

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138106.D
 Acq On : 03 Jun 2024 14:57
 Operator : CG\JU
 Sample : P2661-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1COMP(8-16)

Quant Time: Jun 03 15:41:30 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)

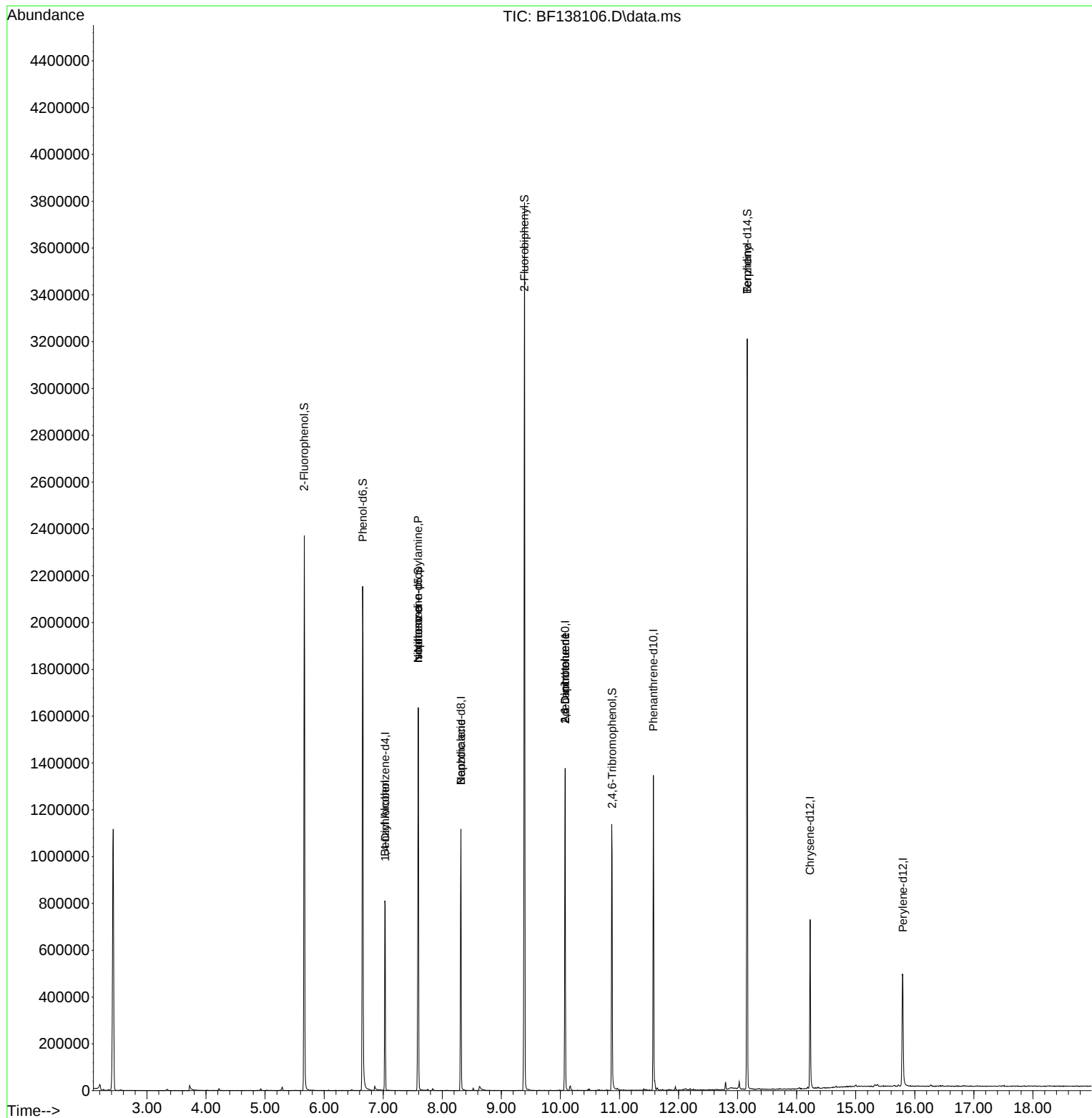
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	130291	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	508306	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	286191	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	474742	20.000	ng	0.00
76) Chrysene-d12	14.227	240	240837	20.000	ng	-0.01
86) Perylene-d12	15.798	264	266151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	718944	98.641	ng	0.00
7) Phenol-d6	6.651	99	902637	96.173	ng	-0.01
23) Nitrobenzene-d5	7.593	82	546634	62.664	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	162534	48.688	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1201656	62.239	ng	0.00
79) Terphenyl-d14	13.163	244	1098448	65.974	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.028	79	3248	5.785	ng	# 28
19) n-Nitroso-di-n-propyla...	7.593	70	71806	13.194	ng	# 76
25) Isophorone	7.593	82	546626	36.321	ng	# 62
32) Benzoic acid	8.316	122	68	7.799	ng	# 1
51) 2,6-Dinitrotoluene	10.081	165	37070	8.514	ng	# 33
57) 2,4-Dinitrotoluene	10.081	165	37070	6.457	ng	# 32
77) Benzidine	13.163	184	12712	6.544	ng	# 91

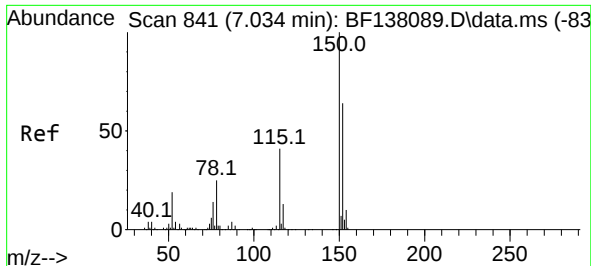
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B1COMP(8-16)

