

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138111.D
 Acq On : 03 Jun 2024 17:26
 Operator : CG\JU
 Sample : P2660-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jun 03 18:46:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

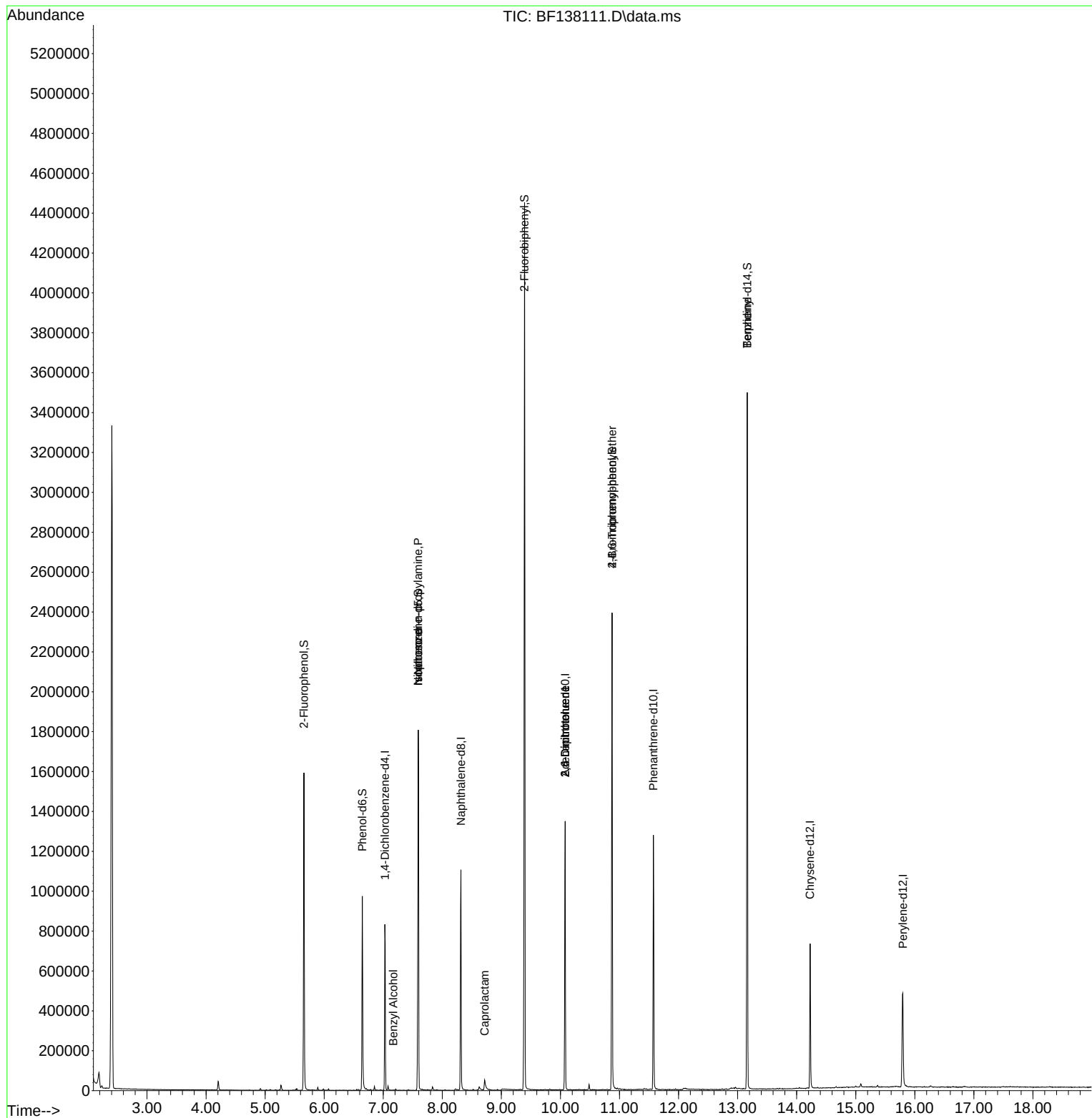
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.028	152	129650	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	497048	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	283668	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	471901	20.000	ng	0.00
76) Chrysene-d12	14.227	240	236400	20.000	ng	-0.01
86) Perylene-d12	15.798	264	266651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	440677	60.761	ng	0.00
7) Phenol-d6	6.645	99	348288	37.292	ng	-0.02
23) Nitrobenzene-d5	7.592	82	639461	74.966	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	313361	94.704	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1393674	72.827	ng	0.00
79) Terphenyl-d14	13.163	244	1235396	75.592	ng	0.00
Target Compounds					Qvalue	
15) Benzyl Alcohol	7.169	79	463	5.198	ng	# 83
19) n-Nitroso-di-n-propyla...	7.592	70	83876	15.488	ng	# 78
25) Isophorone	7.592	82	637398	43.312	ng	# 62
35) Caprolactam	8.716	113	10859	4.928	ng	95
51) 2,6-Dinitrotoluene	10.080	165	36443	8.445	ng	# 33
57) 2,4-Dinitrotoluene	10.080	165	36443	6.404	ng	# 32
67) 4-Bromophenyl-phenylether	10.875	248	19920	3.601	ng	# 1
77) Benzidine	13.163	184	14625	7.150	ng	# 86

