

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039138.D
 Acq On : 24 Mar 2023 12:39
 Operator : CG/JU
 Sample : PB151580BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151580BL

Quant Time: Mar 24 15:06:15 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)

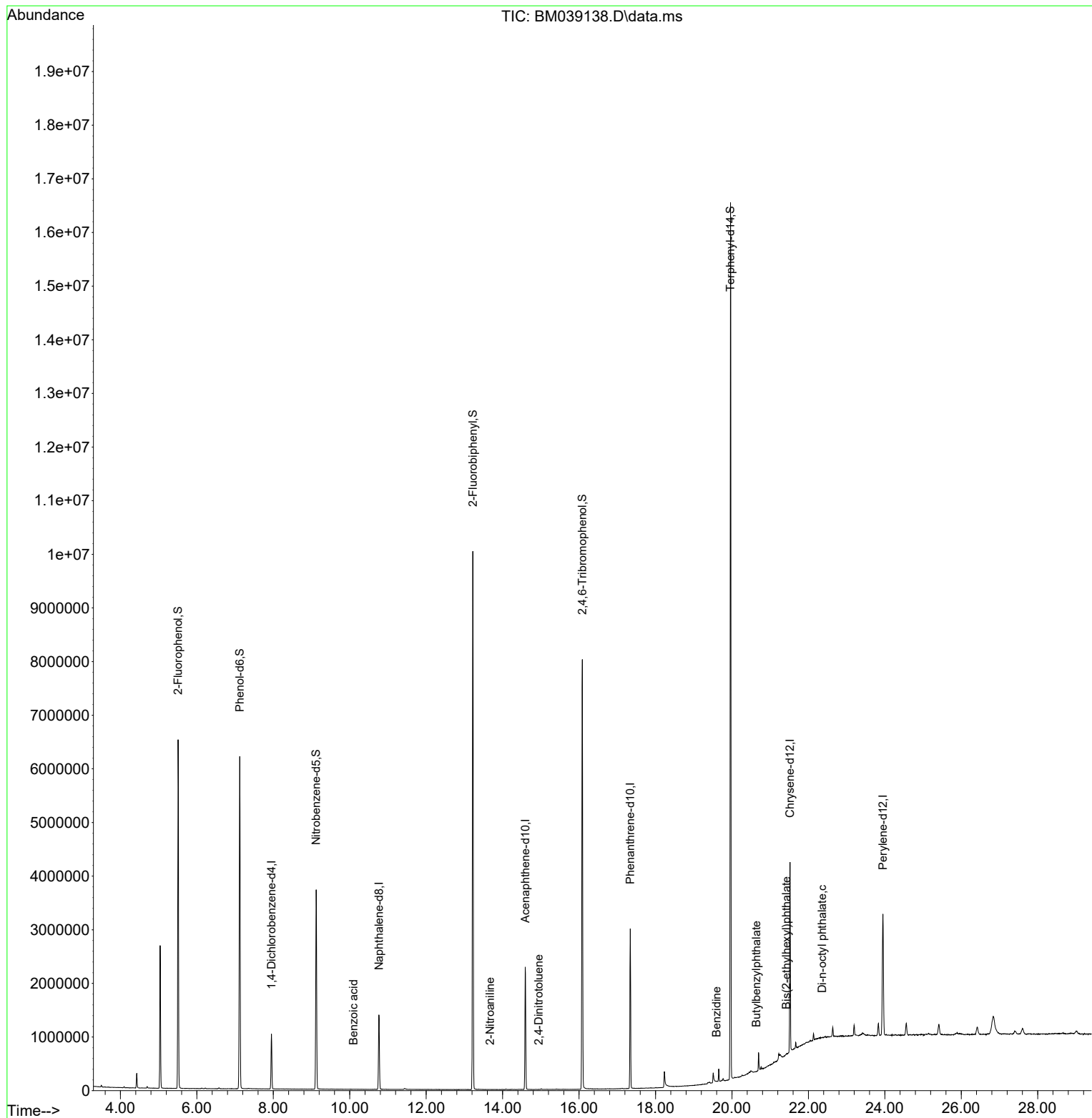
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	270615	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1158251	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	761450	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1710491	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1579704	20.000	ng	0.00
86) Perylene-d12	23.950	264	1672582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2788171	156.534	ng	0.00
7) Phenol-d6	7.122	99	3657597	158.092	ng	0.00
23) Nitrobenzene-d5	9.122	82	2162376	91.706	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1478153	167.805	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	4991732	85.340	ng	0.00
79) Terphenyl-d14	19.962	244	8058488	93.268	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.098	122	193	5.745	ng	# 51
48) 2-Nitroaniline	13.674	65	316	2.235	ng	# 6
57) 2,4-Dinitrotoluene	14.945	165	119	2.078	ng	# 22
77) Benzidine	19.597	184	706	4.894	ng	# 1
80) Butylbenzylphthalate	20.639	149	159	3.319	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.427	149	8321	2.593	ng	# 94
85) Di-n-octyl phthalate	22.362	149	3448	3.823	ng	# 4

