

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039147.D
 Acq On : 24 Mar 2023 18:29
 Operator : CG/JU
 Sample : 01945-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC1-20230322

Quant Time: Mar 25 01:07:13 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 24 15:04:20 2023
 Response via : Initial Calibration

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

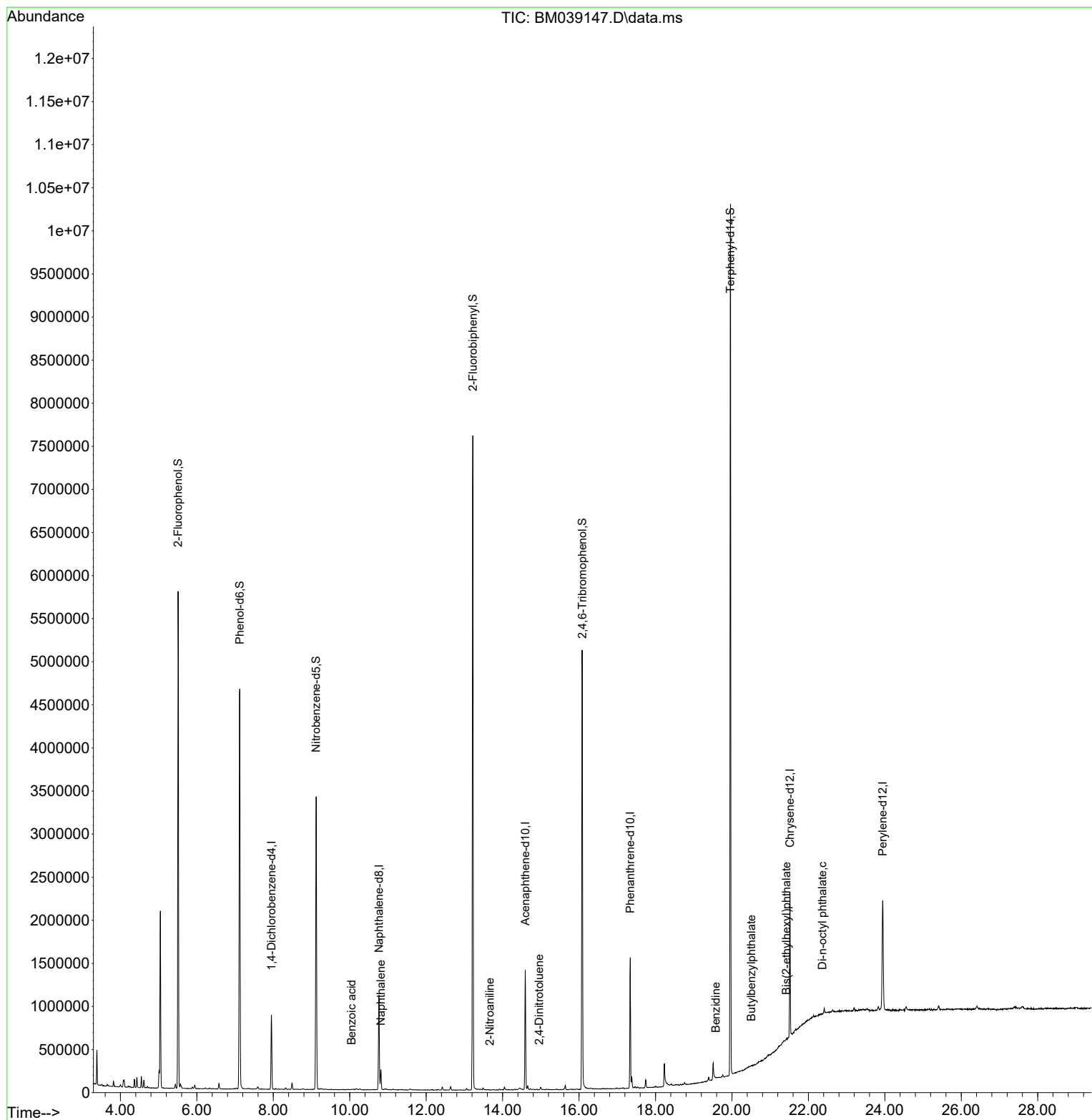
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	224417	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	853781	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	455366	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	858919	20.000	ng	0.00
76) Chrysene-d12	21.515	240	766111	20.000	ng	-0.01
86) Perylene-d12	23.944	264	948593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2431879	164.637	ng	0.00
7) Phenol-d6	7.122	99	2835645	147.795	ng	0.00
23) Nitrobenzene-d5	9.122	82	1924497	110.723	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	930837	176.701	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	3738525	106.877	ng	0.00
79) Terphenyl-d14	19.962	244	4830243	115.274	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.816	128	188453	3.871	ng	99
32) Benzoic acid	10.045	122	1377	5.851	ng	# 67
48) 2-Nitroaniline	13.668	65	222	2.238	ng	# 39
57) 2,4-Dinitrotoluene	14.957	165	410	2.110	ng	# 63
77) Benzidine	19.580	184	111	4.882	ng	# 1
80) Butylbenzylphthalate	20.509	149	343	3.329	ng	88
84) Bis(2-ethylhexyl)phtha...	21.427	149	4138	2.596	ng	# 94
85) Di-n-octyl phthalate	22.368	149	1940	3.827	ng	# 1

