

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138109.D
 Acq On : 03 Jun 2024 16:26
 Operator : CG\JU
 Sample : P2660-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jun 03 16:54:18 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)

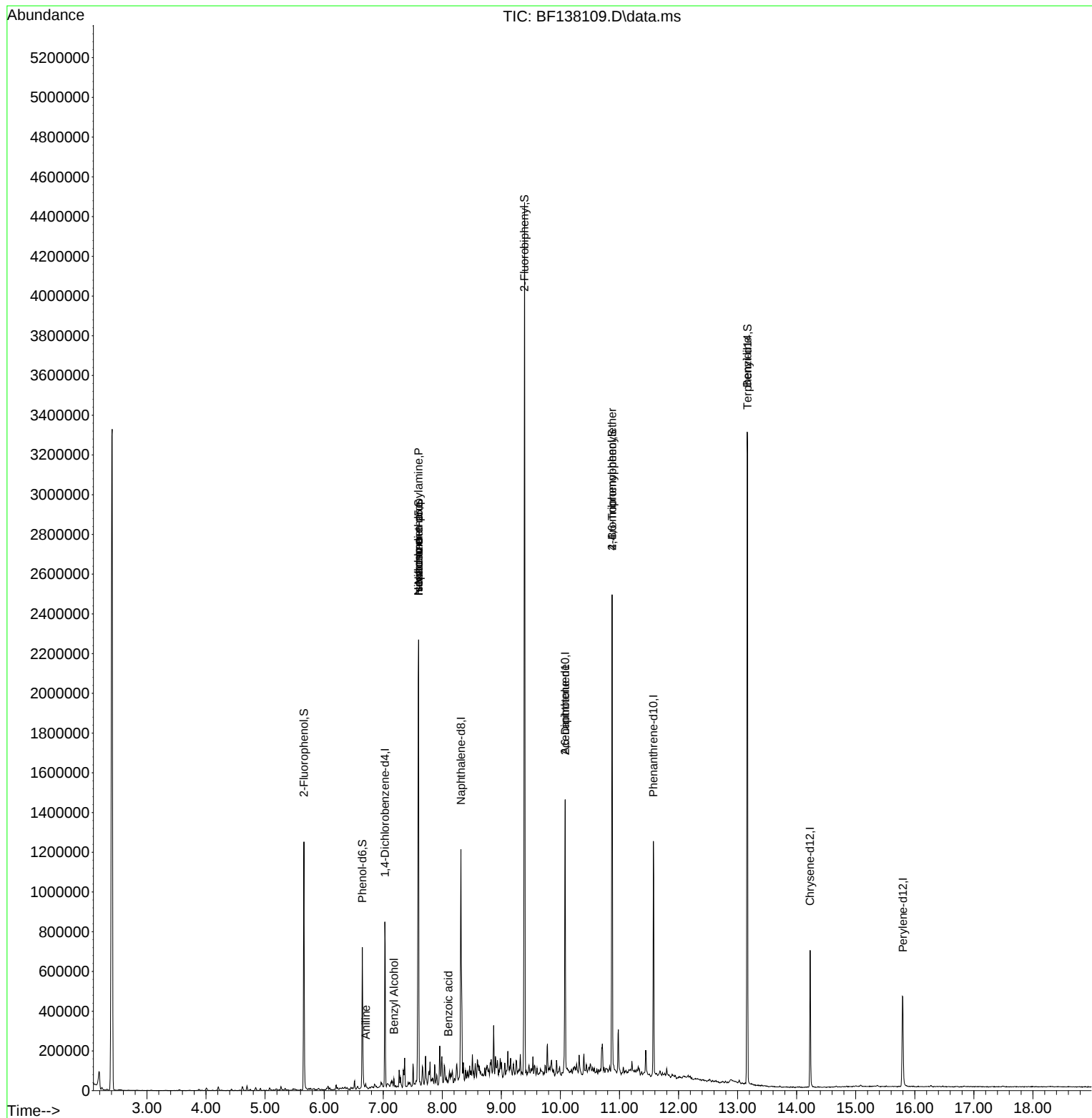
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.028	152	125743	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	478403	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	269706	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	443629	20.000	ng	0.00
76) Chrysene-d12	14.227	240	230769	20.000	ng	-0.01
86) Perylene-d12	15.798	264	253934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	350624	49.847	ng	0.00
7) Phenol-d6	6.646	99	260356	28.743	ng	-0.02
23) Nitrobenzene-d5	7.598	82	632904	77.089	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	321080	102.061	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1399205	76.901	ng	0.00
79) Terphenyl-d14	13.169	244	1290555	80.894	ng	0.00
Target Compounds						
					Qvalue	
6) Aniline	6.704	93	165	3.962	ng	# 1
15) Benzyl Alcohol	7.181	79	1304	5.385	ng	# 16
18) Hexachloroethane	7.598	117	166542	52.012	ng	# 1
19) n-Nitroso-di-n-propyla...	7.598	70	82680	15.741	ng	# 78
25) Isophorone	7.598	82	631621	44.592	ng	# 62
32) Benzoic acid	8.104	122	1306	8.051	ng	# 51
51) 2,6-Dinitrotoluene	10.081	165	36333	8.855	ng	# 36
67) 4-Bromophenyl-phenylether	10.875	248	19991	3.844	ng	# 1
77) Benzidine	13.163	184	15207	7.420	ng	# 88

