

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138110.D
 Acq On : 03 Jun 2024 16:56
 Operator : CG\JU
 Sample : P2660-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jun 03 17:34:40 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)

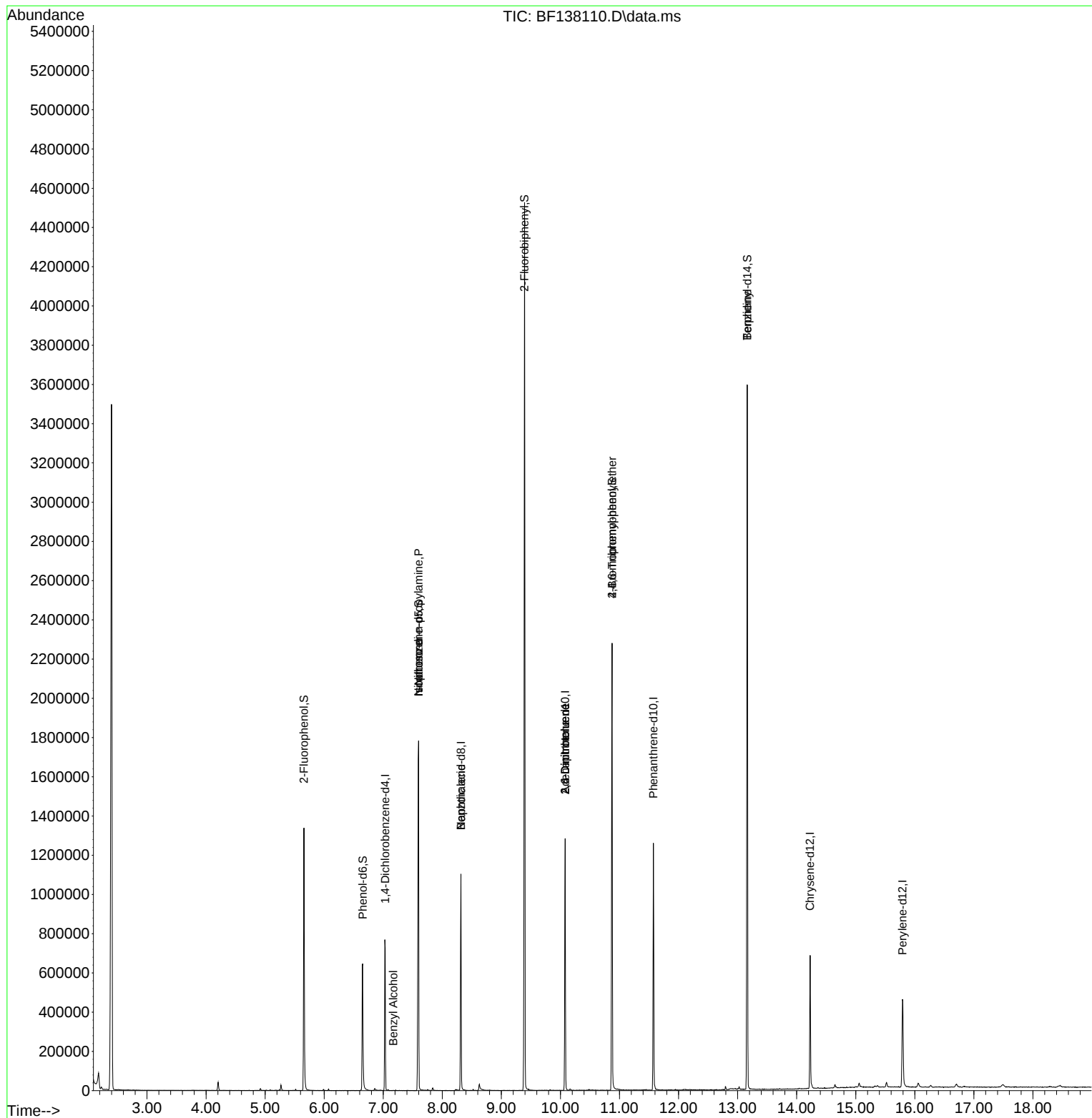
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	121708	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	481691	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	270212	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	444319	20.000	ng	0.00
76) Chrysene-d12	14.227	240	227457	20.000	ng	-0.01
86) Perylene-d12	15.792	264	251246	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	383922	56.390	ng	0.00
7) Phenol-d6	6.651	99	289864	33.062	ng	-0.01
23) Nitrobenzene-d5	7.598	82	646714	78.234	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	305239	96.843	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1395309	76.543	ng	0.00
79) Terphenyl-d14	13.163	244	1275392	81.107	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.169	79	386	5.187	ng	# 76
19) n-Nitroso-di-n-propyla...	7.598	70	86274	16.970	ng	# 75
25) Isophorone	7.598	82	646708	45.345	ng	# 62
32) Benzoic acid	8.316	122	84	7.803	ng	# 1
51) 2,6-Dinitrotoluene	10.080	165	34352	8.357	ng	# 33
57) 2,4-Dinitrotoluene	10.080	165	34352	6.337	ng	# 31
67) 4-Bromophenyl-phenylether	10.875	248	19247	3.696	ng	# 1
77) Benzidine	13.163	184	14850	7.379	ng	# 89

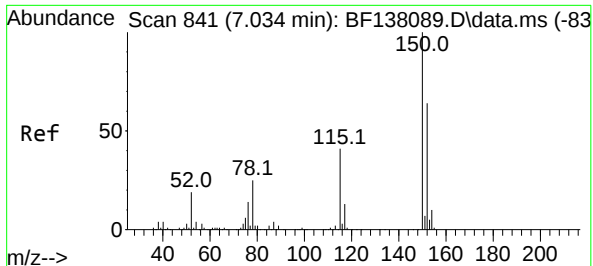
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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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

