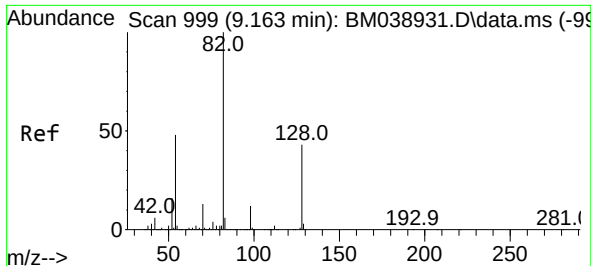


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion: 136 Resp: 1149025

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.1	6.3	9.5
68	6.5	5.0	7.6

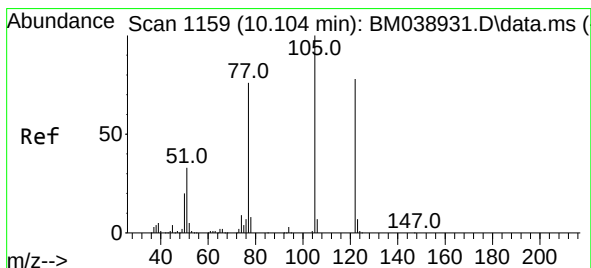
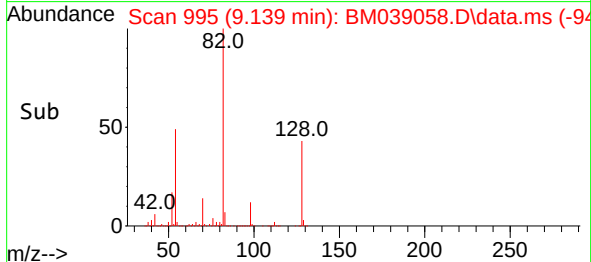
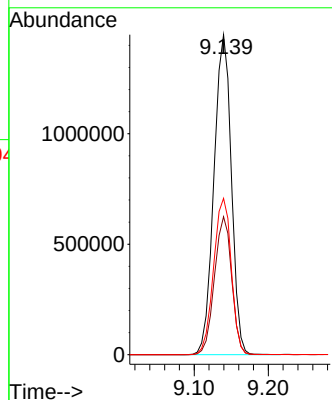
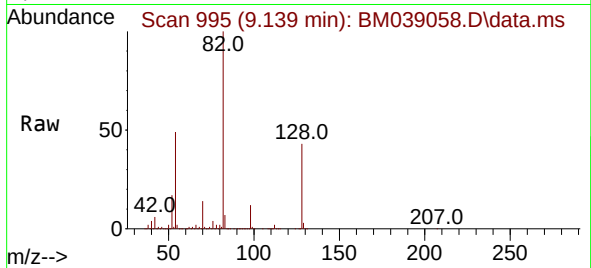




#23
Nitrobenzene-d5
Concen: 100.915 ng
RT: 9.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

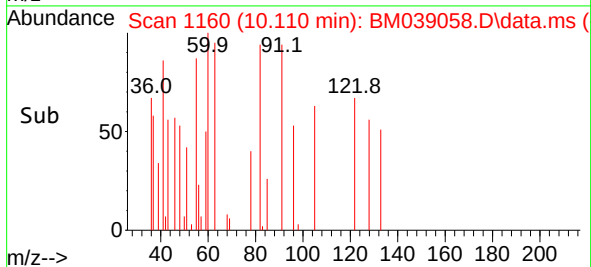
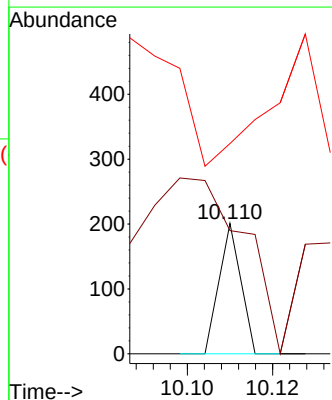
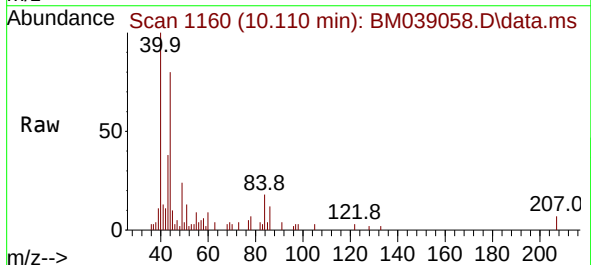
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

