

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039081.D
 Acq On : 21 Mar 2023 22:45
 Operator : CG/JU
 Sample : 02002-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 031023-3

Quant Time: Mar 22 03:45:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

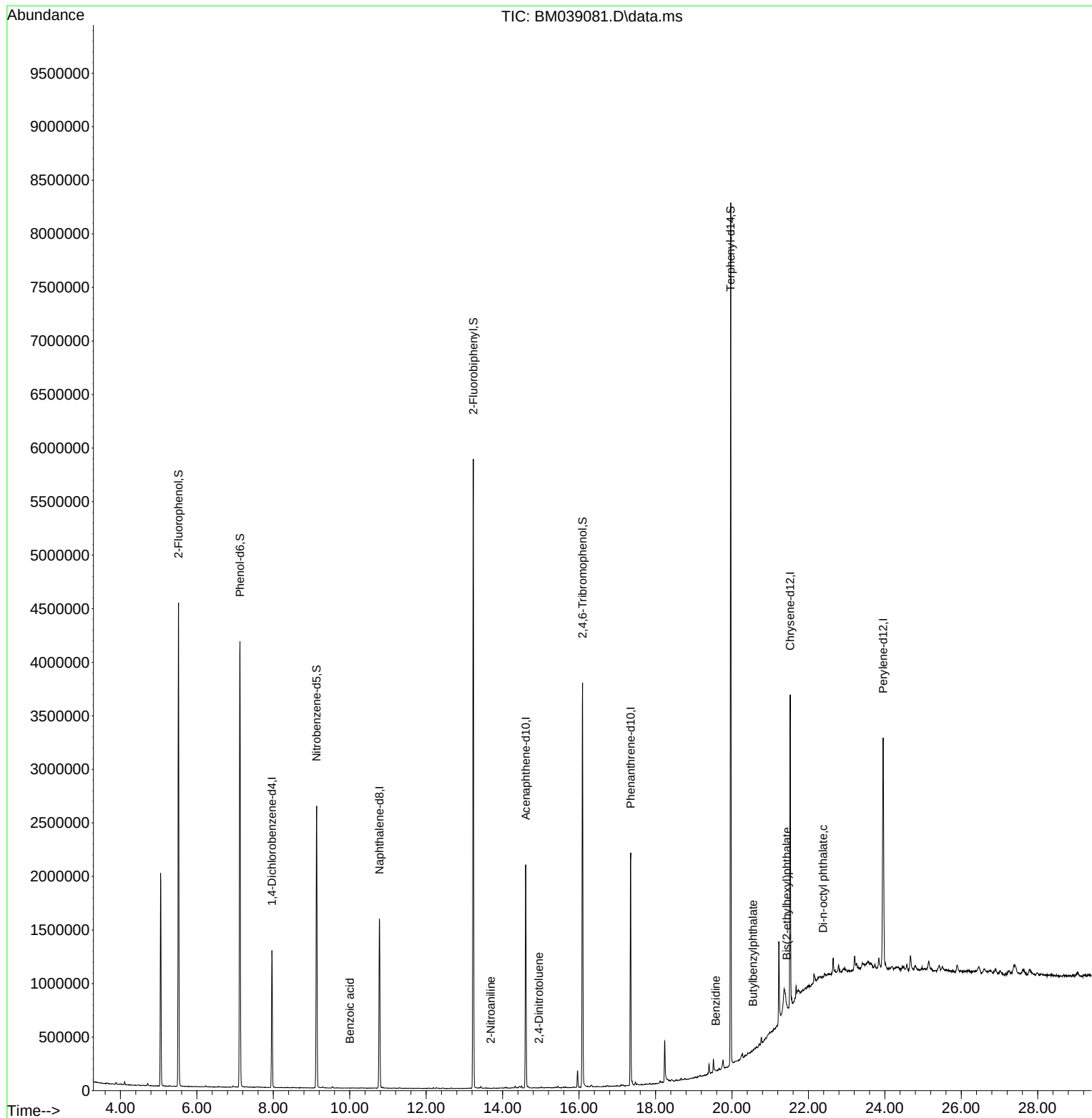
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	334295	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1319307	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	683328	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1282442	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1297483	20.000	ng	0.00
86) Perylene-d12	23.956	264	1537722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1986270	90.271	ng	0.00
7) Phenol-d6	7.128	99	2472545	86.513	ng	0.00
23) Nitrobenzene-d5	9.134	82	1495774	55.691	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	630274	79.731	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2900328	55.254	ng	0.00
79) Terphenyl-d14	19.968	244	3568801	50.289	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.004	122	80	5.737	ng	# 51
48) 2-Nitroaniline	13.692	65	270	2.234	ng	# 6
57) 2,4-Dinitrotoluene	14.951	165	158	2.081	ng	# 22
77) Benzidine	19.580	184	179	4.882	ng	# 1
80) Butylbenzylphthalate	20.550	149	486	3.327	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.433	149	7072	2.597	ng	# 88
85) Di-n-octyl phthalate	22.386	149	2687	3.821	ng	# 75

