

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129981.D
 Acq On : 24 Aug 2022 20:22
 Operator : CG\JU
 Sample : N4244-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Aug 25 04:14:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

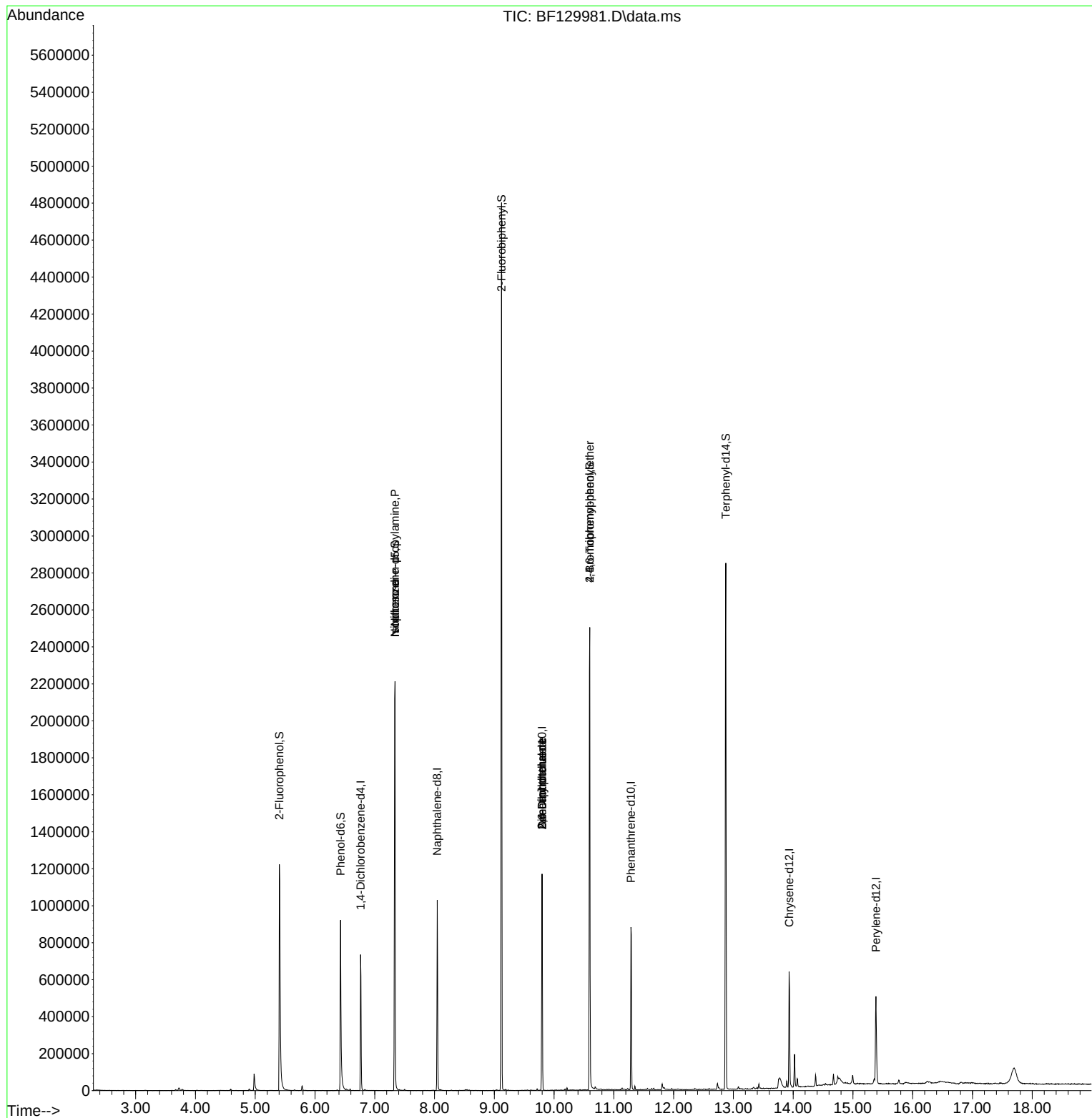
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	105185	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	409985	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	207913	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	317669	20.000	ng	0.00
76) Chrysene-d12	13.933	240	201659	20.000	ng	0.00
86) Perylene-d12	15.386	264	204034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	402451	63.349	ng	0.00
7) Phenol-d6	6.428	99	332722	41.822	ng	0.00
23) Nitrobenzene-d5	7.339	82	756104	98.725	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	284437	136.308	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1307470	95.511	ng	0.00
79) Terphenyl-d14	12.874	244	932022	76.903	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	525	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.339	70	101396	20.164	ng	# 75
25) Isophorone	7.339	82	756097	57.359	ng	# 65
50) Dimethylphthalate	9.798	163	36761	2.466	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	27348	8.459	ng	# 22
57) 2,4-Dinitrotoluene	9.798	165	27348	6.516	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	18366	4.936	ng	# 1
77) Benzidine	12.874	184	13753	Below Cal	#	92