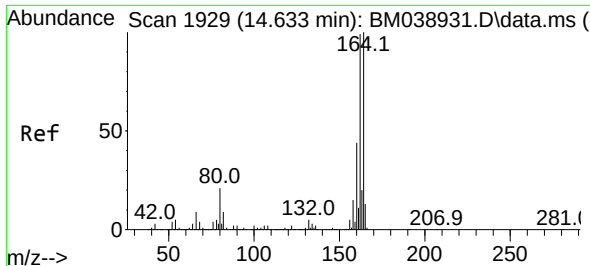
Tgt Ion: 82 Resp: 2360583
Ion Ratio Lower Upper
82 100
128 43.1 34.4 51.6
54 48.9 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion: 122 Resp: 71
Ion Ratio Lower Upper
122 100
105 94.5 104.2 144.2#
77 161.2 75.1 115.1#

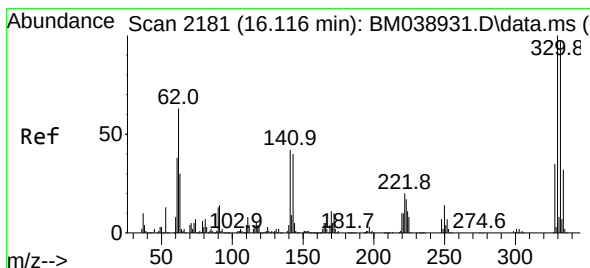
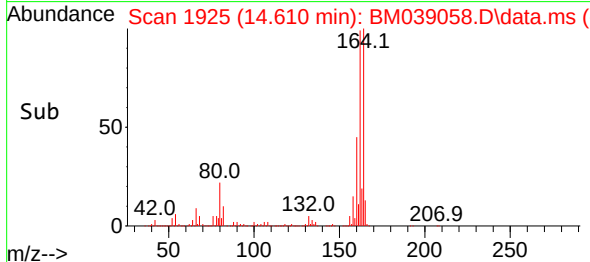
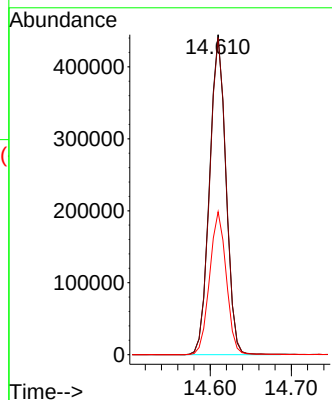
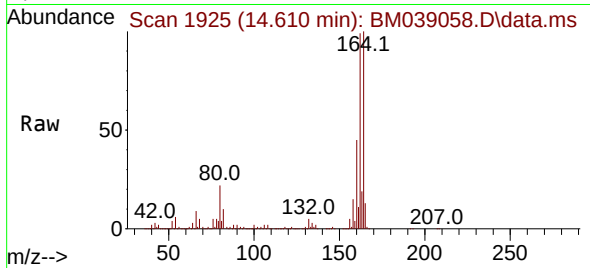




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

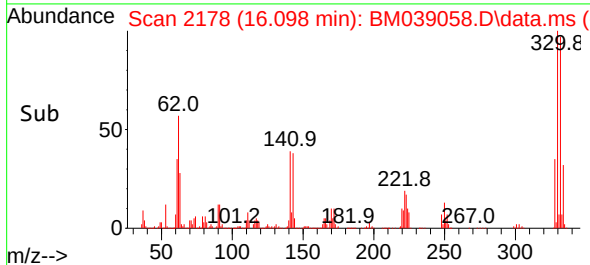
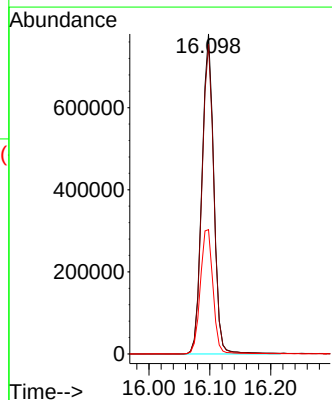
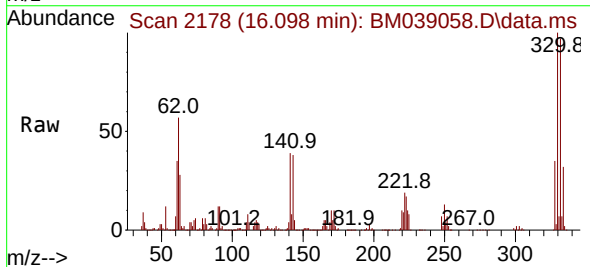
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

