

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039055.D
 Acq On : 20 Mar 2023 21:48
 Operator : CG/JU
 Sample : 01964-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UNION-2

Quant Time: Mar 21 01:51:44 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)

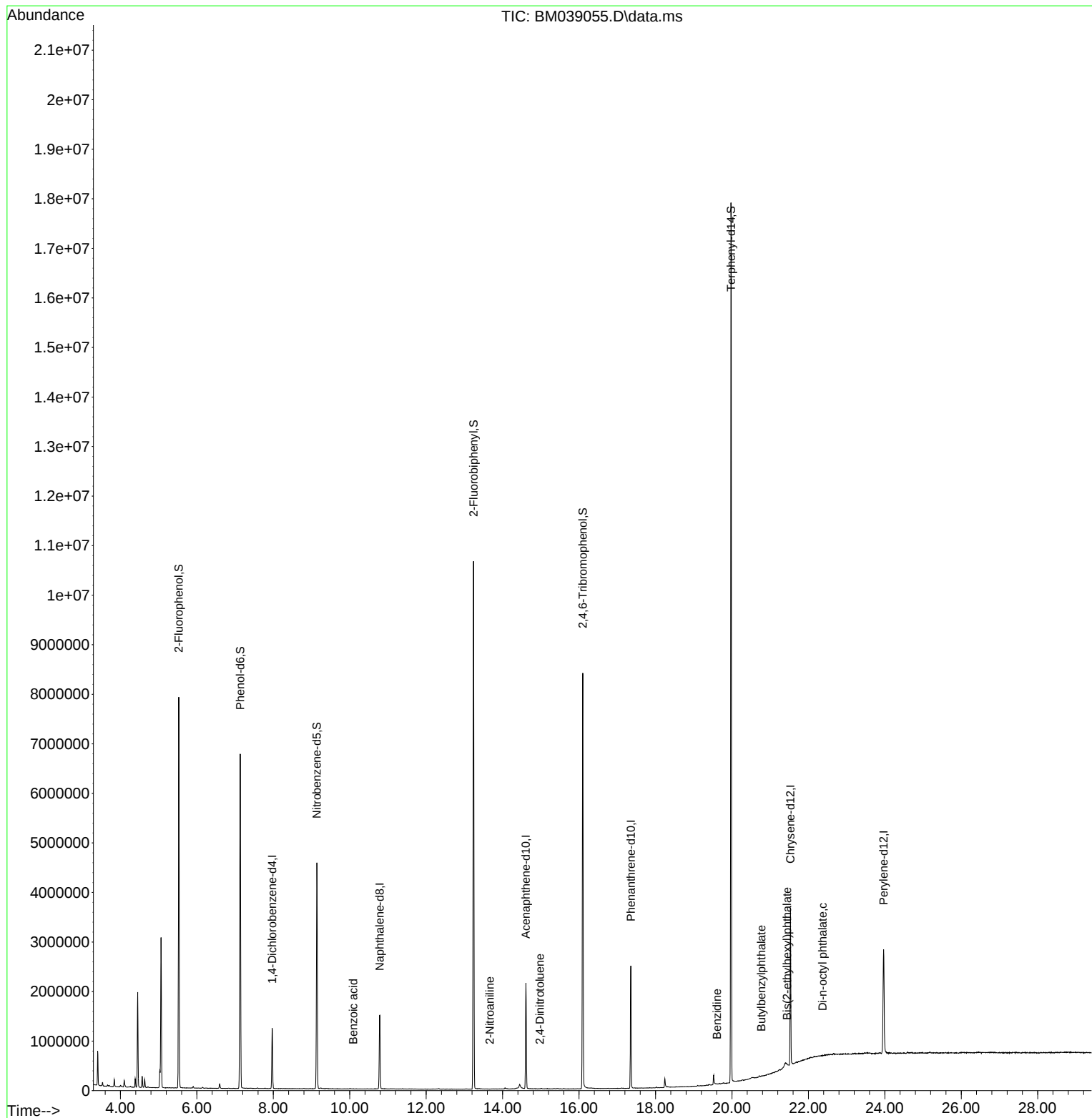
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	316924	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1232258	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	691494	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1451081	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1391644	20.000	ng	0.00
86) Perylene-d12	23.968	264	1539838	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3262856	156.417	ng	0.00
7) Phenol-d6	7.134	99	3797565	140.157	ng	0.00
23) Nitrobenzene-d5	9.139	82	2584556	103.027	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1383037	172.891	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	5216909	98.213	ng	0.00
79) Terphenyl-d14	19.980	244	8391811	110.251	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.092	122	425	5.758	ng	# 73
48) 2-Nitroaniline	13.668	65	280	2.234	ng	# 6
57) 2,4-Dinitrotoluene	14.974	165	231	2.086	ng	# 7
77) Benzidine	19.609	184	1416	4.916	ng	# 61
80) Butylbenzylphthalate	20.768	149	790	3.332	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.444	149	6503	2.581	ng	# 90
85) Di-n-octyl phthalate	22.374	149	2541	3.818	ng	# 73

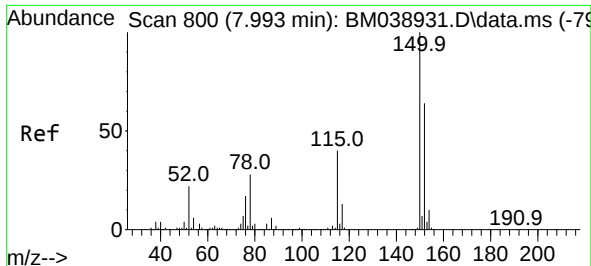
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039055.D
Acq On : 20 Mar 2023 21:48
Operator : CG/JU
Sample : 01964-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UNION-2

Quant Time: Mar 21 01:51:44 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