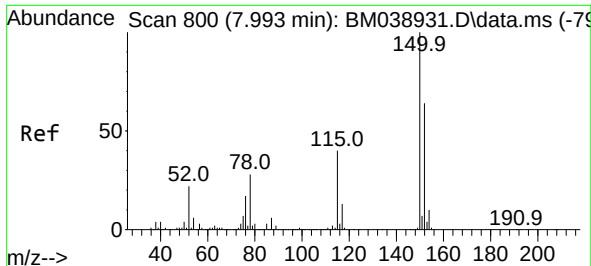
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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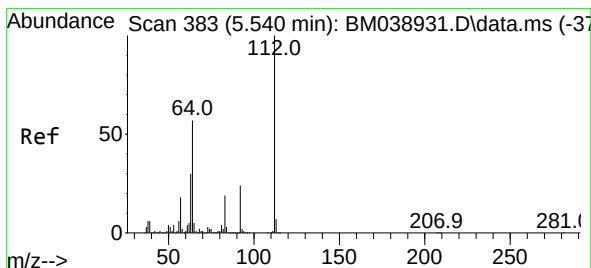
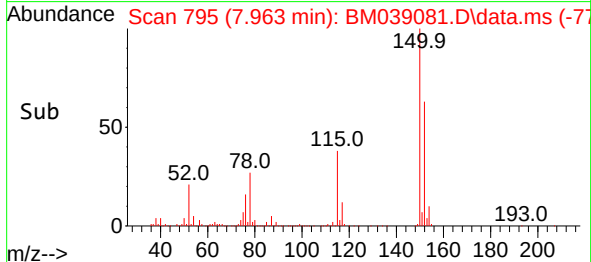
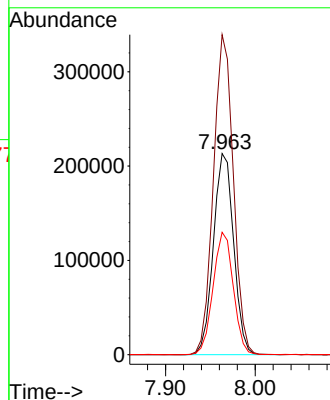
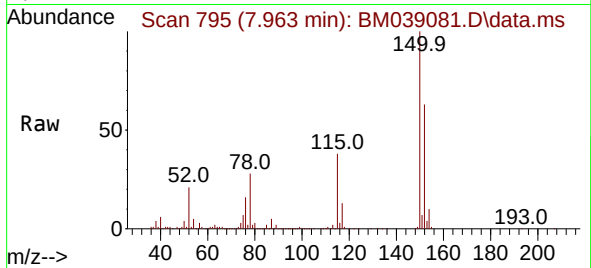




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

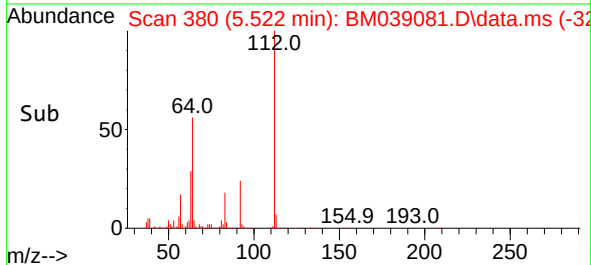
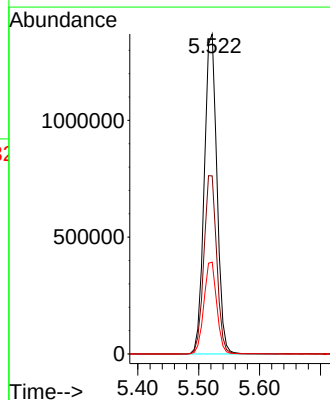
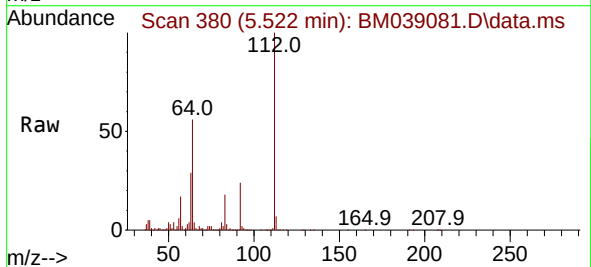
Instrument :
BNA_M
ClientSampleId :
031023-3

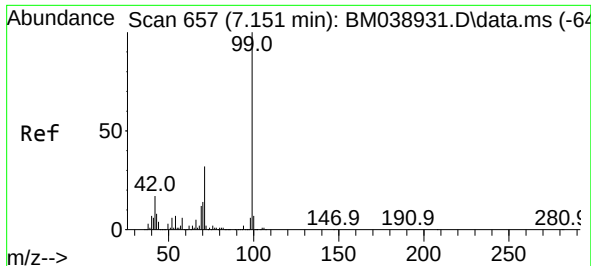
Tgt Ion:152 Resp: 334295
Ion Ratio Lower Upper
152 100
150 159.2 125.1 187.7
115 60.8 49.6 74.4



#5
2-Fluorophenol
Concen: 90.271 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:112 Resp: 1986270
Ion Ratio Lower Upper
112 100
64 55.6 45.9 68.9
63 28.7 23.8 35.8

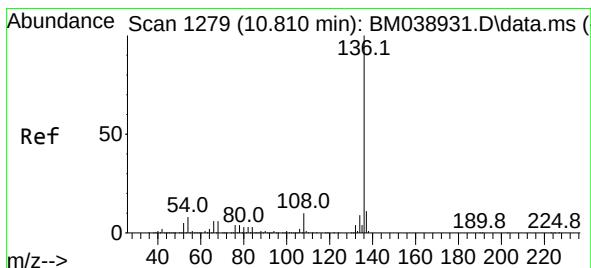
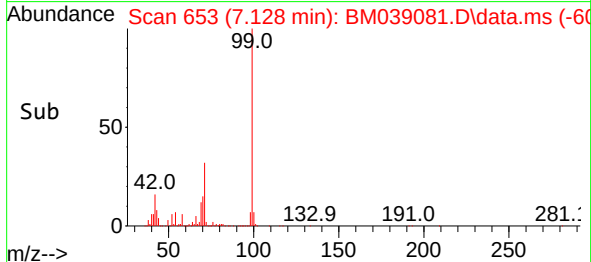
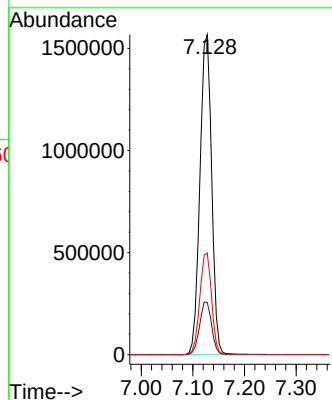
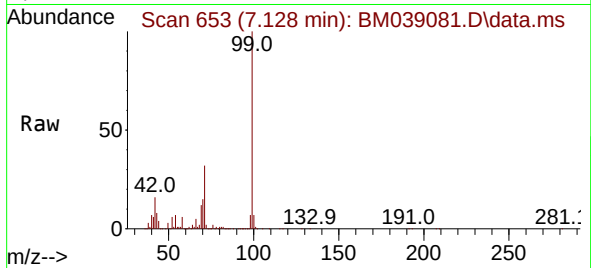




