

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039043.D
 Acq On : 20 Mar 2023 14:07
 Operator : CG/JU
 Sample : PB151375BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151375BL

Quant Time: Mar 21 04:07:41 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)

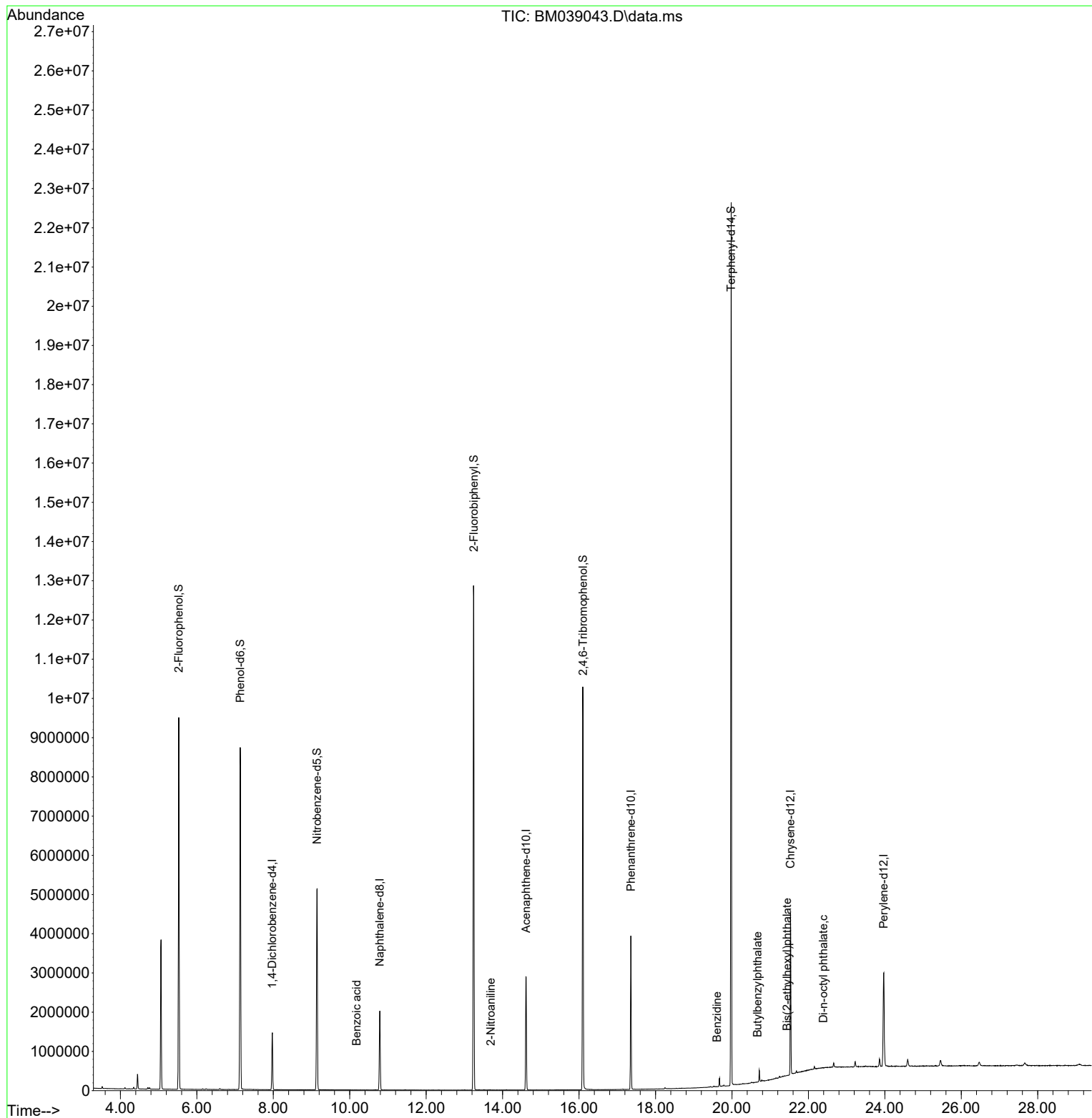
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	374879	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1586691	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	967590	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2115943	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1759503	20.000	ng	0.00
86) Perylene-d12	23.968	264	1727025	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3849315	156.003	ng	0.00
7) Phenol-d6	7.134	99	4958890	154.724	ng	0.00
23) Nitrobenzene-d5	9.145	82	2953067	91.421	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1654700	147.827	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	6270417	84.362	ng	0.00
79) Terphenyl-d14	19.980	244	9861481	102.472	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.181	122	62	5.736	ng	# 13
48) 2-Nitroaniline	13.692	65	61	2.218	ng	# 6
77) Benzidine	19.609	184	149	4.880	ng	# 67
80) Butylbenzylphthalate	20.668	149	227	3.320	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.445	149	1285	2.500	ng	# 94
85) Di-n-octyl phthalate	22.392	149	589	3.801	ng	# 1