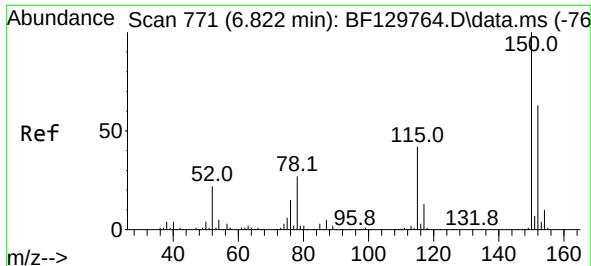
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
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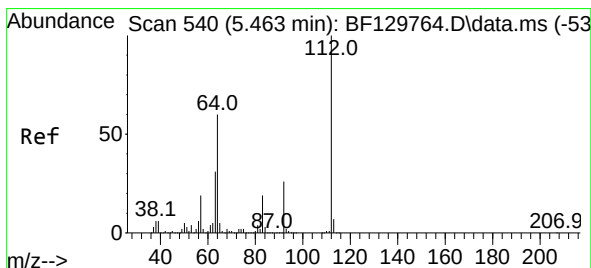
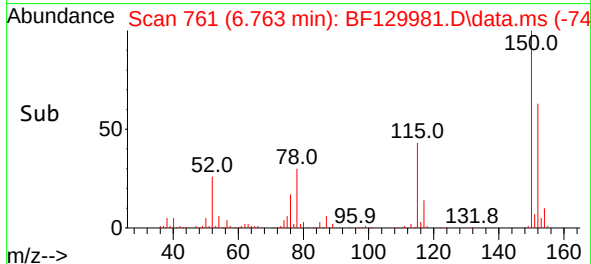
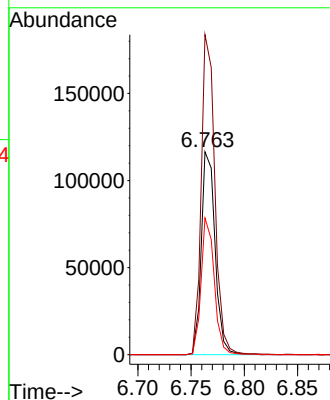
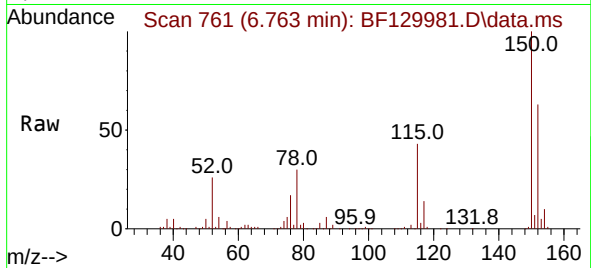