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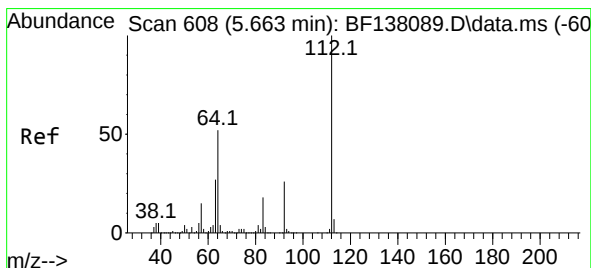
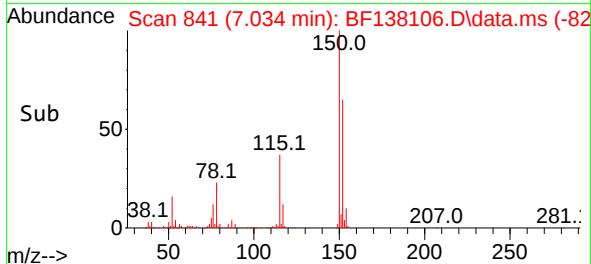
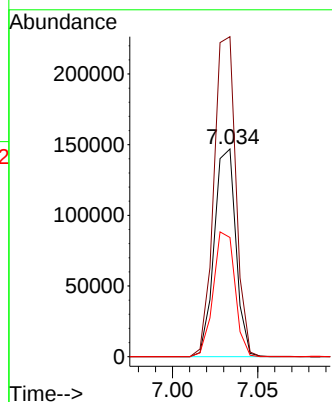
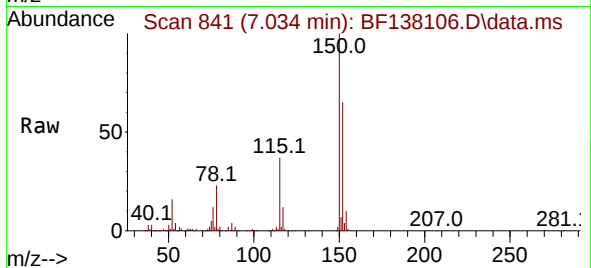




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BF138106.D
 Acq: 03 Jun 2024 14:57

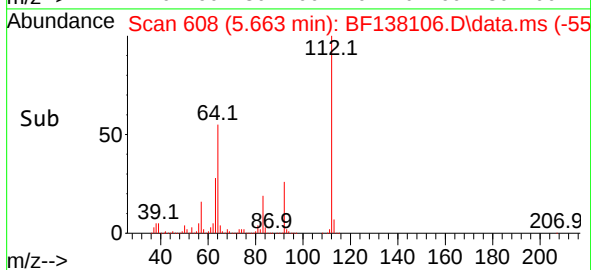
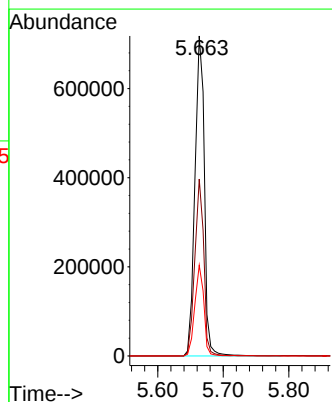
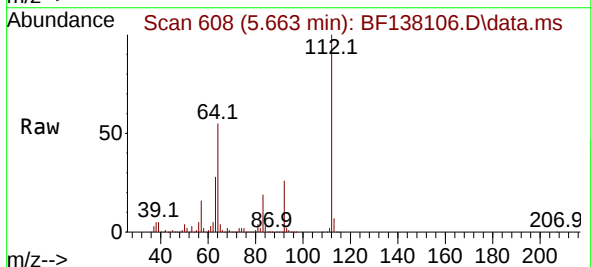
Instrument :
 BNA_F
 ClientSampleId :
 B1COMP(8-16)

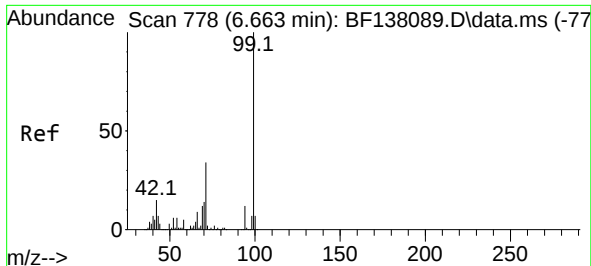
Tgt Ion:152 Resp: 130291
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.4 188.0
 115 57.4 51.6 77.4



#5
 2-Fluorophenol
 Concen: 98.641 ng
 RT: 5.663 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: BF138106.D
 Acq: 03 Jun 2024 14:57

Tgt Ion:112 Resp: 718944
 Ion Ratio Lower Upper
 112 100
 64 55.3 41.4 62.2
 63 28.3 21.5 32.3

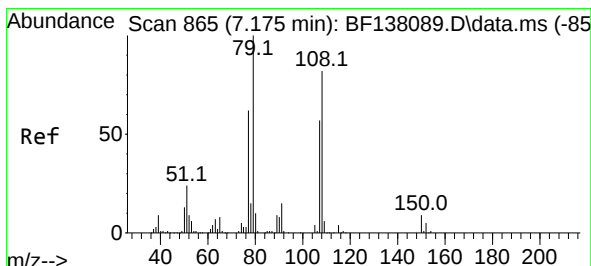
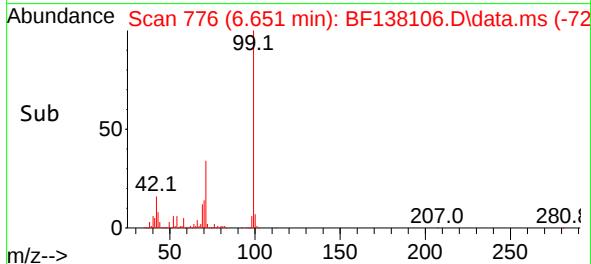
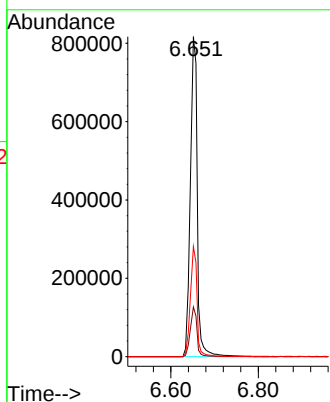
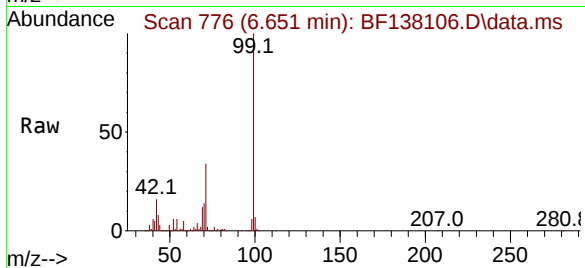