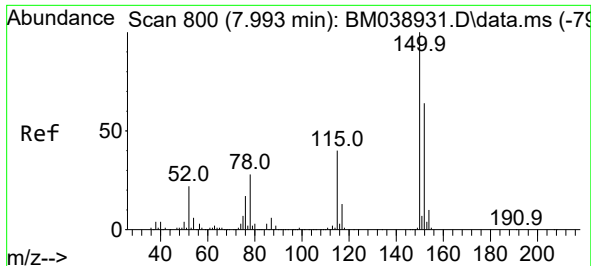
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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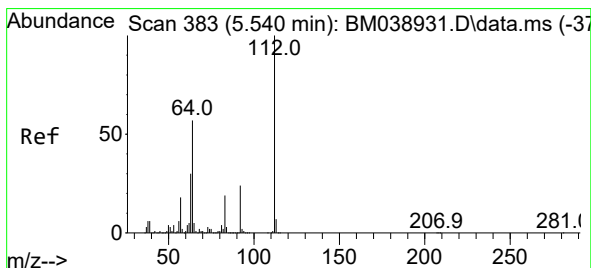
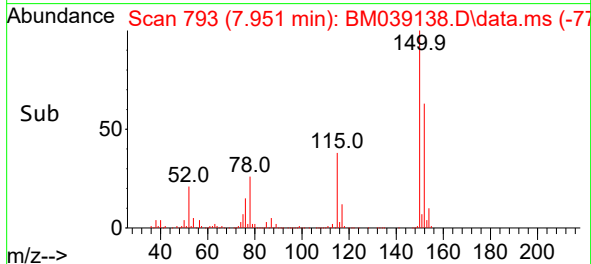
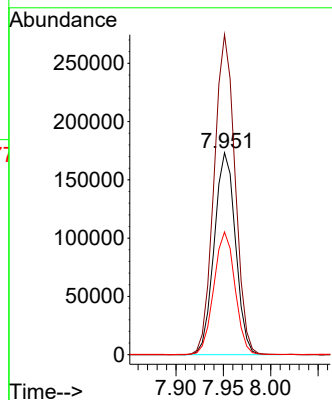
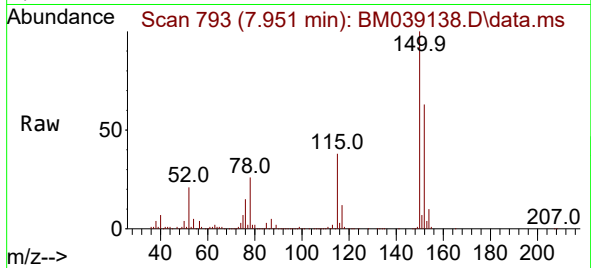




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

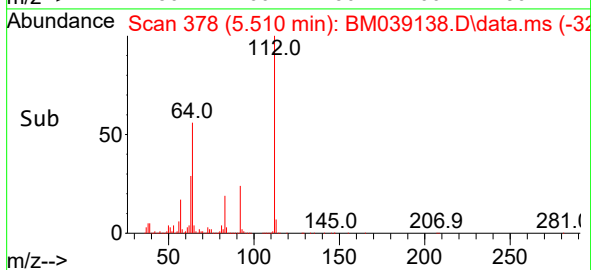
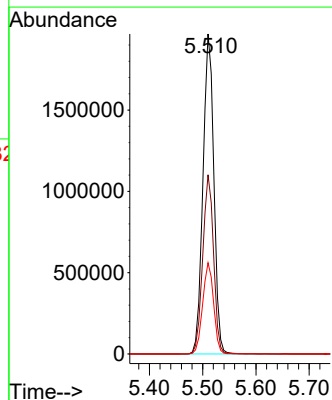
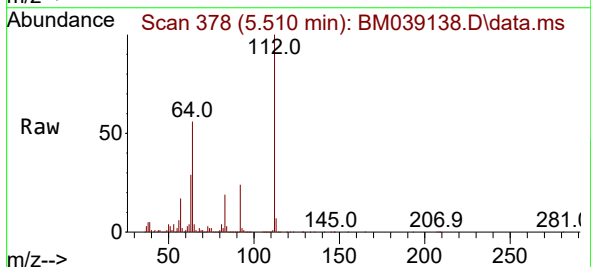
Instrument :
BNA_M
ClientSampleId :
PB151580BL

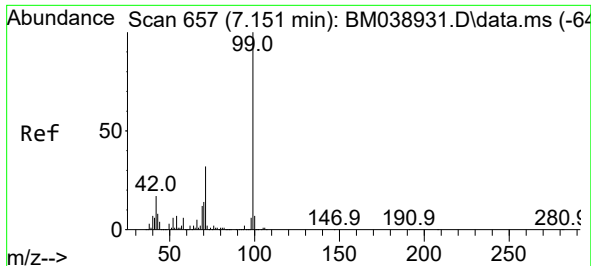
Tgt Ion:152 Resp: 270615
Ion Ratio Lower Upper
152 100
150 158.4 125.1 187.7
115 60.7 49.6 74.4



#5
2-Fluorophenol
Concen: 156.534 ng
RT: 5.510 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:112 Resp: 2788171
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.5 23.8 35.8



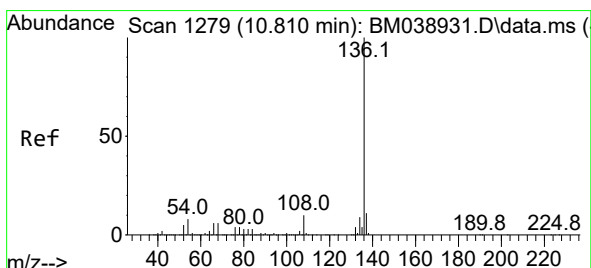
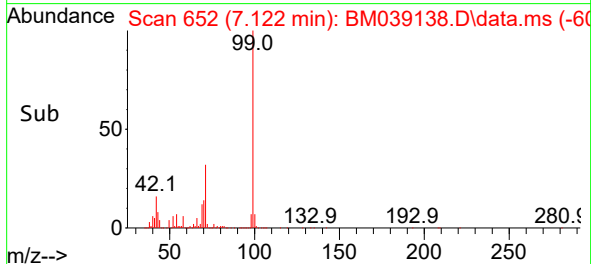
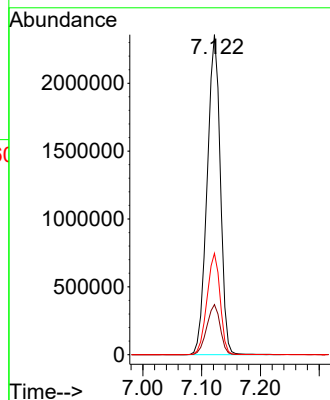
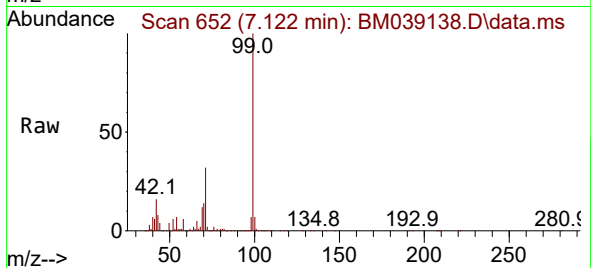


