

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038656.D
 Acq On : 01 Feb 2023 23:57
 Operator : CG/JU
 Sample : 01228-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Feb 02 03:56:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

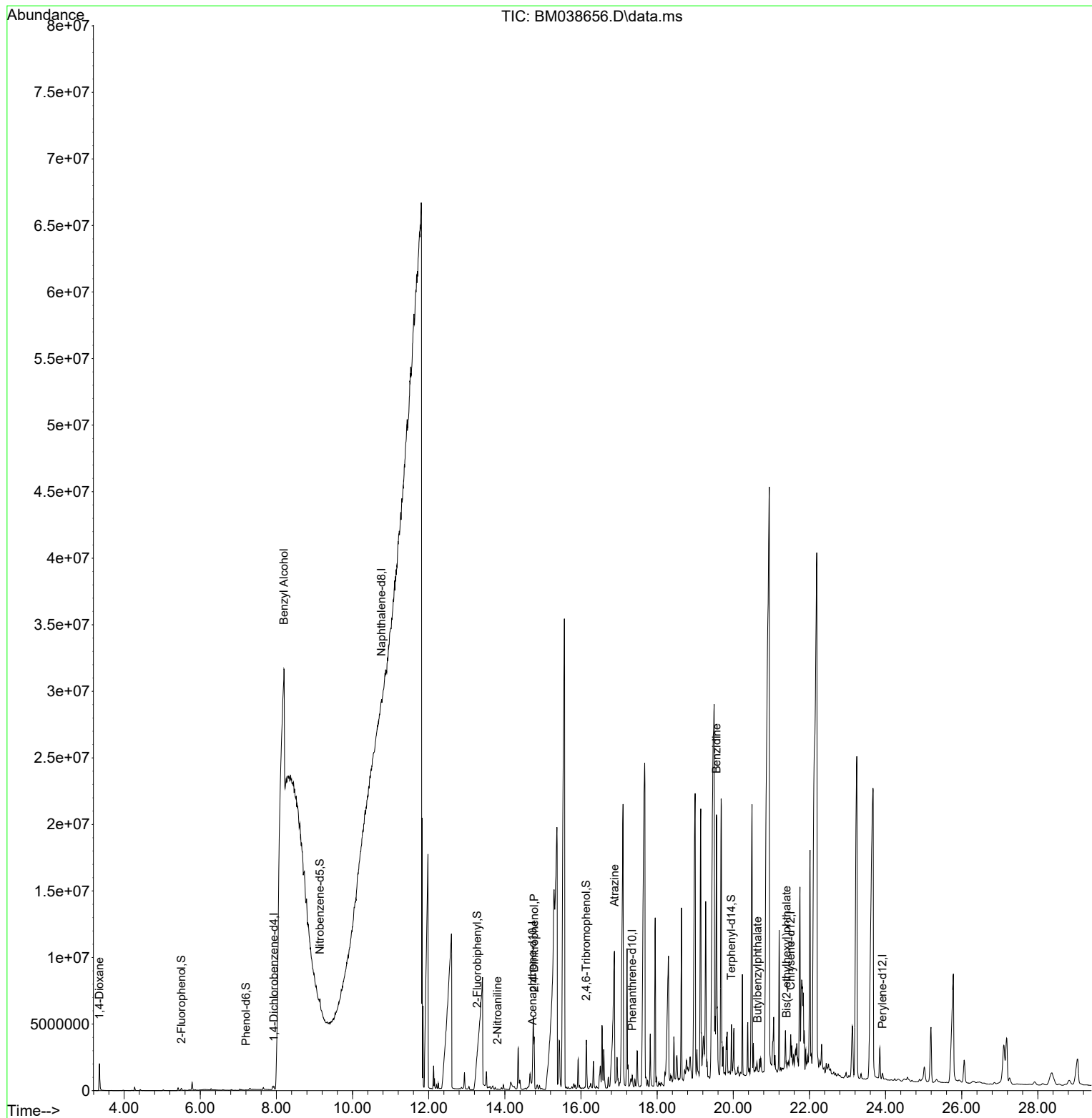
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	79191	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	282388	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	279994	20.000	ng	0.15
64) Phenanthrene-d10	17.345	188	462098	20.000	ng	0.02
76) Chrysene-d12	21.509	240	326307	20.000	ng	0.01
86) Perylene-d12	23.921	264	320748	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	90844	22.472	ng	0.01
7) Phenol-d6	7.198	99	12587	2.730	ng	0.09
23) Nitrobenzene-d5	9.139	82	656474	132.045	ng	0.02
42) 2,4,6-Tribromophenol	16.133	330	288053	75.689	ng	0.07
45) 2-Fluorobiphenyl	13.274	172	365946	16.639	ng	0.07
79) Terphenyl-d14	19.950	244	1614289	87.301	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	1406202	789.028	ng	93
15) Benzyl Alcohol	8.198	79	308396	90.875	ng	# 37
48) 2-Nitroaniline	13.804	65	239	2.229	ng	# 1
54) 2,4-Dinitrophenol	14.768	184	18733	6.197	ng	# 26
69) Atrazine	16.880	200	45364	10.373	ng	# 53
77) Benzidine	19.562	184	13419	4.394	ng	# 1
80) Butylbenzylphthalate	20.633	149	2989	2.174	ng	# 53
84) Bis(2-ethylhexyl)phtha...	21.397	149	18356	2.473	ng	# 61

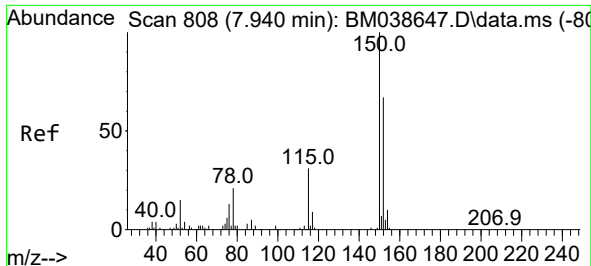
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Time: Feb 02 03:56:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 03:31:45 2023
Response via : Initial Calibration