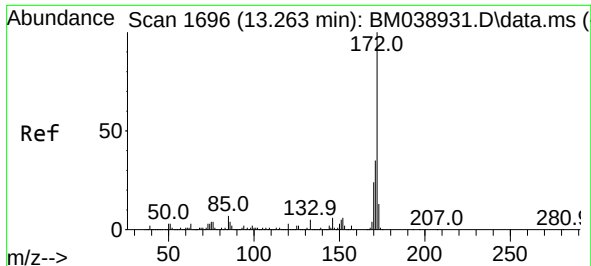
Tgt Ion:164 Resp: 620170
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 146.880 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion:330 Resp: 1053774
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 41.5 32.2 48.4

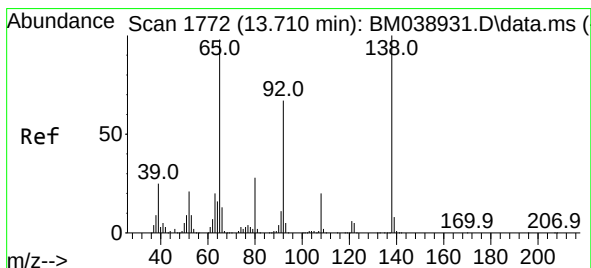
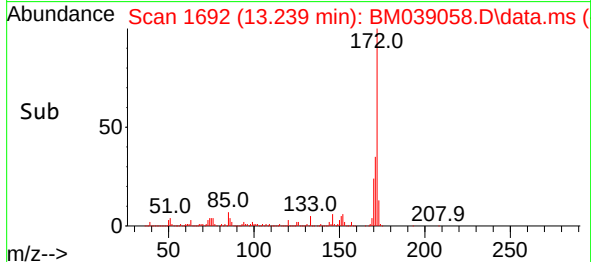
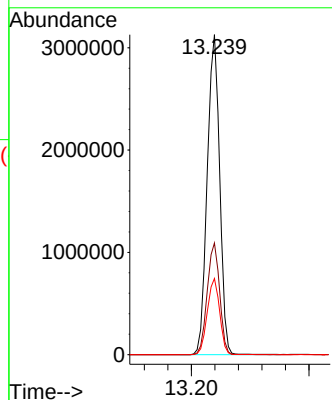
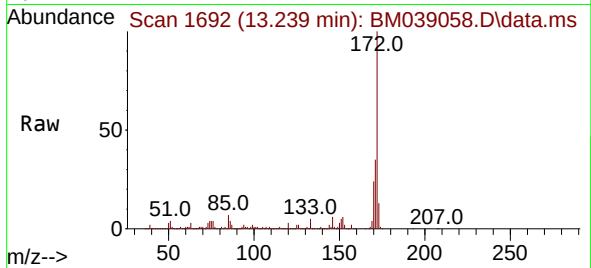




#45
2-Fluorobiphenyl
Concen: 96.073 ng
RT: 13.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