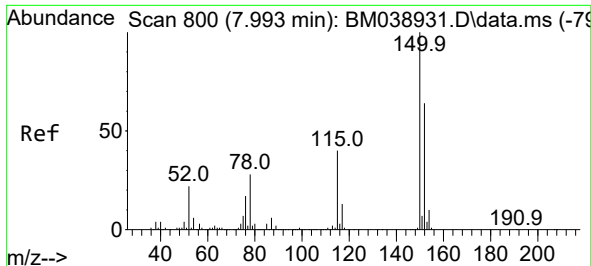
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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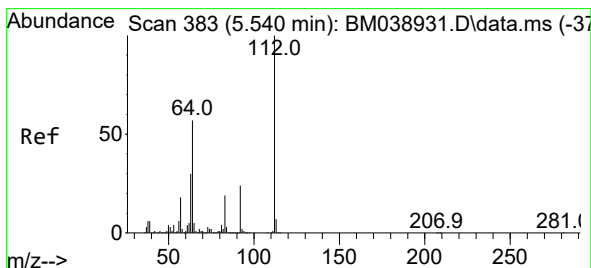
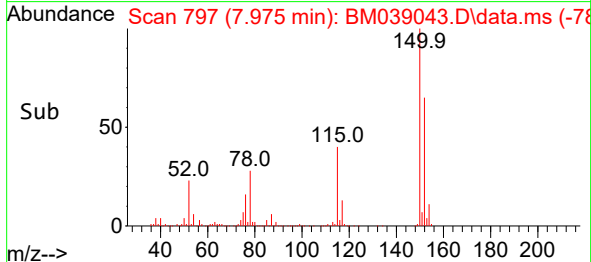
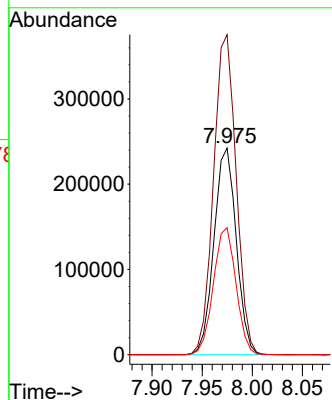
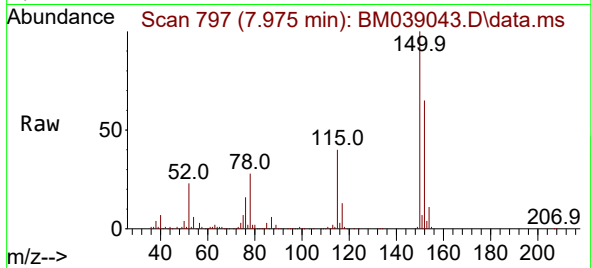




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

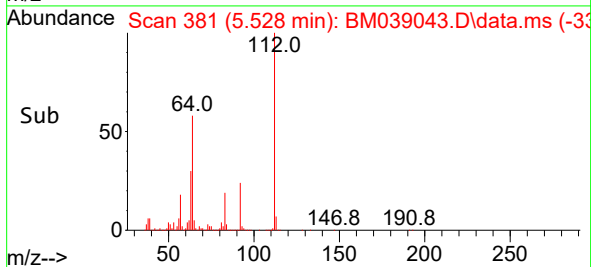
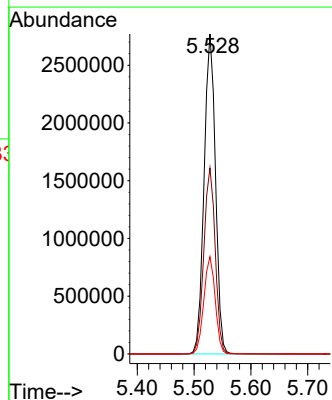
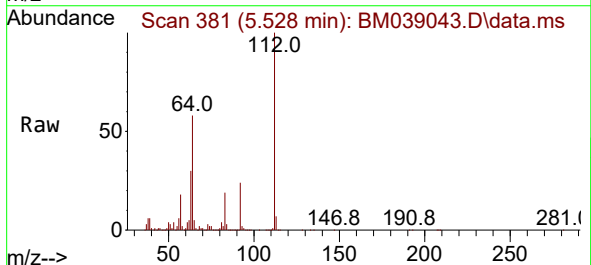
Instrument :
BNA_M
ClientSampleId :
PB151375BL

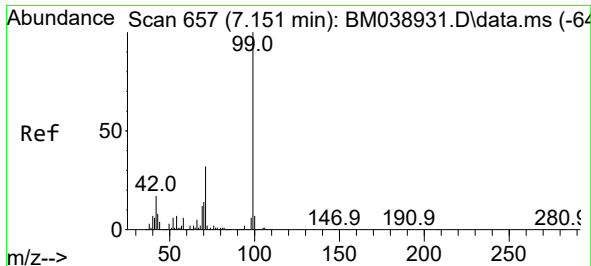
Tgt Ion:152 Resp: 374879
Ion Ratio Lower Upper
152 100
150 154.9 125.1 187.7
115 61.5 49.6 74.4



#5
2-Fluorophenol
Concen: 156.003 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Tgt Ion:112 Resp: 3849315
Ion Ratio Lower Upper
112 100
64 58.1 45.9 68.9
63 30.4 23.8 35.8