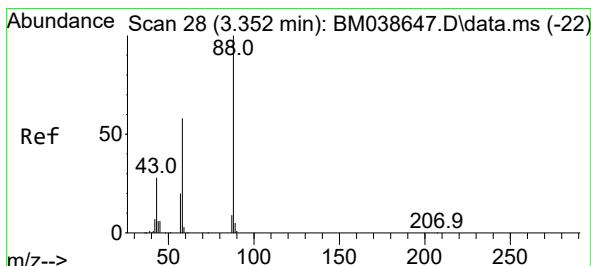
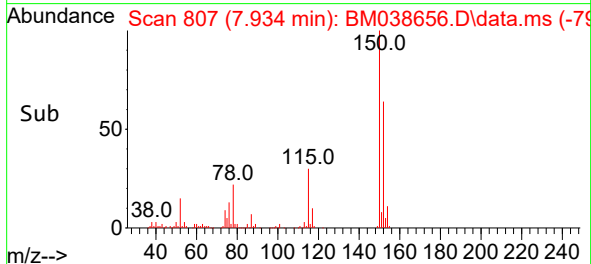
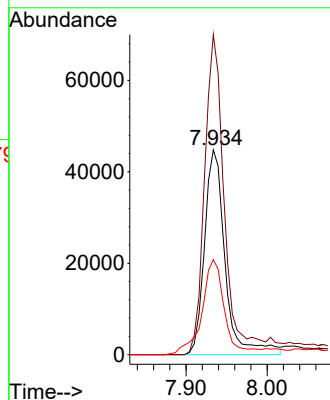
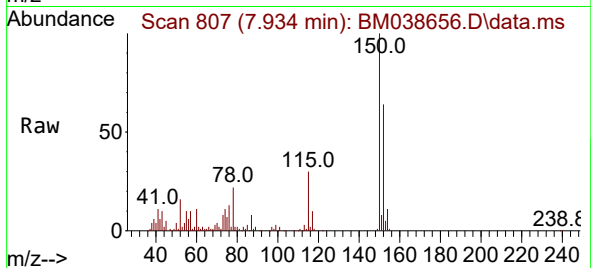




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

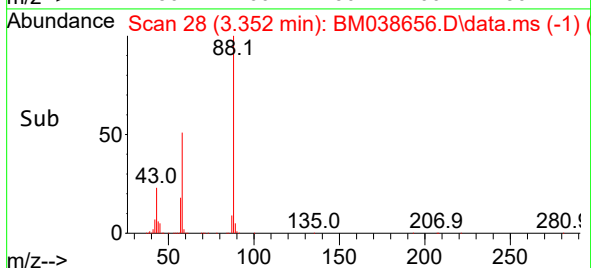
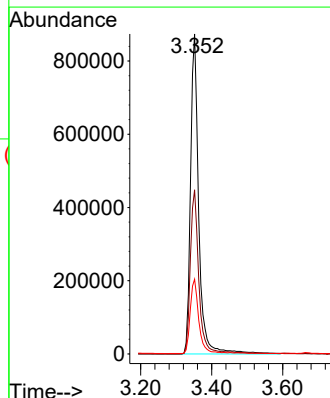
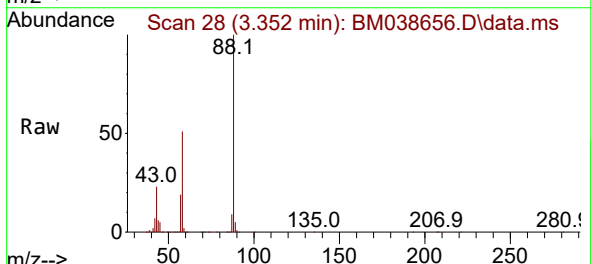
Instrument :
BNA_M
ClientSampleId :
EFF-WW

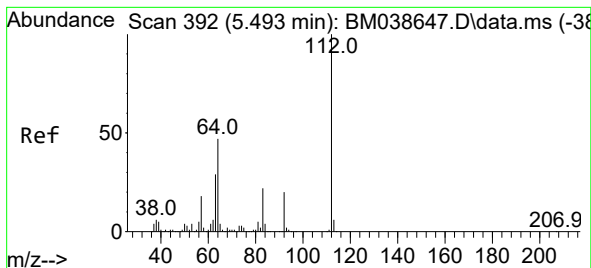
Tgt Ion:152 Resp: 79191
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 46.4 37.6 56.4



#2
1,4-Dioxane
Concen: 789.028 ng
RT: 3.352 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Tgt Ion: 88 Resp: 1406202
Ion Ratio Lower Upper
88 100
58 53.8 47.0 70.4
43 24.5 22.6 33.8

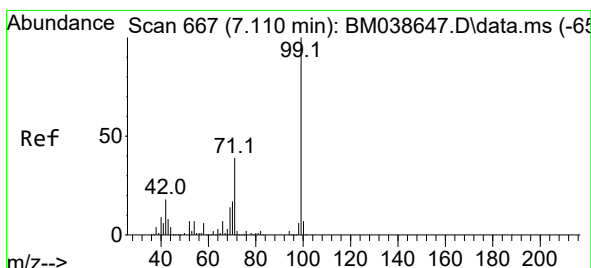
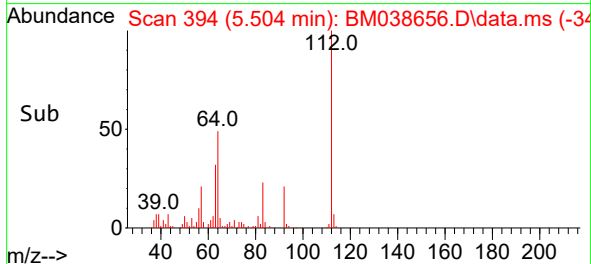
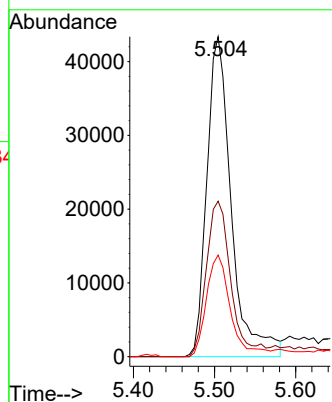
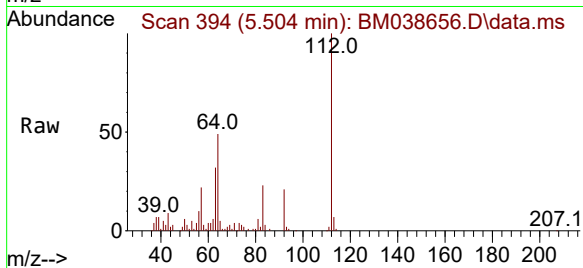




