

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138112.D
 Acq On : 03 Jun 2024 17:56
 Operator : CG\JU
 Sample : P2660-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Jun 03 18:47:06 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)

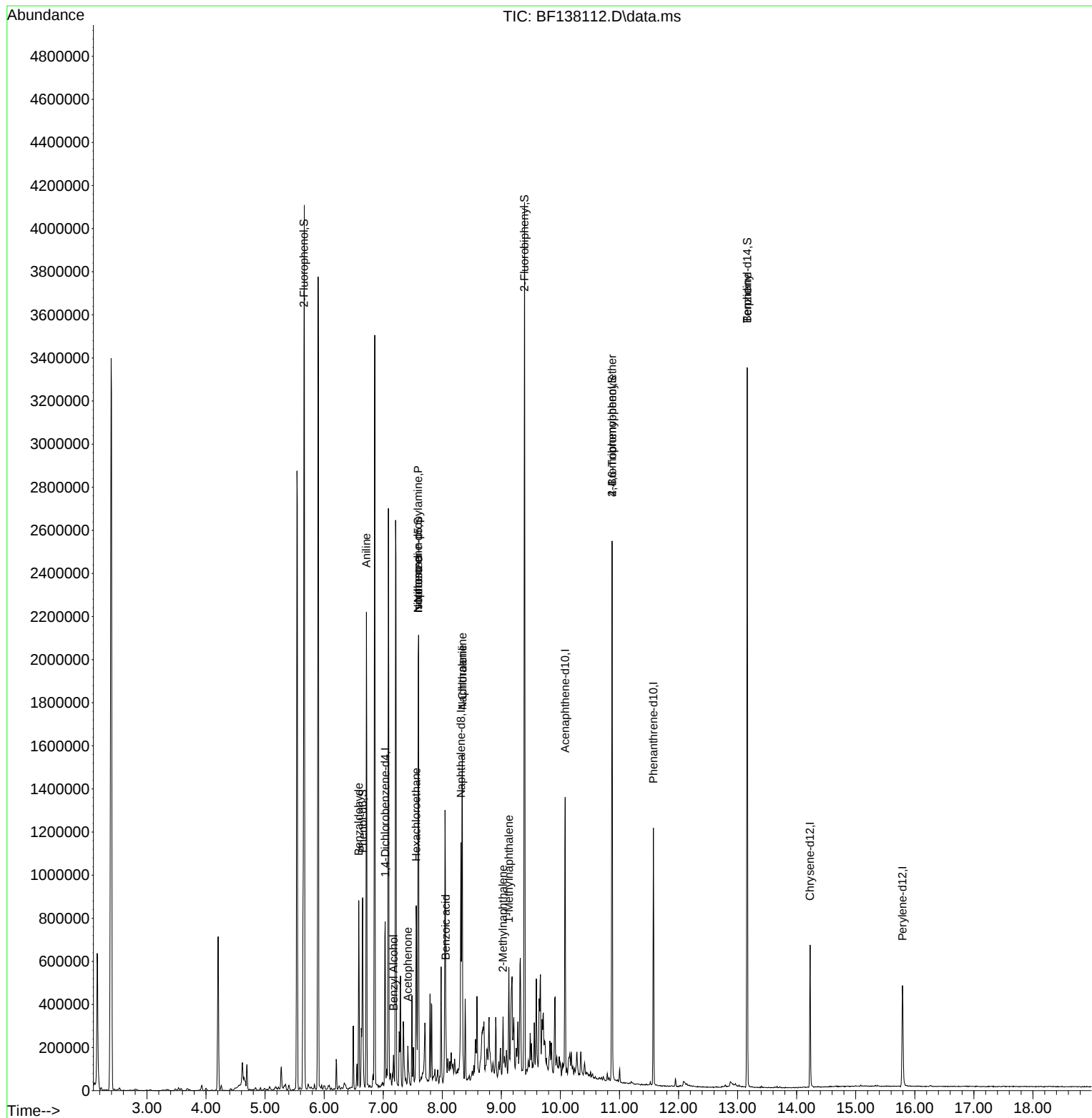
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	118722	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	442100	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	258975	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	412893	20.000	ng	0.00
76) Chrysene-d12	14.227	240	217327	20.000	ng	-0.01
86) Perylene-d12	15.792	264	250754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	380435	57.283	ng	0.00
7) Phenol-d6	6.651	99	334416	39.103	ng	-0.01
23) Nitrobenzene-d5	7.592	82	569229	75.027	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	331351	109.690	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1244692	71.243	ng	0.00
79) Terphenyl-d14	13.163	244	1141159	75.954	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.716	93	4238	4.765	ng	# 1
9) Benzaldehyde	6.587	77	33048	8.693	ng	# 1
15) Benzyl Alcohol	7.175	79	4295	6.095	ng	# 55
18) Hexachloroethane	7.557	117	59850	19.797	ng	# 1
19) n-Nitroso-di-n-propyla...	7.592	70	75718	15.268	ng	# 79
22) Acetophenone	7.416	105	67577	6.785	ng	# 59
25) Isophorone	7.592	82	565441	43.197	ng	# 62
31) Naphthalene	8.339	128	670606	29.481	ng	100
32) Benzoic acid	8.057	122	16256	11.357	ng	# 62
33) 4-Chloroaniline	8.339	127	90550	11.796	ng	# 38
37) 2-Methylnaphthalene	9.028	142	36264	2.423	ng	94
38) 1-Methylnaphthalene	9.128	142	76638	5.262	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	20862	4.311	ng	# 1
77) Benzidine	13.163	184	13856	7.276	ng	# 91

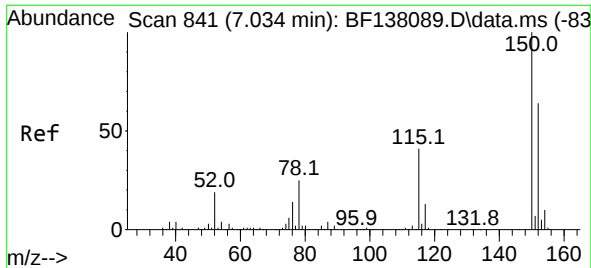
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
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QLast Update : Sat Jun 01 01:21:05 2024
Response via : Initial Calibration

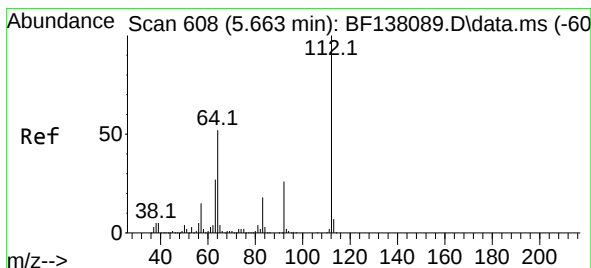
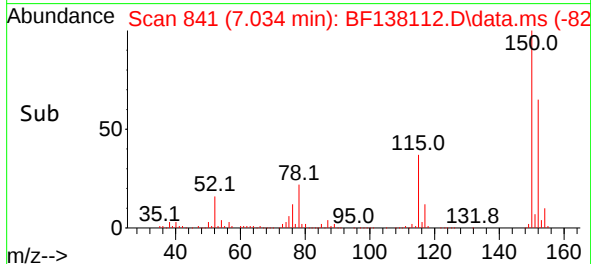
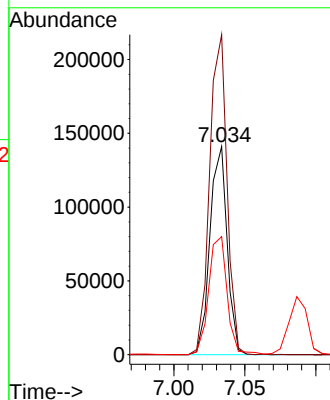
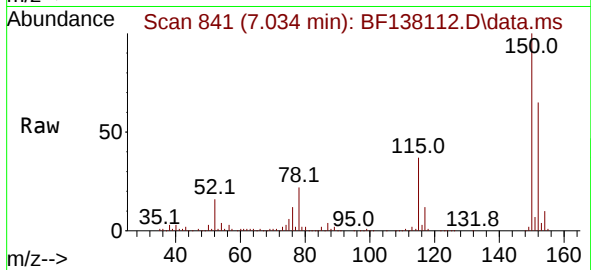




