

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039056.D
 Acq On : 20 Mar 2023 22:26
 Operator : CG/JU
 Sample : 01964-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-4

Quant Time: Mar 21 01:52:07 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)

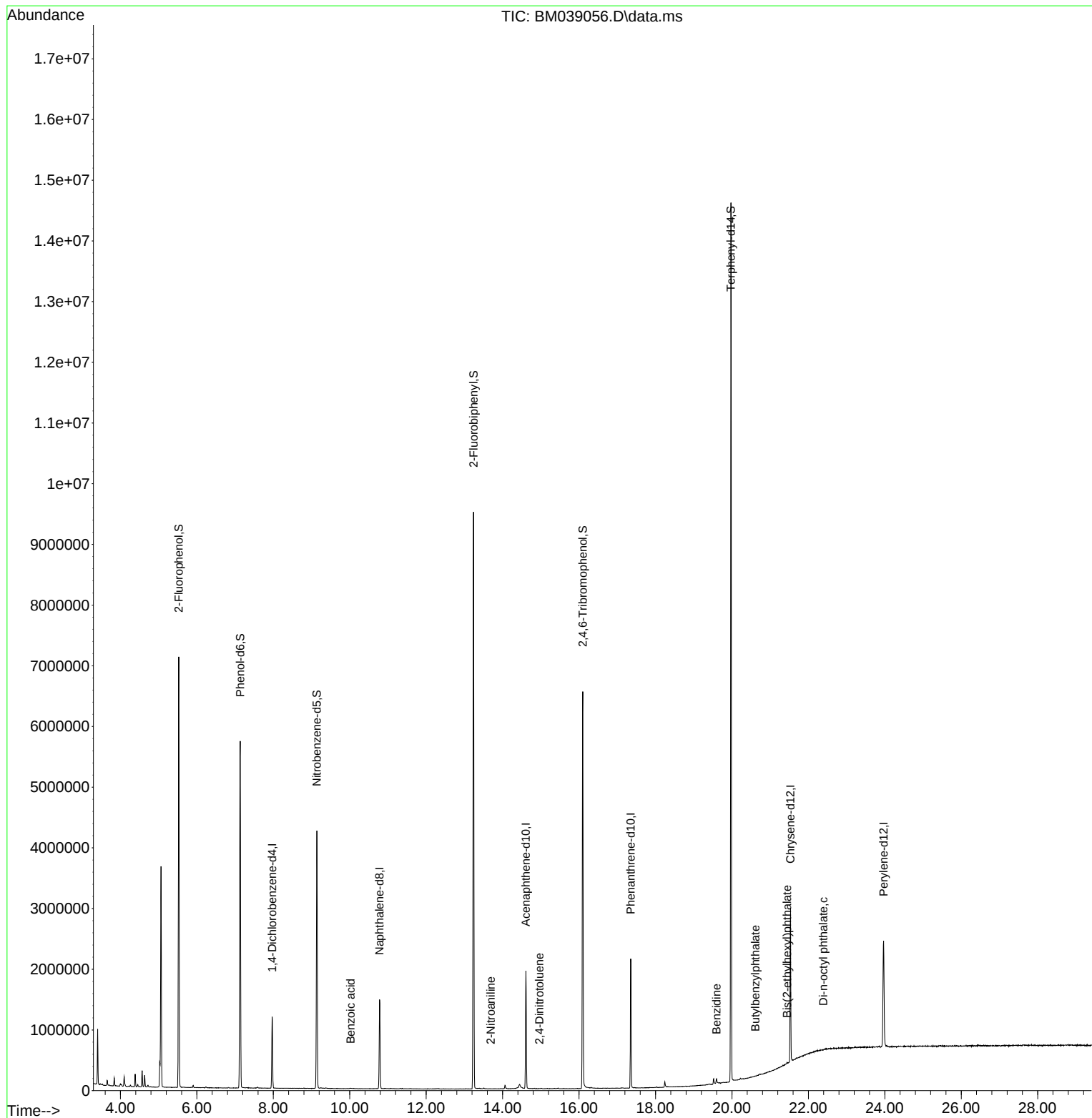
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	307116	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1156918	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	622036	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1219887	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1110357	20.000	ng	0.00
86) Perylene-d12	23.968	264	1271138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2940919	145.486	ng	0.00
7) Phenol-d6	7.134	99	3327721	126.739	ng	0.00
23) Nitrobenzene-d5	9.139	82	2403886	102.065	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1081825	150.338	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4626126	96.816	ng	0.00
79) Terphenyl-d14	19.974	244	6567662	108.144	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.022	122	3187	5.935	ng	94
48) 2-Nitroaniline	13.692	65	551	2.257	ng	# 6
57) 2,4-Dinitrotoluene	14.963	165	53	2.075	ng	# 11
77) Benzidine	19.598	184	54131	6.798	ng	96
80) Butylbenzylphthalate	20.615	149	393	3.326	ng	86
84) Bis(2-ethylhexyl)phtha...	21.445	149	4502	2.568	ng	# 93
85) Di-n-octyl phthalate	22.392	149	1131	3.809	ng	# 1

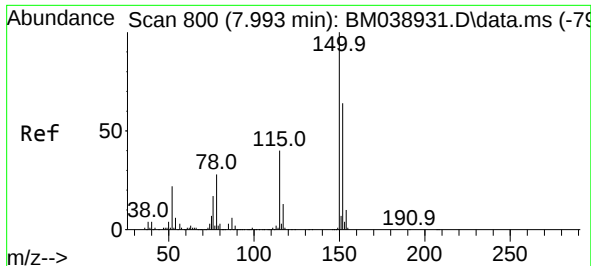
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 17 05:25:34 2023
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BM039056.D
 Acq: 20 Mar 2023 22:26