#7
Phenol-d6
Concen: 158.092 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Instrument :
BNA_M
ClientSampleId :
PB151580BL

Tgt Ion: 99 Resp: 3657597

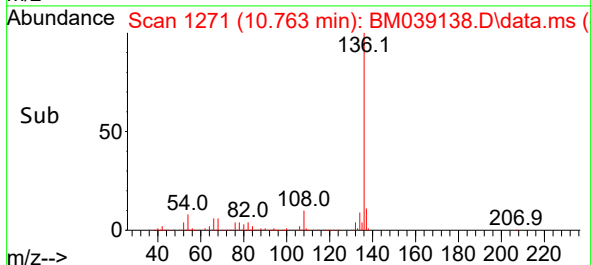
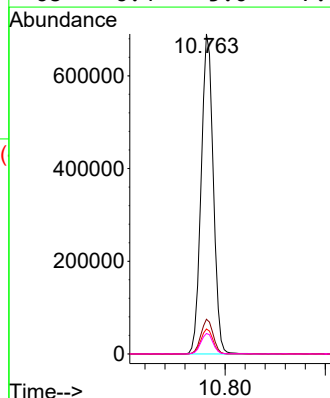
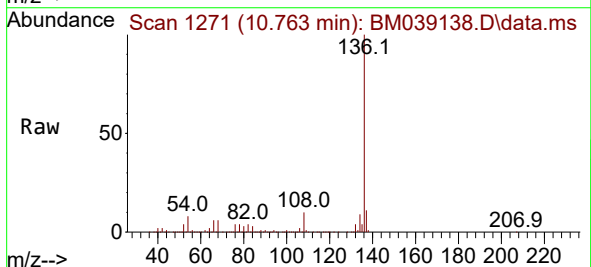
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.7	25.6	38.4

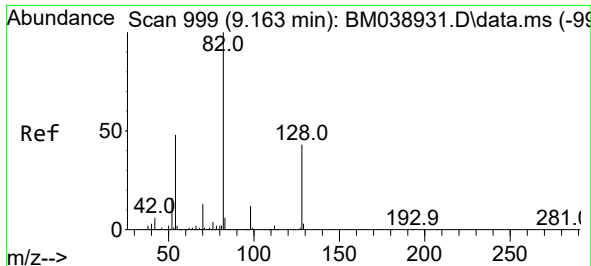


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion: 136 Resp: 1158251

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	6.3	9.5
68	6.4	5.0	7.6

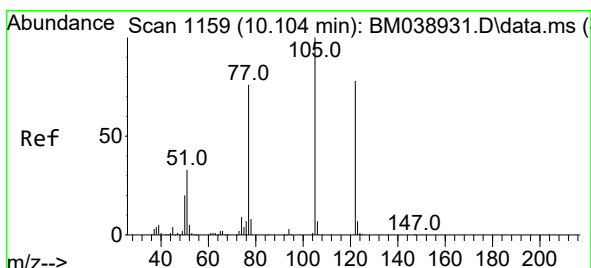
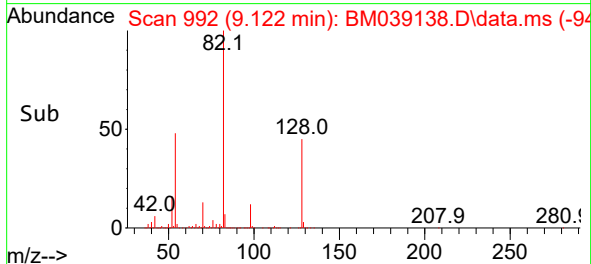
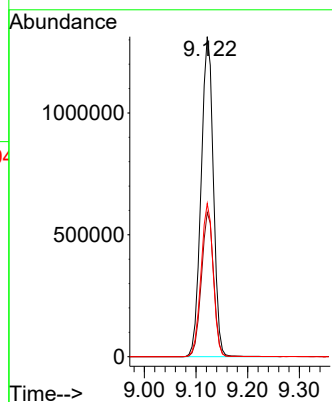
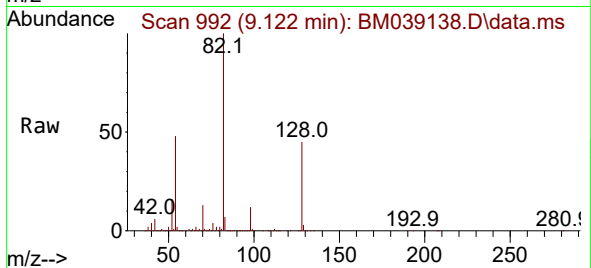




#23
Nitrobenzene-d5
Concen: 91.706 ng
RT: 9.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

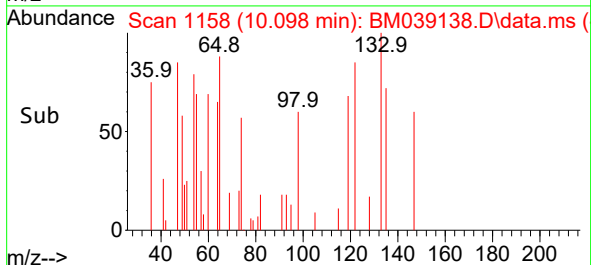
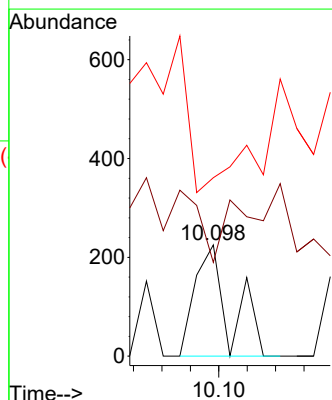
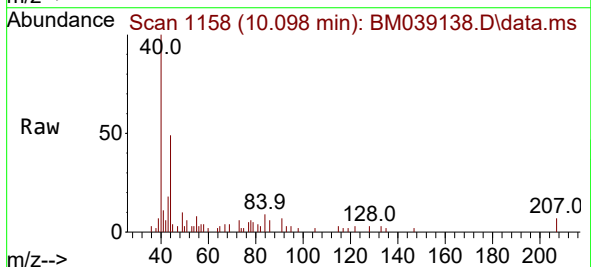
Instrument :
BNA_M
ClientSampleId :
PB151580BL