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

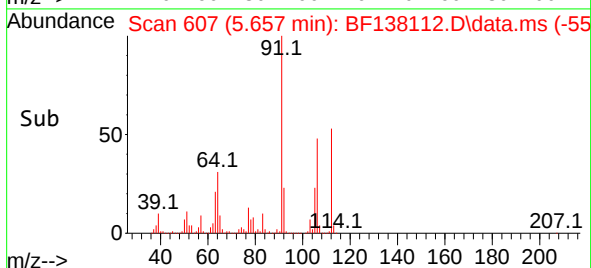
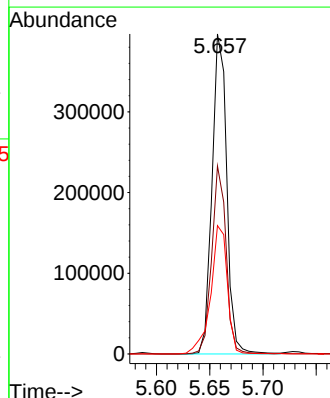
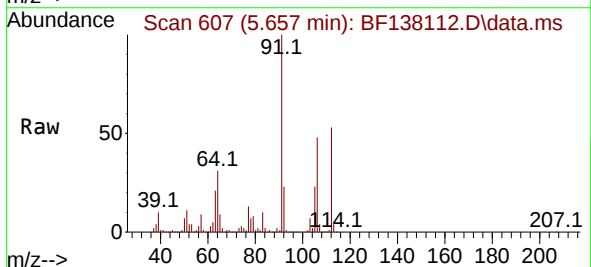
Instrument :
BNA_F
ClientSampleId :
MW-12

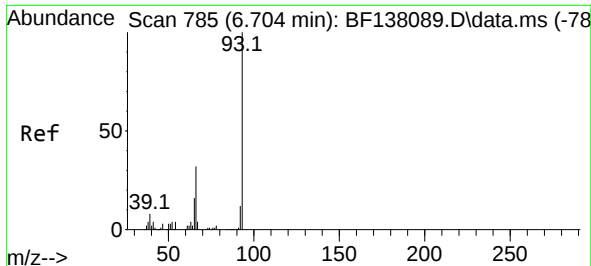
Tgt Ion:152 Resp: 118722
Ion Ratio Lower Upper
152 100
150 153.7 125.4 188.0
115 56.8 51.6 77.4



#5
2-Fluorophenol
Concen: 57.283 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion:112 Resp: 380435
Ion Ratio Lower Upper
112 100
64 58.7 41.4 62.2
63 40.1 21.5 32.3#

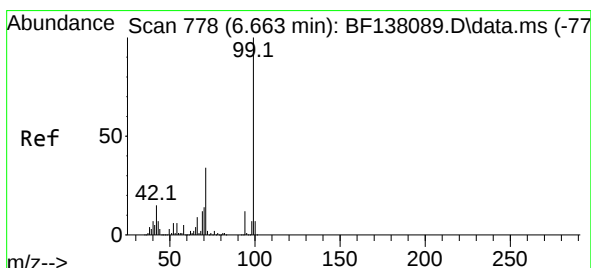
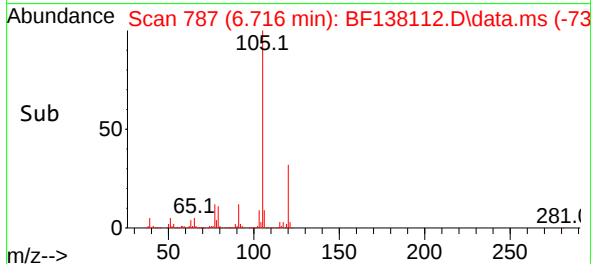
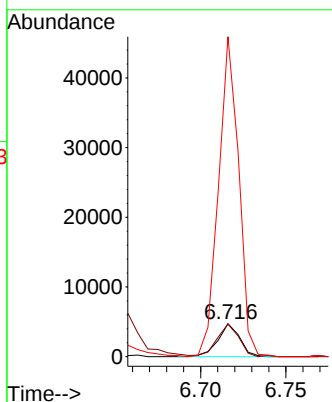
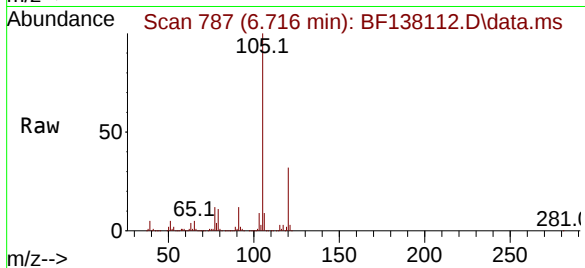




#6
Aniline
Concen: 4.765 ng
RT: 6.716 min Scan# 716
Delta R.T. 0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

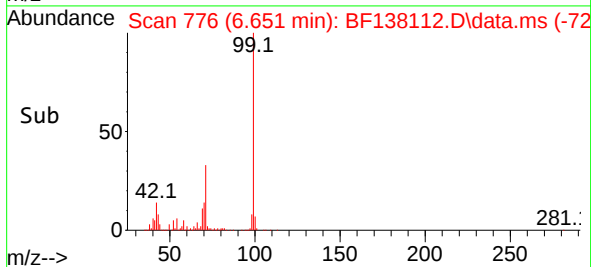
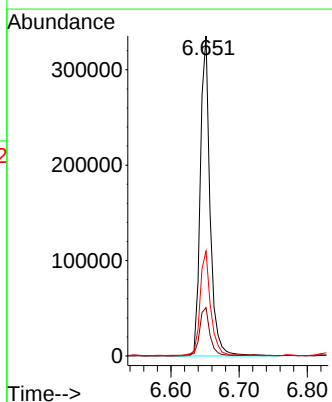
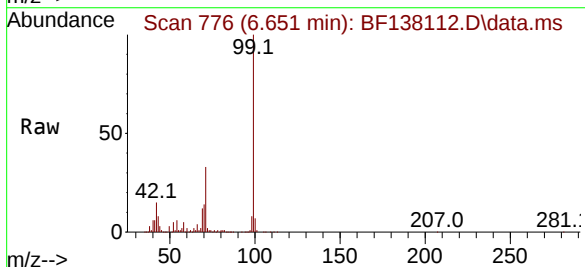
Instrument :
BNA_F
ClientSampleId :
MW-12

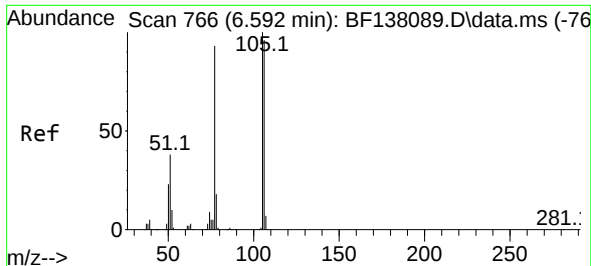
Tgt Ion: 93 Resp: 4238
Ion Ratio Lower Upper
93 100
66 99.2 30.4 45.6#
65 971.4 16.2 24.4#



#7
Phenol-d6
Concen: 39.103 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion: 99 Resp: 334416
Ion Ratio Lower Upper
99 100
42 15.1 11.9 17.9
71 32.7 26.8 40.2