#5
2-Fluorophenol
Concen: 22.472 ng
RT: 5.504 min Scan# 392
Delta R.T. 0.012 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

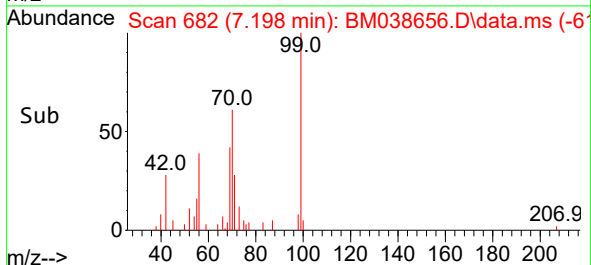
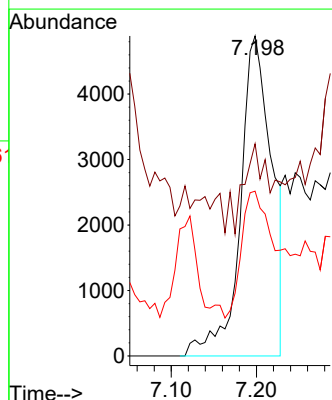
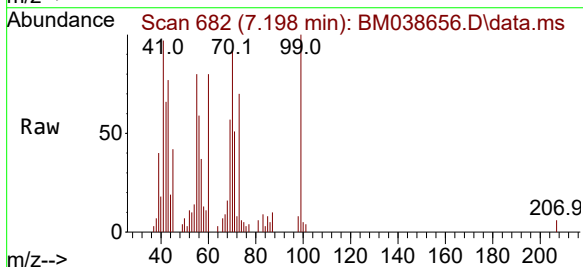
Instrument :
BNA_M
ClientSampleId :
EFF-WW

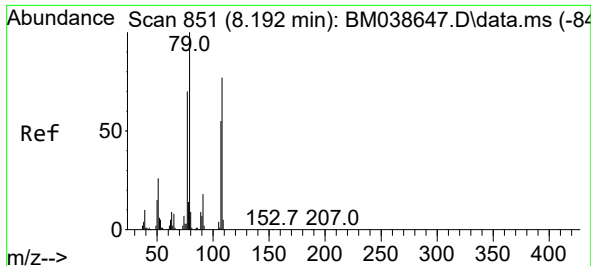
Tgt Ion: 112 Resp: 90844
Ion Ratio Lower Upper
112 100
64 48.6 37.9 56.9
63 31.7 23.3 34.9



#7
Phenol-d6
Concen: 2.730 ng
RT: 7.198 min Scan# 682
Delta R.T. 0.088 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Tgt Ion: 99 Resp: 12587
Ion Ratio Lower Upper
99 100
42 66.3 14.6 22.0#
71 51.5 31.0 46.4#

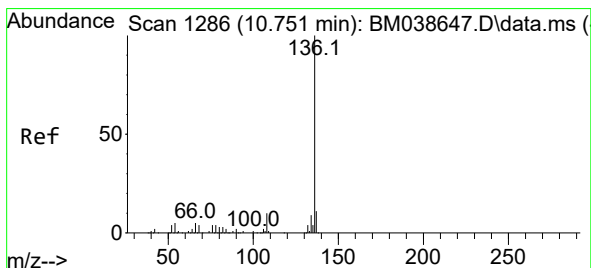
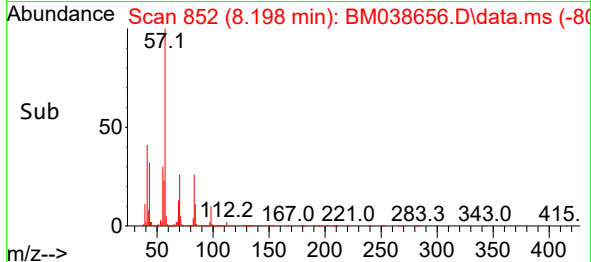
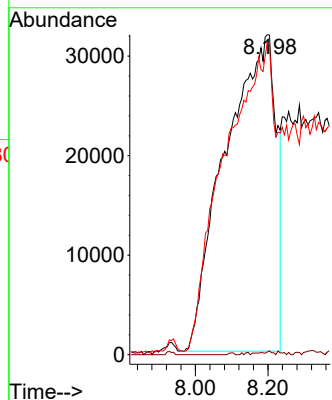
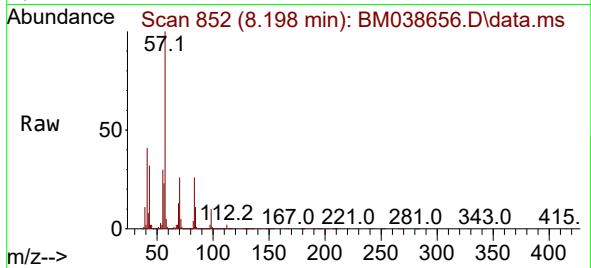




#15
Benzyl Alcohol
Concen: 90.875 ng
RT: 8.198 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

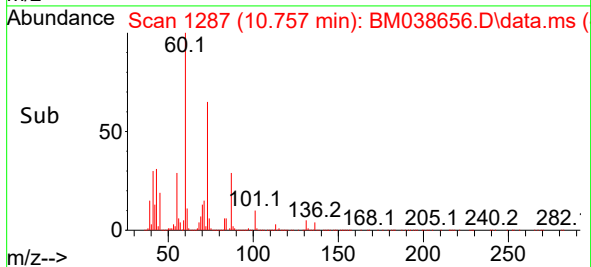
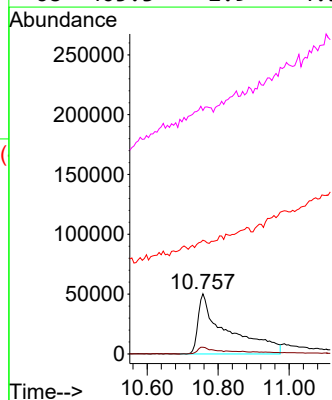
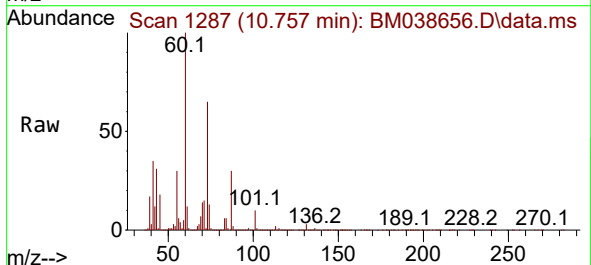
Instrument :
BNA_M
ClientSampleId :
EFF-WW

