

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039095.D
 Acq On : 22 Mar 2023 16:52
 Operator : CG/JU
 Sample : 02002-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 031023-3

Quant Time: Mar 23 04:23:50 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)

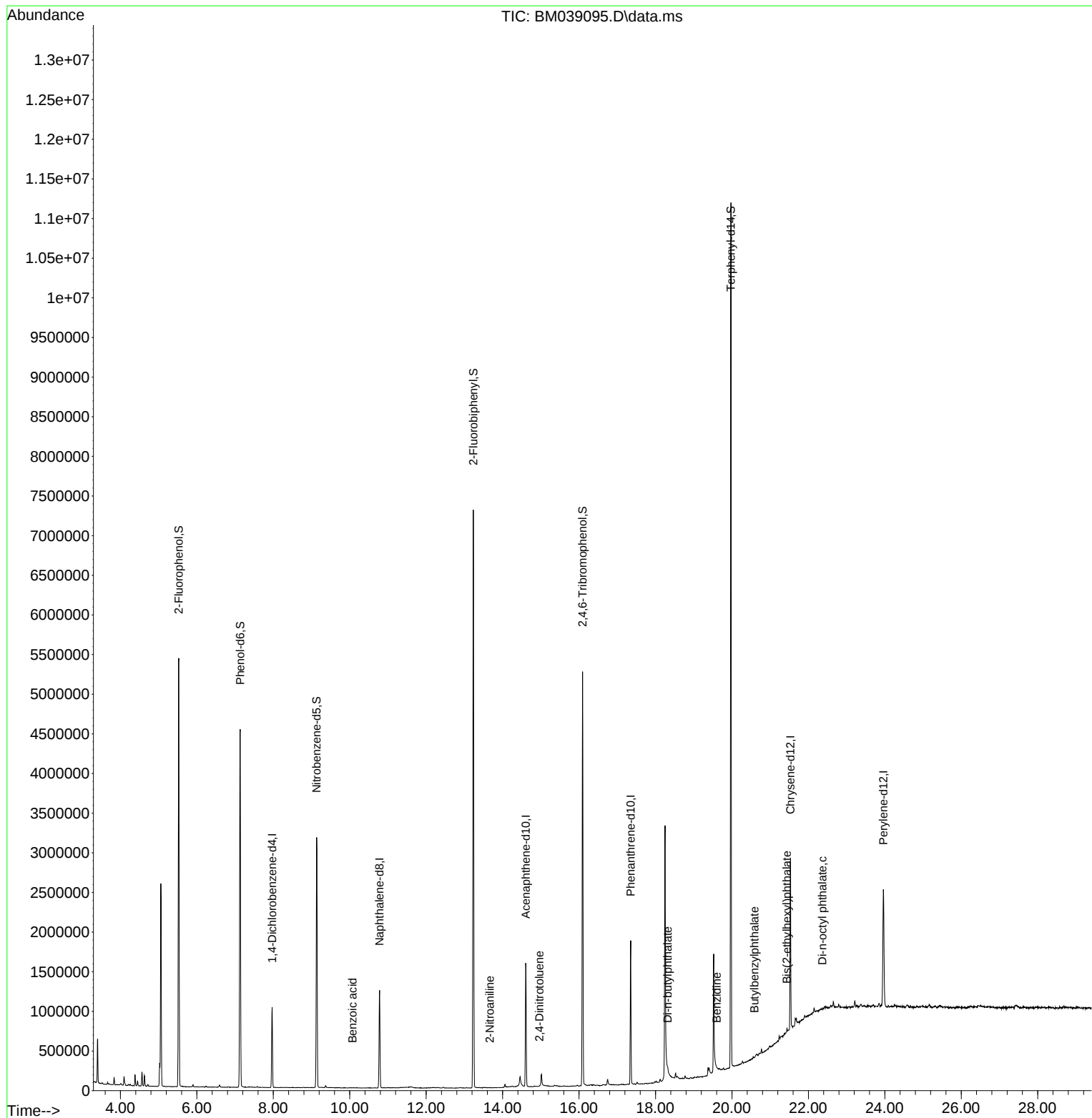
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	263363	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	989871	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	531860	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1044630	20.000	ng	0.00
76) Chrysene-d12	21.533	240	970615	20.000	ng	0.00
86) Perylene-d12	23.962	264	1087361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2358824	136.076	ng	0.00
7) Phenol-d6	7.134	99	2682588	119.142	ng	0.00
23) Nitrobenzene-d5	9.133	82	1838456	91.231	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	874304	142.099	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3609577	88.349	ng	0.00
79) Terphenyl-d14	19.974	244	5019870	94.558	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	412	5.763	ng	# 47
48) 2-Nitroaniline	13.668	65	814	2.287	ng	# 6
57) 2,4-Dinitrotoluene	14.962	165	288	2.094	ng	# 53
74) Di-n-butylphthalate	18.321	149	25681	2.162	ng	# 99
77) Benzidine	19.603	184	85	4.880	ng	# 1
80) Butylbenzylphthalate	20.592	149	539	3.332	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.439	149	14980	2.802	ng	# 90
85) Di-n-octyl phthalate	22.368	149	2454	3.827	ng	# 76

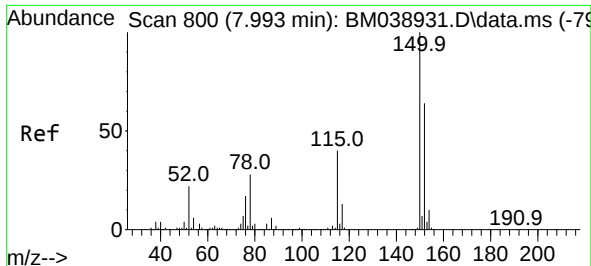
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039095.D
Acq On : 22 Mar 2023 16:52
Operator : CG/JU
Sample : 02002-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
031023-3

Quant Time: Mar 23 04:23:50 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