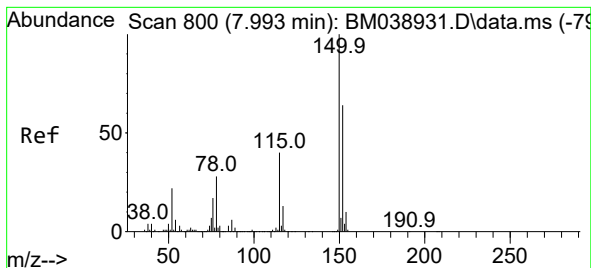
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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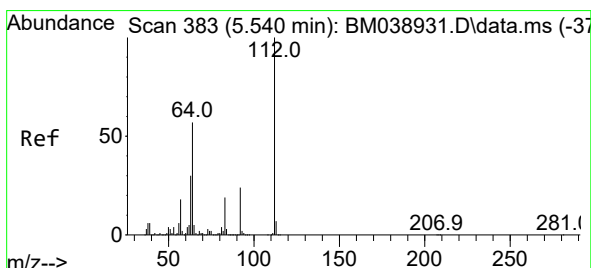
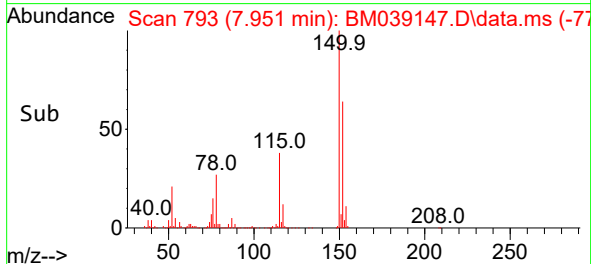
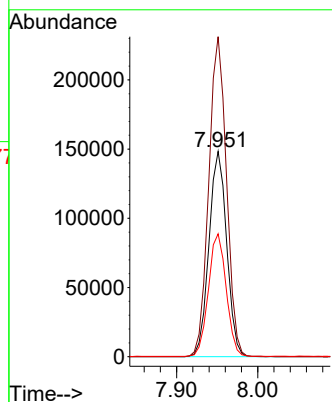
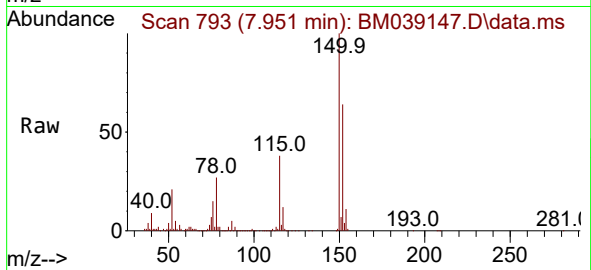




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.951 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM039147.D
 Acq: 24 Mar 2023 18:29

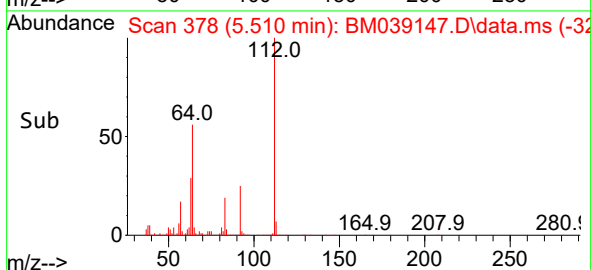
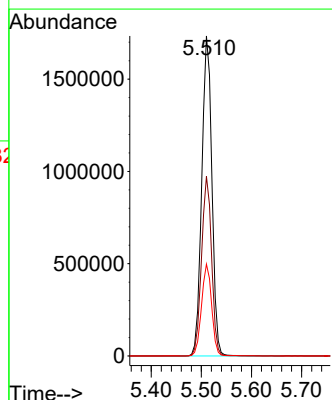
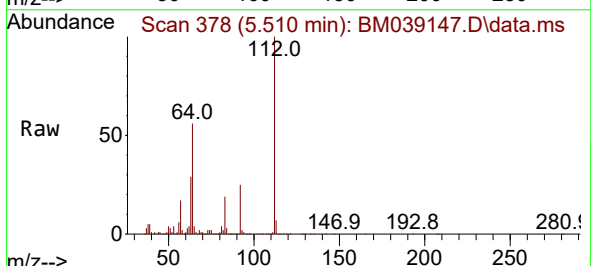
Instrument :
 BNA_M
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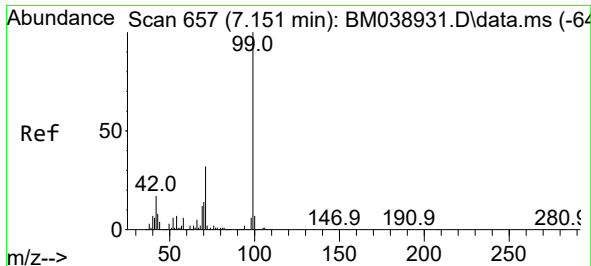
Tgt Ion:152 Resp: 224417
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.1 187.7
 115 59.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 164.637 ng
 RT: 5.510 min Scan# 378
 Delta R.T. 0.006 min
 Lab File: BM039147.D
 Acq: 24 Mar 2023 18:29

Tgt Ion:112 Resp: 2431879
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.9 68.9
 63 28.7 23.8 35.8

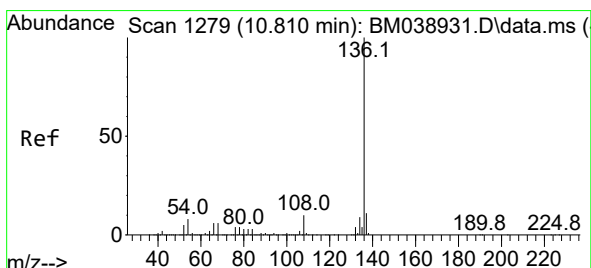
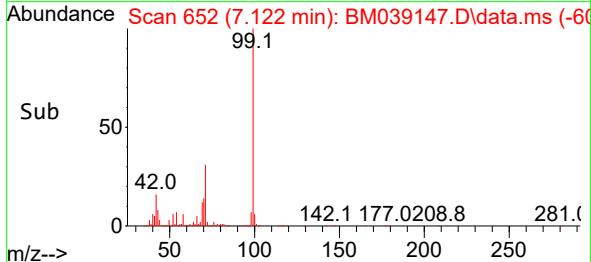
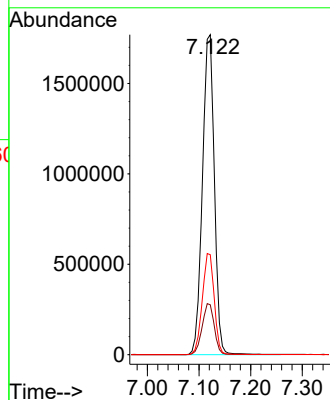
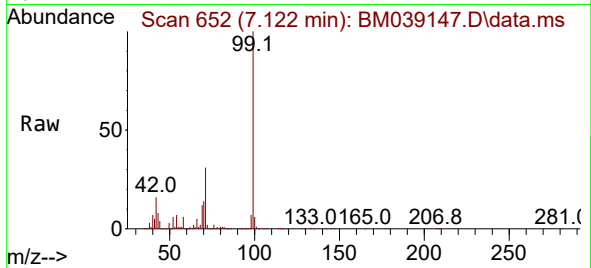