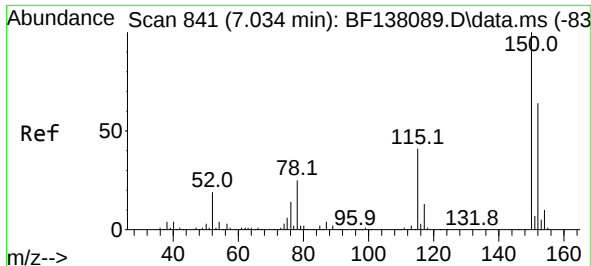
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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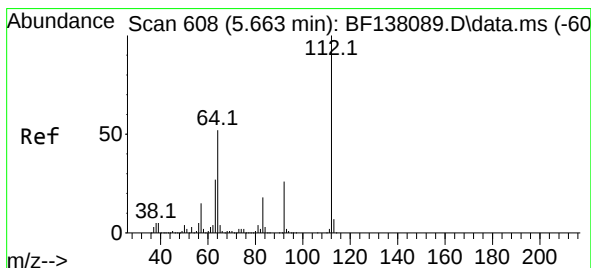
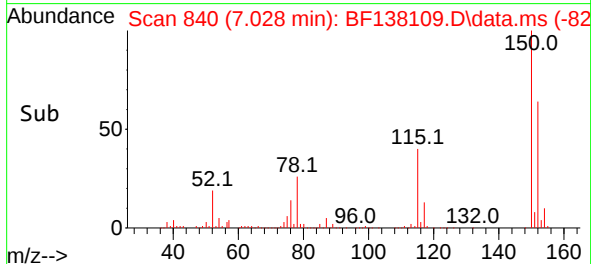
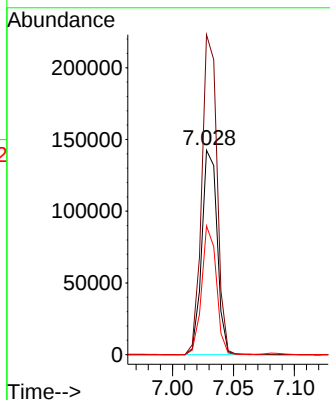
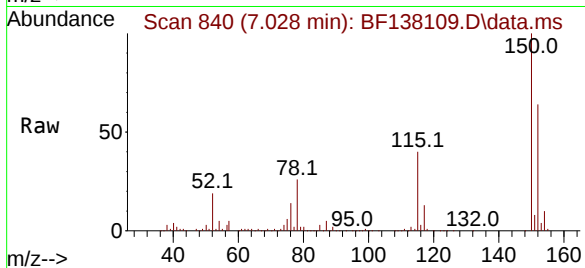




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

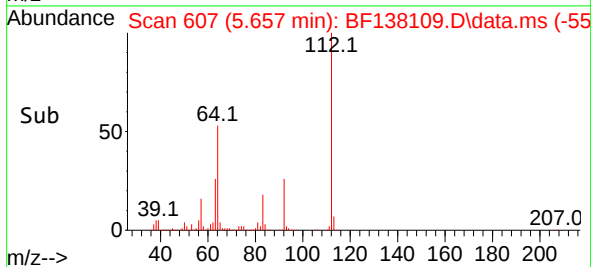
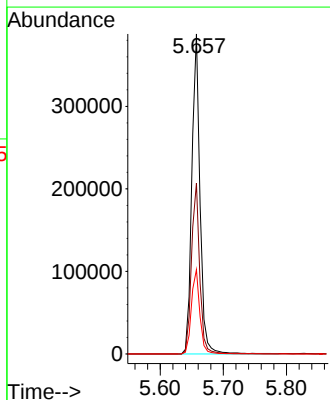
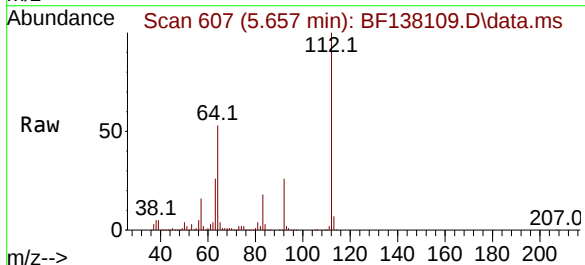
Instrument :
BNA_F
ClientSampleId :
MW-10

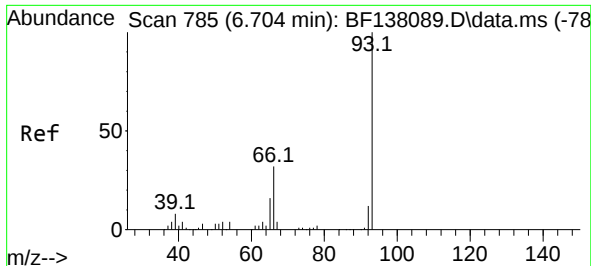
Tgt Ion:152 Resp: 125743
Ion Ratio Lower Upper
152 100
150 156.5 125.4 188.0
115 63.0 51.6 77.4



#5
2-Fluorophenol
Concen: 49.847 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

Tgt Ion:112 Resp: 350624
Ion Ratio Lower Upper
112 100
64 53.4 41.4 62.2
63 26.4 21.5 32.3





#6

Aniline

Concen: 3.962 ng

RT: 6.704 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

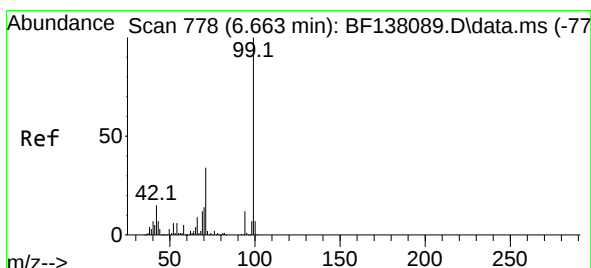
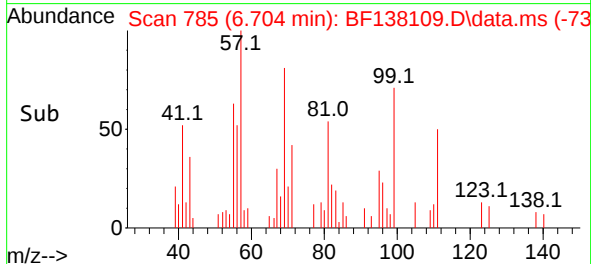
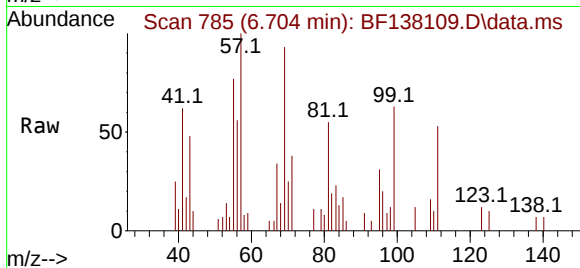
Tgt Ion: 93 Resp: 165

