

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138463.D
 Acq On : 05 Jul 2024 12:22
 Operator : CG\JU
 Sample : PB161894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161894BL

Quant Time: Jul 05 12:48:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

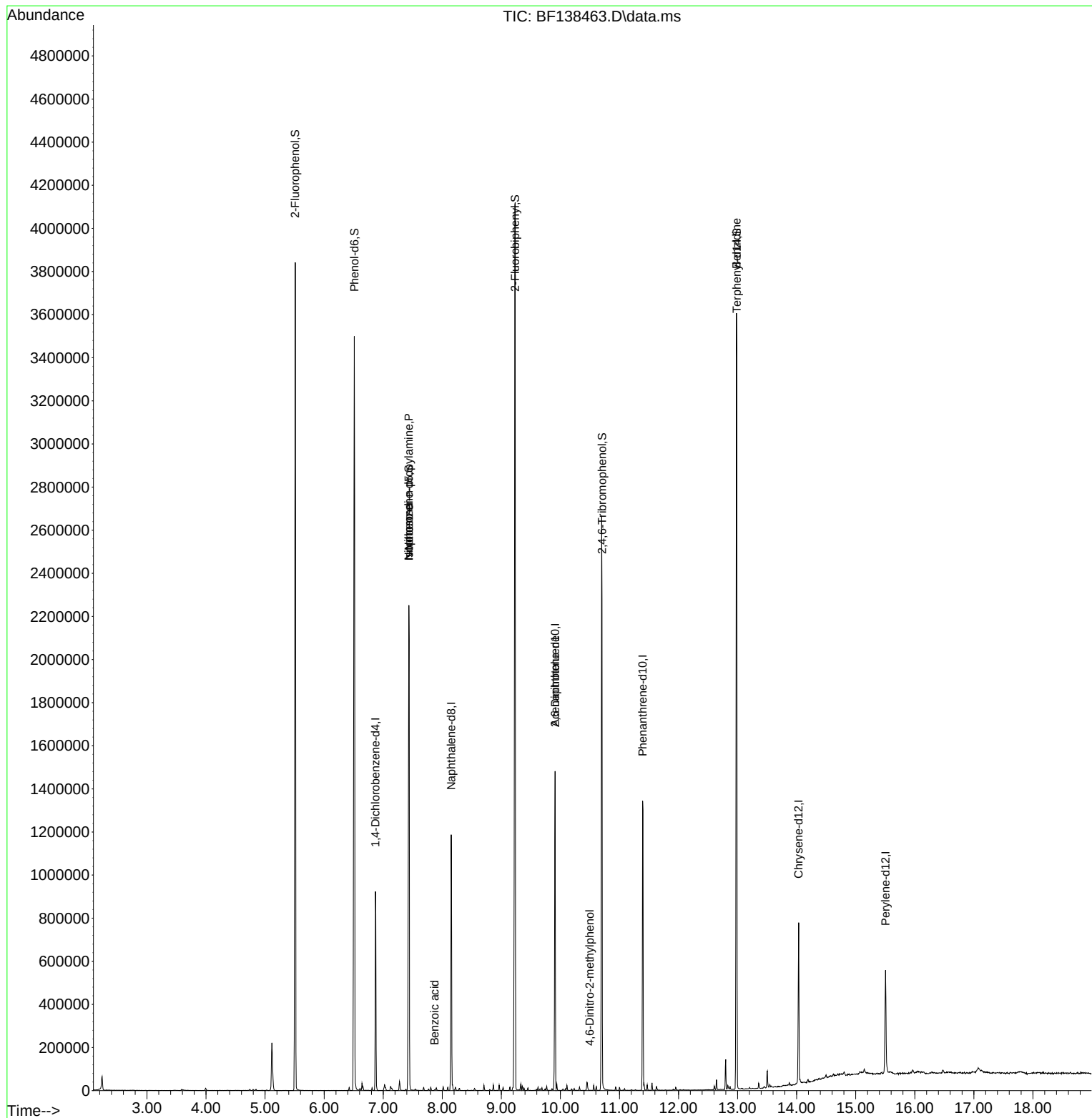
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	127423	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	519008	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	300168	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	504441	20.000	ng	0.00
76) Chrysene-d12	14.033	240	227033	20.000	ng	0.00
86) Perylene-d12	15.504	264	215521	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	953549	124.070	ng	0.01
7) Phenol-d6	6.510	99	1289156	124.518	ng	0.00
23) Nitrobenzene-d5	7.434	82	846500	84.727	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	299480	122.117	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1464671	77.655	ng	0.00
79) Terphenyl-d14	12.986	244	1349341	81.449	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	116689	17.878	ng	# 78
25) Isophorone	7.434	82	843964	45.812	ng	# 67
32) Benzoic acid	7.869	122	1141	4.303	ng	86
51) 2,6-Dinitrotoluene	9.910	165	38640	8.943	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.498	198	92	5.830	ng	# 62
77) Benzidine	12.981	184	18981	10.455	ng	# 95