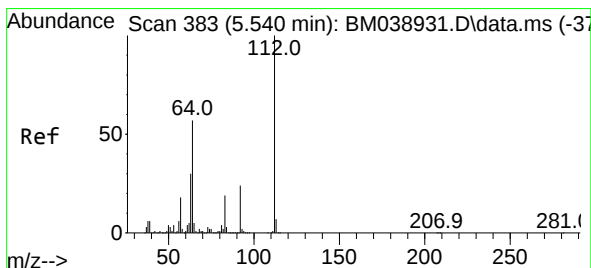
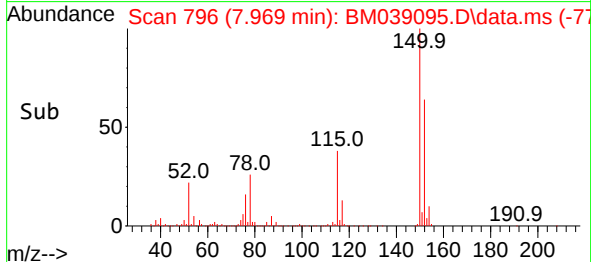
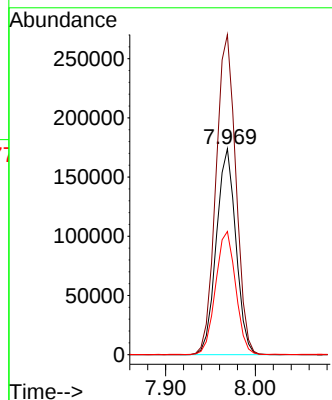
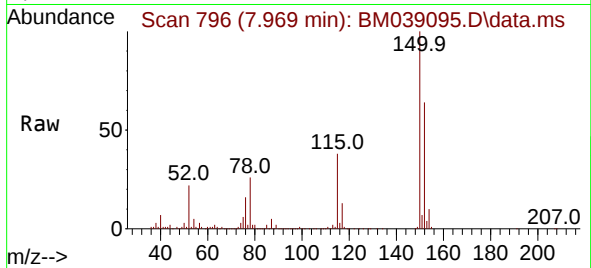




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

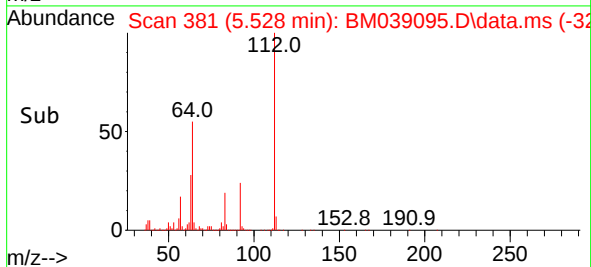
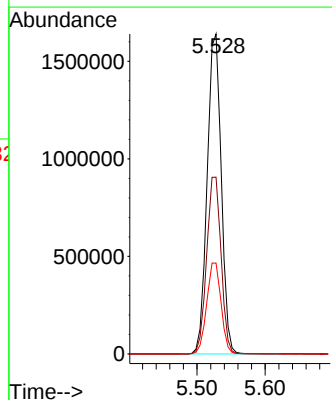
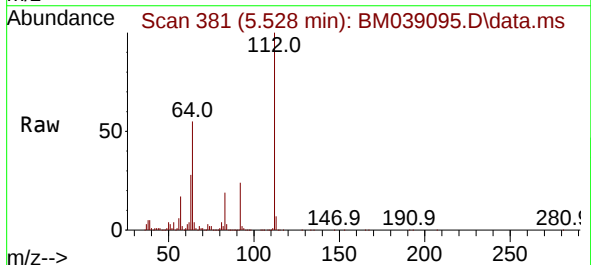
Instrument :
BNA_M
ClientSampleId :
031023-3

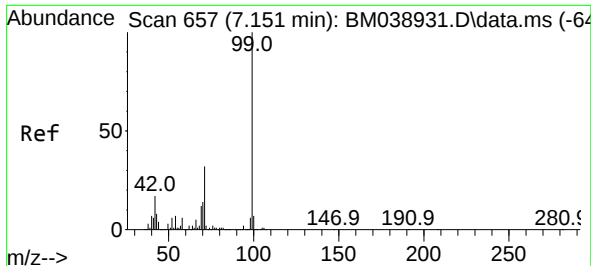
Tgt Ion:152 Resp: 263363
Ion Ratio Lower Upper
152 100
150 155.4 125.1 187.7
115 59.8 49.6 74.4



#5
2-Fluorophenol
Concen: 136.076 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Tgt Ion:112 Resp: 2358824
Ion Ratio Lower Upper
112 100
64 55.3 45.9 68.9
63 28.4 23.8 35.8



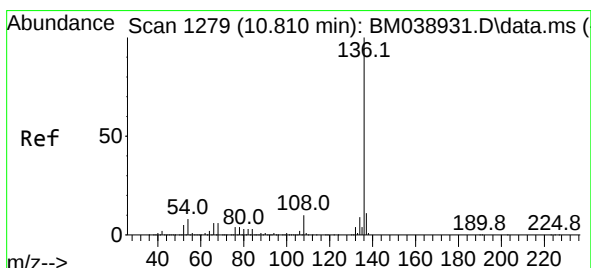
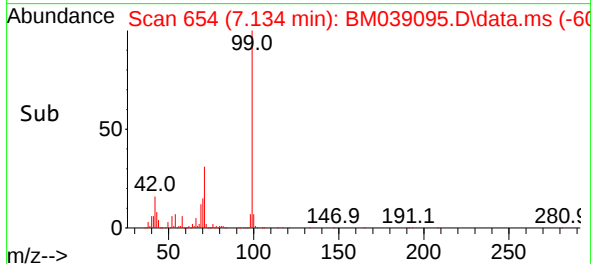
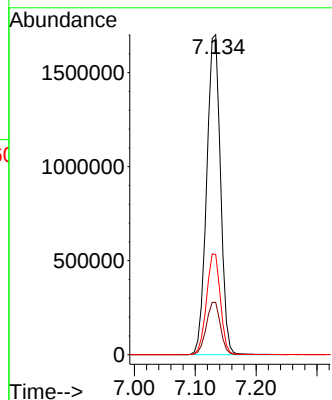
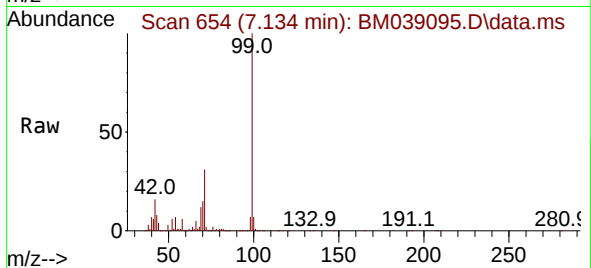