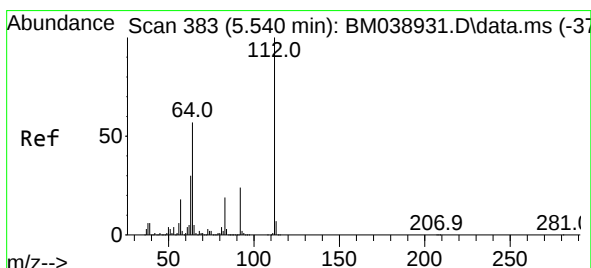
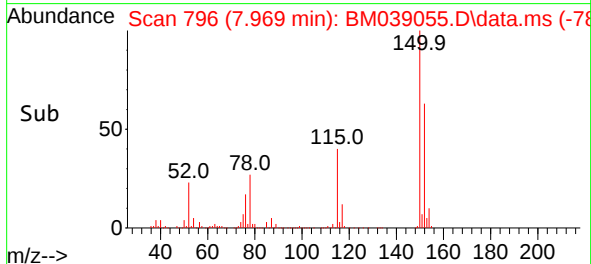
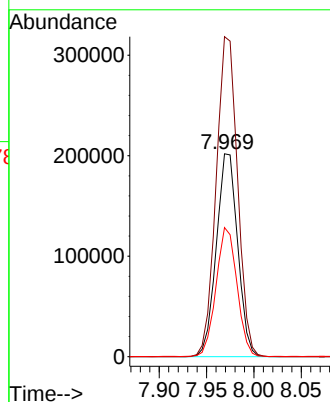
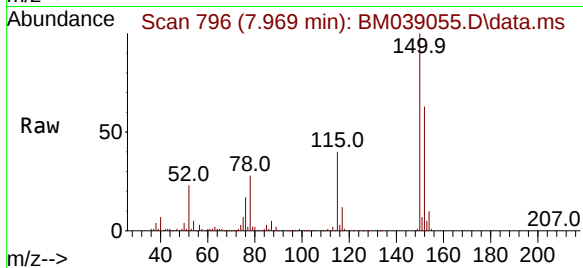




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

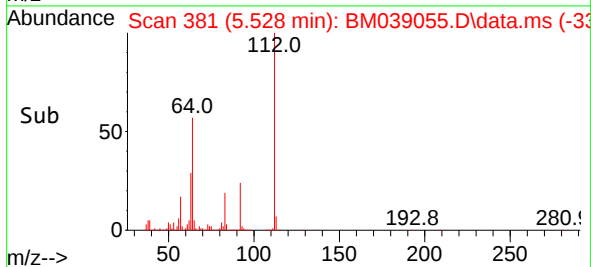
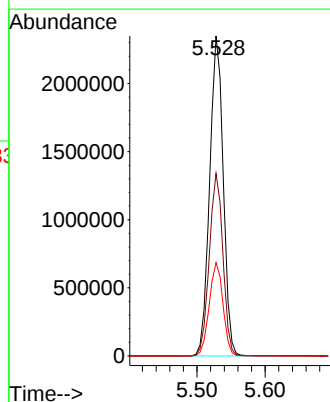
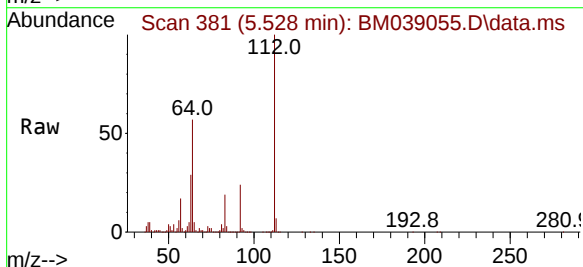
Instrument :
BNA_M
ClientSampleId :
UNION-2

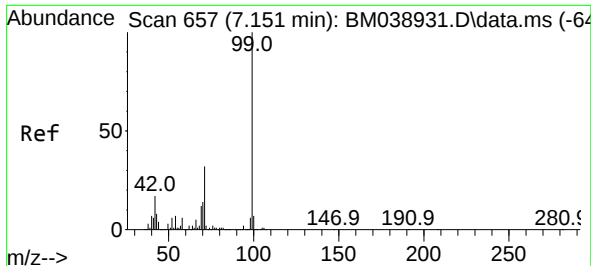
Tgt Ion:152 Resp: 316924
Ion Ratio Lower Upper
152 100
150 157.7 125.1 187.7
115 63.6 49.6 74.4



#5
2-Fluorophenol
Concen: 156.417 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion:112 Resp: 3262856
Ion Ratio Lower Upper
112 100
64 57.0 45.9 68.9
63 29.2 23.8 35.8

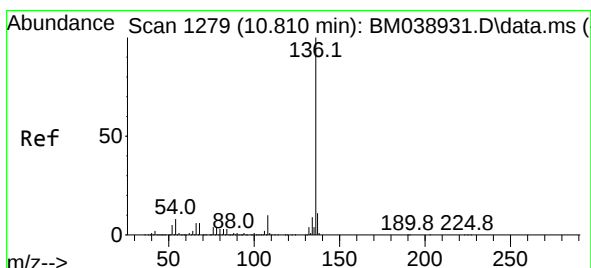
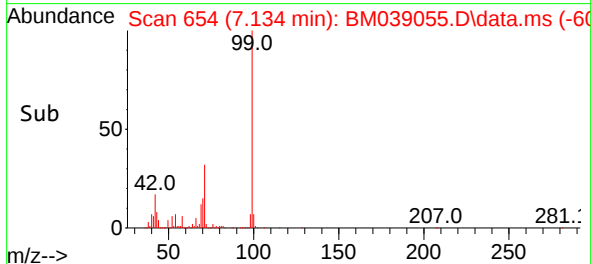
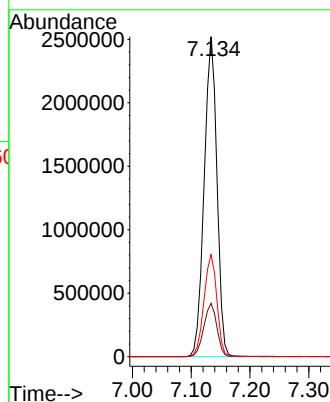
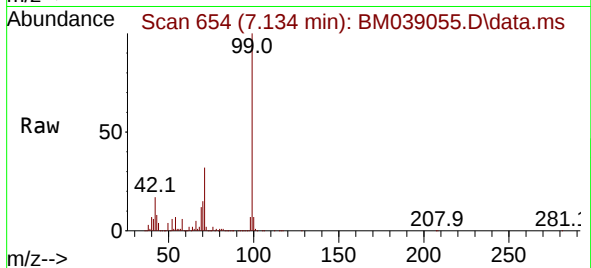