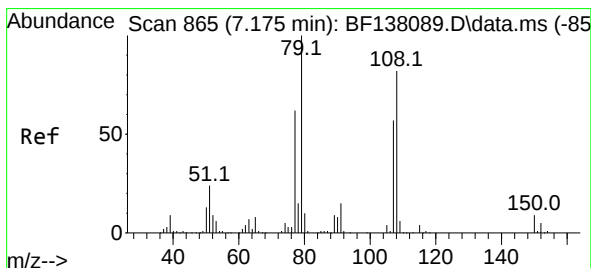
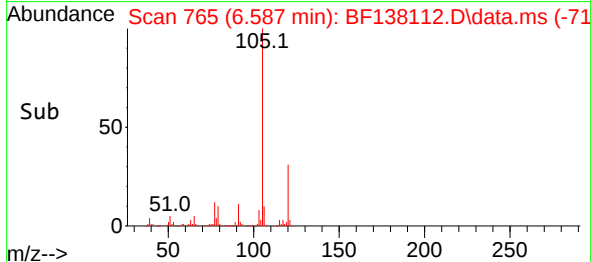
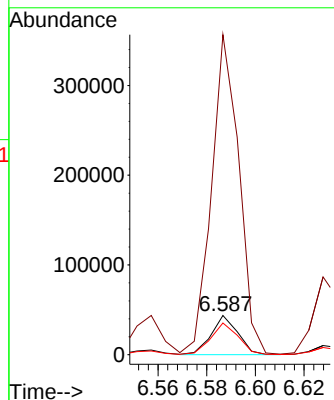
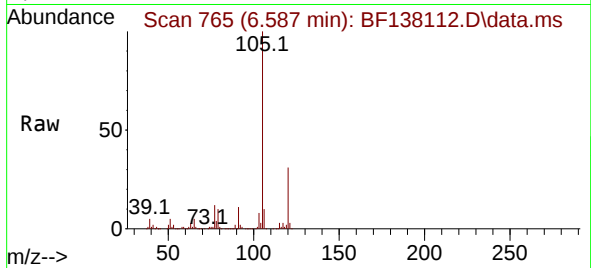




#9
Benzaldehyde
Concen: 8.693 ng
RT: 6.587 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

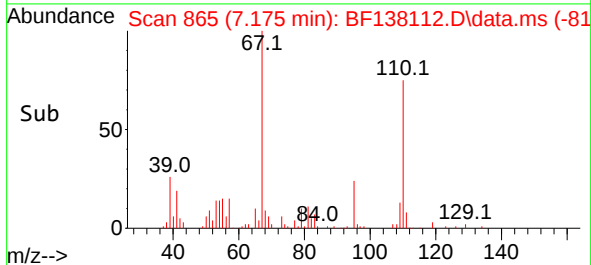
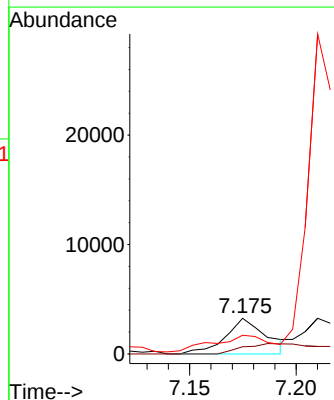
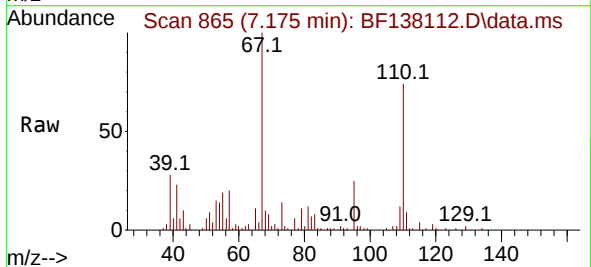
Instrument :
BNA_F
ClientSampleId :
MW-12

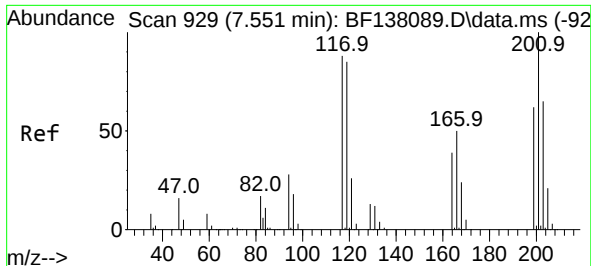
Tgt Ion: 77 Resp: 33048
Ion Ratio Lower Upper
77 100
105 815.1 88.0 128.0#
106 80.5 83.7 123.7#



#15
Benzyl Alcohol
Concen: 6.095 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion: 79 Resp: 4295
Ion Ratio Lower Upper
79 100
108 20.4 65.5 98.3#
77 52.4 49.6 74.4

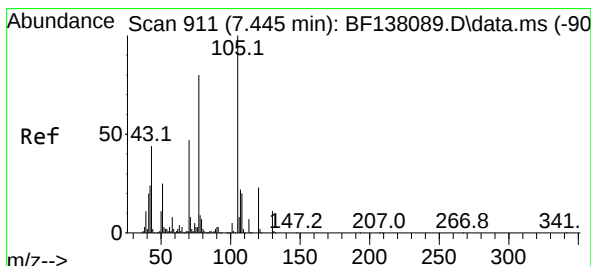
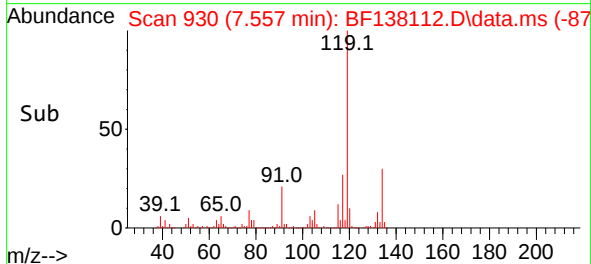
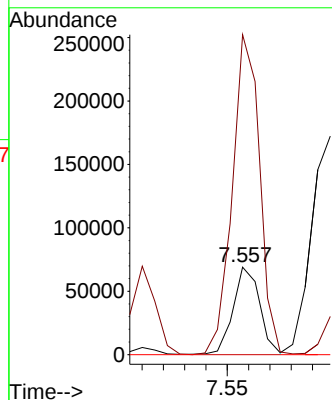
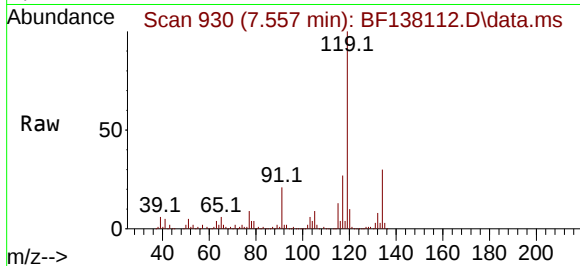




#18
Hexachloroethane
Concen: 19.797 ng
RT: 7.557 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

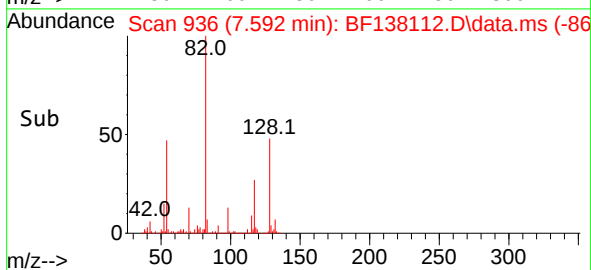
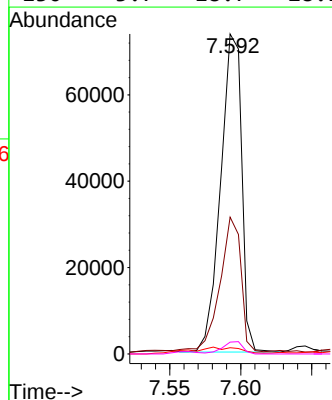
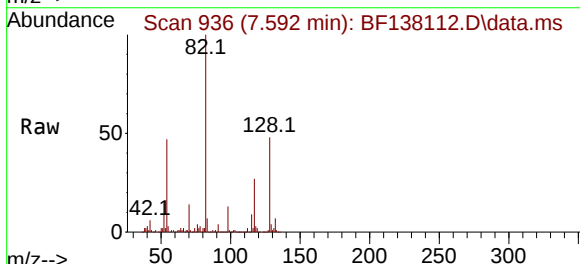
Instrument :
BNA_F
ClientSampleId :
MW-12