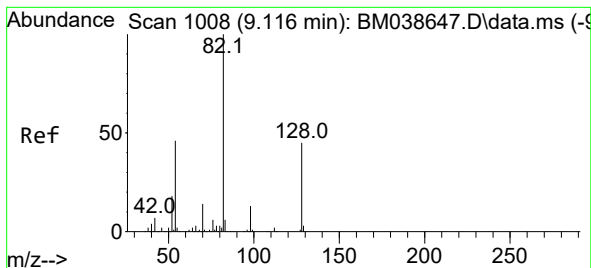
Tgt Ion: 79 Resp: 308396
Ion Ratio Lower Upper
79 100
108 0.8 61.9 92.9#
77 97.7 55.8 83.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Tgt Ion: 136 Resp: 282388
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 189.3 4.2 6.4#
68 405.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 132.045 ng

RT: 9.139 min Scan# 1008

Delta R.T. 0.024 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

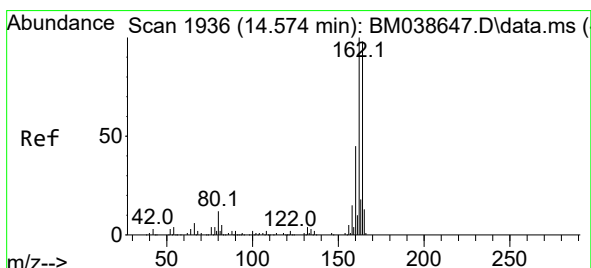
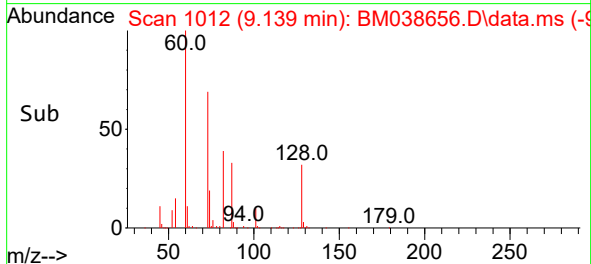
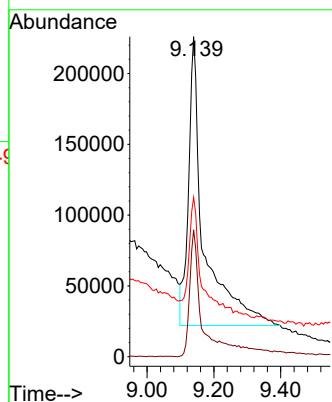
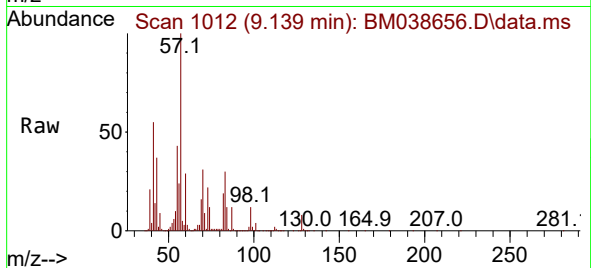
Tgt Ion: 82 Resp: 656474

Ion Ratio Lower Upper

82 100

128 39.7 36.0 54.0

54 49.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.721 min Scan# 1961

Delta R.T. 0.147 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

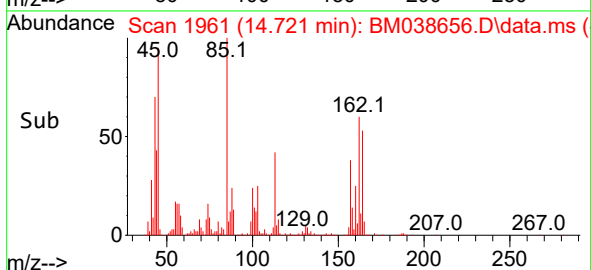
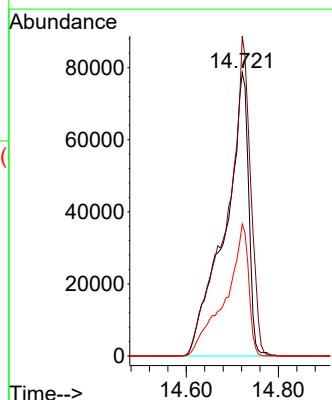
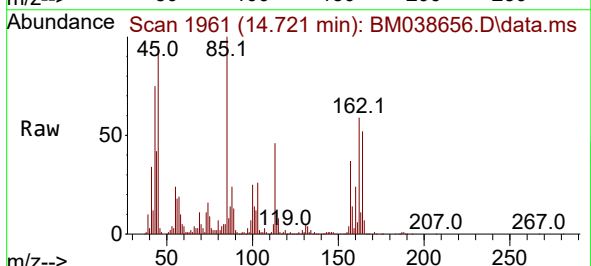
Tgt Ion:164 Resp: 279994