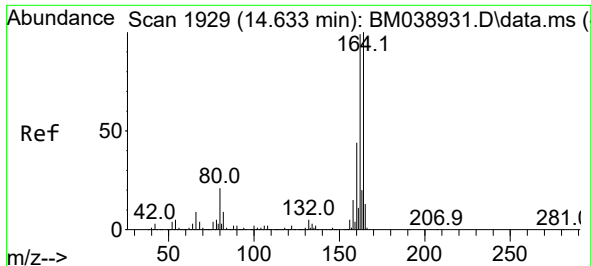
Tgt Ion: 82 Resp: 2162376
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 47.9 38.8 58.2



#32
Benzoic acid
Concen: 5.745 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:122 Resp: 193
Ion Ratio Lower Upper
122 100
105 84.4 104.2 144.2#
77 160.4 75.1 115.1#

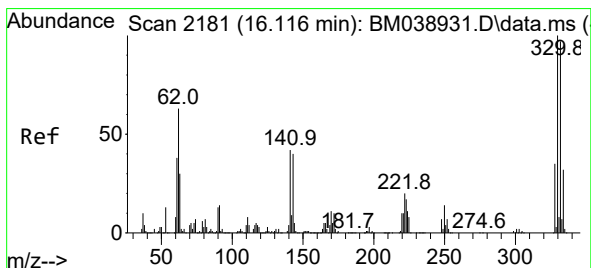
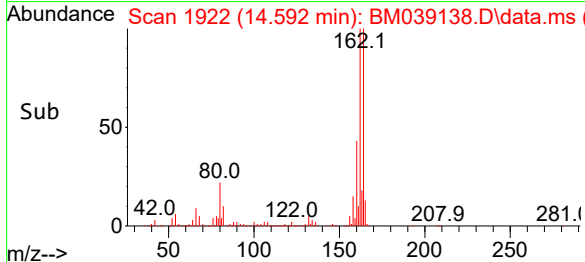
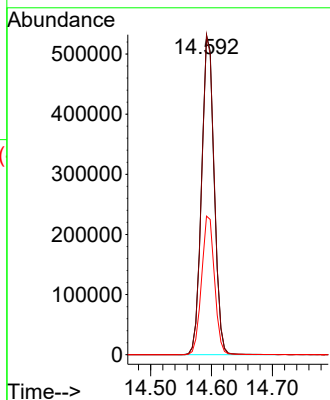
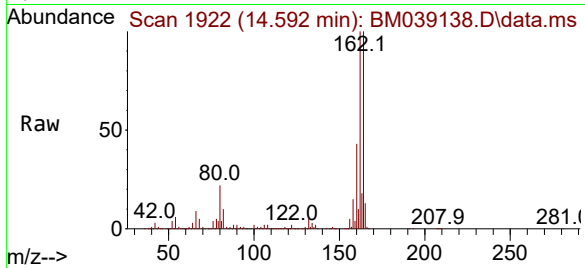




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

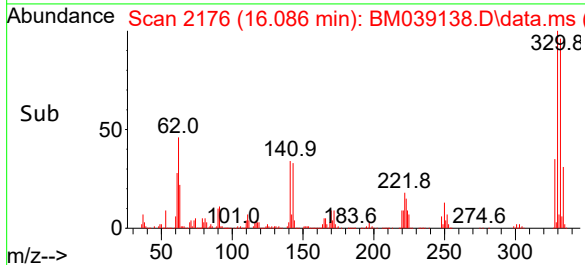
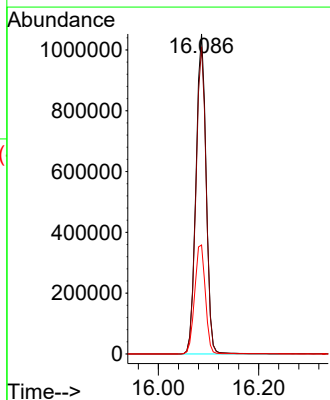
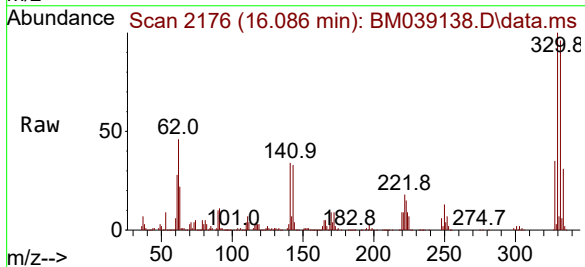
Instrument :
BNA_M
ClientSampleId :
PB151580BL

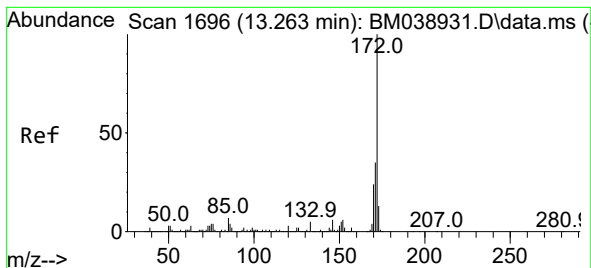
Tgt Ion:164 Resp: 761450
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 43.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 167.805 ng
RT: 16.086 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:330 Resp: 1478153
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 35.9 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 85.340 ng