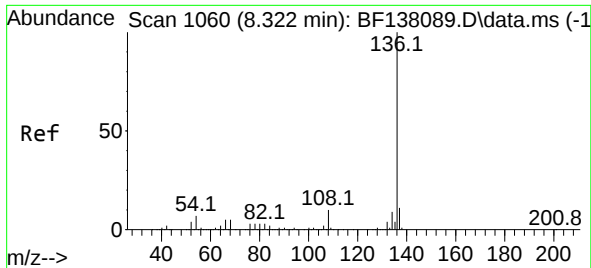
Tgt Ion:117 Resp: 59850
Ion Ratio Lower Upper
117 100
119 365.6 77.3 115.9#
201 0.0 90.8 136.2#



#19
n-Nitroso-di-n-propylamine
Concen: 15.268 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.147 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion: 70 Resp: 75718
Ion Ratio Lower Upper
70 100
42 42.8 41.4 62.0
101 2.0 8.1 12.1#
130 3.7 18.7 28.1#



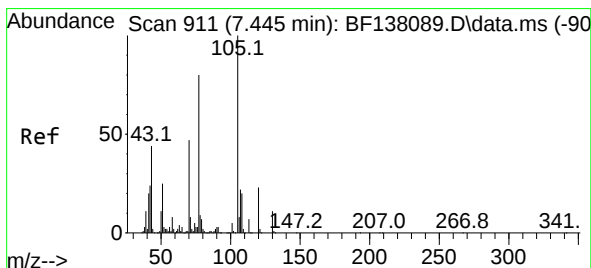
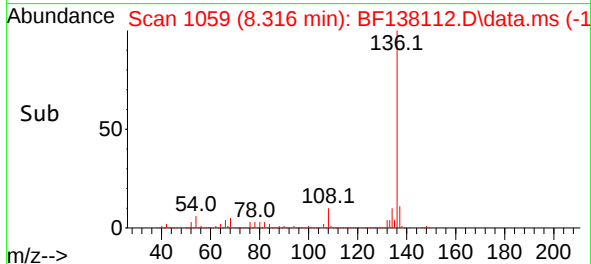
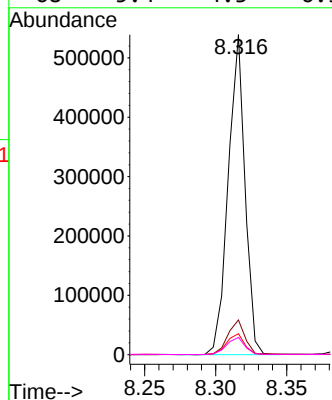
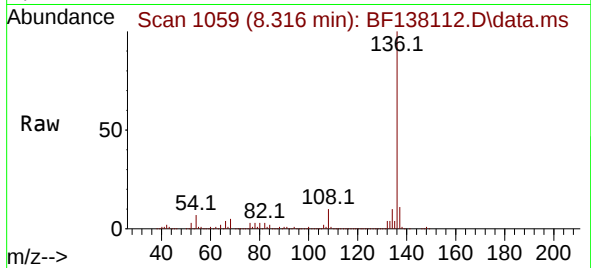


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 442100

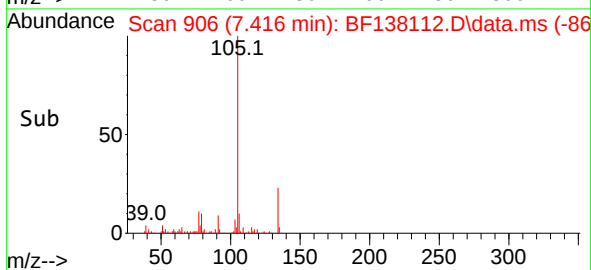
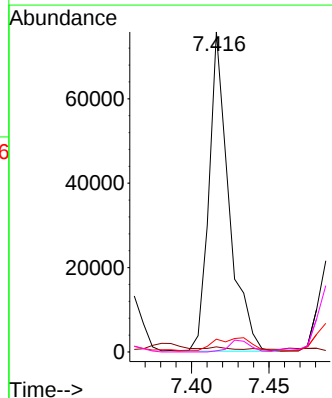
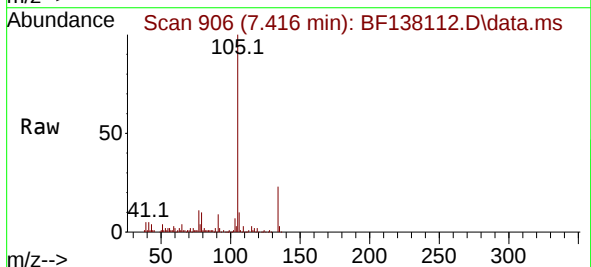
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.4	8.0
68	5.4	4.3	6.5

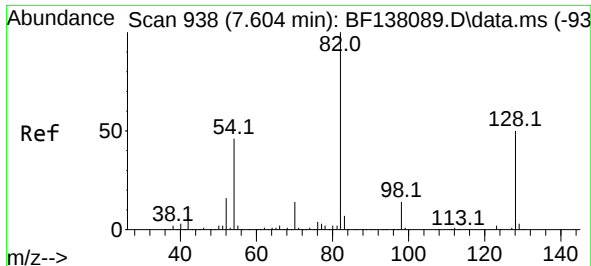


#22
Acetophenone
Concen: 6.785 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.029 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion:105 Resp: 67577

Ion	Ratio	Lower	Upper
105	100		
71	1.6	6.2	9.4#
51	4.0	20.0	30.0#
120	0.3	18.7	28.1#





#23

Nitrobenzene-d5

Concen: 75.027 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

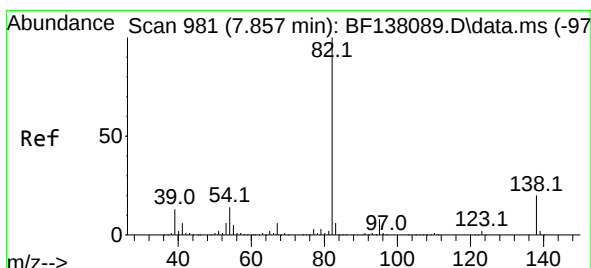
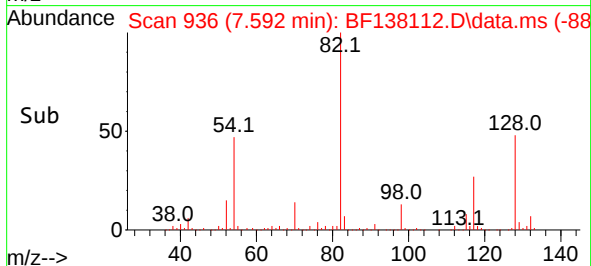
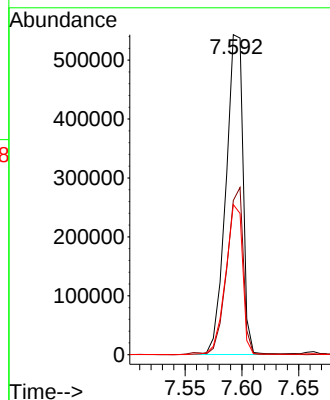
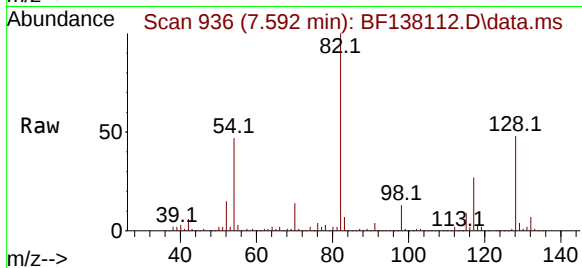
Tgt Ion: 82 Resp: 569229