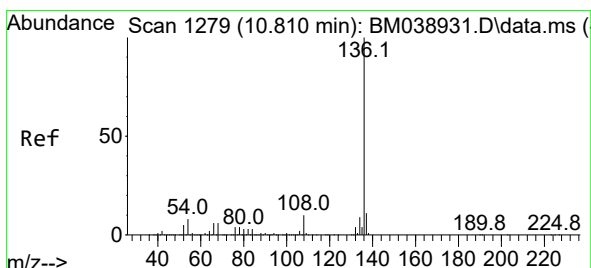
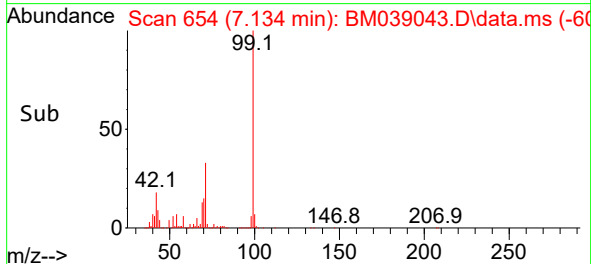
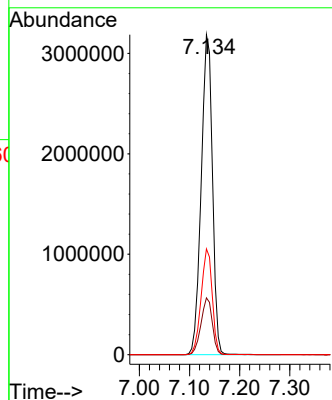
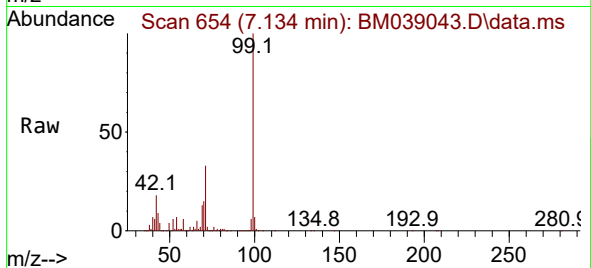




#7
Phenol-d6
Concen: 154.724 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

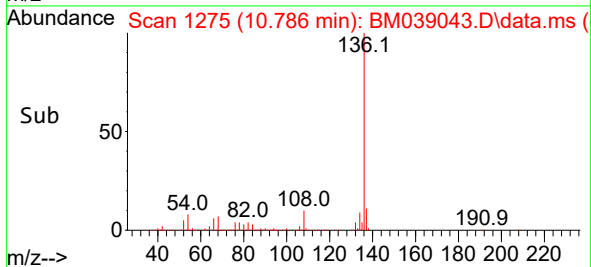
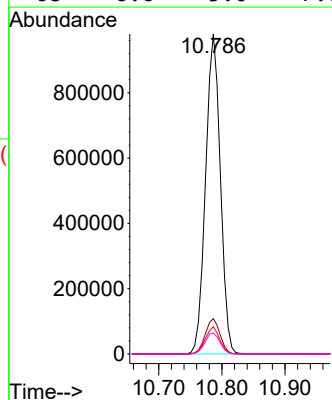
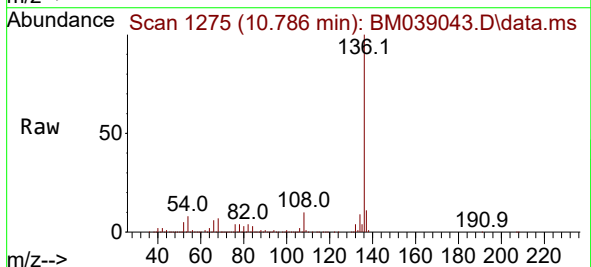
Instrument :
BNA_M
ClientSampleId :
PB151375BL

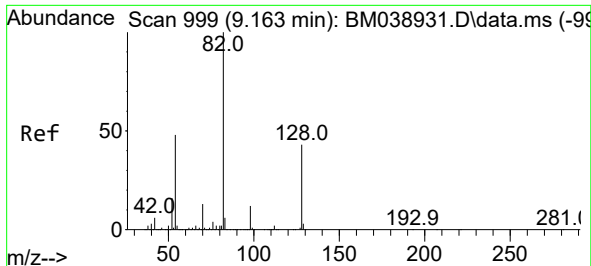
Tgt Ion: 99 Resp: 4958890
Ion Ratio Lower Upper
99 100
42 17.7 13.5 20.3
71 33.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Tgt Ion: 136 Resp: 1586691
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.5 6.3 9.5
68 6.6 5.0 7.6

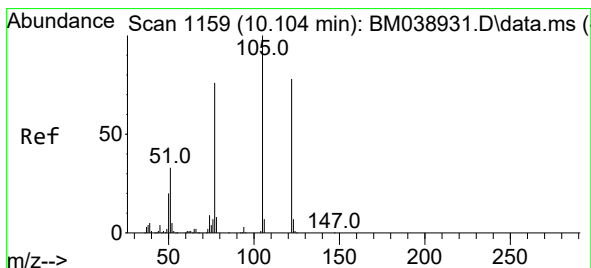
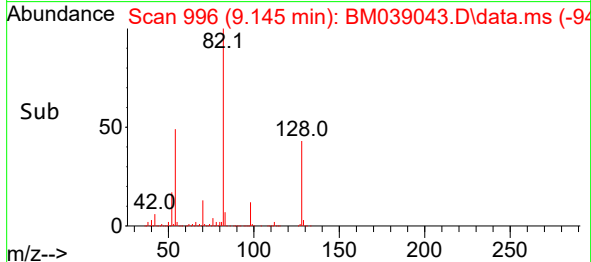
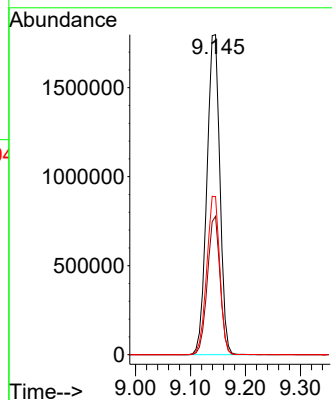
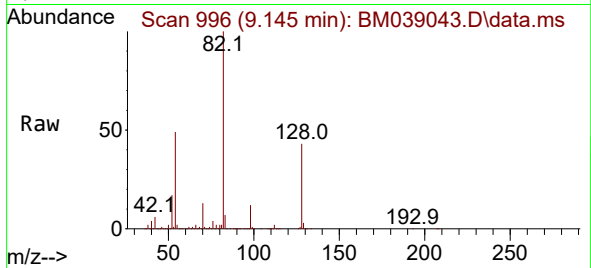