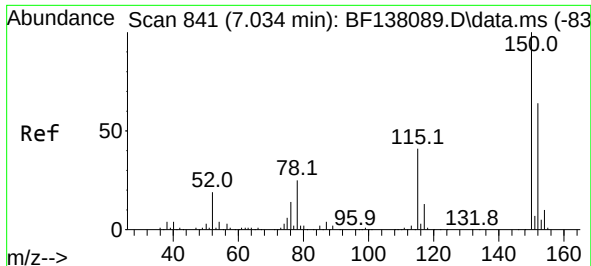
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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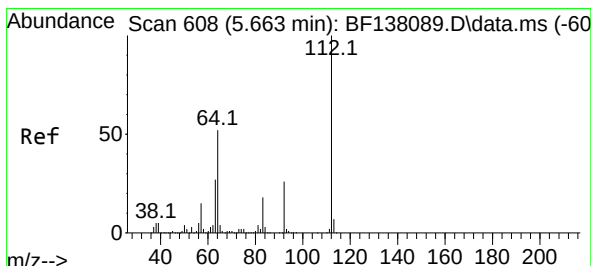
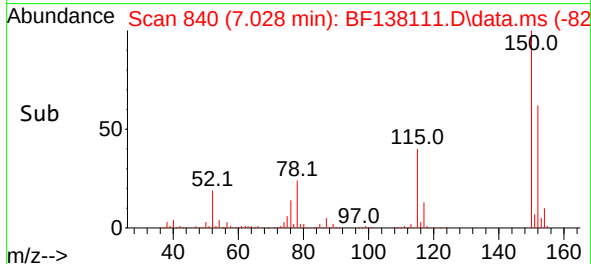
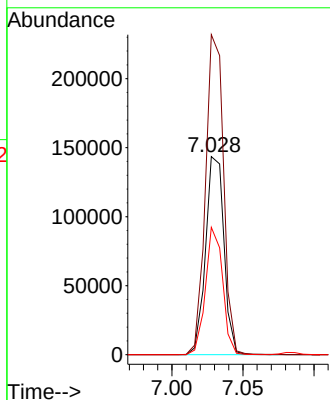
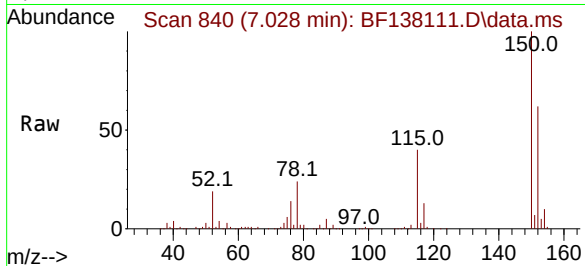




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.028 min Scan# 841
 Delta R.T. -0.006 min
 Lab File: BF138111.D
 Acq: 03 Jun 2024 17:26

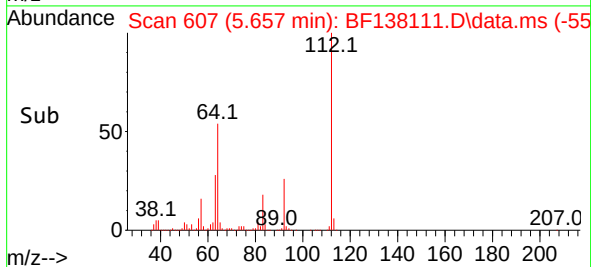
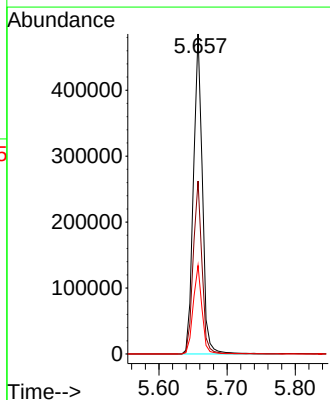
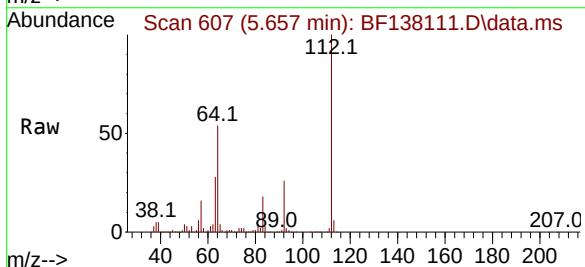
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

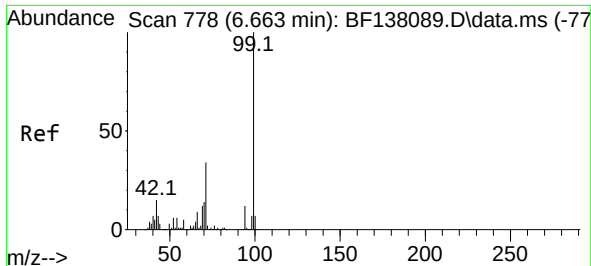
Tgt Ion:152 Resp: 129650
 Ion Ratio Lower Upper
 152 100
 150 161.6 125.4 188.0
 115 64.3 51.6 77.4



#5
 2-Fluorophenol
 Concen: 60.761 ng
 RT: 5.657 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: BF138111.D
 Acq: 03 Jun 2024 17:26

Tgt Ion:112 Resp: 440677
 Ion Ratio Lower Upper
 112 100
 64 54.0 41.4 62.2
 63 27.6 21.5 32.3





#7

Phenol-d6

Concen: 37.292 ng

RT: 6.645 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

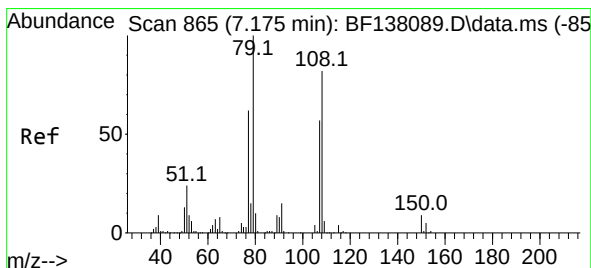
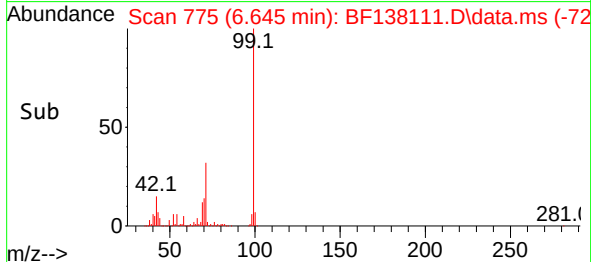
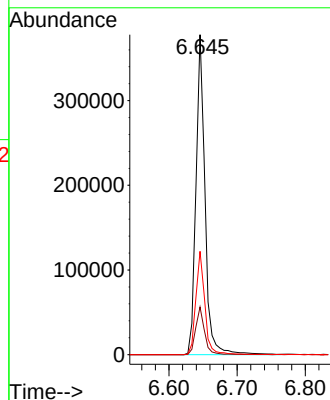
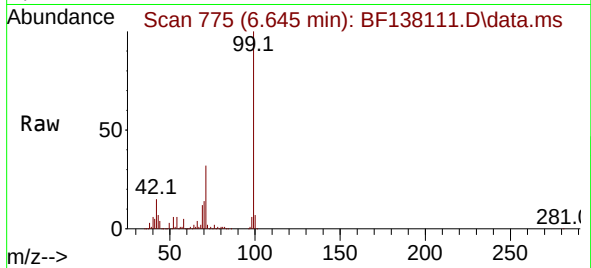
Tgt Ion: 99 Resp: 348288

