

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138107.D
 Acq On : 03 Jun 2024 15:26
 Operator : CG\JU
 Sample : P2660-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Jun 03 15:56:54 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)

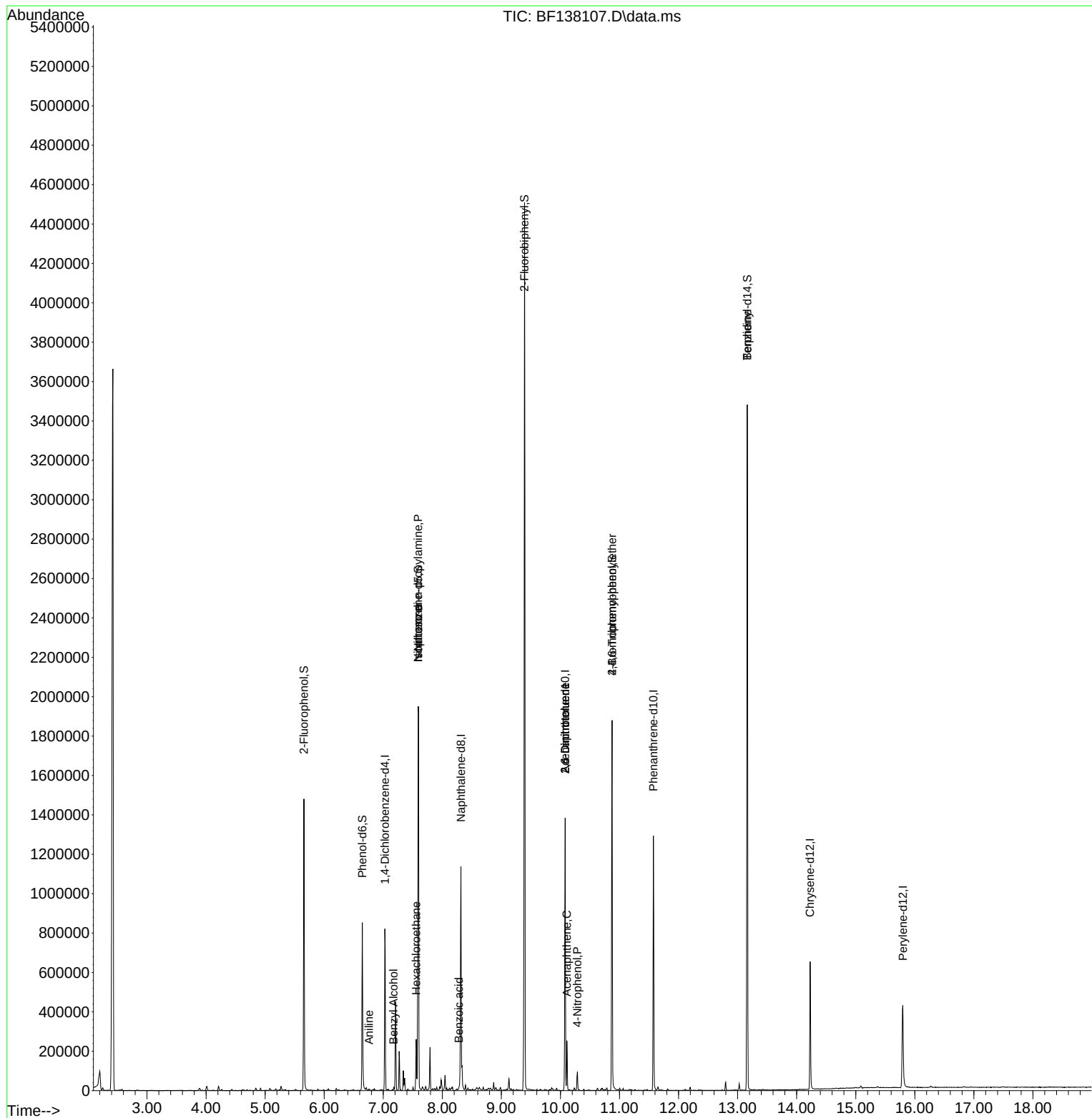
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.028	152	127427	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	495152	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	280629	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	461389	20.000	ng	0.00
76) Chrysene-d12	14.227	240	226081	20.000	ng	-0.01
86) Perylene-d12	15.798	264	241315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	403769	56.643	ng	0.00
7) Phenol-d6	6.645	99	303927	33.110	ng	-0.02
23) Nitrobenzene-d5	7.592	82	678949	79.900	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	245855	75.107	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1461433	77.194	ng	0.00
79) Terphenyl-d14	13.163	244	1287906	82.402	ng	0.00
Target Compounds						
					Qvalue	
6) Aniline	6.757	93	116	3.953	ng	# 44
15) Benzyl Alcohol	7.175	79	360	5.177	ng	# 46
18) Hexachloroethane	7.557	117	12612	3.887	ng	# 1
19) n-Nitroso-di-n-propyla...	7.592	70	88733	16.670	ng	# 77
25) Isophorone	7.592	82	676265	46.129	ng	# 62
32) Benzoic acid	8.281	122	167	7.819	ng	# 38
51) 2,6-Dinitrotoluene	10.080	165	36927	8.650	ng	# 33
52) Acenaphthene	10.110	154	52467	3.576	ng	# 98
56) 4-Nitrophenol	10.286	139	14741	5.443	ng	# 12
57) 2,4-Dinitrotoluene	10.080	165	36927	6.559	ng	# 32
67) 4-Bromophenyl-phenylether	10.875	248	15437	2.854	ng	# 1
77) Benzidine	13.163	184	14966	7.440	ng	# 93

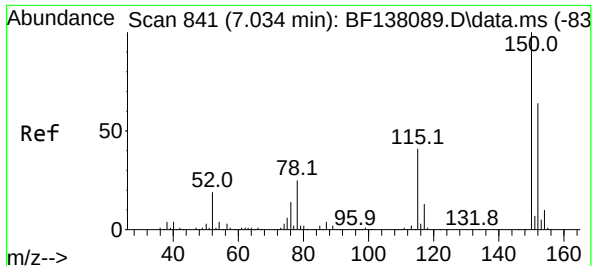
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:21:05 2024
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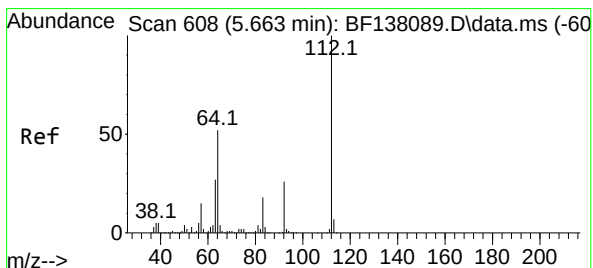
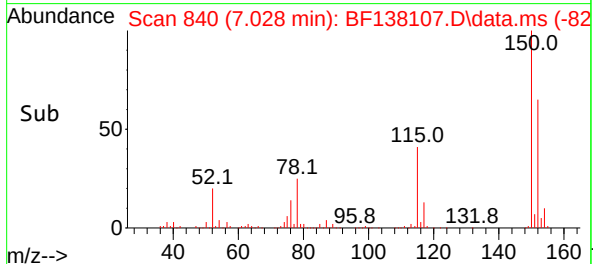
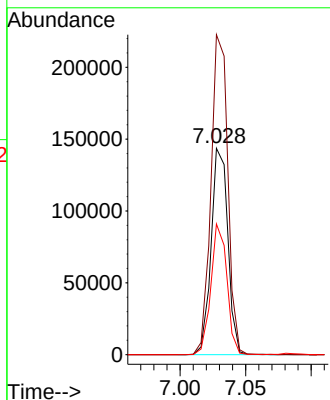
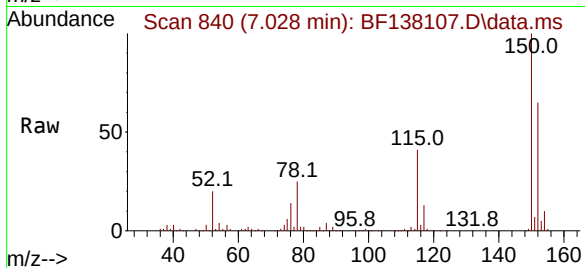