#7
Phenol-d6
Concen: 140.157 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

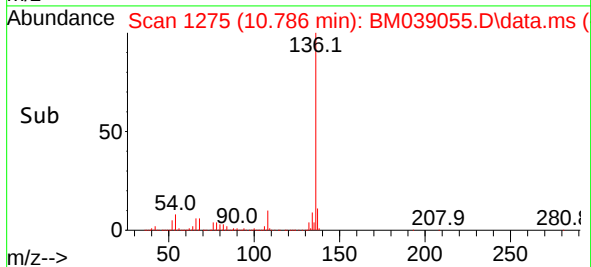
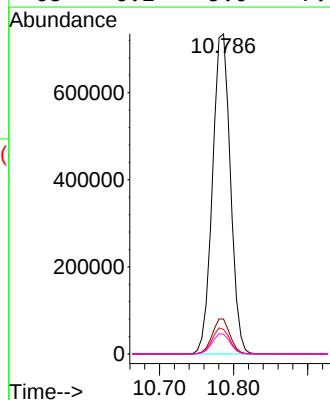
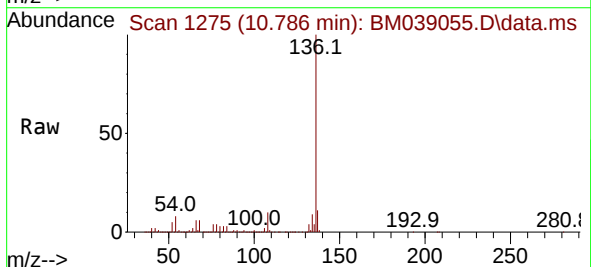
Instrument :
BNA_M
ClientSampleId :
UNION-2

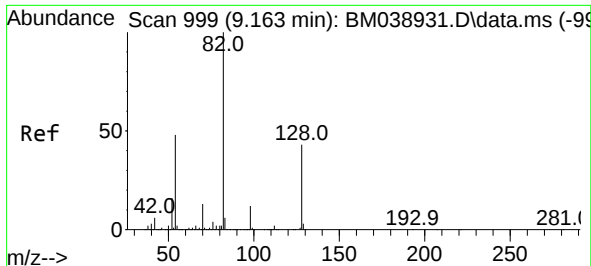
Tgt Ion: 99 Resp: 3797565
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion: 136 Resp: 1232258
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.3 9.5
68 6.2 5.0 7.6

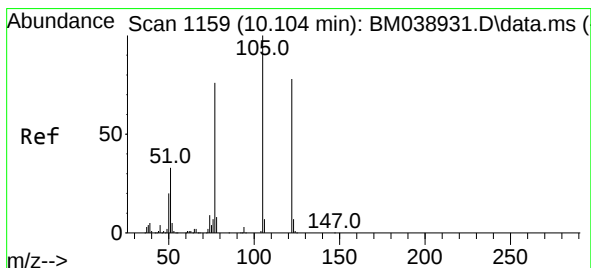
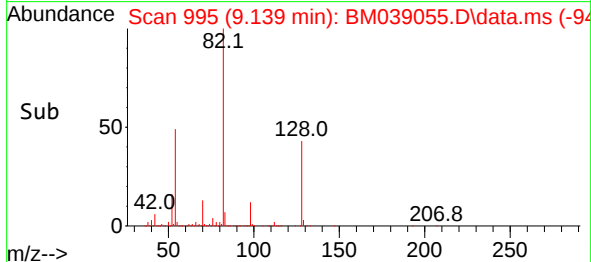
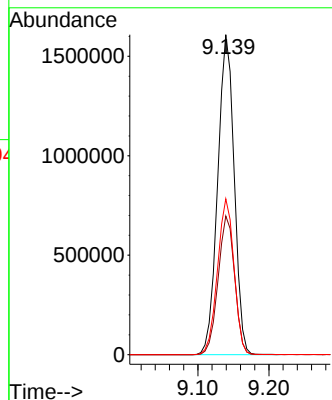
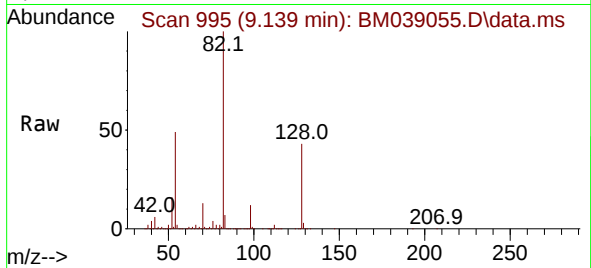




#23
Nitrobenzene-d5
Concen: 103.027 ng
RT: 9.139 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