#23
Nitrobenzene-d5
Concen: 91.421 ng
RT: 9.145 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

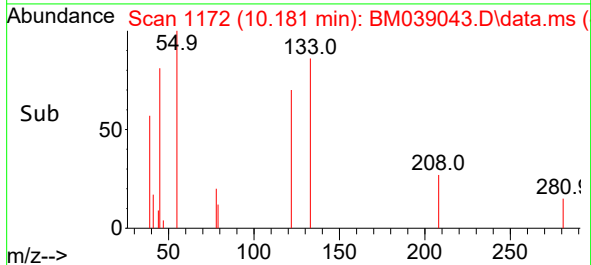
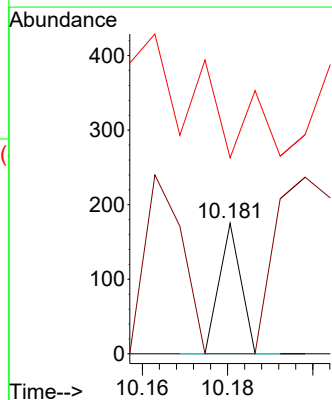
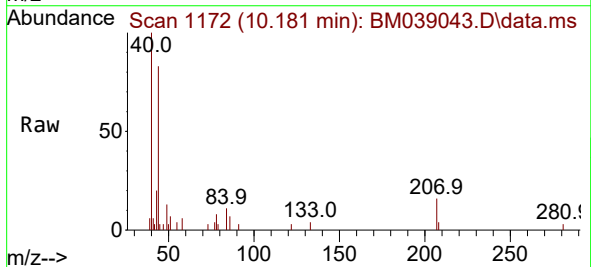
Instrument :
BNA_M
ClientSampleId :
PB151375BL

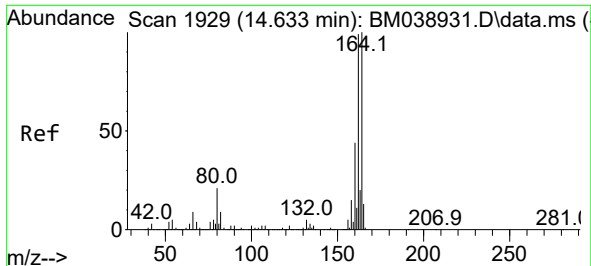
Tgt Ion: 82 Resp: 2953067
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 49.4 38.8 58.2



#32
Benzoic acid
Concen: 5.736 ng
RT: 10.181 min Scan# 1172
Delta R.T. 0.082 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 104.2 144.2#
77 150.3 75.1 115.1#

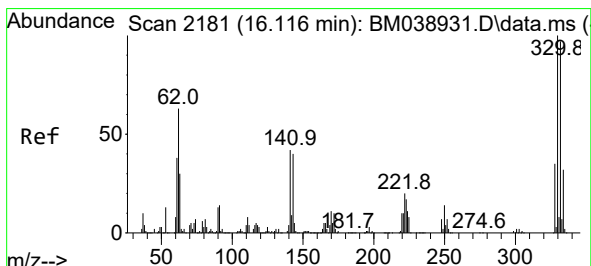
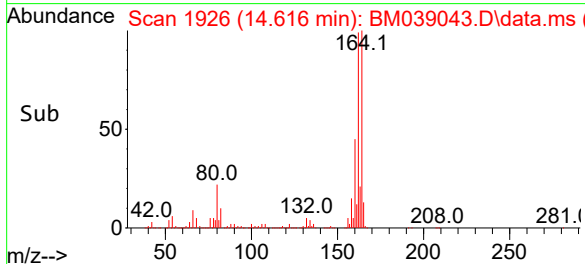
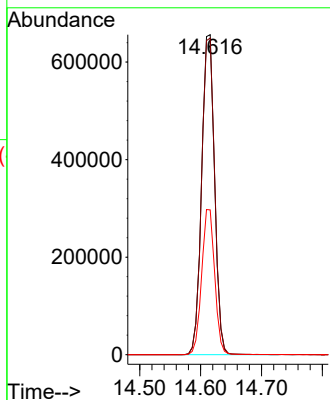
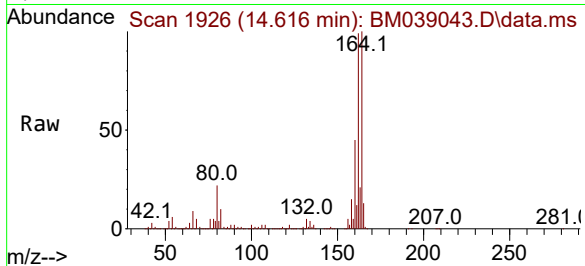




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

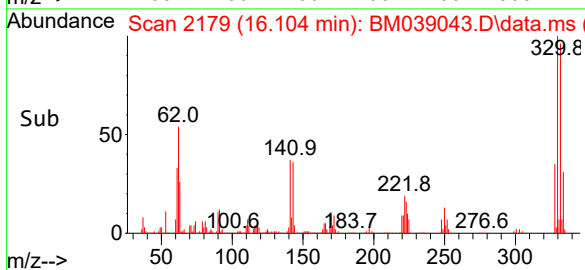
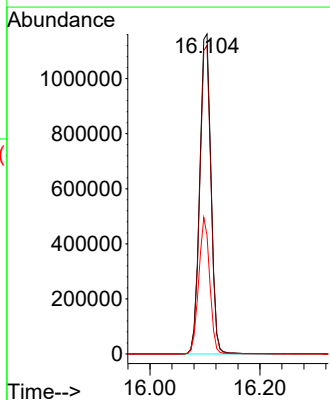
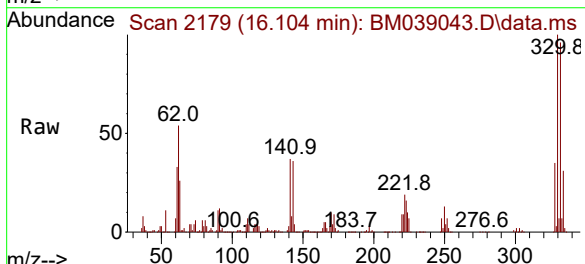
Instrument :
BNA_M
ClientSampleId :
PB151375BL