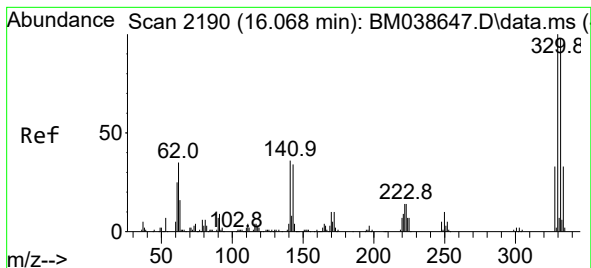
Ion Ratio Lower Upper

164 100

162 113.0 81.4 122.0

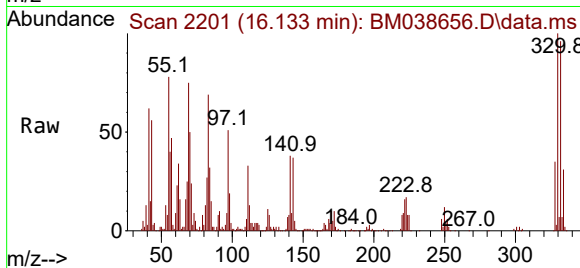
160 46.6 36.5 54.7



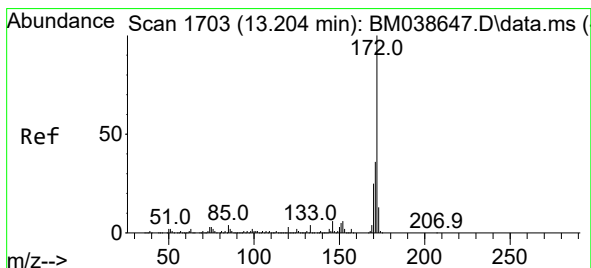
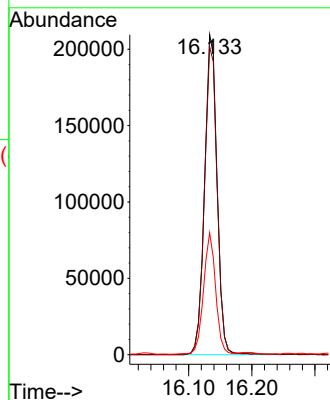
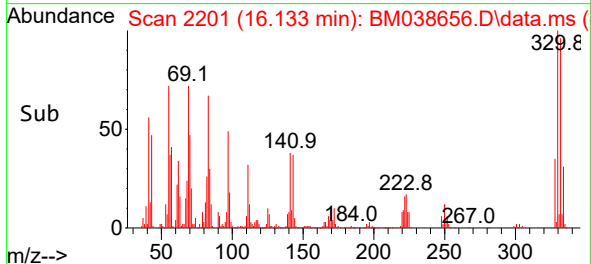


#42
2,4,6-Tribromophenol
Concen: 75.689 ng
RT: 16.133 min Scan# 2190
Delta R.T. 0.065 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

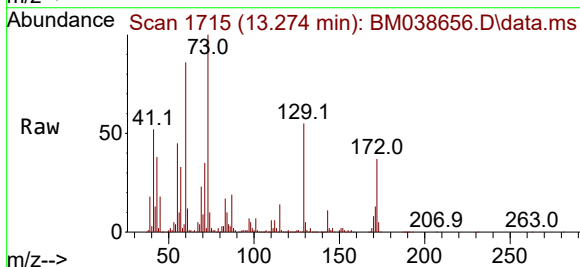
Instrument :
BNA_M
ClientSampleId :
EFF-WW



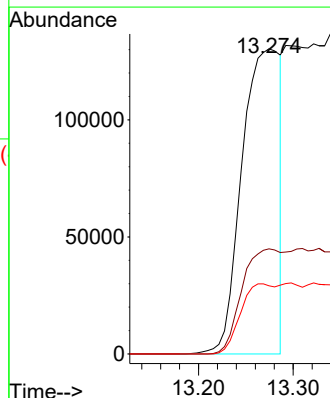
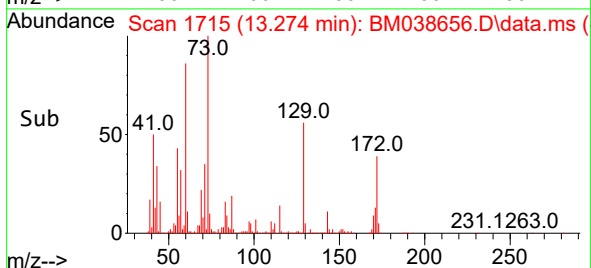
Tgt Ion:330 Resp: 288053
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 36.7 31.0 46.6

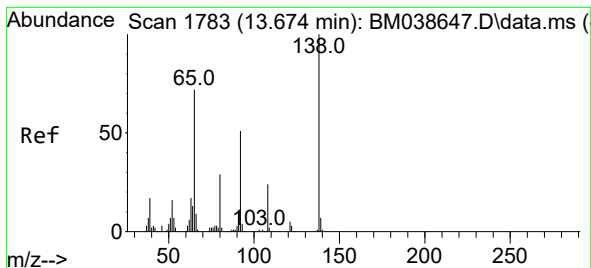


#45
2-Fluorobiphenyl
Concen: 16.639 ng
RT: 13.274 min Scan# 1715
Delta R.T. 0.071 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57



Tgt Ion:172 Resp: 365946
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.3 20.0 30.0





#48

2-Nitroaniline

Concen: 2.229 ng

RT: 13.804 min Scan# 1

Delta R.T. 0.130 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

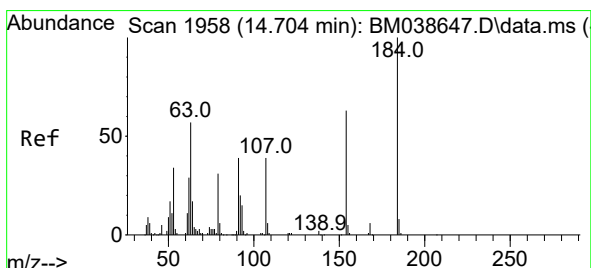
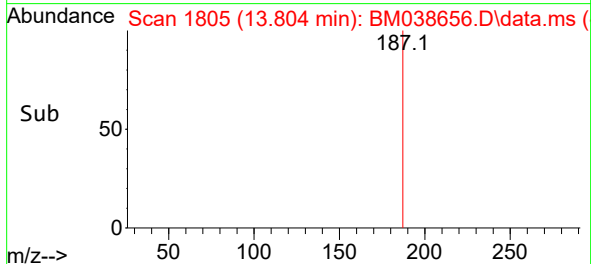
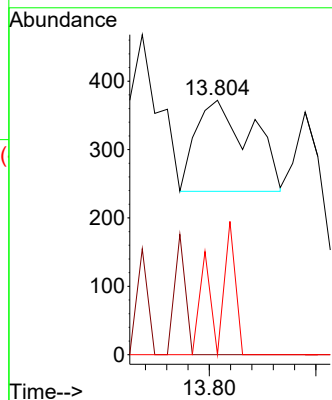
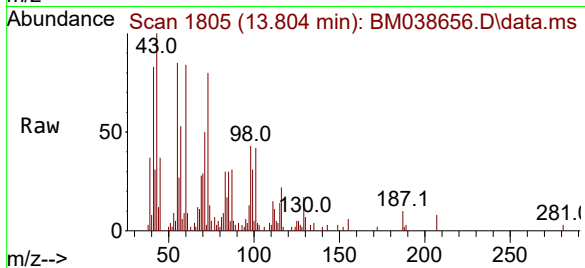
Tgt Ion: 65 Resp: 239

