

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039100.D
 Acq On : 22 Mar 2023 20:05
 Operator : CG/JU
 Sample : 02016-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 032023-1

Quant Time: Mar 23 04:26:05 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)

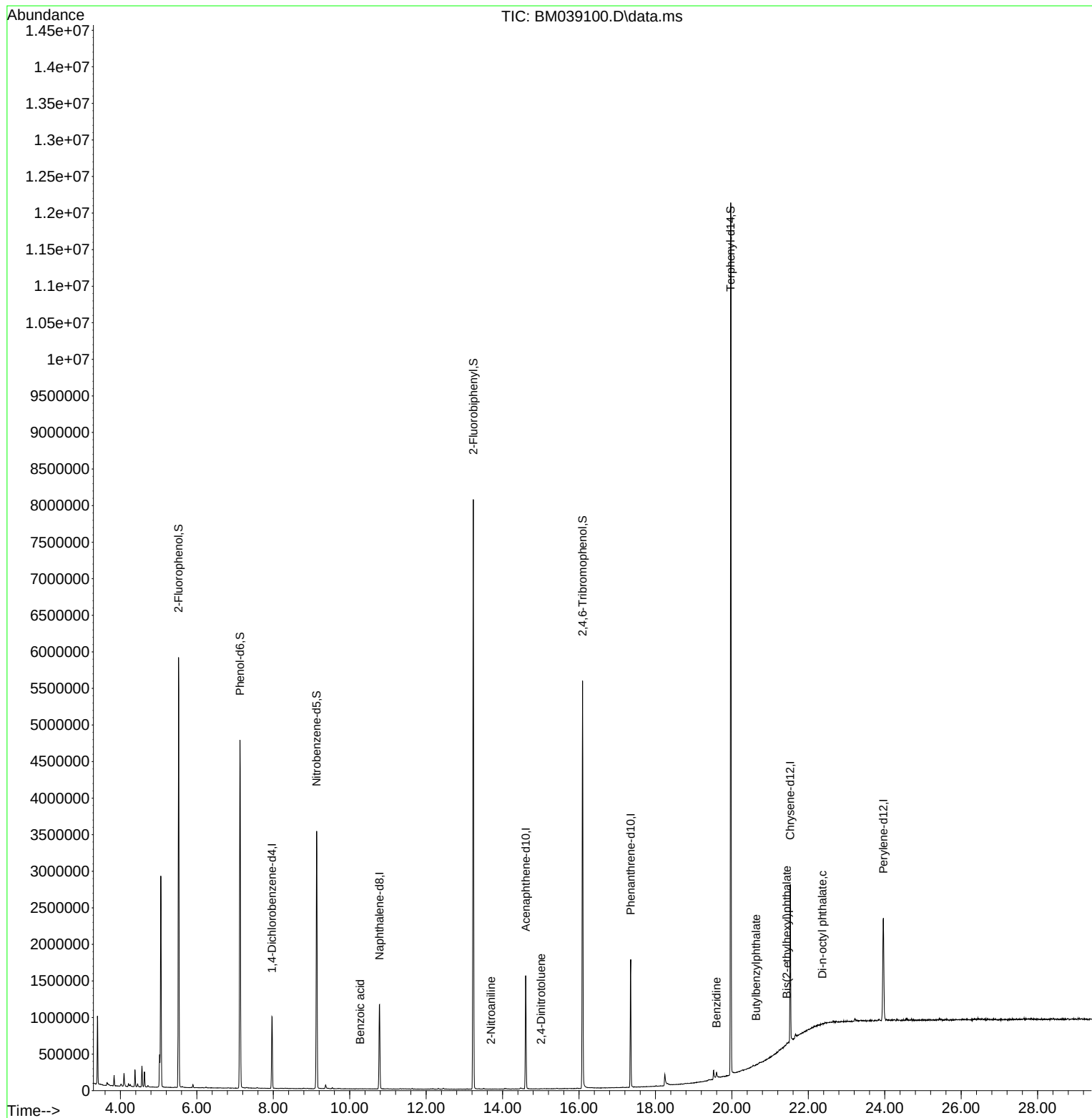
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	257801	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	957168	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	508481	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	995305	20.000	ng	0.00
76) Chrysene-d12	21.527	240	952752	20.000	ng	0.00
86) Perylene-d12	23.962	264	1042221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2492300	146.878	ng	0.00
7) Phenol-d6	7.128	99	2739801	124.308	ng	0.00
23) Nitrobenzene-d5	9.134	82	1995697	102.417	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	930613	158.205	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3852632	98.634	ng	0.00
79) Terphenyl-d14	19.968	244	5530693	106.134	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.269	122	654	5.783	ng	# 11
48) 2-Nitroaniline	13.698	65	67	2.222	ng	# 6
57) 2,4-Dinitrotoluene	15.004	165	58	2.076	ng	# 20
77) Benzidine	19.598	184	60183	7.366	ng	97
80) Butylbenzylphthalate	20.633	149	723	3.338	ng	# 69
84) Bis(2-ethylhexyl)phtha...	21.439	149	6377	2.622	ng	96
85) Di-n-octyl phthalate	22.368	149	1361	3.814	ng	# 9

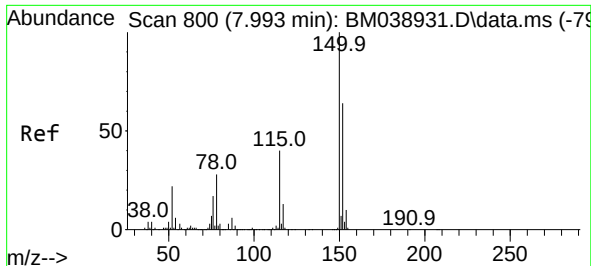
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039100.D
Acq On : 22 Mar 2023 20:05
Operator : CG/JU
Sample : 02016-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
032023-1

Quant Time: Mar 23 04:26:05 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