Ion Ratio Lower Upper

99 100

42 14.9 11.9 17.9

71 32.3 26.8 40.2



#15

Benzyl Alcohol

Concen: 5.198 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

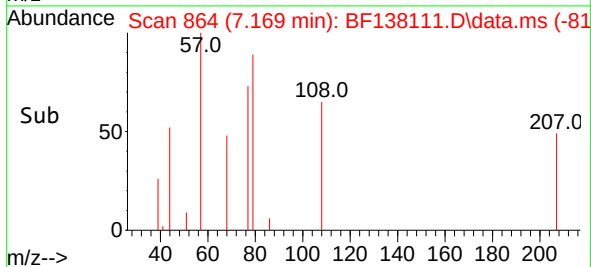
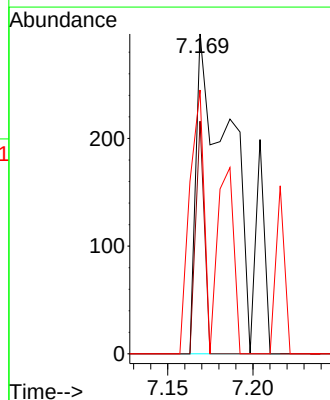
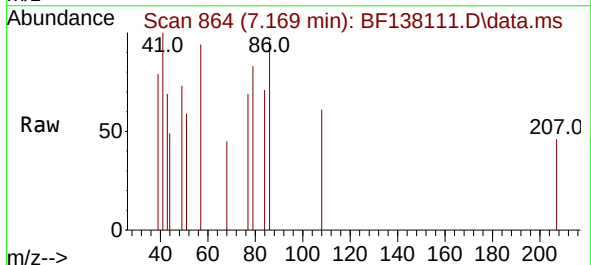
Tgt Ion: 79 Resp: 463

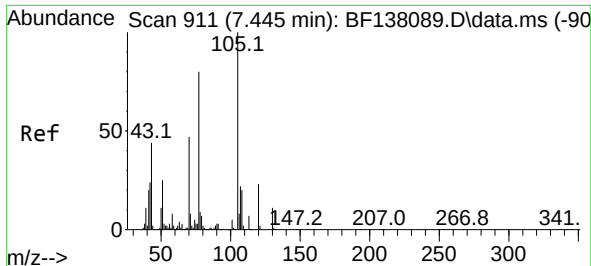
Ion Ratio Lower Upper

79 100

108 72.7 65.5 98.3

77 82.5 49.6 74.4#





#19

n-Nitroso-di-n-propylamine

Concen: 15.488 ng

RT: 7.592 min Scan# 911

Delta R.T. 0.147 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

Tgt Ion: 70 Resp: 83876

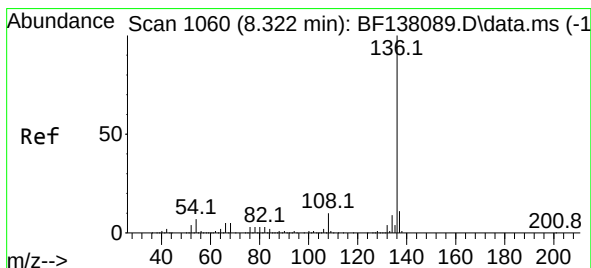
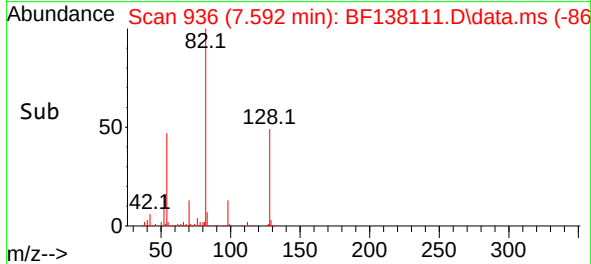
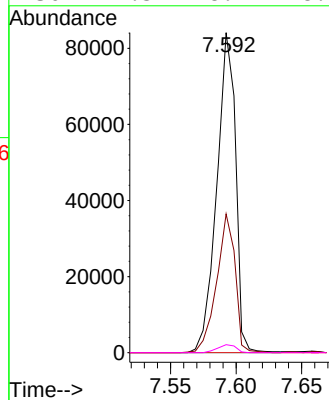
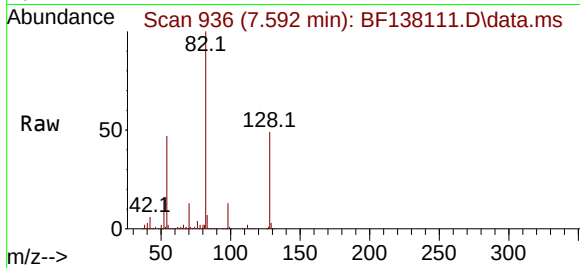
Ion Ratio Lower Upper

70 100

42 43.4 41.4 62.0

101 0.0 8.1 12.1#

130 2.5 18.7 28.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Tgt Ion: 136 Resp: 497048

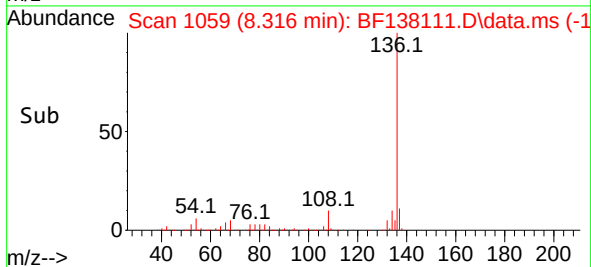
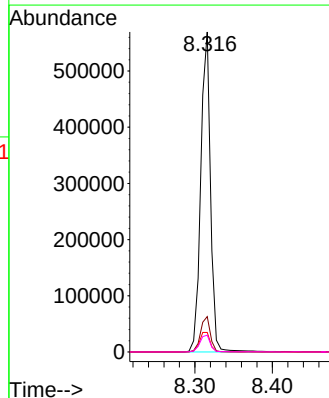
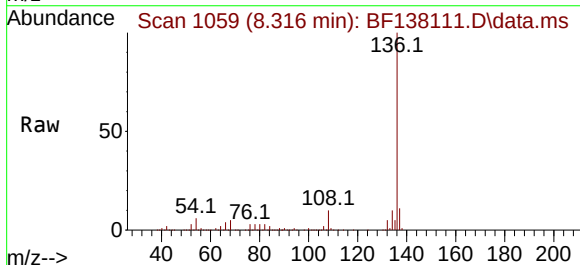
Ion Ratio Lower Upper