Ion Ratio Lower Upper

65 100

92 0.0 55.9 83.9#

138 0.0 110.6 166.0#



#54

2,4-Dinitrophenol

Concen: 6.197 ng

RT: 14.768 min Scan# 1969

Delta R.T. 0.064 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

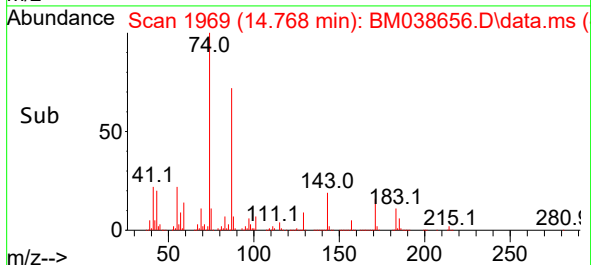
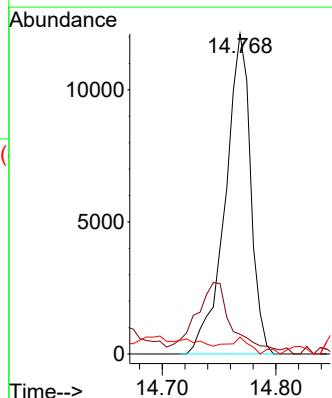
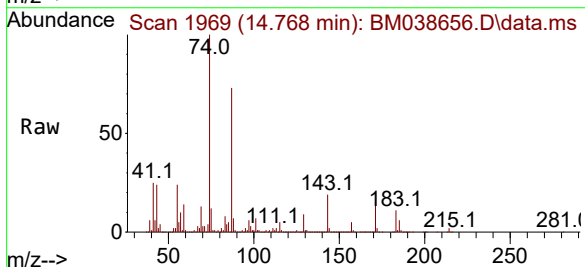
Tgt Ion:184 Resp: 18733

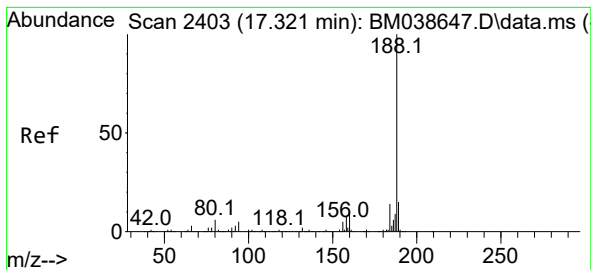
Ion Ratio Lower Upper

184 100

63 6.1 45.9 68.9#

154 5.3 54.9 82.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2403

Delta R.T. 0.024 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

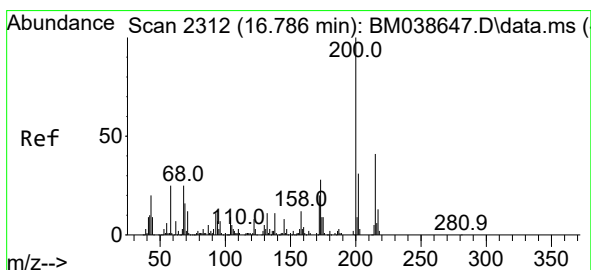
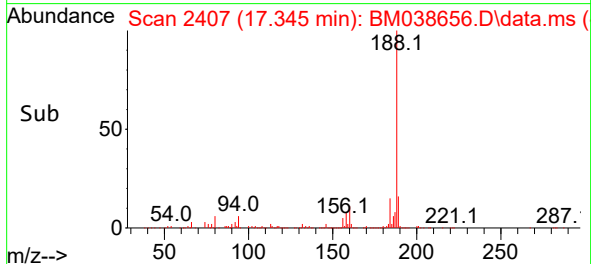
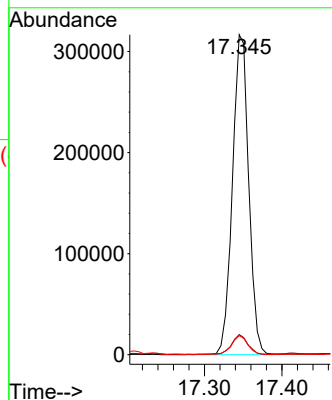
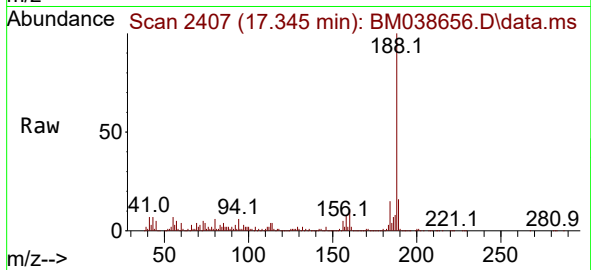
Tgt Ion:188 Resp: 462098

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

80 6.0 4.6 7.0



#69

Atrazine

Concen: 10.373 ng

RT: 16.880 min Scan# 2328

Delta R.T. 0.094 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

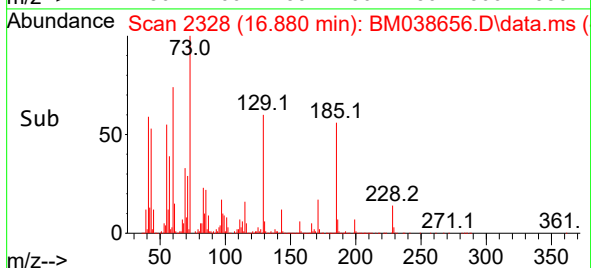
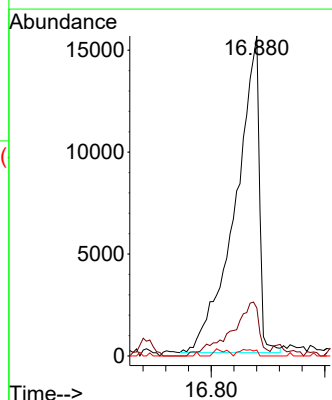
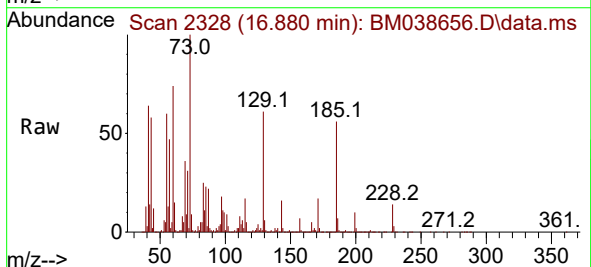
Tgt Ion:200 Resp: 45364