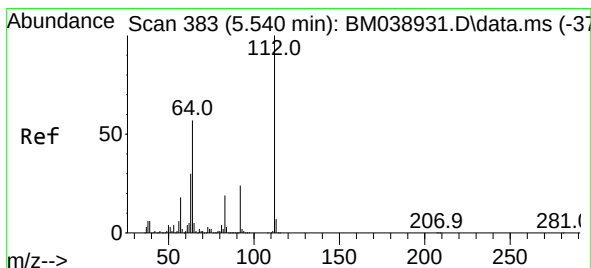
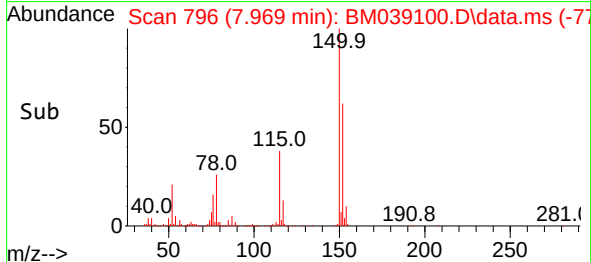
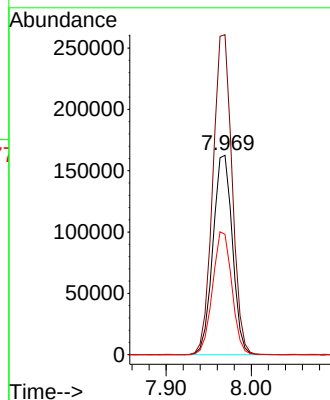
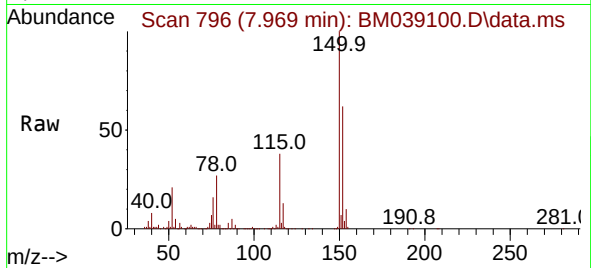




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

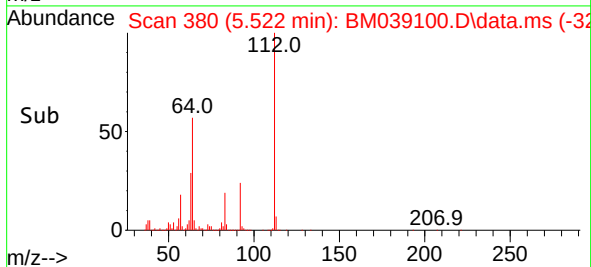
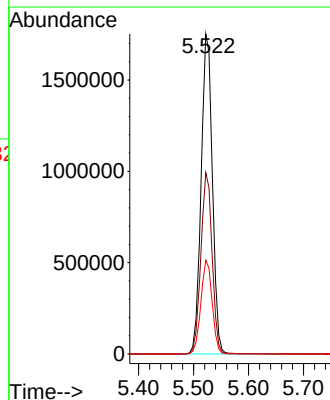
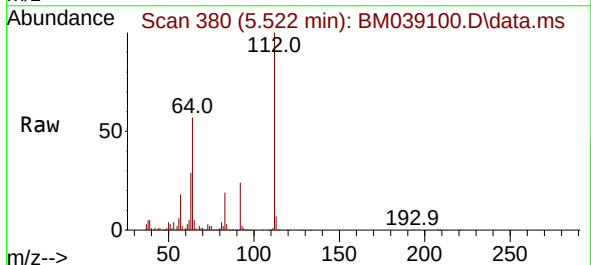
Instrument :
BNA_M
ClientSampleId :
032023-1

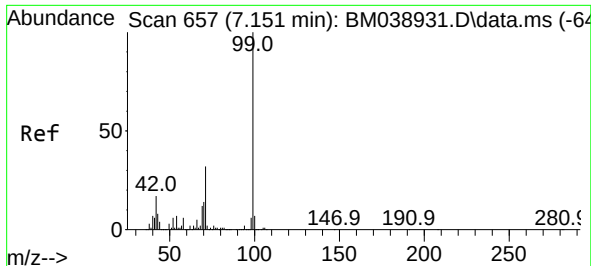
Tgt Ion:152 Resp: 257801
Ion Ratio Lower Upper
152 100
150 160.4 125.1 187.7
115 60.3 49.6 74.4



#5
2-Fluorophenol
Concen: 146.878 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:112 Resp: 2492300
Ion Ratio Lower Upper
112 100
64 56.6 45.9 68.9
63 29.3 23.8 35.8

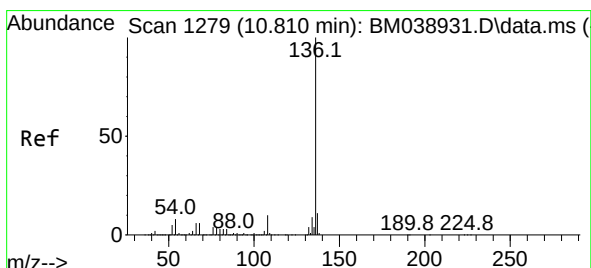
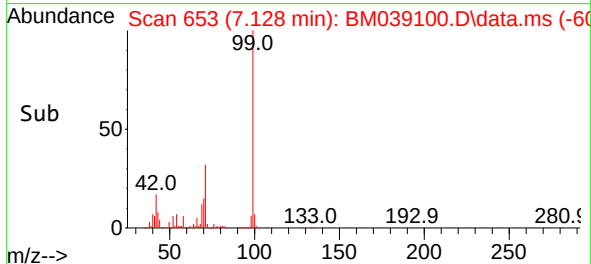
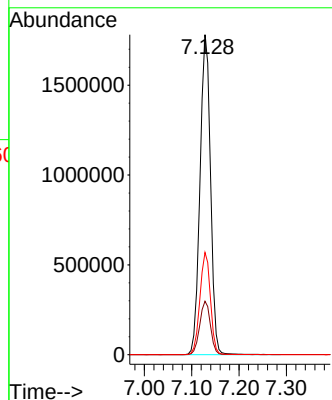
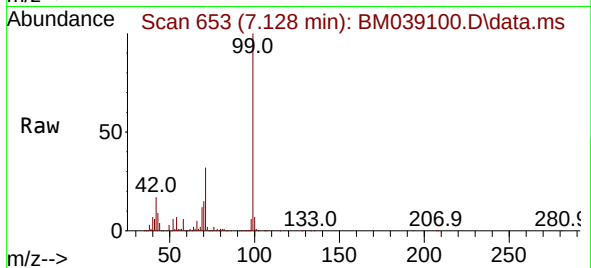