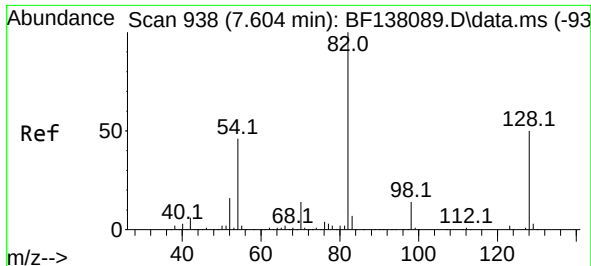
136 100

137 11.0 8.7 13.1

54 6.1 5.4 8.0

68 5.3 4.3 6.5

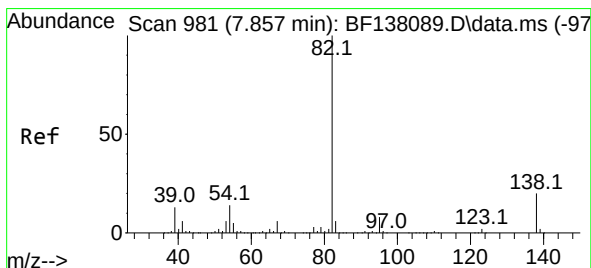
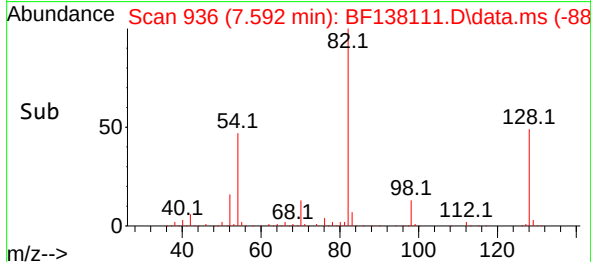
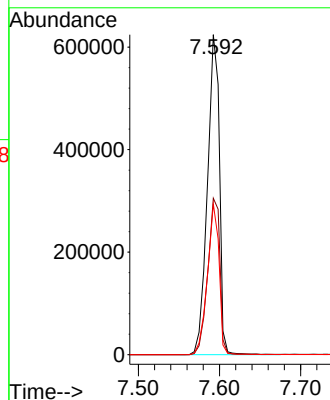
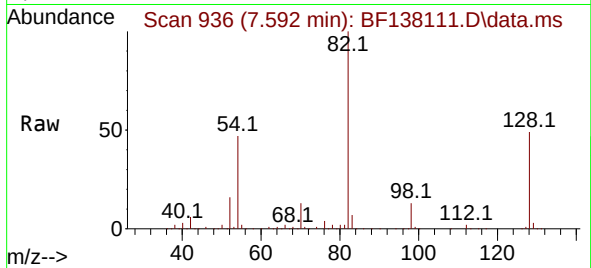




#23
Nitrobenzene-d5
Concen: 74.966 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

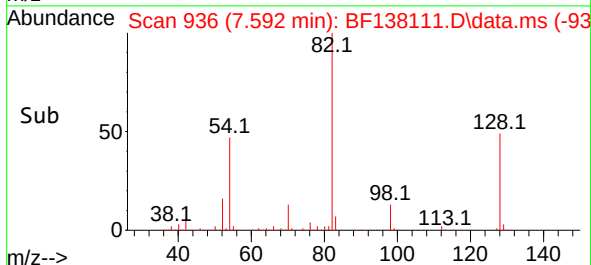
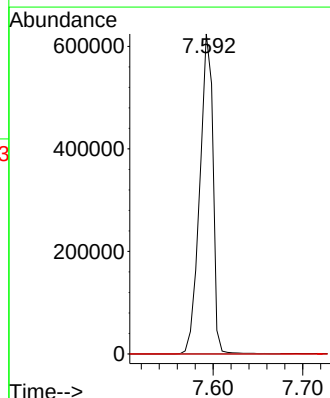
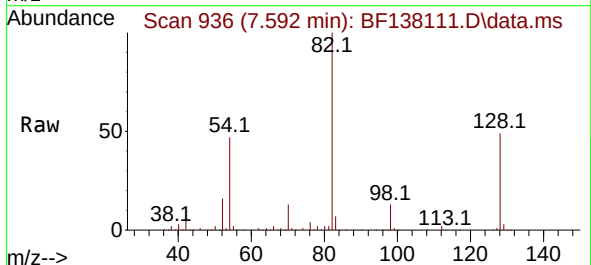
Instrument :
BNA_F
ClientSampleId :
MW-13

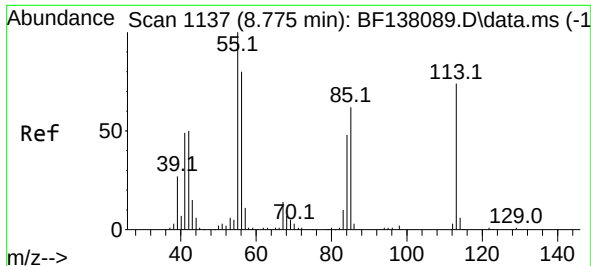
Tgt Ion: 82 Resp: 639461
Ion Ratio Lower Upper
82 100
128 48.9 39.9 59.9
54 47.1 37.0 55.4



#25
Isophorone
Concen: 43.312 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.265 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