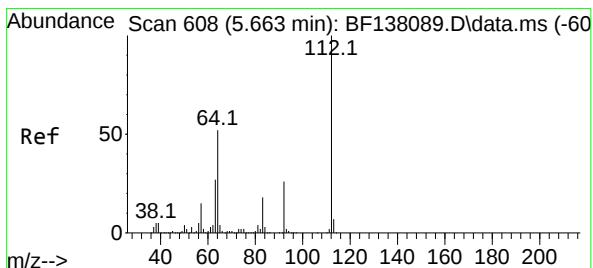
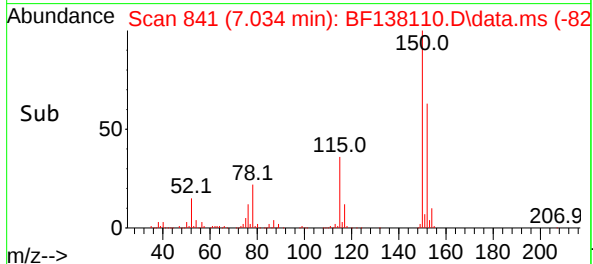
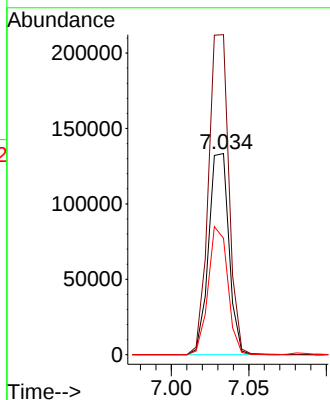
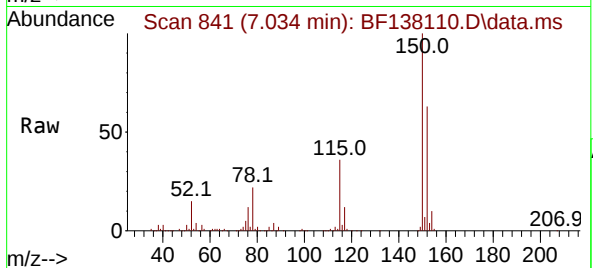




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

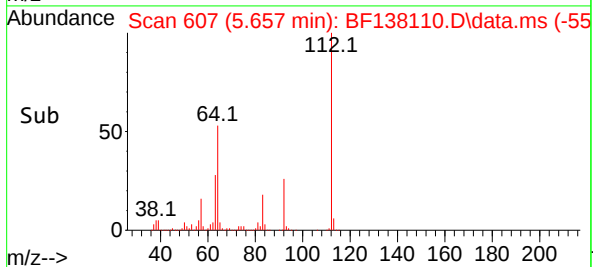
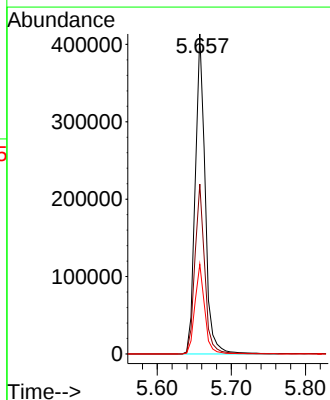
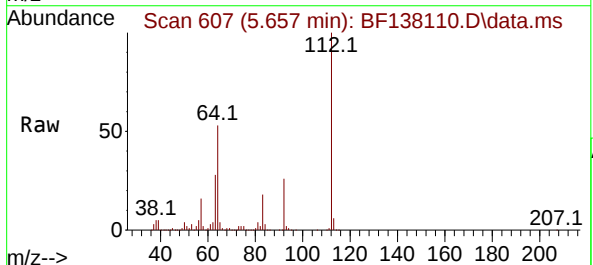
Instrument :
BNA_F
ClientSampleId :
MW-11

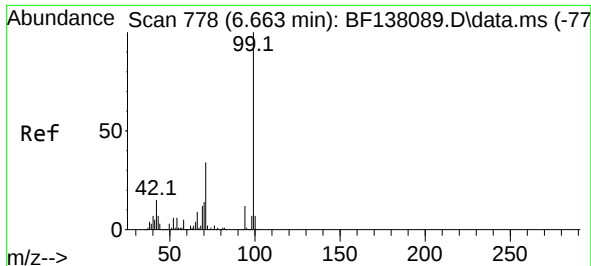
Tgt Ion:152 Resp: 121708
Ion Ratio Lower Upper
152 100
150 159.1 125.4 188.0
115 57.9 51.6 77.4



#5
2-Fluorophenol
Concen: 56.390 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

Tgt Ion:112 Resp: 383922
Ion Ratio Lower Upper
112 100
64 53.1 41.4 62.2
63 28.1 21.5 32.3

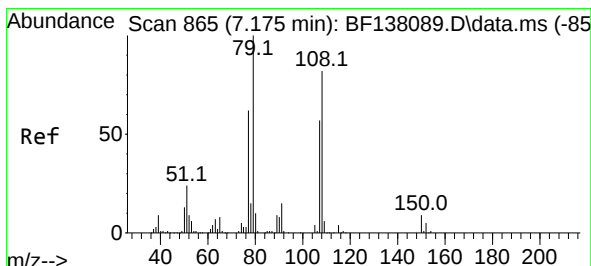
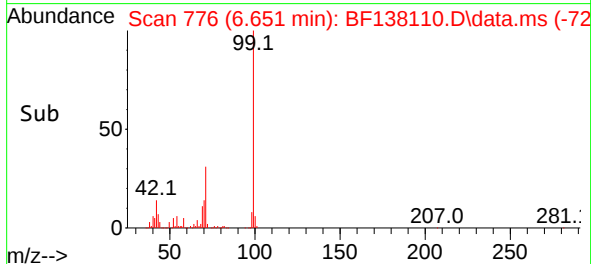
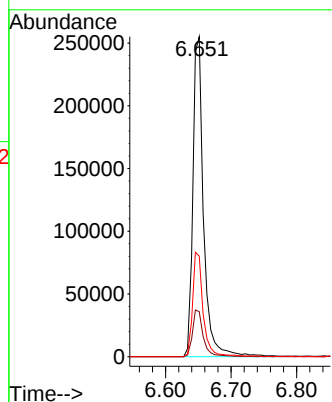
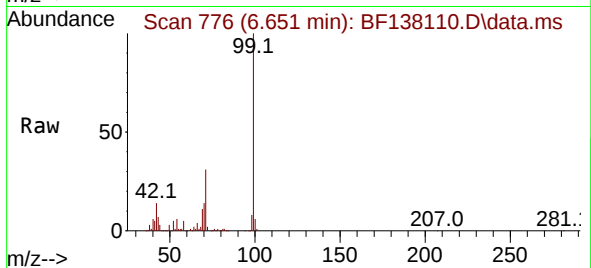




#7
Phenol-d6
Concen: 33.062 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