#7
Phenol-d6
Concen: 124.308 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

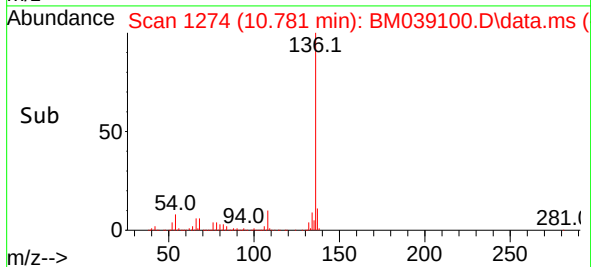
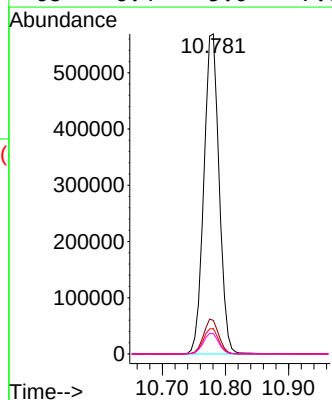
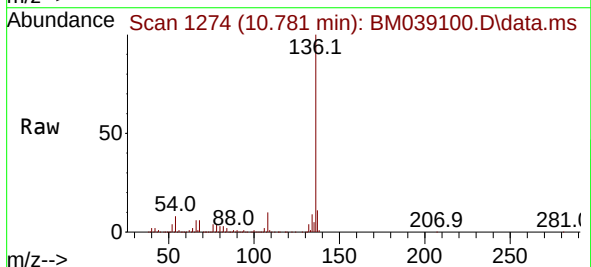
Instrument :
BNA_M
ClientSampleId :
032023-1

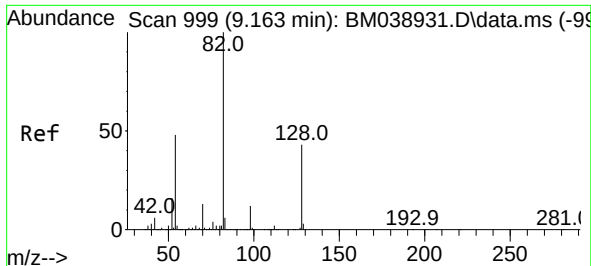
Tgt Ion: 99 Resp: 2739801
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion: 136 Resp: 957168
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.0 6.3 9.5
68 6.4 5.0 7.6

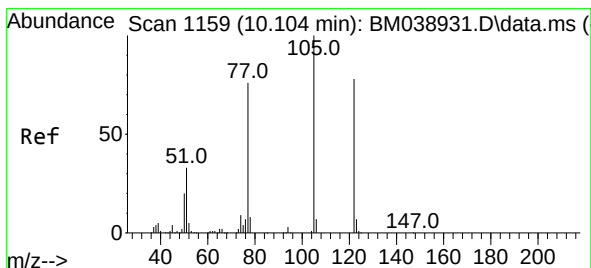
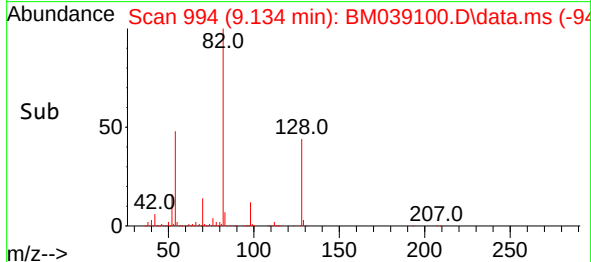
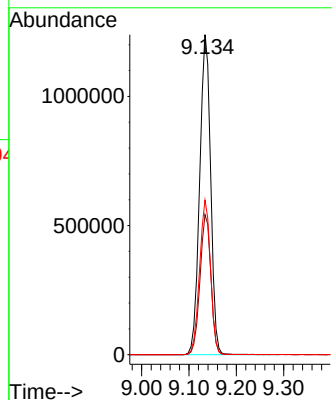
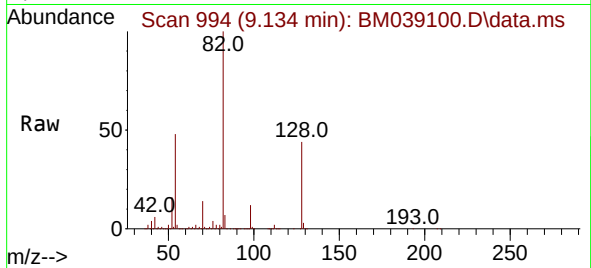




#23
Nitrobenzene-d5
Concen: 102.417 ng
RT: 9.134 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

