

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038657.D
 Acq On : 02 Feb 2023 00:34
 Operator : CG/JU
 Sample : 01228-02 DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWDL

Quant Time: Feb 02 03:56:50 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)

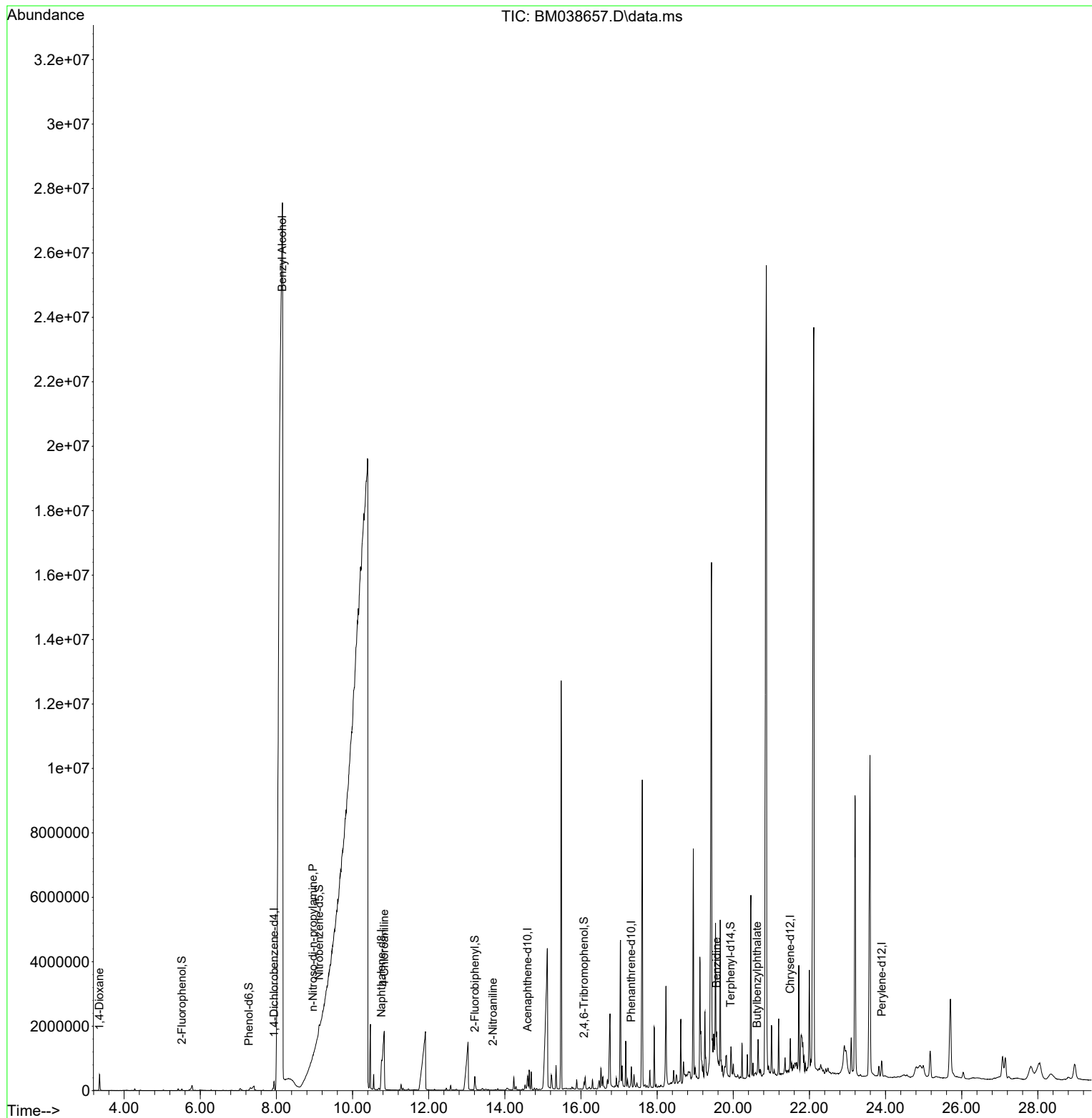
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	83172	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	290112	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	181917	20.000	ng	0.02
64) Phenanthrene-d10	17.321	188	371818	20.000	ng	0.00
76) Chrysene-d12	21.498	240	314037	20.000	ng	0.00
86) Perylene-d12	23.897	264	362450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	25291	5.957	ng	0.02
7) Phenol-d6	7.275	99	12452	2.571	ng	0.16
23) Nitrobenzene-d5	9.122	82	84529	16.550	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	36531	14.774	ng	0.01
45) 2-Fluorobiphenyl	13.210	172	213405	14.935	ng	0.00
79) Terphenyl-d14	19.933	244	248688	13.975	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	293530	156.818	ng	93
15) Benzyl Alcohol	8.151	79	186871	52.430	ng	# 38
19) n-Nitroso-di-n-propyla...	8.957	70	272940	93.508	ng	# 35
33) 4-Chloroaniline	10.834	127	14568	2.233	ng	# 11
48) 2-Nitroaniline	13.686	65	57	2.192	ng	# 1
77) Benzidine	19.562	184	1772	3.289	ng	# 1
80) Butylbenzylphthalate	20.627	149	948	2.020	ng	# 70