#7
Phenol-d6
Concen: 119.142 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Instrument :
BNA_M
ClientSampleId :
031023-3

Tgt Ion: 99 Resp: 2682588

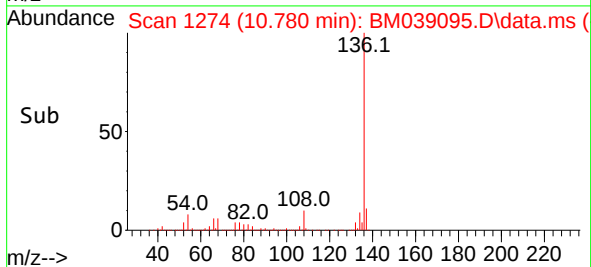
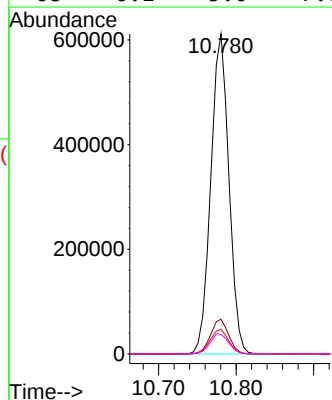
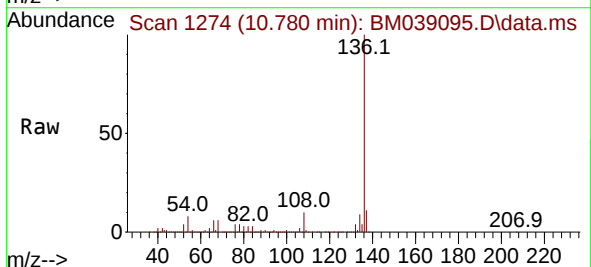
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.3	25.6	38.4

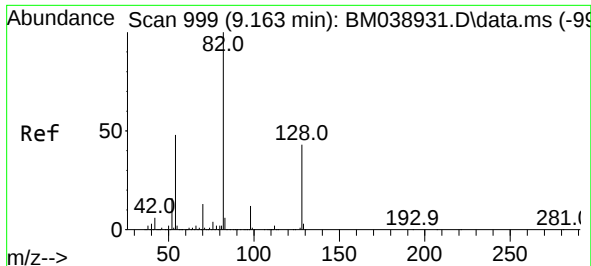


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Tgt Ion: 136 Resp: 989871

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.3	9.5
68	6.1	5.0	7.6

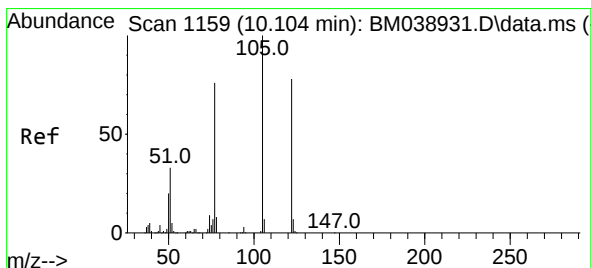
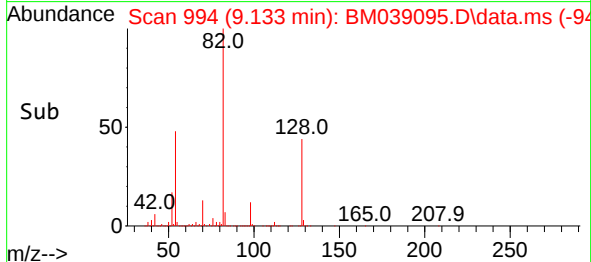
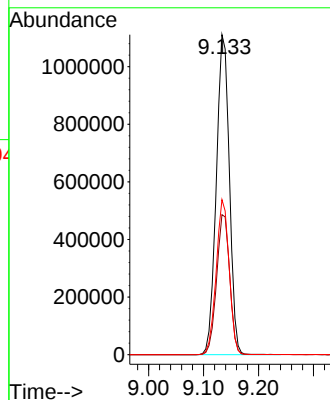
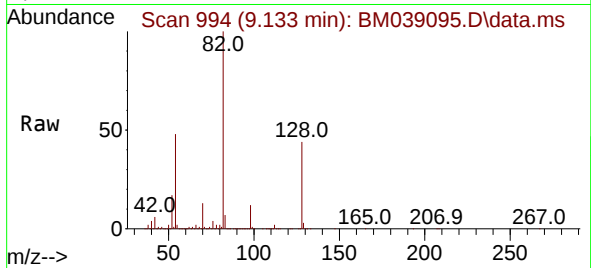




#23
Nitrobenzene-d5
Concen: 91.231 ng
RT: 9.133 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

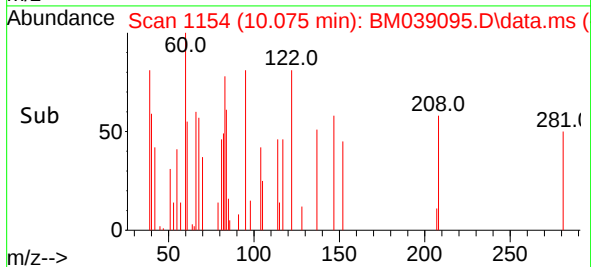
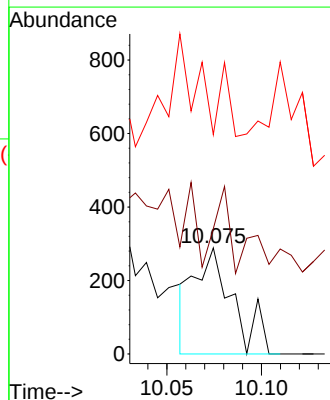
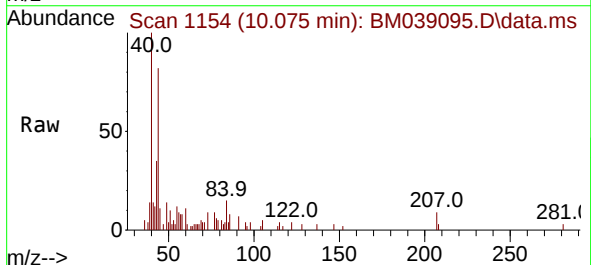
Instrument :
BNA_M
ClientSampleId :
031023-3