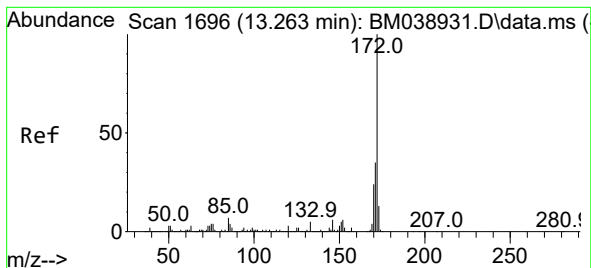
Tgt Ion:164 Resp: 967590
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 45.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 147.827 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Tgt Ion:330 Resp: 1654700
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 41.6 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 84.362 ng

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039043.D

Acq: 20 Mar 2023 14:07

Instrument :

BNA_M

ClientSampleId :

PB151375BL

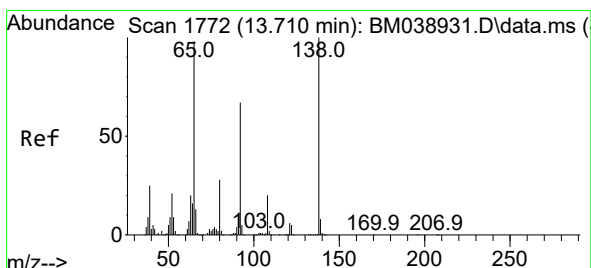
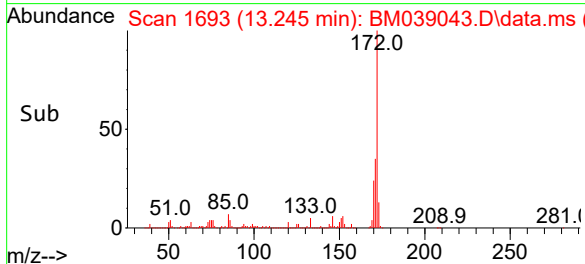
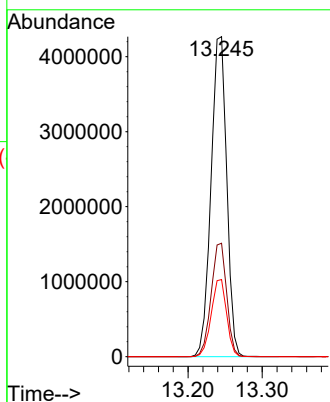
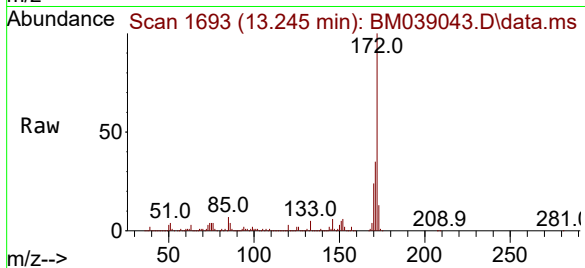
Tgt Ion:172 Resp: 6270417

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.1 19.1 28.7



#48

2-Nitroaniline

Concen: 2.218 ng

RT: 13.692 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BM039043.D

Acq: 20 Mar 2023 14:07

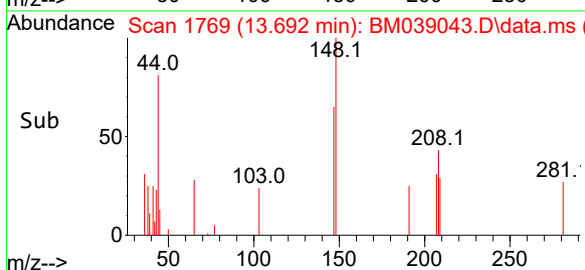
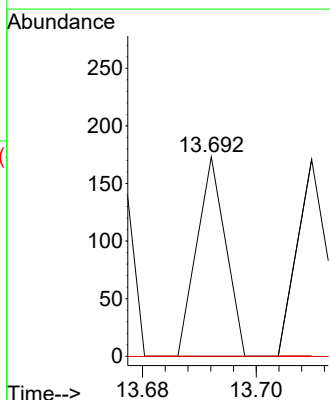
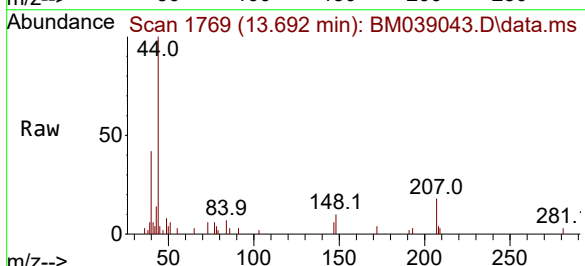
Tgt Ion: 65 Resp: 61