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

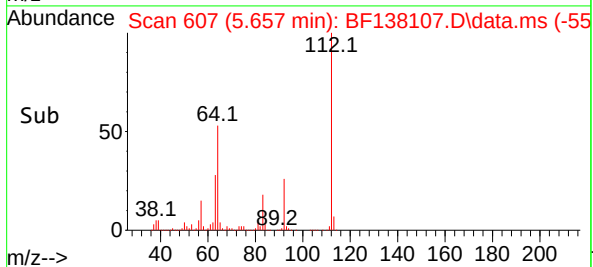
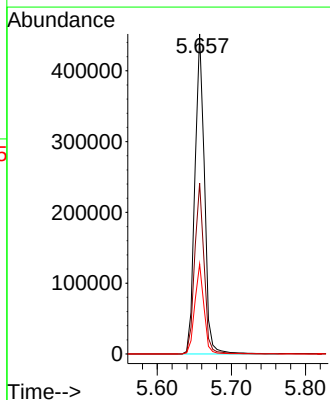
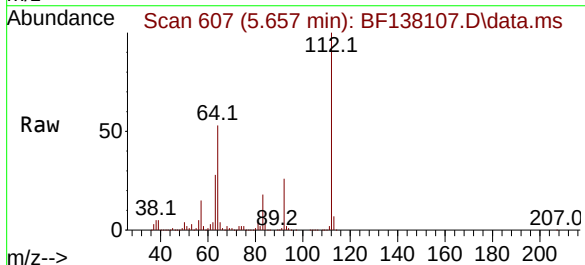
Instrument :
BNA_F
ClientSampleId :
MW-06

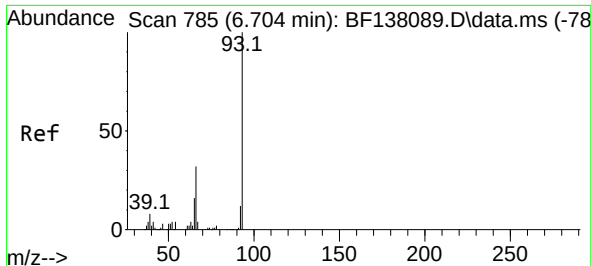
Tgt Ion:152 Resp: 127427
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.0
115 63.3 51.6 77.4



#5
2-Fluorophenol
Concen: 56.643 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

Tgt Ion:112 Resp: 403769
Ion Ratio Lower Upper
112 100
64 53.4 41.4 62.2
63 28.1 21.5 32.3





#6

Aniline

Concen: 3.953 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.053 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MW-06

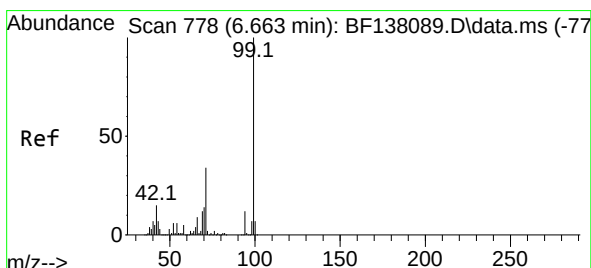
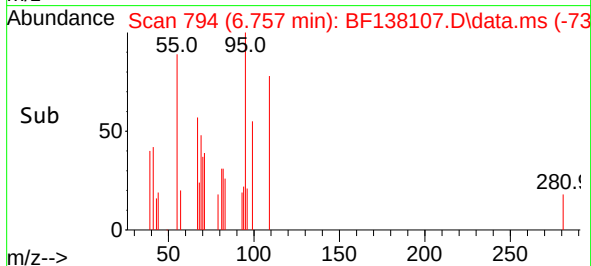
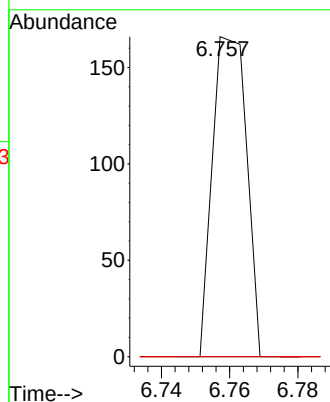
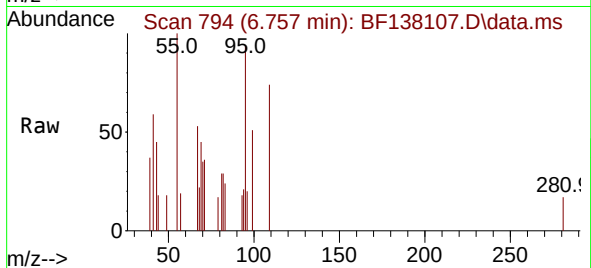
Tgt Ion: 93 Resp: 116

Ion Ratio Lower Upper

93 100

66 0.0 30.4 45.6#

65 0.0 16.2 24.4#



#7

Phenol-d6

Concen: 33.110 ng

RT: 6.645 min Scan# 775

Delta R.T. -0.018 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

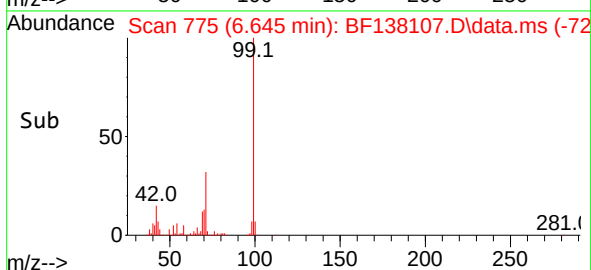
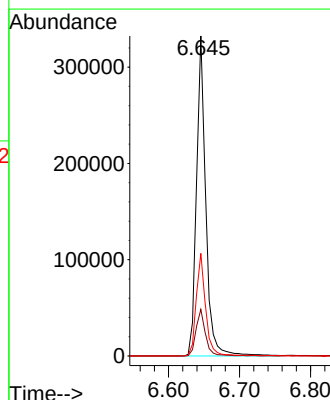
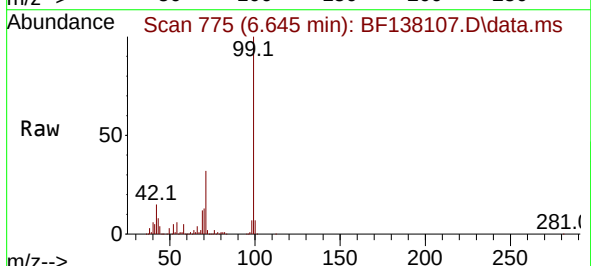
Tgt Ion: 99 Resp: 303927