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

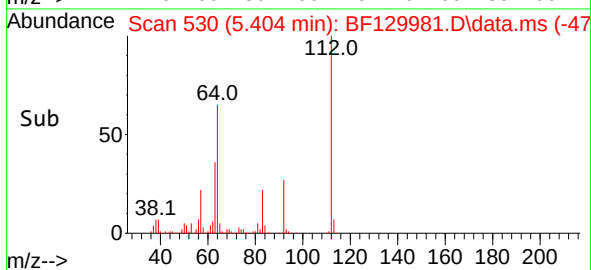
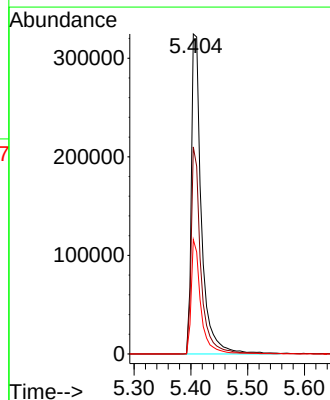
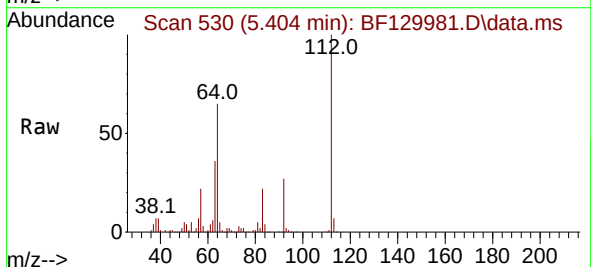
Instrument :
BNA_F
ClientSampleId :
MW-104D

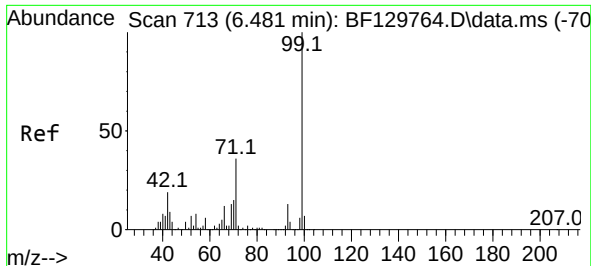
Tgt Ion:152 Resp: 105185
Ion Ratio Lower Upper
152 100
150 157.7 126.9 190.3
115 67.3 53.4 80.0



#5
2-Fluorophenol
Concen: 63.349 ng
RT: 5.404 min Scan# 530
Delta R.T. -0.000 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

Tgt Ion:112 Resp: 402451
Ion Ratio Lower Upper
112 100
64 64.7 47.6 71.4
63 35.8 24.6 37.0

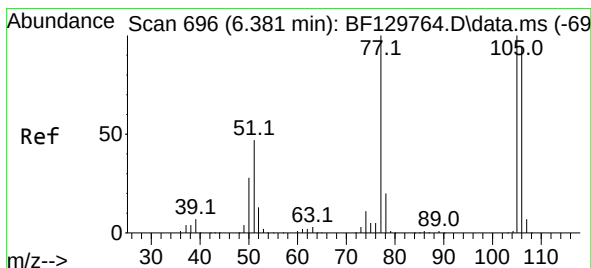
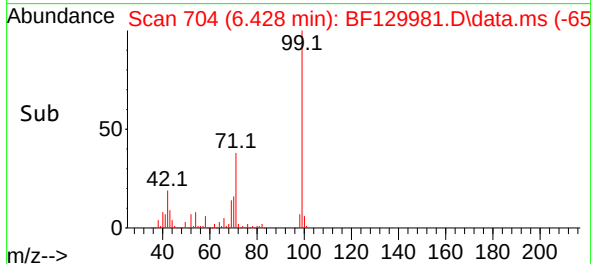
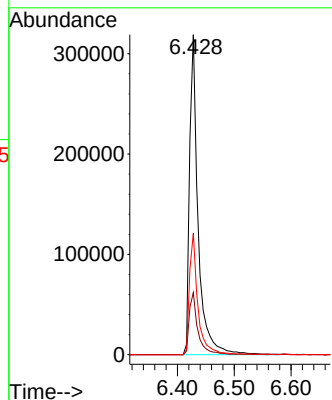
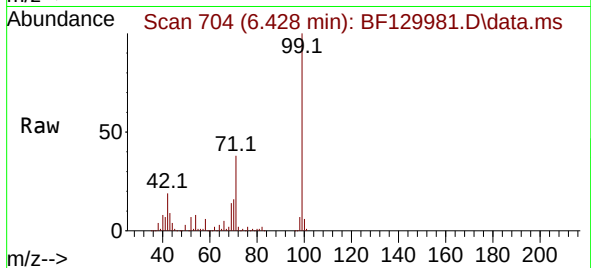