#7
Phenol-d6
Concen: 147.795 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

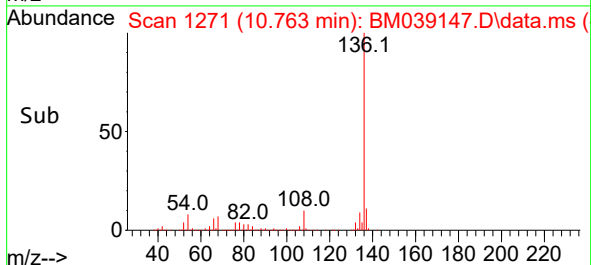
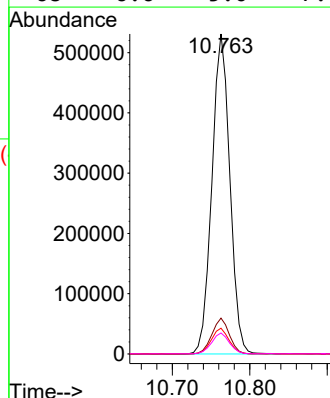
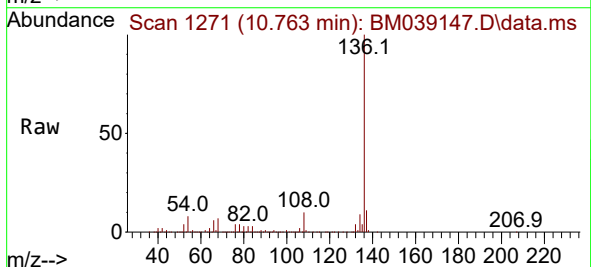
Instrument :
BNA_M
ClientSampleId :
WC1-20230322

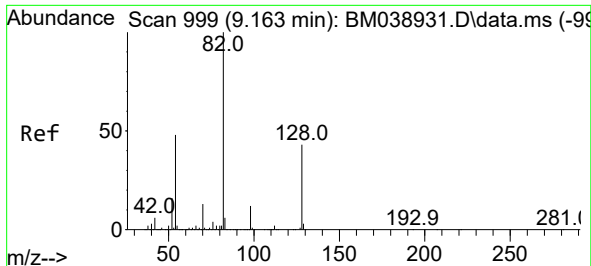
Tgt Ion: 99 Resp: 2835645
Ion Ratio Lower Upper
99 100
42 15.6 13.5 20.3
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion: 136 Resp: 853781
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 6.3 9.5
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 110.723 ng

RT: 9.122 min Scan# 999

Delta R.T. -0.000 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Instrument :

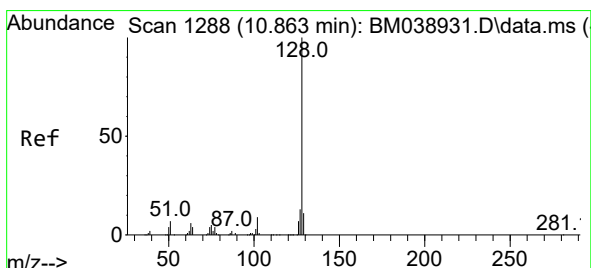
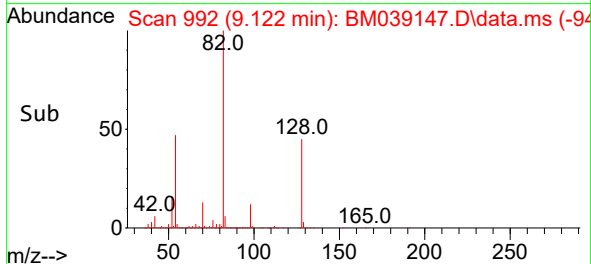
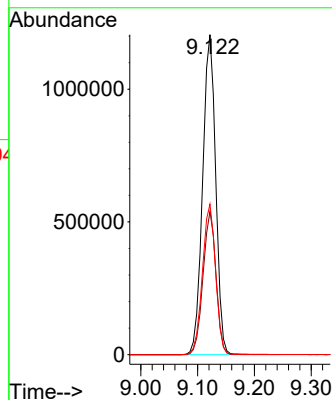
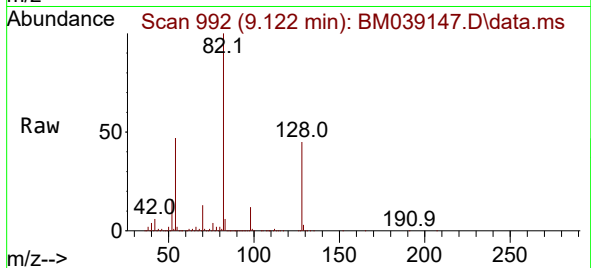
BNA_M

ClientSampleId :

WC1-20230322

Tgt Ion: 82 Resp: 1924497

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.4	51.6
54	47.1	38.8	58.2



#31

Naphthalene

Concen: 3.871 ng

RT: 10.816 min Scan# 1280

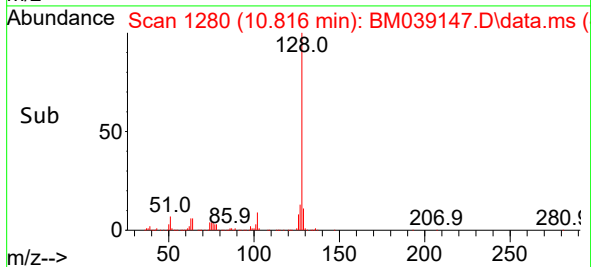
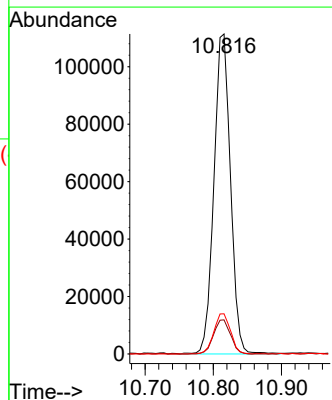
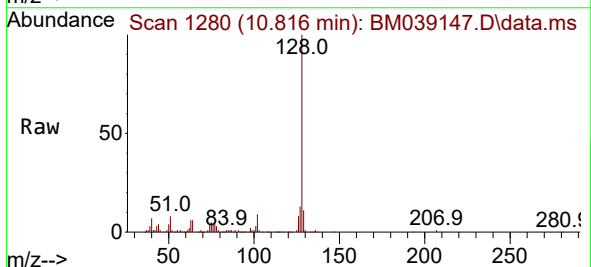
Delta R.T. -0.000 min