#7
Phenol-d6
Concen: 86.513 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

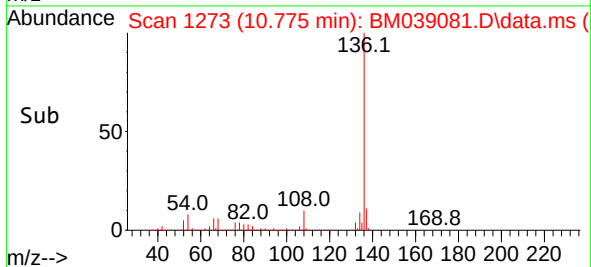
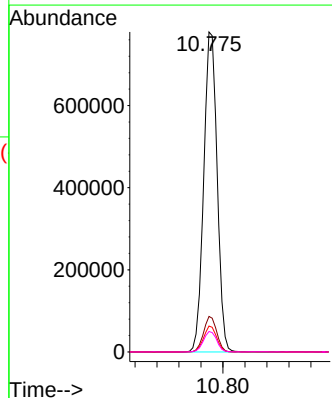
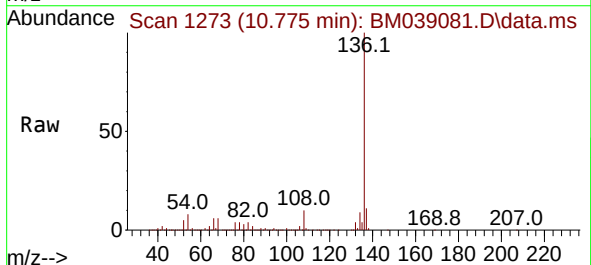
Instrument :
BNA_M
ClientSampleId :
031023-3

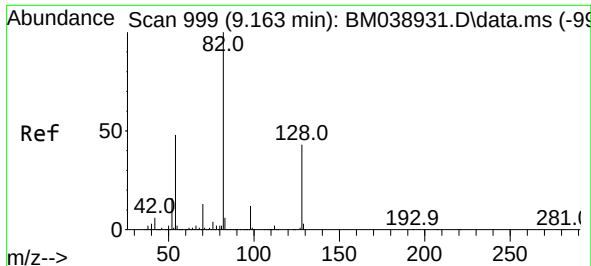
Tgt Ion: 99 Resp: 2472545
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion: 136 Resp: 1319307
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.1 6.3 9.5
68 6.4 5.0 7.6

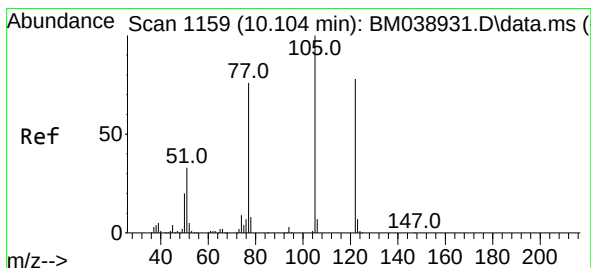
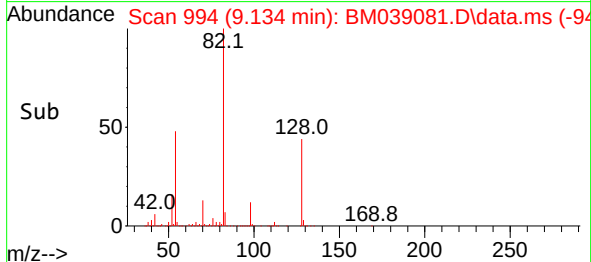
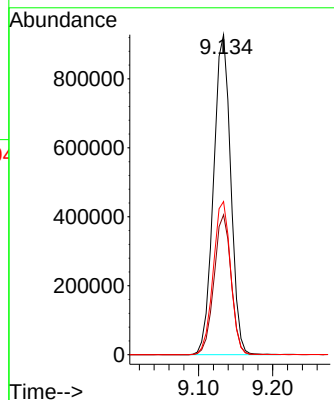
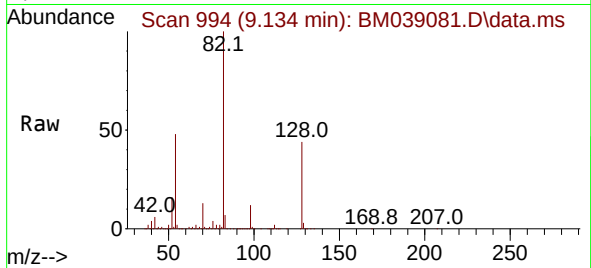




#23
Nitrobenzene-d5
Concen: 55.691 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