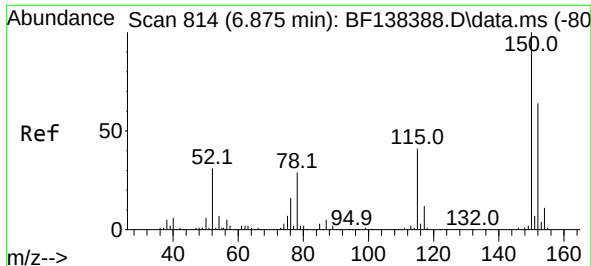
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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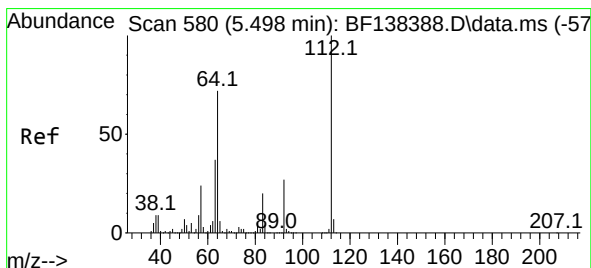
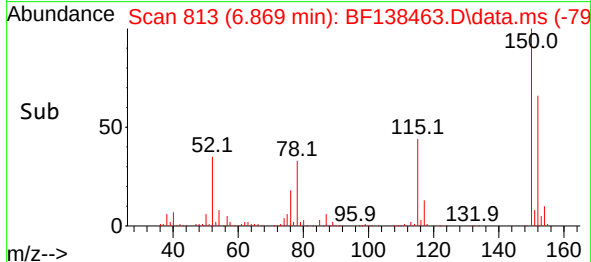
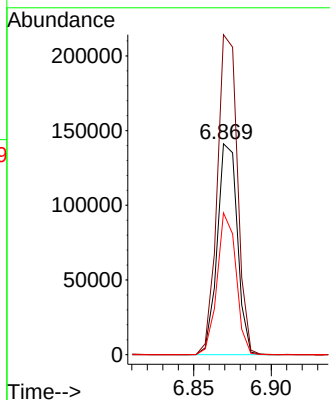
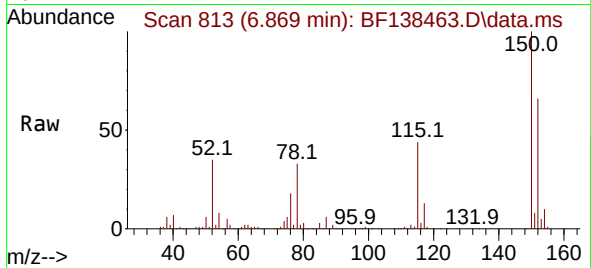




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF138463.D
 Acq: 05 Jul 2024 12:22

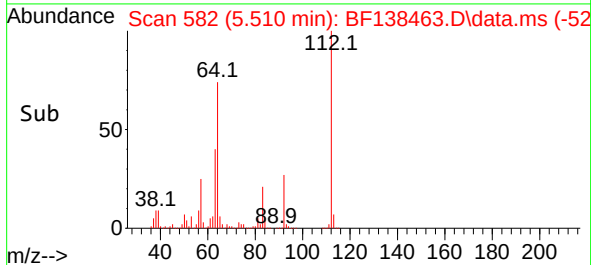
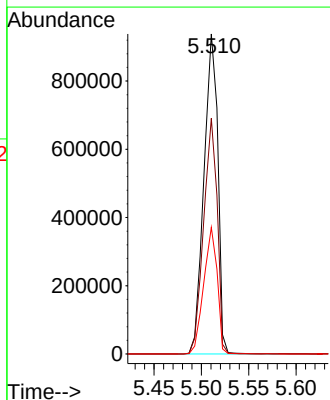
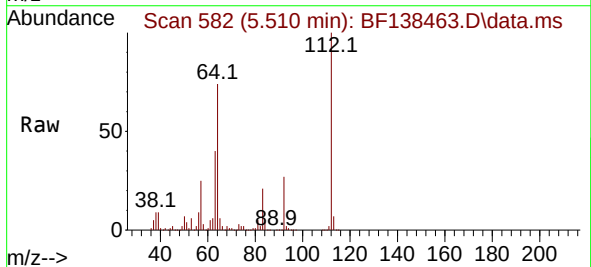
Instrument :
 BNA_F
 ClientSampleId :
 PB161894BL

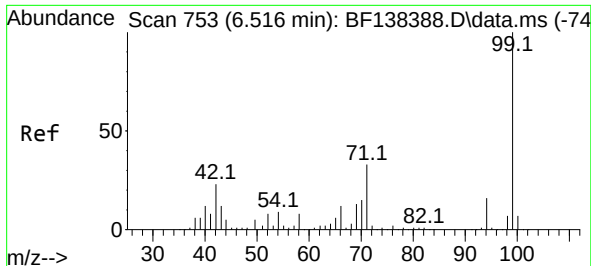
Tgt Ion:152 Resp: 127423
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.9 187.3
 115 67.2 50.8 76.2



#5
 2-Fluorophenol
 Concen: 124.070 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: BF138463.D
 Acq: 05 Jul 2024 12:22

Tgt Ion:112 Resp: 953549
 Ion Ratio Lower Upper
 112 100
 64 73.6 57.2 85.8
 63 39.5 29.4 44.0