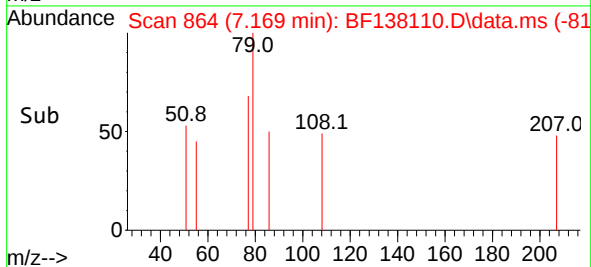
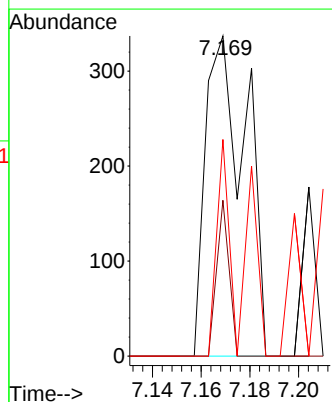
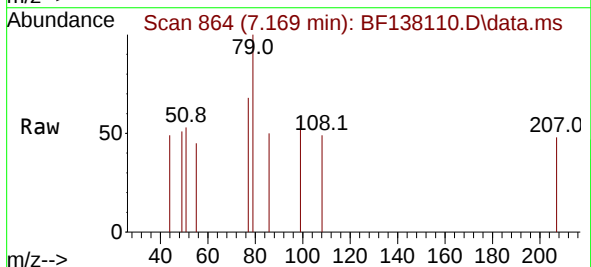
Instrument :
BNA_F
ClientSampleId :
MW-11

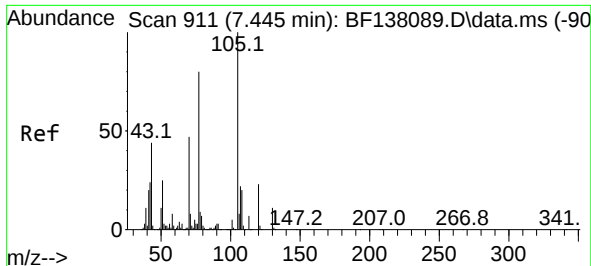
Tgt Ion: 99 Resp: 289864
Ion Ratio Lower Upper
99 100
42 14.1 11.9 17.9
71 31.4 26.8 40.2



#15
Benzyl Alcohol
Concen: 5.187 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

Tgt Ion: 79 Resp: 386
Ion Ratio Lower Upper
79 100
108 48.7 65.5 98.3#
77 67.7 49.6 74.4

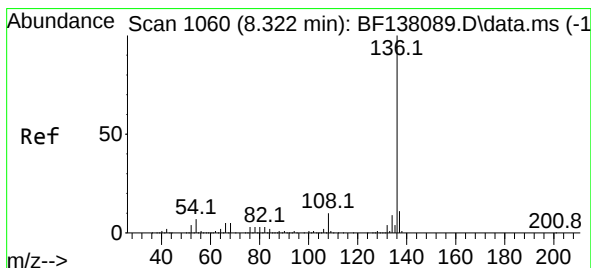
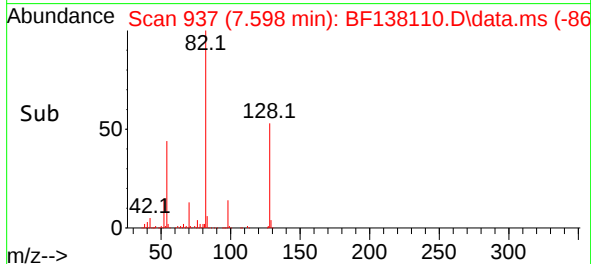
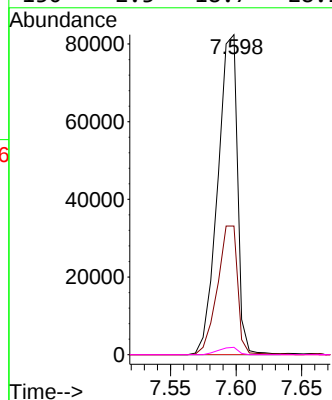
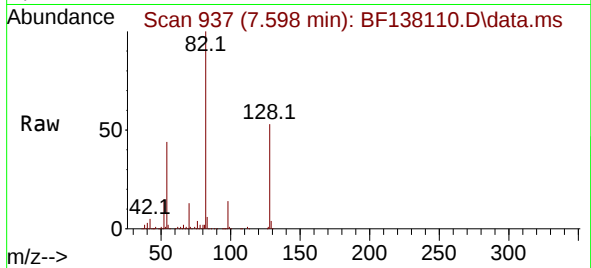




#19
n-Nitroso-di-n-propylamine
Concen: 16.970 ng
RT: 7.598 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

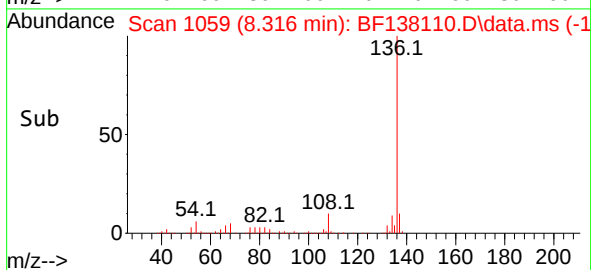
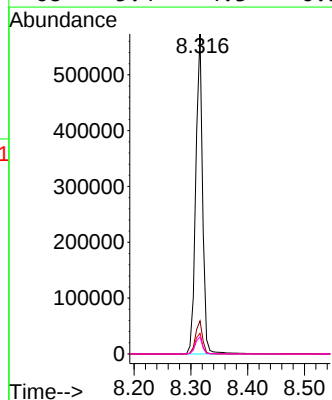
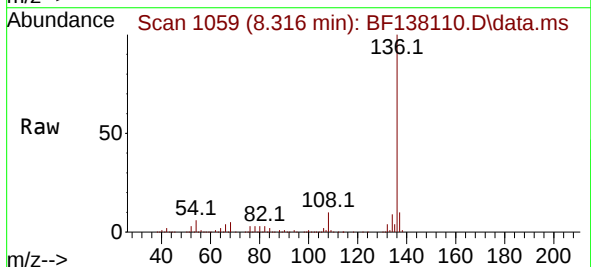
Instrument :
BNA_F
ClientSampleId :
MW-11