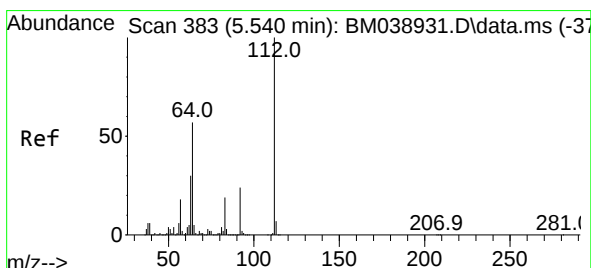
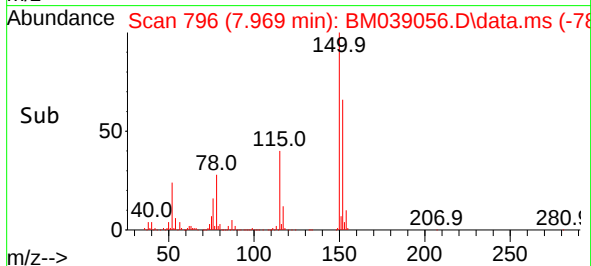
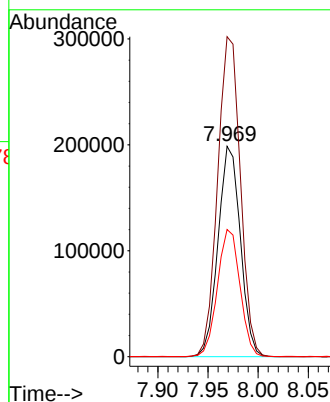
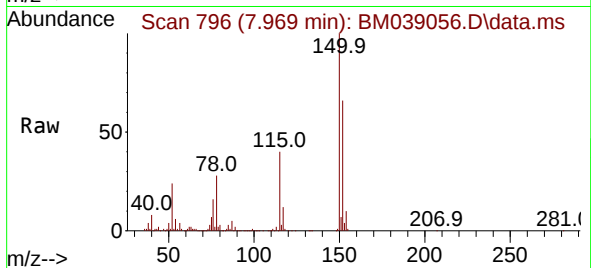
Instrument :

BNA_M

ClientSampleId :

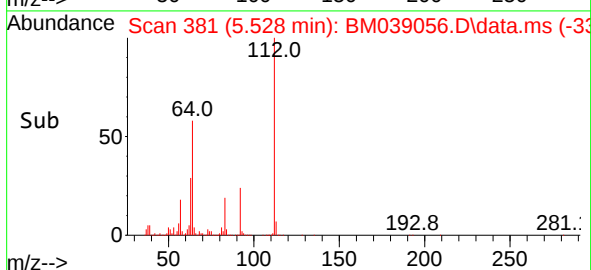
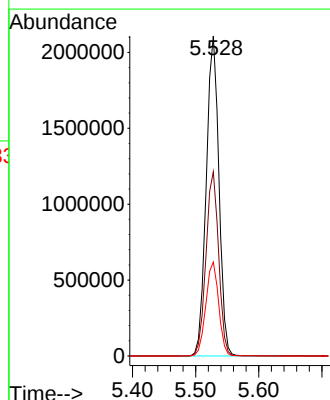
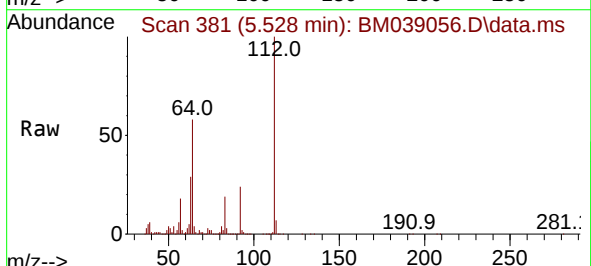
MAPLE-4

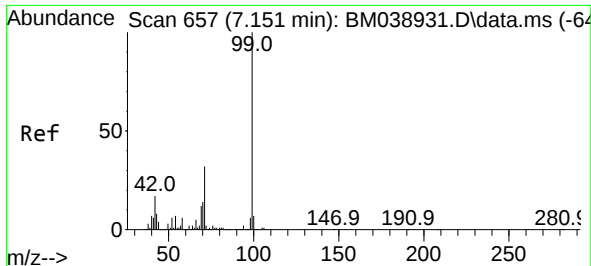
Tgt Ion:152 Resp: 307116
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.1 187.7
 115 60.5 49.6 74.4



#5
 2-Fluorophenol
 Concen: 145.486 ng
 RT: 5.528 min Scan# 381
 Delta R.T. 0.000 min
 Lab File: BM039056.D
 Acq: 20 Mar 2023 22:26

Tgt Ion:112 Resp: 2940919
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.9 68.9
 63 29.4 23.8 35.8



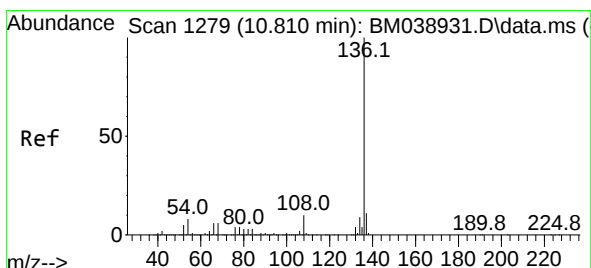
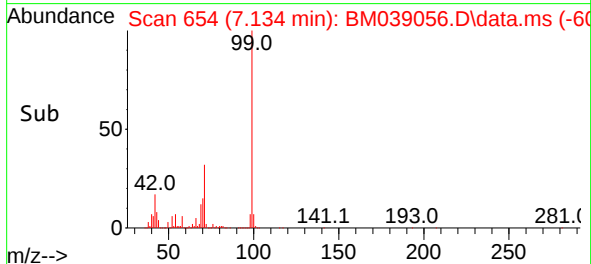
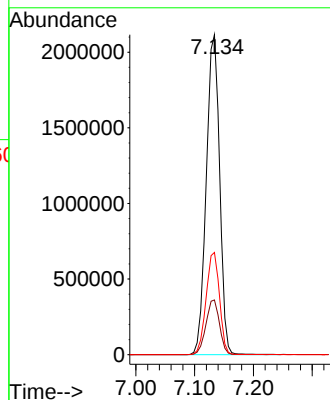
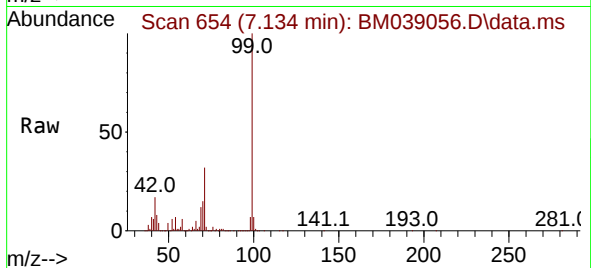