Tgt Ion: 82 Resp: 637398
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#

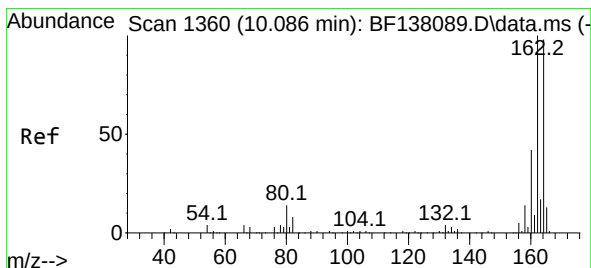
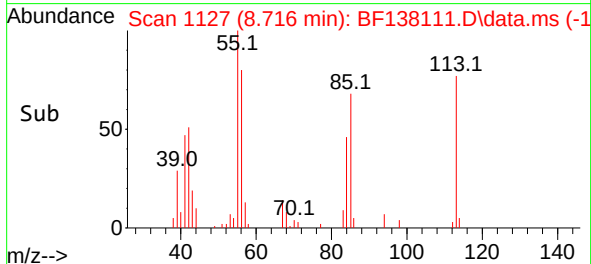
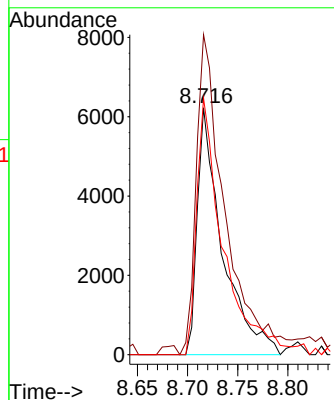
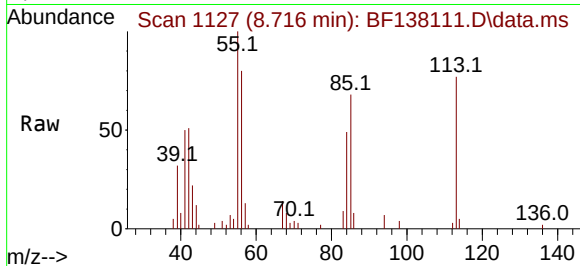




#35
 Caprolactam
 Concen: 4.928 ng
 RT: 8.716 min Scan# 1137
 Delta R.T. -0.059 min
 Lab File: BF138111.D
 Acq: 03 Jun 2024 17:26

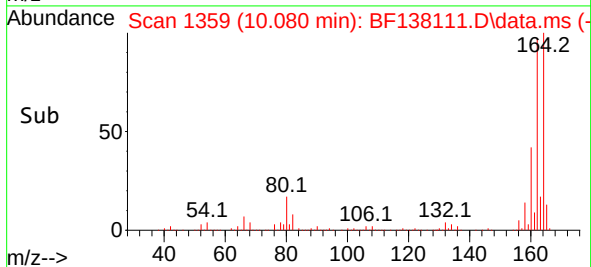
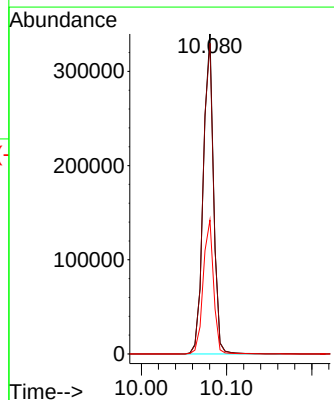
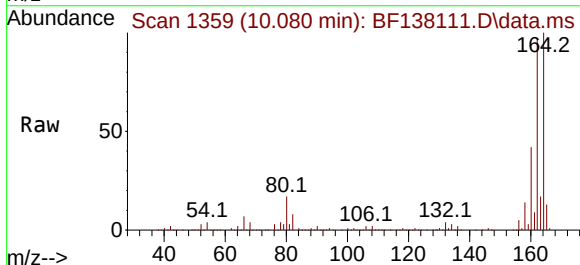
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 ClientSampleId :
 MW-13

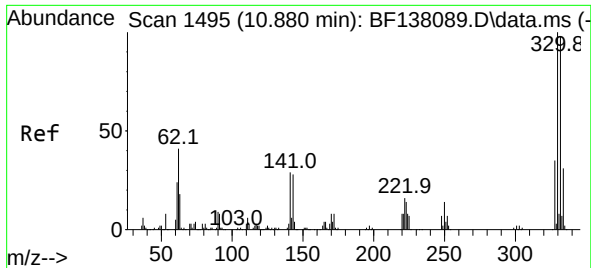
Tgt Ion:113 Resp: 10859
 Ion Ratio Lower Upper
 113 100
 55 129.6 115.3 155.3
 56 103.8 88.5 128.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.080 min Scan# 1359
 Delta R.T. -0.006 min
 Lab File: BF138111.D
 Acq: 03 Jun 2024 17:26

Tgt Ion:164 Resp: 283668
 Ion Ratio Lower Upper
 164 100
 162 97.1 81.7 122.5
 160 41.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 94.704 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

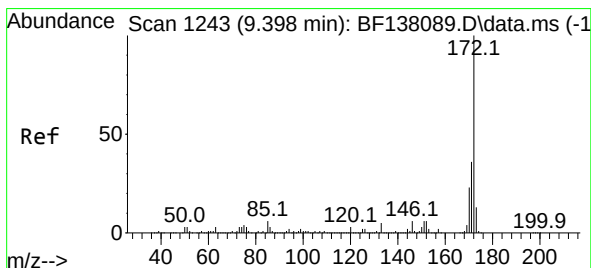
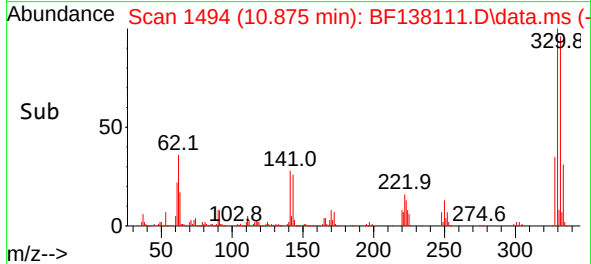
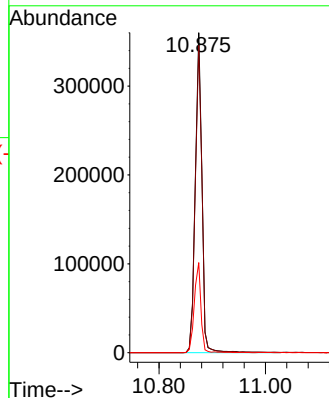
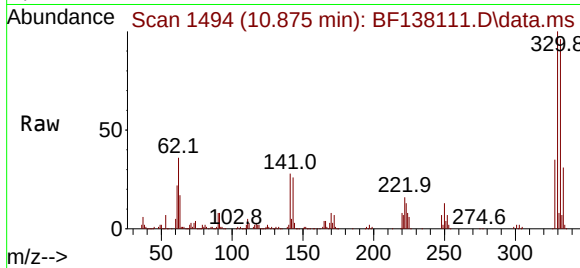
Tgt Ion:330 Resp: 313361