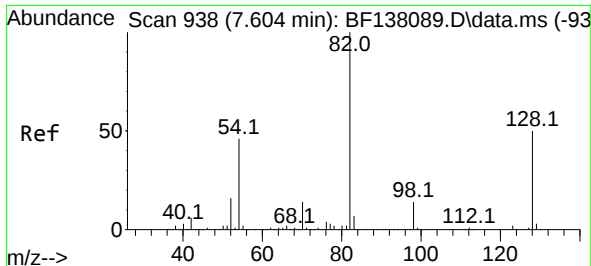
Tgt Ion: 70 Resp: 86274
Ion Ratio Lower Upper
70 100
42 40.2 41.4 62.0#
101 0.0 8.1 12.1#
130 2.3 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

Tgt Ion: 136 Resp: 481691
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 6.5 5.4 8.0
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 78.234 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138110.D

Acq: 03 Jun 2024 16:56

Instrument :

BNA_F

ClientSampleId :

MW-11

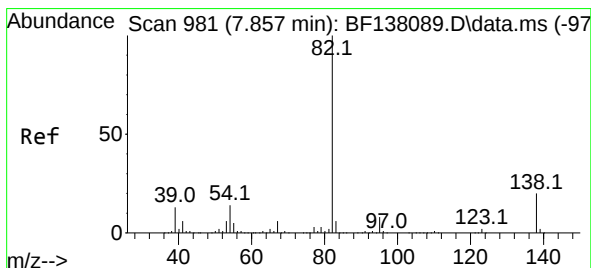
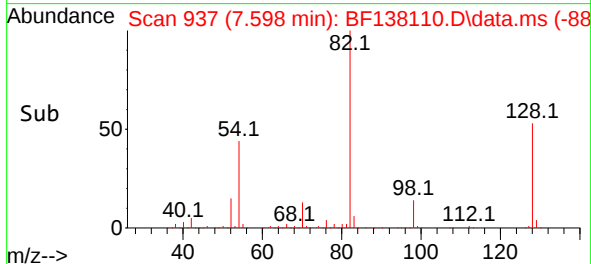
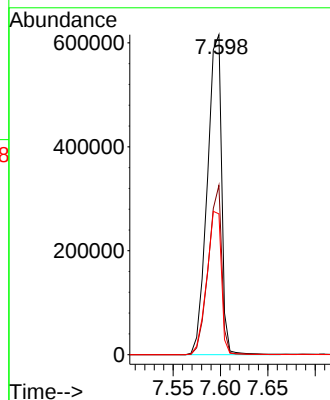
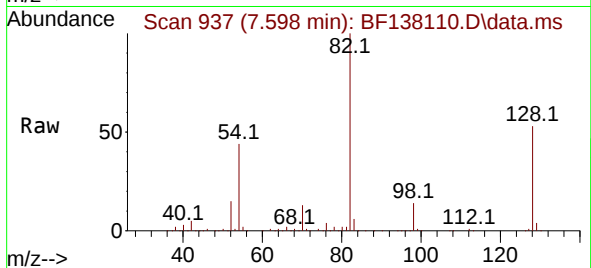
Tgt Ion: 82 Resp: 646714

Ion Ratio Lower Upper

82 100

128 52.9 39.9 59.9

54 44.0 37.0 55.4



#25

Isophorone

Concen: 45.345 ng

RT: 7.598 min Scan# 937

Delta R.T. -0.259 min

Lab File: BF138110.D

Acq: 03 Jun 2024 16:56

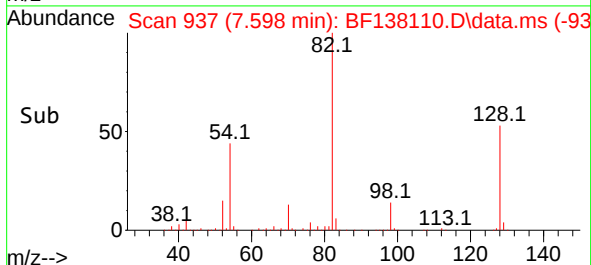
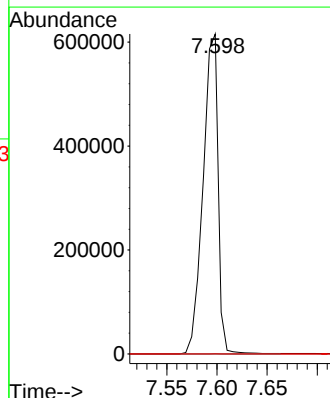
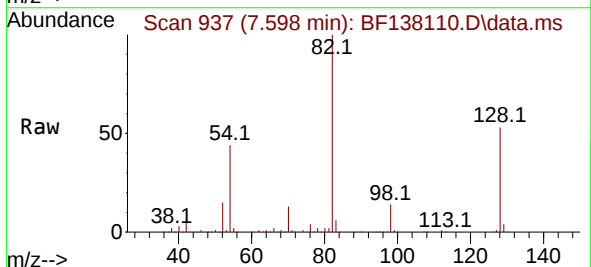
Tgt Ion: 82 Resp: 646708

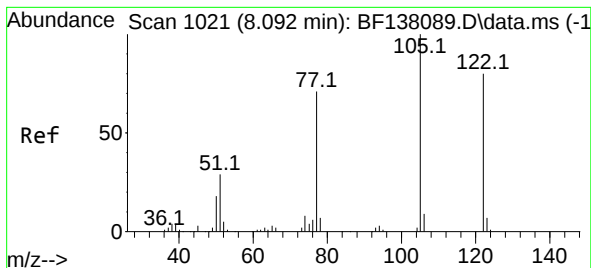
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 16.2 24.2#