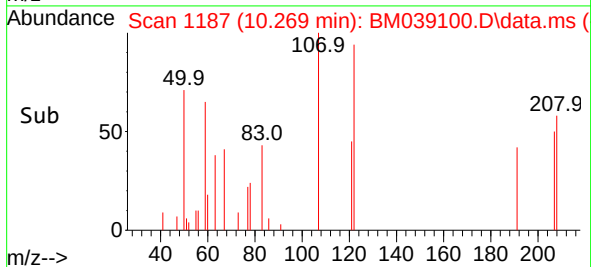
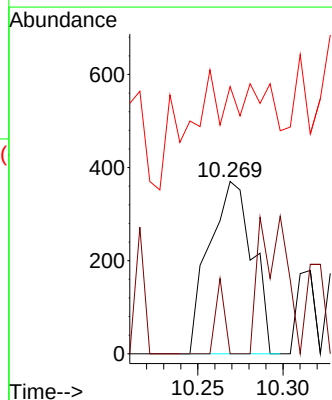
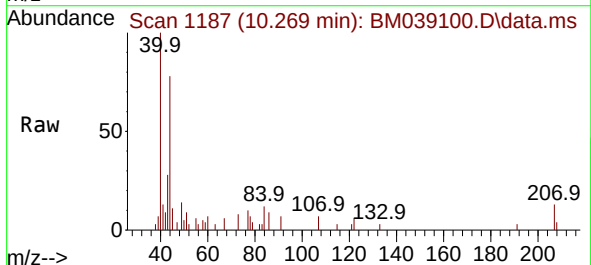
Instrument :
BNA_M
ClientSampleId :
032023-1

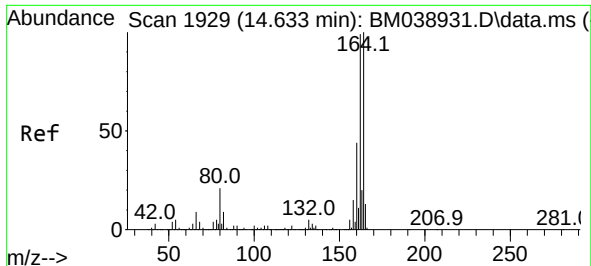
Tgt Ion: 82 Resp: 1995697
Ion Ratio Lower Upper
82 100
128 43.8 34.4 51.6
54 48.3 38.8 58.2



#32
Benzoic acid
Concen: 5.783 ng
RT: 10.269 min Scan# 1187
Delta R.T. 0.182 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:122 Resp: 654
Ion Ratio Lower Upper
122 100
105 0.0 104.2 144.2#
77 155.1 75.1 115.1#

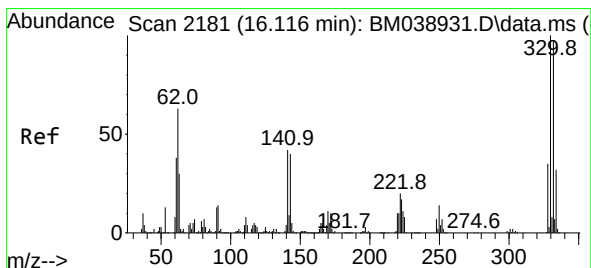
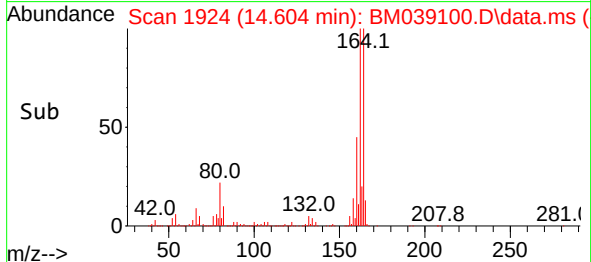
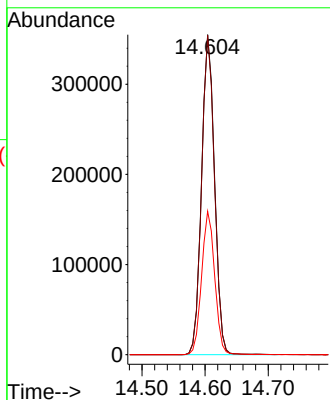
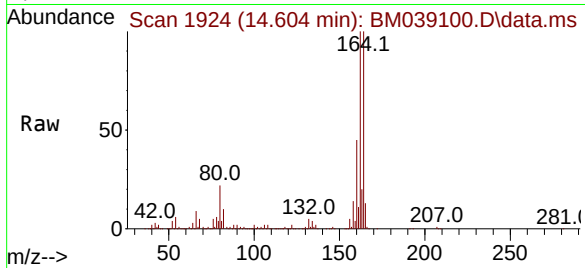




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

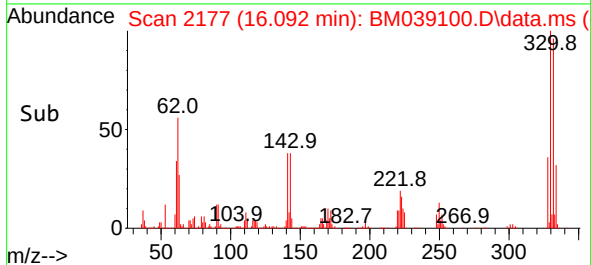
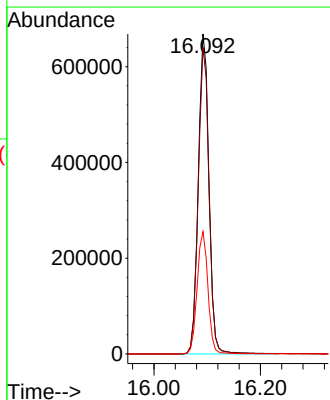
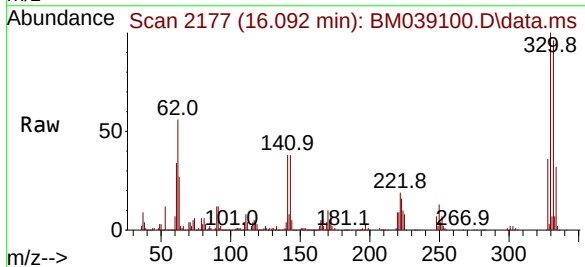
Instrument :
BNA_M
ClientSampleId :
032023-1