#7
Phenol-d6
Concen: 96.173 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

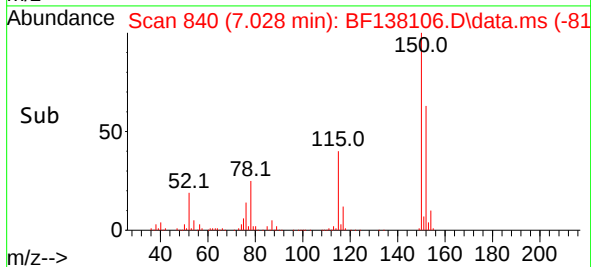
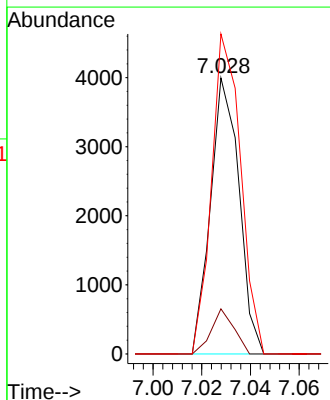
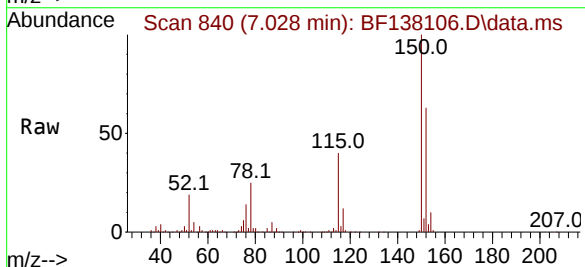
Instrument :
BNA_F
ClientSampleId :
B1COMP(8-16)

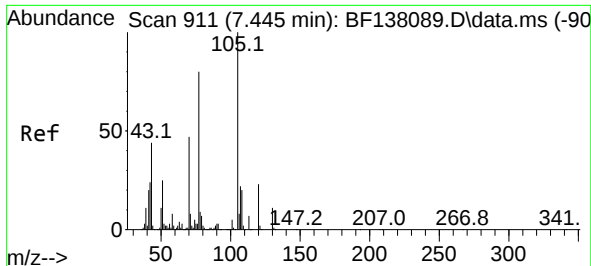
Tgt Ion: 99 Resp: 902637
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 34.4 26.8 40.2



#15
Benzyl Alcohol
Concen: 5.785 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.147 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

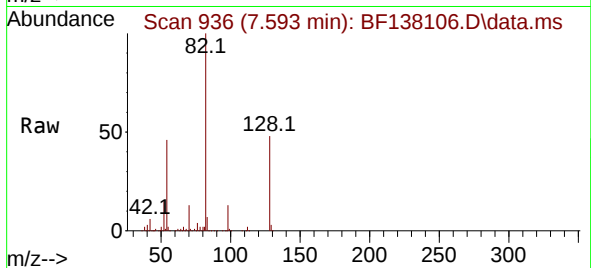
Tgt Ion: 79 Resp: 3248
Ion Ratio Lower Upper
79 100
108 16.3 65.5 98.3#
77 115.9 49.6 74.4#



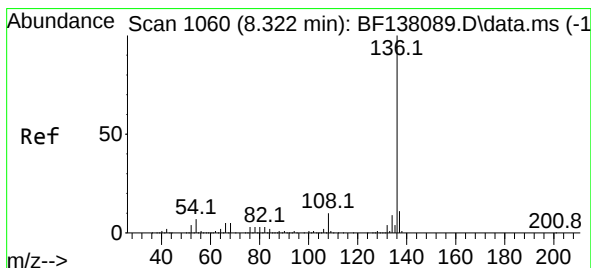
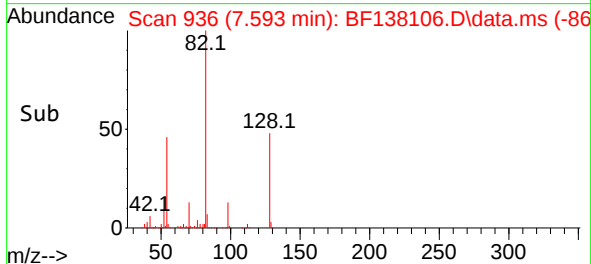
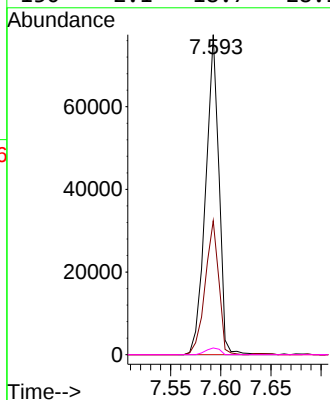


#19
n-Nitroso-di-n-propylamine
Concen: 13.194 ng
RT: 7.593 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

Instrument :
BNA_F
ClientSampleId :
B1COMP(8-16)

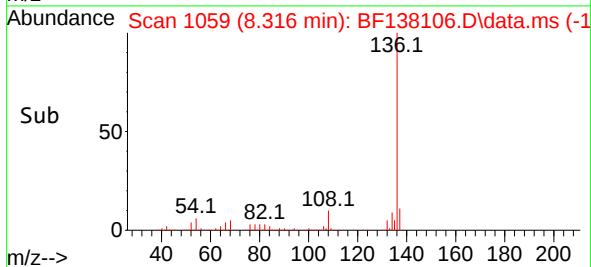
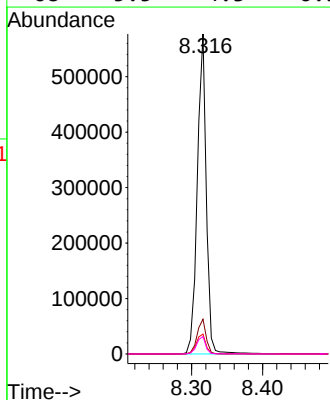
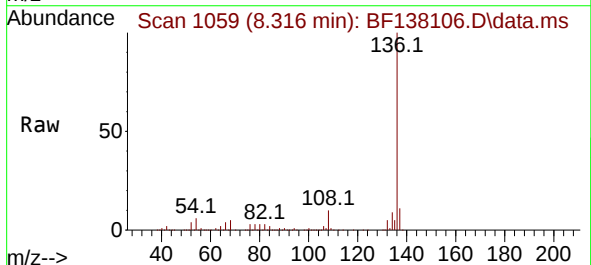