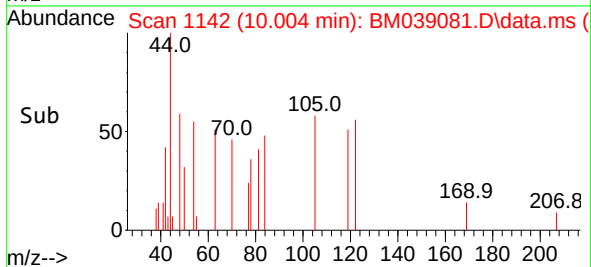
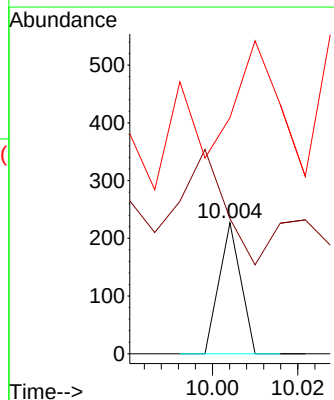
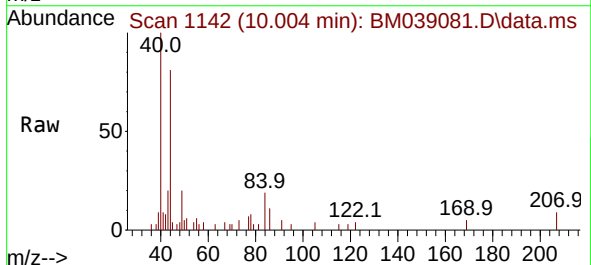
Instrument :
BNA_M
ClientSampleId :
031023-3

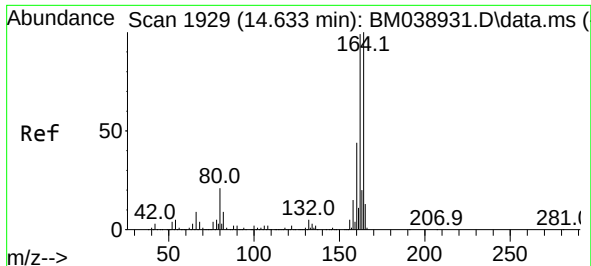
Tgt Ion: 82 Resp: 1495774
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 47.9 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.004 min Scan# 1142
Delta R.T. -0.082 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 103.1 104.2 144.2#
77 180.2 75.1 115.1#

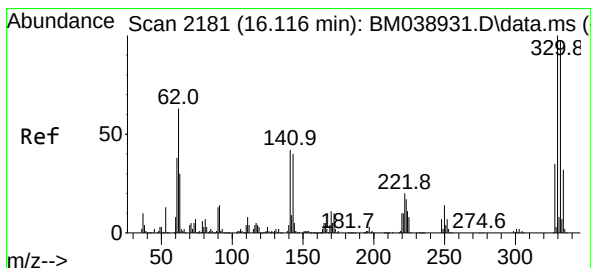
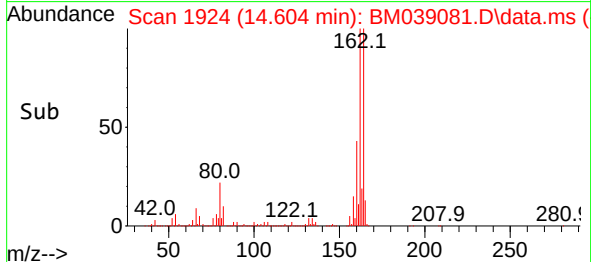
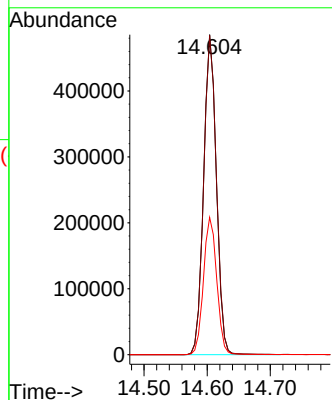
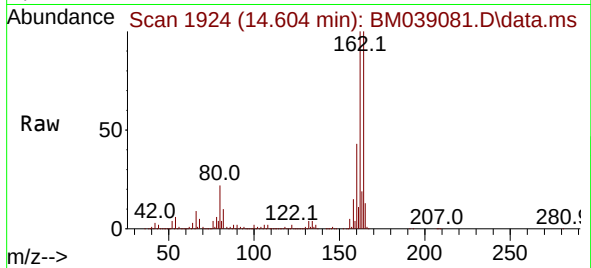




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

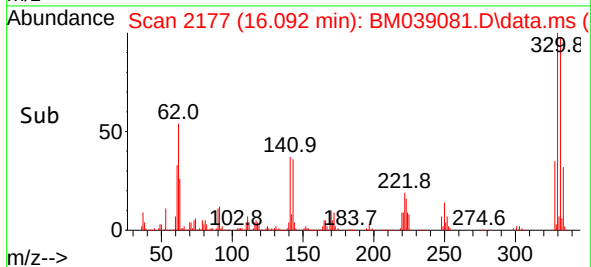
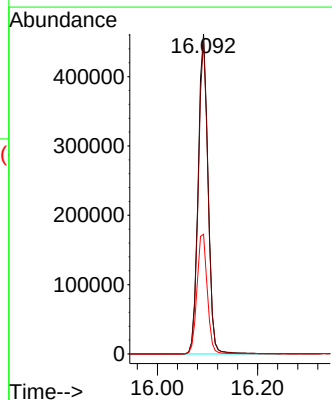
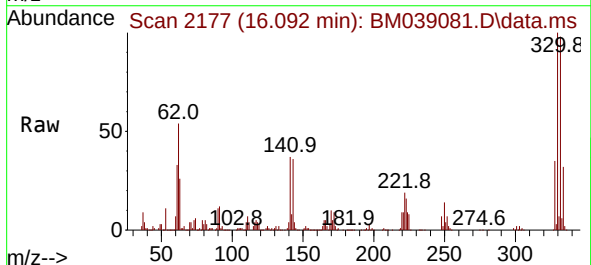
Instrument :
BNA_M
ClientSampleId :
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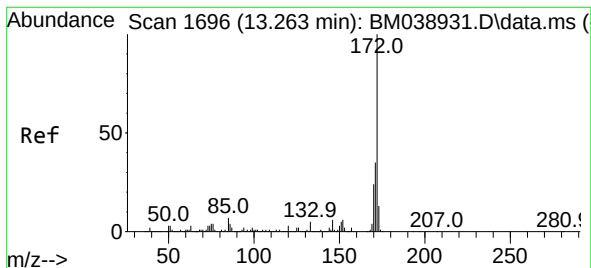
Tgt Ion:164 Resp: 683328
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 42.9 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 79.731 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:330 Resp: 630274
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 39.0 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 55.254 ng