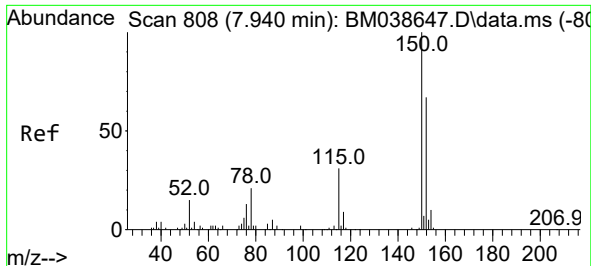
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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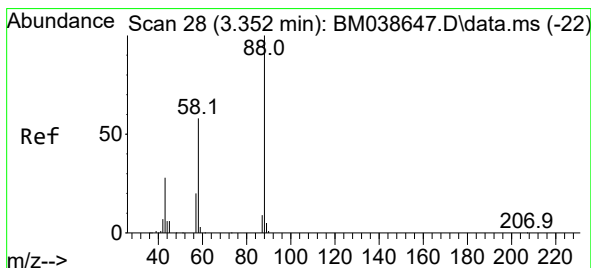
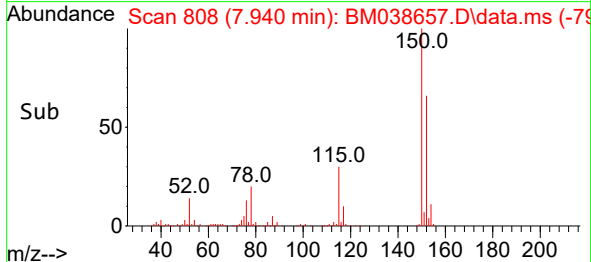
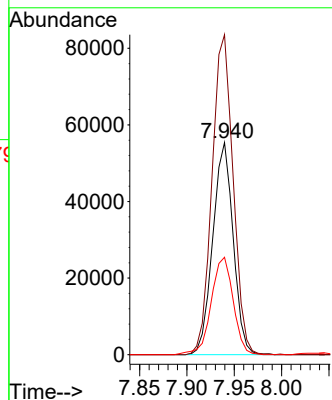
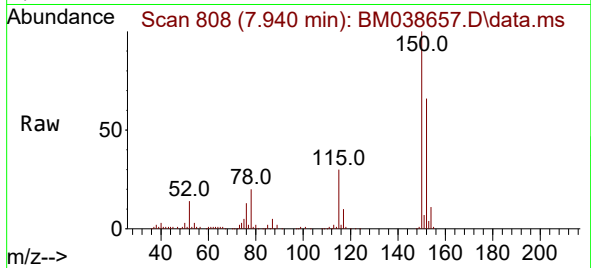




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

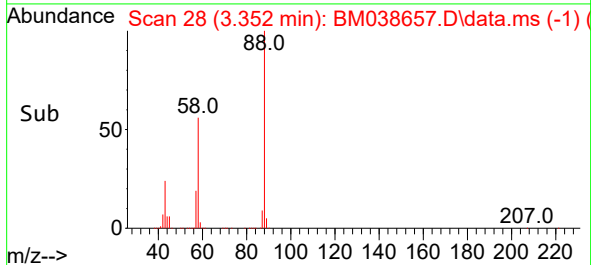
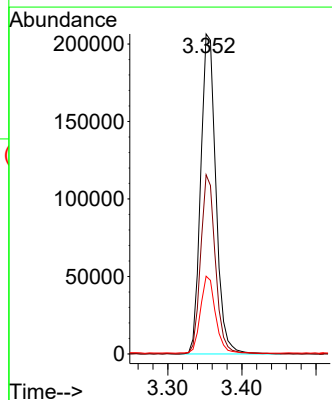
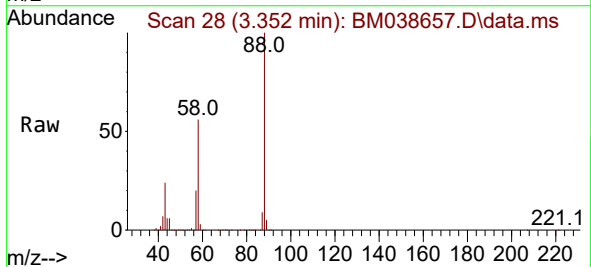
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BNA_M
ClientSampleId :
EFF-WWDL

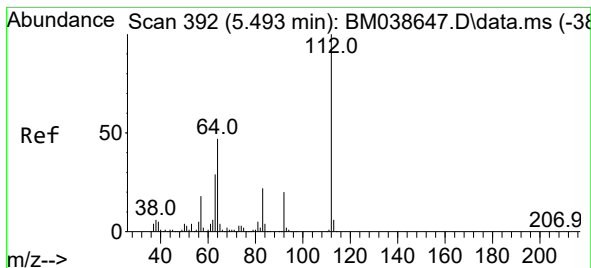
Tgt Ion:152 Resp: 83172
Ion Ratio Lower Upper
152 100
150 150.9 119.5 179.3
115 46.0 37.6 56.4



#2
1,4-Dioxane
Concen: 156.818 ng
RT: 3.352 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion: 88 Resp: 293530
Ion Ratio Lower Upper
88 100
58 54.5 47.0 70.4
43 23.8 22.6 33.8

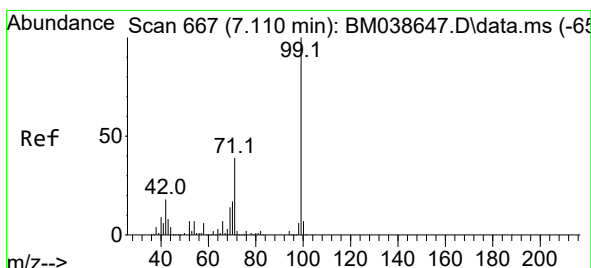
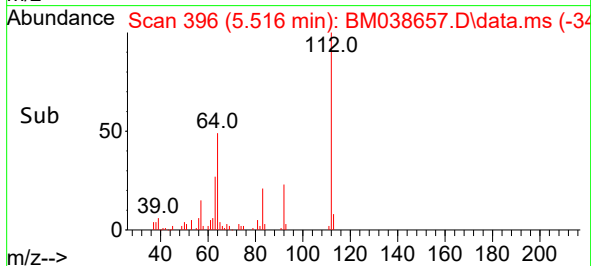
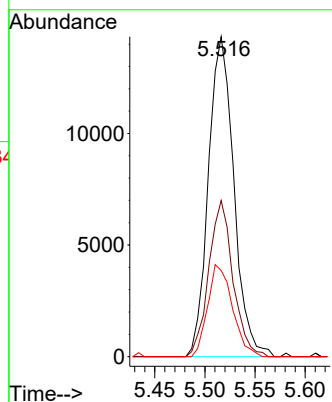
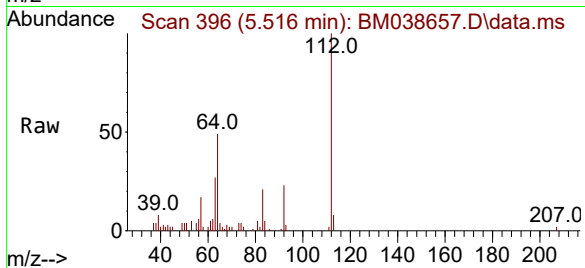