Ion Ratio Lower Upper

82 100

128 48.2 39.9 59.9

54 46.9 37.0 55.4



#25

Isophorone

Concen: 43.197 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.265 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

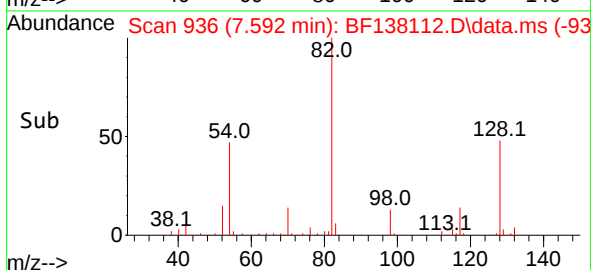
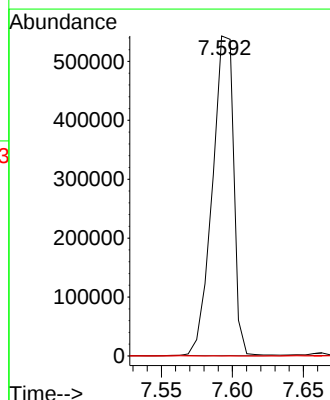
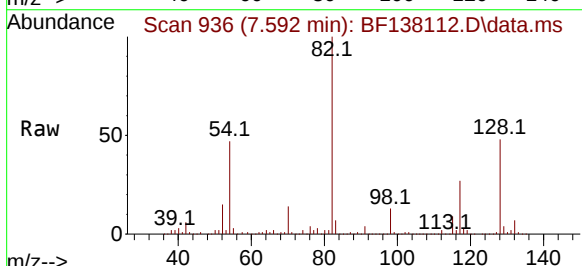
Tgt Ion: 82 Resp: 565441

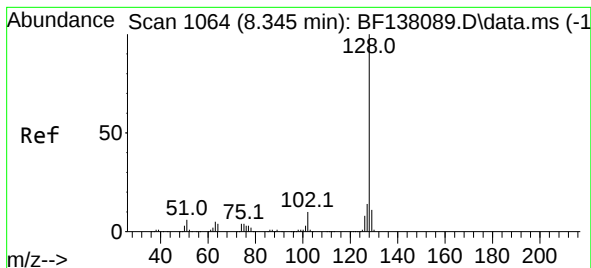
Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 16.2 24.2#





#31

Naphthalene

Concen: 29.481 ng

RT: 8.339 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

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ClientSampleId :

MW-12

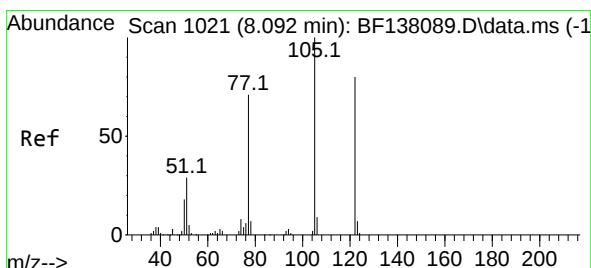
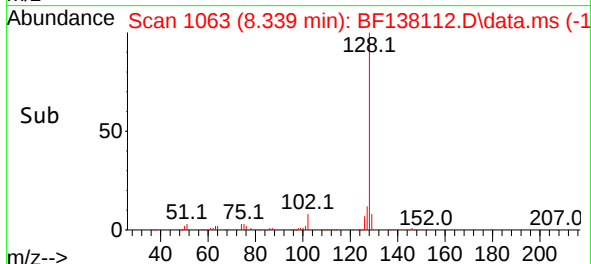
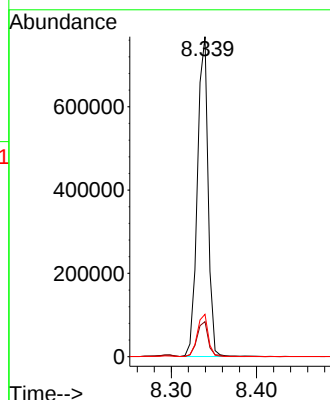
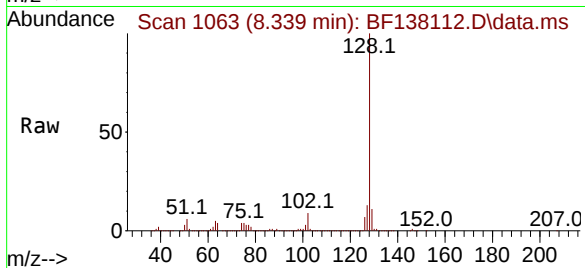
Tgt Ion:128 Resp: 670606

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 11.357 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.035 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

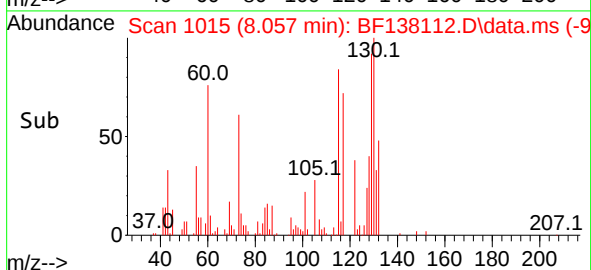
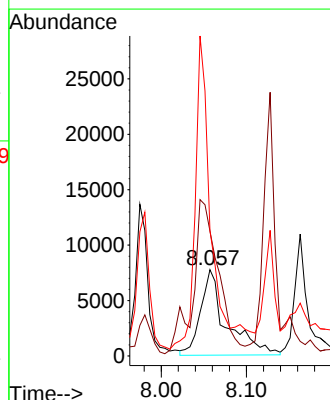
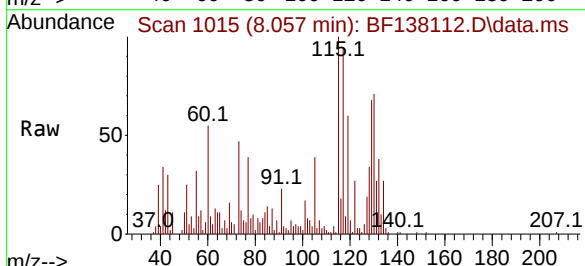
Tgt Ion:122 Resp: 16256

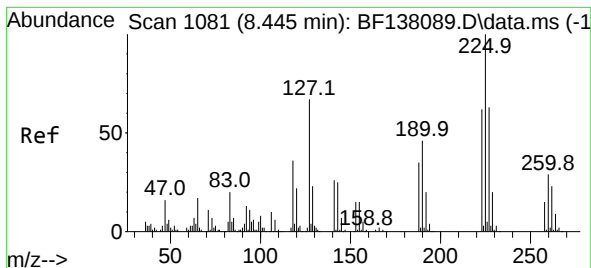
Ion Ratio Lower Upper

122 100

105 144.7 102.3 142.3#

77 145.3 67.6 107.6#





#33

4-Chloroaniline

Concen: 11.796 ng

RT: 8.339 min Scan# 1

Delta R.T. -0.106 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion:127 Resp: 90550