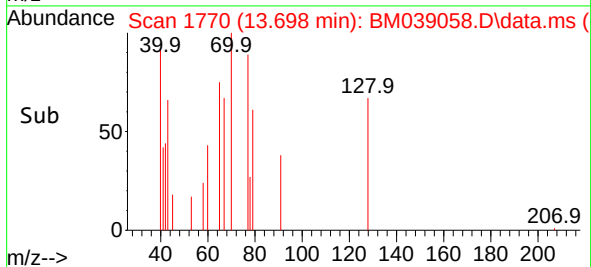
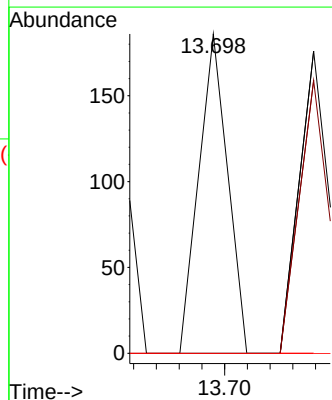
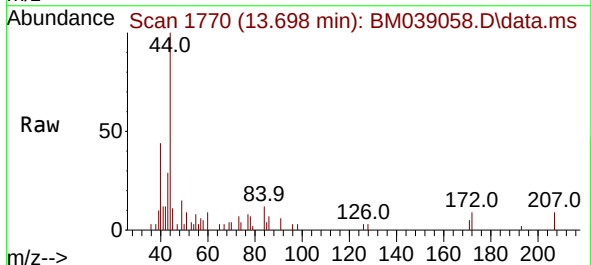
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

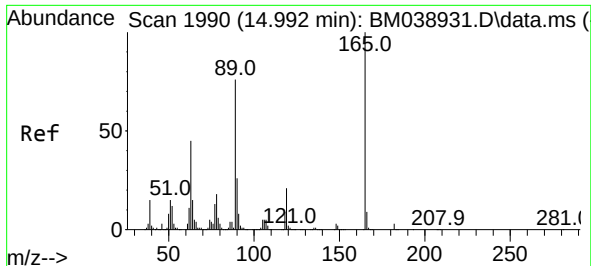
Tgt Ion:172 Resp: 4576872
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 2.220 ng
RT: 13.698 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

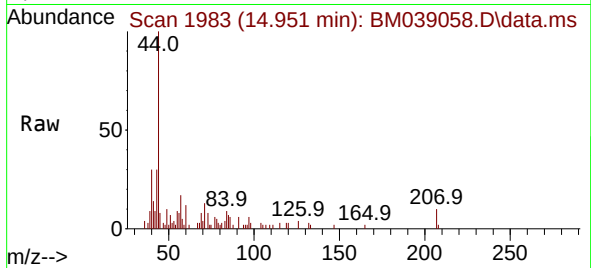
Tgt Ion: 65 Resp: 66
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



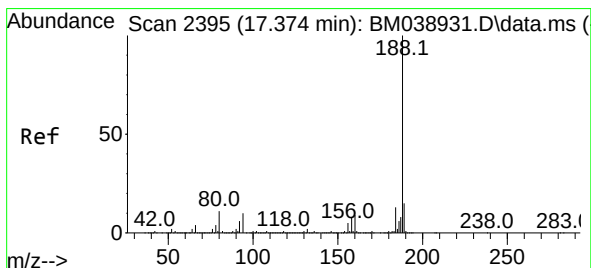
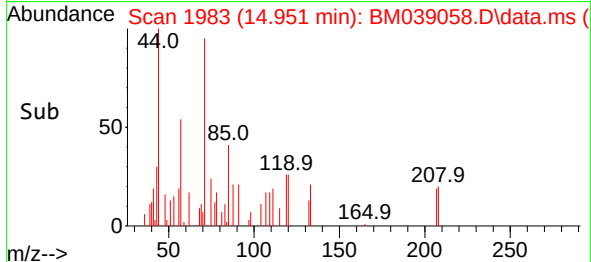
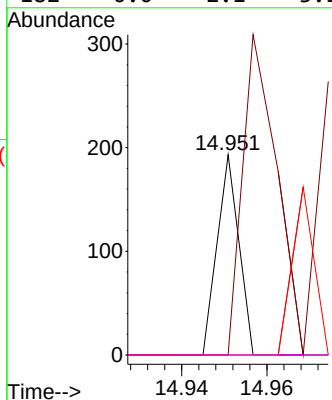


#57
2,4-Dinitrotoluene
Concen: 2.076 ng
RT: 14.951 min Scan# 1983
Delta R.T. -0.023 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