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 28.1 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 72.827 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

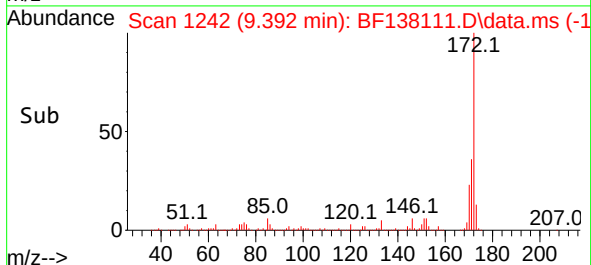
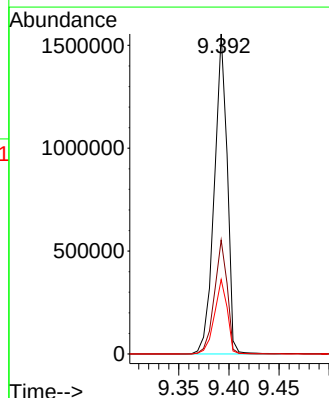
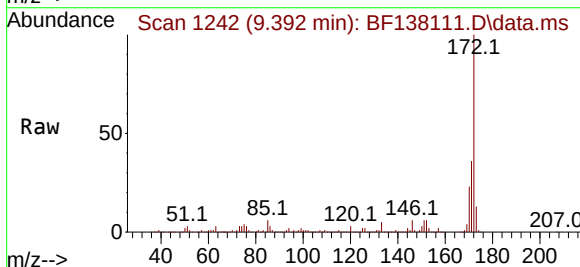
Tgt Ion:172 Resp: 1393674

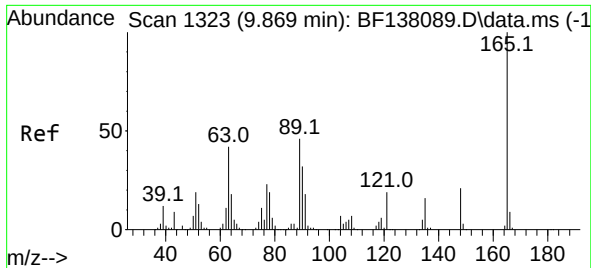
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

170 23.2 18.6 28.0

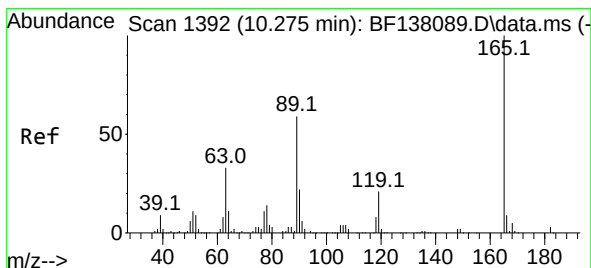
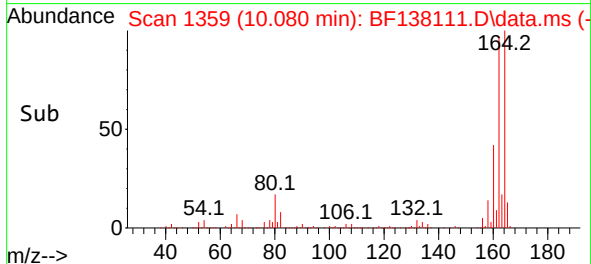
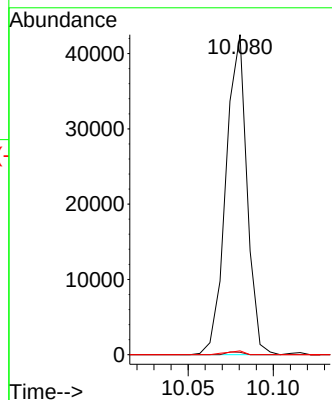
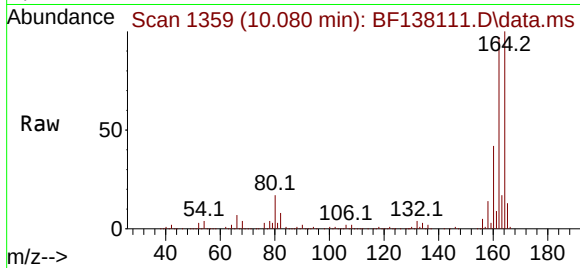




#51
2,6-Dinitrotoluene
Concen: 8.445 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.211 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

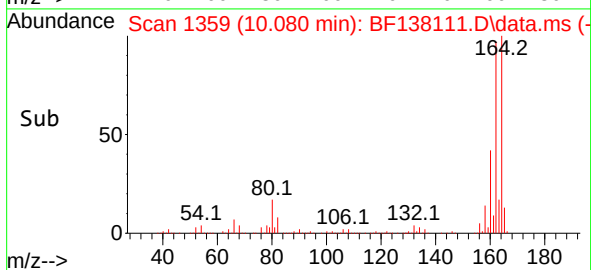
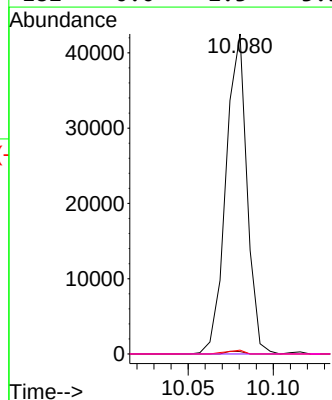
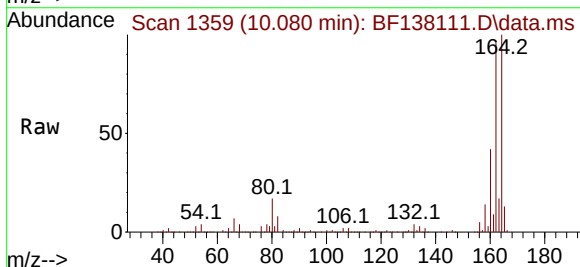
Instrument :
BNA_F
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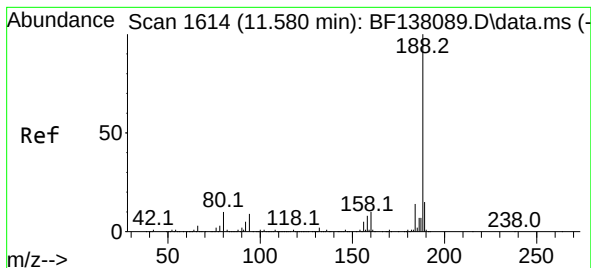
Tgt Ion:165 Resp: 36443
Ion Ratio Lower Upper
165 100
63 0.8 34.6 51.8#
89 1.2 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.404 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