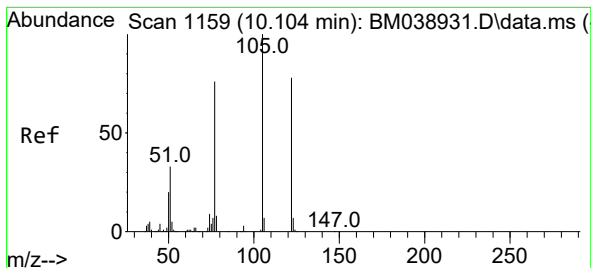
Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Tgt Ion: 128 Resp: 188453

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.5	10.2	15.4





#32

Benzoic acid

Concen: 5.851 ng

RT: 10.045 min Scan# 1159

Delta R.T. -0.047 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Instrument :

BNA_M

ClientSampleId :

WC1-20230322

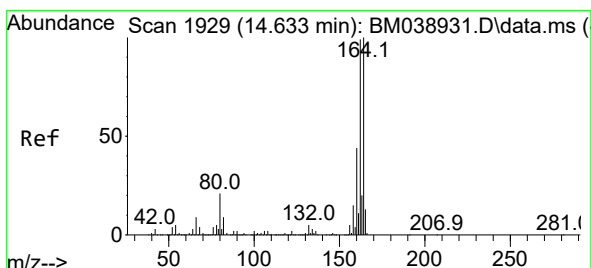
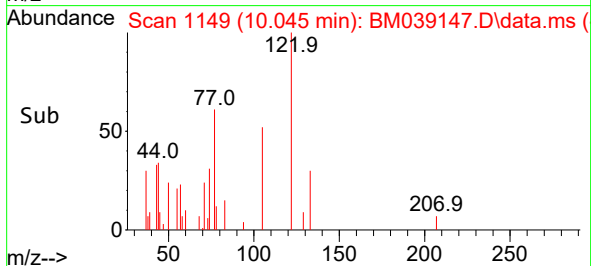
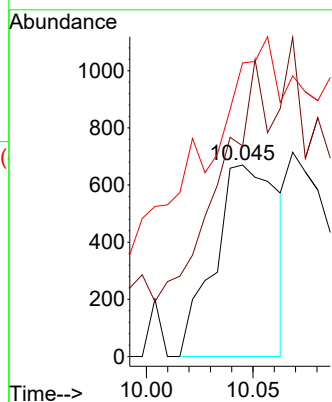
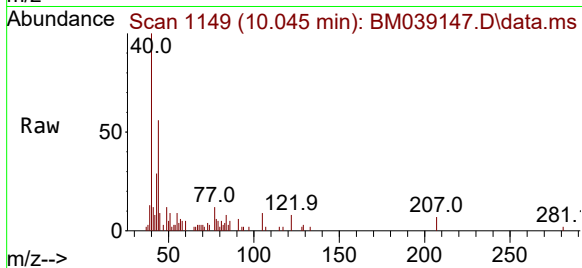
Tgt Ion:122 Resp: 1377

Ion Ratio Lower Upper

122 100

105 110.0 104.2 144.2

77 153.3 75.1 115.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

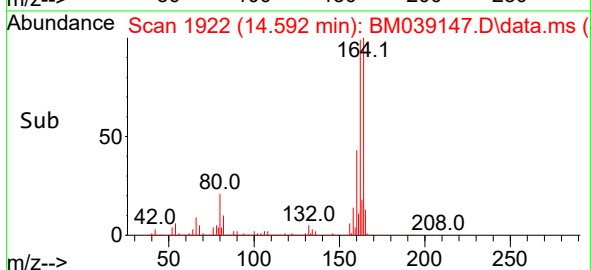
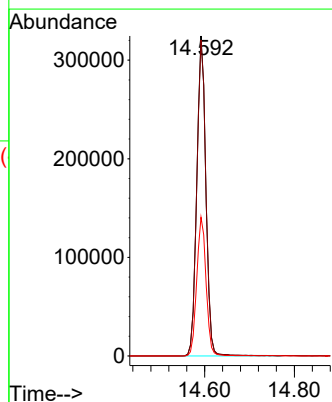
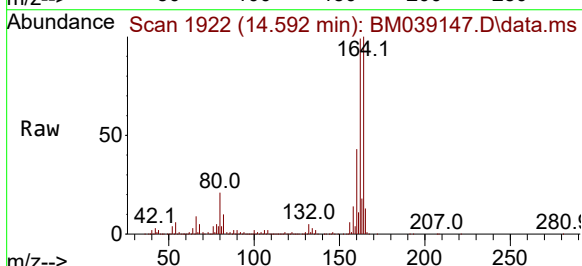
Tgt Ion:164 Resp: 455366