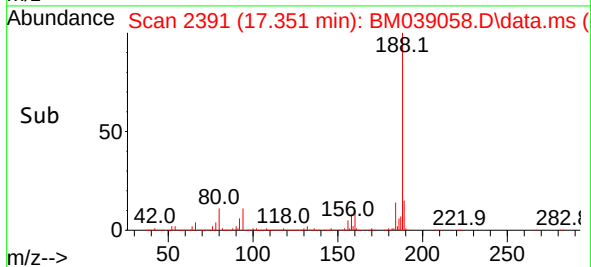
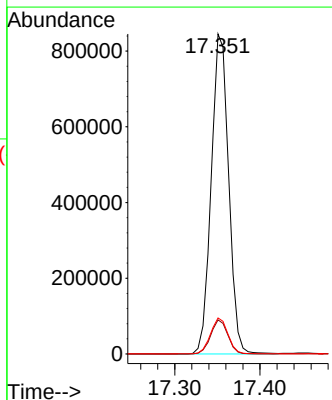
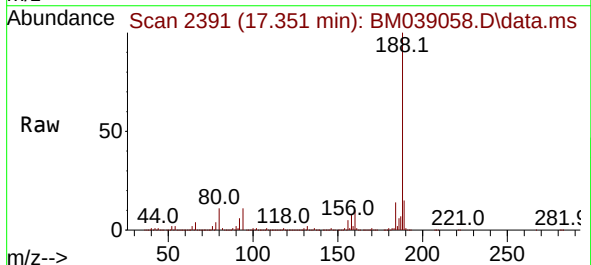


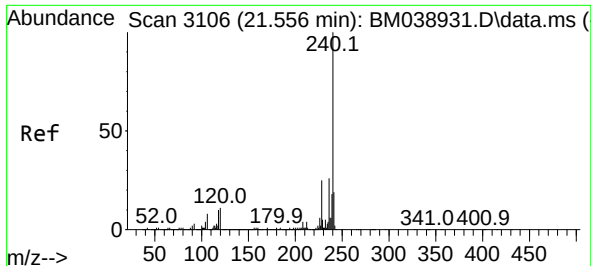
Tgt Ion:165 Resp: 68
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion:188 Resp: 1199724
Ion Ratio Lower Upper
188 100
94 10.7 7.9 11.9
80 11.2 8.5 12.7

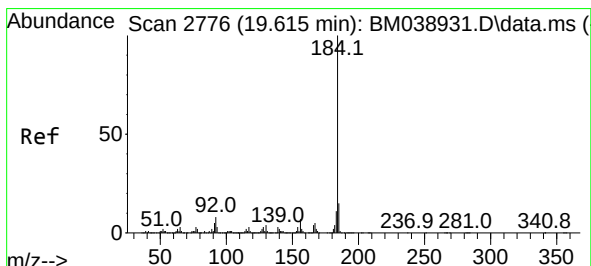
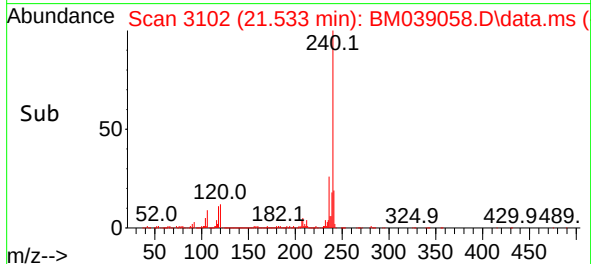
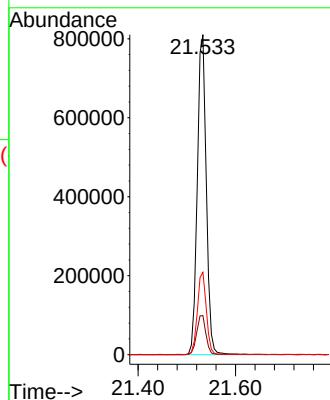
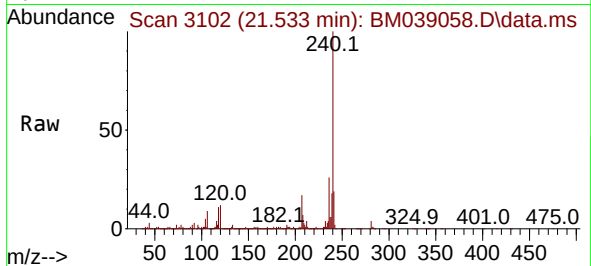