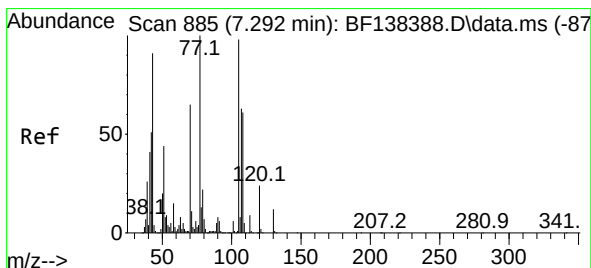
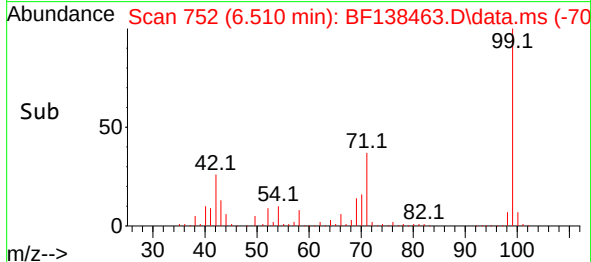
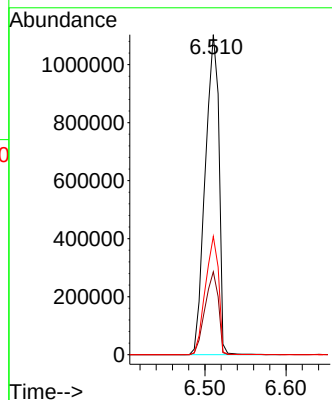
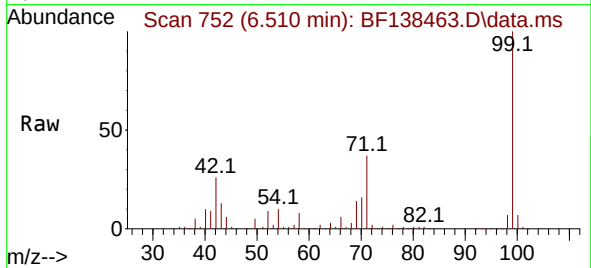




#7
Phenol-d6
Concen: 124.518 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

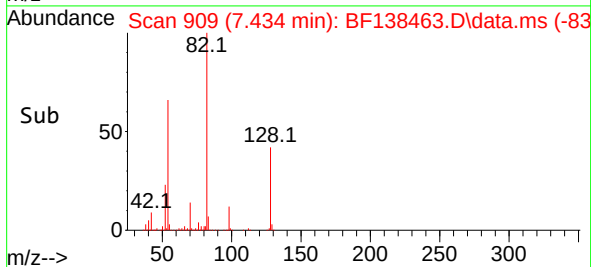
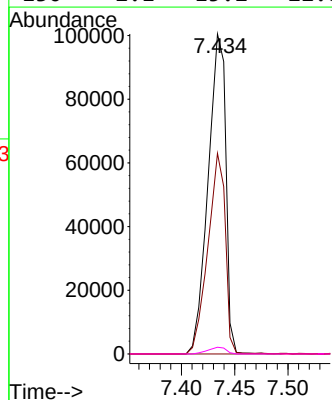
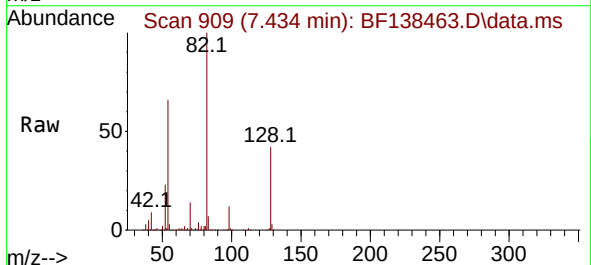
Instrument :
BNA_F
ClientSampleId :
PB161894BL

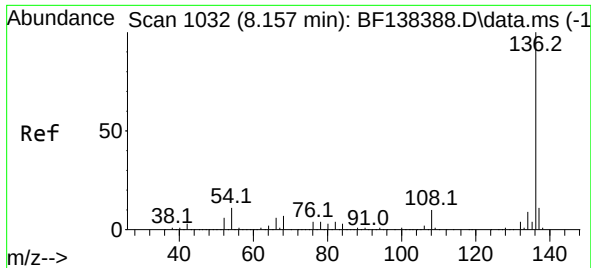
Tgt Ion: 99 Resp: 1289156
Ion Ratio Lower Upper
99 100
42 25.9 18.5 27.7
71 37.0 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.878 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

Tgt Ion: 70 Resp: 116689
Ion Ratio Lower Upper
70 100
42 62.7 62.5 93.7
101 0.0 7.0 10.4#
130 2.1 15.2 22.8#

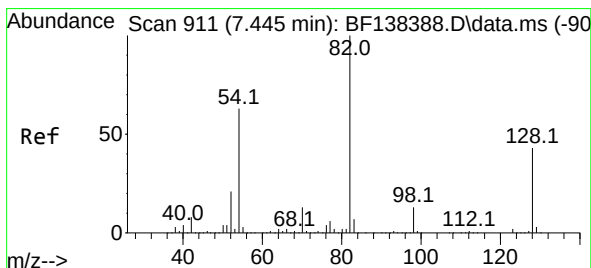
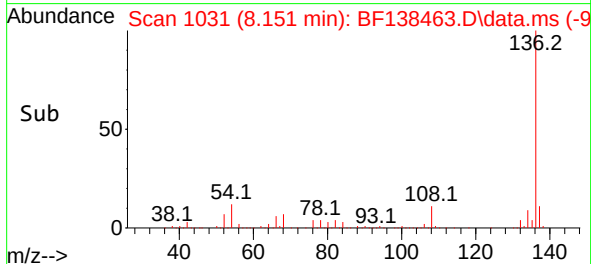
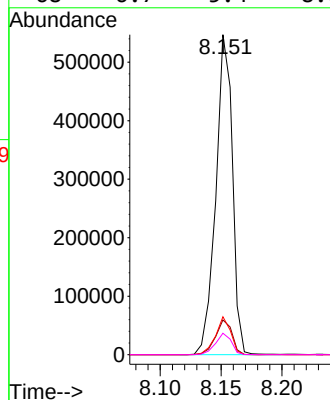
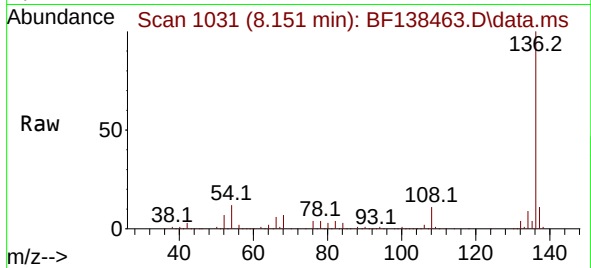