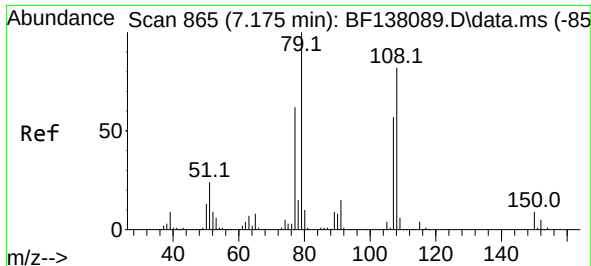
Ion Ratio Lower Upper

99 100

42 14.6 11.9 17.9

71 32.1 26.8 40.2

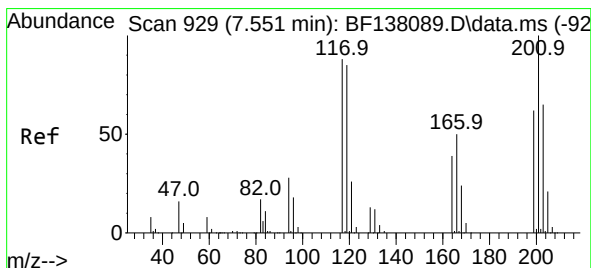
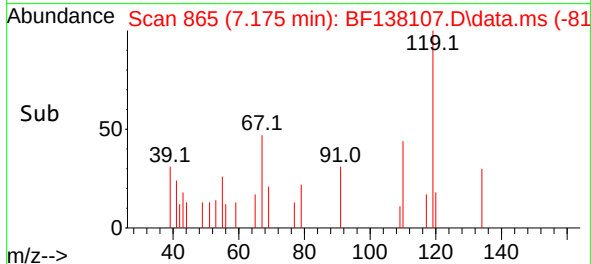
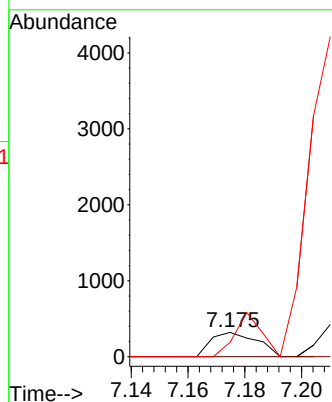
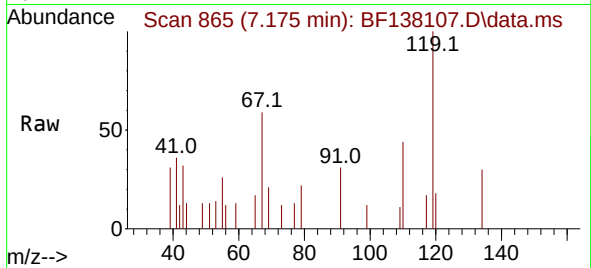




#15
Benzyl Alcohol
Concen: 5.177 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

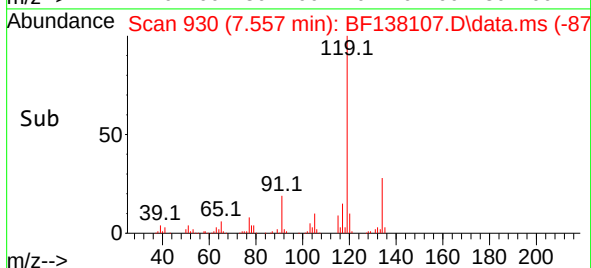
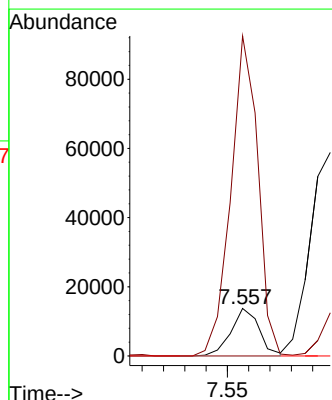
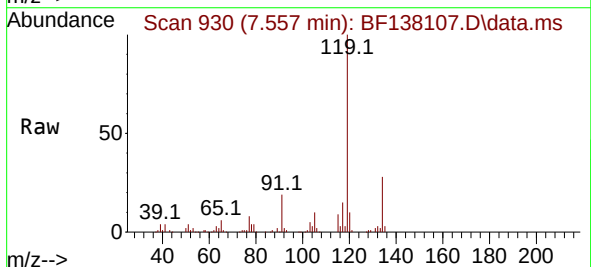
Instrument :
BNA_F
Client SampleId :
MW-06

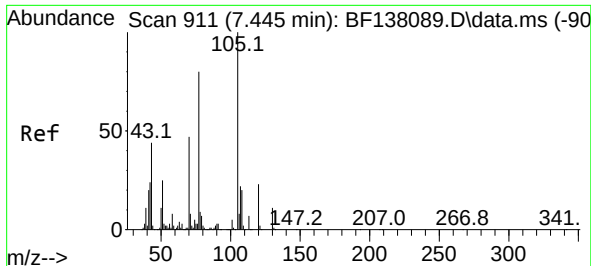
Tgt Ion: 79 Resp: 360
Ion Ratio Lower Upper
79 100
108 0.0 65.5 98.3#
77 59.5 49.6 74.4



#18
Hexachloroethane
Concen: 3.887 ng
RT: 7.557 min Scan# 930
Delta R.T. 0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

Tgt Ion: 117 Resp: 12612
Ion Ratio Lower Upper
117 100
119 673.9 77.3 115.9#
201 0.0 90.8 136.2#





#19

n-Nitroso-di-n-propylamine

Concen: 16.670 ng

RT: 7.592 min Scan# 911

Delta R.T. 0.147 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MW-06

Tgt Ion: 70 Resp: 88733

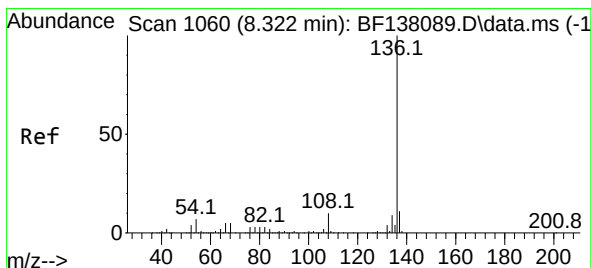
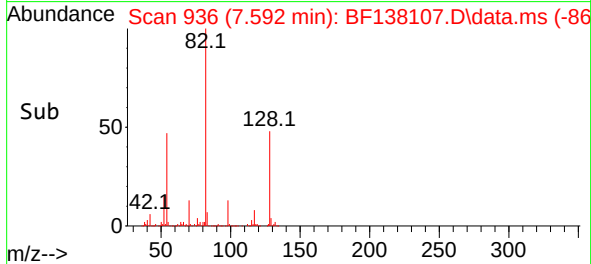
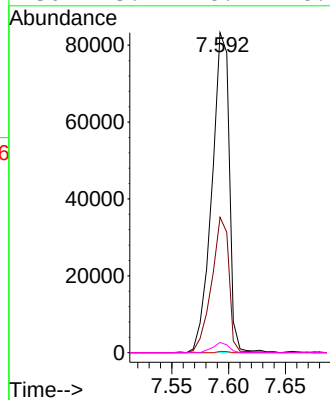
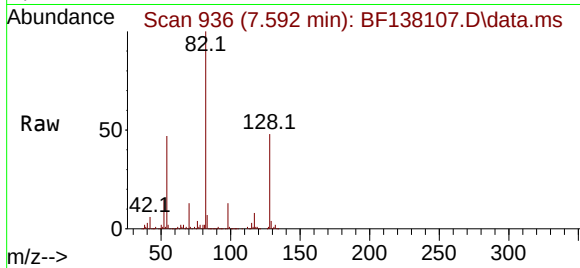
Ion Ratio Lower Upper