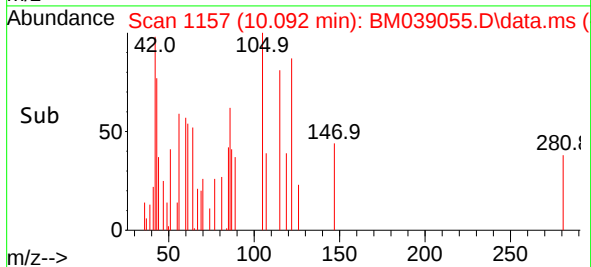
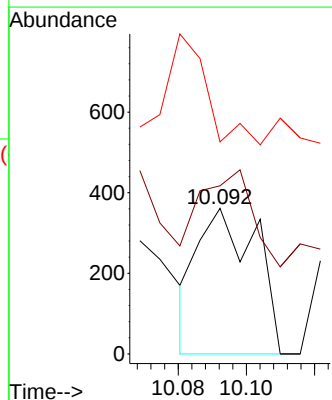
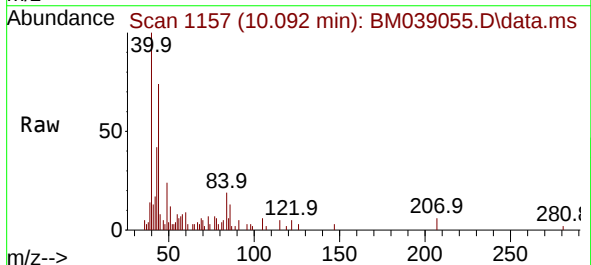
Instrument :
BNA_M
ClientSampleId :
UNION-2

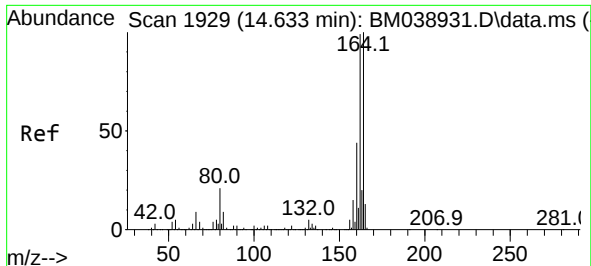
Tgt Ion: 82 Resp: 2584556
Ion Ratio Lower Upper
82 100
128 43.4 34.4 51.6
54 48.7 38.8 58.2



#32
Benzoic acid
Concen: 5.758 ng
RT: 10.092 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion: 122 Resp: 425
Ion Ratio Lower Upper
122 100
105 115.5 104.2 144.2
77 145.7 75.1 115.1#

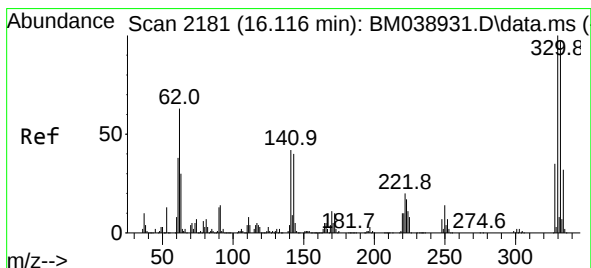
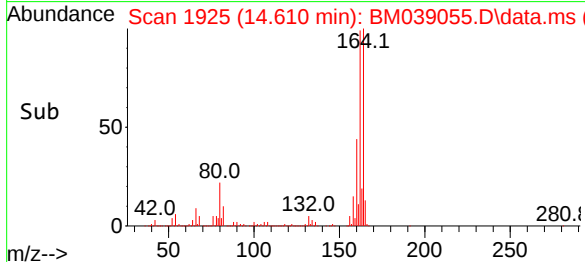
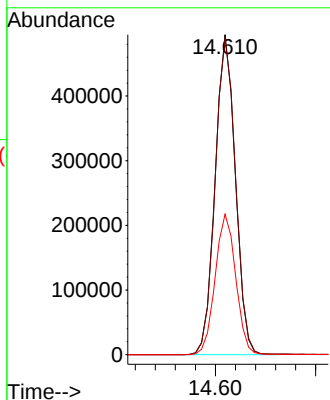
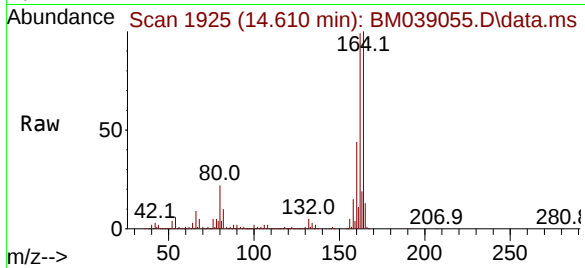




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

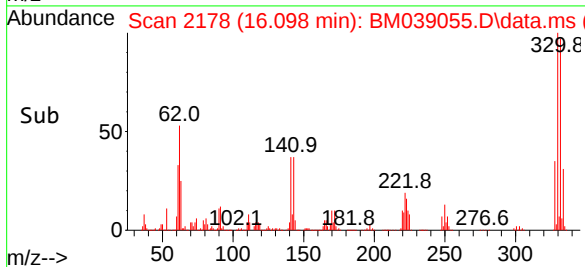
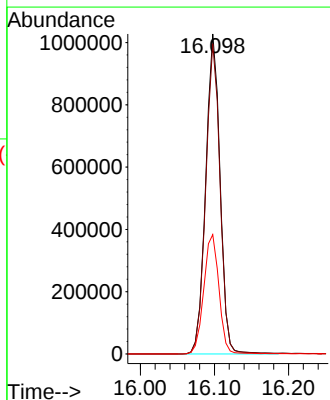
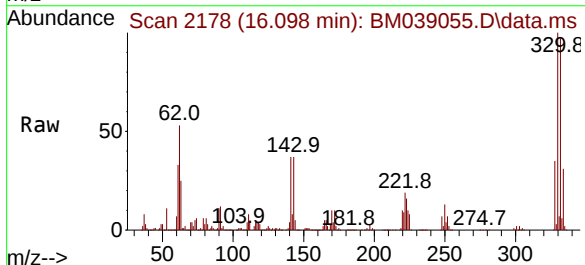
Instrument :
BNA_M
ClientSampleId :
UNION-2

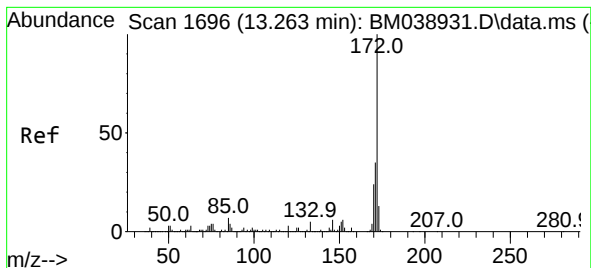
Tgt Ion:164 Resp: 691494
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 43.9 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 172.891 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion:330 Resp: 1383037
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 39.4 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 98.213 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039055.D