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

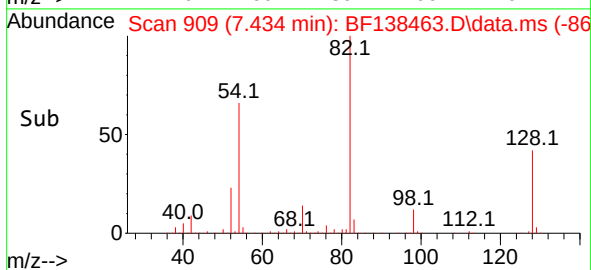
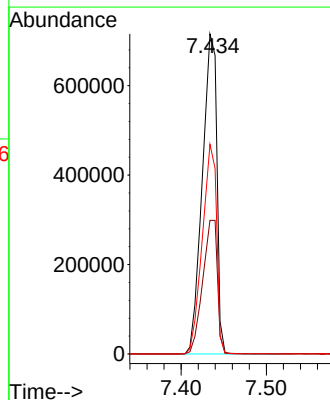
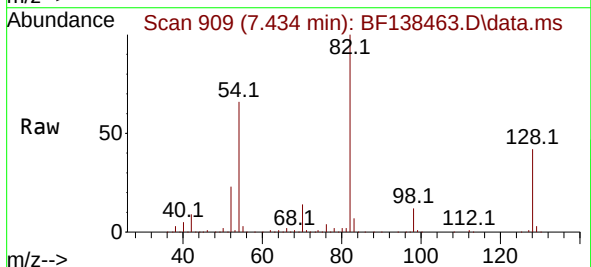
Instrument :
BNA_F
ClientSampleId :
PB161894BL

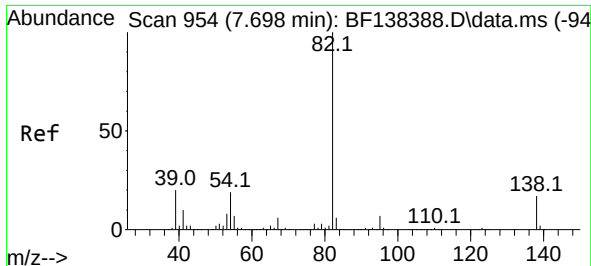
Tgt Ion:136 Resp: 519008
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.8 9.0 13.4
68 6.7 5.4 8.0



#23
Nitrobenzene-d5
Concen: 84.727 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.011 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

Tgt Ion: 82 Resp: 846500
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 65.5 50.5 75.7

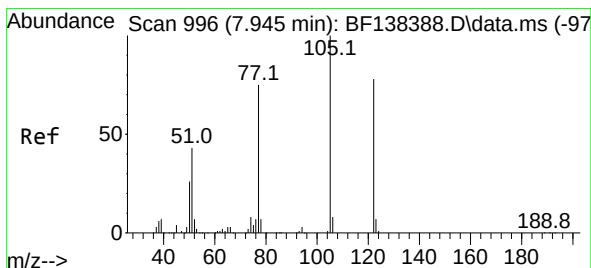
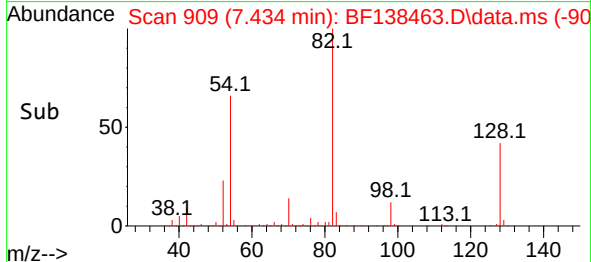
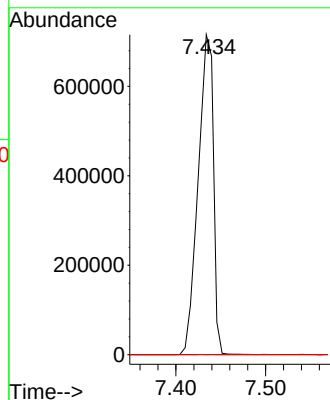
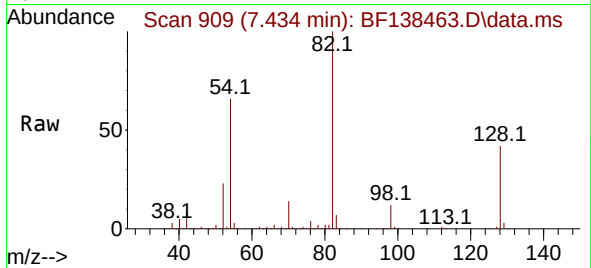




#25
Isophorone
Concen: 45.812 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