70 100

42 42.3 41.4 62.0

101 0.4 8.1 12.1#

130 3.2 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: BF138107.D

Acq: 03 Jun 2024 15:26

Tgt Ion: 136 Resp: 495152

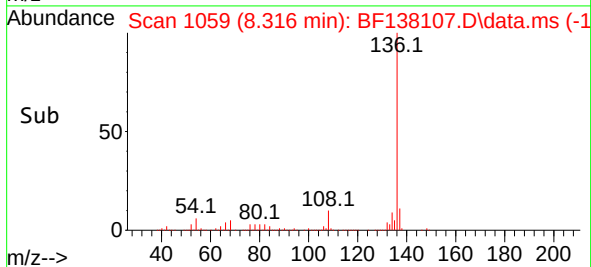
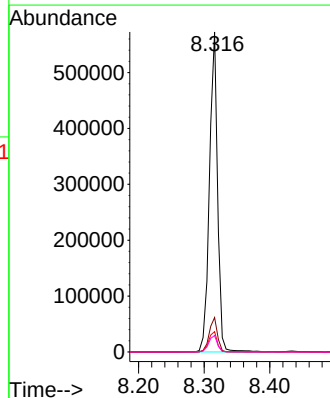
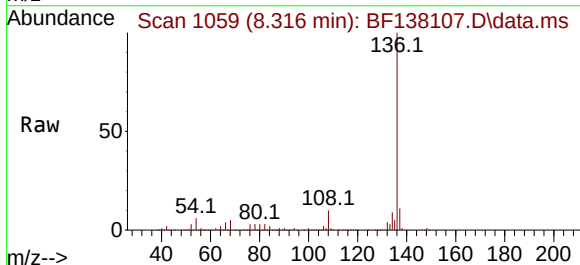
Ion Ratio Lower Upper

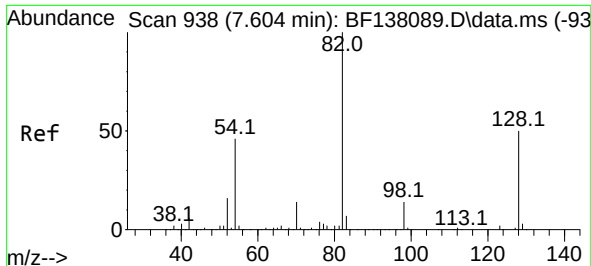
136 100

137 10.7 8.7 13.1

54 6.4 5.4 8.0

68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 79.900 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MW-06

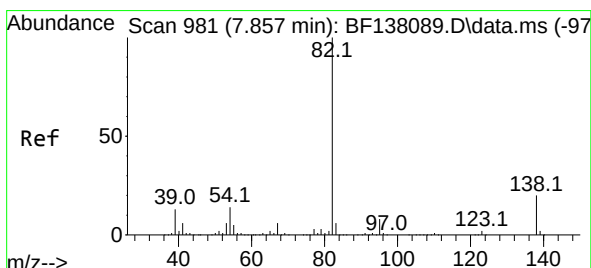
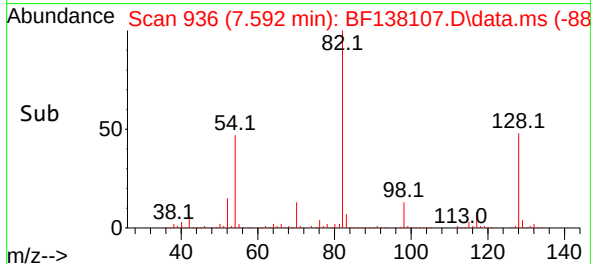
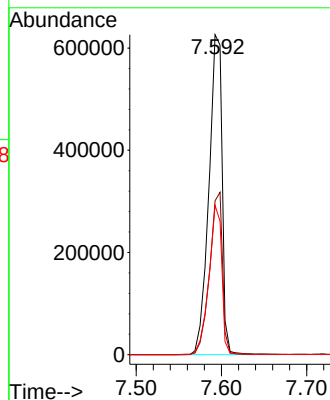
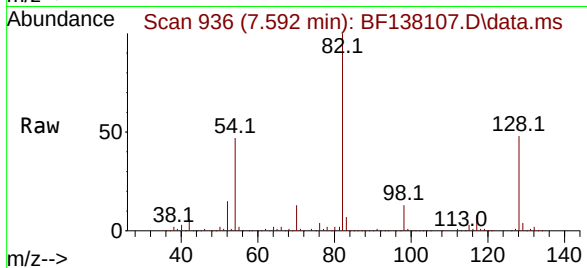
Tgt Ion: 82 Resp: 678949

Ion Ratio Lower Upper

82 100

128 48.1 39.9 59.9

54 46.7 37.0 55.4



#25

Isophorone

Concen: 46.129 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.265 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

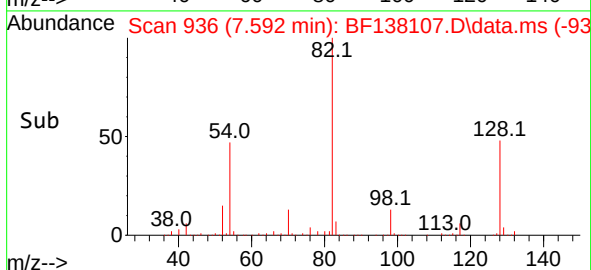
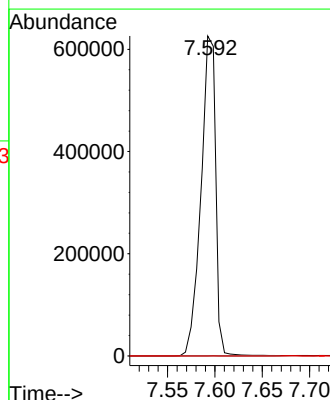
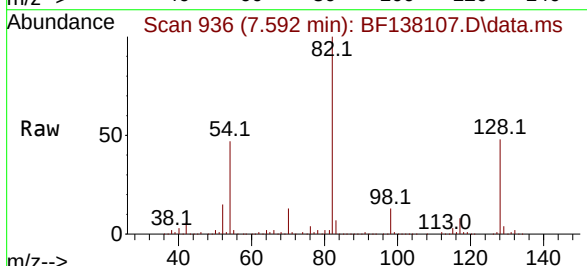
Tgt Ion: 82 Resp: 676265

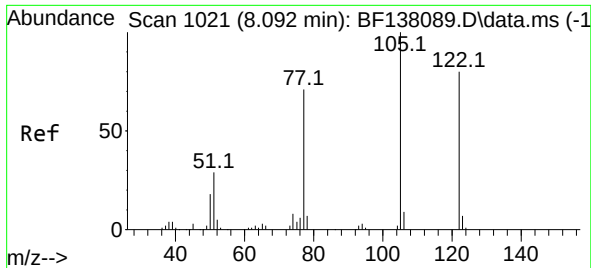
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 16.2 24.2#