#7
Phenol-d6
Concen: 41.822 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

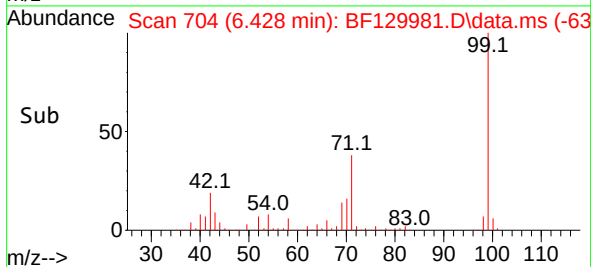
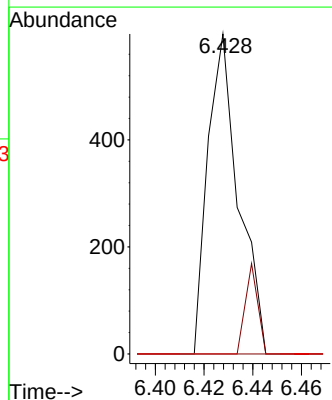
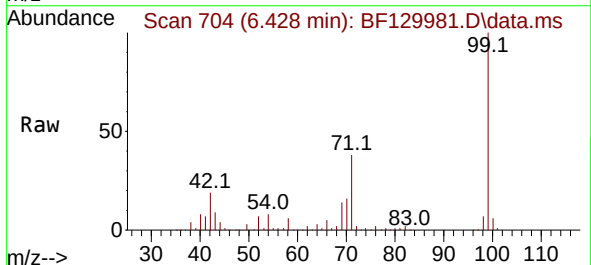
Instrument :
BNA_F
ClientSampleId :
MW-104D

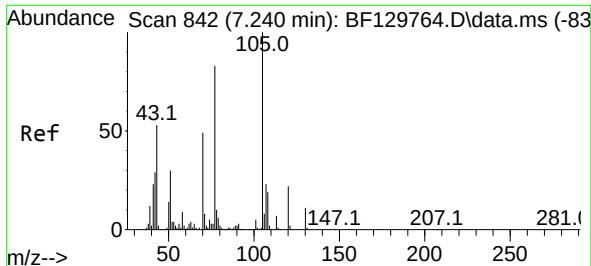
Tgt Ion: 99 Resp: 332722
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 37.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

Tgt Ion: 77 Resp: 525
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 20.164 ng

RT: 7.339 min Scan# 8

Delta R.T. 0.153 min

Lab File: BF129981.D

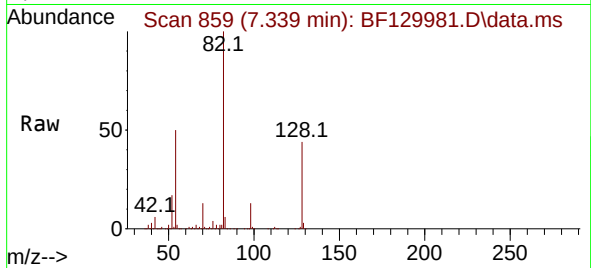
Acq: 24 Aug 2022 20:22

Instrument :

BNA_F

ClientSampleId :