#32

Benzoic acid

Concen: 7.803 ng

RT: 8.316 min Scan# 1

Delta R.T. 0.224 min

Lab File: BF138110.D

Acq: 03 Jun 2024 16:56

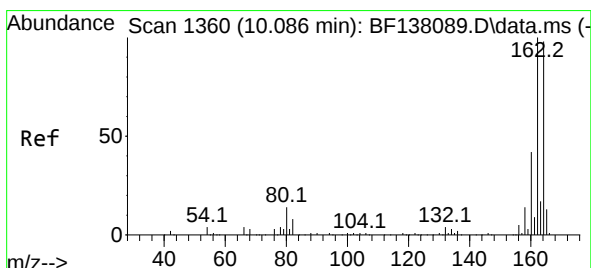
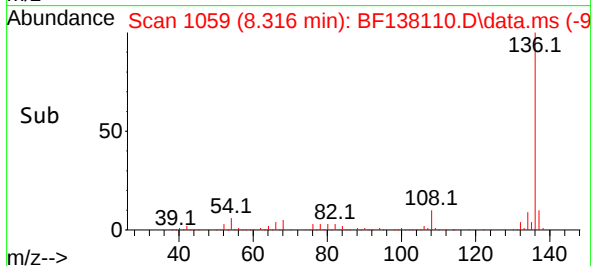
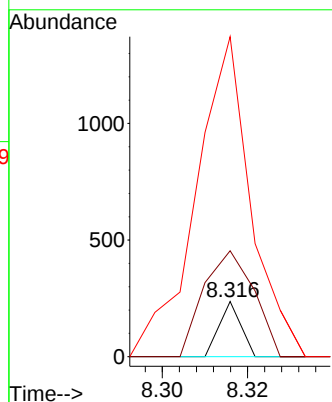
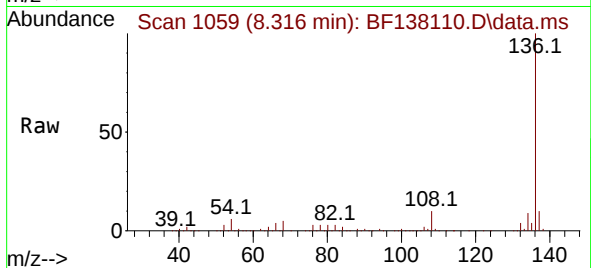
Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion:	122	Resp:	84
Ion	Ratio	Lower	Upper
122	100		
105	191.6	102.3	142.3#
77	578.9	67.6	107.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

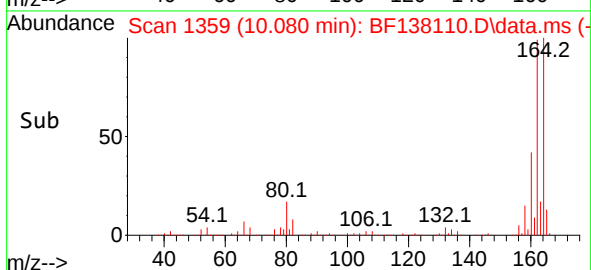
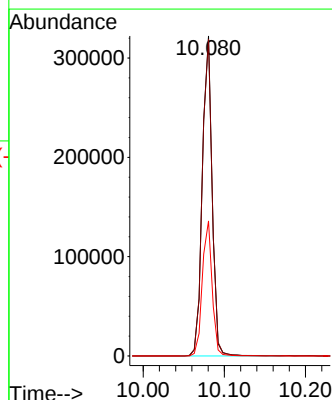
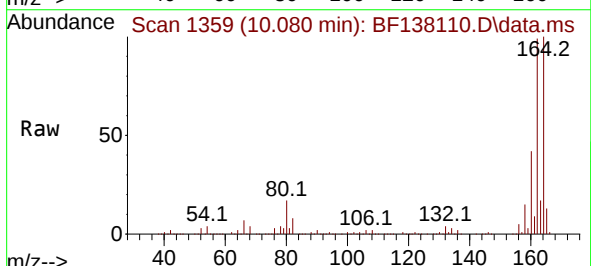
RT: 10.080 min Scan# 1359

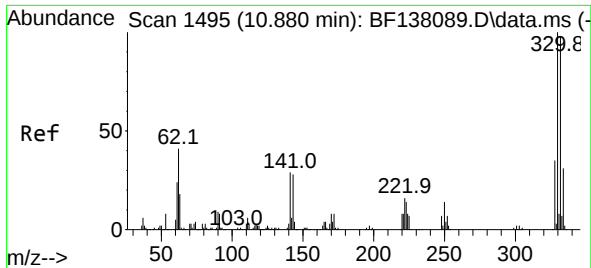
Delta R.T. -0.006 min

Lab File: BF138110.D

Acq: 03 Jun 2024 16:56

Tgt Ion:	164	Resp:	270212
Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.7	122.5
160	42.2	34.5	51.7

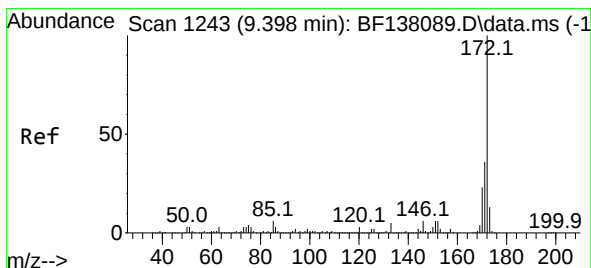
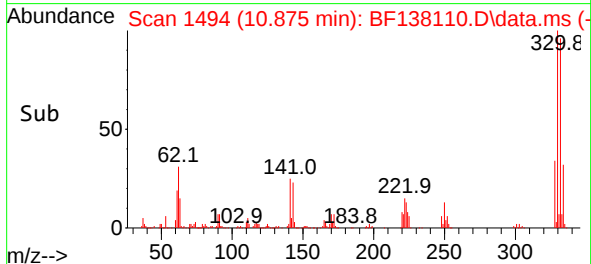
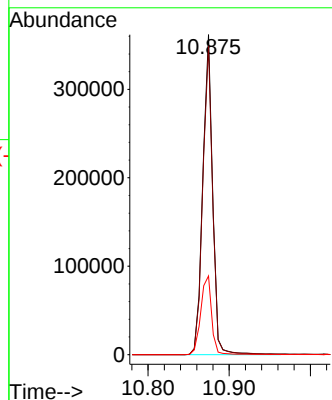
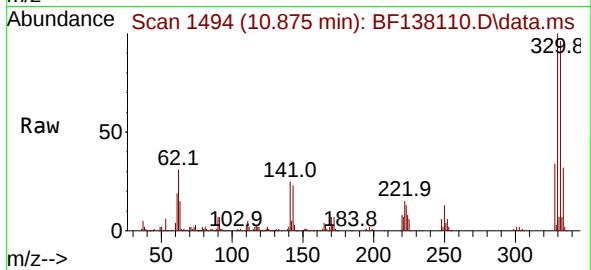