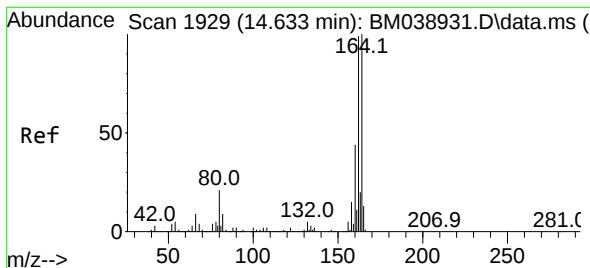
Tgt Ion: 82 Resp: 1838456
Ion Ratio Lower Upper
82 100
128 43.8 34.4 51.6
54 48.5 38.8 58.2



#32
Benzoic acid
Concen: 5.763 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Tgt Ion:122 Resp: 412
Ion Ratio Lower Upper
122 100
105 118.0 104.2 144.2
77 206.6 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: BM039095.D

Acq: 22 Mar 2023 16:52

Instrument :

BNA_M

ClientSampleId :

031023-3

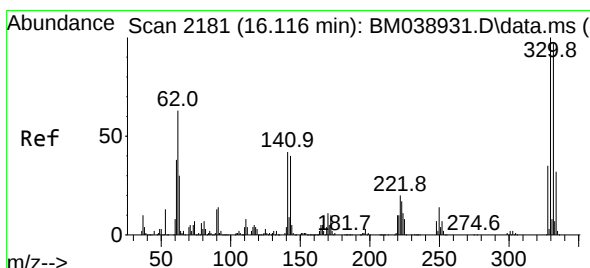
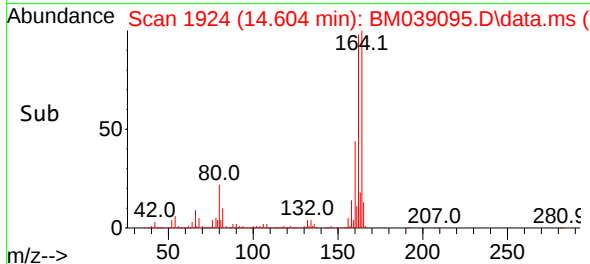
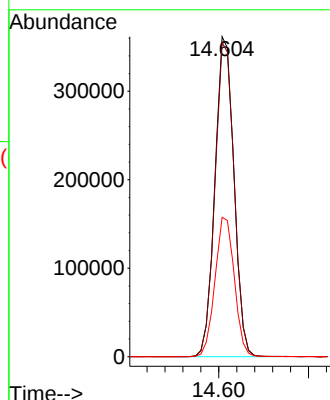
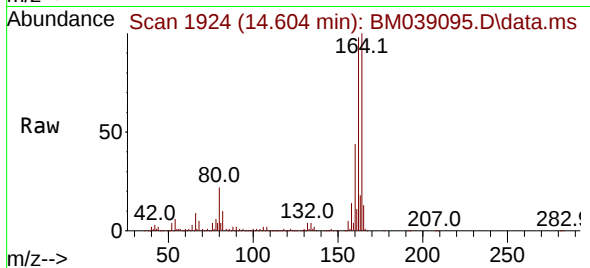
Tgt Ion:164 Resp: 531860

Ion Ratio Lower Upper

164 100

162 98.2 79.2 118.8

160 43.5 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 142.099 ng

RT: 16.092 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

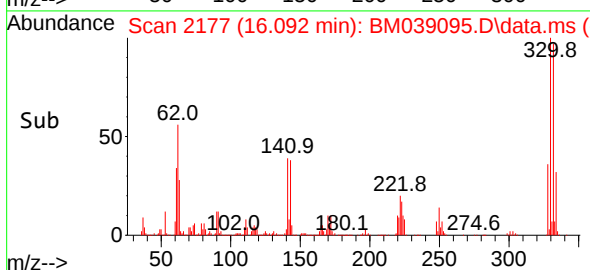
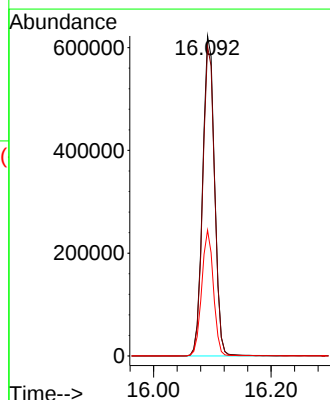
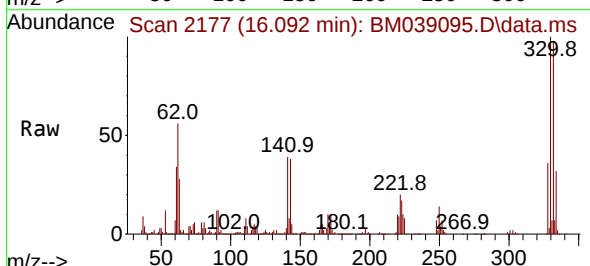
Tgt Ion:330 Resp: 874304

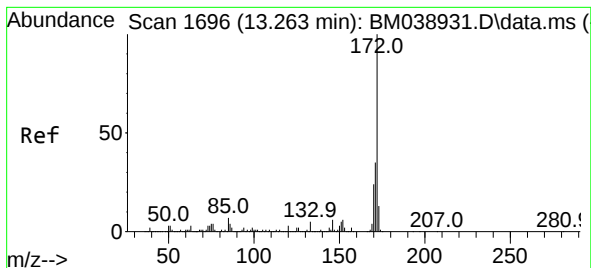
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 38.6 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 88.349 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

Instrument :

BNA_M

ClientSampleId :