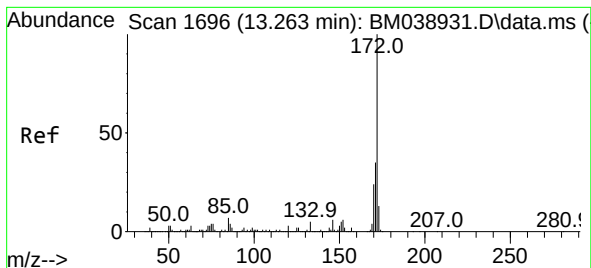
Tgt Ion:164 Resp: 508481
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 158.205 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:330 Resp: 930613
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 38.7 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 98.634 ng

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

Instrument :

BNA_M

ClientSampleId :

032023-1

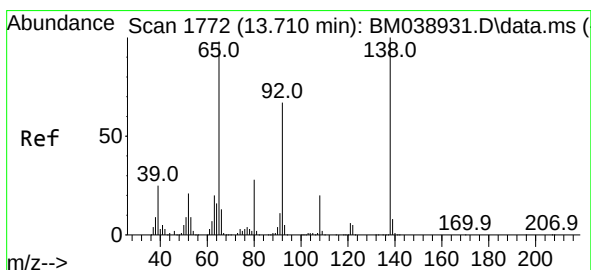
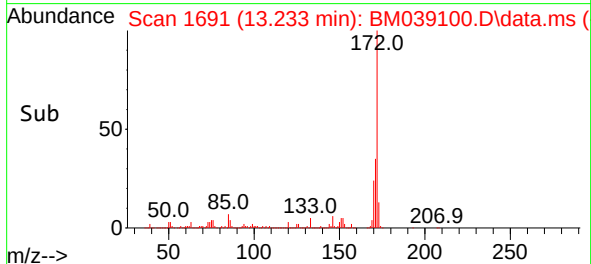
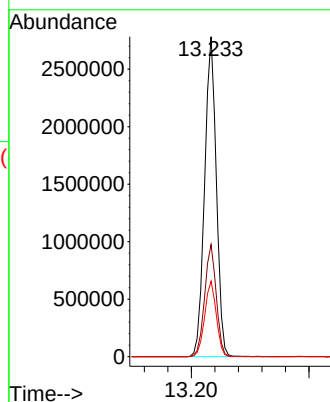
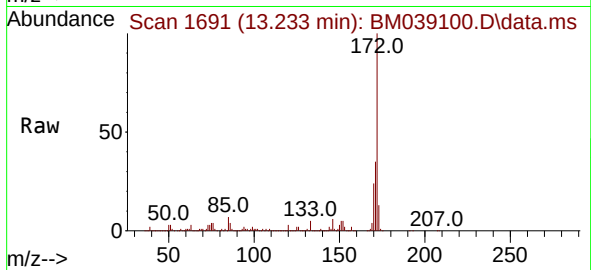
Tgt Ion:172 Resp: 3852632

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.6 19.1 28.7



#48

2-Nitroaniline

Concen: 2.222 ng

RT: 13.698 min Scan# 1770

Delta R.T. 0.006 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

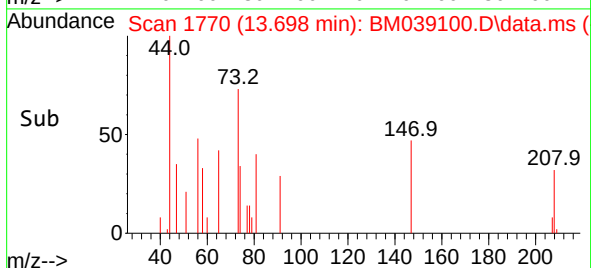
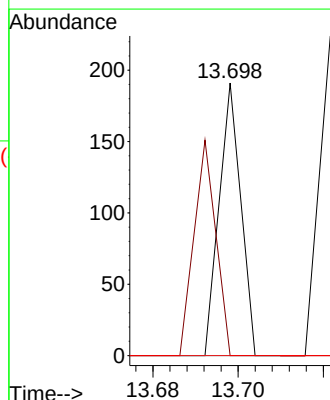
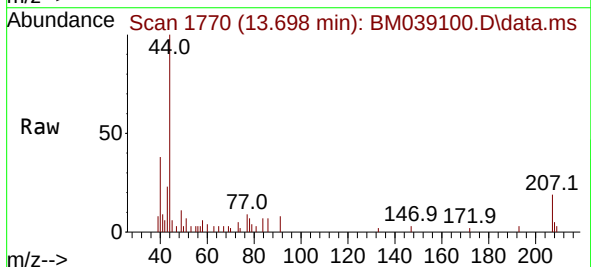
Tgt Ion: 65 Resp: 67

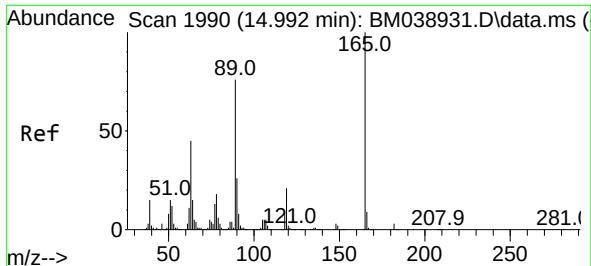
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