Ion Ratio Lower Upper

93 100

66 94.4 30.4 45.6#

65 101.9 16.2 24.4#



#7

Phenol-d6

Concen: 28.743 ng

RT: 6.646 min Scan# 775

Delta R.T. -0.017 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

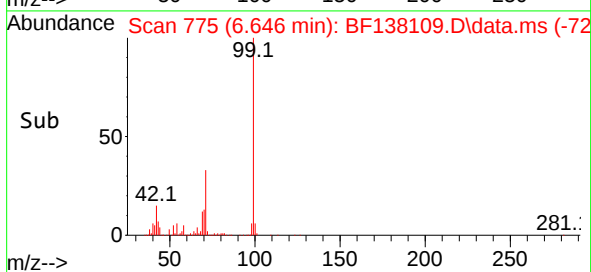
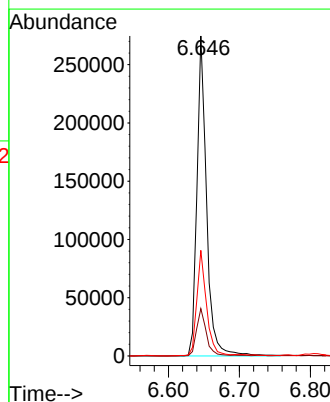
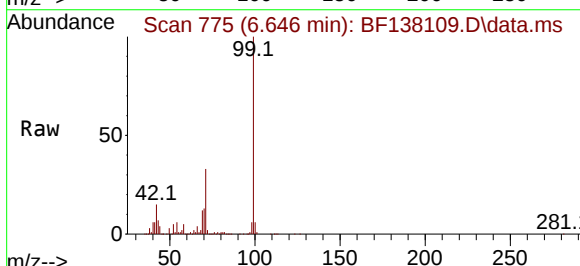
Tgt Ion: 99 Resp: 260356

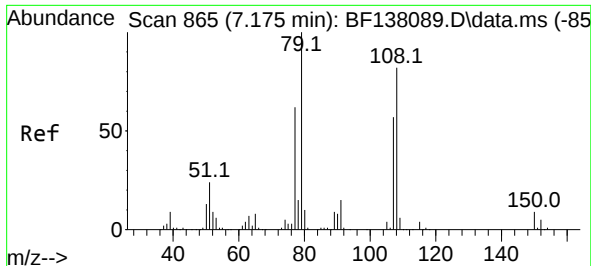
Ion Ratio Lower Upper

99 100

42 14.8 11.9 17.9

71 33.0 26.8 40.2





#15

Benzyl Alcohol

Concen: 5.385 ng

RT: 7.181 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

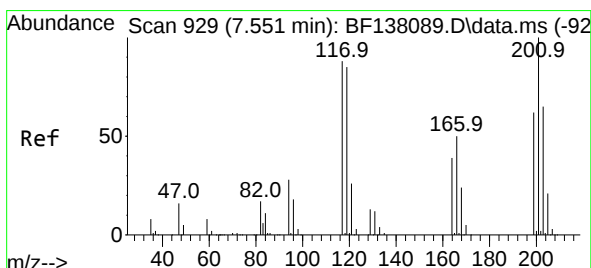
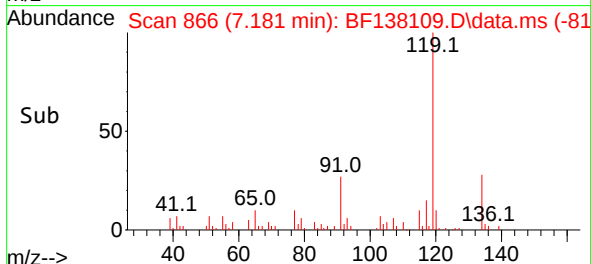
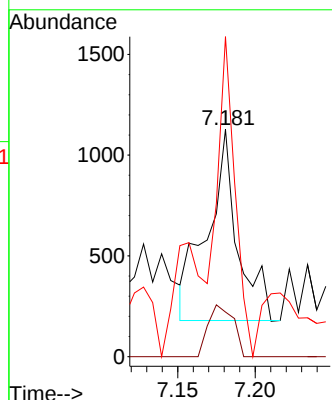
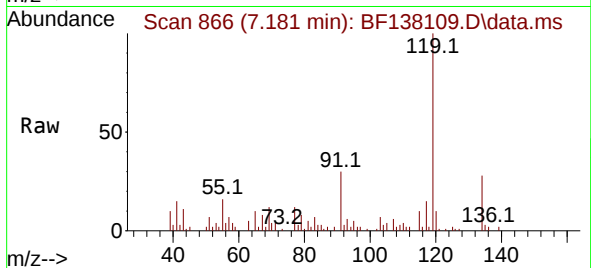
Tgt Ion: 79 Resp: 1304

Ion Ratio Lower Upper

79 100

108 19.6 65.5 98.3#

77 140.8 49.6 74.4#



#18

Hexachloroethane

Concen: 52.012 ng

RT: 7.598 min Scan# 937

Delta R.T. 0.047 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

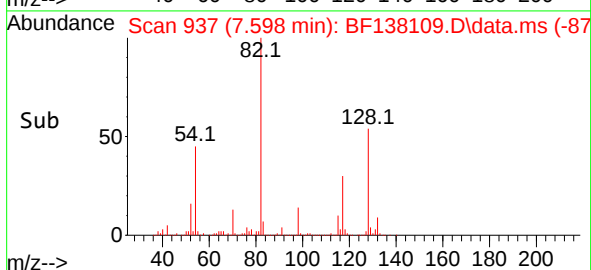
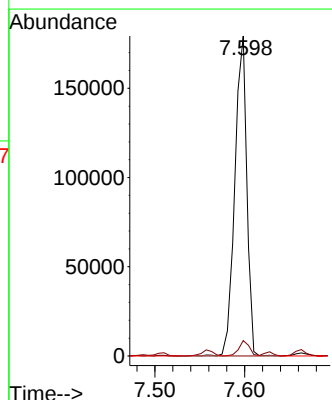
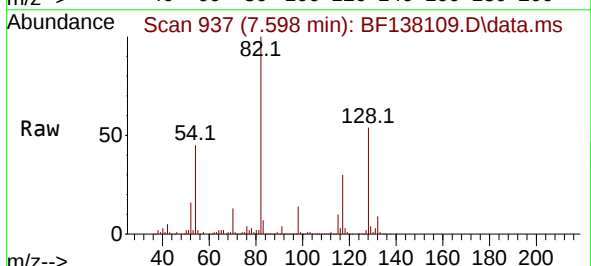
Tgt Ion: 117 Resp: 166542

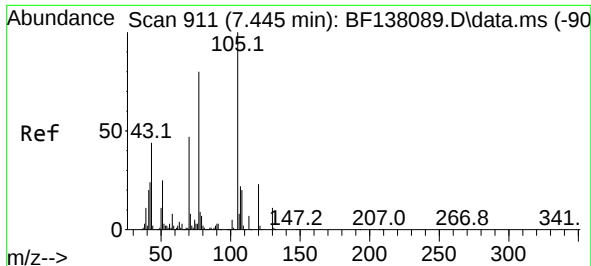
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