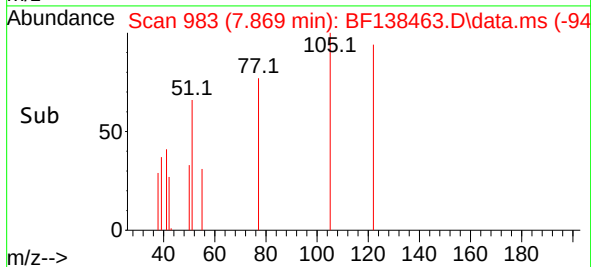
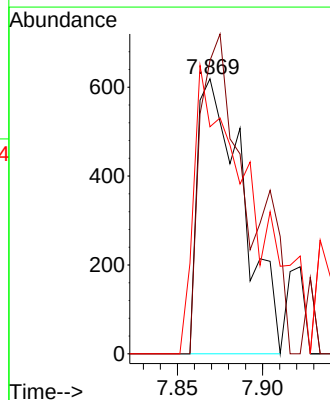
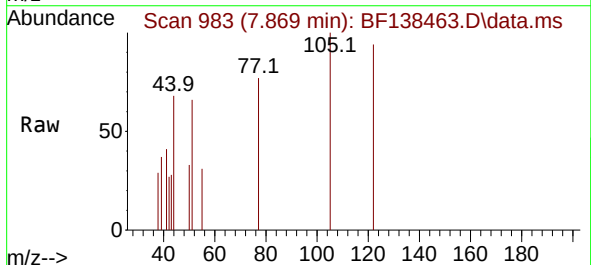
Instrument :
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ClientSampleId :
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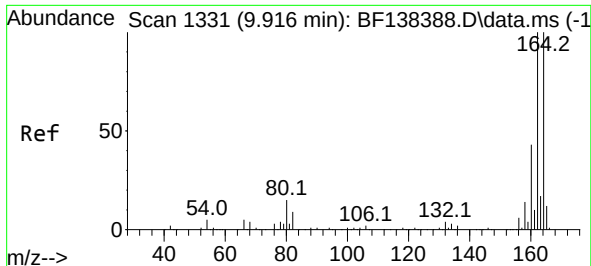
Tgt Ion: 82 Resp: 843964
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.303 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.076 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

Tgt Ion: 122 Resp: 1141
Ion Ratio Lower Upper
122 100
105 106.6 103.8 143.8
77 82.6 74.3 114.3

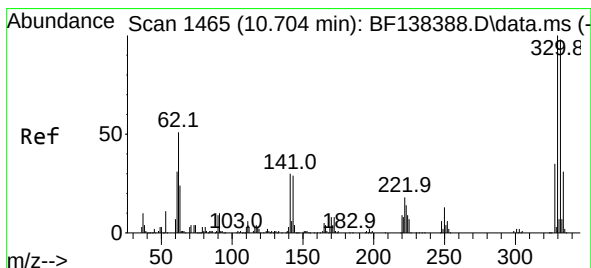
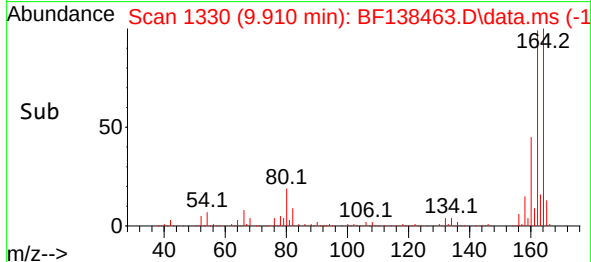
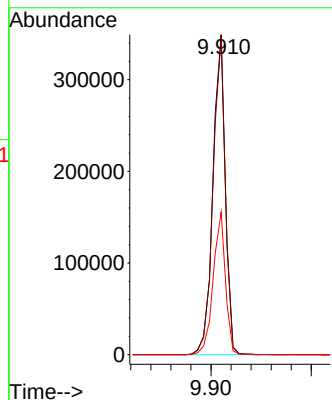
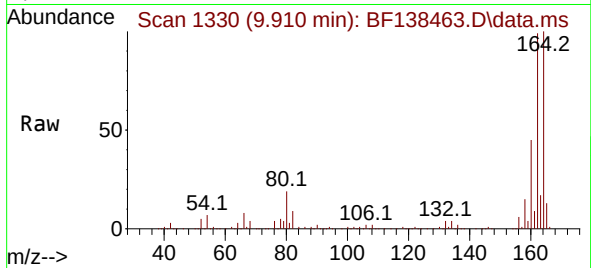




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

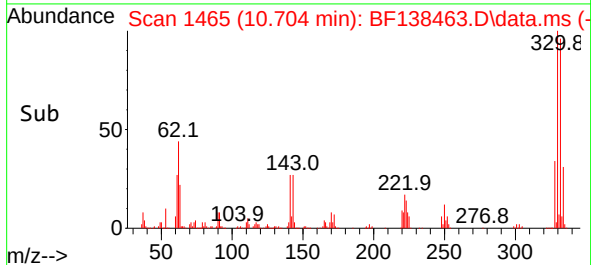
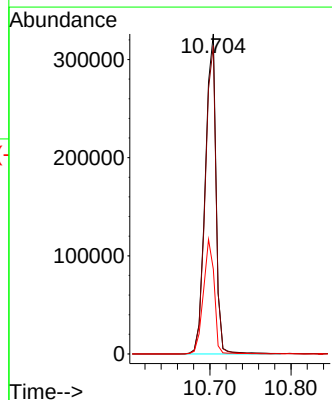
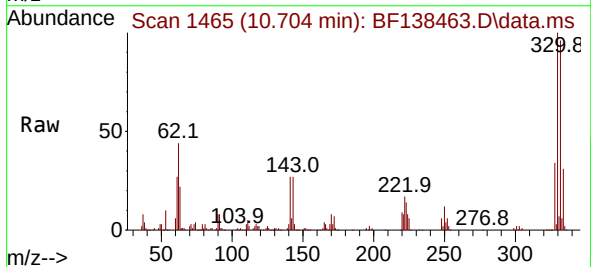
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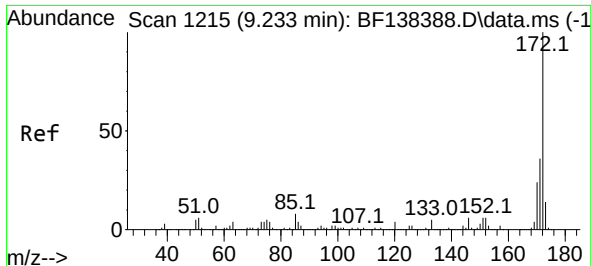
Tgt Ion:164 Resp: 300168
Ion Ratio Lower Upper
164 100
162 99.2 80.1 120.1
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 122.117 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