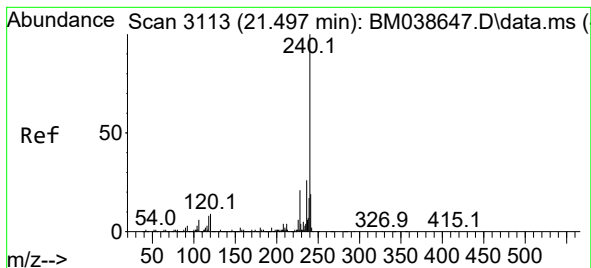
Ion Ratio Lower Upper

200 100

173 15.0 7.9 47.9

215 1.8 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

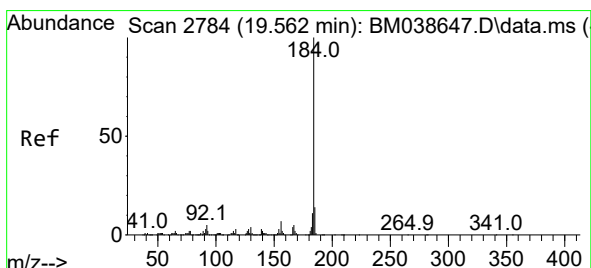
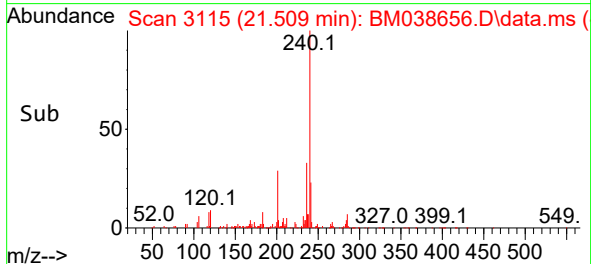
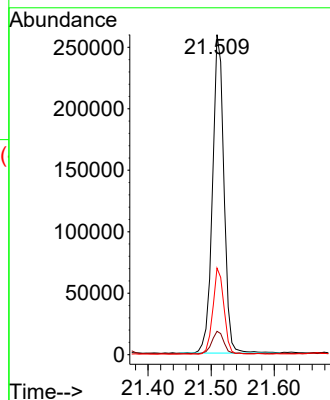
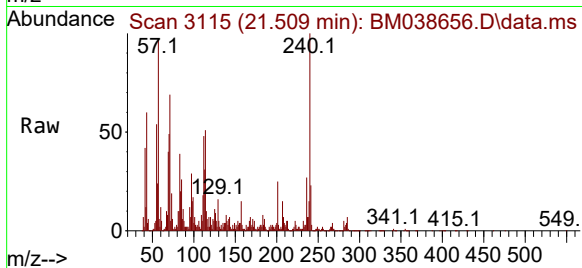
Tgt Ion:240 Resp: 326307

Ion Ratio Lower Upper

240 100

120 7.3 7.0 10.4

236 27.1 20.9 31.3



#77

Benzidine

Concen: 4.394 ng

RT: 19.562 min Scan# 2784

Delta R.T. 0.000 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

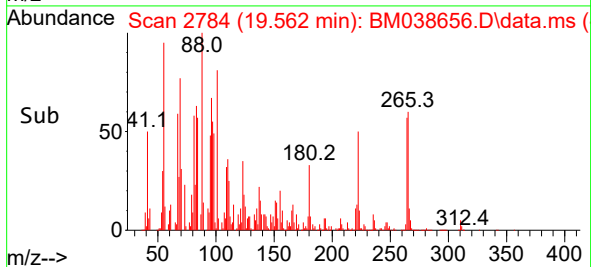
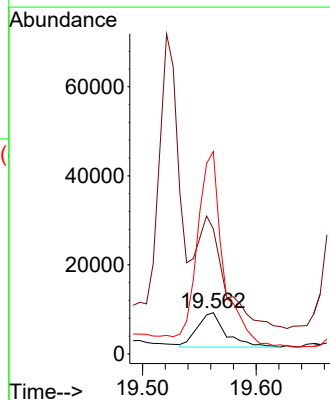
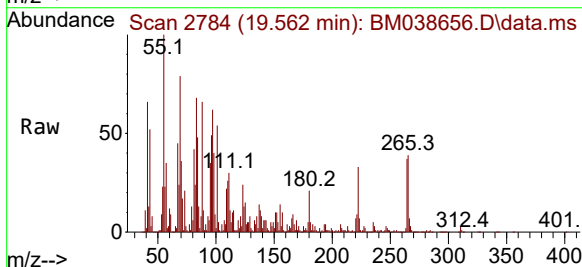
Tgt Ion:184 Resp: 13419