#5
2-Fluorophenol
Concen: 5.957 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.024 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

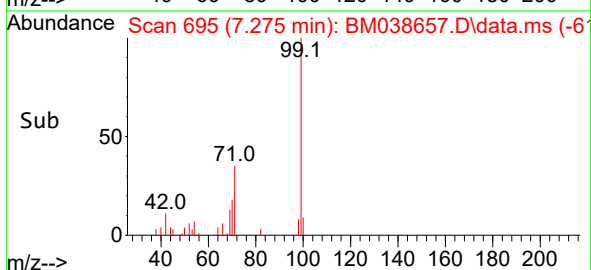
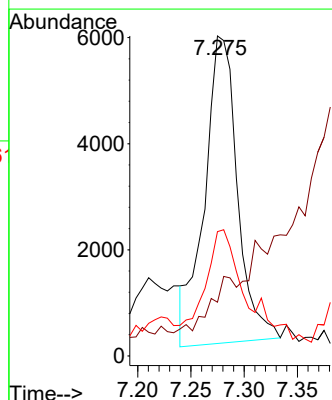
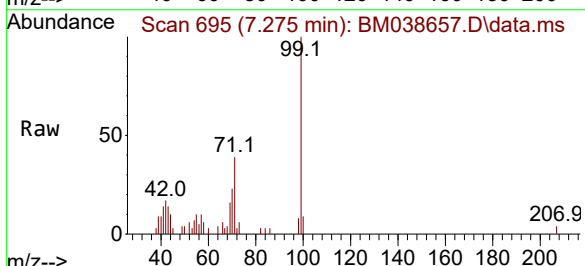
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

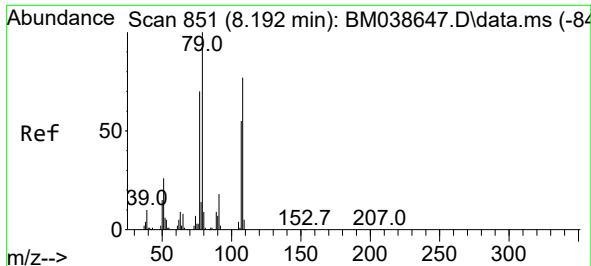
Tgt Ion:	112	Resp:	25291
Ion	Ratio	Lower	Upper
112	100		
64	48.8	37.9	56.9
63	26.9	23.3	34.9



#7
Phenol-d6
Concen: 2.571 ng
RT: 7.275 min Scan# 695
Delta R.T. 0.165 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion:	99	Resp:	12452
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.6	22.0
71	38.8	31.0	46.4

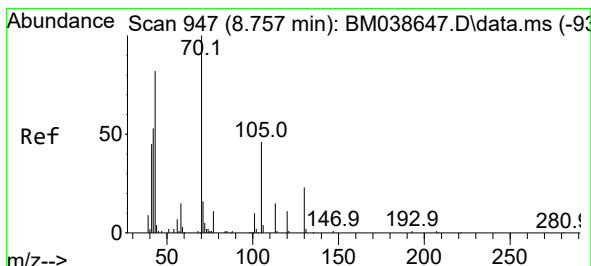
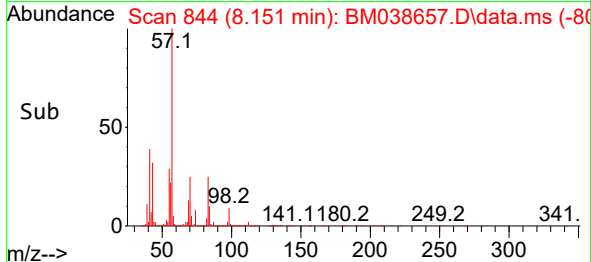
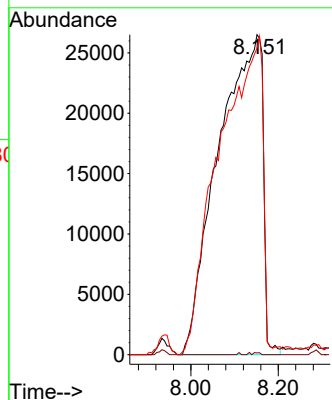
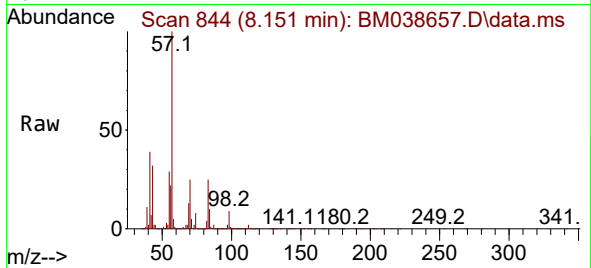




#15
Benzyl Alcohol
Concen: 52.430 ng
RT: 8.151 min Scan# 84
Delta R.T. -0.041 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