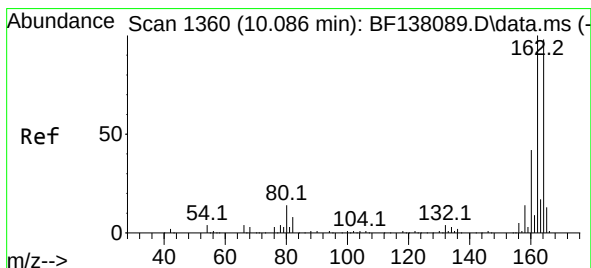
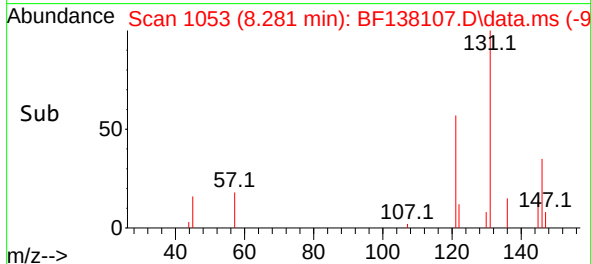
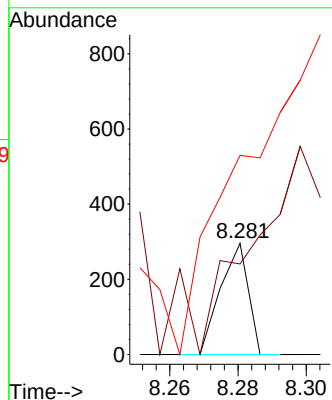
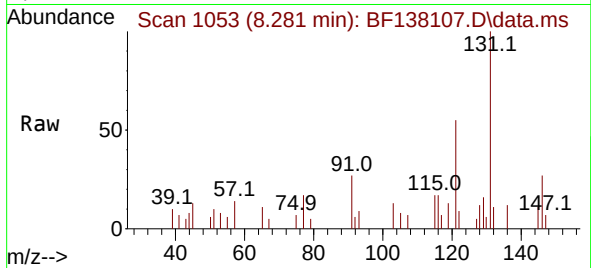




#32
Benzoic acid
Concen: 7.819 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.189 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

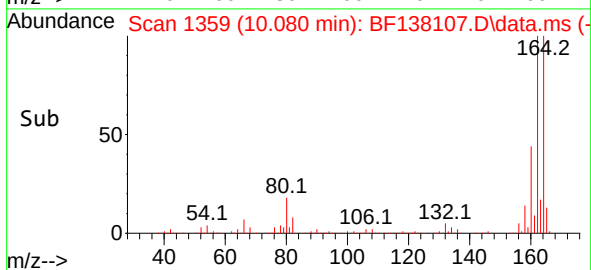
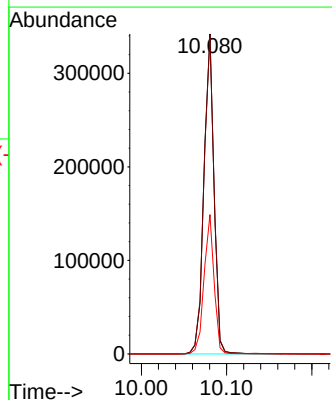
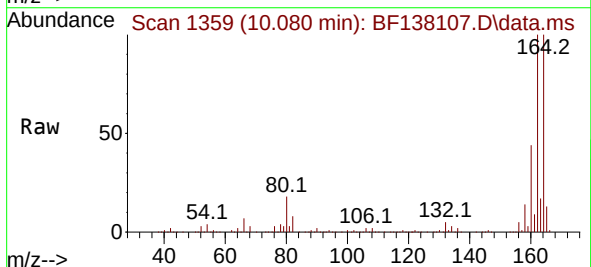
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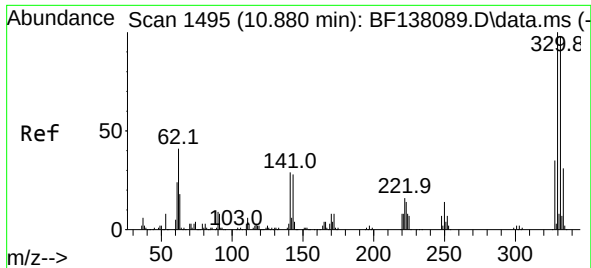
Tgt Ion:122 Resp: 167
Ion Ratio Lower Upper
122 100
105 81.4 102.3 142.3#
77 179.1 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

Tgt Ion:164 Resp: 280629
Ion Ratio Lower Upper
164 100
162 99.8 81.7 122.5
160 43.6 34.5 51.7

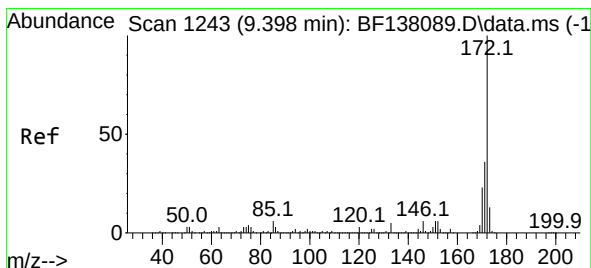
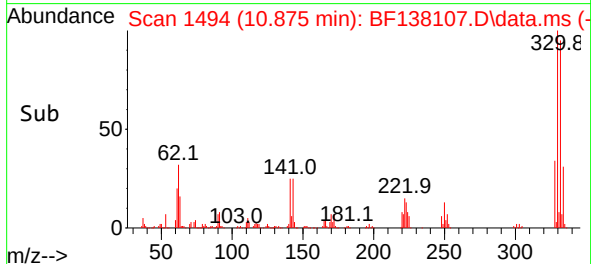
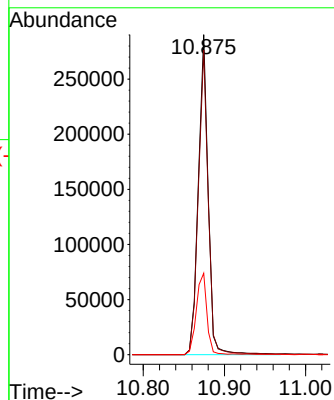
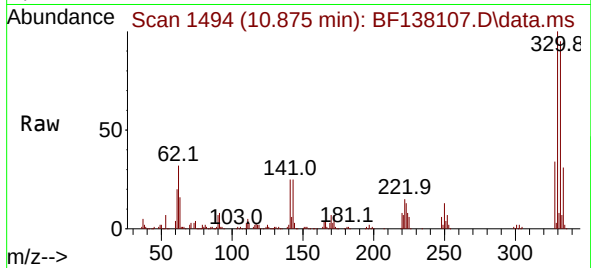




#42
2,4,6-Tribromophenol
Concen: 75.107 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