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

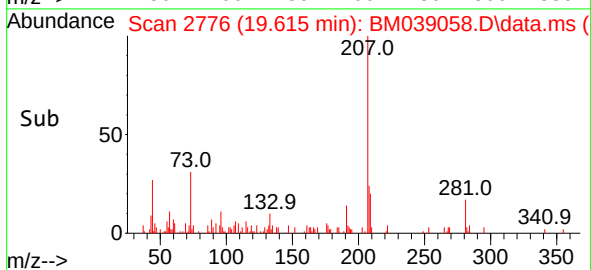
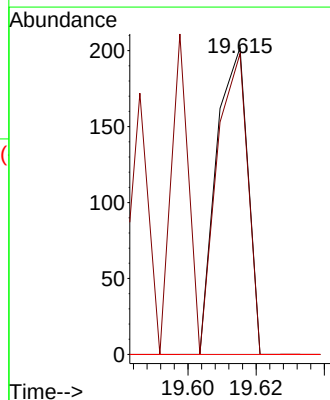
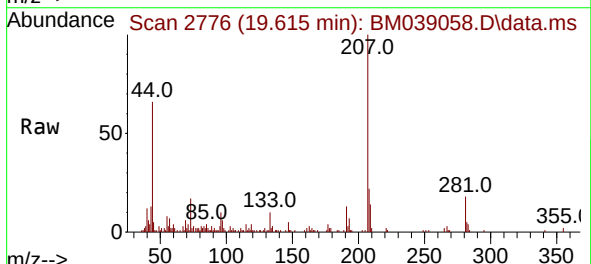
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

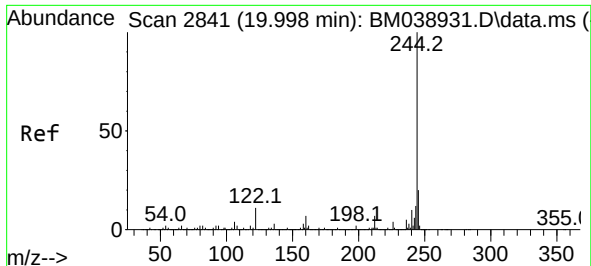
Tgt Ion:240 Resp: 1045287
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.7 20.8 31.2



#77
Benzidine
Concen: 4.881 ng
RT: 19.615 min Scan# 2776
Delta R.T. 0.018 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
185 98.0 12.2 18.4#
183 0.0 8.8 13.2#

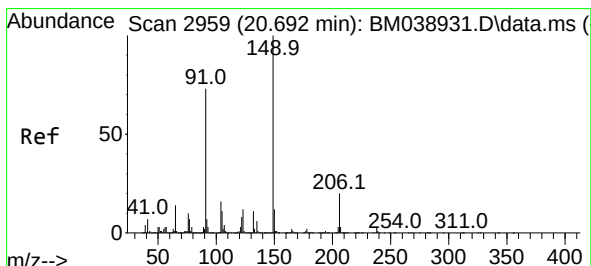
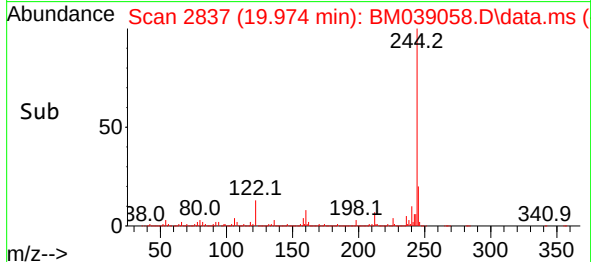
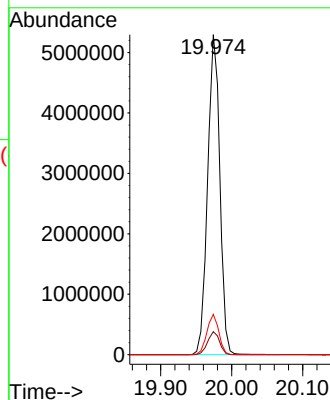
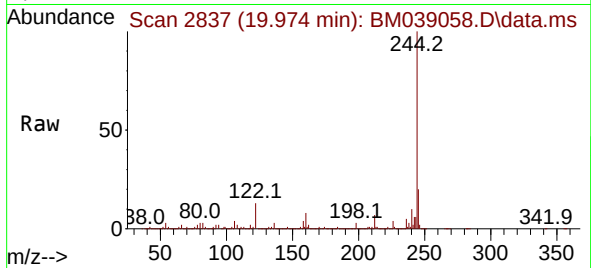