031023-3

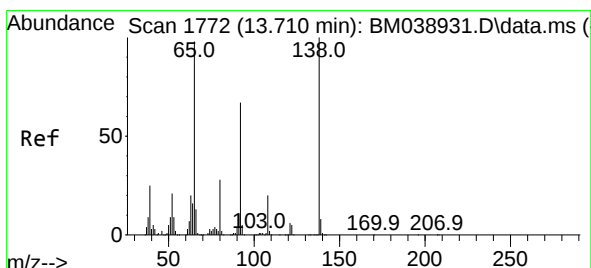
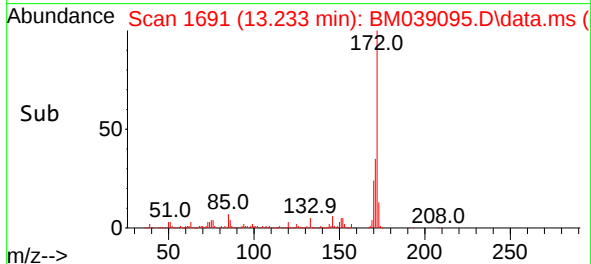
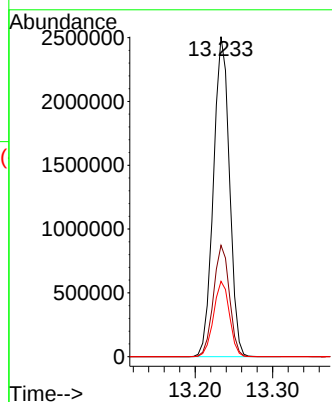
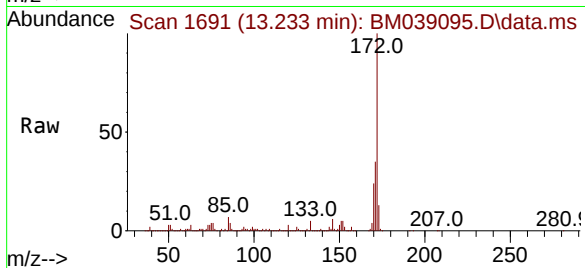
Tgt Ion:172 Resp: 3609577

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.6 19.1 28.7



#48

2-Nitroaniline

Concen: 2.287 ng

RT: 13.668 min Scan# 1765

Delta R.T. -0.024 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

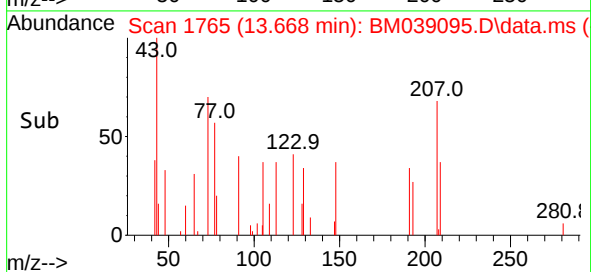
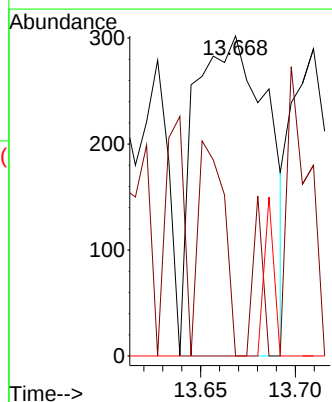
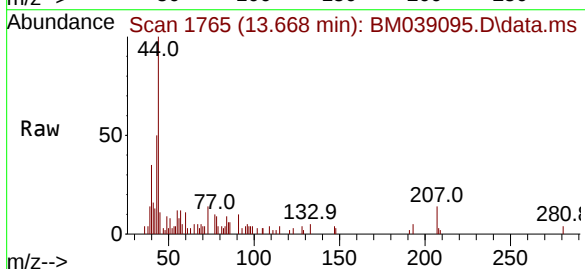
Tgt Ion: 65 Resp: 814

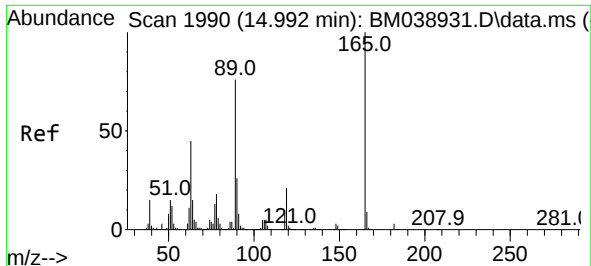
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#

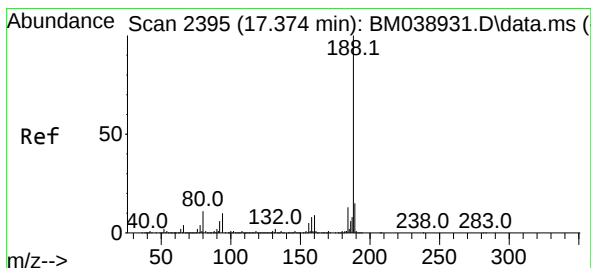
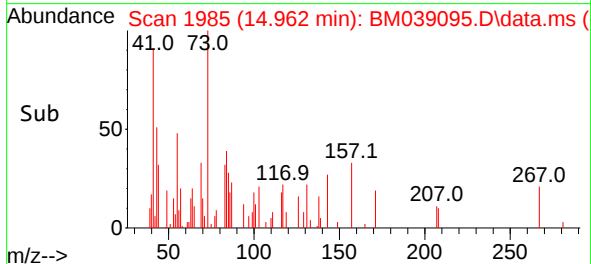
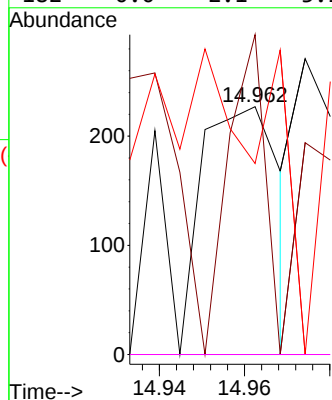
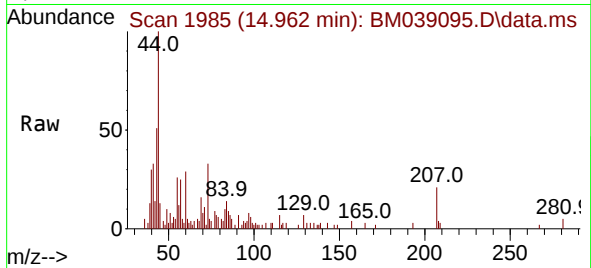




#57
2,4-Dinitrotoluene
Concen: 2.094 ng
RT: 14.962 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