MW-104D



Tgt Ion: 70 Resp: 101396

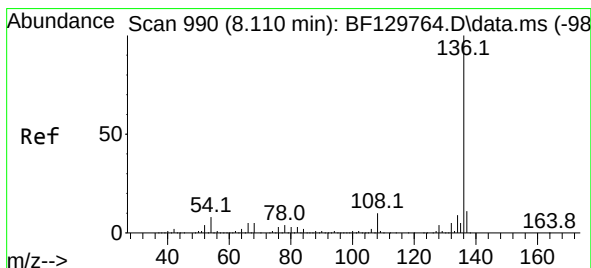
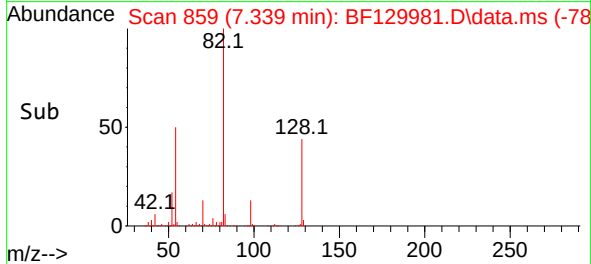
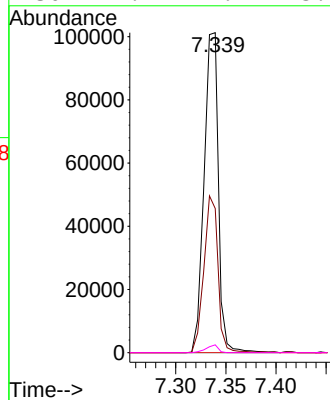
Ion Ratio Lower Upper

70 100

42 45.0 47.6 71.4#

101 0.0 8.1 12.1#

130 2.4 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF129981.D

Acq: 24 Aug 2022 20:22

Tgt Ion: 136 Resp: 409985

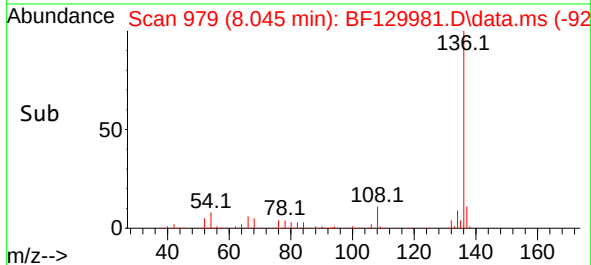
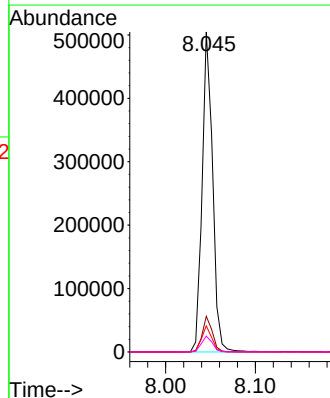
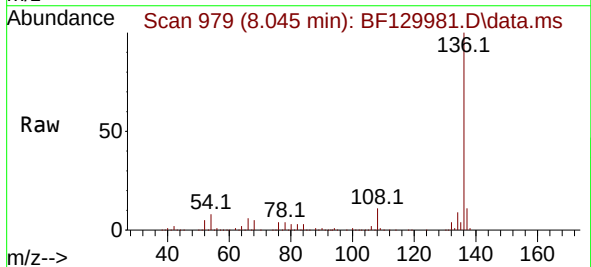
Ion Ratio Lower Upper