201 0.0 90.8 136.2#

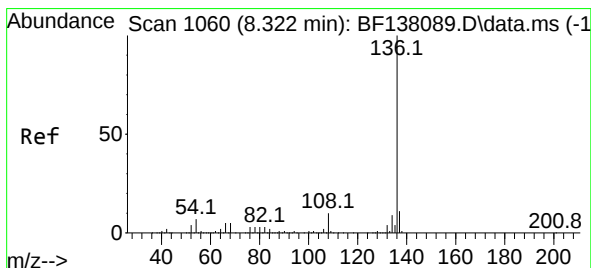
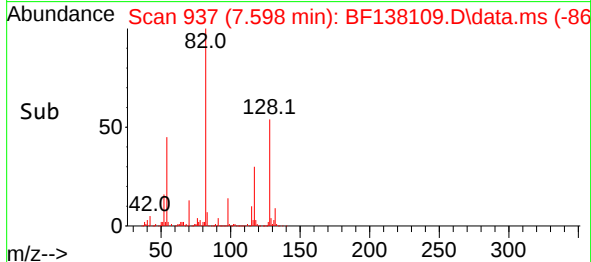
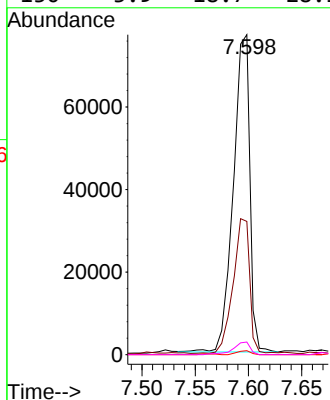
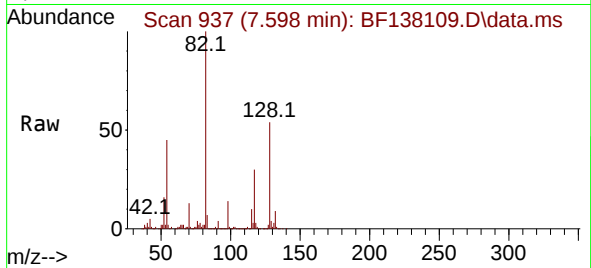




#19
n-Nitroso-di-n-propylamine
Concen: 15.741 ng
RT: 7.598 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

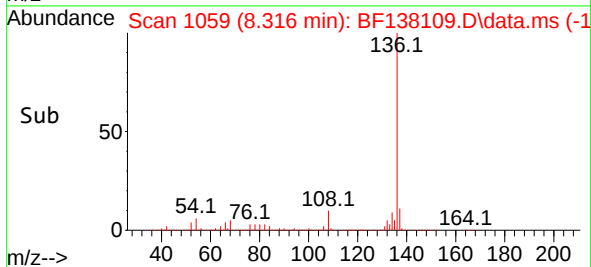
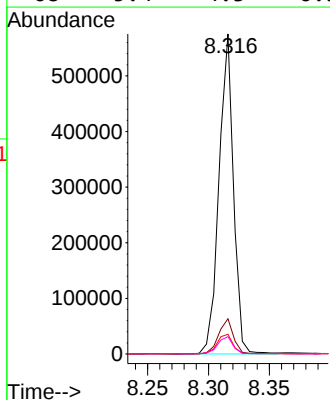
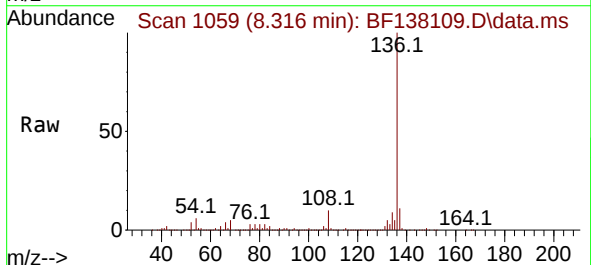
Instrument :
BNA_F
ClientSampleId :
MW-10

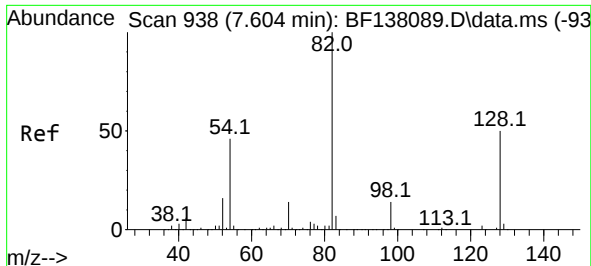
Tgt Ion: 70 Resp: 82680
Ion Ratio Lower Upper
70 100
42 41.6 41.4 62.0
101 1.2 8.1 12.1#
130 3.9 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

Tgt Ion:136 Resp: 478403
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.2 5.4 8.0
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 77.089 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

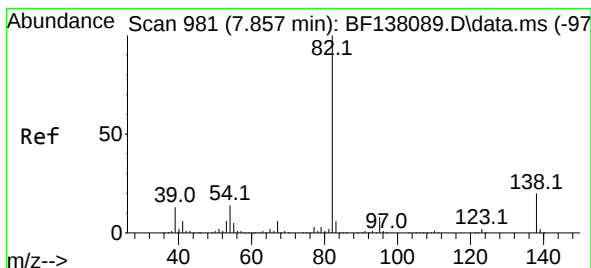
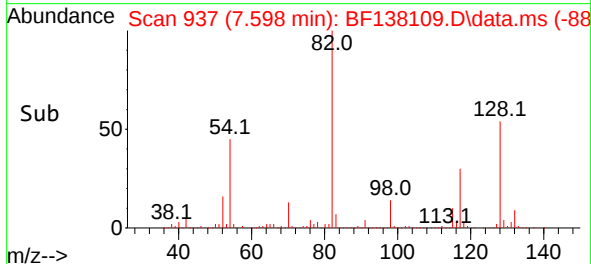
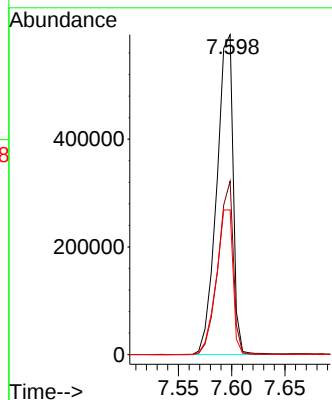
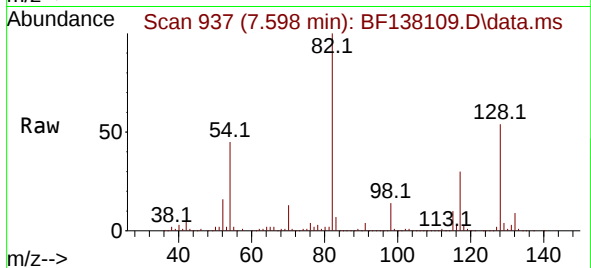
Tgt Ion: 82 Resp: 632904