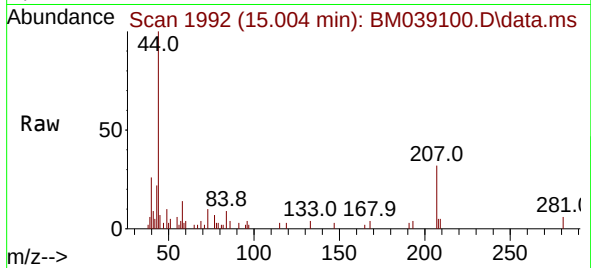
138 0.0 81.6 122.4#



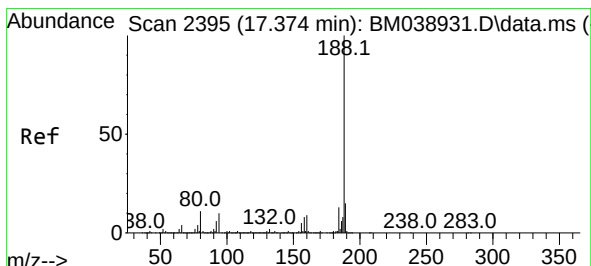
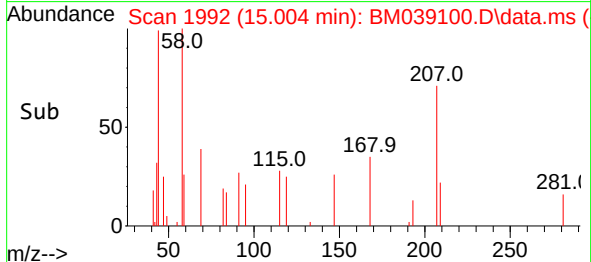
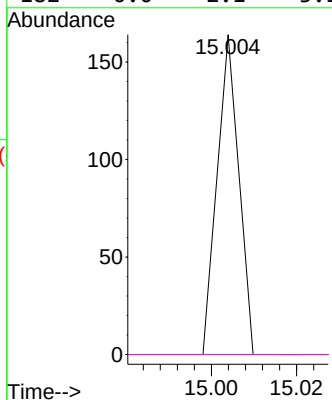


#57
2,4-Dinitrotoluene
Concen: 2.076 ng
RT: 15.004 min Scan# 1992
Delta R.T. 0.035 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Instrument :
BNA_M
ClientSampleId :
032023-1

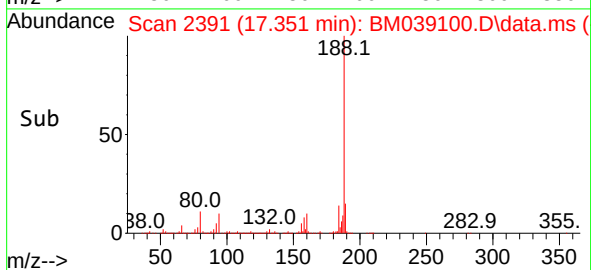
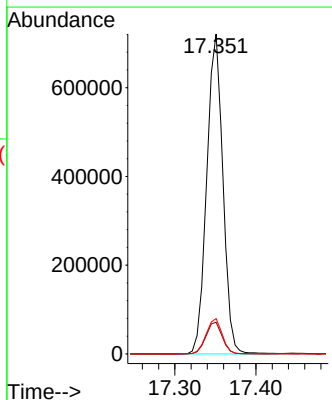
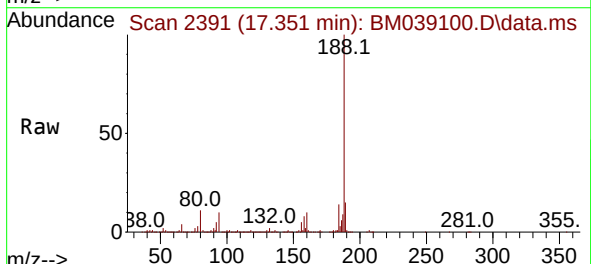


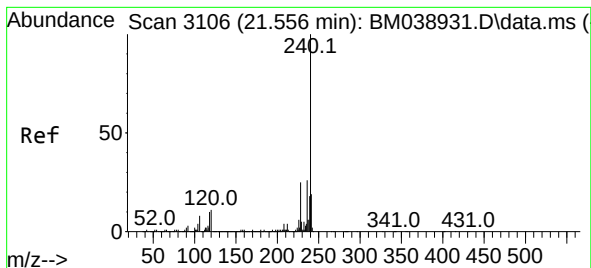
Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:188 Resp: 995305
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.0 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: BM039100.D

Acq: 22 Mar 2023 20:05

Instrument :

BNA_M

ClientSampleId :

032023-1

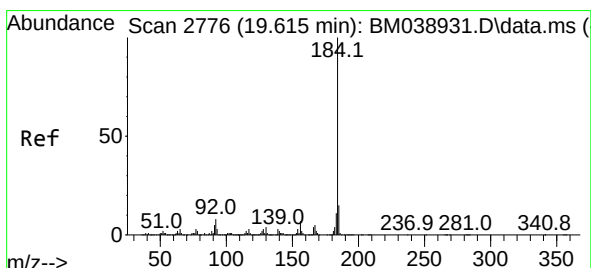
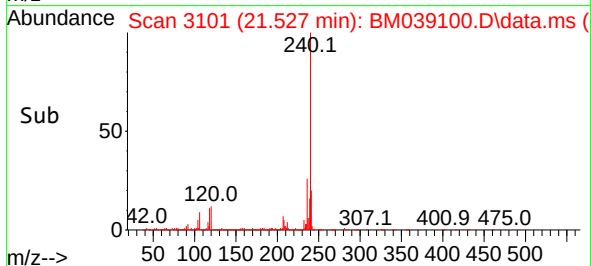
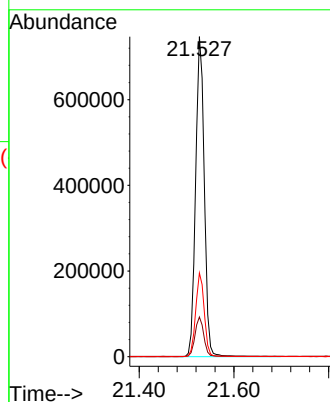
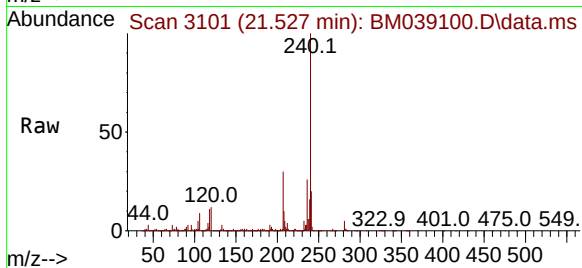
Tgt Ion:240 Resp: 952752