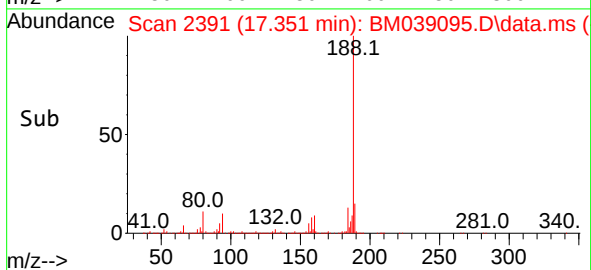
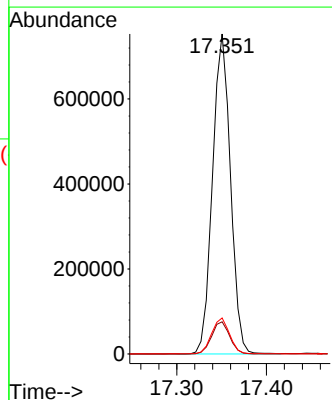
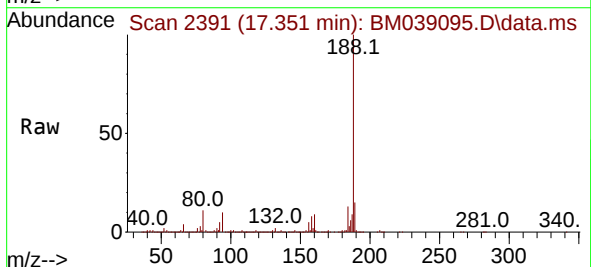
Instrument :
BNA_M
ClientSampleId :
031023-3

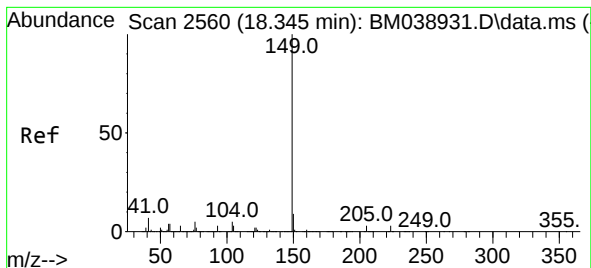
Tgt Ion:165 Resp: 288
Ion Ratio Lower Upper
165 100
63 129.1 35.9 53.9#
89 77.1 61.0 91.6
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Tgt Ion:188 Resp: 1044630
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.3 8.5 12.7





#74

Di-n-butylphthalate

Concen: 2.162 ng

RT: 18.321 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

Instrument :

BNA_M

ClientSampleId :

031023-3

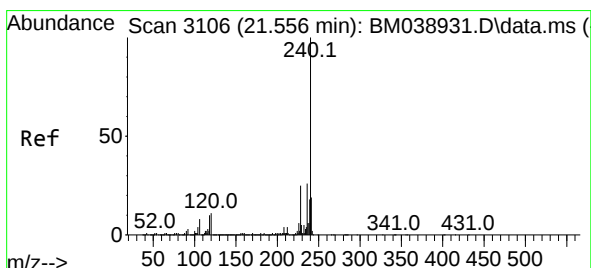
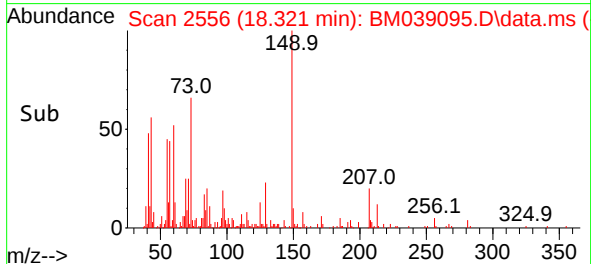
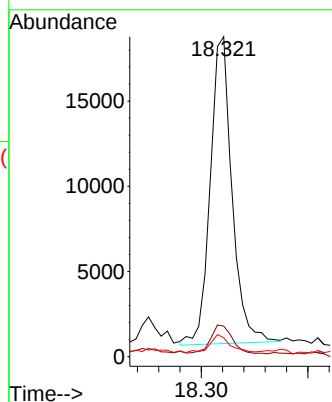
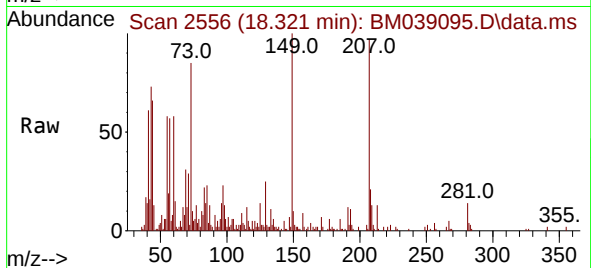
Tgt Ion:149 Resp: 25681

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.9 4.3 6.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

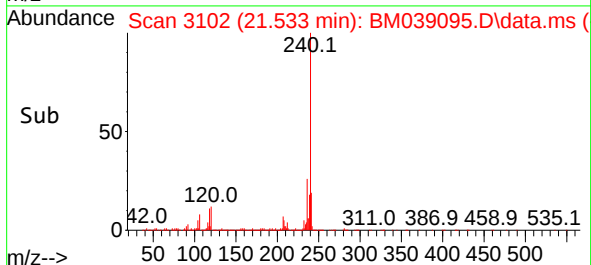
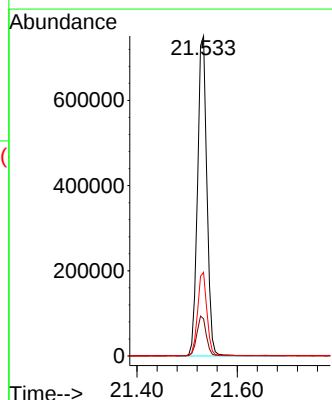
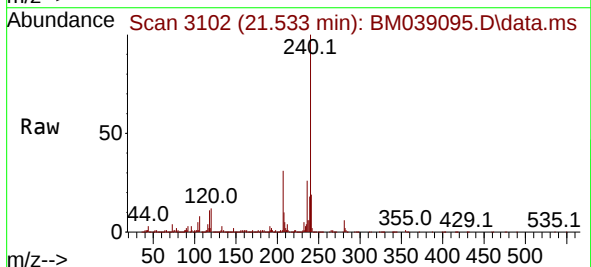
Tgt Ion:240 Resp: 970615