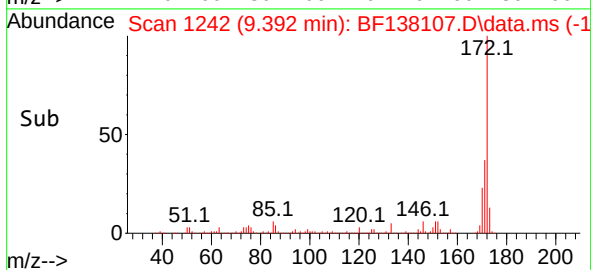
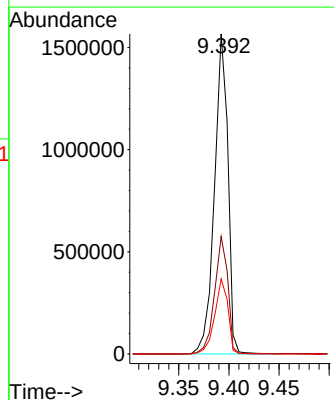
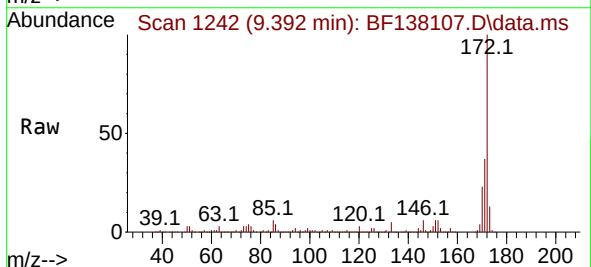
Instrument :
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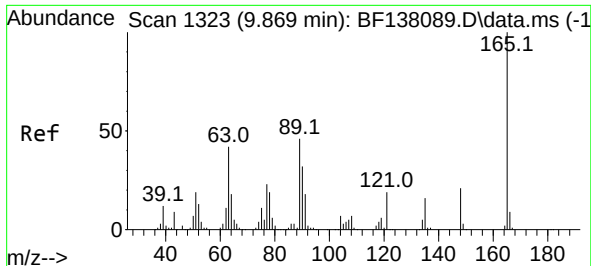
Tgt Ion:330 Resp: 245855
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 27.8 21.4 32.0



#45
2-Fluorobiphenyl
Concen: 77.194 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

Tgt Ion:172 Resp: 1461433
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 23.5 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 8.650 ng

RT: 10.080 min Scan# 1

Delta R.T. 0.211 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MW-06

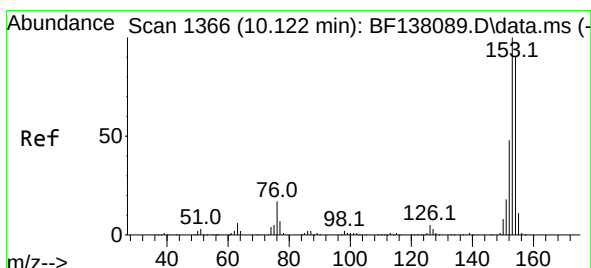
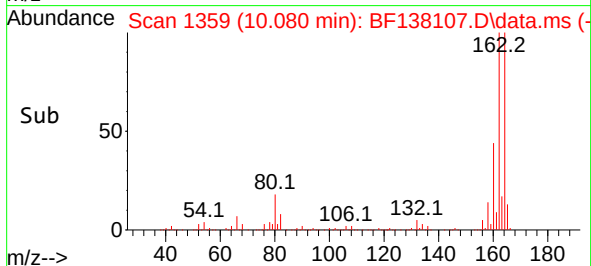
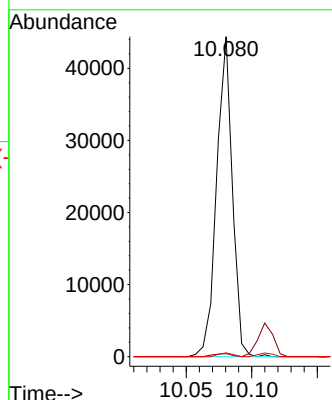
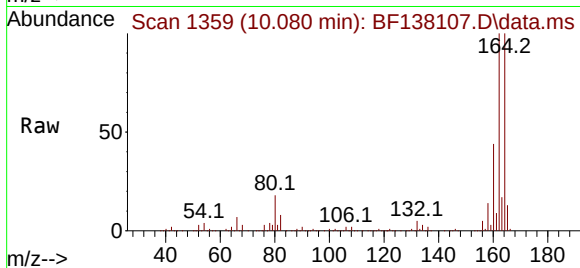
Tgt Ion:165 Resp: 36927

Ion Ratio Lower Upper

165 100

63 1.0 34.6 51.8#

89 1.2 36.6 55.0#



#52

Acenaphthene

Concen: 3.576 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.012 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

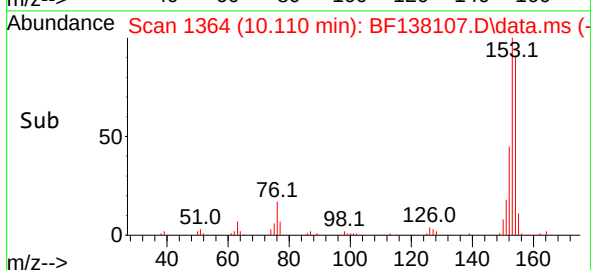
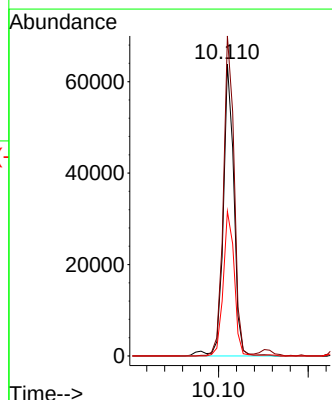
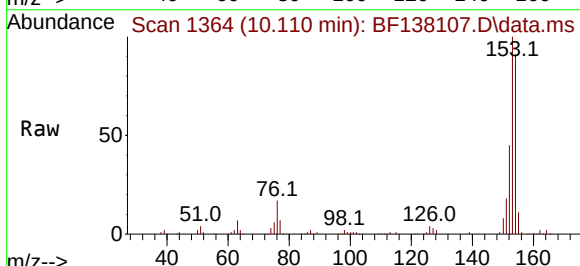
Tgt Ion:154 Resp: 52467

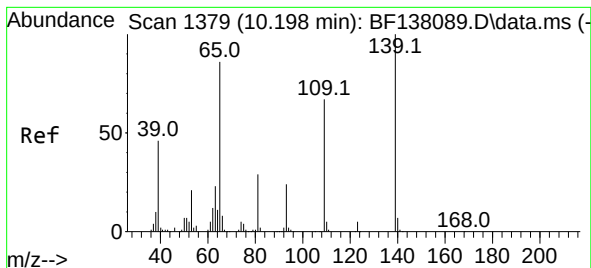
Ion Ratio Lower Upper

154 100

153 109.7 88.8 133.2

152 49.6 42.3 63.5

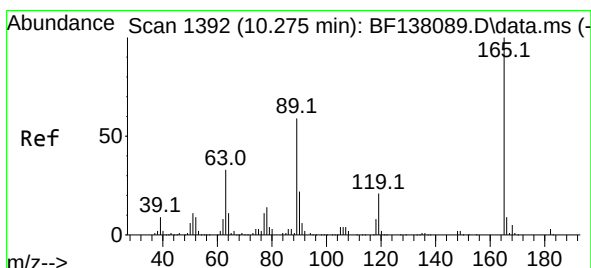
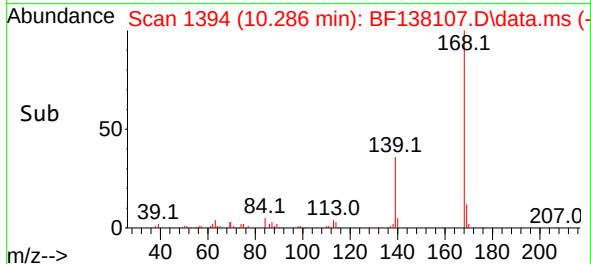
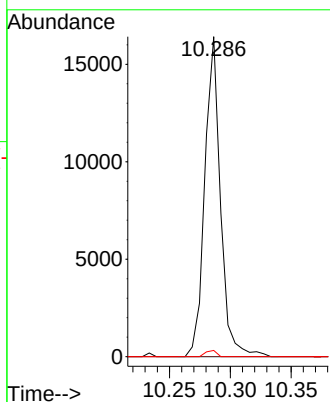
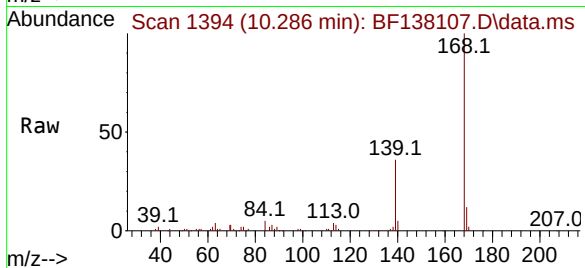