Acq: 20 Mar 2023 21:48

Instrument :

BNA_M

ClientSampleId :

UNION-2

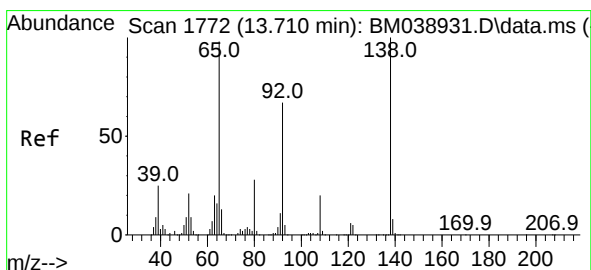
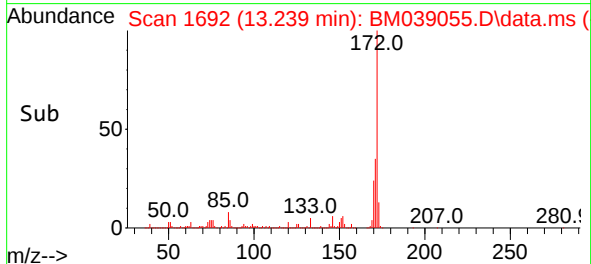
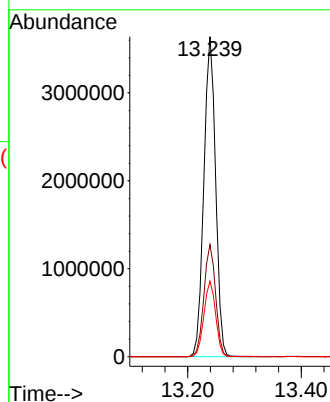
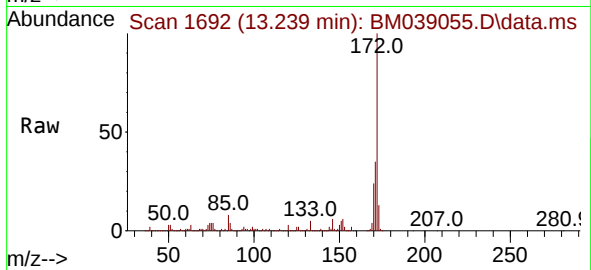
Tgt Ion:172 Resp: 5216909

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.6 19.1 28.7



#48

2-Nitroaniline

Concen: 2.234 ng

RT: 13.668 min Scan# 1765

Delta R.T. -0.029 min

Lab File: BM039055.D

Acq: 20 Mar 2023 21:48

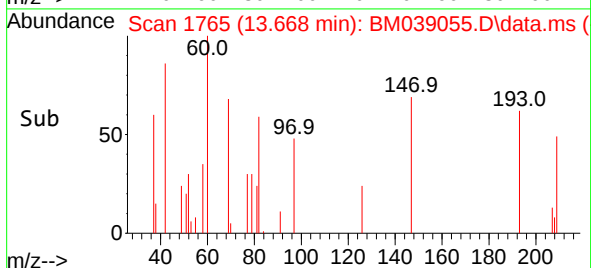
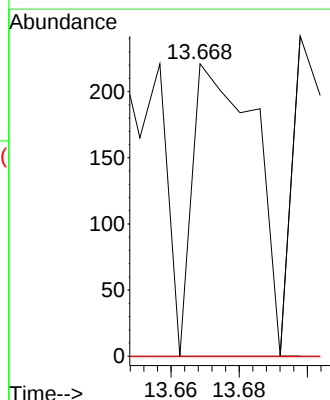
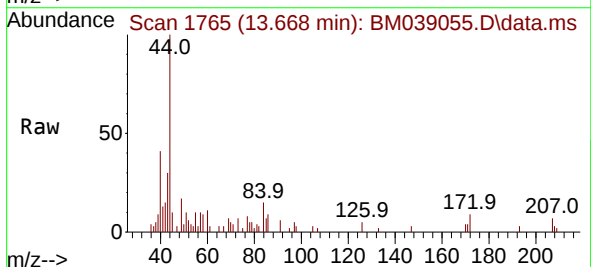
Tgt Ion: 65 Resp: 280

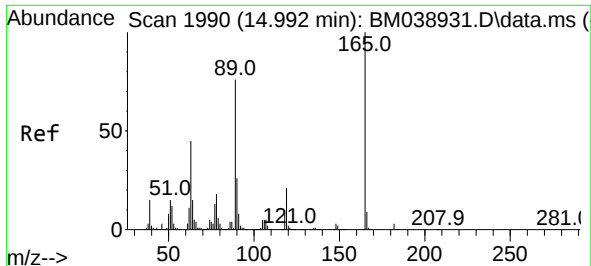
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#