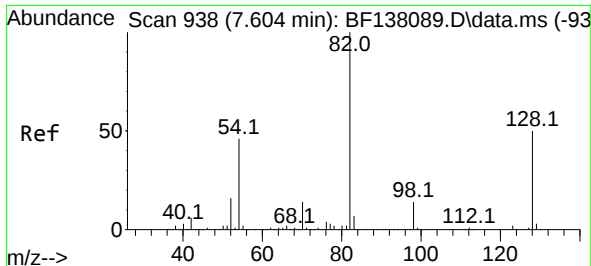
Tgt Ion: 70 Resp: 71806
Ion Ratio Lower Upper
70 100
42 41.8 41.4 62.0
101 0.0 8.1 12.1#
130 2.1 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

Tgt Ion: 136 Resp: 508306
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.2 5.4 8.0
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 62.664 ng

RT: 7.593 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138106.D

Acq: 03 Jun 2024 14:57

Instrument :

BNA_F

ClientSampleId :

B1COMP(8-16)

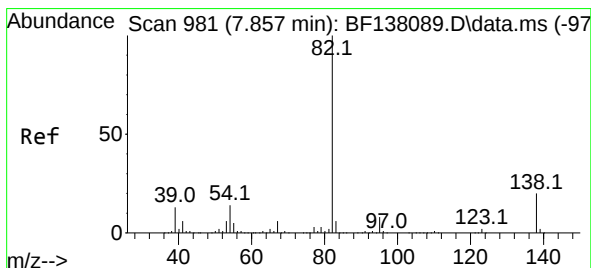
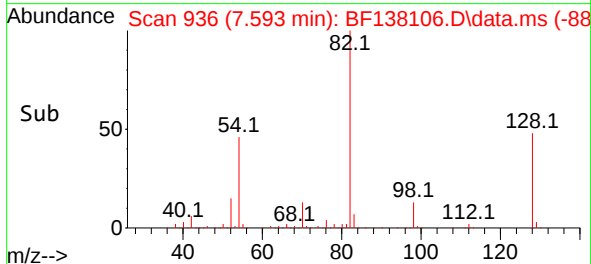
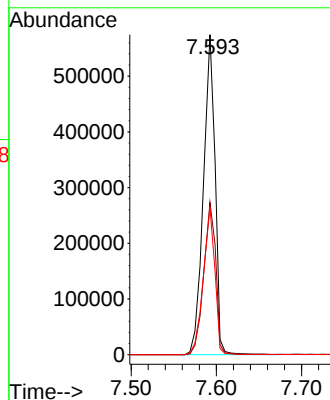
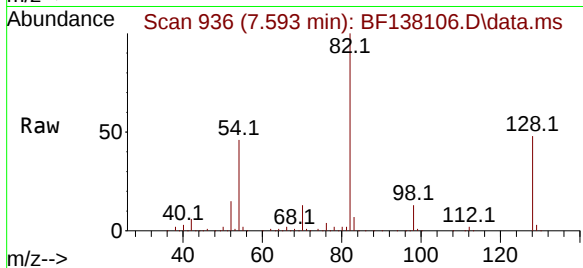
Tgt Ion: 82 Resp: 546634

Ion Ratio Lower Upper

82 100

128 47.6 39.9 59.9

54 46.1 37.0 55.4



#25

Isophorone

Concen: 36.321 ng

RT: 7.593 min Scan# 936

Delta R.T. -0.264 min

Lab File: BF138106.D

Acq: 03 Jun 2024 14:57

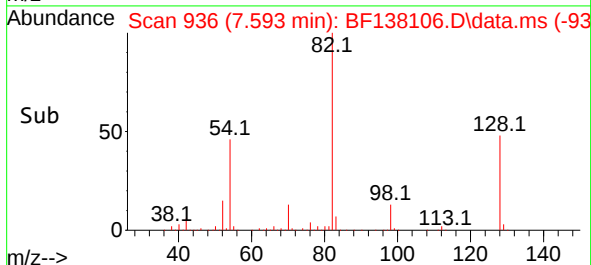
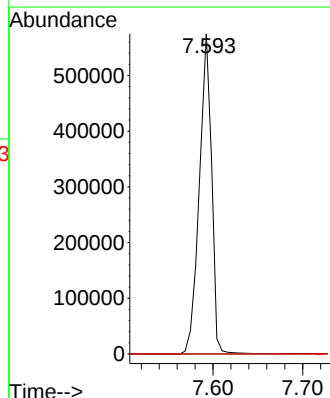
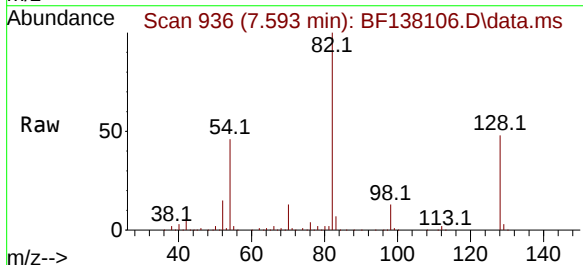
Tgt Ion: 82 Resp: 546626