#79
 Terphenyl-d14
 Concen: 110.647 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039058.D
 Acq: 20 Mar 2023 23:42

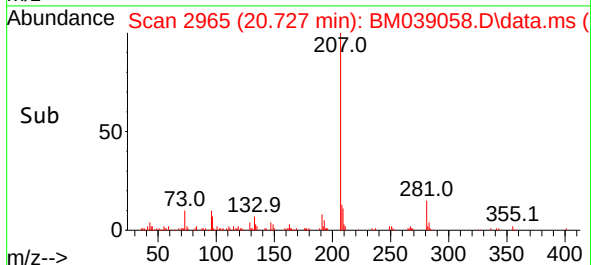
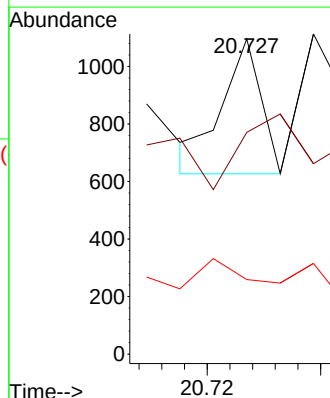
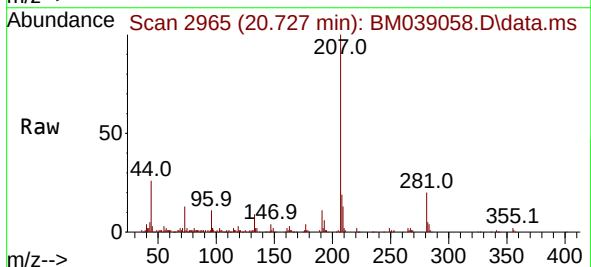
Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-6

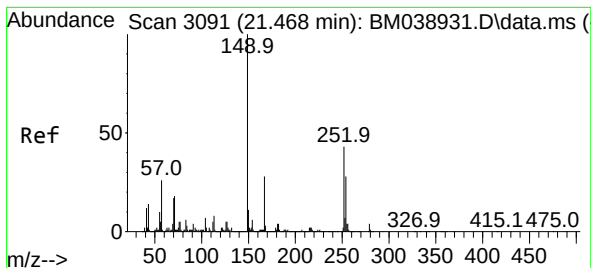
Tgt Ion:244 Resp: 6325845
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 12.6 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.322 ng
 RT: 20.727 min Scan# 2965
 Delta R.T. 0.053 min
 Lab File: BM039058.D
 Acq: 20 Mar 2023 23:42

Tgt Ion:149 Resp: 219
 Ion Ratio Lower Upper
 149 100
 91 70.3 58.4 87.6
 206 23.6 16.1 24.1