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 26.1 20.8 31.2



#77

Benzidine

Concen: 7.366 ng

RT: 19.598 min Scan# 2773

Delta R.T. 0.006 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

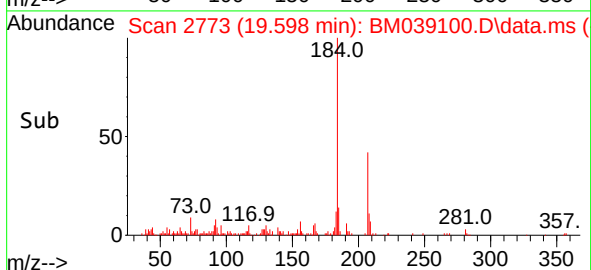
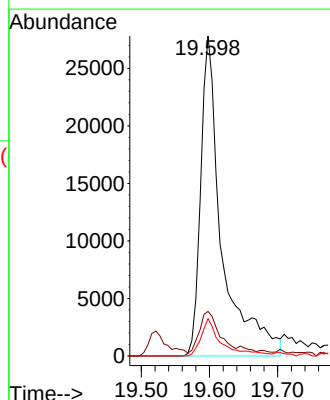
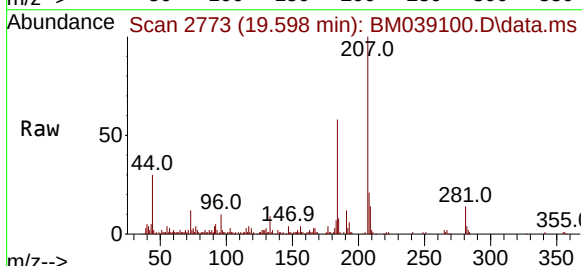
Tgt Ion:184 Resp: 60183

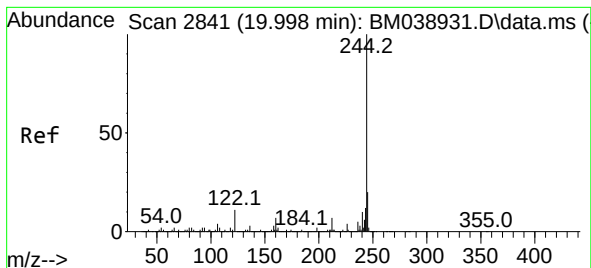
Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.4

183 11.6 8.8 13.2





#79

Terphenyl-d14

Concen: 106.134 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

Instrument :

BNA_M

ClientSampleId :

032023-1

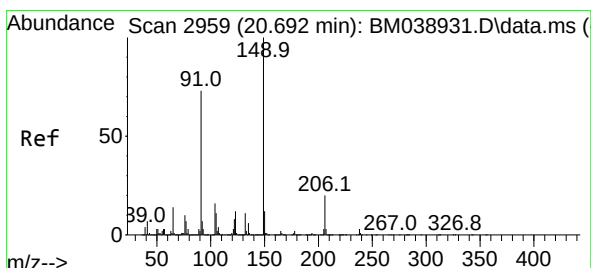
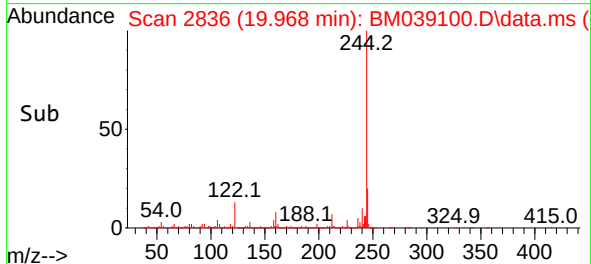
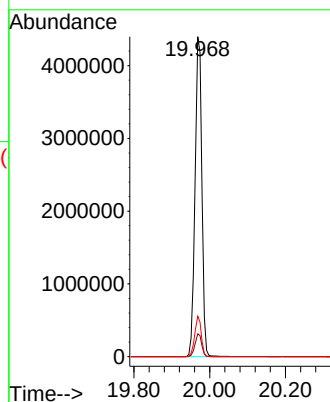
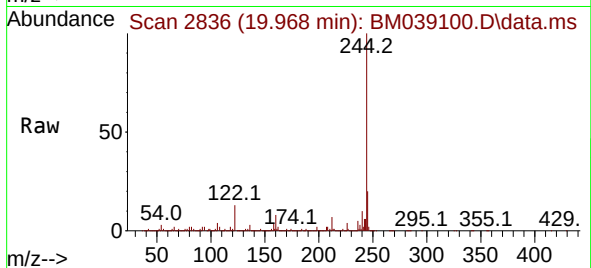
Tgt Ion:244 Resp: 5530693

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.338 ng

RT: 20.633 min Scan# 2949

Delta R.T. -0.029 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

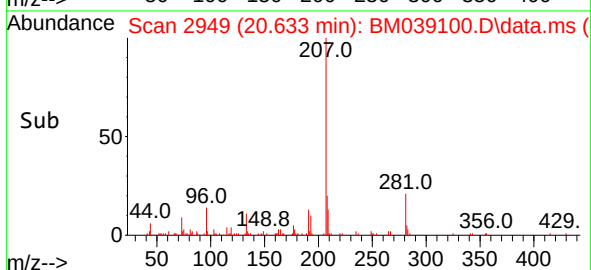
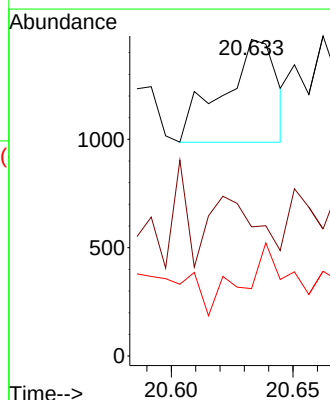
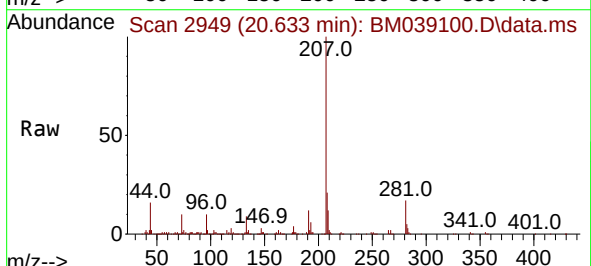
Tgt Ion:149 Resp: 723