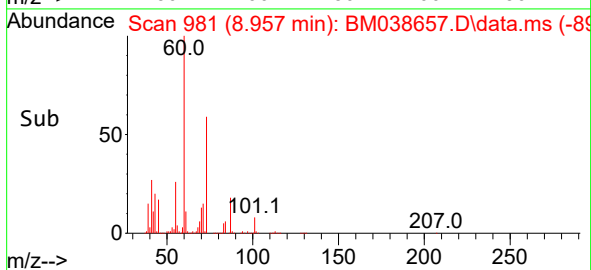
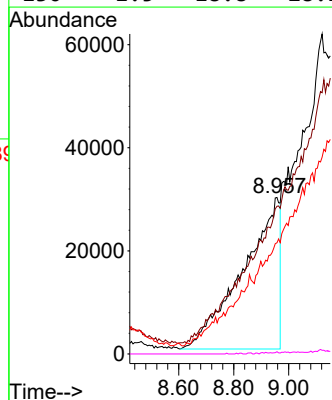
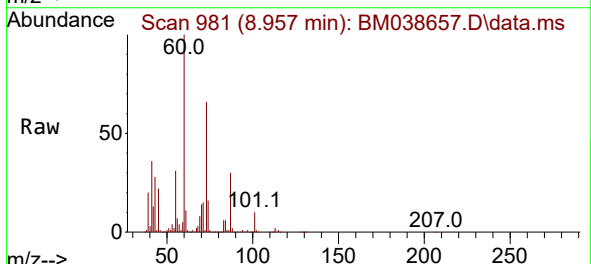
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

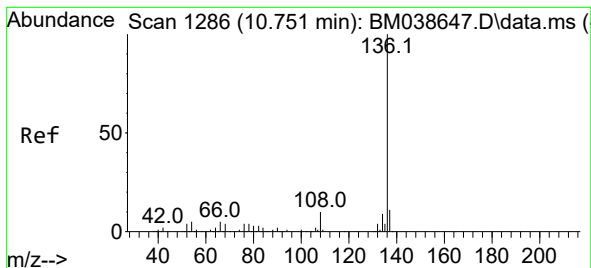
Tgt Ion: 79 Resp: 186871
Ion Ratio Lower Upper
79 100
108 0.6 61.9 92.9#
77 95.7 55.8 83.8#



#19
n-Nitroso-di-n-propylamine
Concen: 93.508 ng
RT: 8.957 min Scan# 981
Delta R.T. 0.200 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion: 70 Resp: 272940
Ion Ratio Lower Upper
70 100
42 94.3 43.4 65.2#
101 71.0 8.2 12.2#
130 1.5 18.8 28.2#

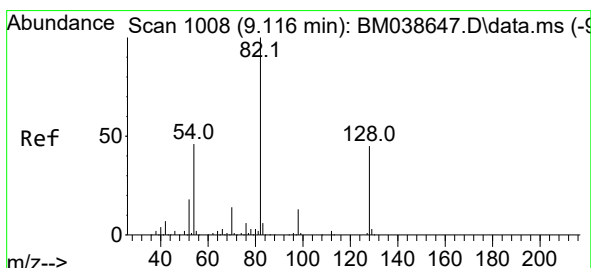
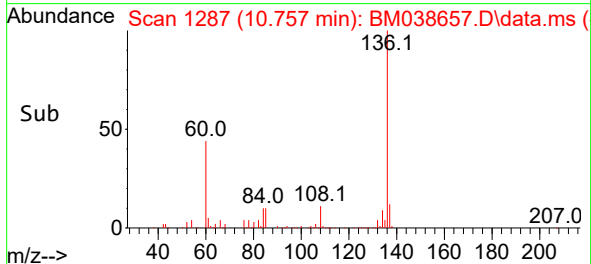
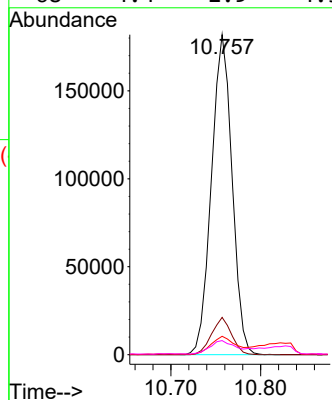
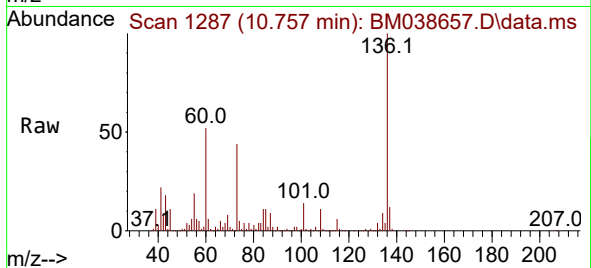




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

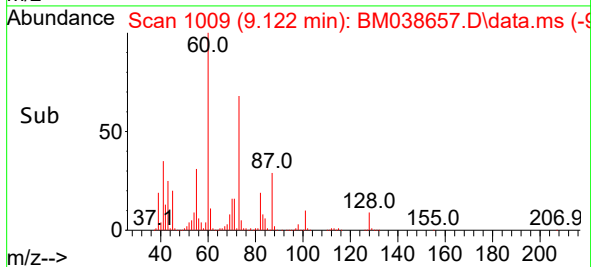
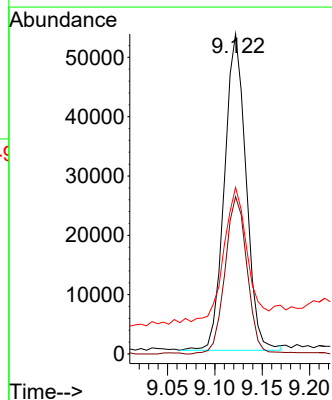
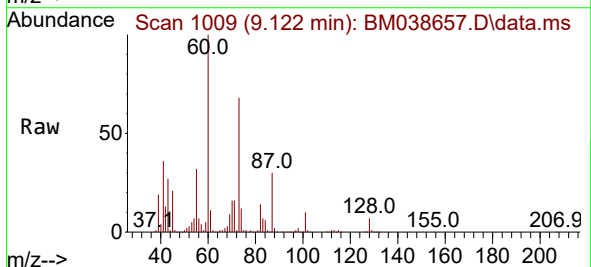
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