#7
Phenol-d6
Concen: 126.739 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Instrument :
BNA_M
ClientSampleId :
MAPLE-4

Tgt Ion: 99 Resp: 3327721

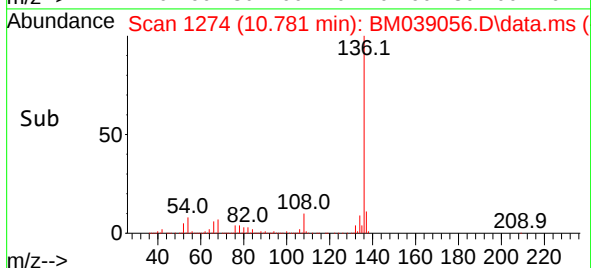
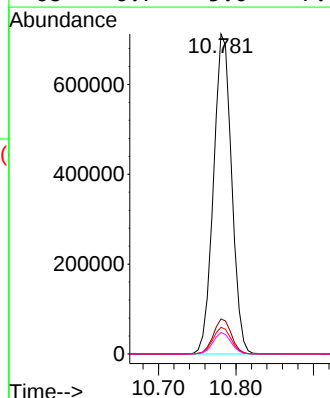
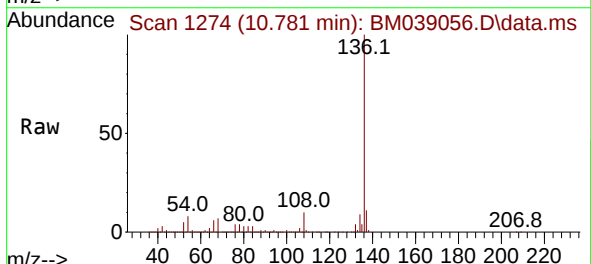
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	31.9	25.6	38.4

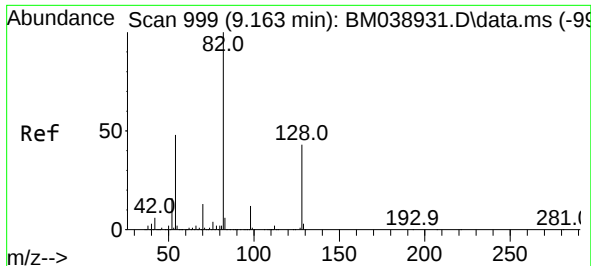


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion: 136 Resp: 1156918

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.3	6.3	9.5
68	6.7	5.0	7.6

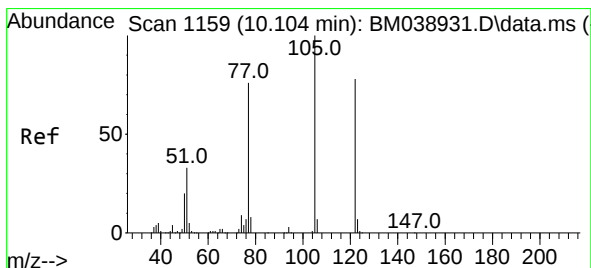
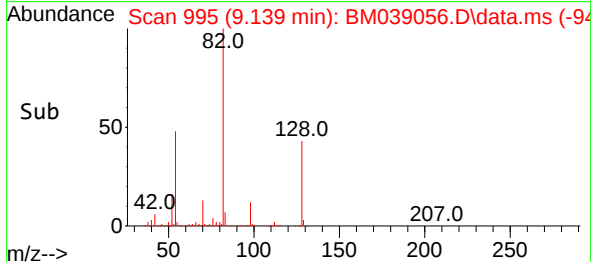
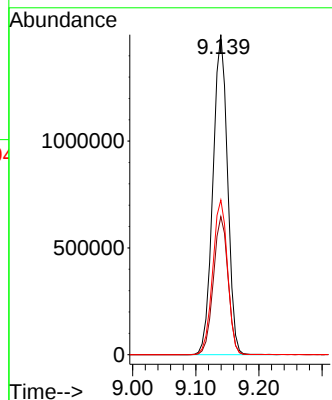
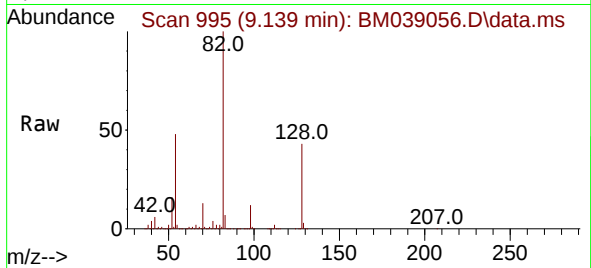




#23
Nitrobenzene-d5
Concen: 102.065 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