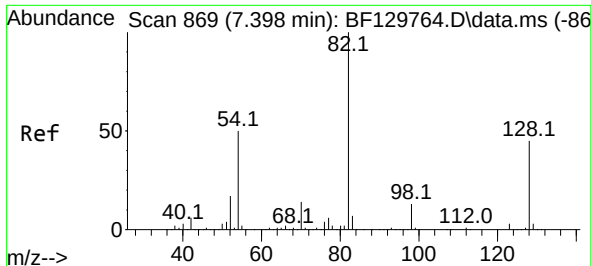
136 100

137 11.1 8.4 12.6

54 8.2 6.2 9.2

68 4.9 4.2 6.4

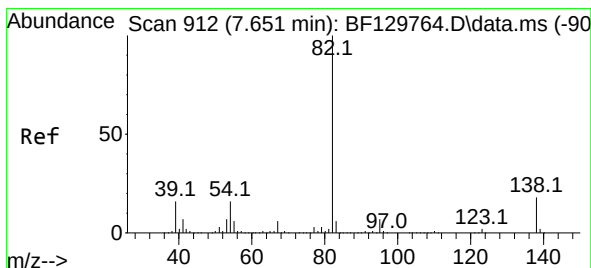
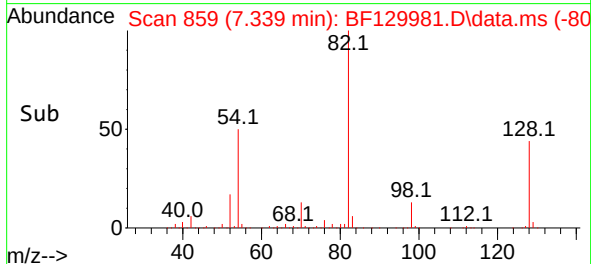
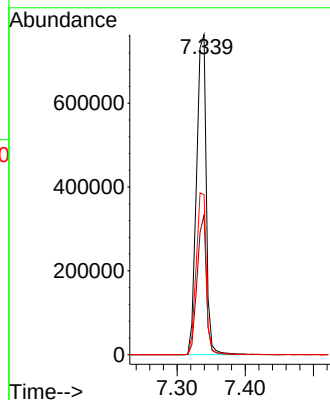
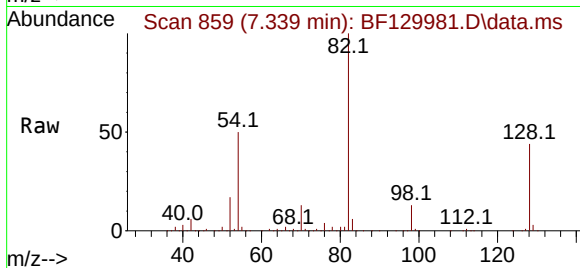




#23
Nitrobenzene-d5
Concen: 98.725 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

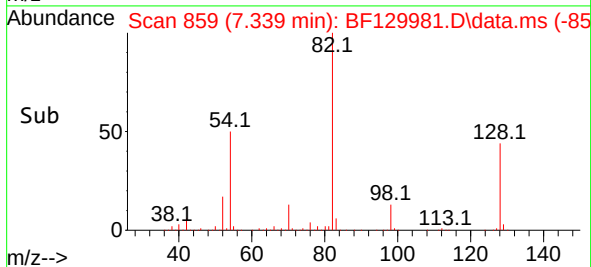
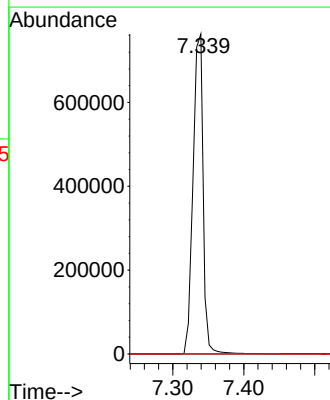
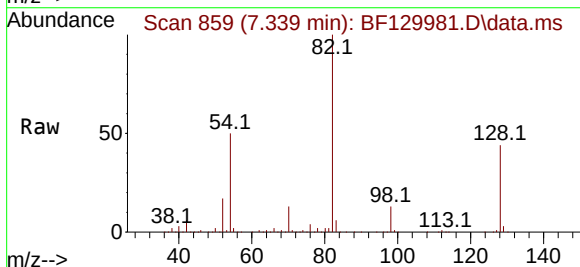
Instrument :
BNA_F
ClientSampleId :
MW-104D