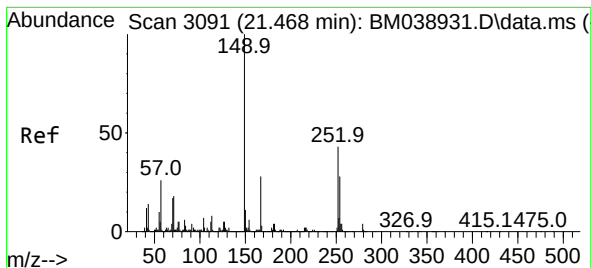
Ion Ratio Lower Upper

149 100

91 40.8 58.4 87.6#

206 21.3 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.622 ng

RT: 21.439 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

Instrument :

BNA_M

ClientSampleId :

032023-1

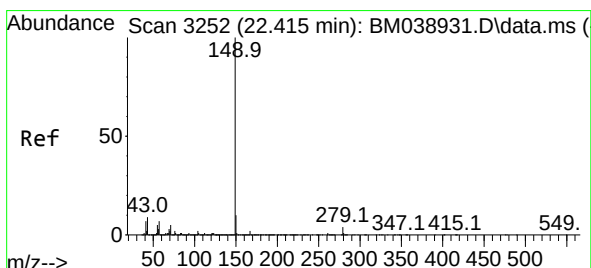
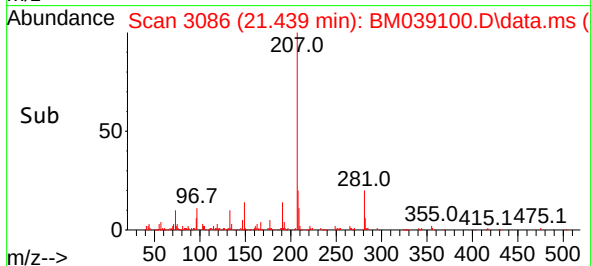
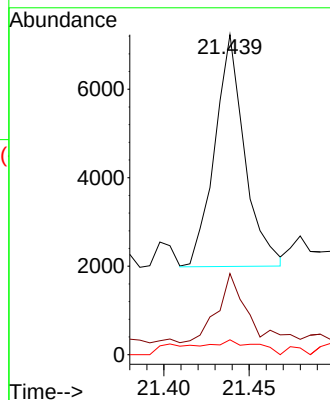
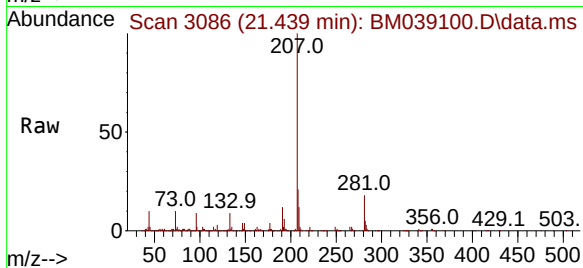
Tgt Ion:149 Resp: 6377

Ion Ratio Lower Upper

149 100

167 25.4 22.3 33.5

279 4.7 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 3.814 ng

RT: 22.368 min Scan# 3244

Delta R.T. -0.006 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

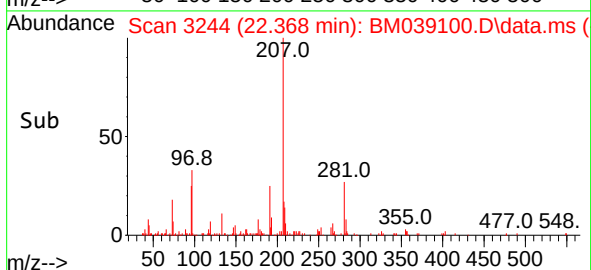
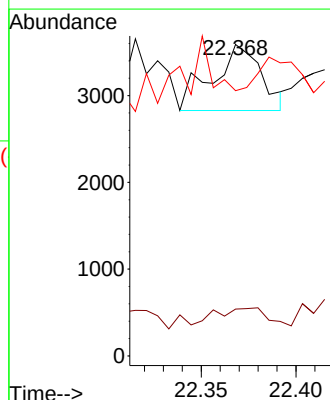
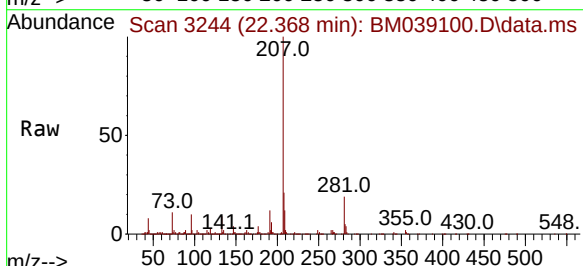
Tgt Ion:149 Resp: 1361

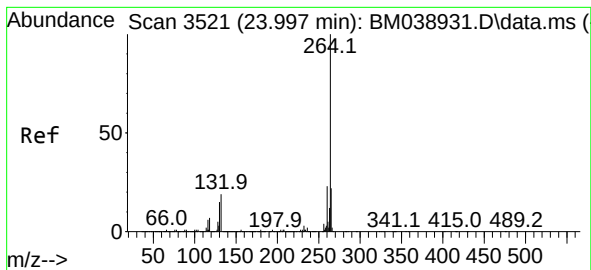
Ion Ratio Lower Upper

149 100

167 41.2 1.2 1.8#

43 41.5 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039100.D

Acq: 22 Mar 2023 20:05

Instrument :

BNA_M

ClientSampleId :

032023-1

Tgt Ion:264 Resp: 1042221

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.1 17.9 26.9