#42
2,4,6-Tribromophenol
Concen: 96.843 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

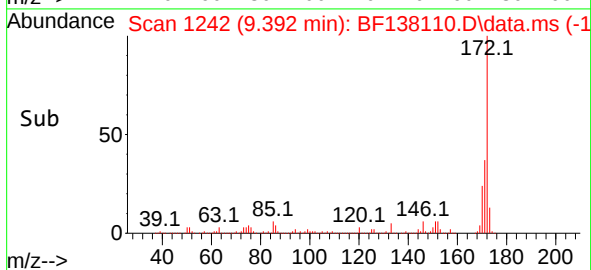
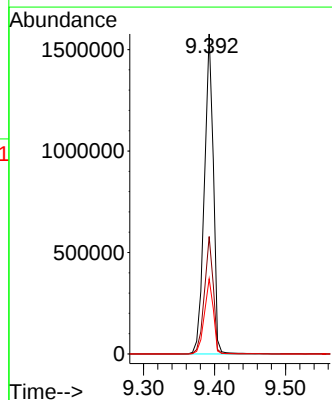
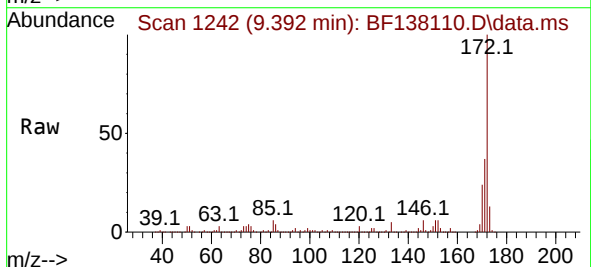
Instrument :
BNA_F
ClientSampleId :
MW-11

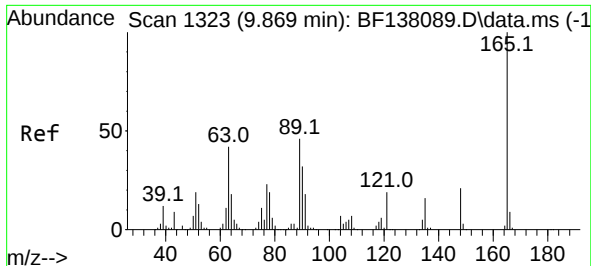
Tgt Ion:330 Resp: 305239
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 27.4 21.4 32.0



#45
2-Fluorobiphenyl
Concen: 76.543 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

Tgt Ion:172 Resp: 1395309
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 23.5 18.6 28.0

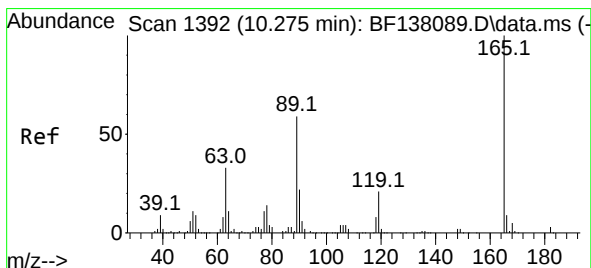
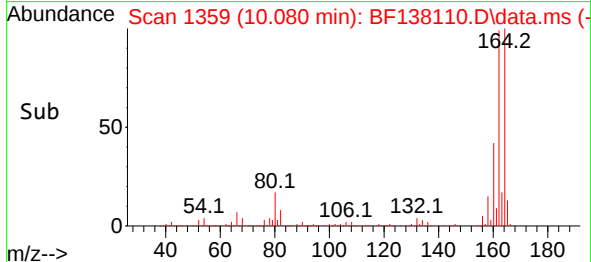
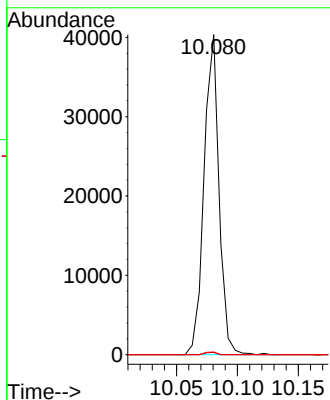
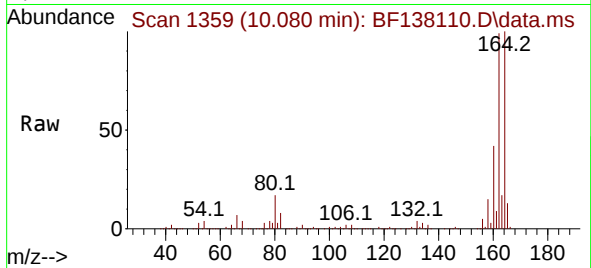




#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.211 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

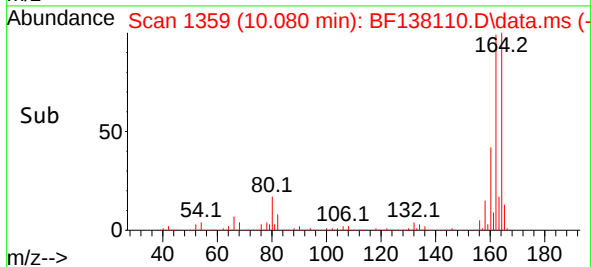
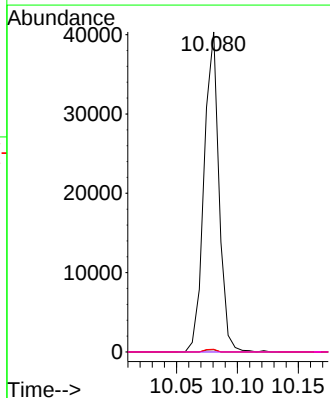
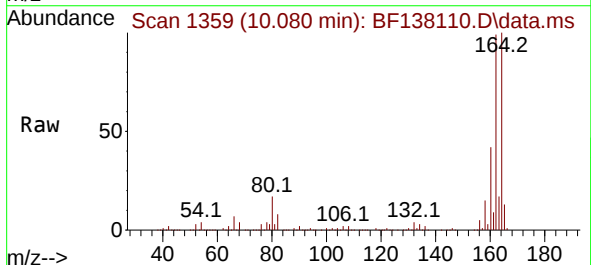
Instrument :
BNA_F
ClientSampleId :
MW-11