RT: 13.221 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039138.D

Acq: 24 Mar 2023 12:39

Instrument :

BNA_M

ClientSampleId :

PB151580BL

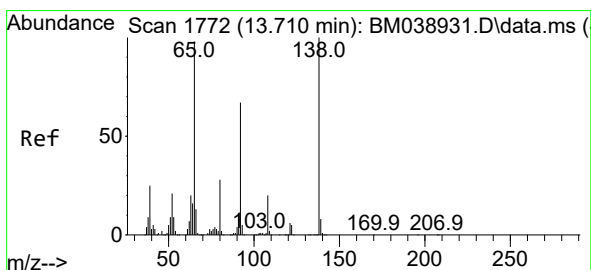
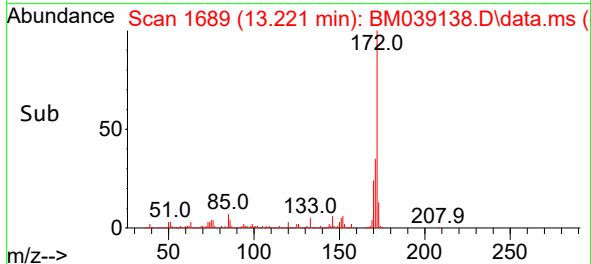
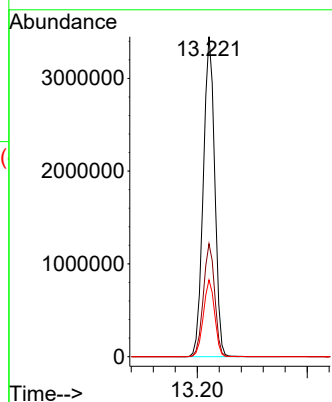
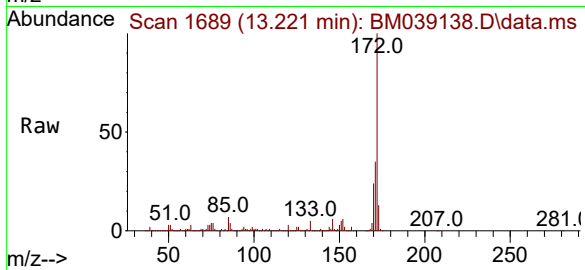
Tgt Ion:172 Resp: 4991732

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 24.0 19.1 28.7



#48

2-Nitroaniline

Concen: 2.235 ng

RT: 13.674 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BM039138.D

Acq: 24 Mar 2023 12:39

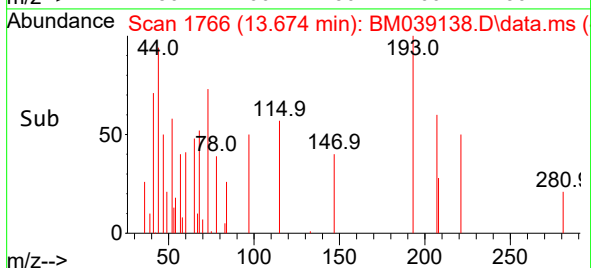
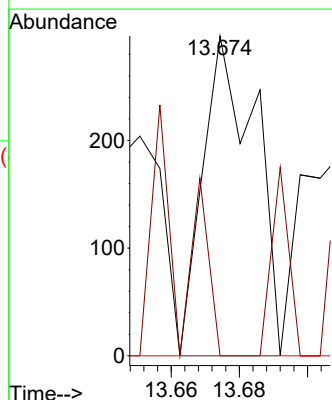
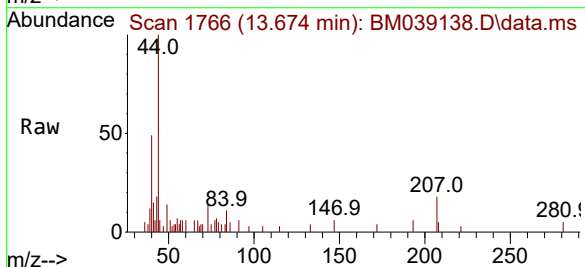
Tgt Ion: 65 Resp: 316

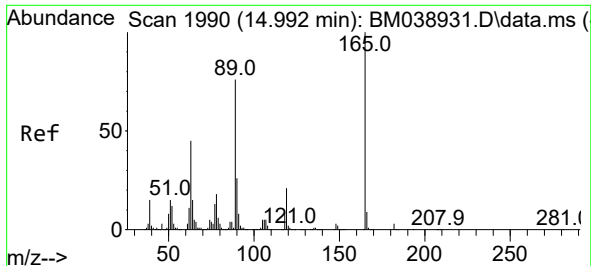
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#

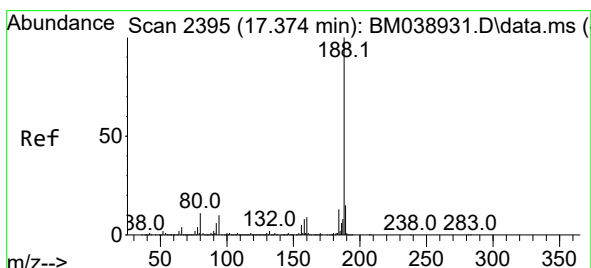
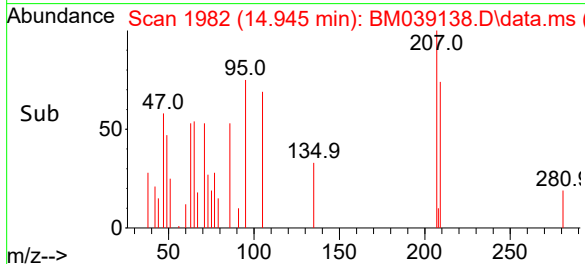
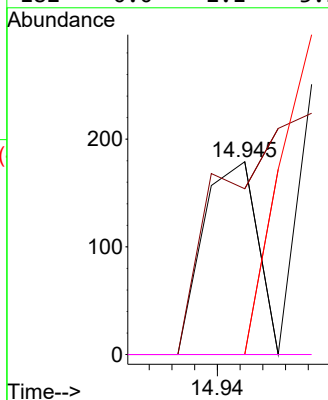
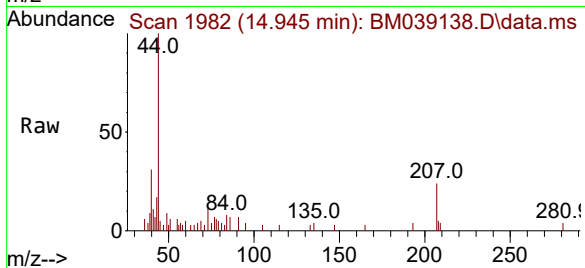