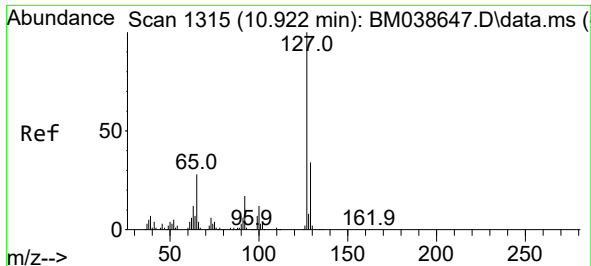
Tgt Ion:136 Resp: 290112
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.7 4.2 6.4
68 4.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 16.550 ng
RT: 9.122 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion: 82 Resp: 84529
Ion Ratio Lower Upper
82 100
128 49.1 36.0 54.0
54 52.1 36.8 55.2

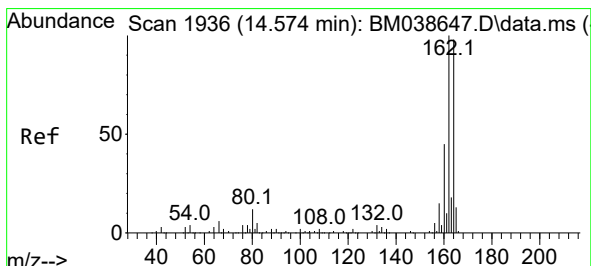
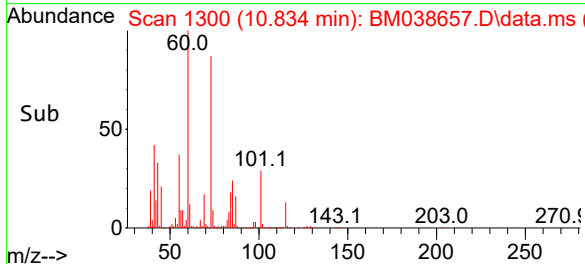
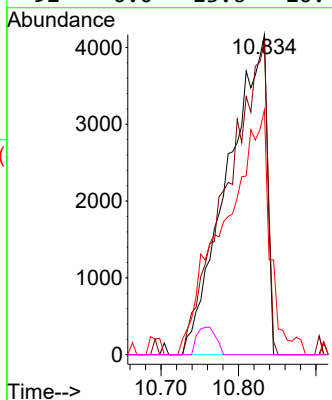
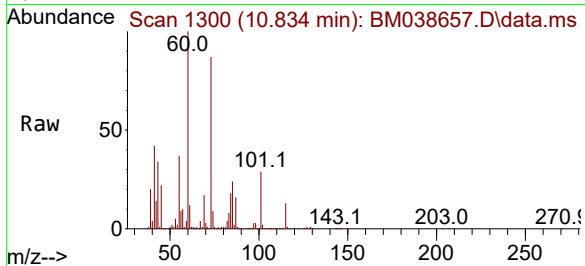




#33
4-Chloroaniline
Concen: 2.233 ng
RT: 10.834 min Scan# 11
Delta R.T. -0.088 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

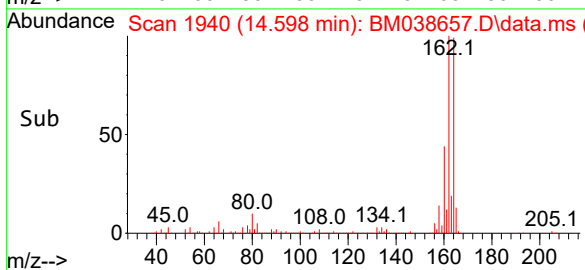
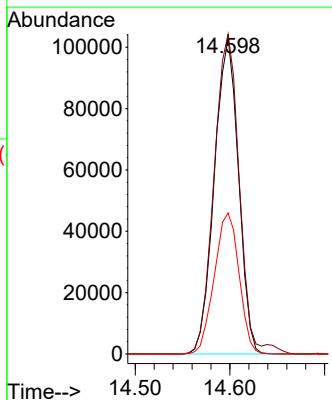
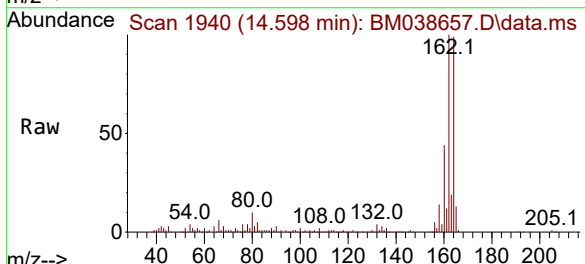
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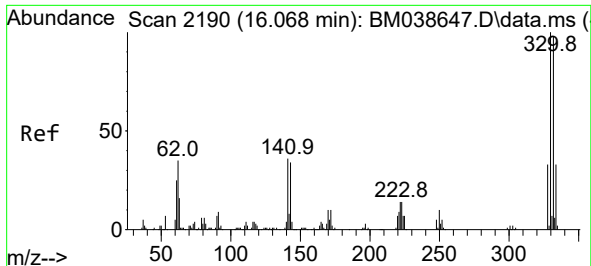
Tgt Ion:127	Resp:	14568
Ion Ratio	Lower	Upper
127	100	
129	97.7	27.1 40.7#
65	76.5	22.2 33.4#
92	0.0	13.6 20.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1940
Delta R.T. 0.024 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion:164	Resp:	181917
Ion Ratio	Lower	Upper
164	100	
162	101.3	81.4 122.0
160	44.6	36.5 54.7