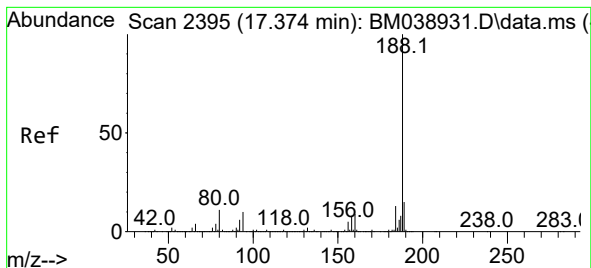
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039043.D

Acq: 20 Mar 2023 14:07

Instrument :

BNA_M

ClientSampleId :

PB151375BL

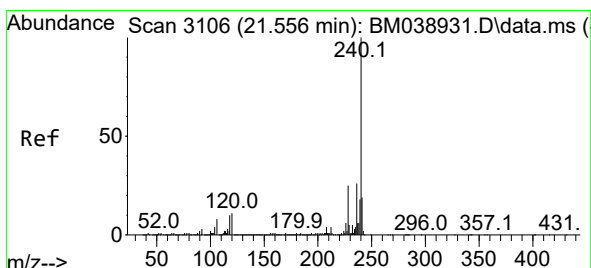
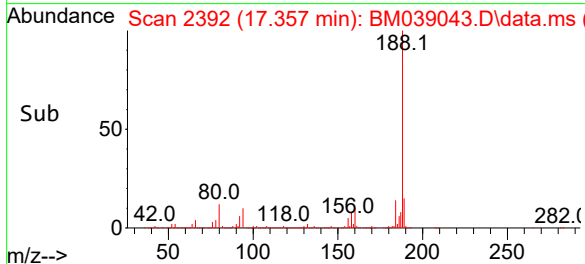
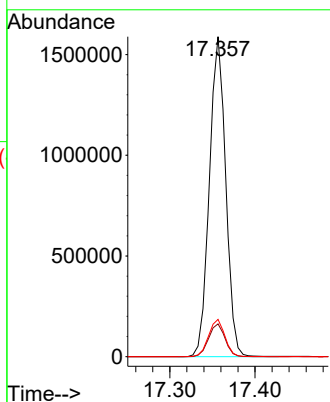
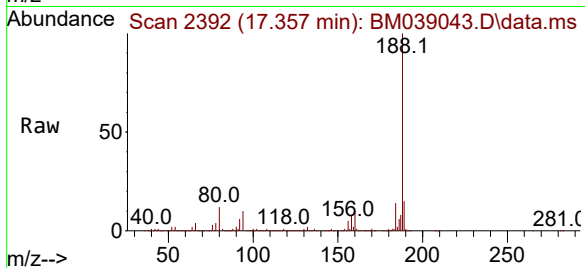
Tgt Ion:188 Resp: 2115943

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM039043.D

Acq: 20 Mar 2023 14:07

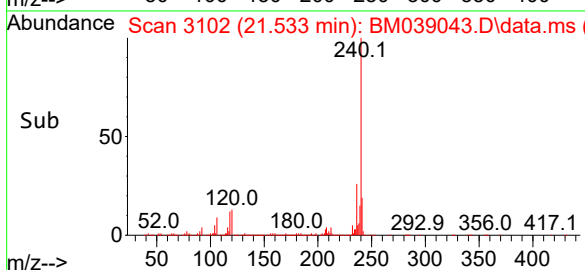
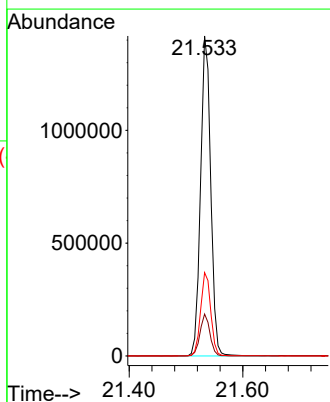
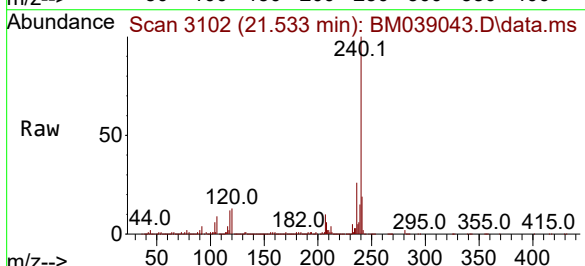
Tgt Ion:240 Resp: 1759503