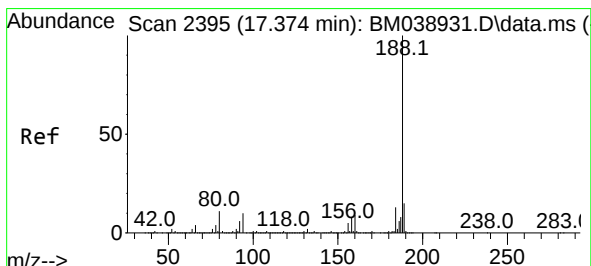
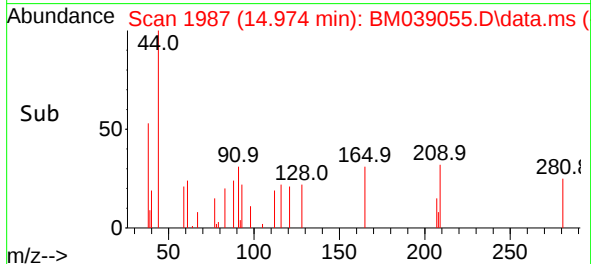
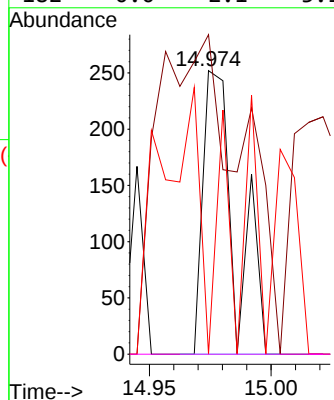
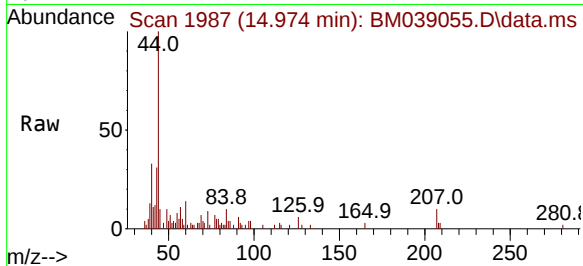




#57
2,4-Dinitrotoluene
Concen: 2.086 ng
RT: 14.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

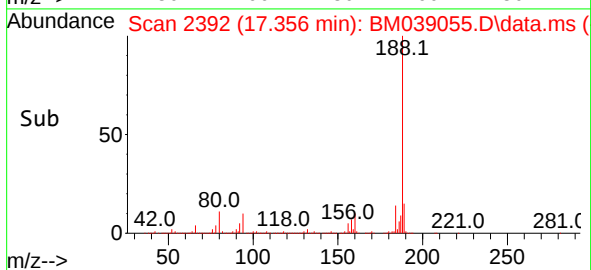
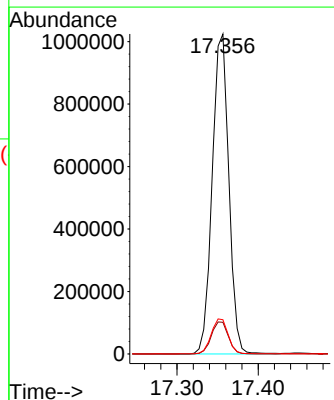
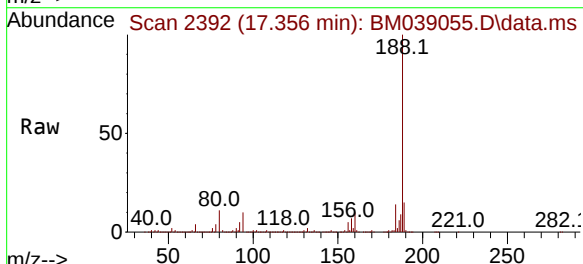
Instrument :
BNA_M
ClientSampleId :
UNION-2

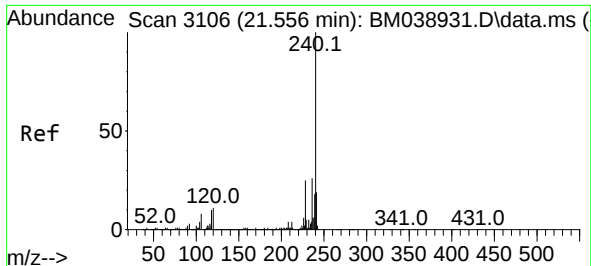
Tgt Ion:165 Resp: 231
Ion Ratio Lower Upper
165 100
63 112.7 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion:188 Resp: 1451081
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.7 8.5 12.7

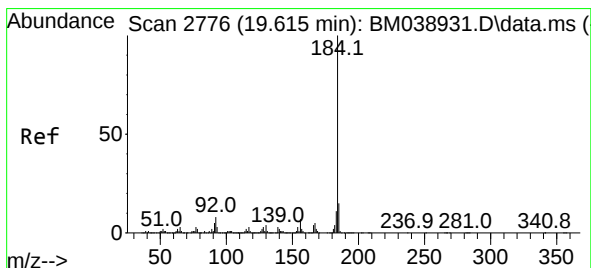
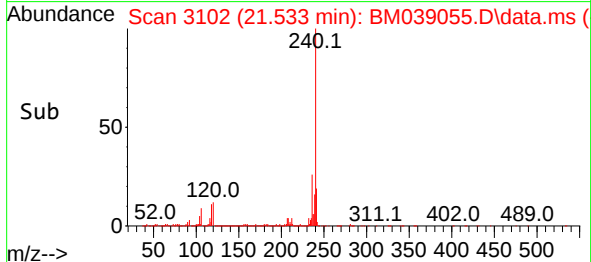
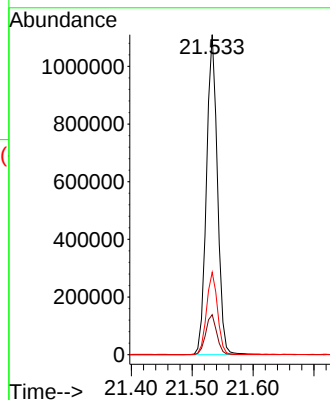
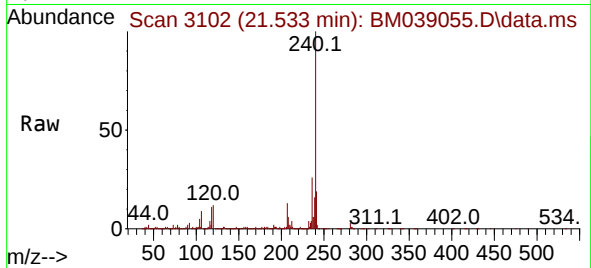