#57
2,4-Dinitrotoluene
Concen: 2.078 ng
RT: 14.945 min Scan# 1990
Delta R.T. -0.018 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

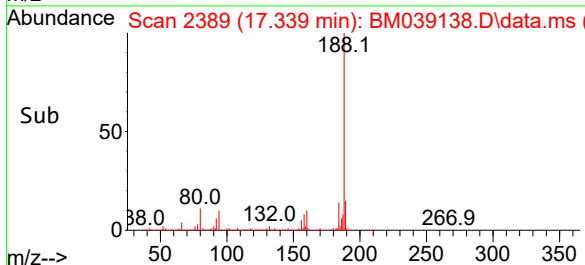
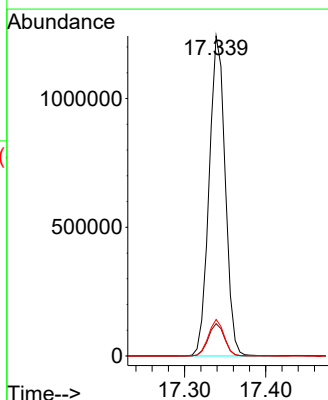
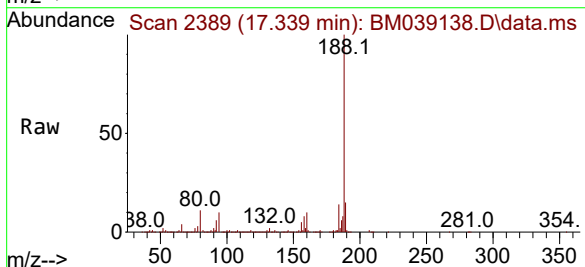
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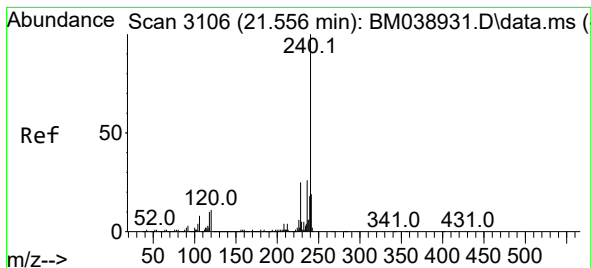
Tgt Ion:165 Resp: 119
Ion Ratio Lower Upper
165 100
63 86.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:188 Resp: 1710491
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.4 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039138.D

Acq: 24 Mar 2023 12:39

Instrument :

BNA_M

ClientSampleId :

PB151580BL

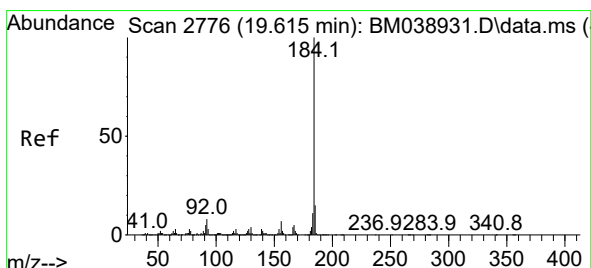
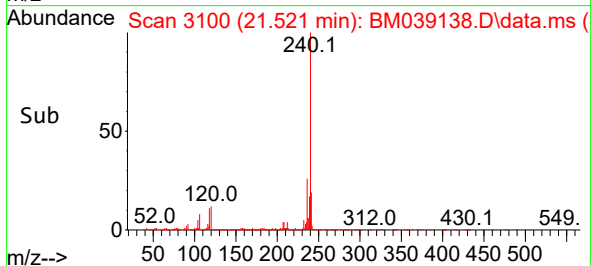
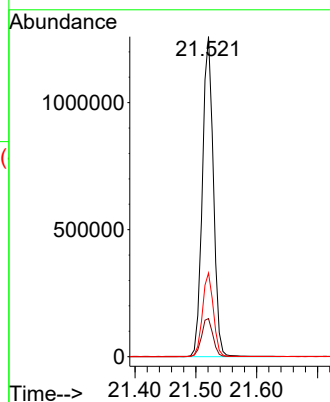
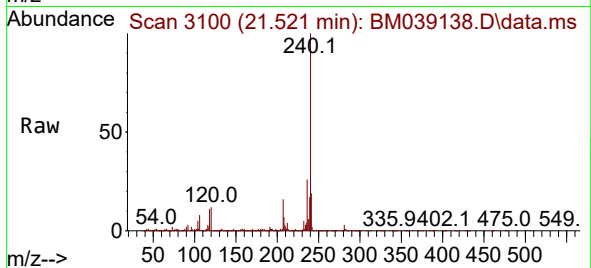
Tgt Ion:240 Resp: 1579704