#56
4-Nitrophenol
Concen: 5.443 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.088 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

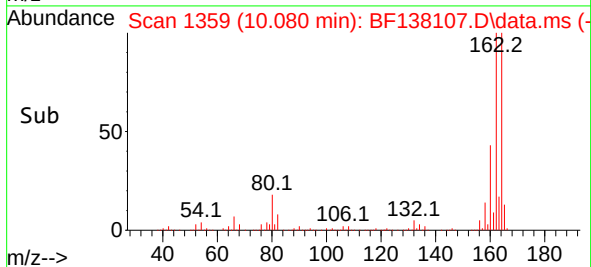
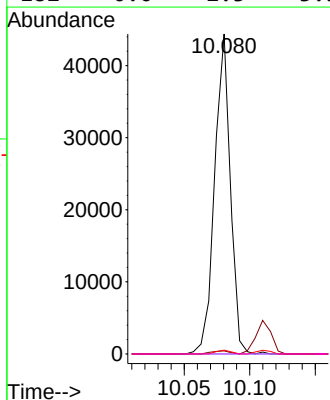
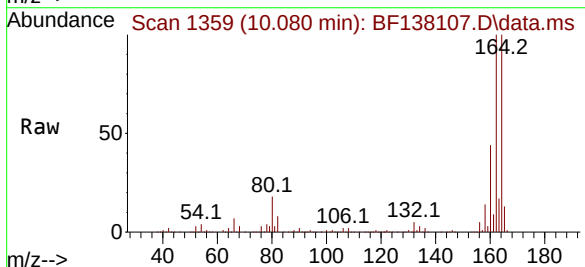
Instrument :
BNA_F
ClientSampleId :
MW-06

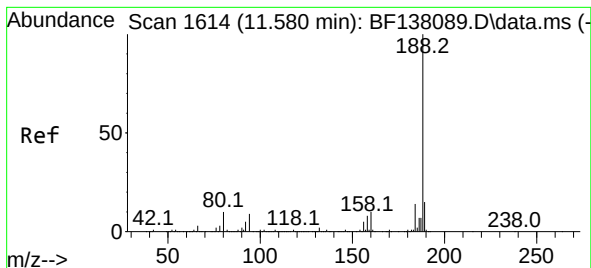
Tgt Ion:139 Resp: 14741
Ion Ratio Lower Upper
139 100
109 0.0 47.2 87.2#
65 1.9 66.7 106.7#



#57
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

Tgt Ion:165 Resp: 36927
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MW-06

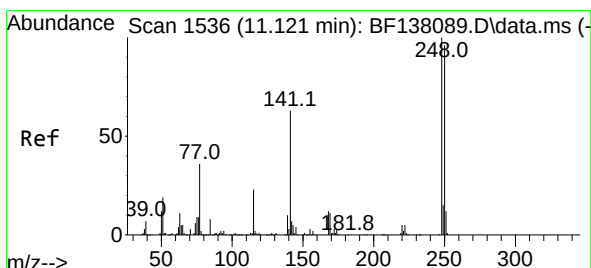
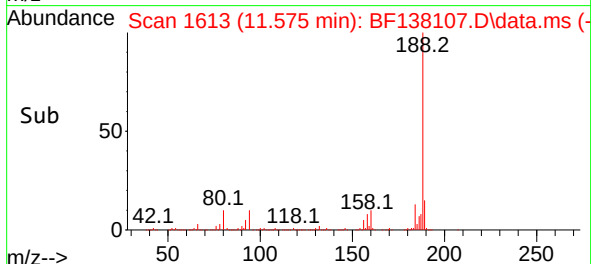
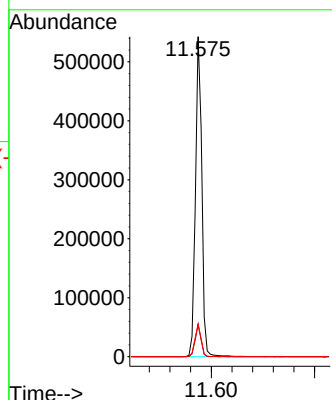
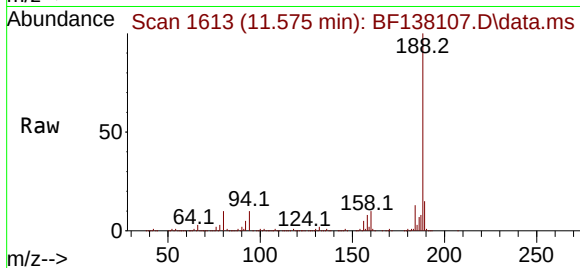
Tgt Ion:188 Resp: 461389

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.2 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 2.854 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138107.D

Acq: 03 Jun 2024 15:26

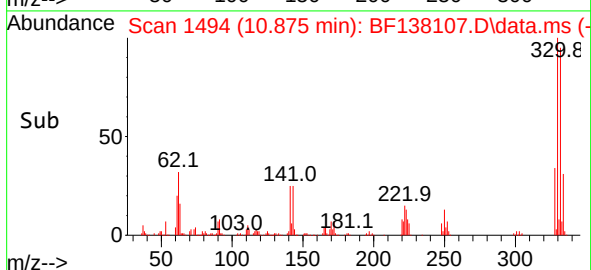
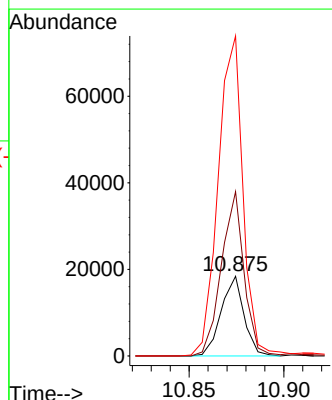
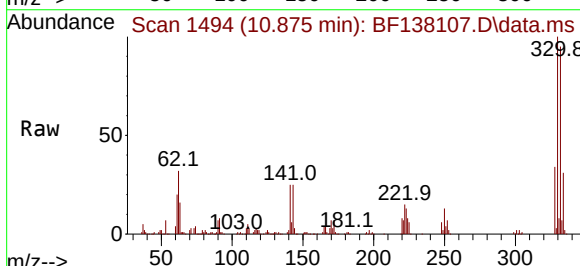
Tgt Ion:248 Resp: 15437