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039081.D

Acq: 21 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

031023-3

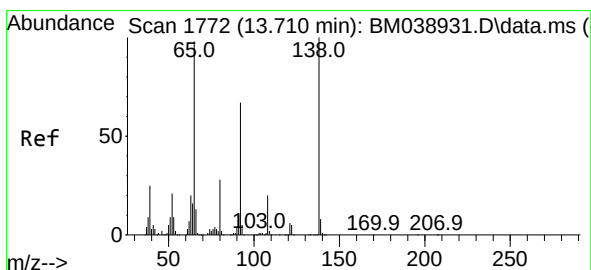
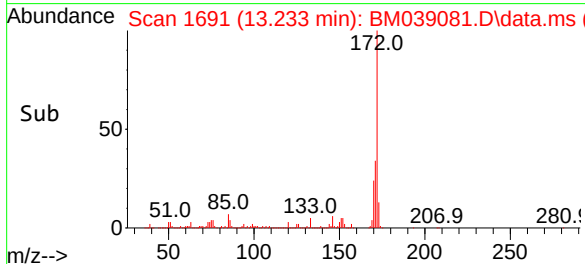
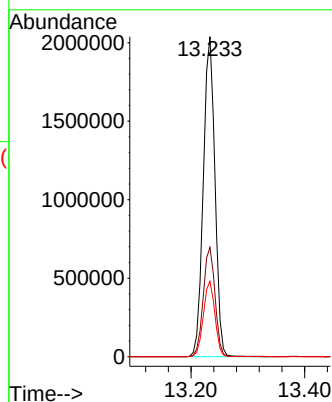
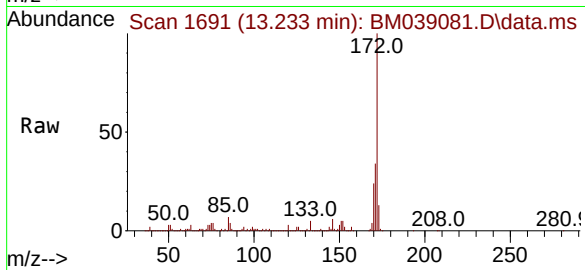
Tgt Ion:172 Resp: 2900328

Ion Ratio Lower Upper

172 100

171 34.2 28.2 42.2

170 23.5 19.1 28.7



#48

2-Nitroaniline

Concen: 2.234 ng

RT: 13.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BM039081.D

Acq: 21 Mar 2023 22:45

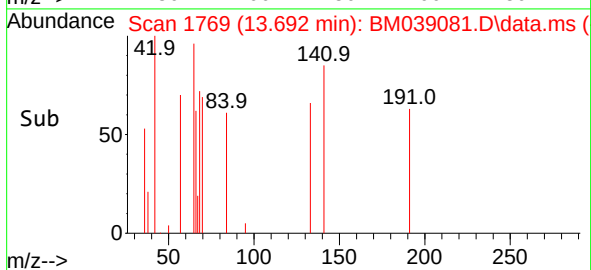
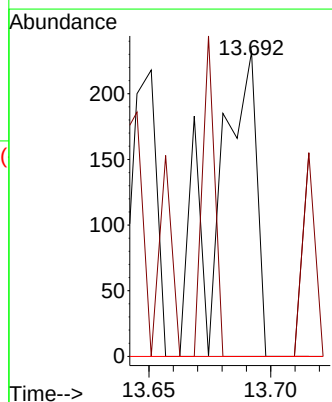
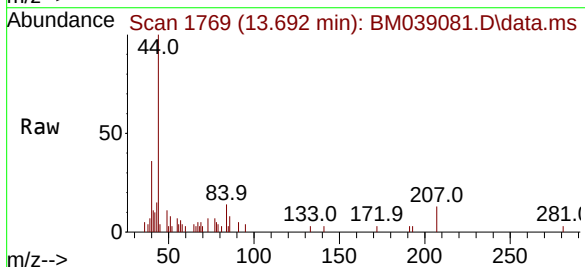
Tgt Ion: 65 Resp: 270

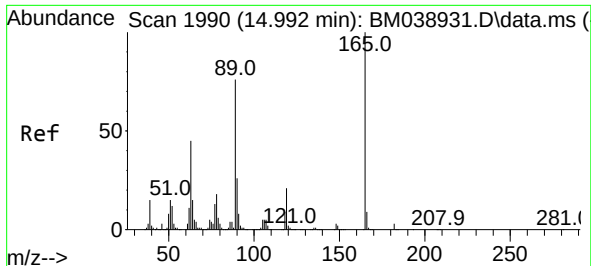
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#

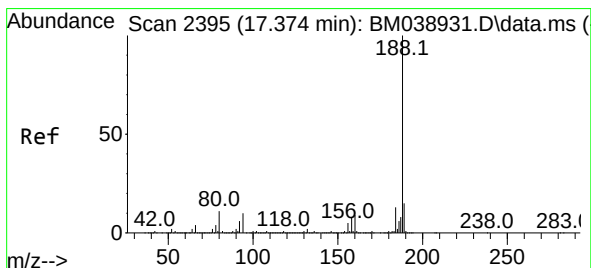
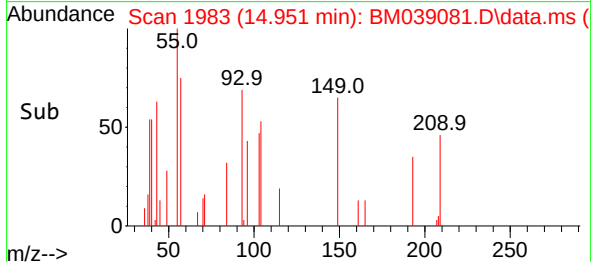
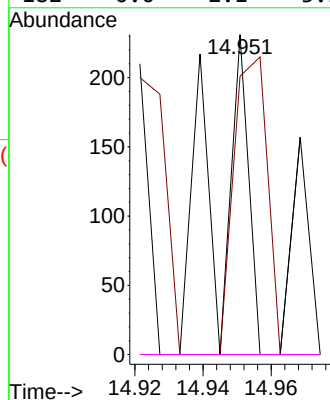
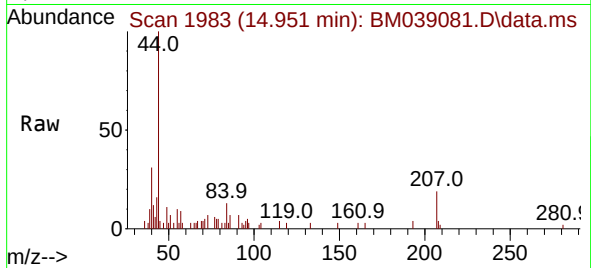