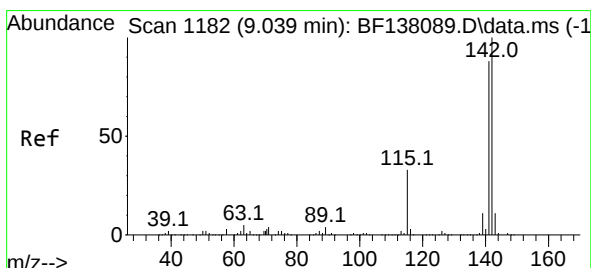
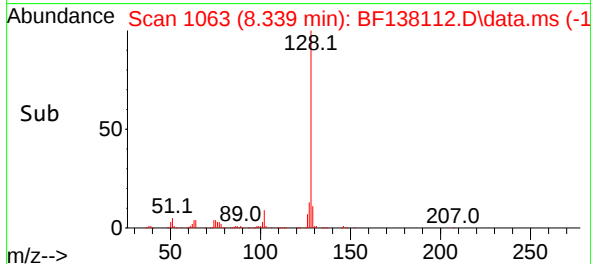
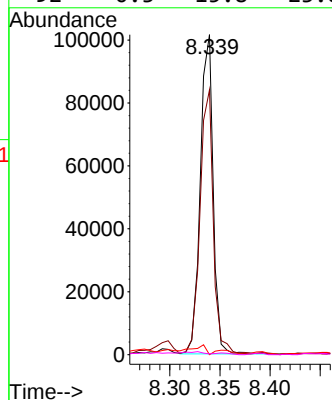
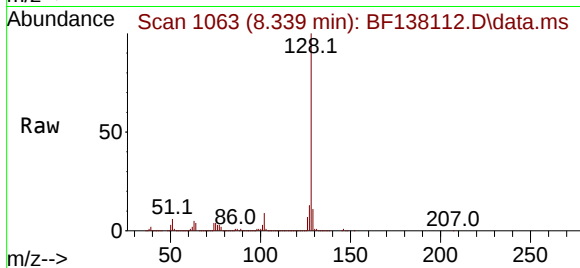
Ion Ratio Lower Upper

127 100

129 82.8 28.0 42.0#

65 0.0 20.6 30.8#

92 0.3 15.8 23.8#



#37

2-Methylnaphthalene

Concen: 2.423 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF138112.D

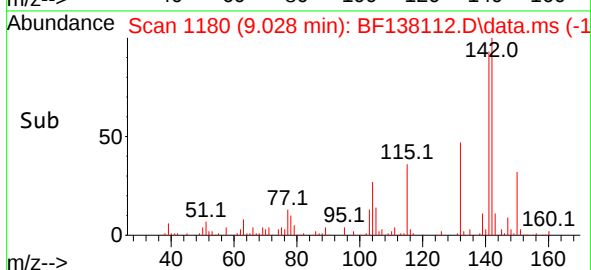
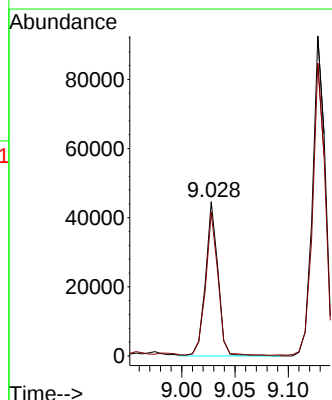
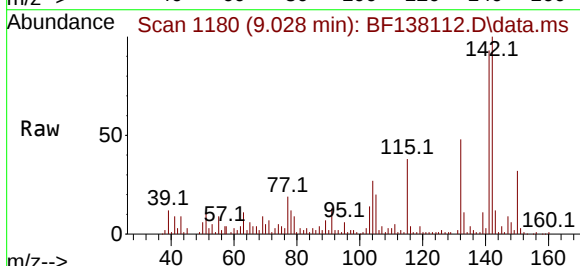
Acq: 03 Jun 2024 17:56

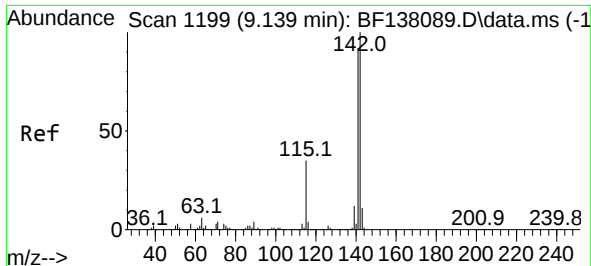
Tgt Ion:142 Resp: 36264

Ion Ratio Lower Upper

142 100

141 93.0 70.2 105.2

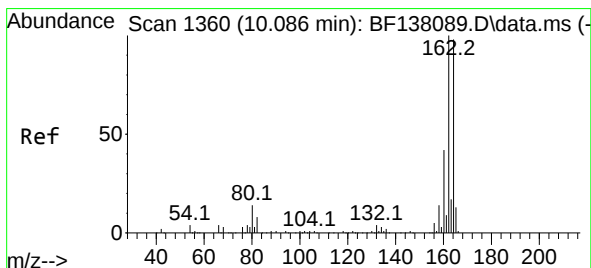
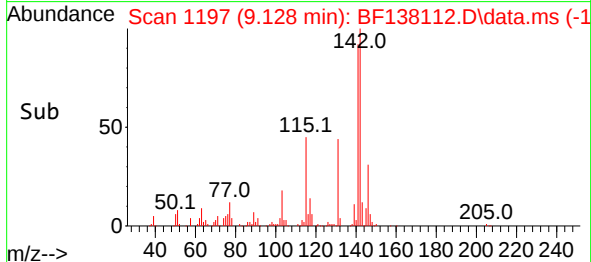
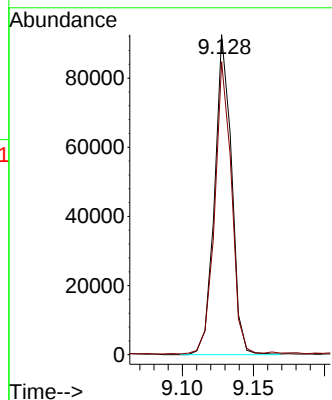
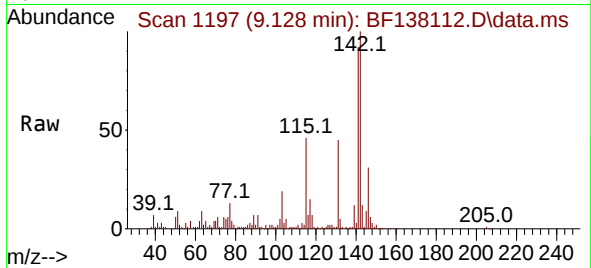




#38
1-Methylnaphthalene
Concen: 5.262 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

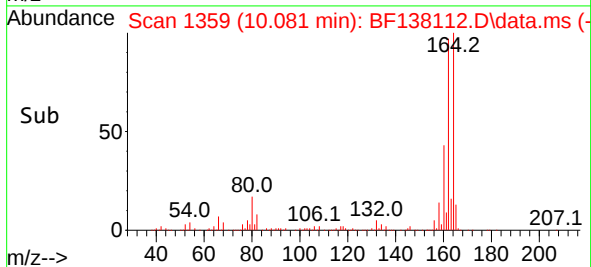
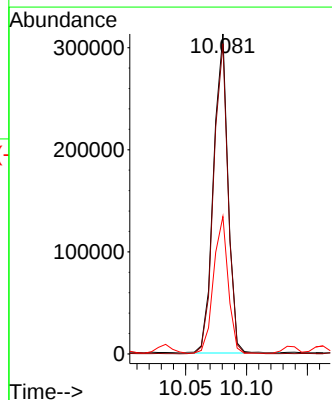
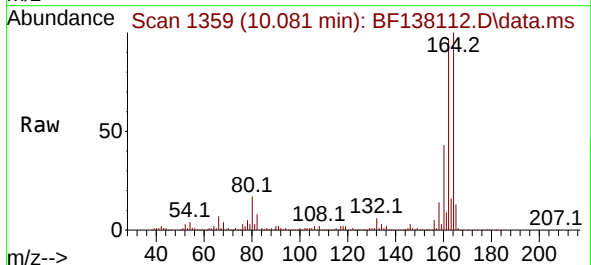
Instrument :
BNA_F
ClientSampleId :
MW-12

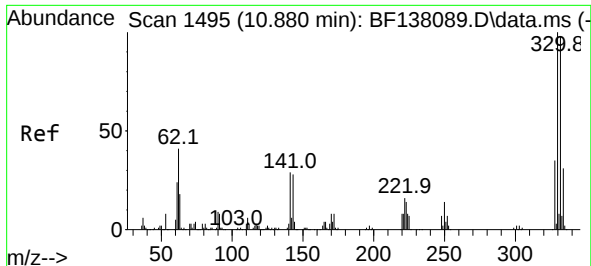
Tgt Ion:142 Resp: 76638
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion:164 Resp: 258975
Ion Ratio Lower Upper
164 100
162 96.9 81.7 122.5
160 42.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 109.690 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