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

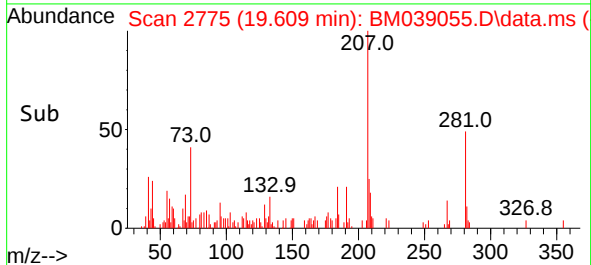
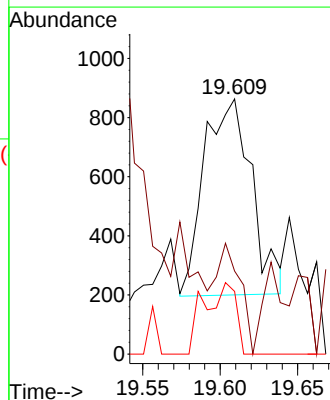
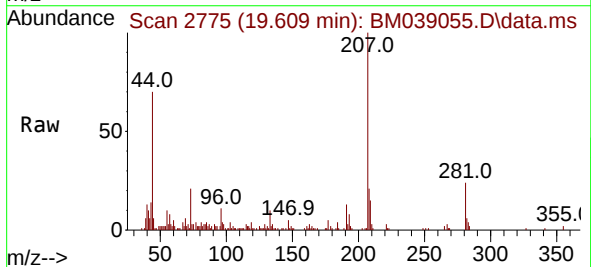
Instrument :
BNA_M
ClientSampleId :
UNION-2

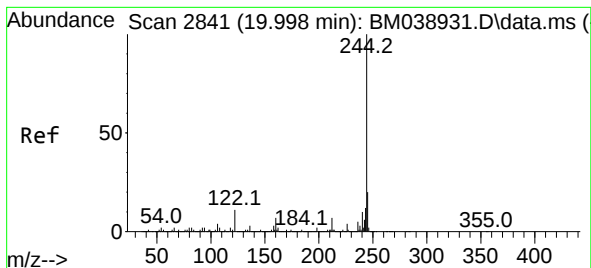
Tgt Ion:240 Resp: 1391644
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.7 20.8 31.2



#77
Benzidine
Concen: 4.916 ng
RT: 19.609 min Scan# 2775
Delta R.T. 0.012 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion:184 Resp: 1416
Ion Ratio Lower Upper
184 100
185 32.6 12.2 18.4#
183 24.6 8.8 13.2#





#79

Terphenyl-d14

Concen: 110.251 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039055.D

Acq: 20 Mar 2023 21:48

Instrument :

BNA_M

ClientSampleId :

UNION-2

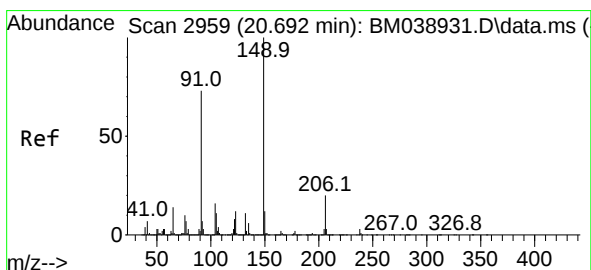
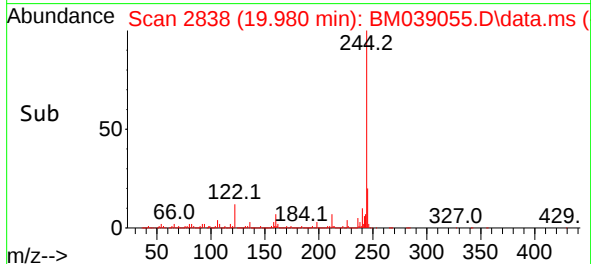
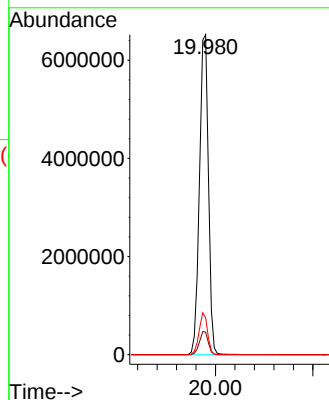
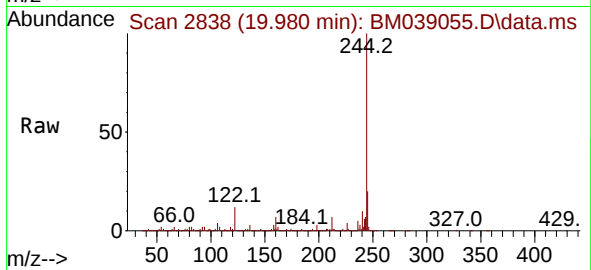
Tgt Ion:244 Resp: 8391811

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.332 ng

RT: 20.768 min Scan# 2972

Delta R.T. 0.094 min

Lab File: BM039055.D

Acq: 20 Mar 2023 21:48

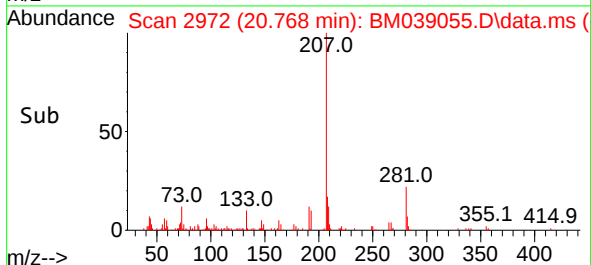
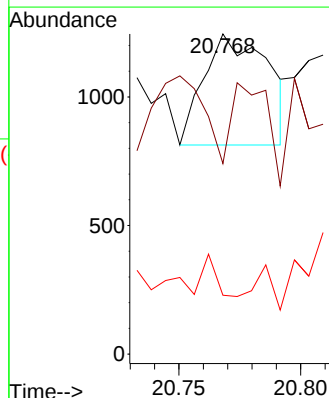
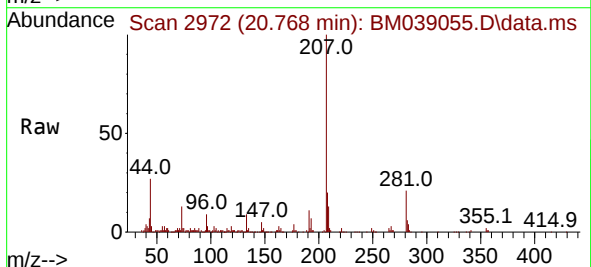
Tgt Ion:149 Resp: 790