Tgt Ion:330 Resp: 299480
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 36.1 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 77.655 ng

RT: 9.234 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB161894BL

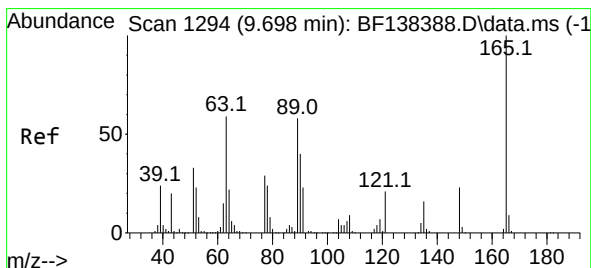
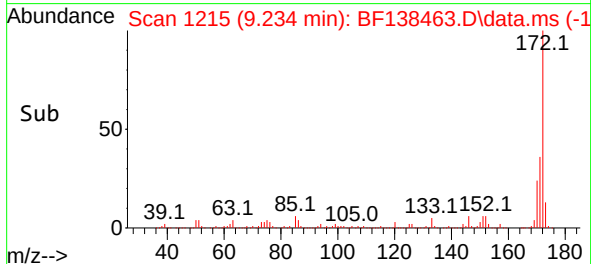
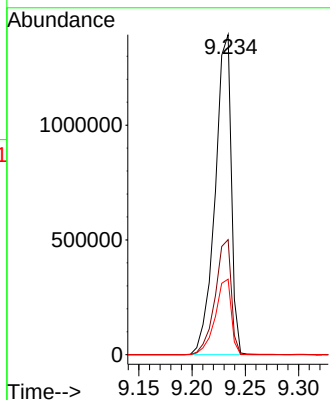
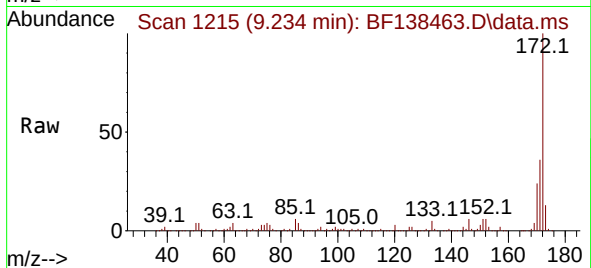
Tgt Ion:172 Resp: 1464671

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.943 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.212 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

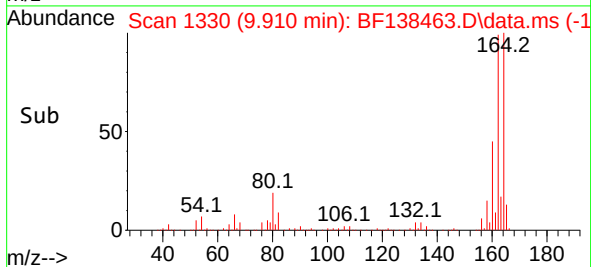
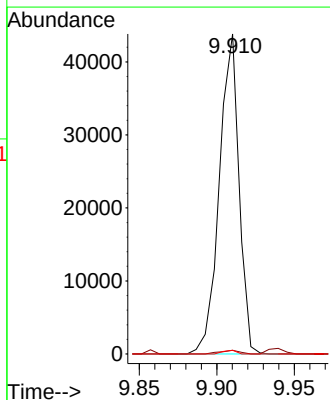
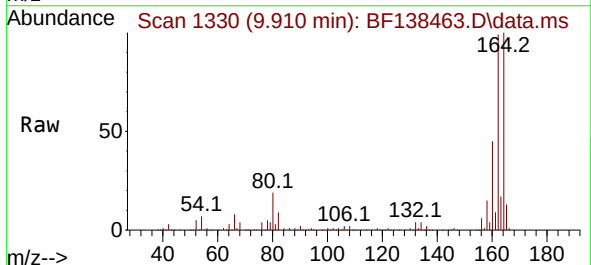
Tgt Ion:165 Resp: 38640

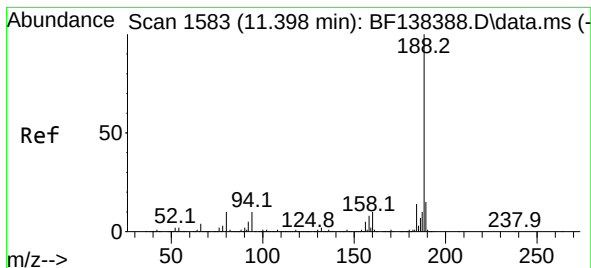
Ion Ratio Lower Upper

165 100

63 1.2 53.8 80.8#

89 1.1 46.4 69.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

Instrument :

BNA_F

ClientSampleId :