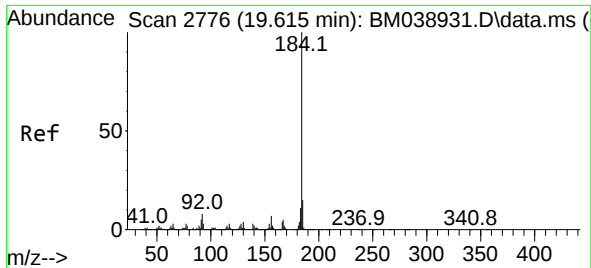
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 26.1 20.8 31.2

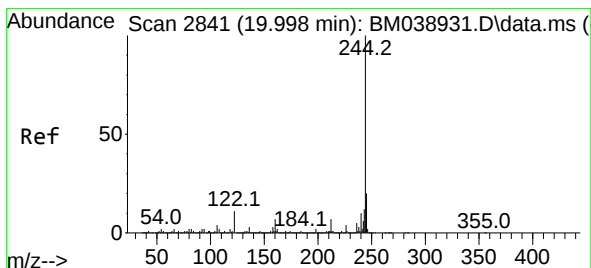
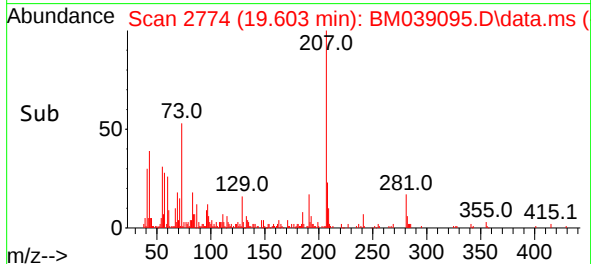
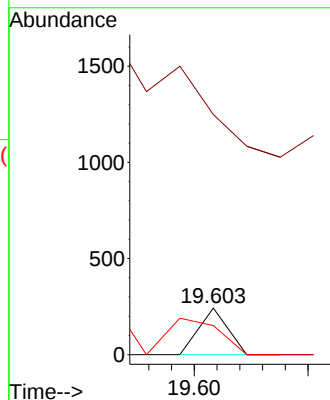
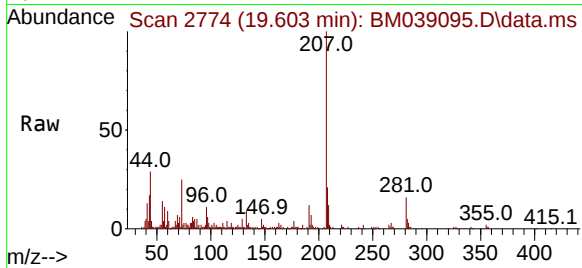




#77
Benzidine
Concen: 4.880 ng
RT: 19.603 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

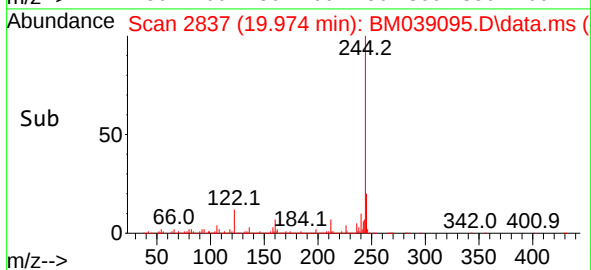
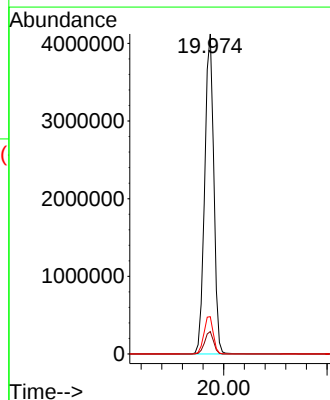
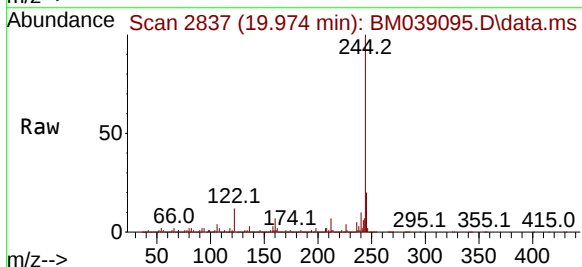
Instrument :
BNA_M
ClientSampleId :
031023-3

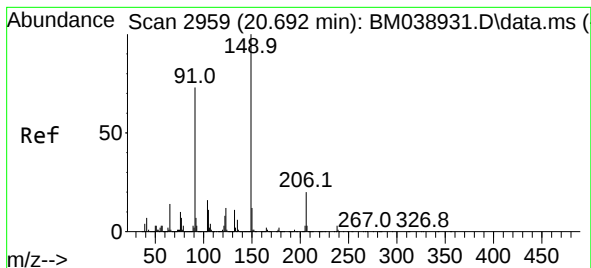
Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
185 516.1 12.2 18.4#
183 62.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 94.558 ng
RT: 19.974 min Scan# 2837
Delta R.T. 0.006 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Tgt Ion:244 Resp: 5019870
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.6 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.332 ng

RT: 20.592 min Scan# 2959

Delta R.T. -0.071 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

Instrument :

BNA_M

ClientSampleId :