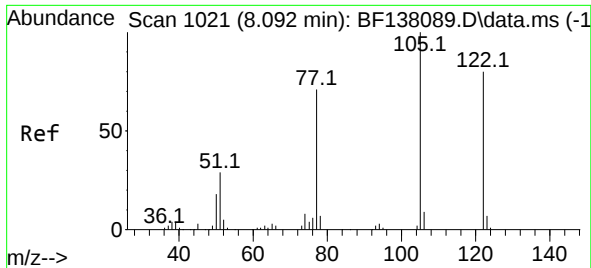
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 16.2 24.2#

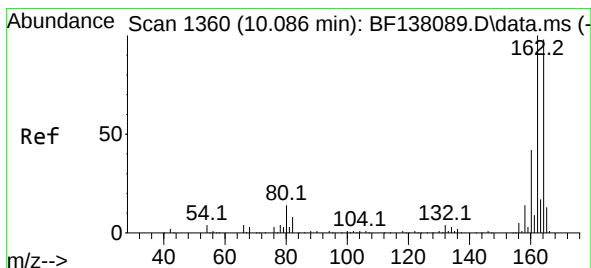
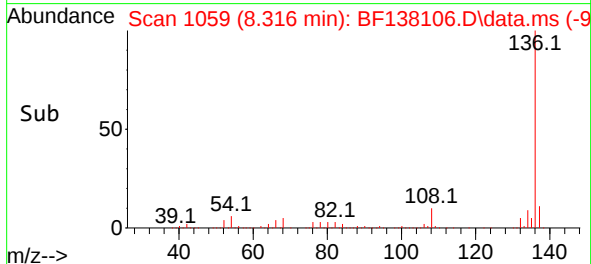
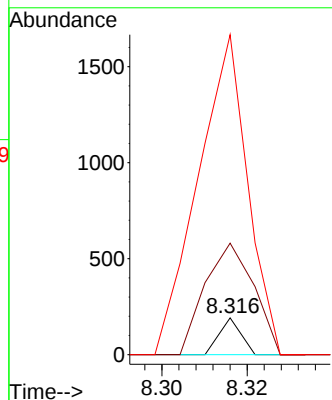
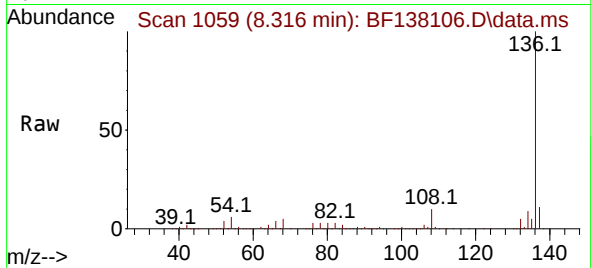




#32
Benzoic acid
Concen: 7.799 ng
RT: 8.316 min Scan# 1021
Delta R.T. 0.224 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

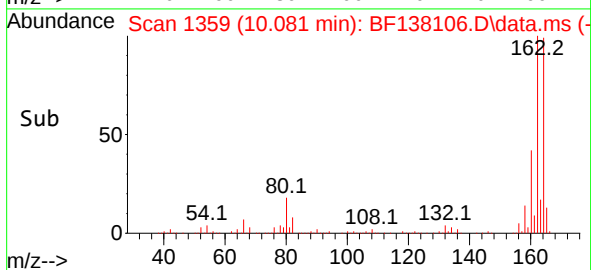
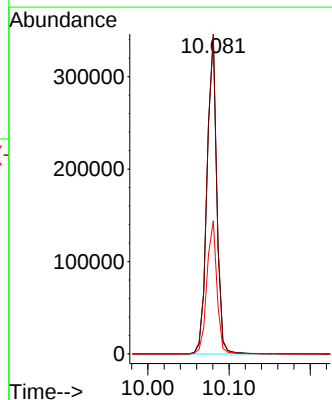
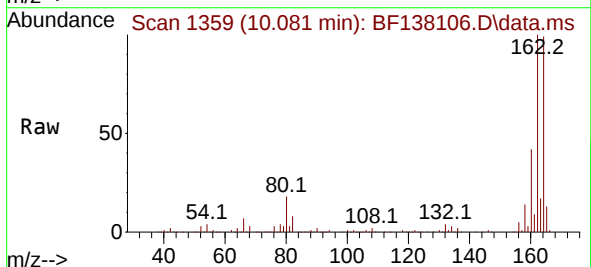
Instrument :
BNA_F
ClientSampleId :
B1COMP(8-16)

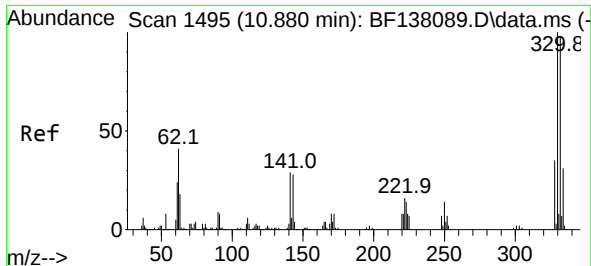
Tgt Ion:	122	Resp:	68
Ion	Ratio	Lower	Upper
122	100		
105	302.6	102.3	142.3#
77	868.2	67.6	107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

Tgt Ion:	164	Resp:	286191
Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.7	122.5
160	42.0	34.5	51.7





#42

2,4,6-Tribromophenol

Concen: 48.688 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138106.D

Acq: 03 Jun 2024 14:57

Instrument :

BNA_F

ClientSampleId :

B1COMP(8-16)