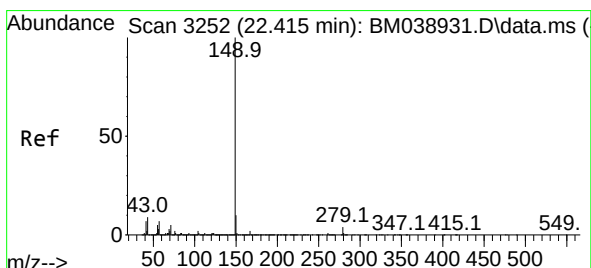
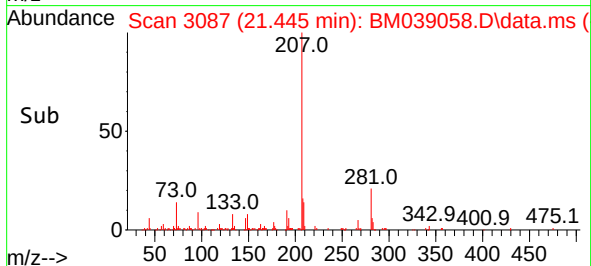
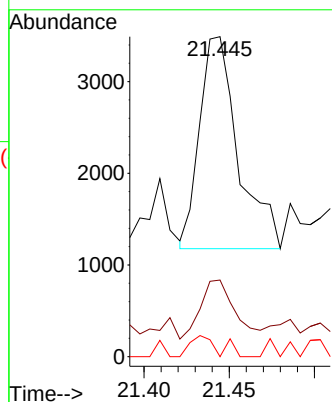
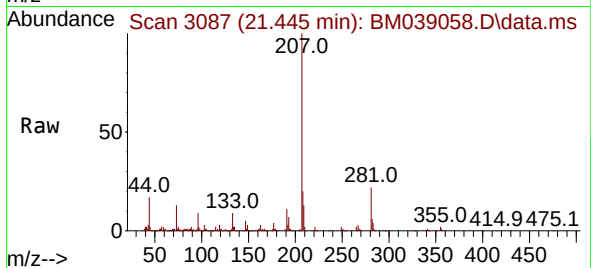




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.557 ng
RT: 21.445 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

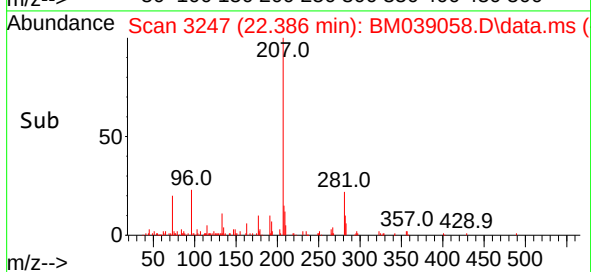
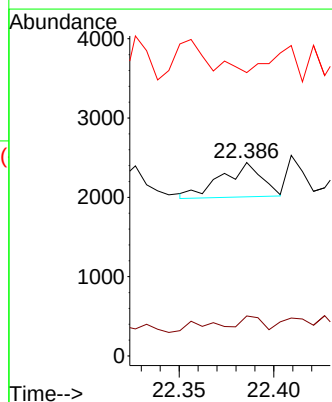
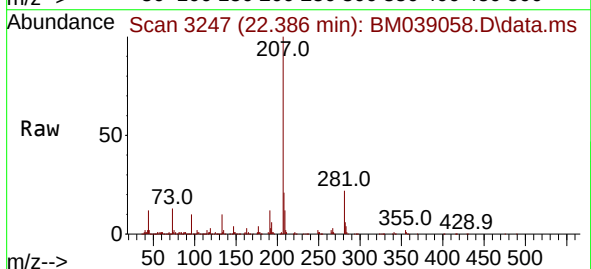
Instrument :
BNA_M
ClientSampleId :
MAPLE-6

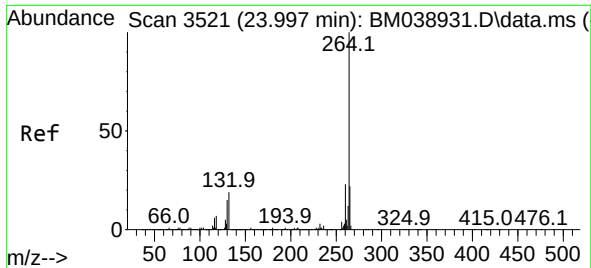
Tgt Ion:149 Resp: 3655
Ion Ratio Lower Upper
149 100
167 24.0 22.3 33.5
279 0.0 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.804 ng
RT: 22.386 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Tgt Ion:149 Resp: 640
Ion Ratio Lower Upper
149 100
167 18.1 1.2 1.8#
43 0.0 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039058.D
Acq: 20 Mar 2023 23:42

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

Tgt Ion:264 Resp: 1187557

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.0	17.9	26.9