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.1 20.8 31.2



#77

Benzidine

Concen: 4.894 ng

RT: 19.597 min Scan# 2773

Delta R.T. 0.012 min

Lab File: BM039138.D

Acq: 24 Mar 2023 12:39

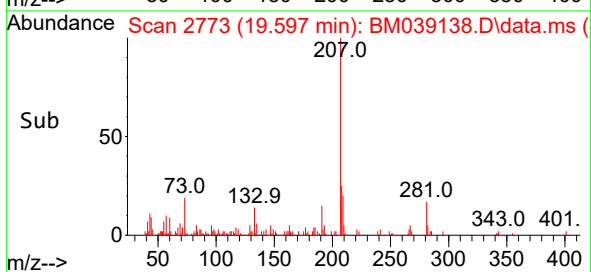
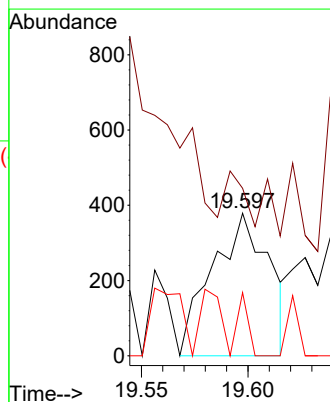
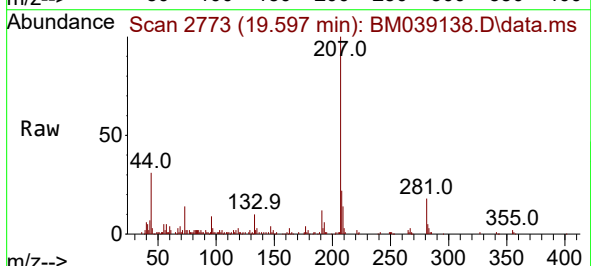
Tgt Ion:184 Resp: 706

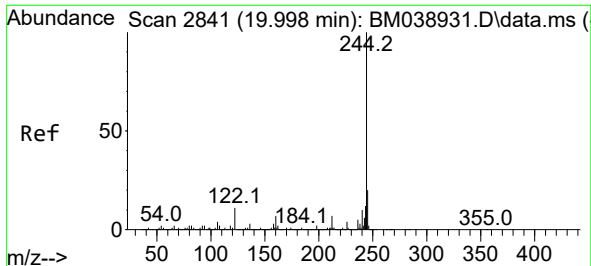
Ion Ratio Lower Upper

184 100

185 117.4 12.2 18.4#

183 44.3 8.8 13.2#

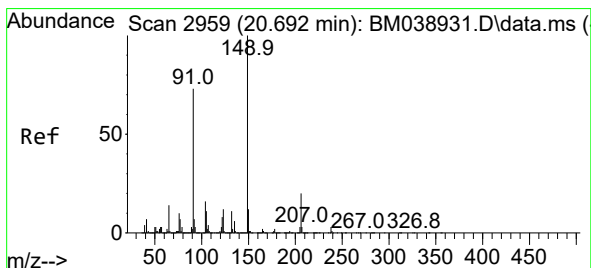
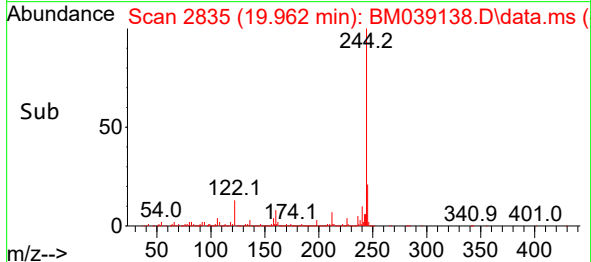
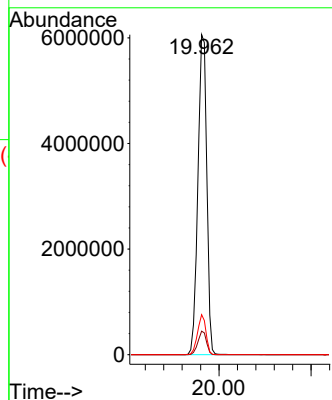
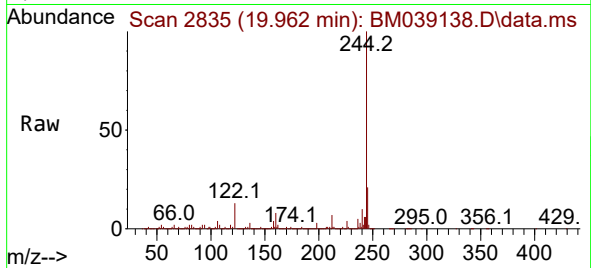




#79
 Terphenyl-d14
 Concen: 93.268 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039138.D
 Acq: 24 Mar 2023 12:39

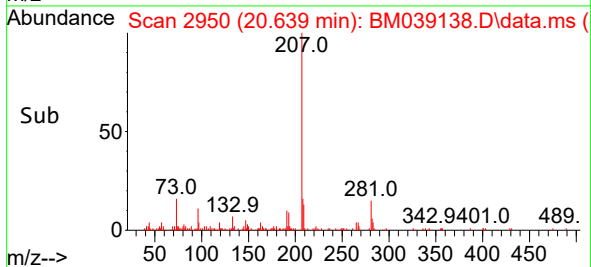
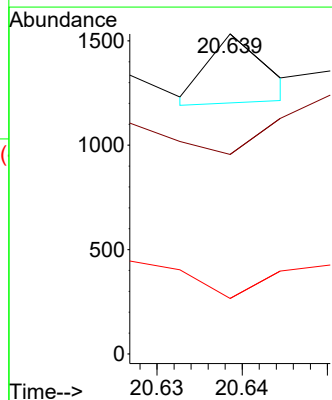
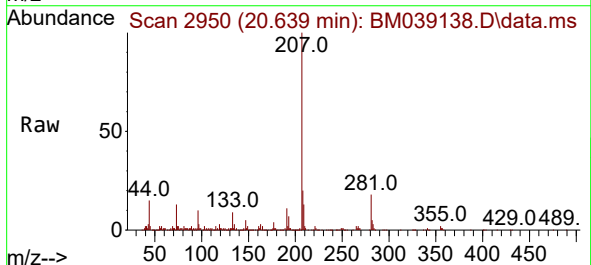
Instrument :
 BNA_M
 ClientSampleId :
 PB151580BL