#57
2,4-Dinitrotoluene
Concen: 2.081 ng
RT: 14.951 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

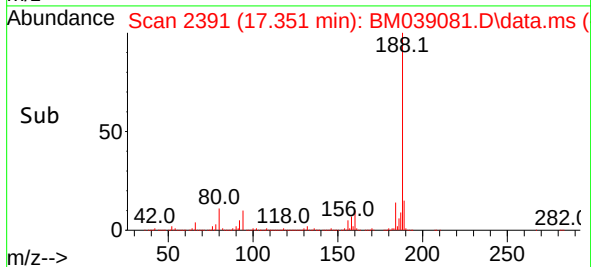
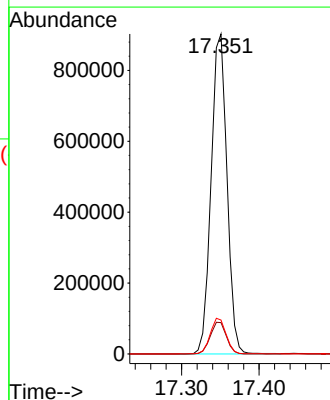
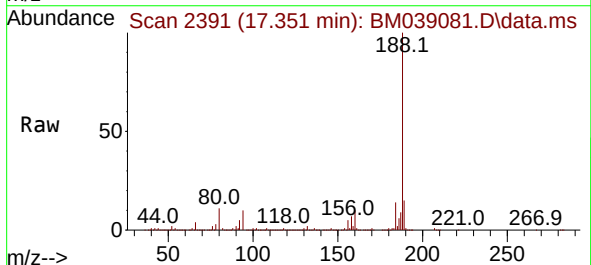
Instrument :
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031023-3

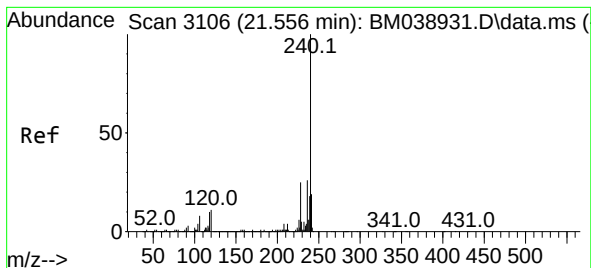
Tgt Ion:165 Resp: 158
Ion Ratio Lower Upper
165 100
63 87.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:188 Resp: 1282442
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039081.D

Acq: 21 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

031023-3

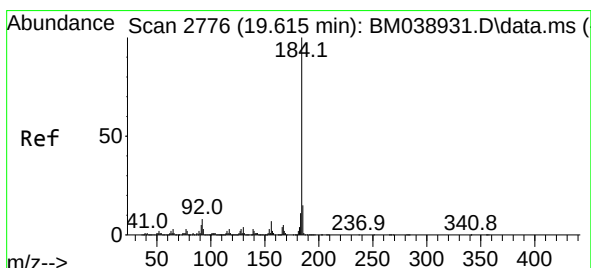
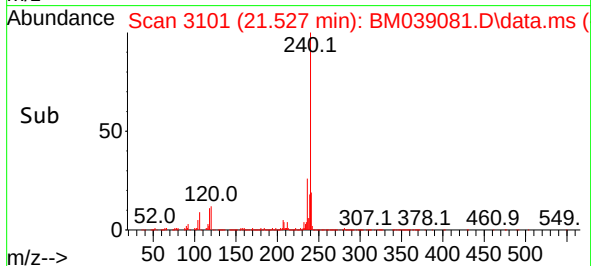
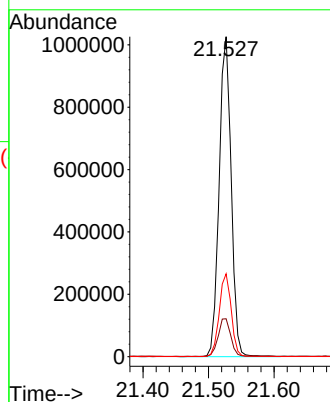
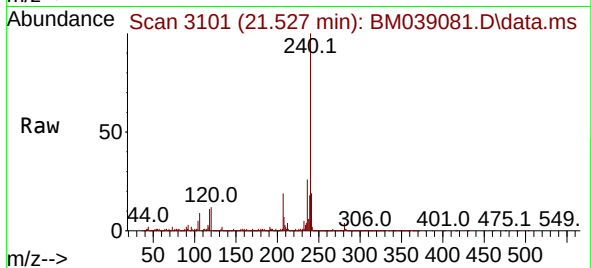
Tgt Ion:240 Resp: 1297483