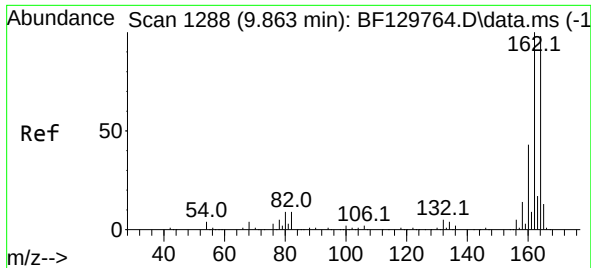
Tgt Ion: 82 Resp: 756104
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 50.0 40.0 60.0



#25
Isophorone
Concen: 57.359 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.259 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

Tgt Ion: 82 Resp: 756097
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

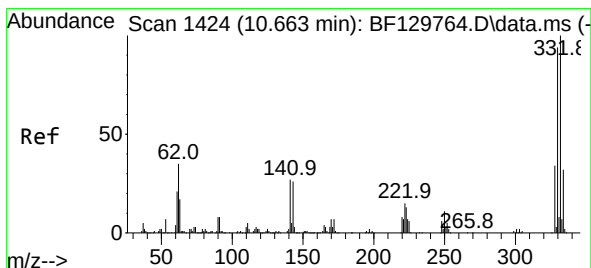
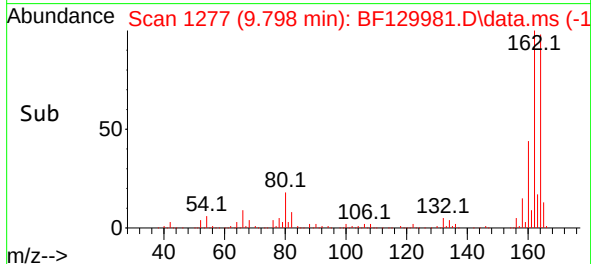
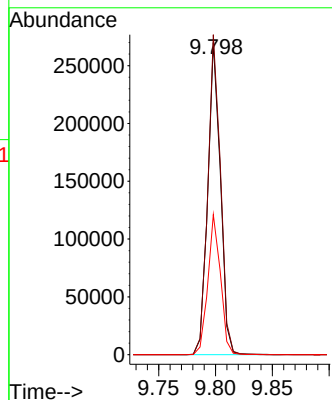
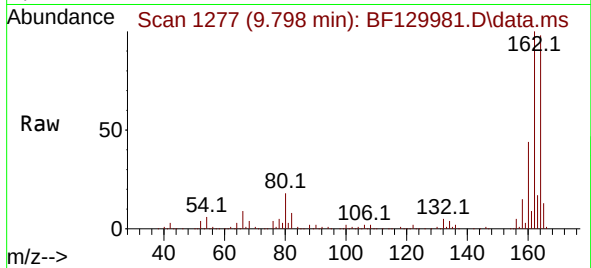




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

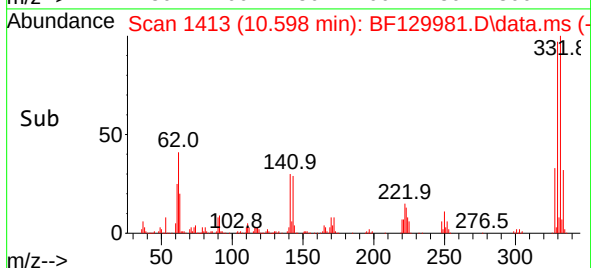
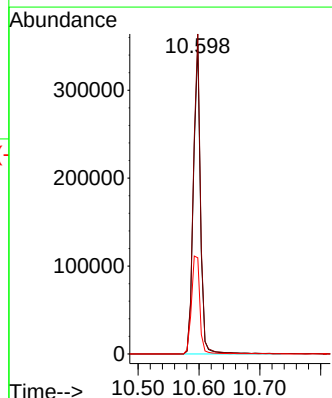
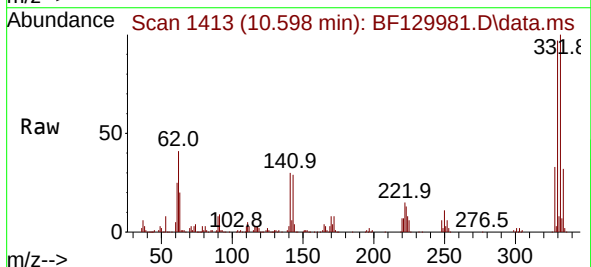
Instrument :
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ClientSampleId :
MW-104D