PB161894BL

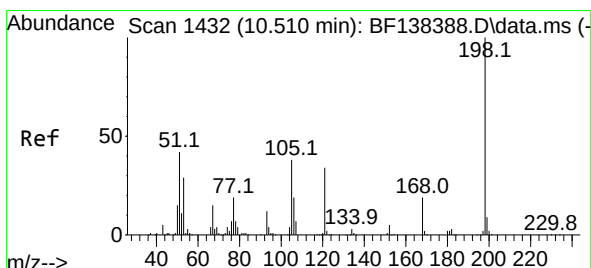
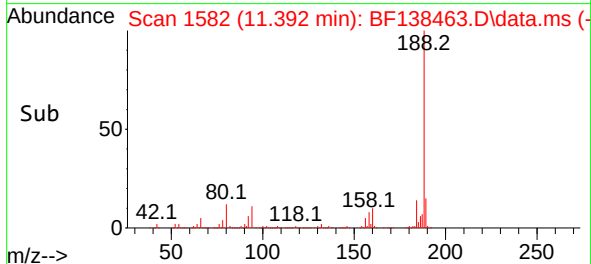
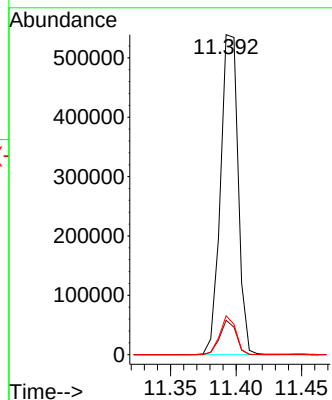
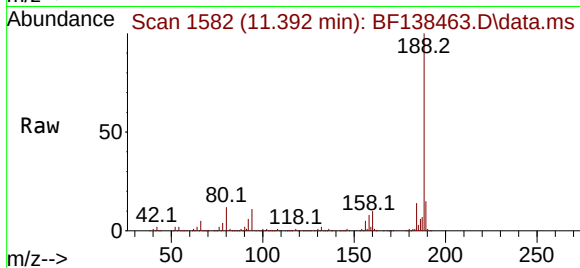
Tgt Ion:188 Resp: 504441

Ion Ratio Lower Upper

188 100

94 10.7 8.0 12.0

80 12.1 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.830 ng

RT: 10.498 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF138463.D

Acq: 05 Jul 2024 12:22

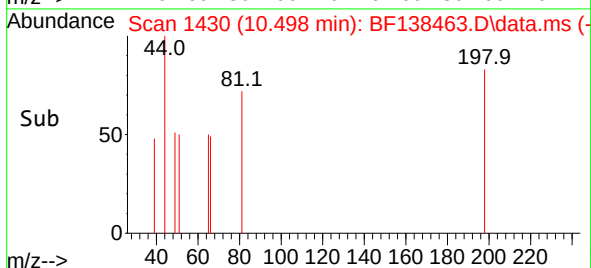
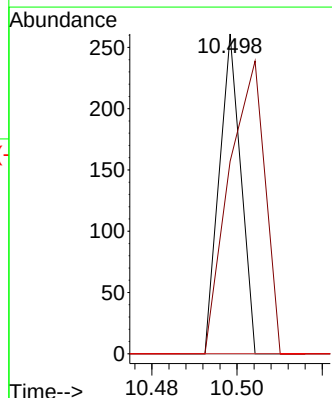
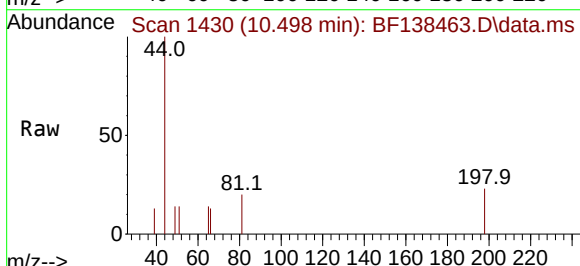
Tgt Ion:198 Resp: 92

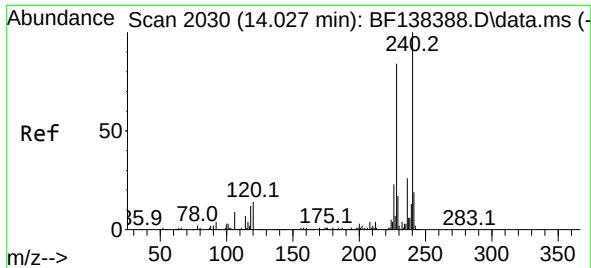
Ion Ratio Lower Upper

198 100

51 60.2 27.9 67.9

105 0.0 18.2 58.2#

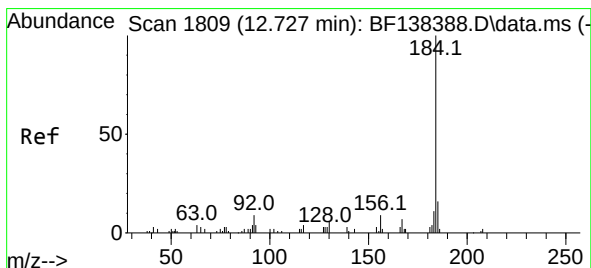
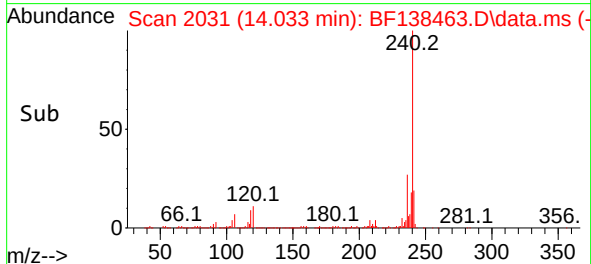
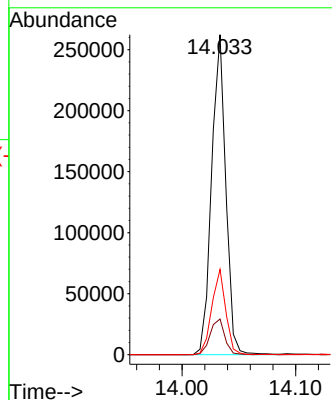
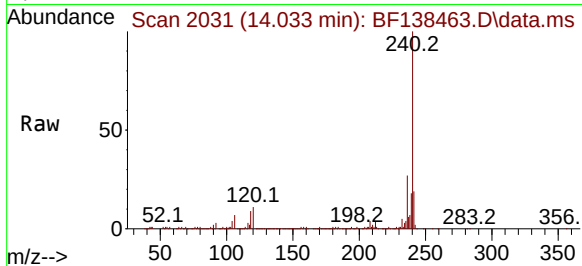