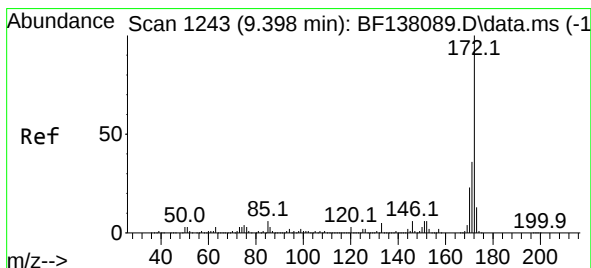
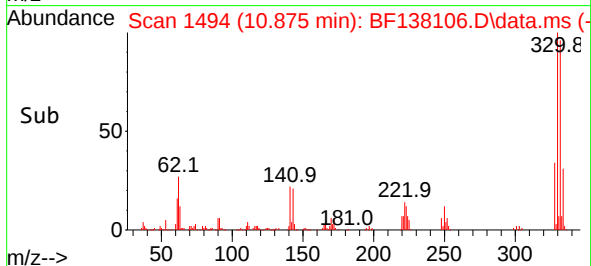
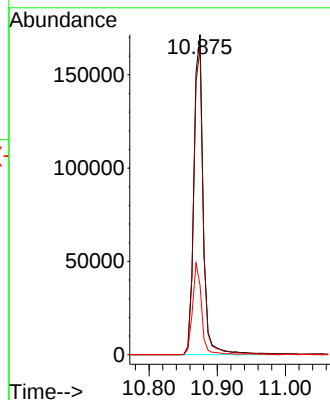
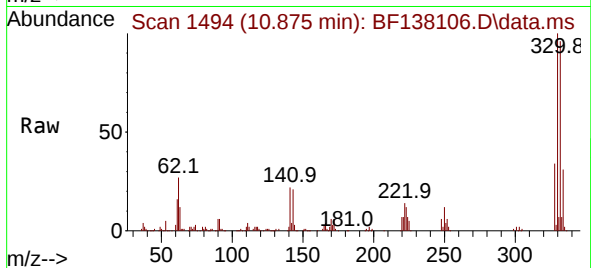
Tgt Ion:330 Resp: 162534

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 27.6 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 62.239 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138106.D

Acq: 03 Jun 2024 14:57

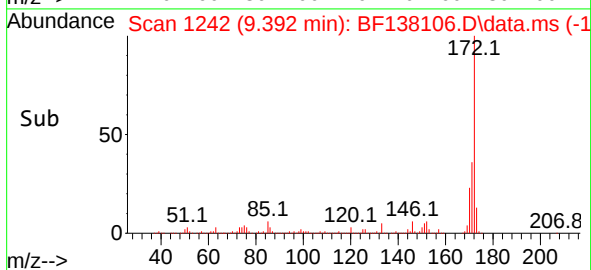
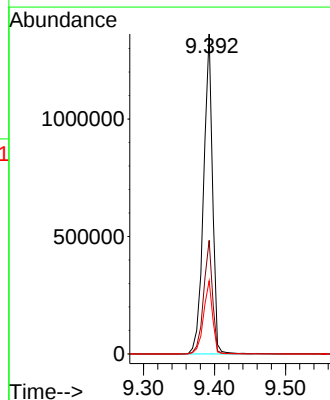
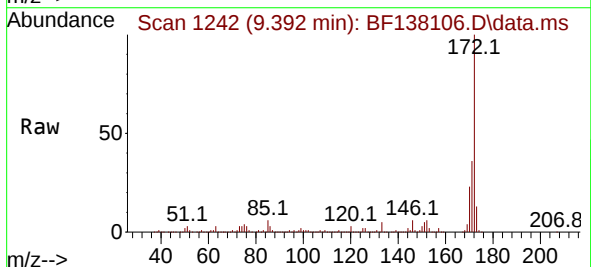
Tgt Ion:172 Resp: 1201656

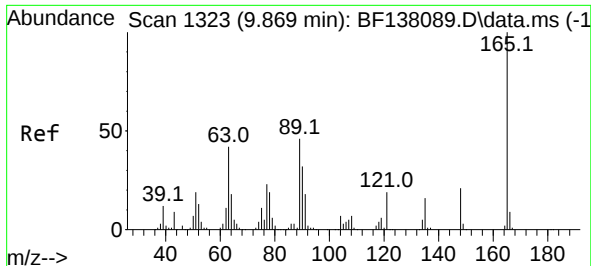
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 22.8 18.6 28.0

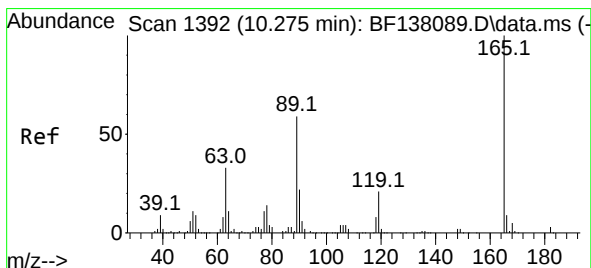
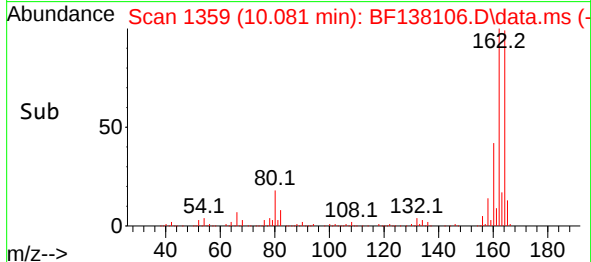
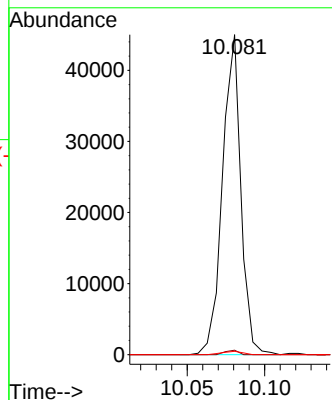
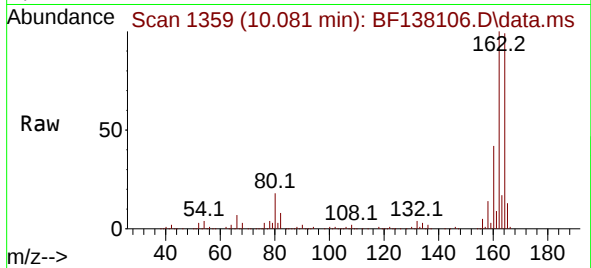




#51
2,6-Dinitrotoluene
Concen: 8.514 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.212 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