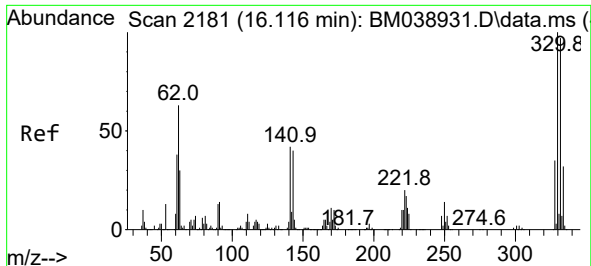
Ion Ratio Lower Upper

164 100

162 98.8 79.2 118.8

160 43.3 35.5 53.3

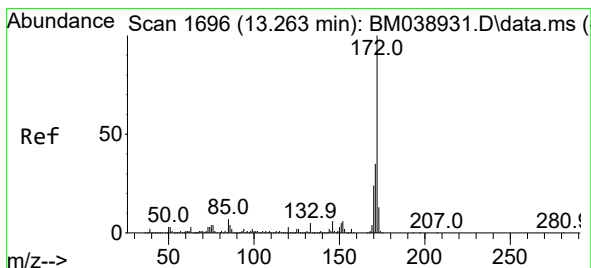
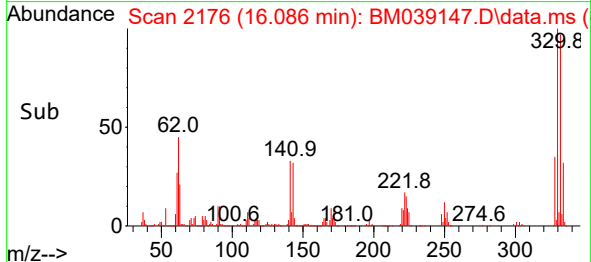
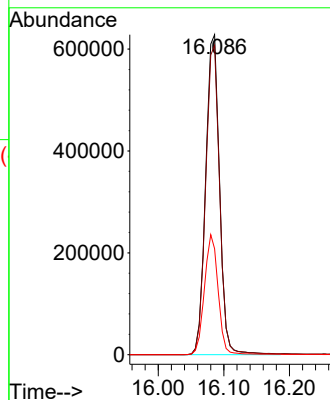
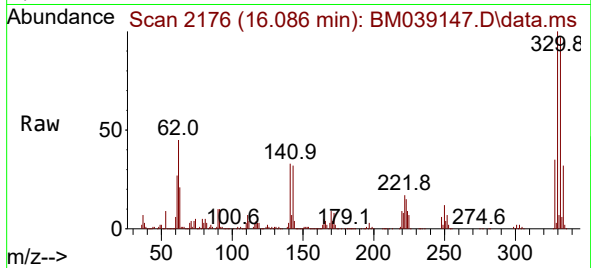




#42
2,4,6-Tribromophenol
Concen: 176.701 ng
RT: 16.086 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

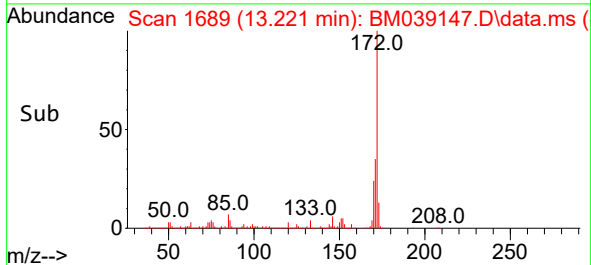
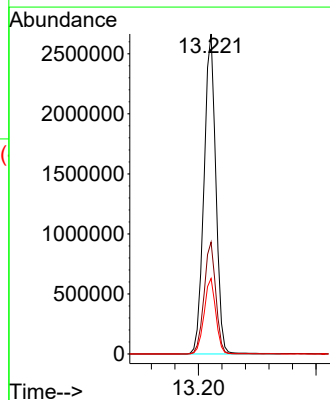
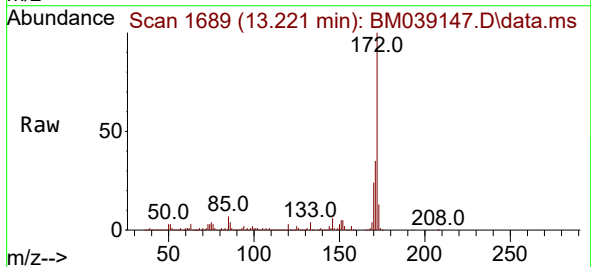
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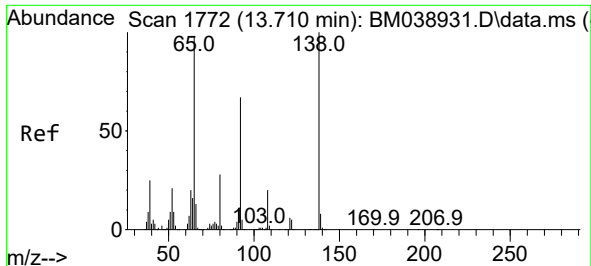
Tgt Ion:330 Resp: 930837
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 37.1 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 106.877 ng
RT: 13.221 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion:172 Resp: 3738525
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.6 19.1 28.7

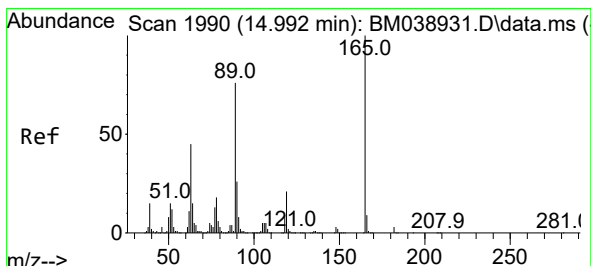
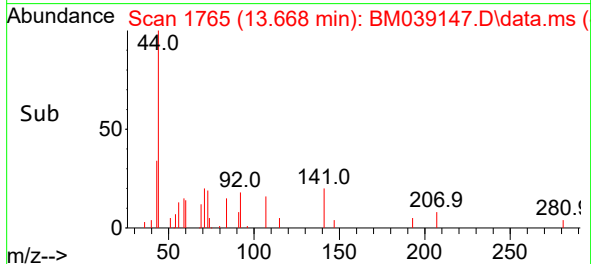
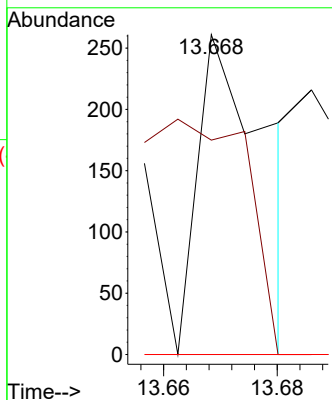
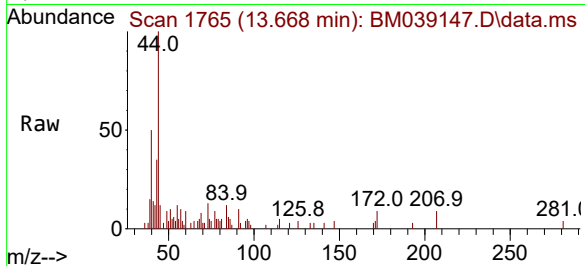