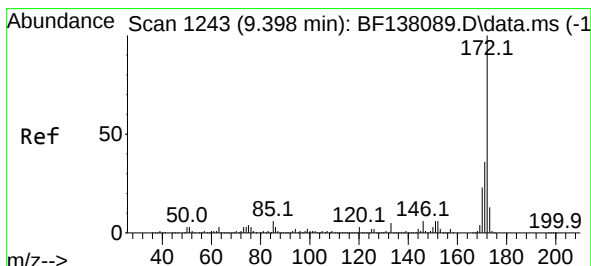
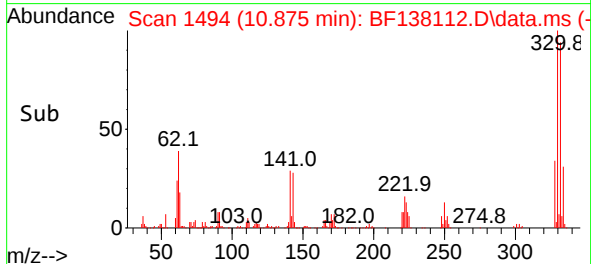
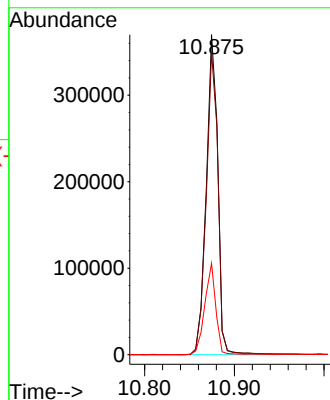
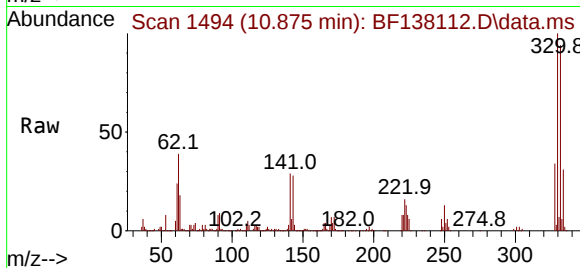
Tgt Ion:330 Resp: 331351

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 27.7 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 71.243 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

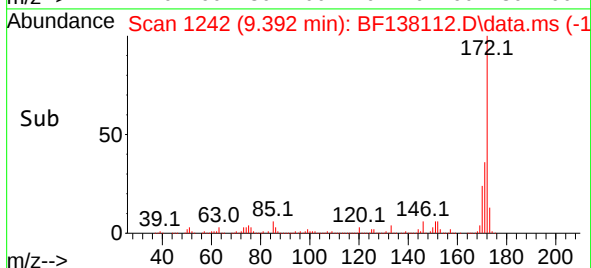
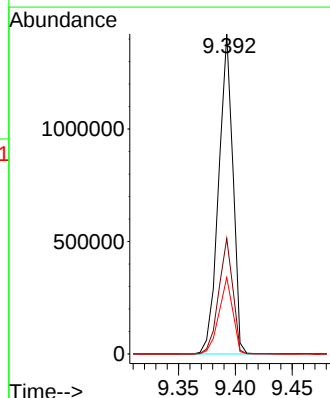
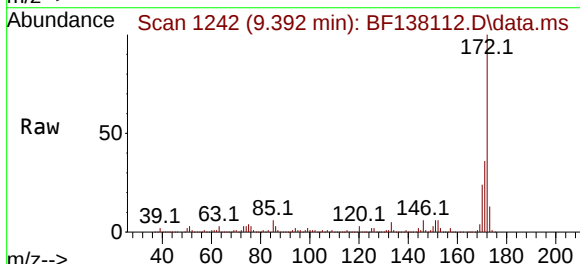
Tgt Ion:172 Resp: 1244692

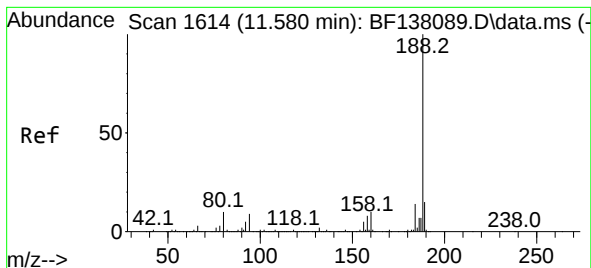
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 23.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

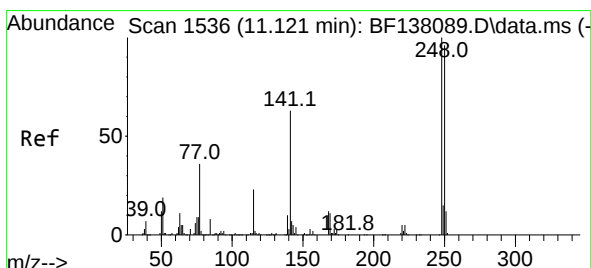
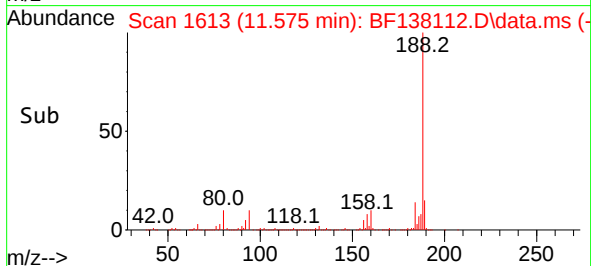
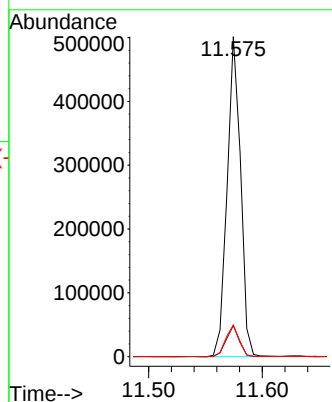
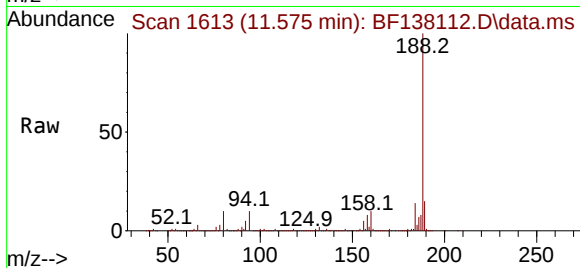
Tgt Ion:188 Resp: 412893

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 9.9 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 4.311 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

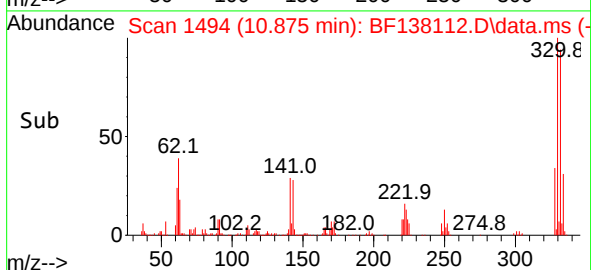
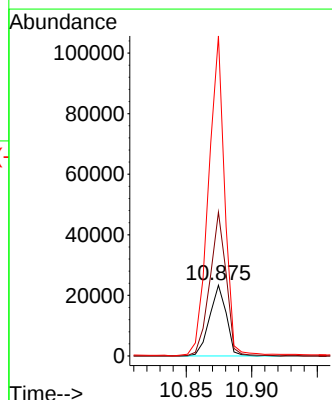
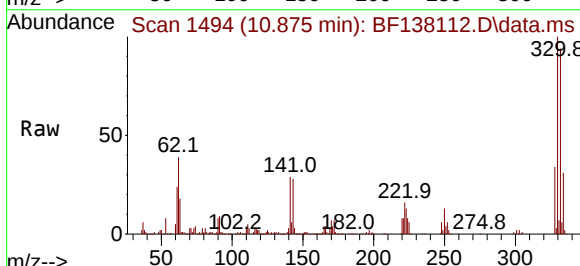
Tgt Ion:248 Resp: 20862