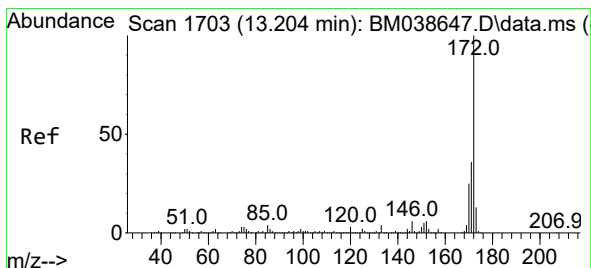
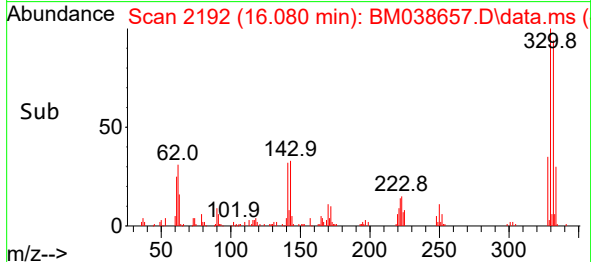
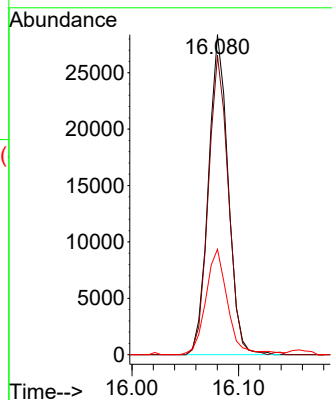
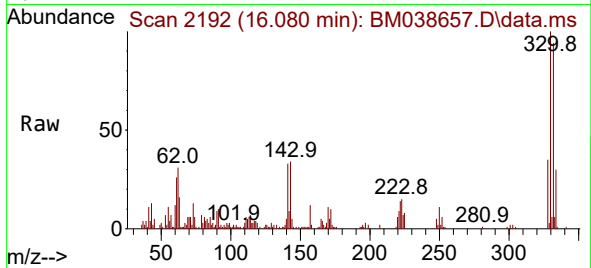




#42
2,4,6-Tribromophenol
Concen: 14.774 ng
RT: 16.080 min Scan# 2190
Delta R.T. 0.012 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

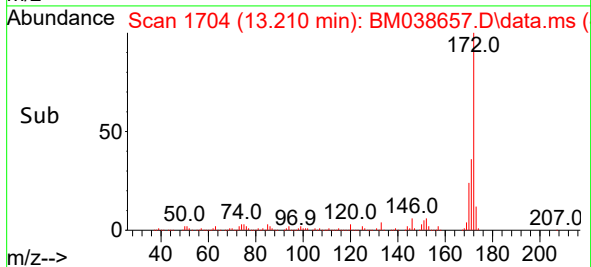
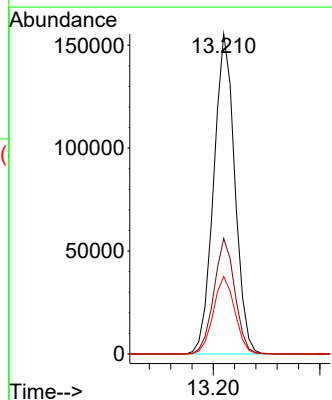
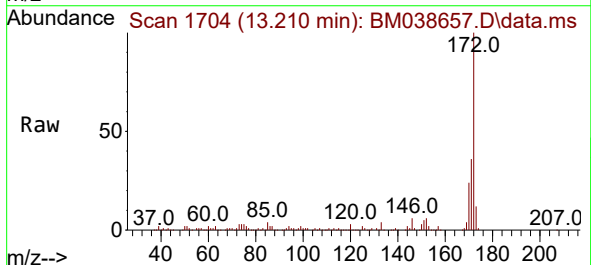
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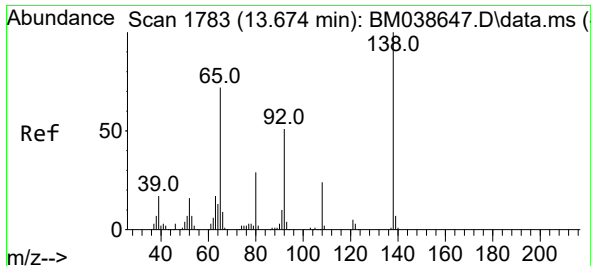
Tgt Ion:330 Resp: 36531
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.6
141 36.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 14.935 ng
RT: 13.210 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion:172 Resp: 213405
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.2 20.0 30.0

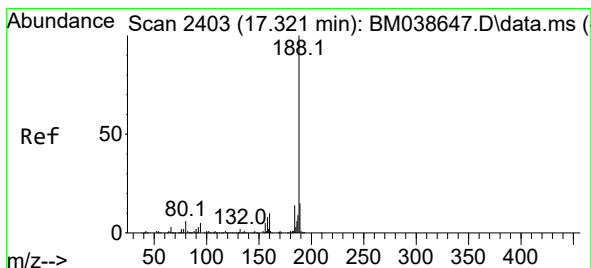
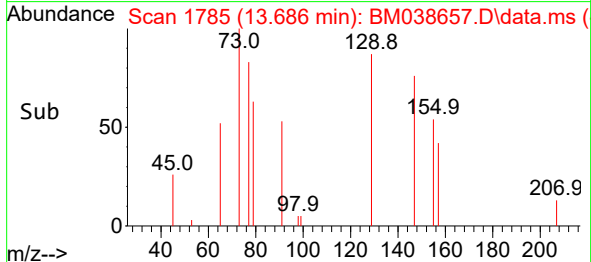
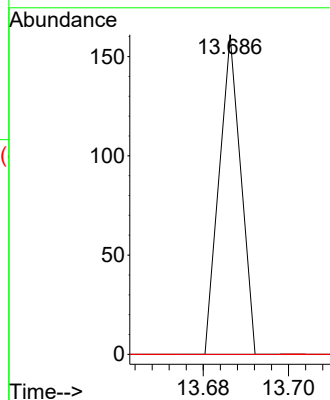
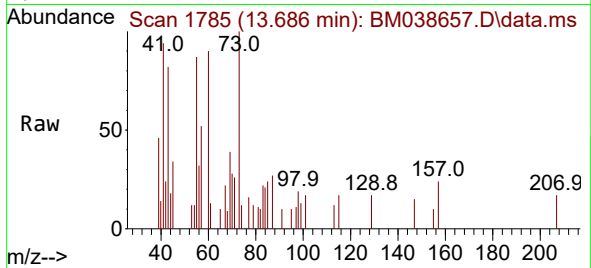




#48
2-Nitroaniline
Concen: 2.192 ng
RT: 13.686 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