Ion Ratio Lower Upper

82 100

128 54.2 39.9 59.9

54 45.2 37.0 55.4



#25

Isophorone

Concen: 44.592 ng

RT: 7.598 min Scan# 937

Delta R.T. -0.259 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

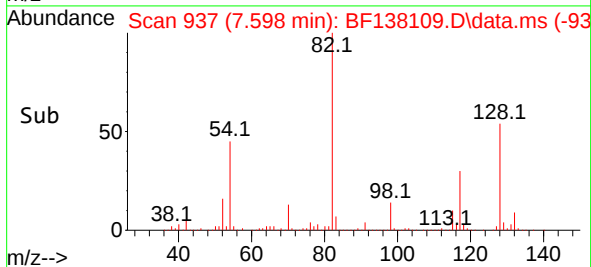
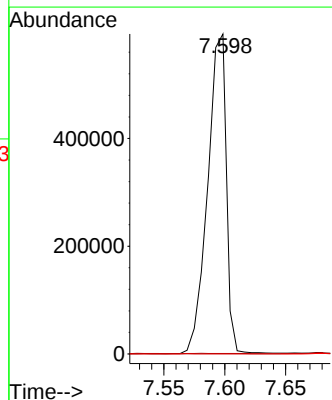
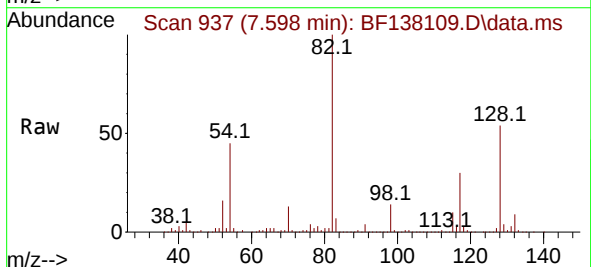
Tgt Ion: 82 Resp: 631621

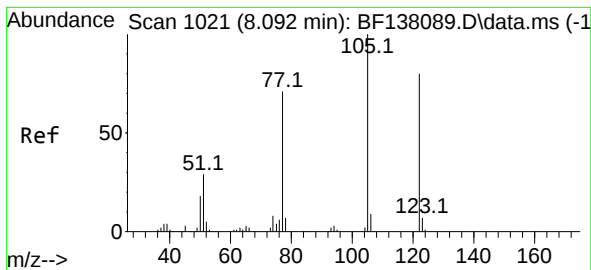
Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 16.2 24.2#





#32

Benzoic acid

Concen: 8.051 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

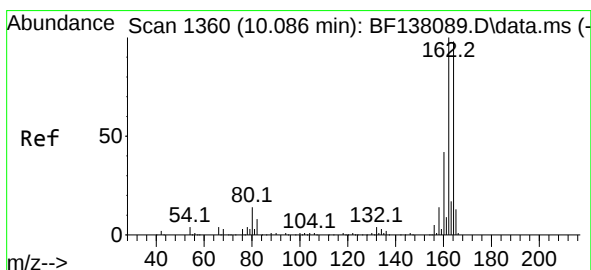
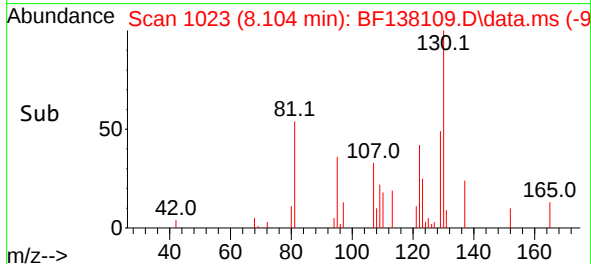
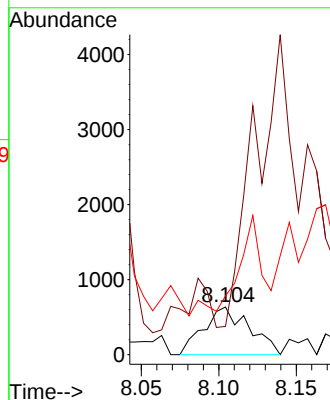
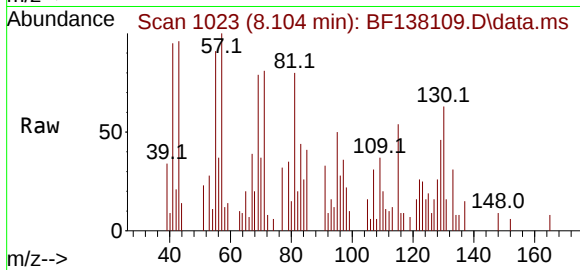
Tgt Ion:122 Resp: 1306

Ion Ratio Lower Upper

122 100

105 59.3 102.3 142.3#

77 123.1 67.6 107.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

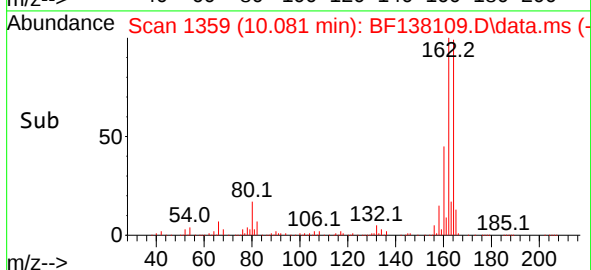
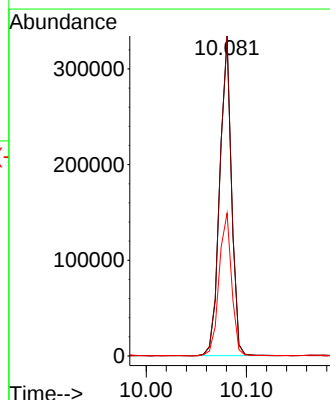
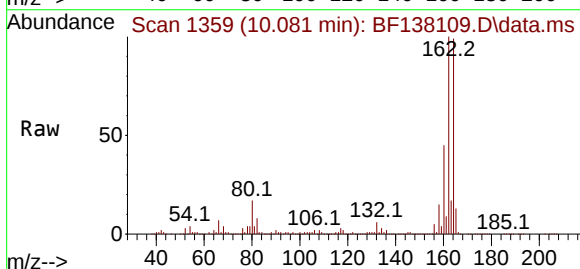
Tgt Ion:164 Resp: 269706