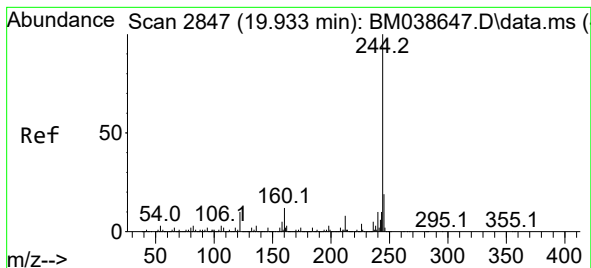
Ion Ratio Lower Upper

184 100

185 303.8 10.8 16.2#

183 491.2 8.8 13.2#





#79

Terphenyl-d14

Concen: 87.301 ng

RT: 19.950 min Scan# 2

Delta R.T. 0.018 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

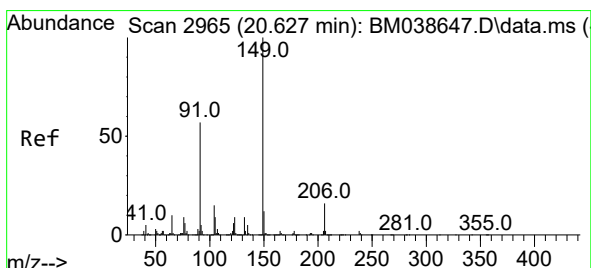
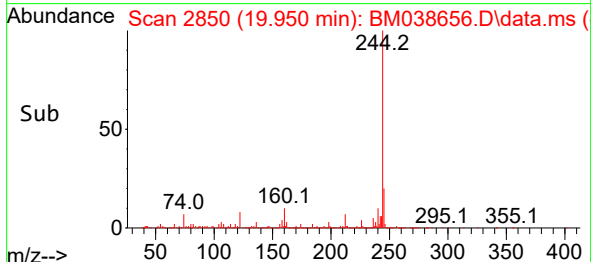
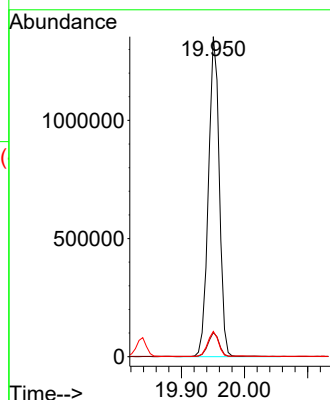
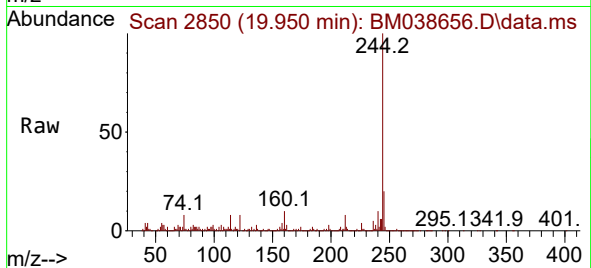
Tgt Ion:244 Resp: 1614289

Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

122 7.9 7.8 11.8



#80

Butylbenzylphthalate

Concen: 2.174 ng

RT: 20.633 min Scan# 2966

Delta R.T. 0.006 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

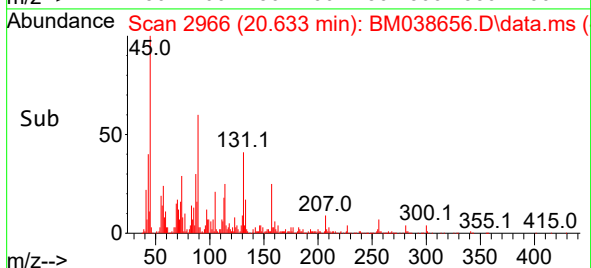
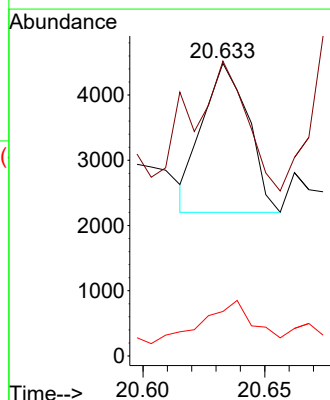
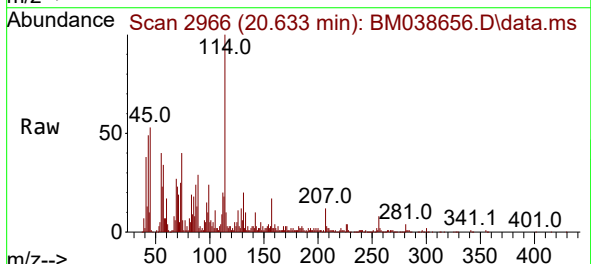
Tgt Ion:149 Resp: 2989

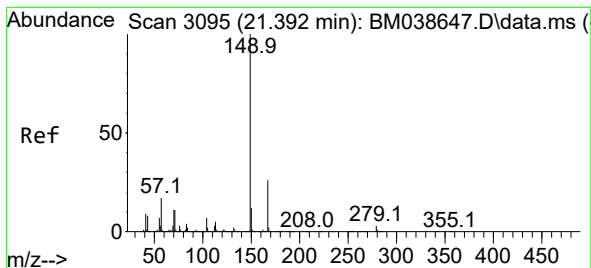
Ion Ratio Lower Upper

149 100

91 100.8 45.6 68.4#

206 15.2 12.5 18.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.473 ng

RT: 21.397 min Scan# 3095

Delta R.T. 0.005 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

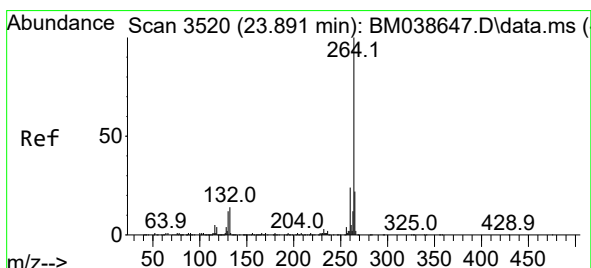
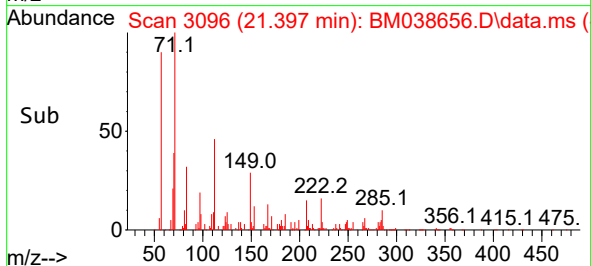
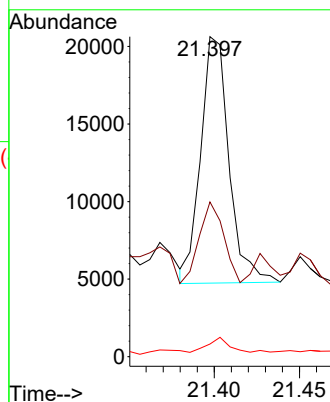
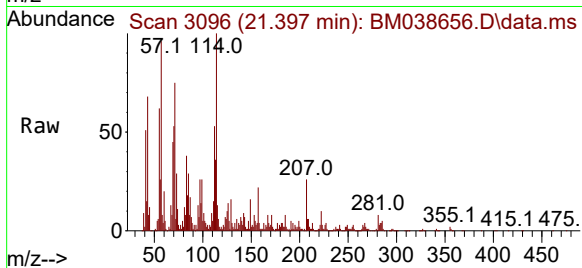
Tgt Ion:149 Resp: 18356

Ion Ratio Lower Upper

149 100

167 48.3 20.8 31.2#

279 4.0 2.5 3.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3525

Delta R.T. 0.029 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Tgt Ion:264 Resp: 320748

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 23.1 17.9 26.9