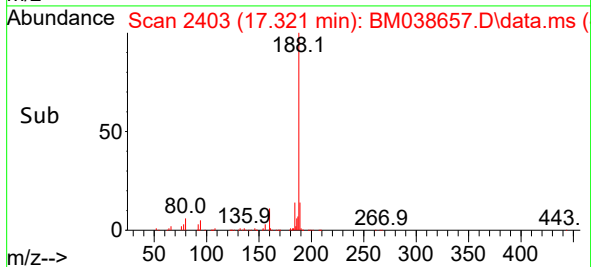
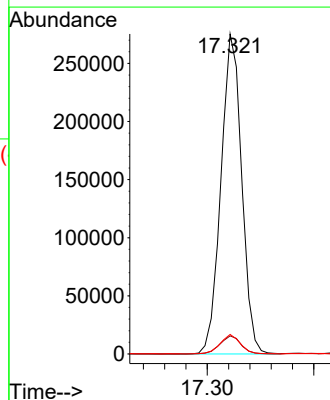
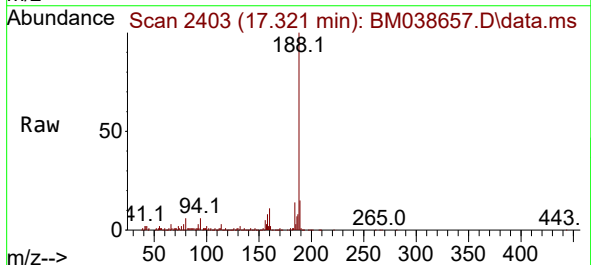
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

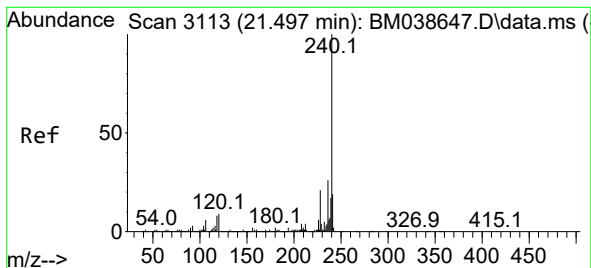
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 55.9 83.9#
138 0.0 110.6 166.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Tgt Ion:188 Resp: 371818
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.4
80 6.1 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM038657.D

Acq: 02 Feb 2023 00:34

Instrument :

BNA_M

ClientSampleId :

EFF-WWDL

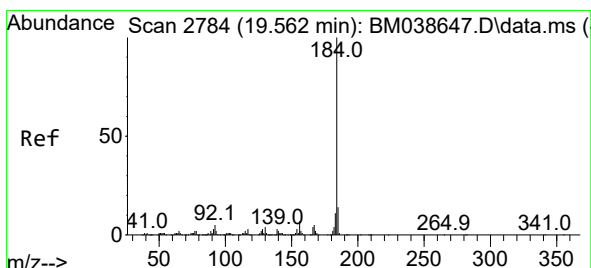
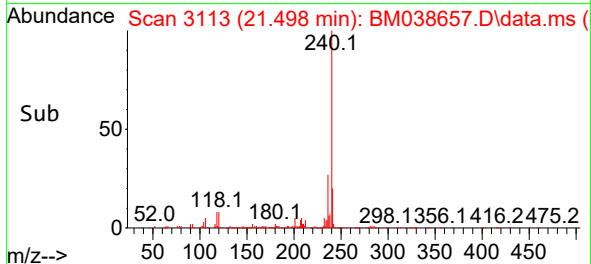
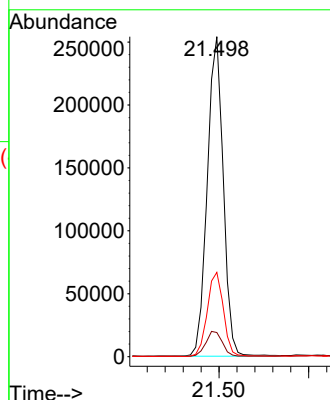
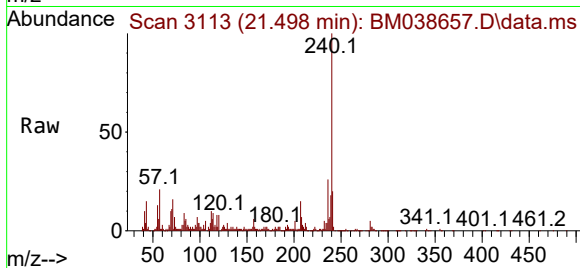
Tgt Ion:240 Resp: 314037

Ion Ratio Lower Upper

240 100

120 7.5 7.0 10.4

236 26.4 20.9 31.3



#77

Benzidine

Concen: 3.289 ng

RT: 19.562 min Scan# 2784

Delta R.T. 0.000 min

Lab File: BM038657.D

Acq: 02 Feb 2023 00:34

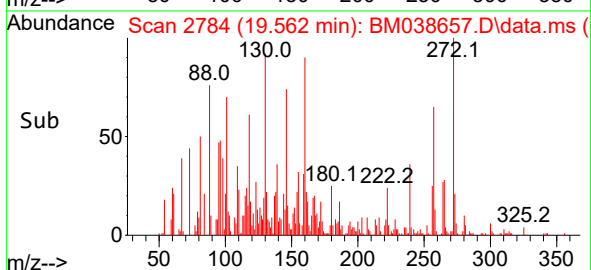
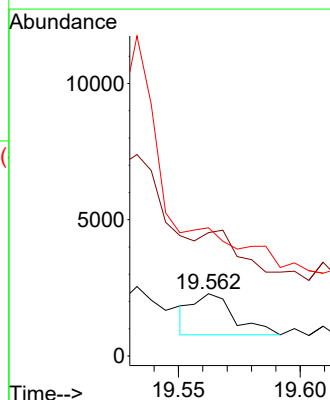
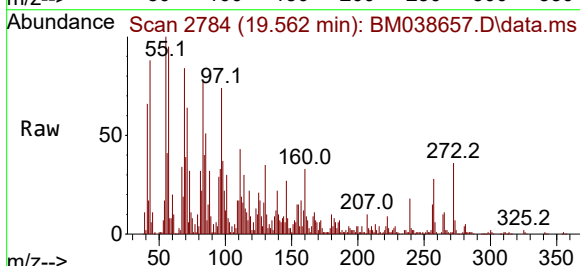
Tgt Ion:184 Resp: 1772