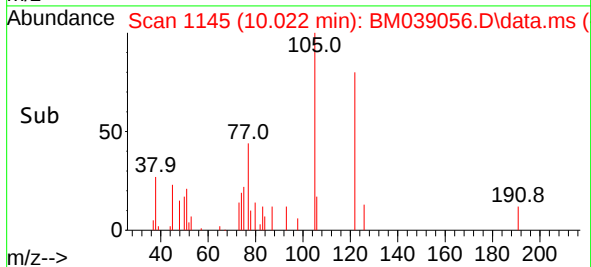
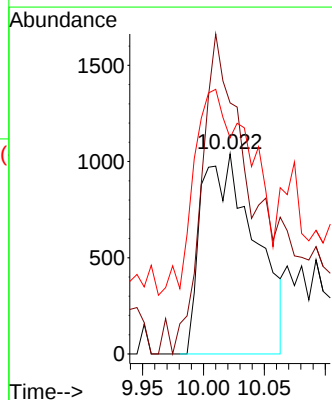
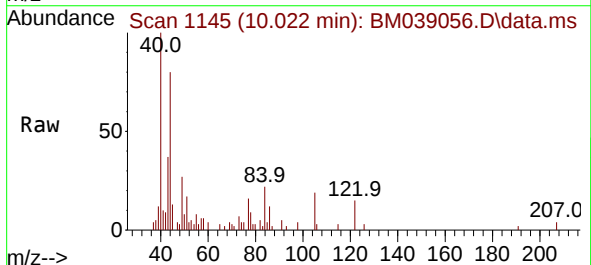
Instrument :
BNA_M
ClientSampleId :
MAPLE-4

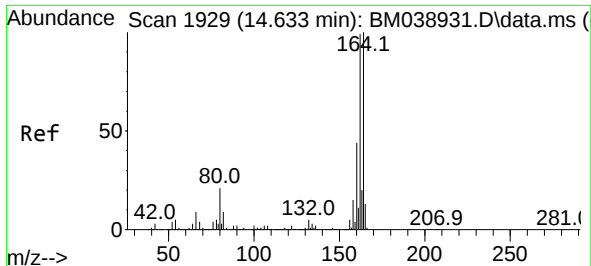
Tgt Ion: 82 Resp: 2403886
Ion Ratio Lower Upper
82 100
128 43.2 34.4 51.6
54 48.4 38.8 58.2



#32
Benzoic acid
Concen: 5.935 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.076 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion: 122 Resp: 3187
Ion Ratio Lower Upper
122 100
105 125.5 104.2 144.2
77 108.0 75.1 115.1

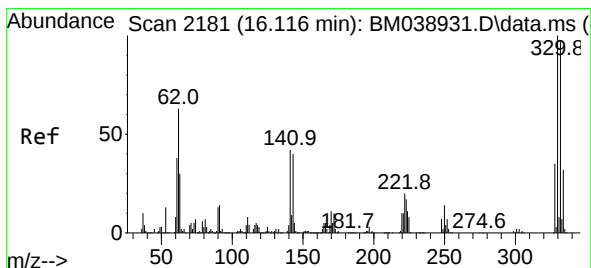
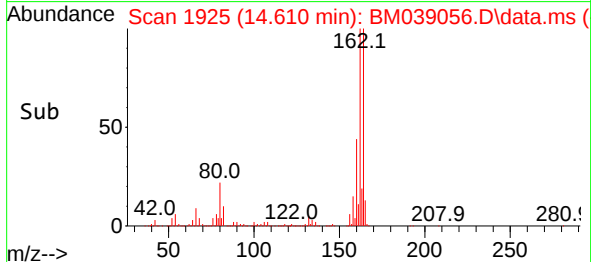
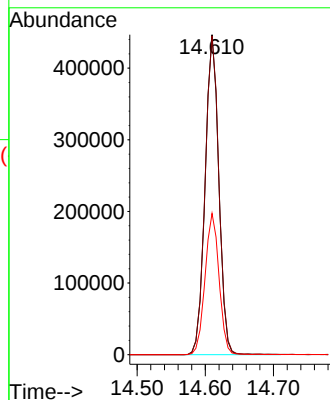
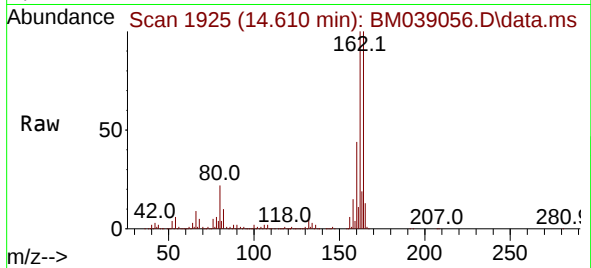




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

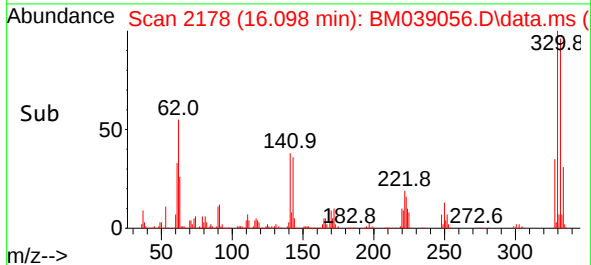
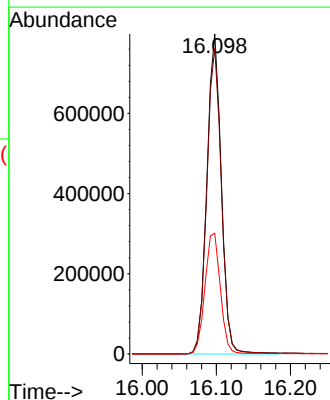
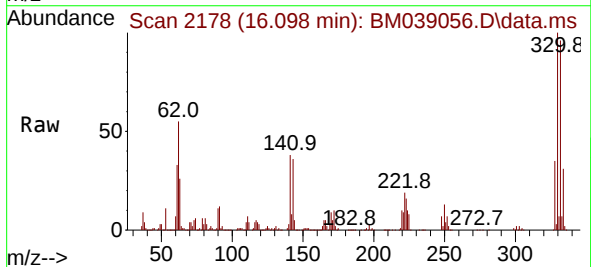
Instrument :
BNA_M
ClientSampleId :
MAPLE-4