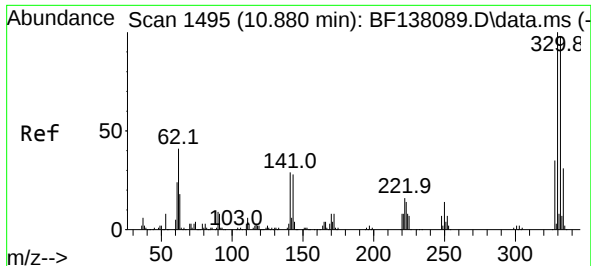
Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

160 45.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 102.061 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

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MW-10

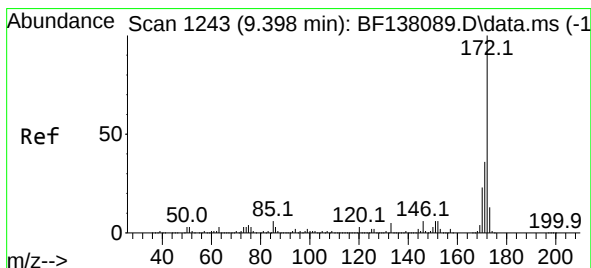
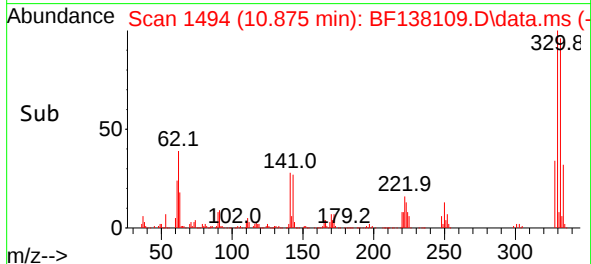
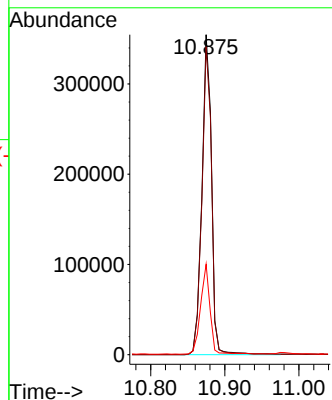
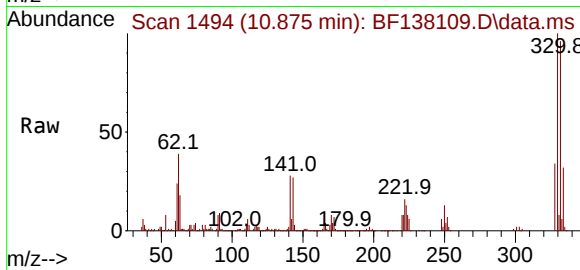
Tgt Ion:330 Resp: 321080

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 27.4 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 76.901 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

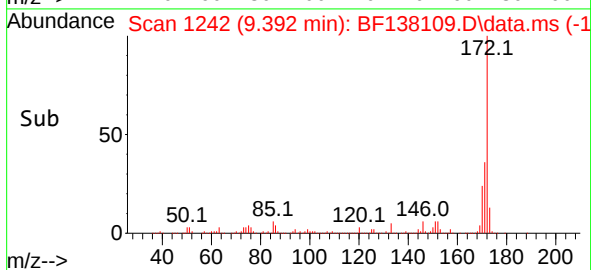
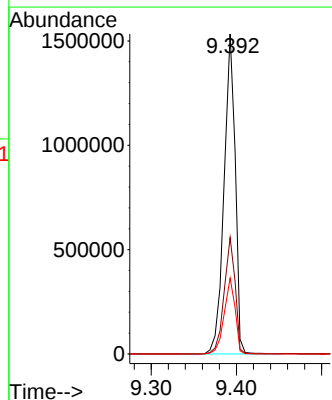
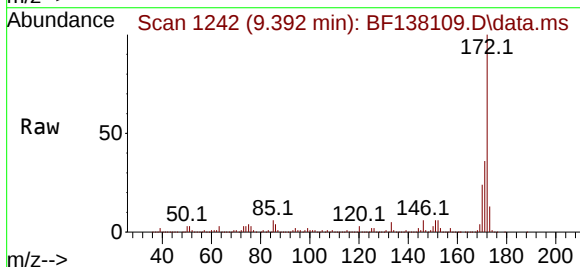
Tgt Ion:172 Resp: 1399205

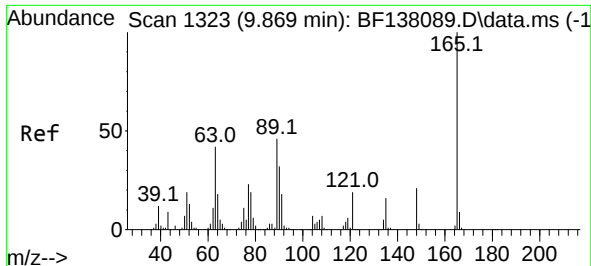
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 23.7 18.6 28.0

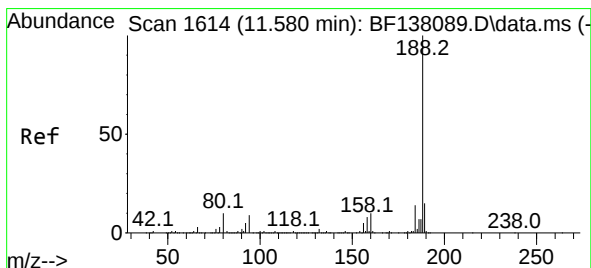
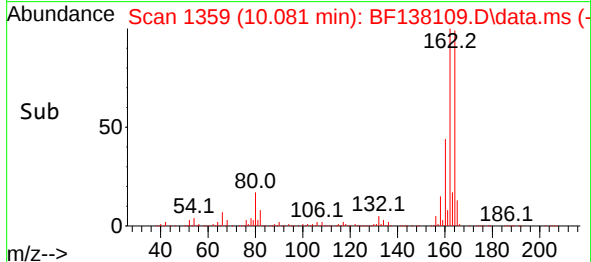
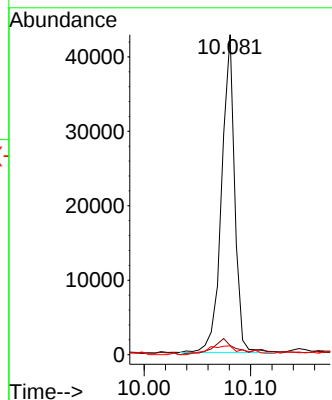
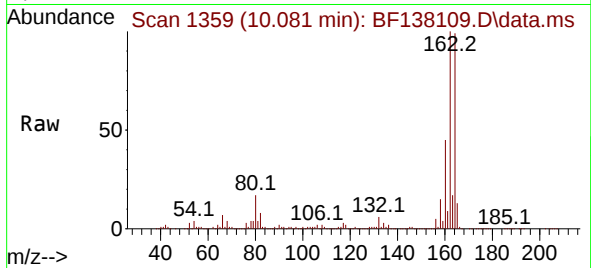