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.9 20.8 31.2



#77

Benzidine

Concen: 4.882 ng

RT: 19.580 min Scan# 2770

Delta R.T. -0.012 min

Lab File: BM039081.D

Acq: 21 Mar 2023 22:45

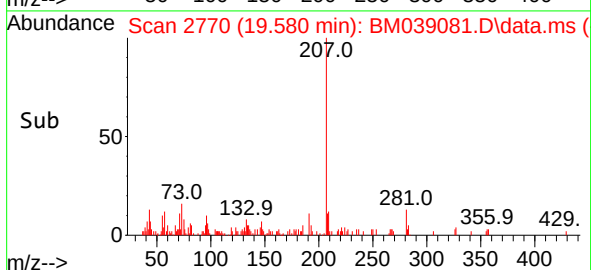
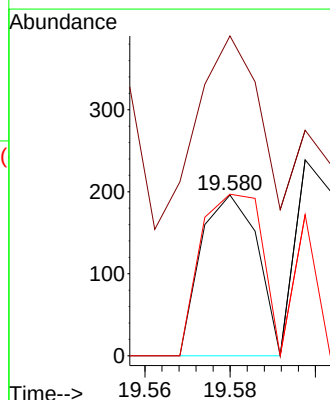
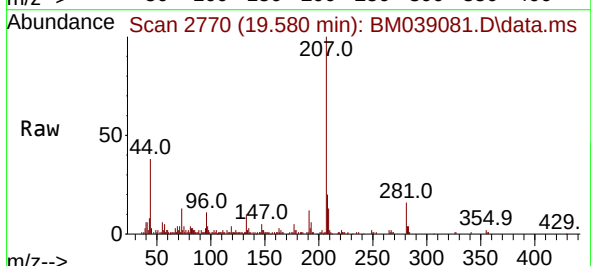
Tgt Ion:184 Resp: 179

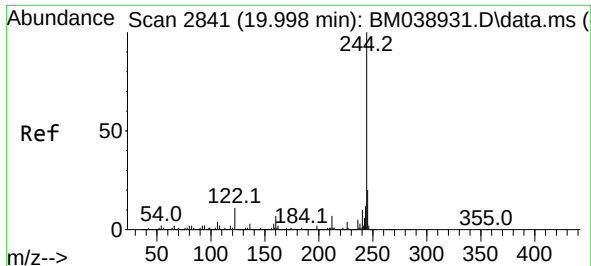
Ion Ratio Lower Upper

184 100

185 199.0 12.2 18.4#

183 100.5 8.8 13.2#

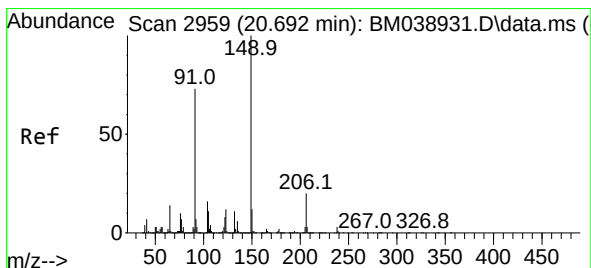
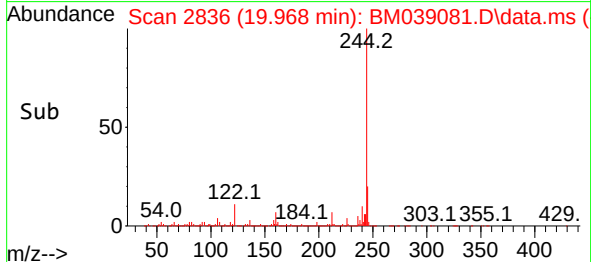
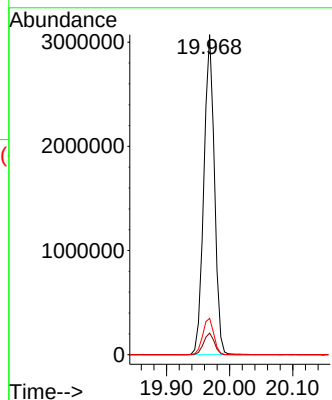
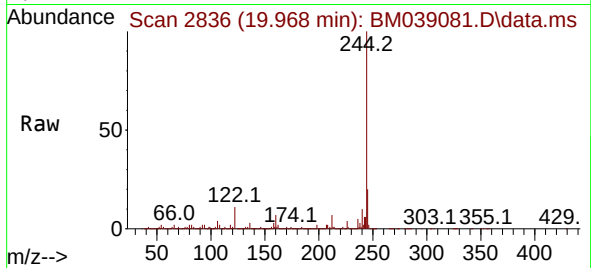




#79
 Terphenyl-d14
 Concen: 50.289 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039081.D
 Acq: 21 Mar 2023 22:45

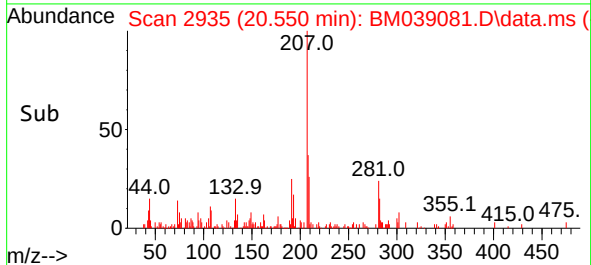
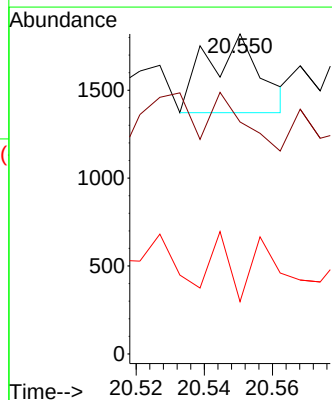
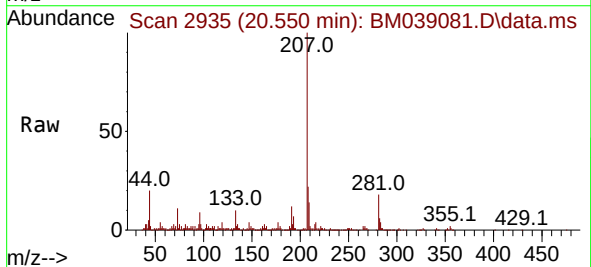
Instrument :
 BNA_M
 ClientSampleId :
 031023-3