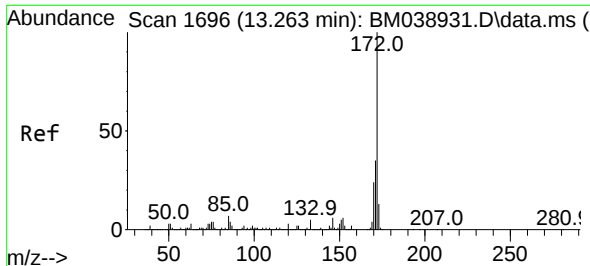
Tgt Ion:164 Resp: 622036
Ion Ratio Lower Upper
164 100
162 99.6 79.2 118.8
160 44.2 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 150.338 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion:330 Resp: 1081825
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 40.6 32.2 48.4

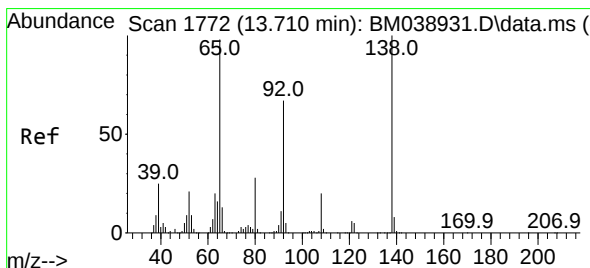
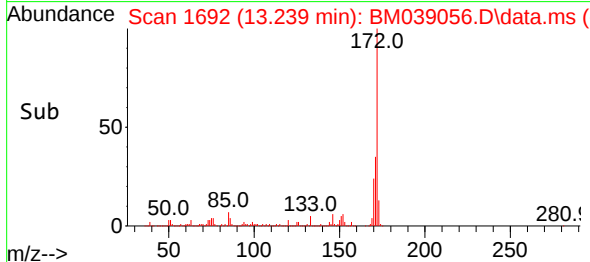
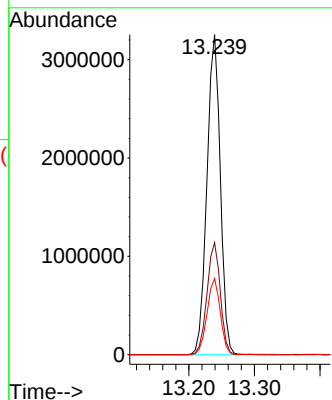
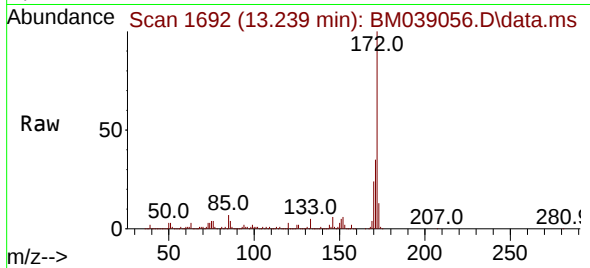




#45
2-Fluorobiphenyl
Concen: 96.816 ng
RT: 13.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

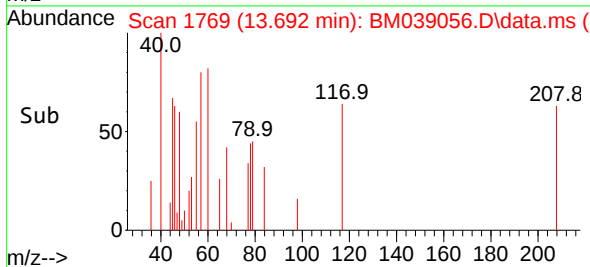
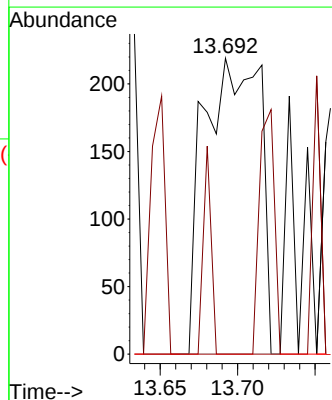
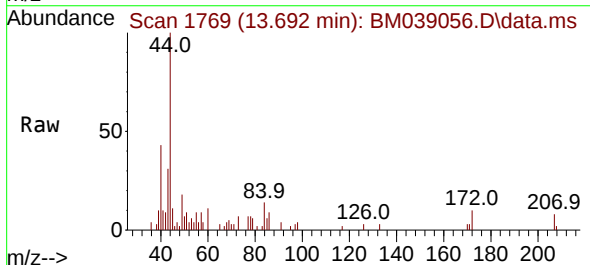
Instrument :
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ClientSampleId :
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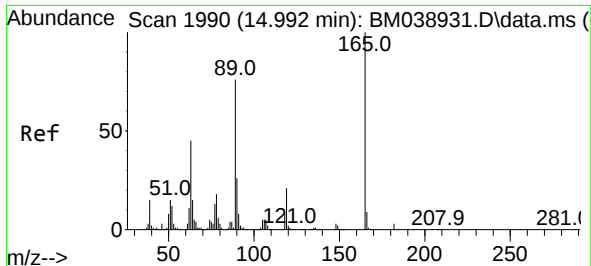
Tgt Ion:172 Resp: 4626126
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 2.257 ng
RT: 13.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion: 65 Resp: 551
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#

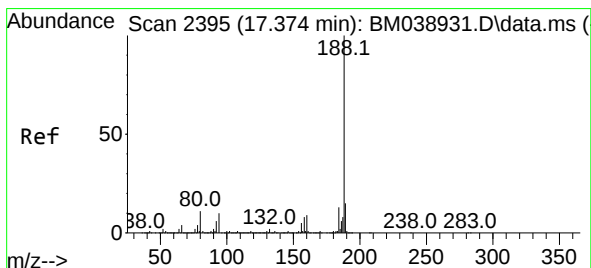
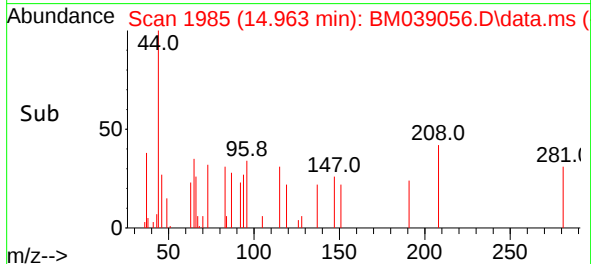
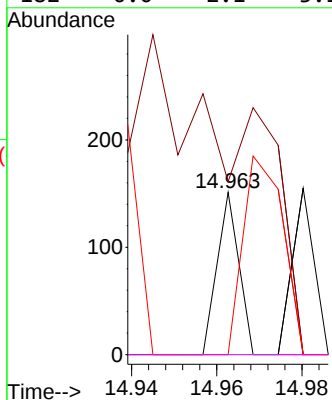
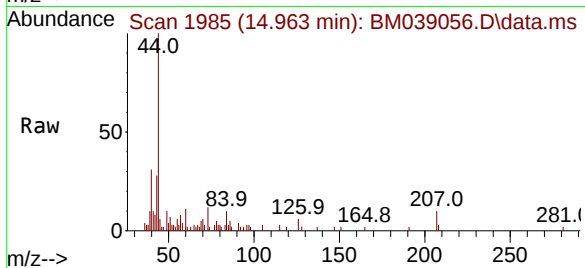