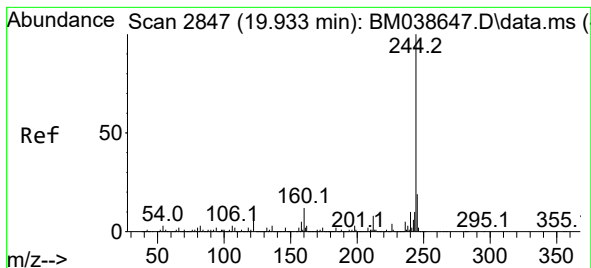
Ion Ratio Lower Upper

184 100

185 197.9 10.8 16.2#

183 205.7 8.8 13.2#





#79

Terphenyl-d14

Concen: 13.975 ng

RT: 19.933 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM038657.D

Acq: 02 Feb 2023 00:34

Instrument :

BNA_M

ClientSampleId :

EFF-WWDL

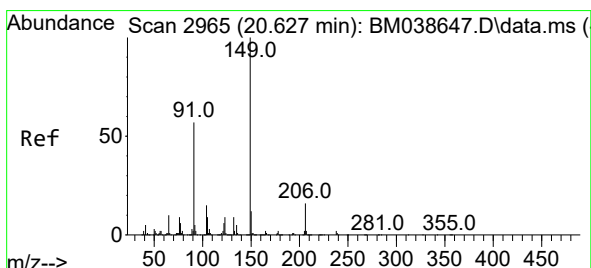
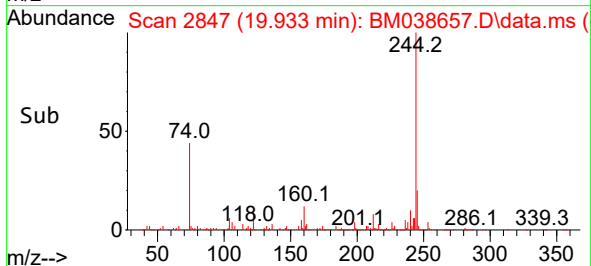
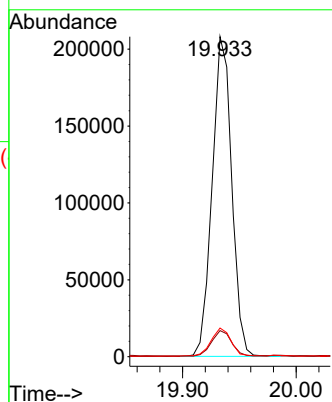
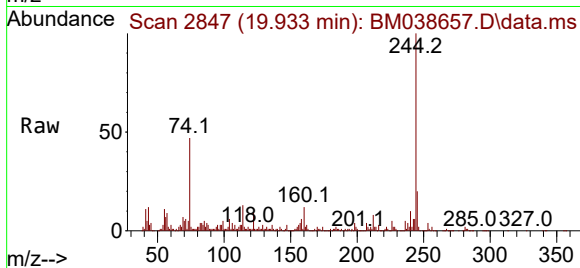
Tgt Ion:244 Resp: 248688

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 9.0 7.8 11.8



#80

Butylbenzylphthalate

Concen: 2.020 ng

RT: 20.627 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BM038657.D

Acq: 02 Feb 2023 00:34

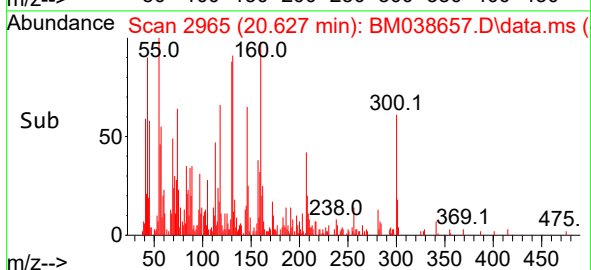
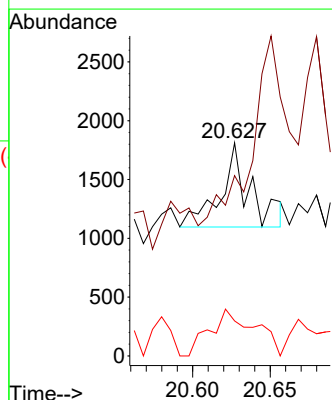
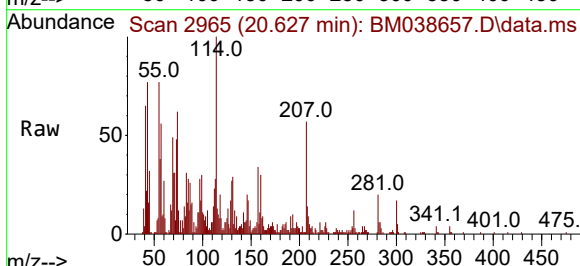
Tgt Ion:149 Resp: 948

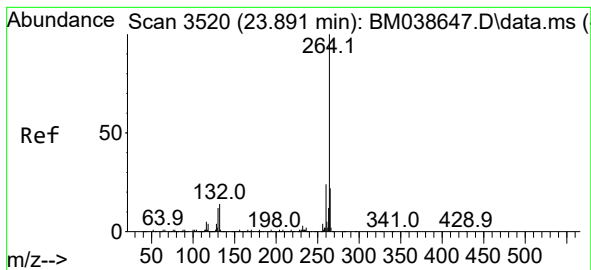
Ion Ratio Lower Upper

149 100

91 84.6 45.6 68.4#

206 16.4 12.5 18.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM038657.D
 Acq: 02 Feb 2023 00:34

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWDL

Tgt Ion:	264	Resp:	362450
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	22.1	17.9	26.9