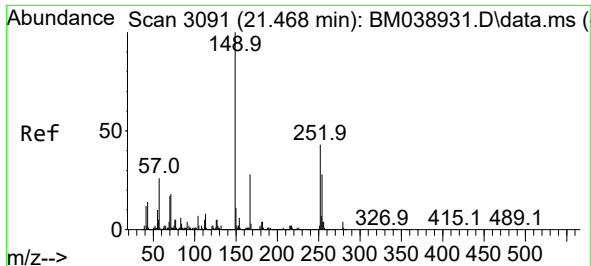
Tgt Ion:244 Resp: 8058488
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.319 ng
 RT: 20.639 min Scan# 2950
 Delta R.T. -0.018 min
 Lab File: BM039138.D
 Acq: 24 Mar 2023 12:39

Tgt Ion:149 Resp: 159
 Ion Ratio Lower Upper
 149 100
 91 62.4 58.4 87.6
 206 17.4 16.1 24.1

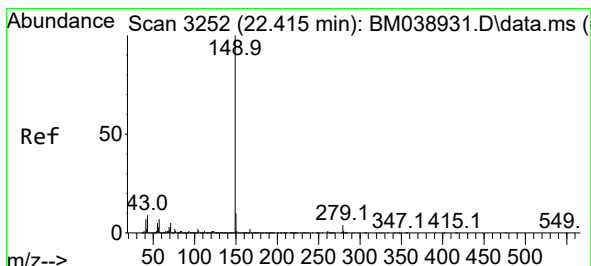
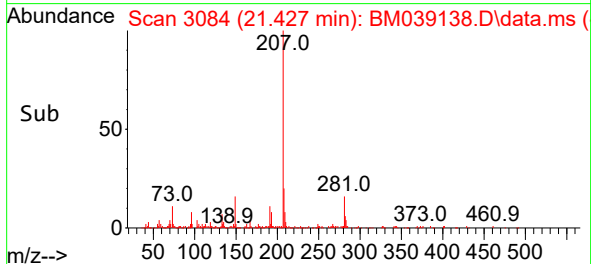
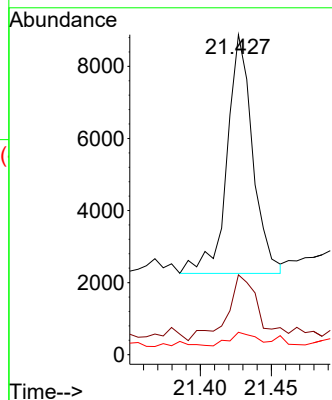
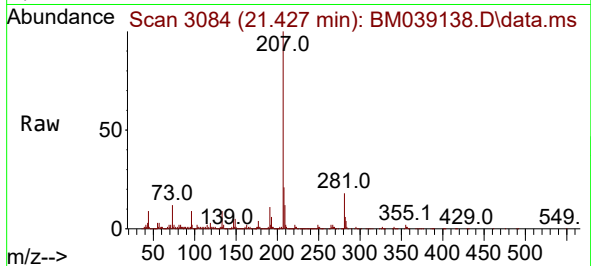




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.593 ng
RT: 21.427 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

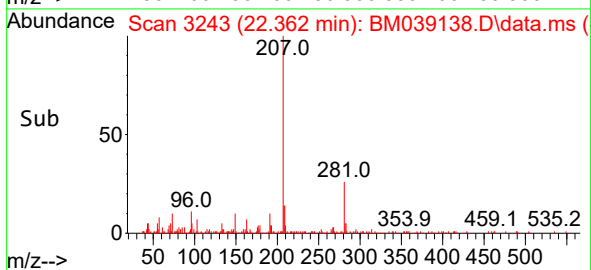
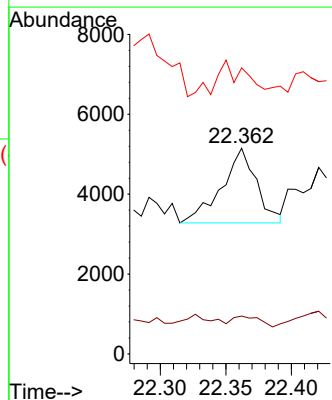
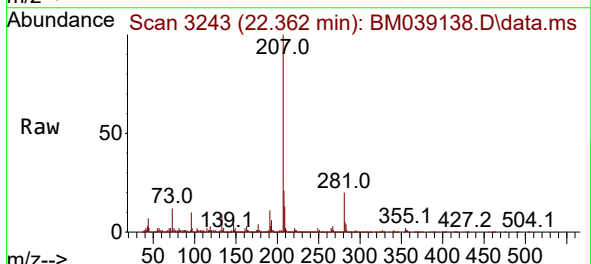
Instrument :
BNA_M
ClientSampleId :
PB151580BL

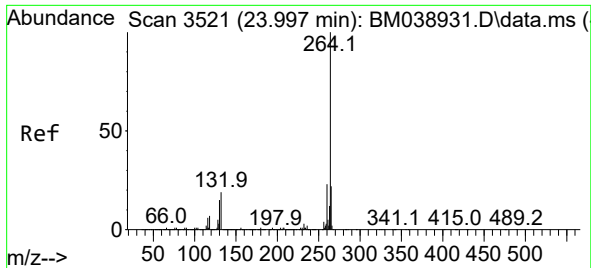
Tgt Ion:149 Resp: 8321
Ion Ratio Lower Upper
149 100
167 25.0 22.3 33.5
279 7.0 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.823 ng
RT: 22.362 min Scan# 3243
Delta R.T. -0.006 min
Lab File: BM039138.D
Acq: 24 Mar 2023 12:39

Tgt Ion:149 Resp: 3448
Ion Ratio Lower Upper
149 100
167 11.0 1.2 1.8#
43 48.2 7.4 11.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.950 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM039138.D
 Acq: 24 Mar 2023 12:39

Instrument :
 BNA_M
 ClientSampleId :
 PB151580BL

Tgt Ion:264 Resp: 1672582
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.9 17.9 26.9