#57
2,4-Dinitrotoluene
Concen: 2.075 ng
RT: 14.963 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

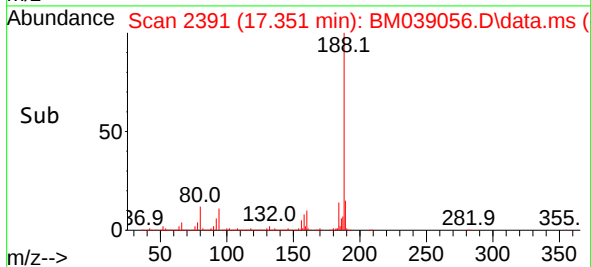
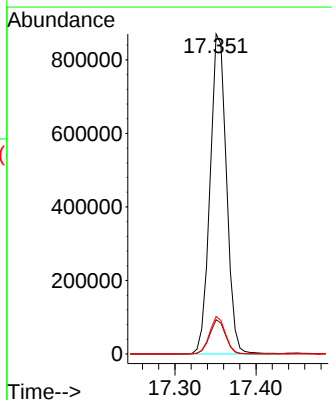
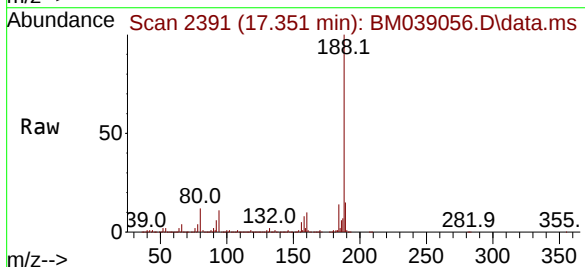
Instrument :
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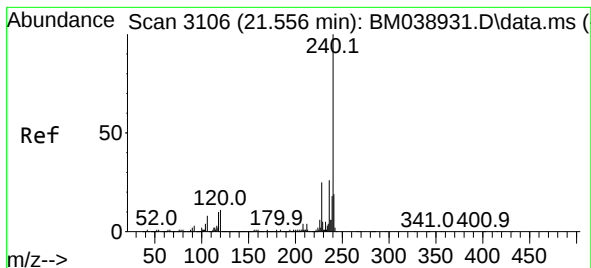
Tgt Ion:165	Resp:	53
Ion	Ratio	Lower Upper
165	100	
63	106.6	35.9 53.9#
89	0.0	61.0 91.6#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BM039056.D
Acq: 20 Mar 2023 22:26

Tgt Ion:188	Resp:	1219887
Ion	Ratio	Lower Upper
188	100	
94	10.7	7.9 11.9
80	11.7	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: BM039056.D

Acq: 20 Mar 2023 22:26

Instrument :

BNA_M

ClientSampleId :

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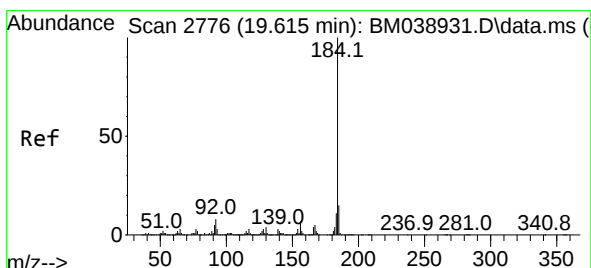
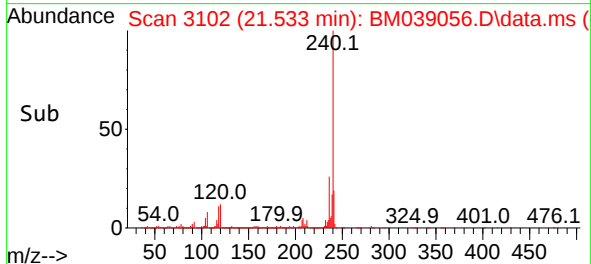
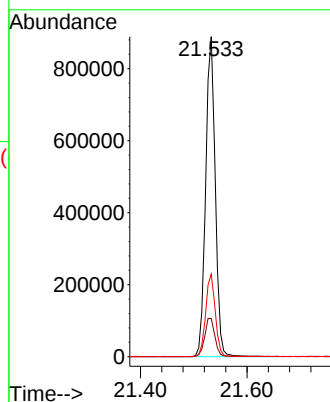
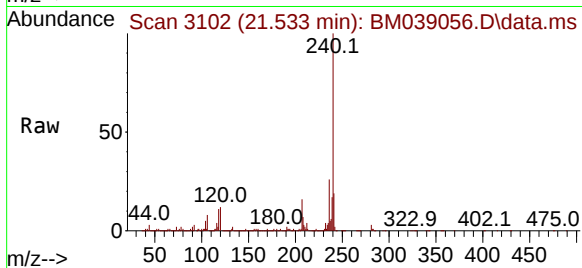
Tgt Ion:240 Resp: 1110357