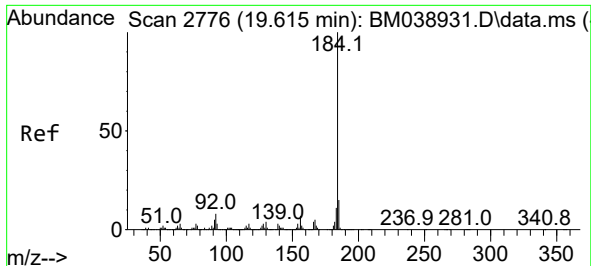
Ion Ratio Lower Upper

240 100

120 13.1 9.2 13.8

236 26.1 20.8 31.2

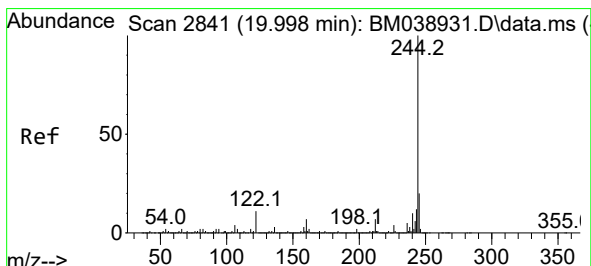
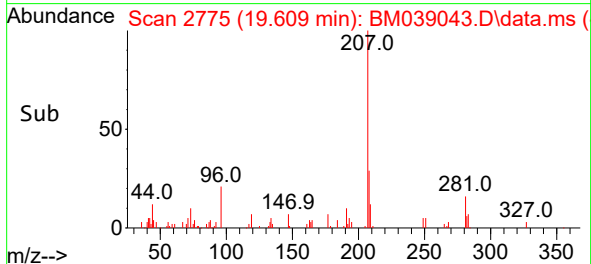
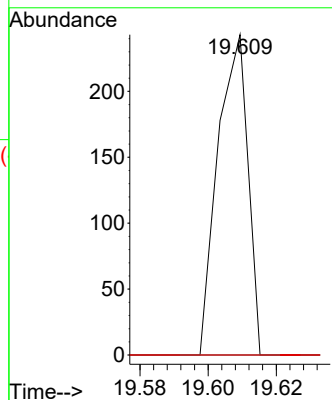
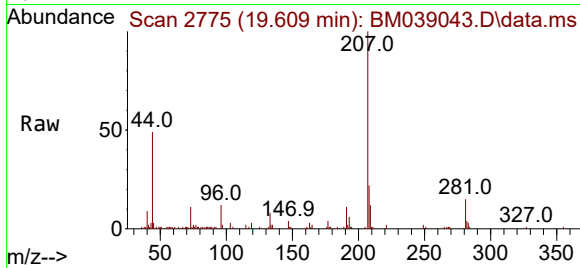




#77
Benzidine
Concen: 4.880 ng
RT: 19.609 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

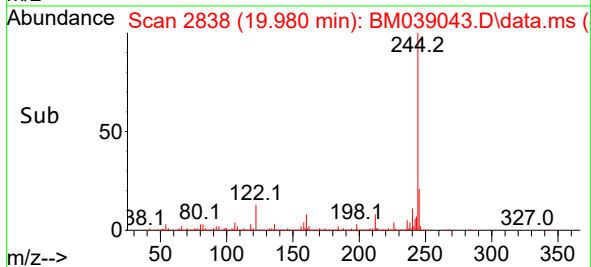
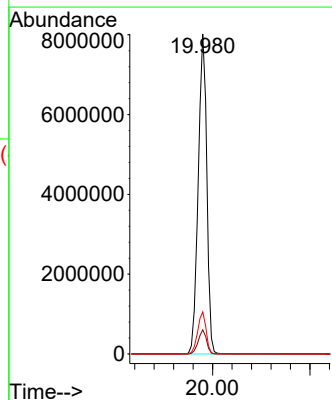
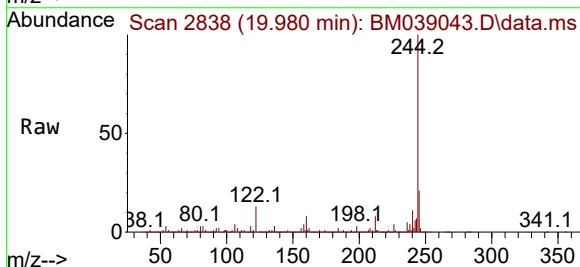
Instrument :
BNA_M
ClientSampleId :
PB151375BL

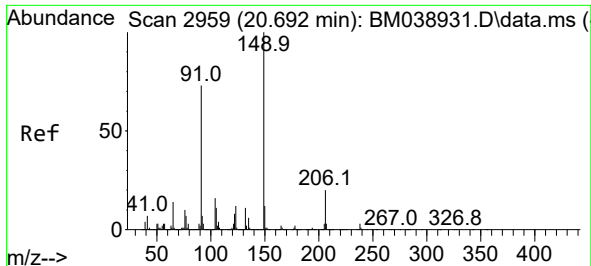
Tgt Ion:184 Resp: 149
Ion Ratio Lower Upper
184 100
185 0.0 12.2 18.4#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 102.472 ng
RT: 19.980 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Tgt Ion:244 Resp: 9861481
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 13.1 9.0 13.4

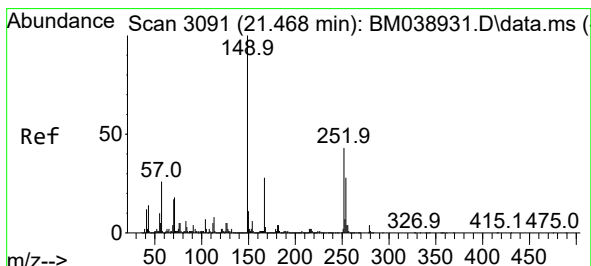
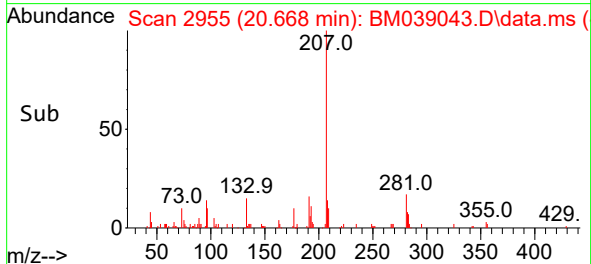
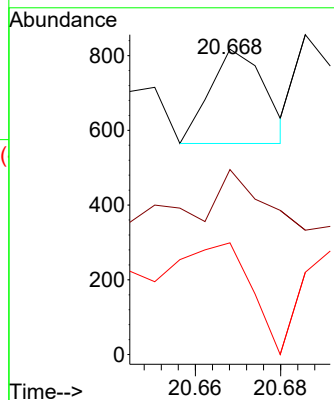
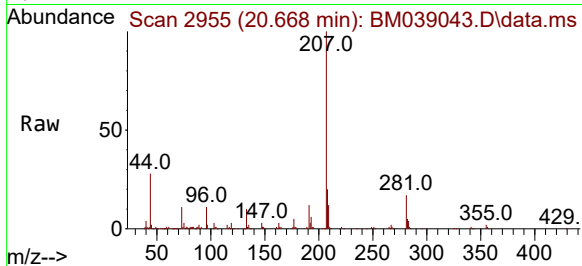