#48
2-Nitroaniline
Concen: 2.238 ng
RT: 13.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

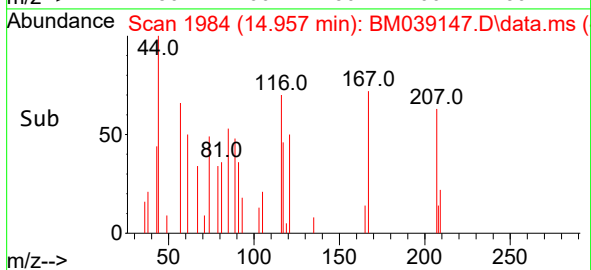
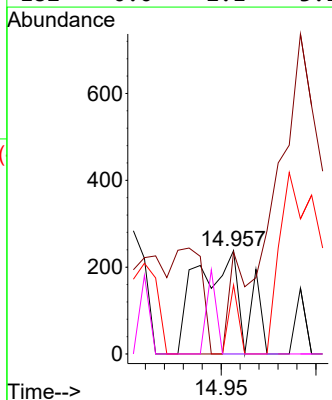
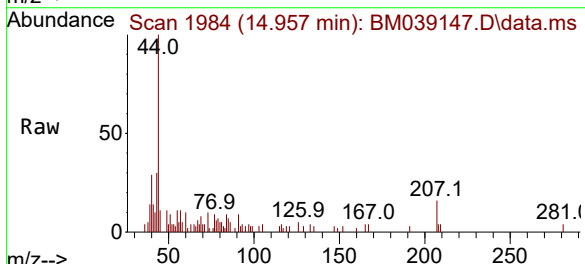
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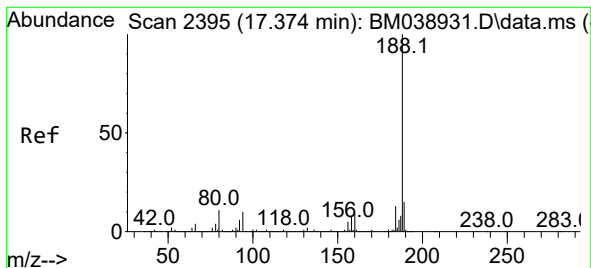
Tgt Ion: 65 Resp: 222
Ion Ratio Lower Upper
65 100
92 67.0 54.9 82.3
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.110 ng
RT: 14.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion: 165 Resp: 410
Ion Ratio Lower Upper
165 100
63 98.7 35.9 53.9#
89 66.8 61.0 91.6
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Instrument :

BNA_M

ClientSampleId :

WC1-20230322

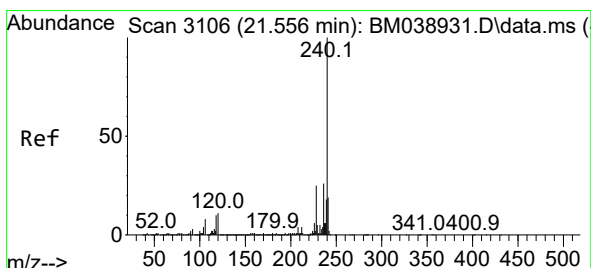
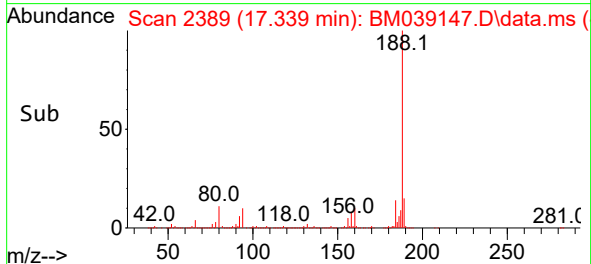
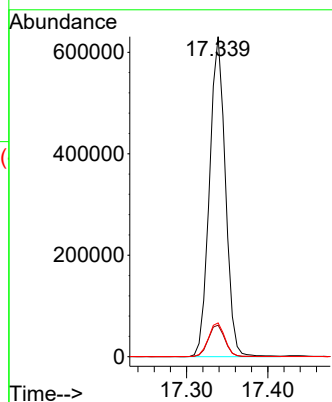
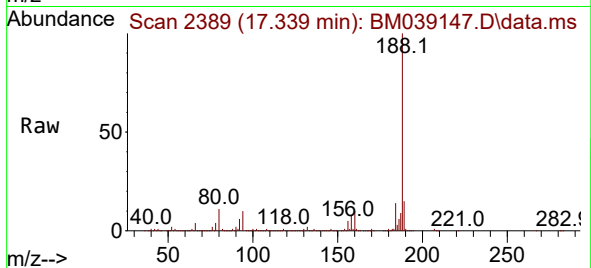
Tgt Ion:188 Resp: 858919

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

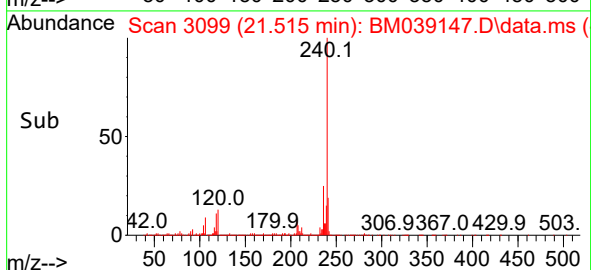
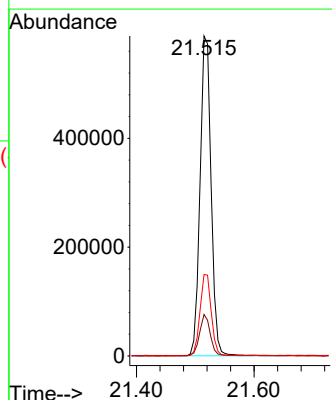
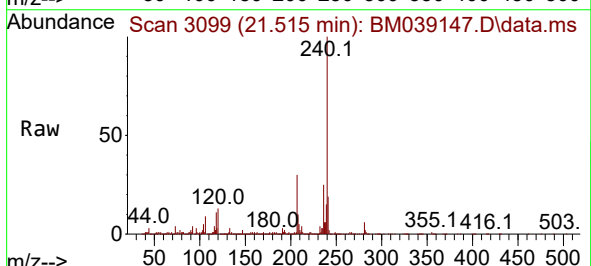
Tgt Ion:240 Resp: 766111