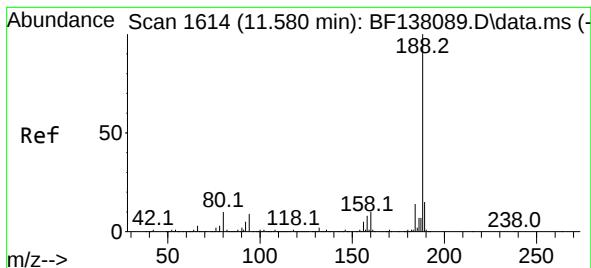
Tgt Ion:165 Resp: 34352
Ion Ratio Lower Upper
165 100
63 0.7 34.6 51.8#
89 0.9 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.337 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138110.D
Acq: 03 Jun 2024 16:56

Tgt Ion:165 Resp: 34352
Ion Ratio Lower Upper
165 100
63 0.7 27.4 41.0#
89 0.9 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: BF138110.D

Acq: 03 Jun 2024 16:56

Instrument :

BNA_F

ClientSampleId :

MW-11

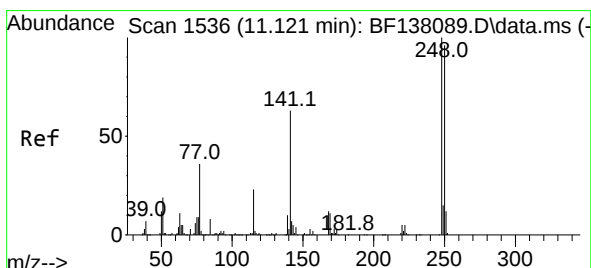
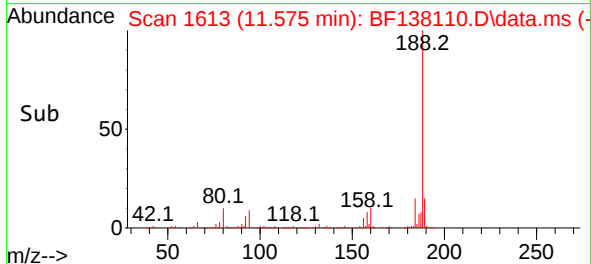
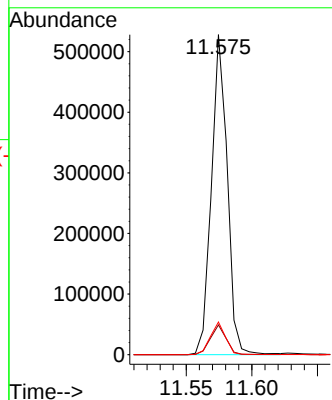
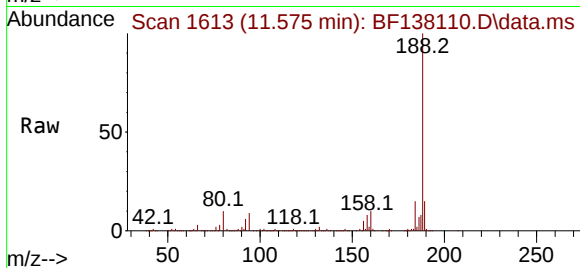
Tgt Ion:188 Resp: 444319

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 10.2 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 3.696 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138110.D

Acq: 03 Jun 2024 16:56

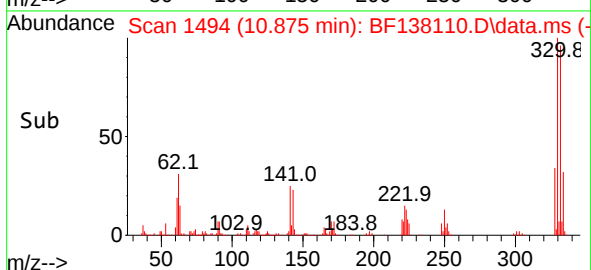
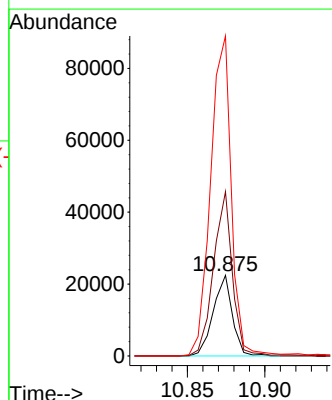
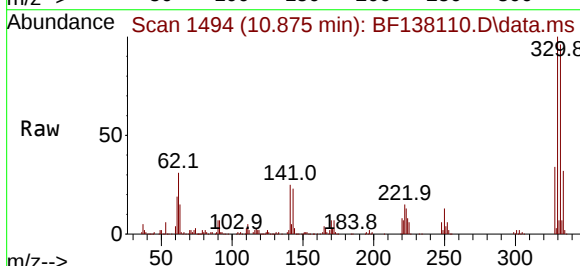
Tgt Ion:248 Resp: 19247

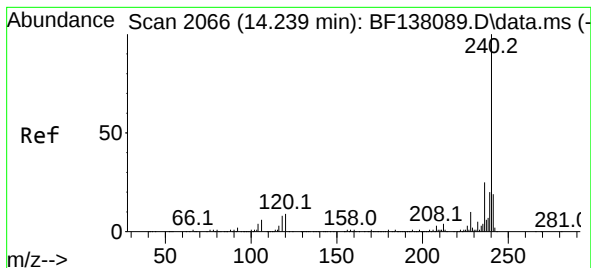
Ion Ratio Lower Upper

248 100

250 203.7 77.2 115.8#

141 396.9 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: BF138110.D

Acq: 03 Jun 2024 16:56

Instrument :

BNA_F

ClientSampleId :