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.8 20.8 31.2



#77

Benzidine

Concen: 6.798 ng

RT: 19.598 min Scan# 2773

Delta R.T. 0.000 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

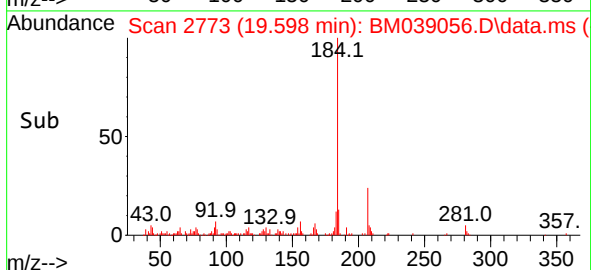
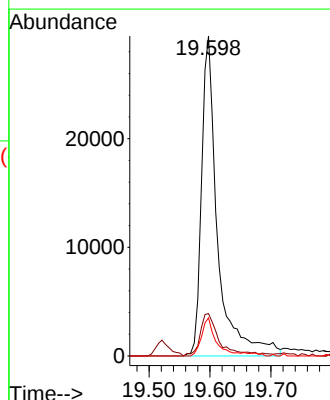
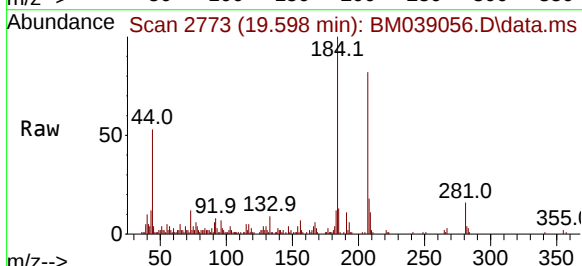
Tgt Ion:184 Resp: 54131

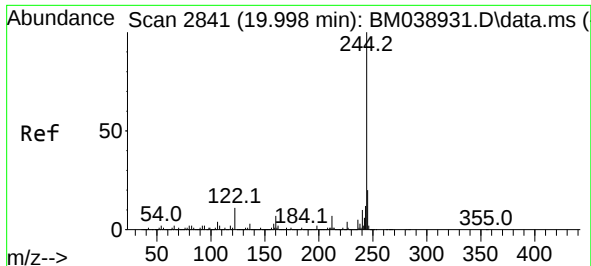
Ion Ratio Lower Upper

184 100

185 13.2 12.2 18.4

183 11.9 8.8 13.2

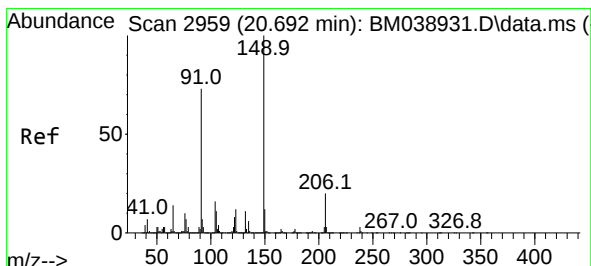
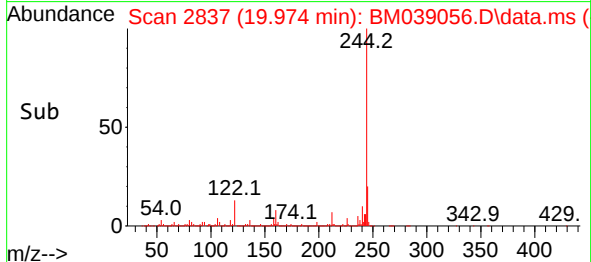
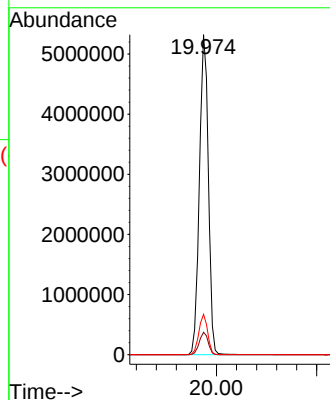
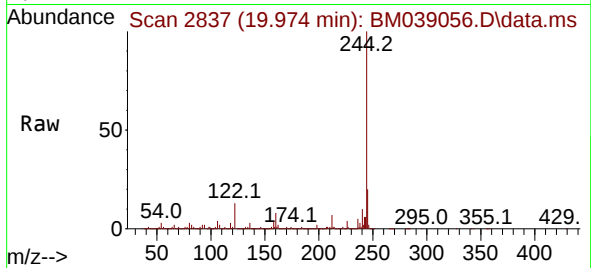




#79
 Terphenyl-d14
 Concen: 108.144 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039056.D
 Acq: 20 Mar 2023 22:26

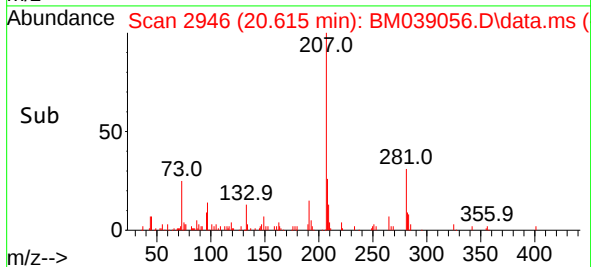
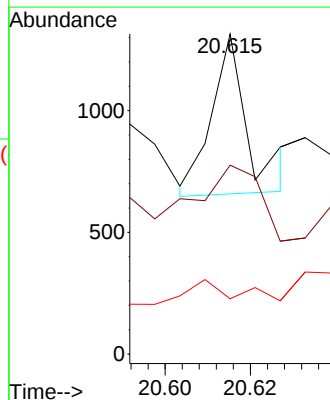
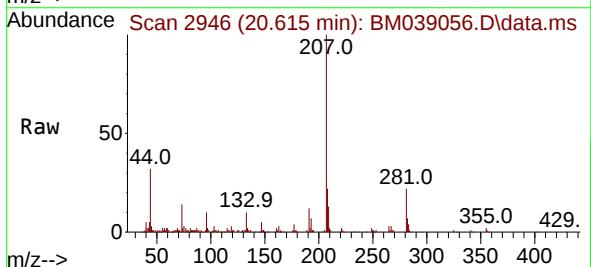
Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-4