#51
2,6-Dinitrotoluene
Concen: 8.855 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

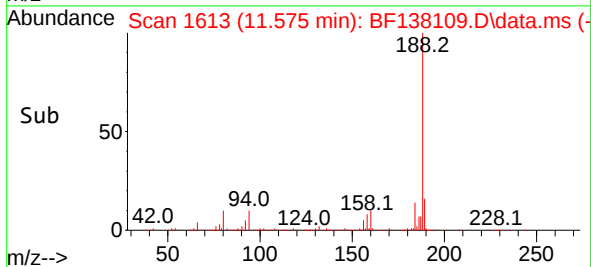
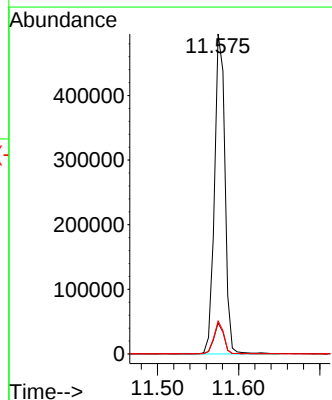
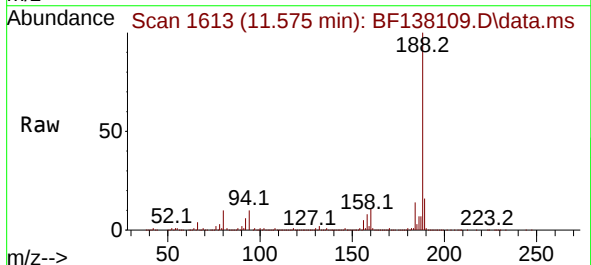
Instrument :
BNA_F
ClientSampleId :
MW-10

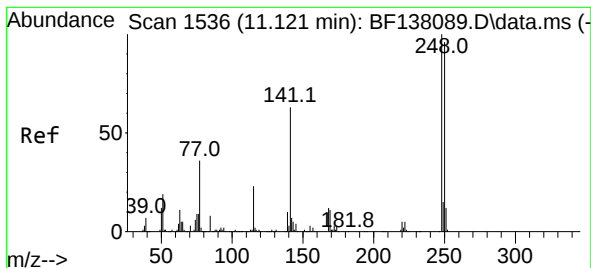
Tgt Ion:165 Resp: 36333
Ion Ratio Lower Upper
165 100
63 2.9 34.6 51.8#
89 2.8 36.6 55.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

Tgt Ion:188 Resp: 443629
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.3 7.8 11.8

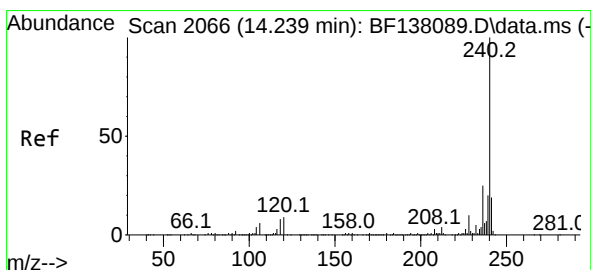
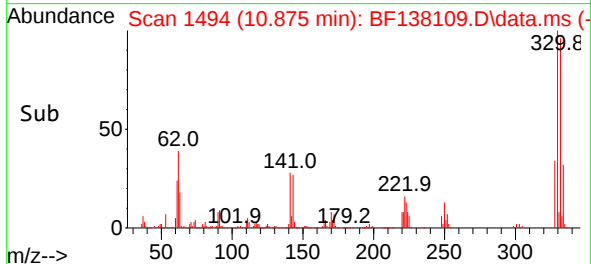
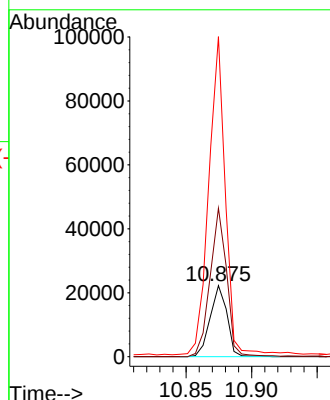
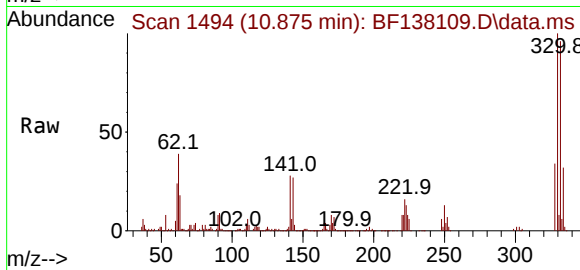




#67
4-Bromophenyl-phenylether
Concen: 3.844 ng
RT: 10.875 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