Tgt Ion:165 Resp: 36443
Ion Ratio Lower Upper
165 100
63 0.8 27.4 41.0#
89 1.2 47.4 71.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

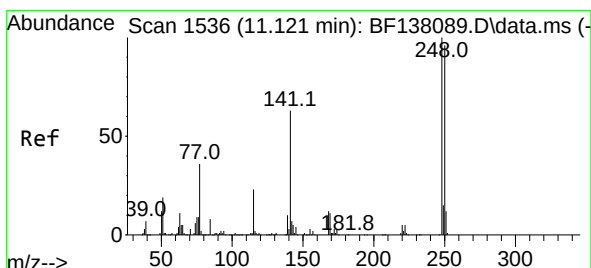
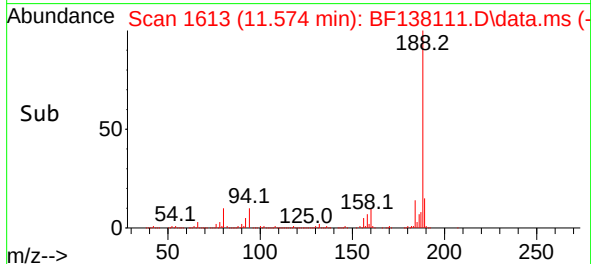
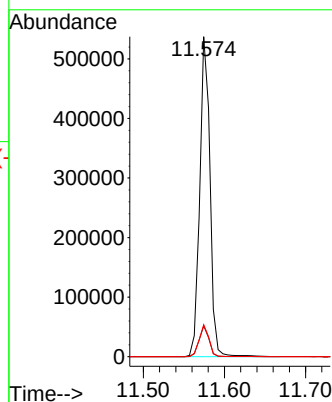
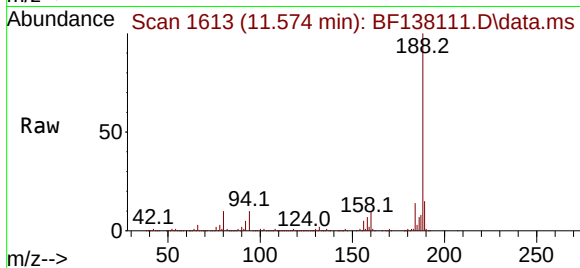
Tgt Ion:188 Resp: 471901

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.0 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 3.601 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

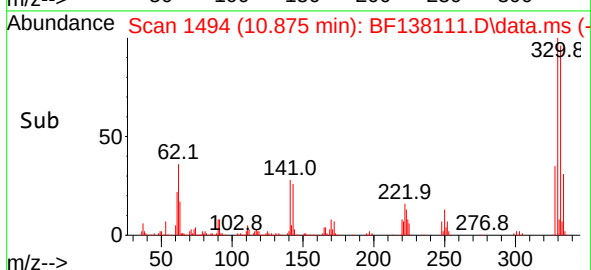
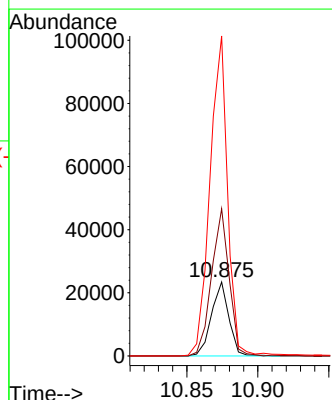
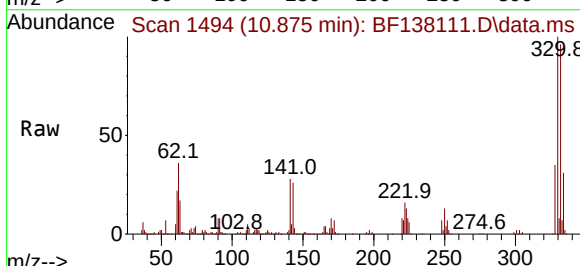
Tgt Ion:248 Resp: 19920