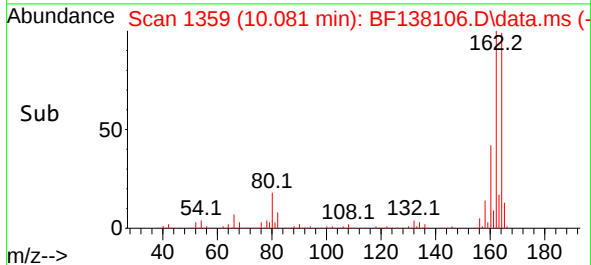
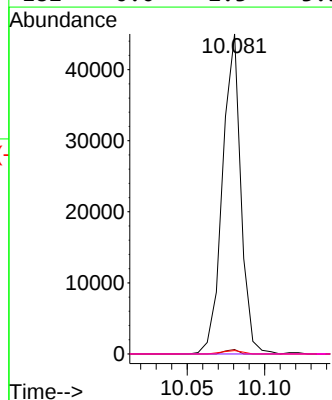
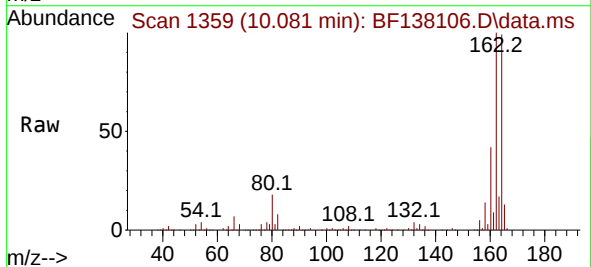
Instrument :
BNA_F
ClientSampleId :
B1COMP(8-16)

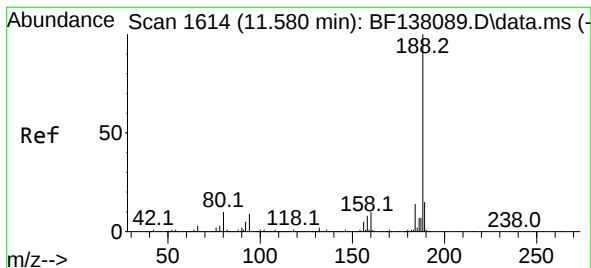
Tgt Ion:165 Resp: 37070
Ion Ratio Lower Upper
165 100
63 1.4 34.6 51.8#
89 1.0 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.457 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

Tgt Ion:165 Resp: 37070
Ion Ratio Lower Upper
165 100
63 1.4 27.4 41.0#
89 1.0 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: BF138106.D

Acq: 03 Jun 2024 14:57

Instrument :

BNA_F

ClientSampleId :

B1COMP(8-16)

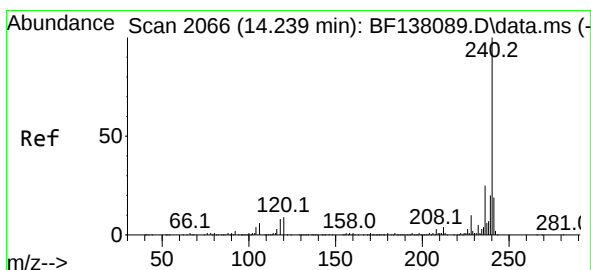
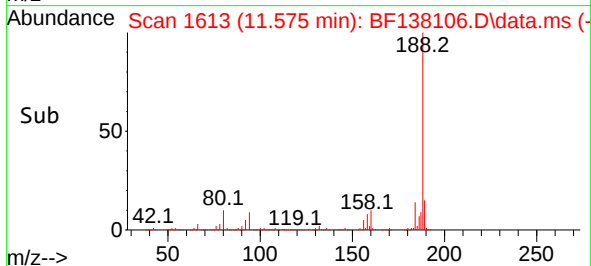
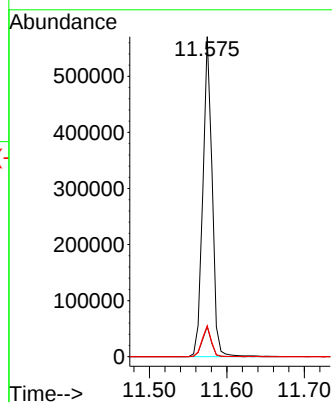
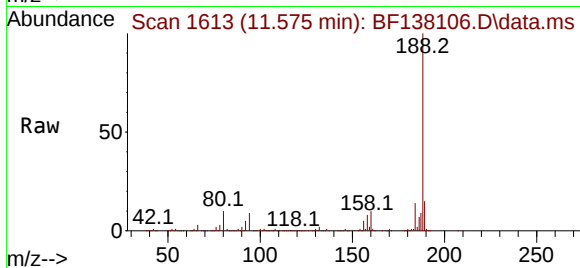
Tgt Ion:188 Resp: 474742

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 9.7 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.012 min

Lab File: BF138106.D

Acq: 03 Jun 2024 14:57

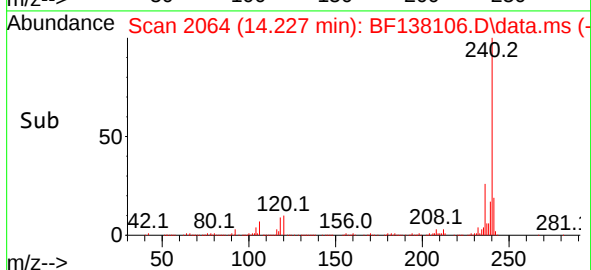
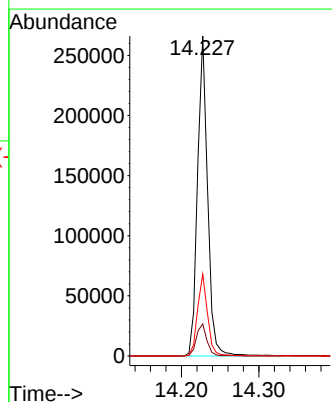
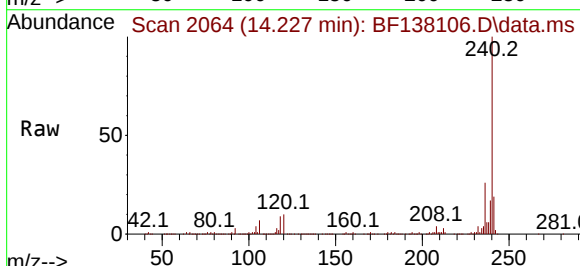
Tgt Ion:240 Resp: 240837