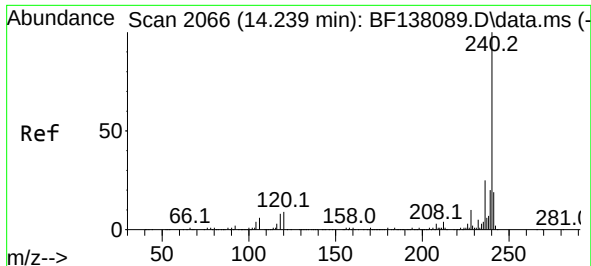
Ion Ratio Lower Upper

248 100

250 206.4 77.2 115.8#

141 401.8 50.6 76.0#

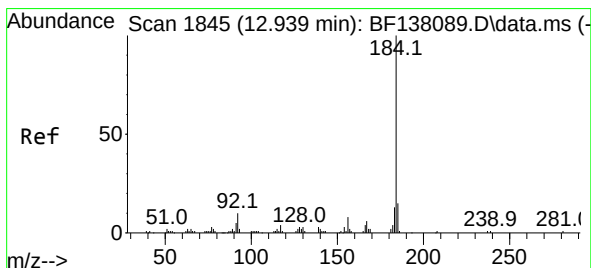
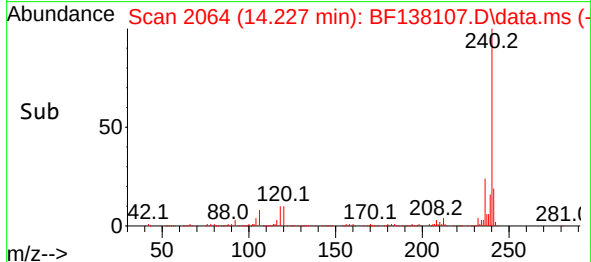
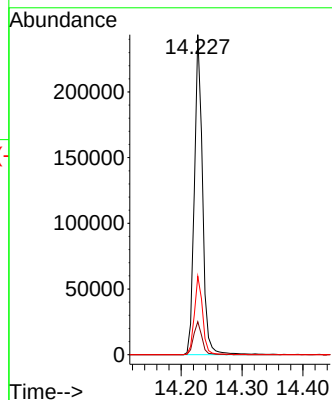
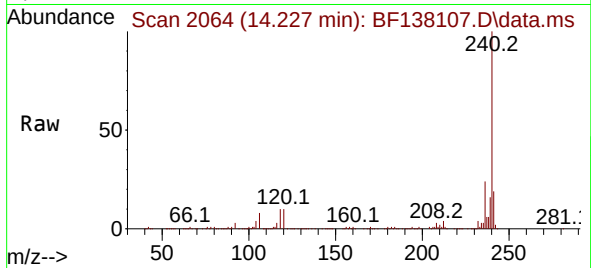




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

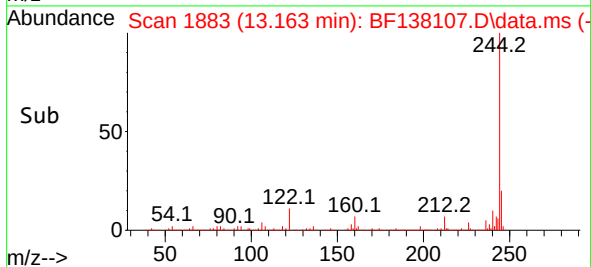
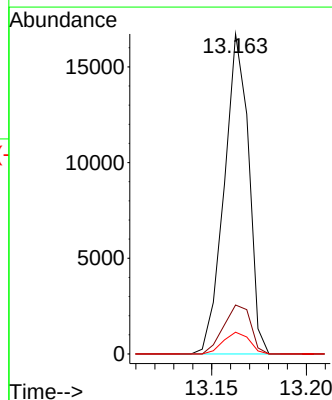
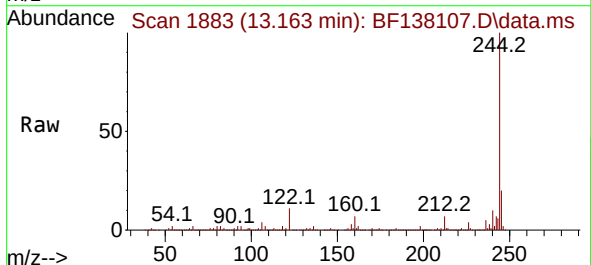
Instrument :
BNA_F
ClientSampleId :
MW-06

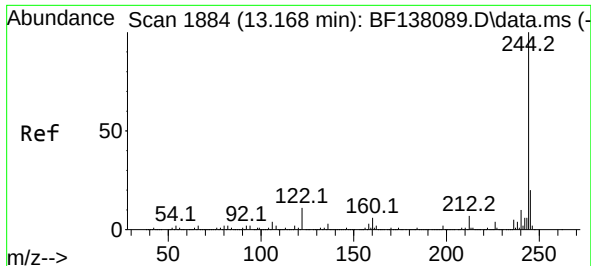
Tgt Ion:240 Resp: 226081
Ion Ratio Lower Upper
240 100
120 10.3 7.1 10.7
236 24.5 20.4 30.6



#77
Benzidine
Concen: 7.440 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.224 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

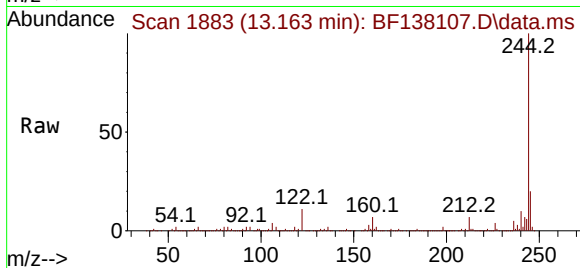
Tgt Ion:184 Resp: 14966
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.8 10.2 15.4#



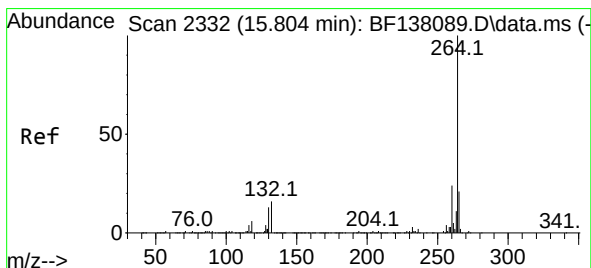
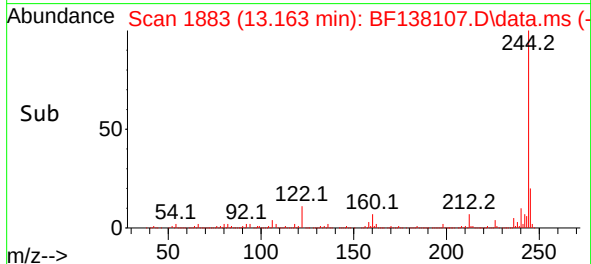
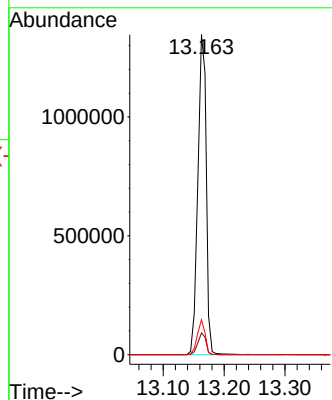


#79
Terphenyl-d14
Concen: 82.402 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BF138107.D
Acq: 03 Jun 2024 15:26

Instrument :
BNA_F
ClientSampleId :
MW-06



Tgt Ion:244 Resp: 1287906
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.9 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: BF138107.D
Acq: 03 Jun 2024 15:26

Tgt Ion:264 Resp: 241315
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 21.5 16.7 25.1