031023-3

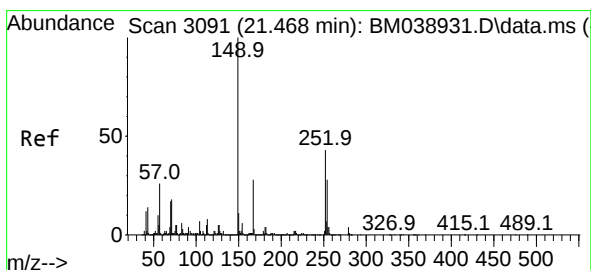
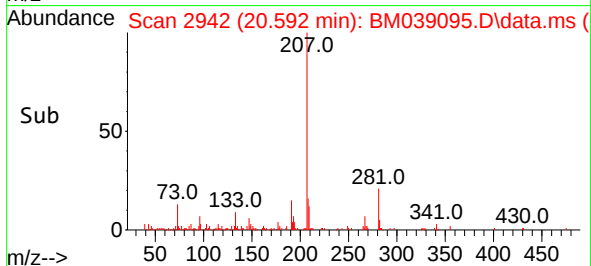
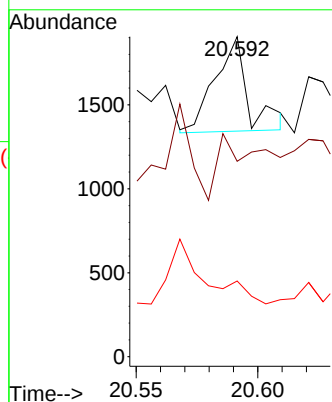
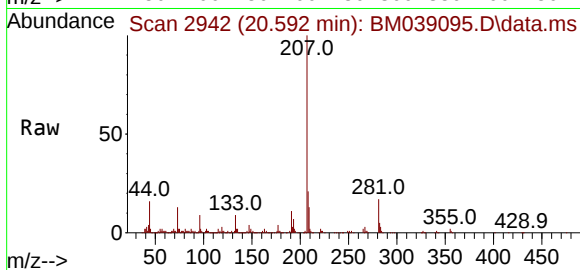
Tgt Ion:149 Resp: 539

Ion Ratio Lower Upper

149 100

91 61.1 58.4 87.6

206 23.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.802 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM039095.D

Acq: 22 Mar 2023 16:52

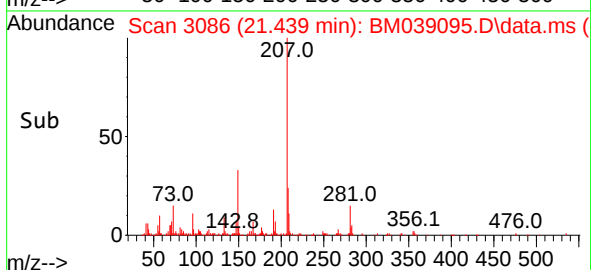
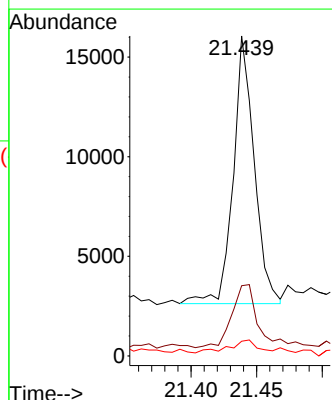
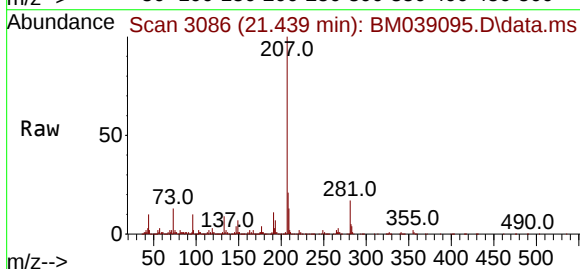
Tgt Ion:149 Resp: 14980

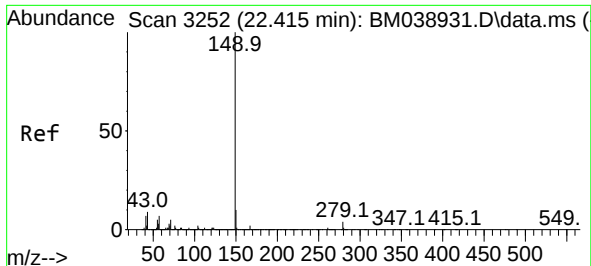
Ion Ratio Lower Upper

149 100

167 22.0 22.3 33.5#

279 4.6 3.2 4.8

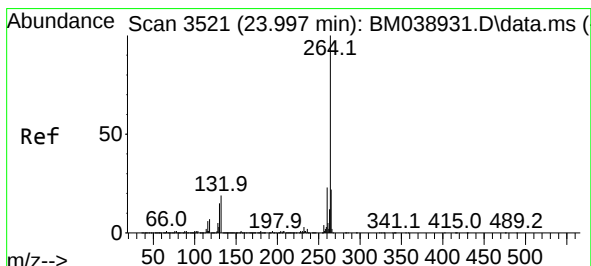
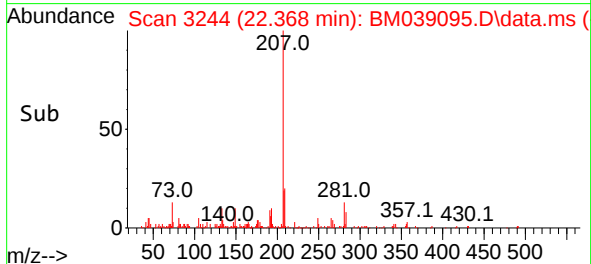
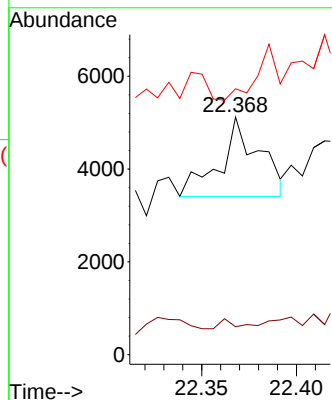
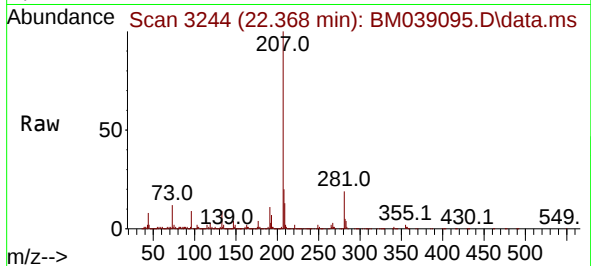




#85
Di-n-octyl phthalate
Concen: 3.827 ng
RT: 22.368 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Instrument :
BNA_M
ClientSampleId :
031023-3

Tgt Ion:149 Resp: 2454
Ion Ratio Lower Upper
149 100
167 6.1 1.2 1.8#
43 0.0 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BM039095.D
Acq: 22 Mar 2023 16:52

Tgt Ion:264 Resp: 1087361
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 23.0 17.9 26.9