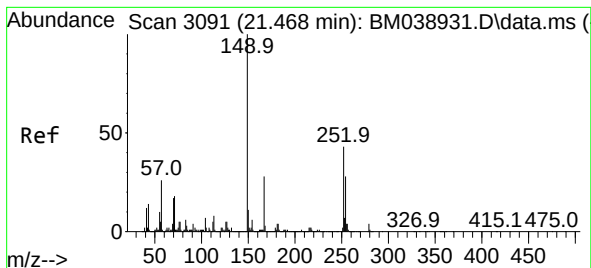
Tgt Ion:244 Resp: 3568801
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.327 ng
 RT: 20.550 min Scan# 2935
 Delta R.T. -0.112 min
 Lab File: BM039081.D
 Acq: 21 Mar 2023 22:45

Tgt Ion:149 Resp: 486
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.4 87.6
 206 16.3 16.1 24.1

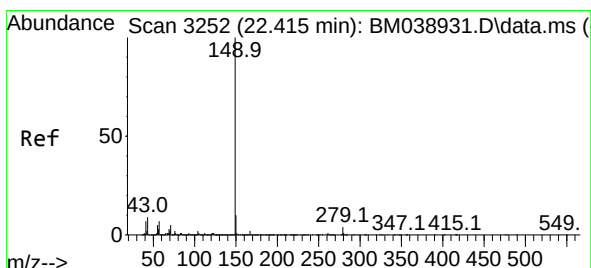
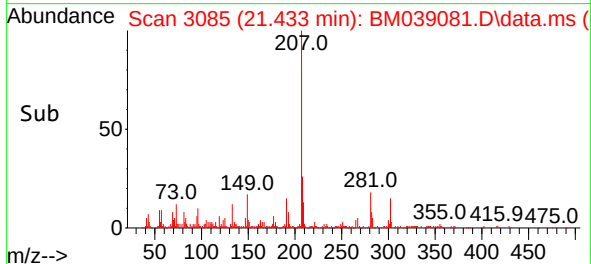
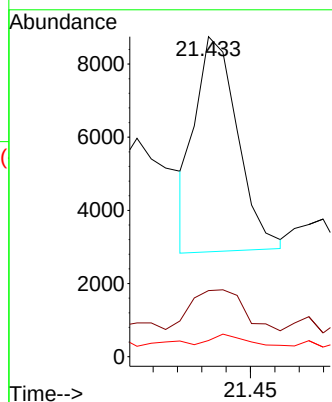
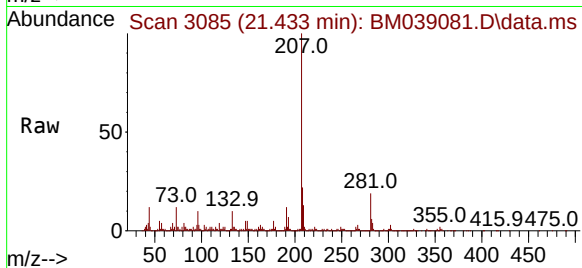




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.597 ng
RT: 21.433 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

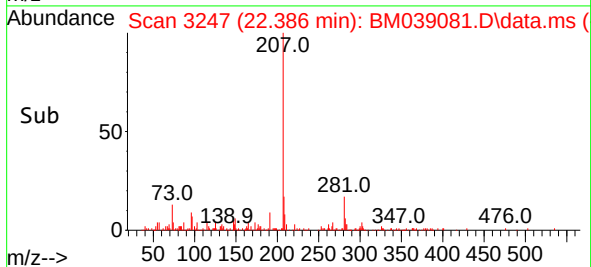
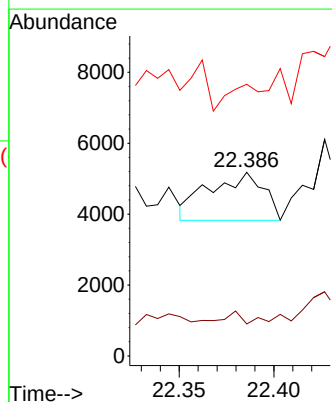
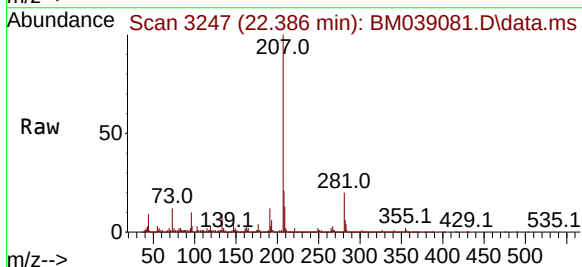
Instrument :
BNA_M
ClientSampleId :
031023-3

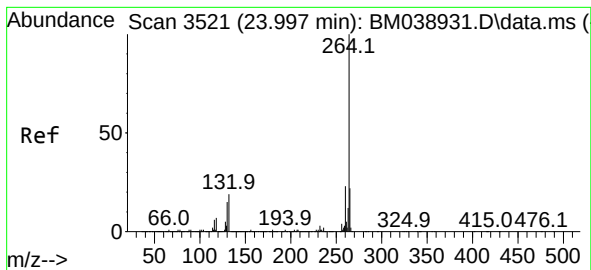
Tgt Ion:149 Resp: 7072
Ion Ratio Lower Upper
149 100
167 20.6 22.3 33.5#
279 5.1 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.821 ng
RT: 22.386 min Scan# 3247
Delta R.T. 0.012 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:149 Resp: 2687
Ion Ratio Lower Upper
149 100
167 8.9 1.2 1.8#
43 0.0 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Instrument :
BNA_M
ClientSampleId :
031023-3

Tgt Ion:264 Resp: 1537722

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.9	26.9