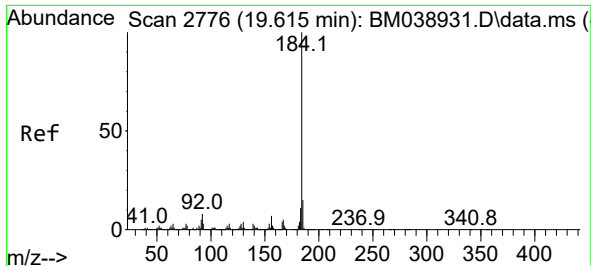
Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 25.4 20.8 31.2

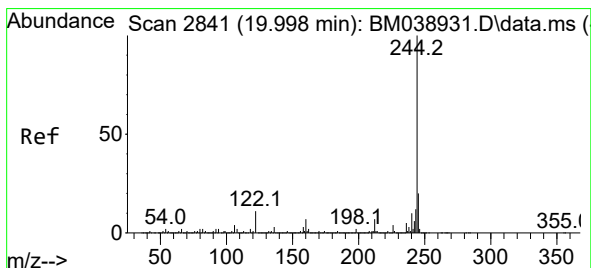
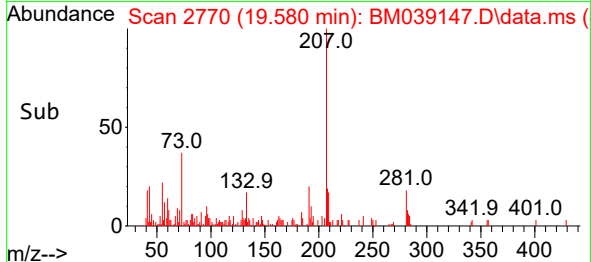
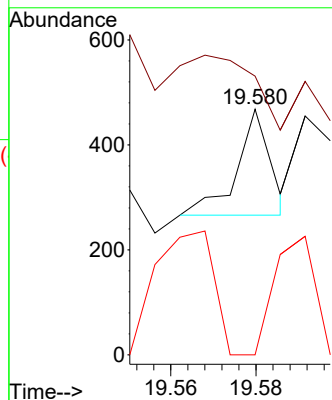
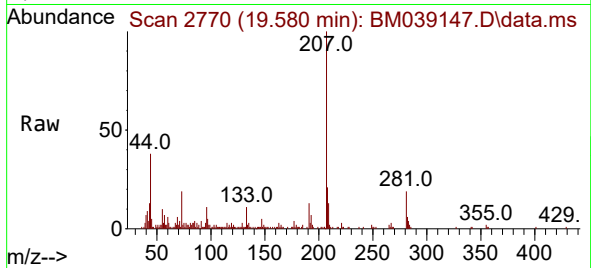




#77
Benzidine
Concen: 4.882 ng
RT: 19.580 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

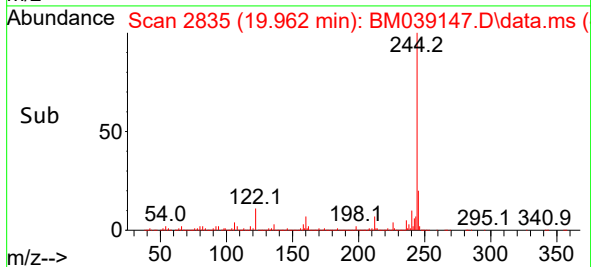
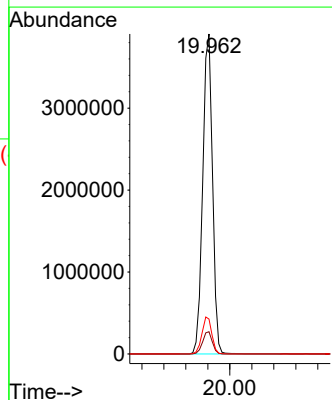
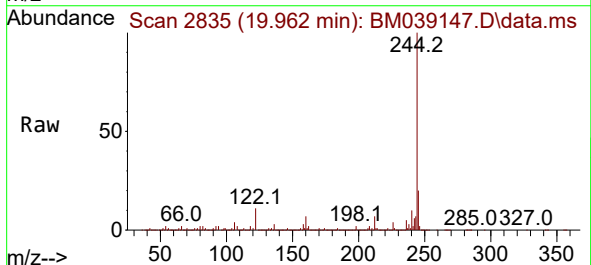
Instrument :
BNA_M
ClientSampleId :
WC1-20230322

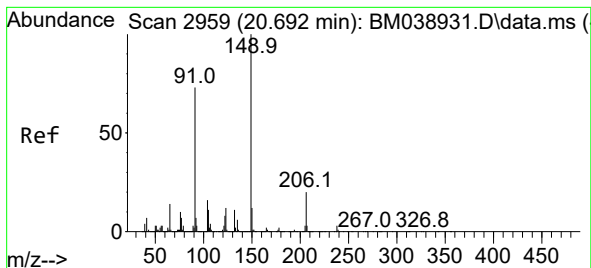
Tgt Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
185 113.5 12.2 18.4#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 115.274 ng
RT: 19.962 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion:244 Resp: 4830243
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 10.9 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.329 ng

RT: 20.509 min Scan# 2959

Delta R.T. -0.147 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Instrument :

BNA_M

ClientSampleId :