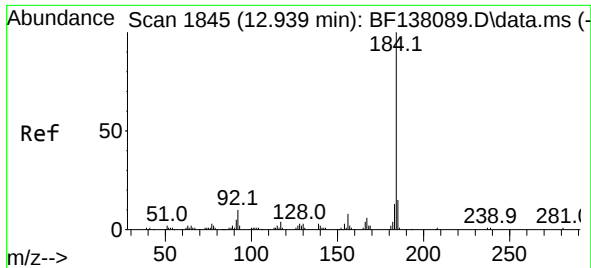
Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

236 25.6 20.4 30.6

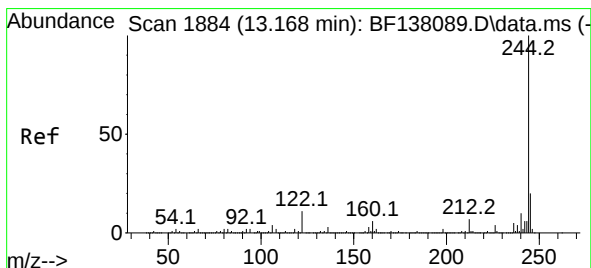
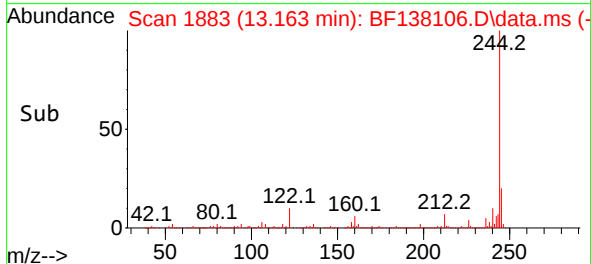
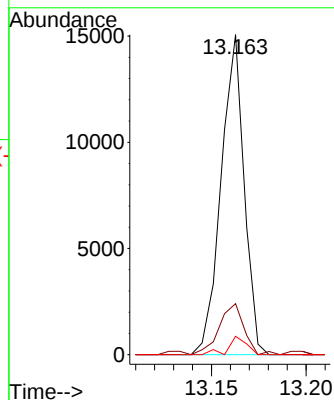
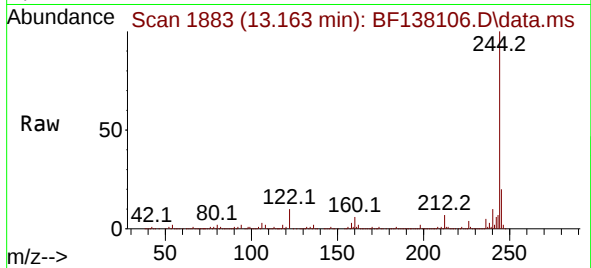




#77
Benzidine
Concen: 6.544 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.224 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

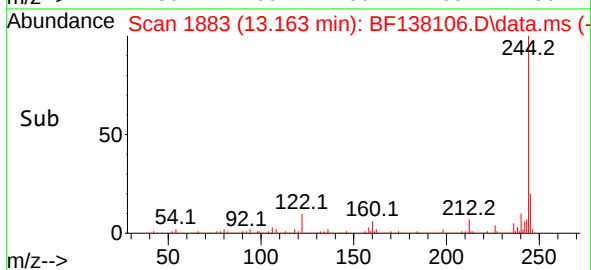
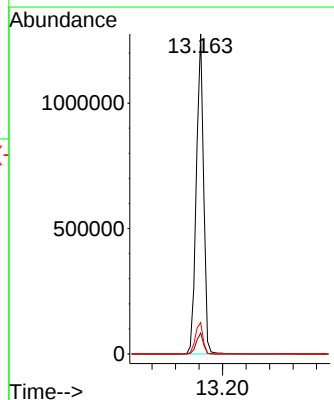
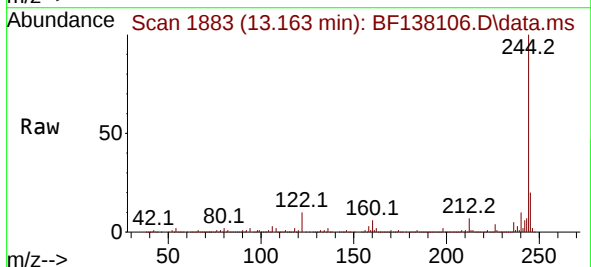
Instrument :
BNA_F
ClientSampleId :
B1COMP(8-16)

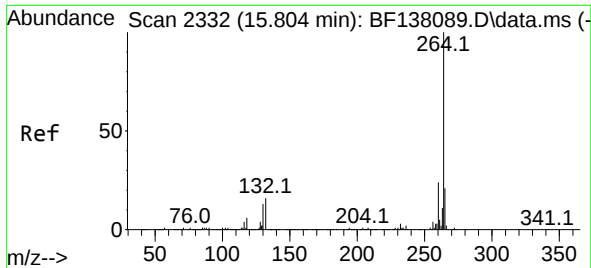
Tgt Ion:184 Resp: 12712
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 5.7 10.2 15.4#



#79
Terphenyl-d14
Concen: 65.974 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

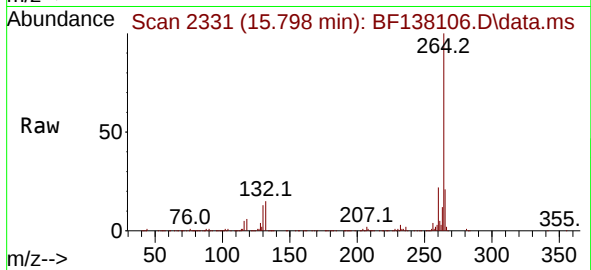
Tgt Ion:244 Resp: 1098448
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 9.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.798 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138106.D
Acq: 03 Jun 2024 14:57

Instrument :
BNA_F
ClientSampleId :
B1COMP(8-16)



Tgt Ion:264 Resp: 266151
Ion Ratio Lower Upper
264 100
260 22.4 18.9 28.3
265 21.2 16.7 25.1