#80
 Butylbenzylphthalate
 Concen: 3.320 ng
 RT: 20.668 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BM039043.D
 Acq: 20 Mar 2023 14:07

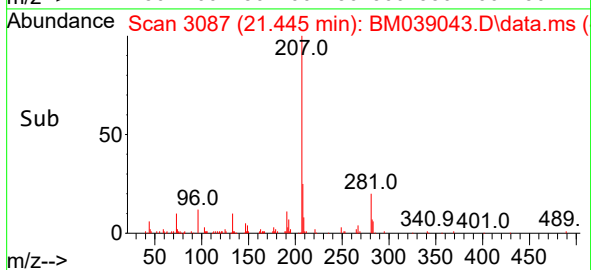
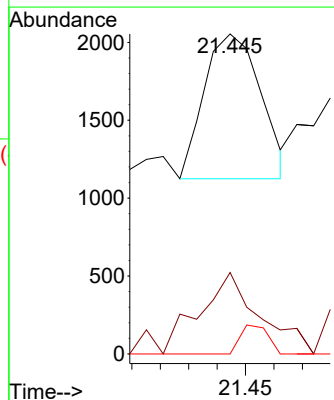
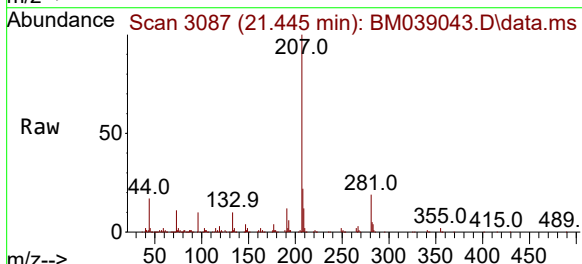
Instrument :
 BNA_M
 ClientSampleId :
 PB151375BL

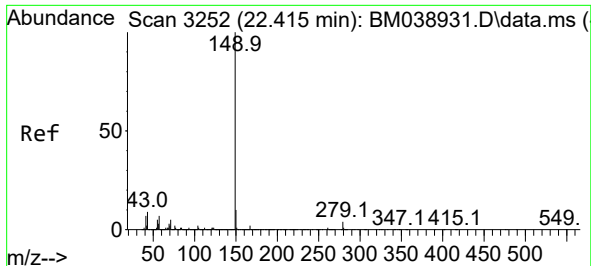
Tgt Ion:149 Resp: 227
 Ion Ratio Lower Upper
 149 100
 91 60.6 58.4 87.6
 206 36.6 16.1 24.1#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.500 ng
 RT: 21.445 min Scan# 3087
 Delta R.T. -0.006 min
 Lab File: BM039043.D
 Acq: 20 Mar 2023 14:07

Tgt Ion:149 Resp: 1285
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.3 33.5
 279 0.0 3.2 4.8#

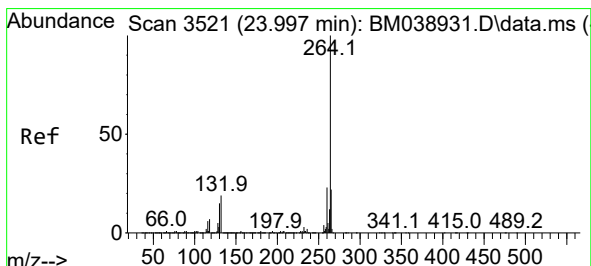
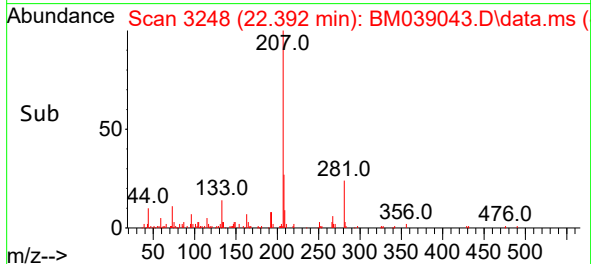
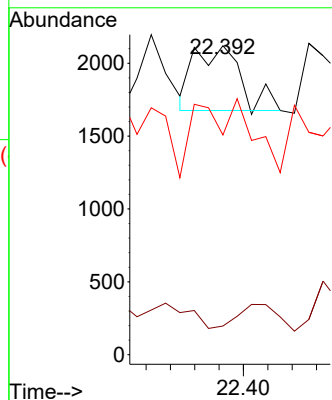
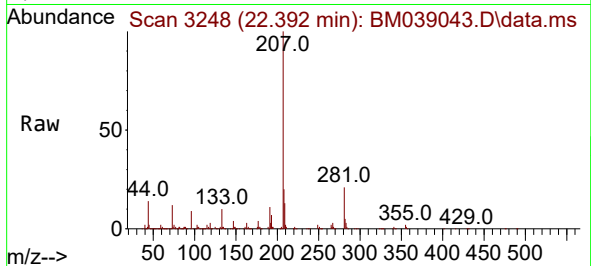




#85
Di-n-octyl phthalate
Concen: 3.801 ng
RT: 22.392 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Instrument :
BNA_M
ClientSampleId :
PB151375BL

Tgt Ion:149 Resp: 589
Ion Ratio Lower Upper
149 100
167 34.1 1.2 1.8#
43 143.5 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039043.D
Acq: 20 Mar 2023 14:07

Tgt Ion:264 Resp: 1727025
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.8 17.9 26.9