MW-11

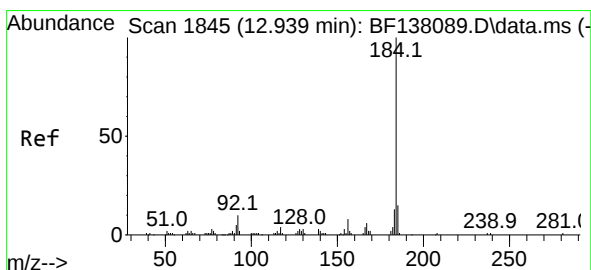
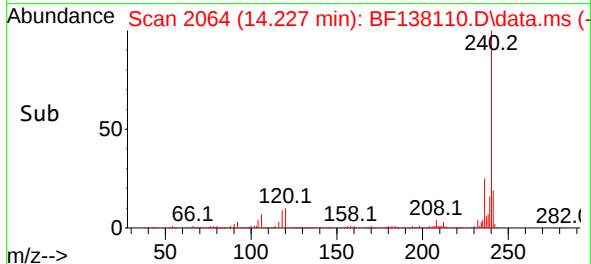
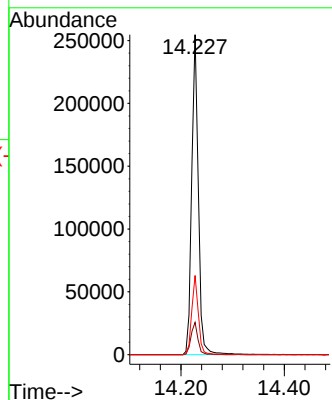
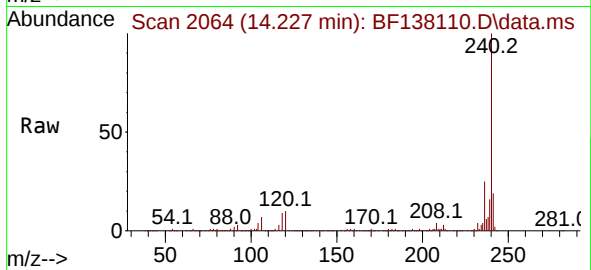
Tgt Ion:240 Resp: 227457

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

236 24.7 20.4 30.6



#77

Benzidine

Concen: 7.379 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.224 min

Lab File: BF138110.D

Acq: 03 Jun 2024 16:56

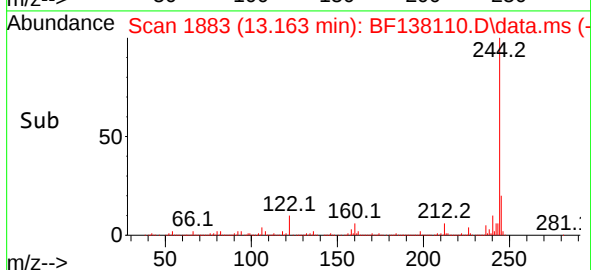
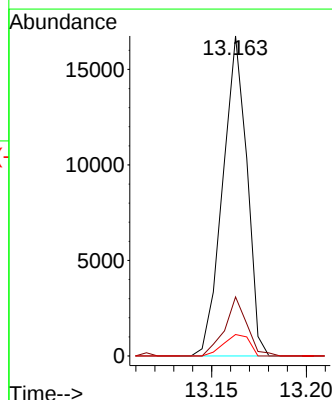
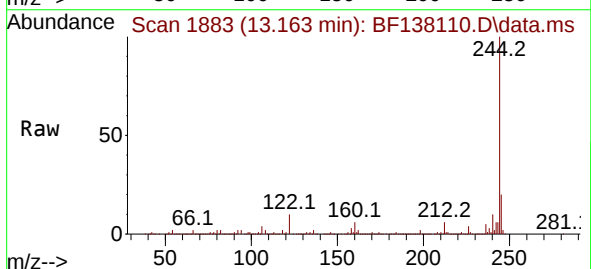
Tgt Ion:184 Resp: 14850

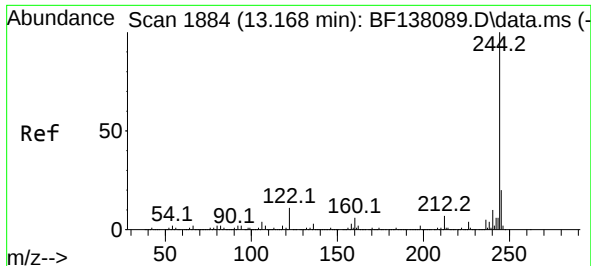
Ion Ratio Lower Upper

184 100

185 18.4 12.2 18.2#

183 6.7 10.2 15.4#

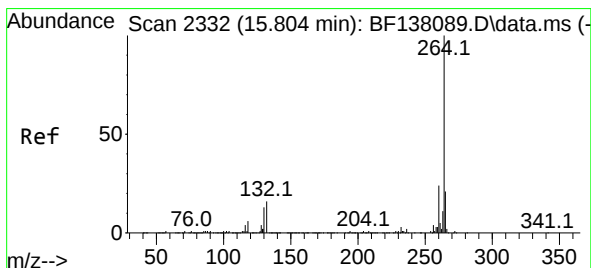
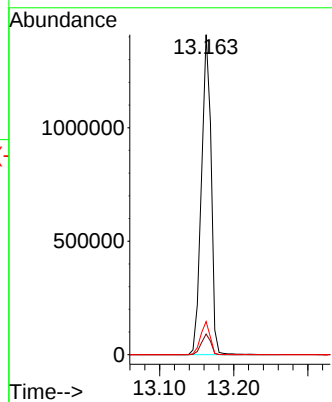
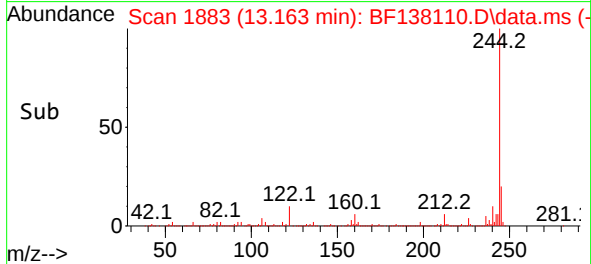
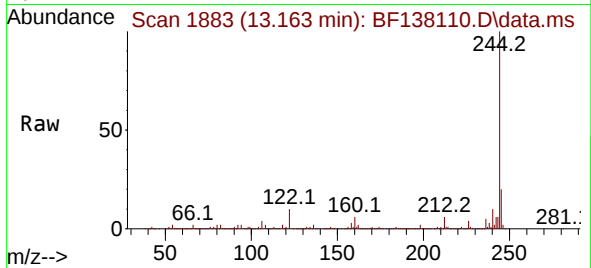




#79
 Terphenyl-d14
 Concen: 81.107 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: BF138110.D
 Acq: 03 Jun 2024 16:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 1275392
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.3 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: BF138110.D
 Acq: 03 Jun 2024 16:56

Tgt Ion:264 Resp: 251246
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 20.7 16.7 25.1