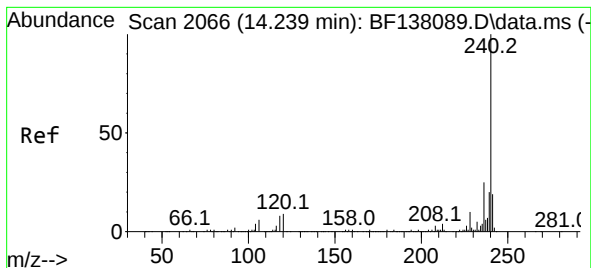
Ion Ratio Lower Upper

248 100

250 203.5 77.2 115.8#

141 452.9 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: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

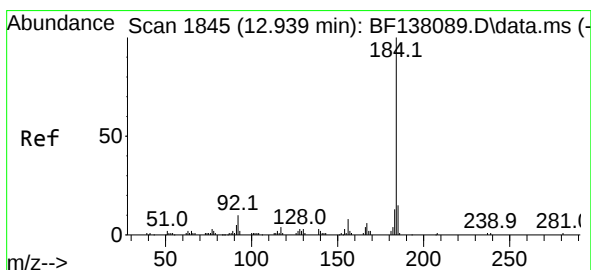
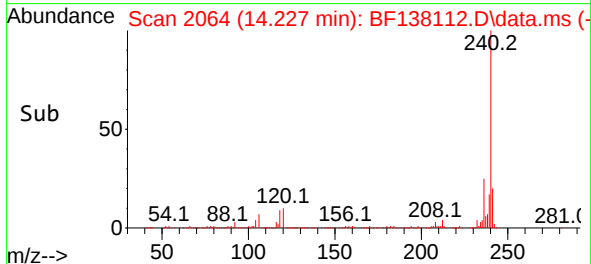
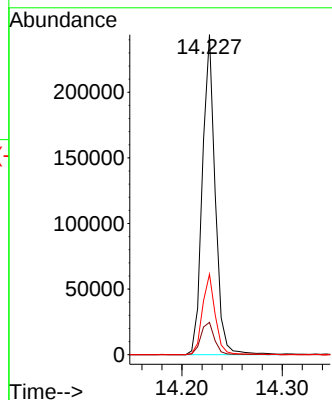
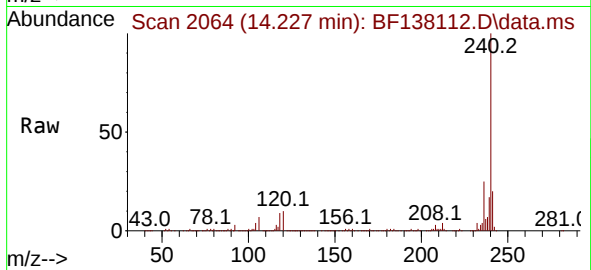
Tgt Ion:240 Resp: 217327

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

236 25.2 20.4 30.6



#77

Benzdine

Concen: 7.276 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.224 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

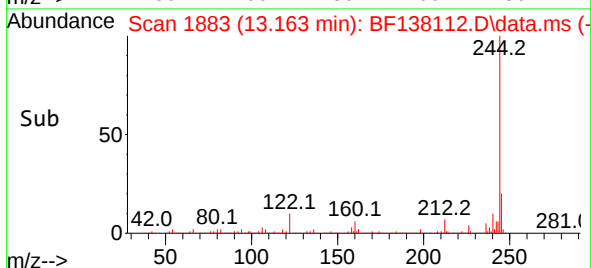
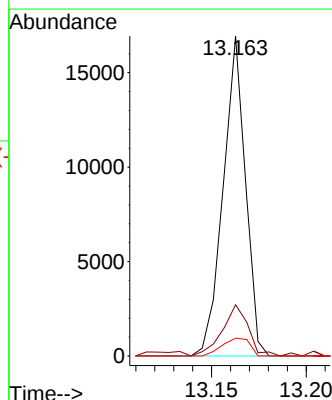
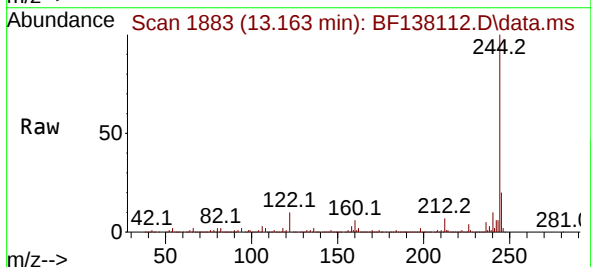
Tgt Ion:184 Resp: 13856

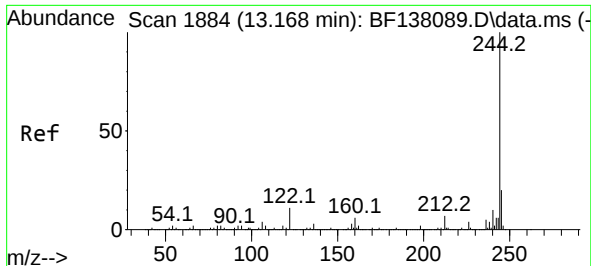
Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 5.6 10.2 15.4#

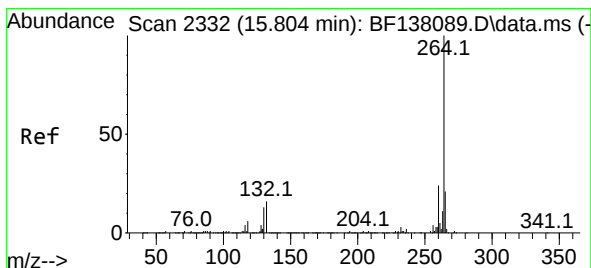
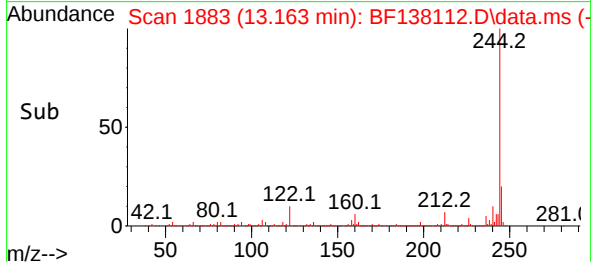
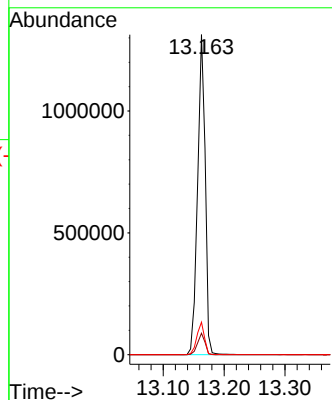
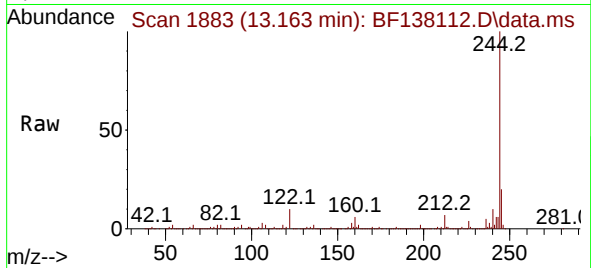




#79
 Terphenyl-d14
 Concen: 75.954 ng
 RT: 13.163 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138112.D
 Acq: 03 Jun 2024 17:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:244 Resp: 1141159
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 2330
 Delta R.T. -0.012 min
 Lab File: BF138112.D
 Acq: 03 Jun 2024 17:56

Tgt Ion:264 Resp: 250754
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.4 16.7 25.1