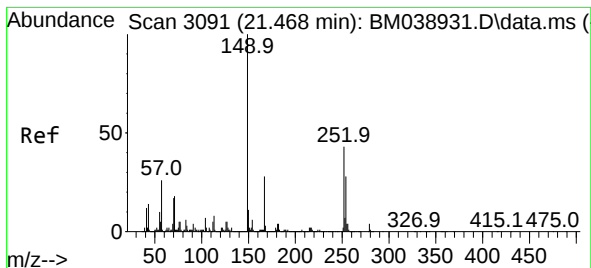
Tgt Ion:244 Resp: 6567662
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 12.6 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.326 ng
 RT: 20.615 min Scan# 2946
 Delta R.T. -0.059 min
 Lab File: BM039056.D
 Acq: 20 Mar 2023 22:26

Tgt Ion:149 Resp: 393
 Ion Ratio Lower Upper
 149 100
 91 59.0 58.4 87.6
 206 17.3 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.568 ng

RT: 21.445 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

Instrument :

BNA_M

ClientSampleId :

MAPLE-4

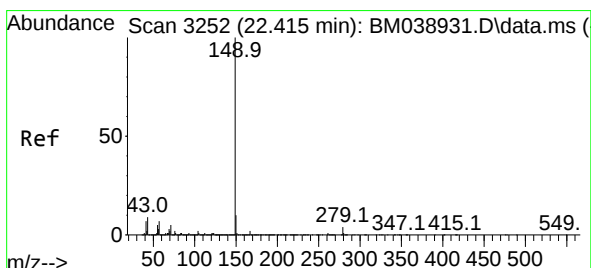
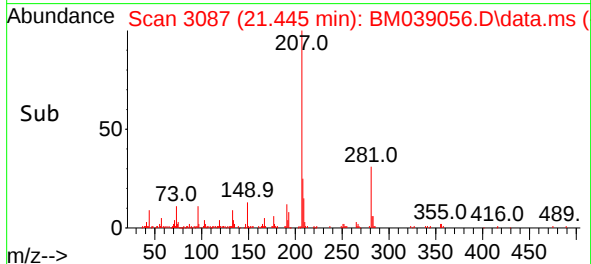
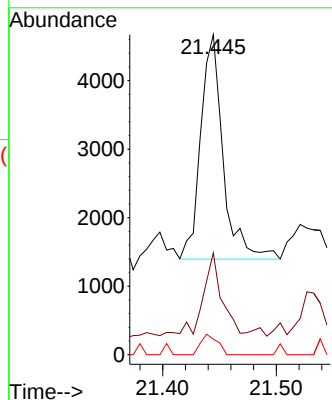
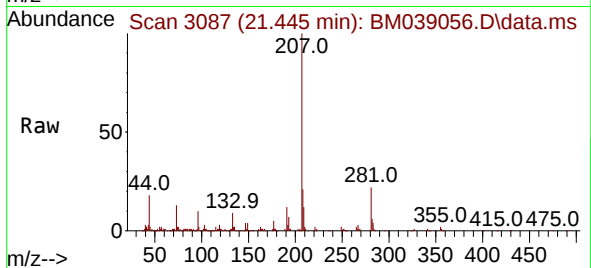
Tgt Ion:149 Resp: 4502

Ion Ratio Lower Upper

149 100

167 31.8 22.3 33.5

279 4.9 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.809 ng

RT: 22.392 min Scan# 3248

Delta R.T. 0.000 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

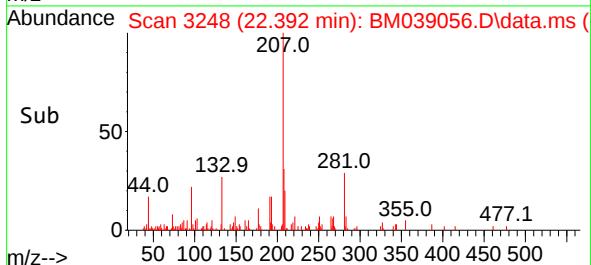
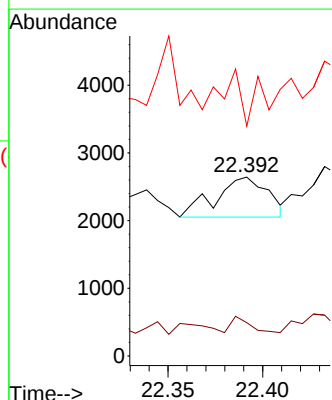
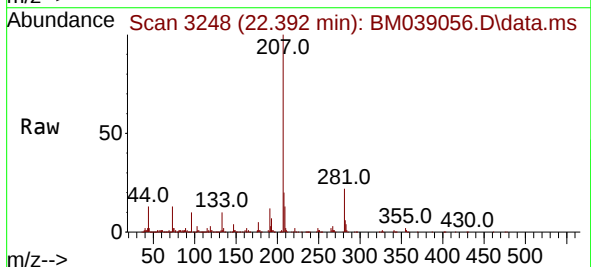
Tgt Ion:149 Resp: 1131

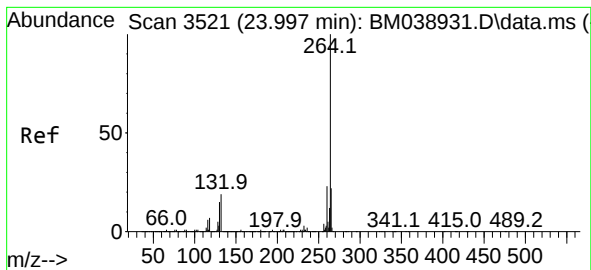
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 82.2 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM039056.D

Acq: 20 Mar 2023 22:26

Instrument :

BNA_M

ClientSampleId :

MAPLE-4

Tgt Ion:264 Resp: 1271138

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.1 17.9 26.9