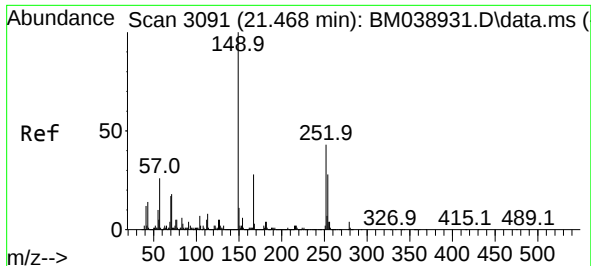
Ion Ratio Lower Upper

149 100

91 59.5 58.4 87.6

206 18.4 16.1 24.1

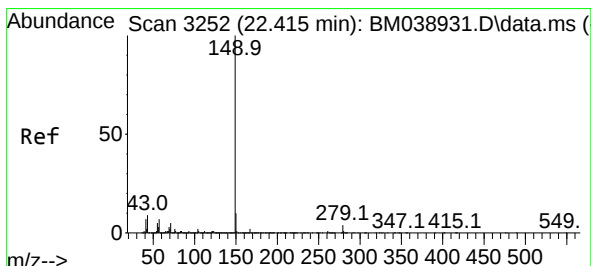
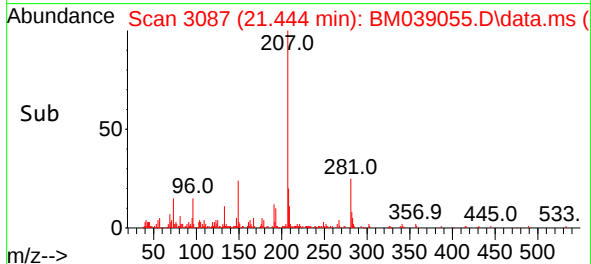
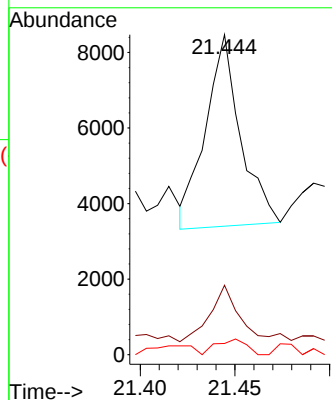
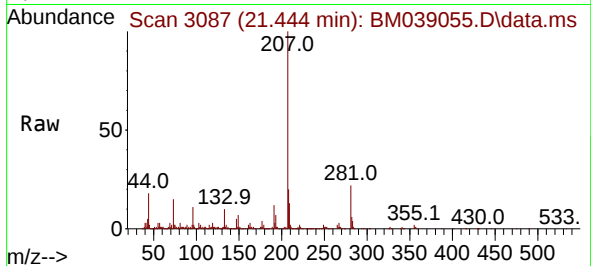




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.581 ng
RT: 21.444 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

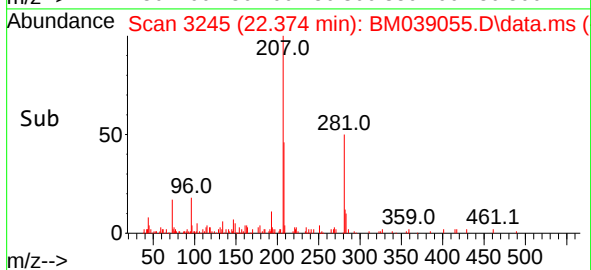
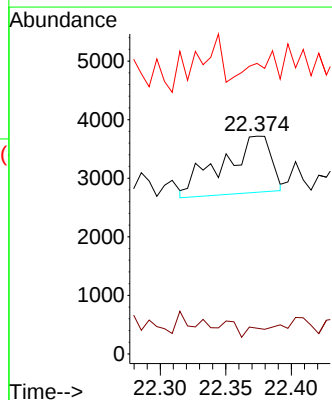
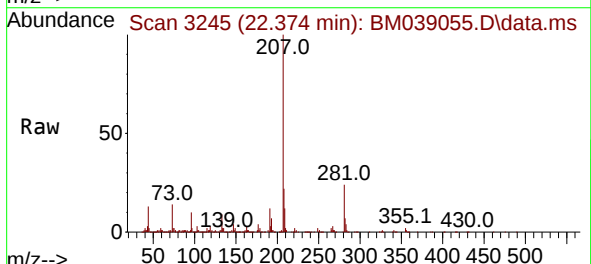
Instrument :
BNA_M
ClientSampleId :
UNION-2

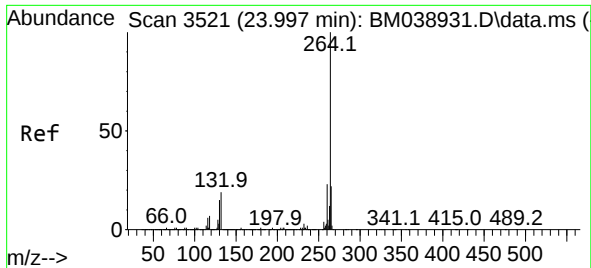
Tgt Ion:149 Resp: 6503
Ion Ratio Lower Upper
149 100
167 21.7 22.3 33.5#
279 3.5 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 3.818 ng
RT: 22.374 min Scan# 3245
Delta R.T. -0.018 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Tgt Ion:149 Resp: 2541
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 20.5 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039055.D
Acq: 20 Mar 2023 21:48

Instrument :
BNA_M
ClientSampleId :
UNION-2

Tgt Ion:264 Resp: 1539838

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	17.9	26.9