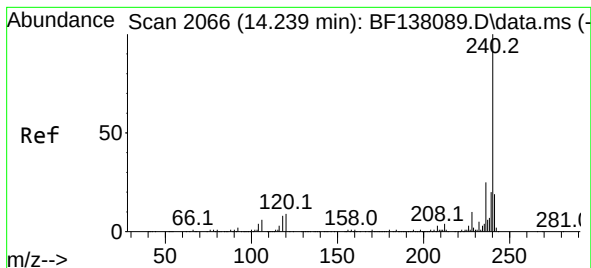
Ion Ratio Lower Upper

248 100

250 199.1 77.2 115.8#

141 432.8 50.6 76.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

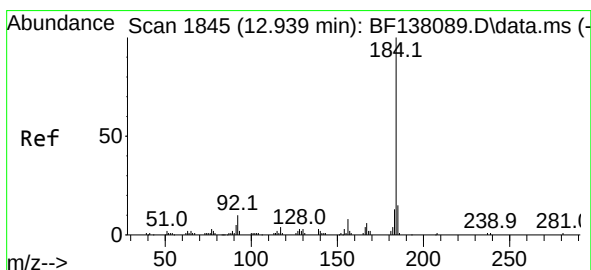
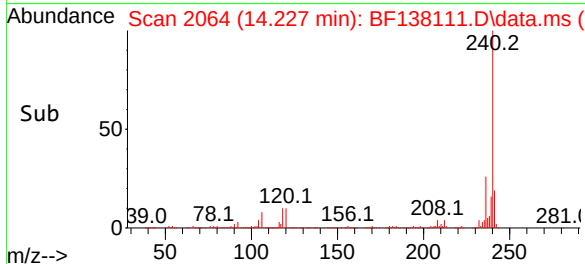
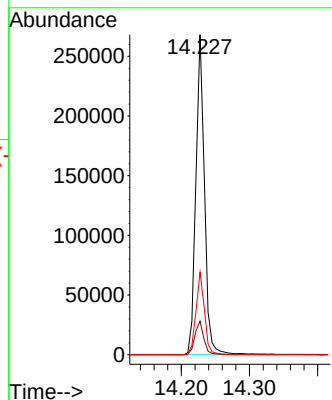
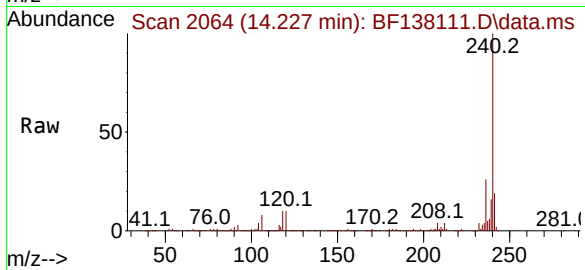
Tgt Ion:240 Resp: 236400

Ion Ratio Lower Upper

240 100

120 10.4 7.1 10.7

236 25.8 20.4 30.6



#77

Benzidine

Concen: 7.150 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.224 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

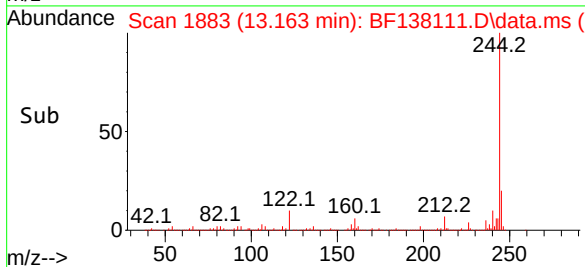
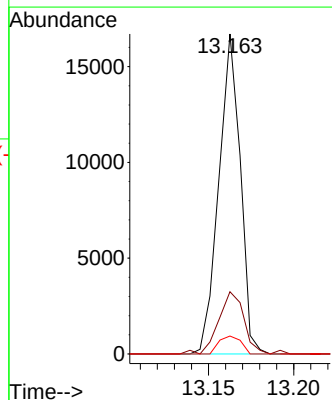
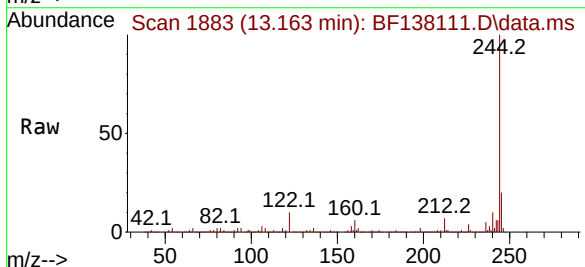
Tgt Ion:184 Resp: 14625

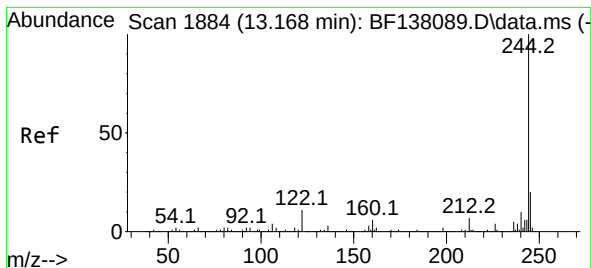
Ion Ratio Lower Upper

184 100

185 19.4 12.2 18.2#

183 5.6 10.2 15.4#





#79

Terphenyl-d14

Concen: 75.592 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

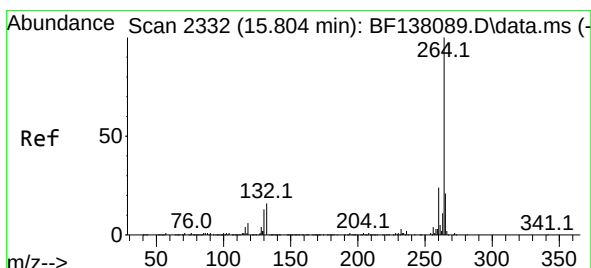
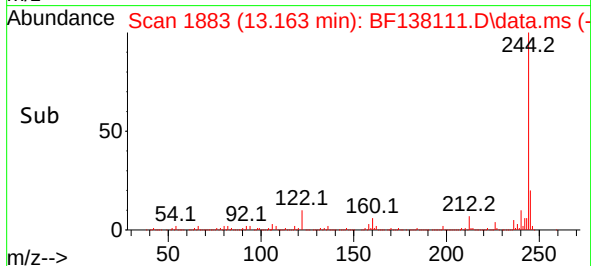
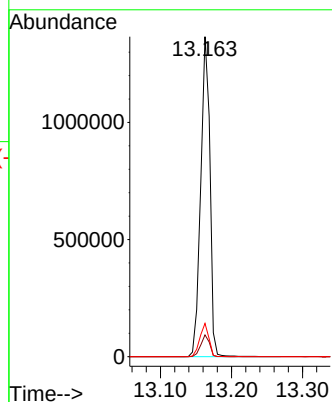
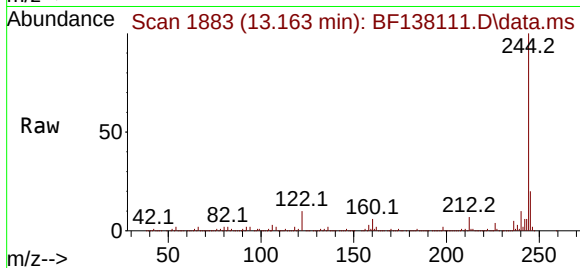
Tgt Ion:244 Resp: 1235396

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Tgt Ion:264 Resp: 266651

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.3 16.7 25.1