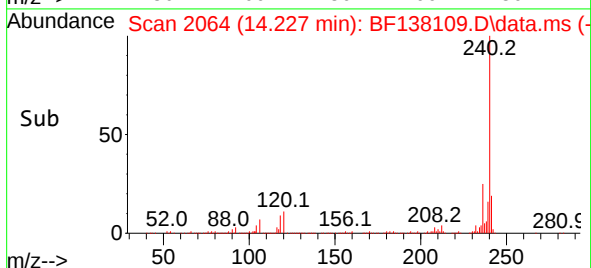
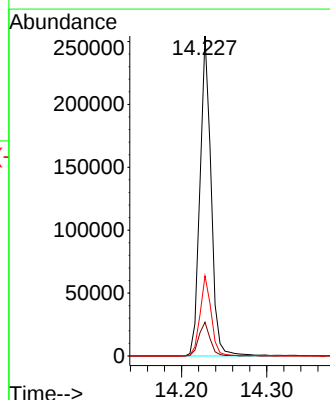
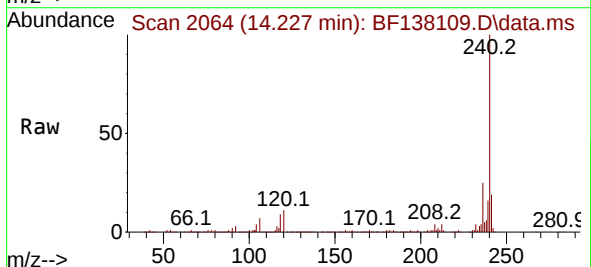
Instrument :
BNA_F
ClientSampleId :
MW-10

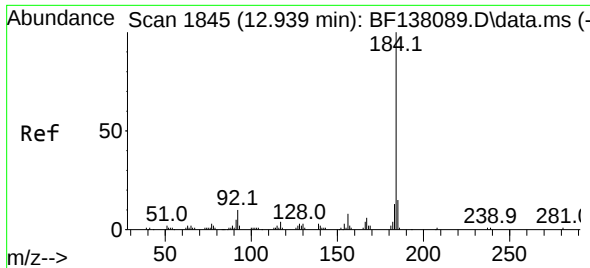
Tgt Ion:248 Resp: 19991
Ion Ratio Lower Upper
248 100
250 209.1 77.2 115.8#
141 450.7 50.6 76.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

Tgt Ion:240 Resp: 230769
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.0 20.4 30.6

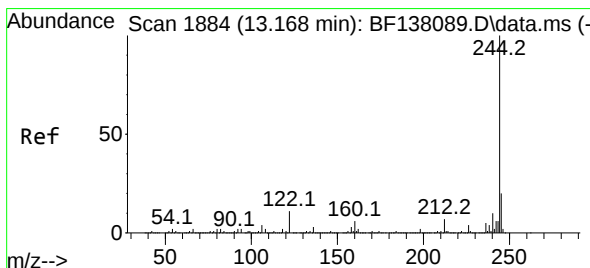
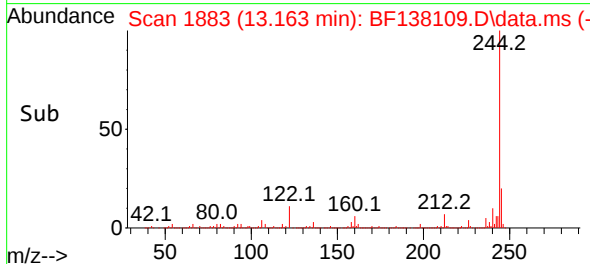
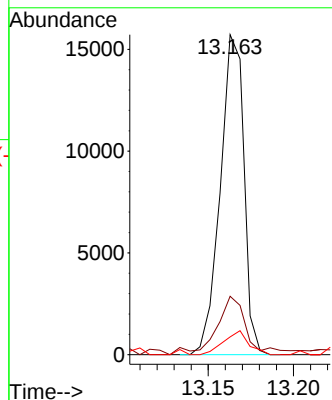
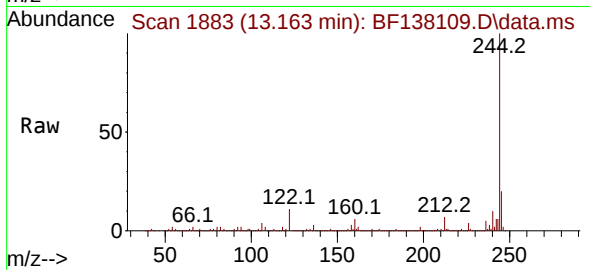




#77
Benzidine
Concen: 7.420 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.224 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

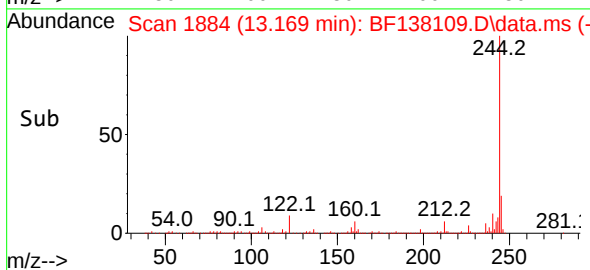
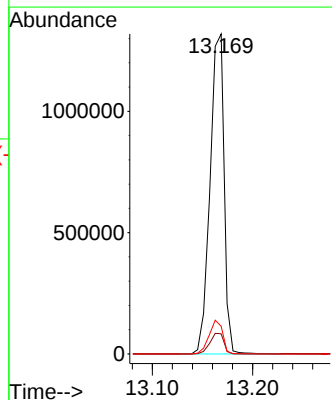
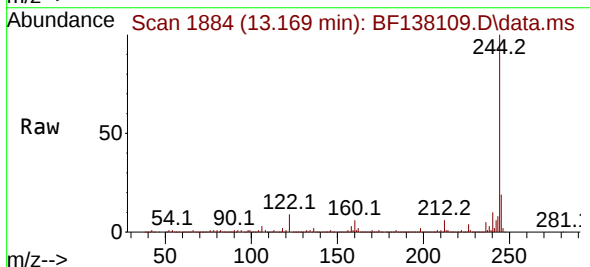
Instrument :
BNA_F
ClientSampleId :
MW-10

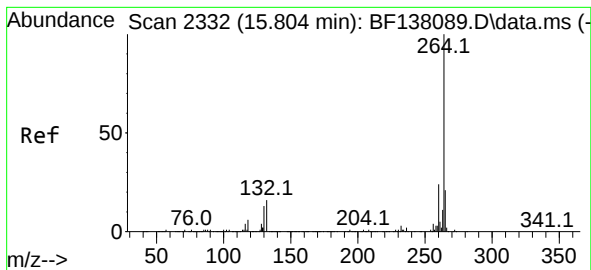
Tgt Ion:184 Resp: 15207
Ion Ratio Lower Upper
184 100
185 18.2 12.2 18.2#
183 5.6 10.2 15.4#



#79
Terphenyl-d14
Concen: 80.894 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BF138109.D
Acq: 03 Jun 2024 16:26

Tgt Ion:244 Resp: 1290555
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 8.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138109.D
 Acq: 03 Jun 2024 16:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:264 Resp: 253934
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 21.4 16.7 25.1