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

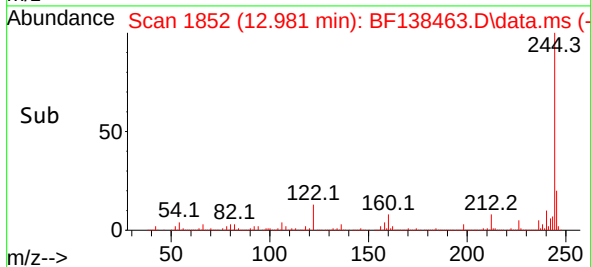
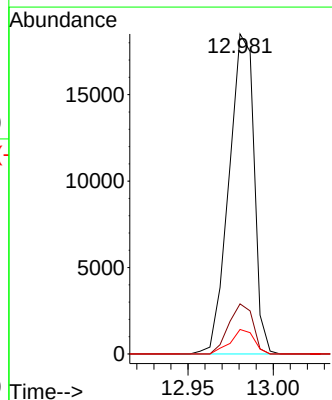
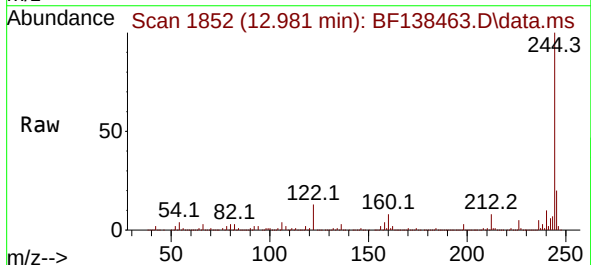
Instrument :
BNA_F
ClientSampleId :
PB161894BL

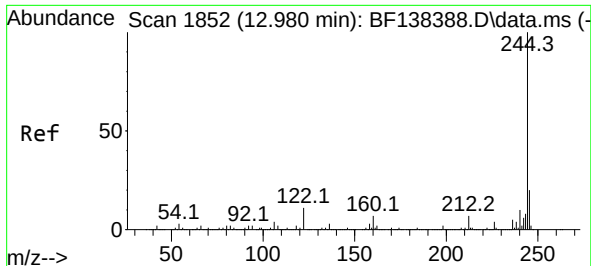
Tgt Ion:240 Resp: 227033
Ion Ratio Lower Upper
240 100
120 11.1 10.9 16.3
236 26.6 20.6 30.8



#77
Benzidine
Concen: 10.455 ng
RT: 12.981 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF138463.D
Acq: 05 Jul 2024 12:22

Tgt Ion:184 Resp: 18981
Ion Ratio Lower Upper
184 100
185 15.7 13.0 19.4
183 7.7 9.0 13.6#

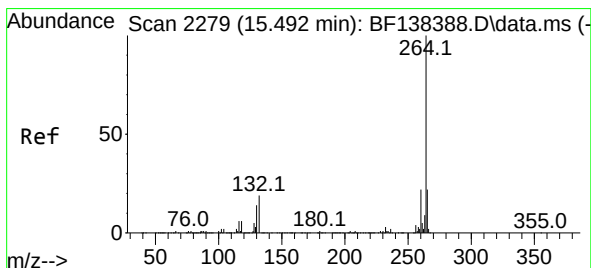
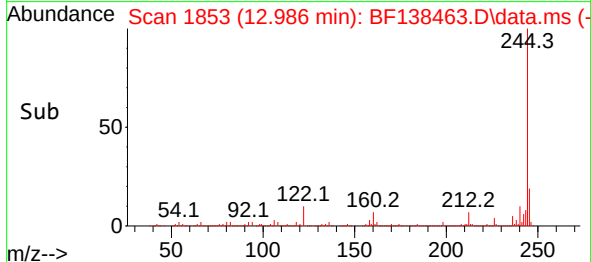
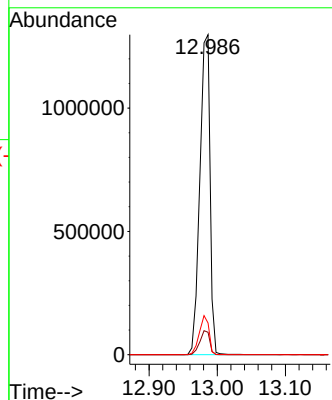
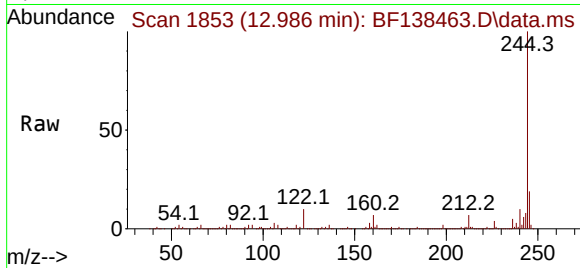




#79
 Terphenyl-d14
 Concen: 81.449 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138463.D
 Acq: 05 Jul 2024 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB161894BL

Tgt Ion:244 Resp: 1349341
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF138463.D
 Acq: 05 Jul 2024 12:22

Tgt Ion:264 Resp: 215521
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.8 26.6
 265 21.9 17.5 26.3