WC1-20230322

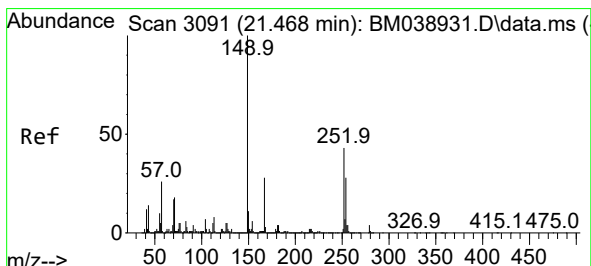
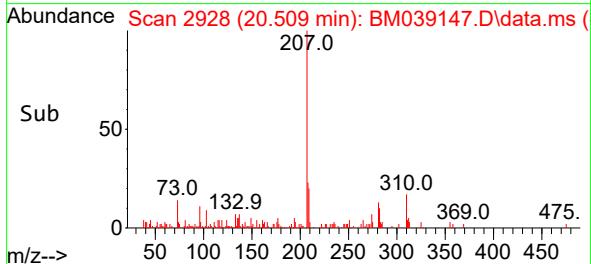
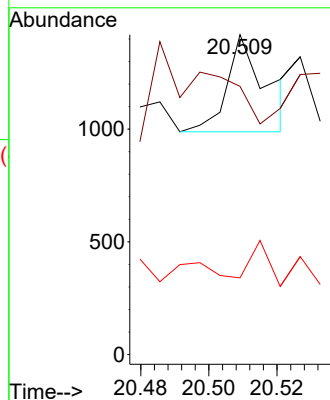
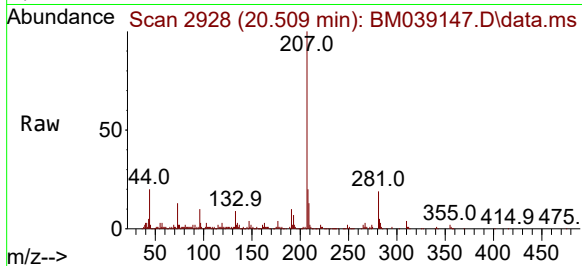
Tgt Ion:149 Resp: 343

Ion Ratio Lower Upper

149 100

91 83.9 58.4 87.6

206 24.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.596 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

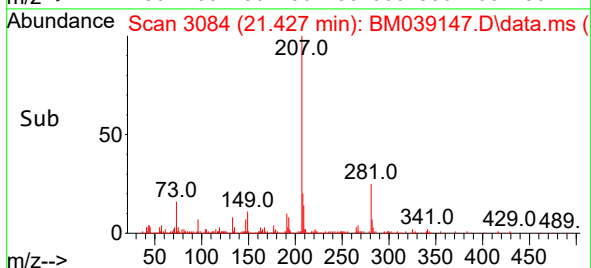
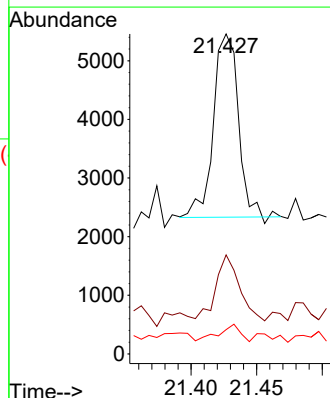
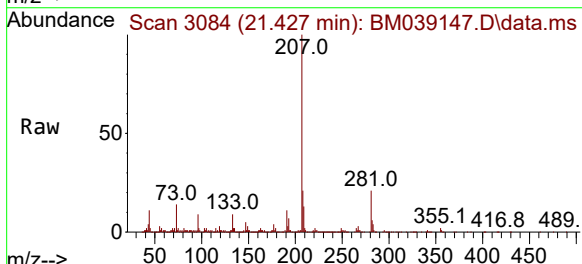
Tgt Ion:149 Resp: 4138

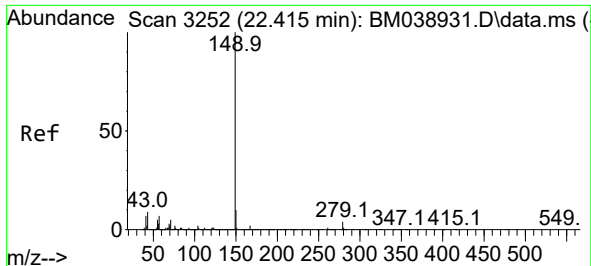
Ion Ratio Lower Upper

149 100

167 31.0 22.3 33.5

279 7.6 3.2 4.8#

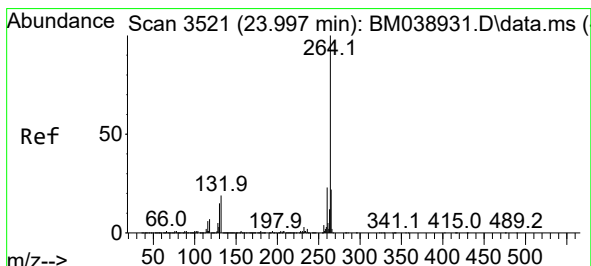
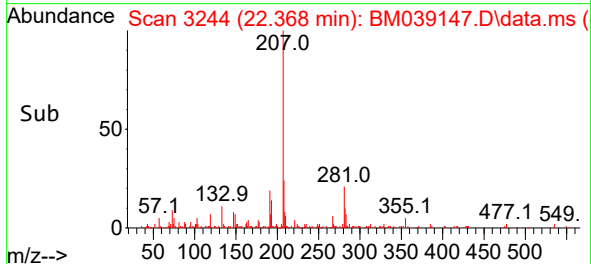
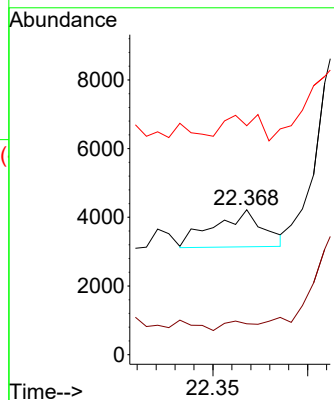
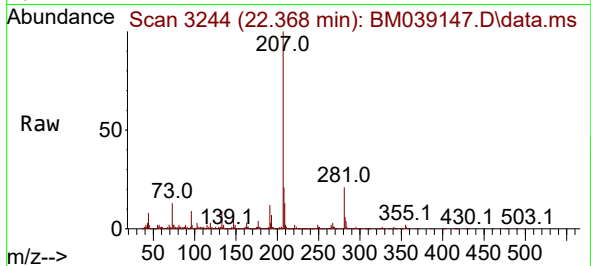




#85
Di-n-octyl phthalate
Concen: 3.827 ng
RT: 22.368 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Instrument :
BNA_M
ClientSampleId :
WC1-20230322

Tgt Ion:149 Resp: 1940
Ion Ratio Lower Upper
149 100
167 15.7 1.2 1.8#
43 64.4 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion:264 Resp: 948593
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.2 17.9 26.9