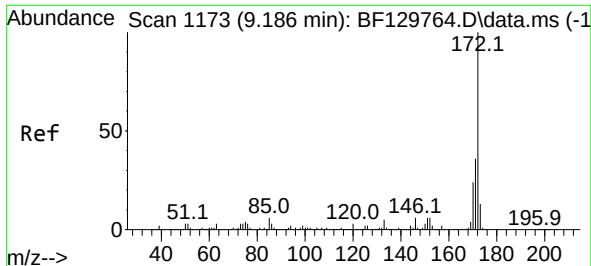
Tgt Ion:164 Resp: 207913
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 136.308 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

Tgt Ion:330 Resp: 284437
Ion Ratio Lower Upper
330 100
332 103.2 82.6 124.0
141 37.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 95.511 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129981.D

Acq: 24 Aug 2022 20:22

Instrument :

BNA_F

ClientSampleId :

MW-104D

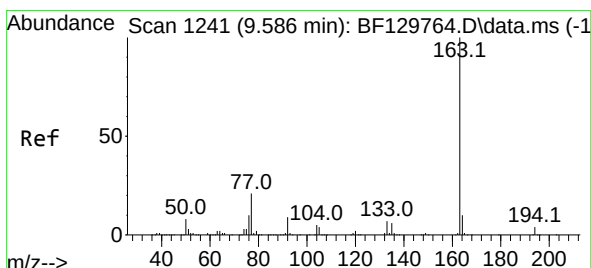
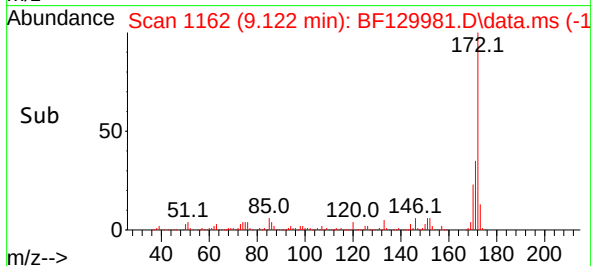
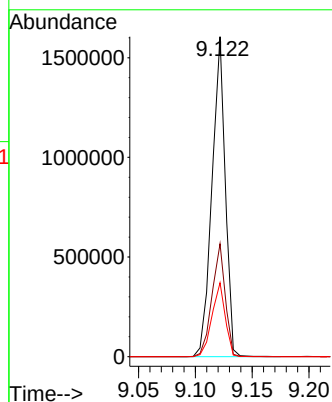
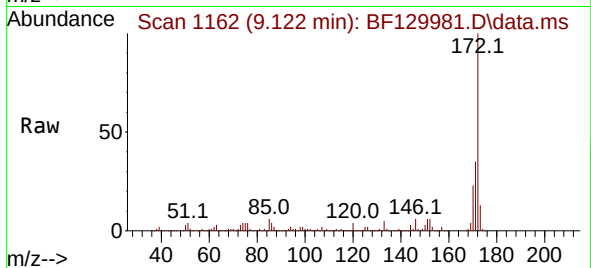
Tgt Ion:172 Resp: 1307470

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.466 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.265 min

Lab File: BF129981.D

Acq: 24 Aug 2022 20:22

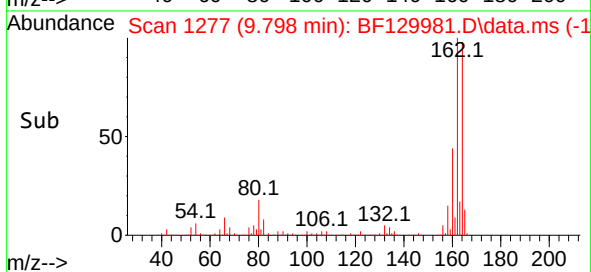
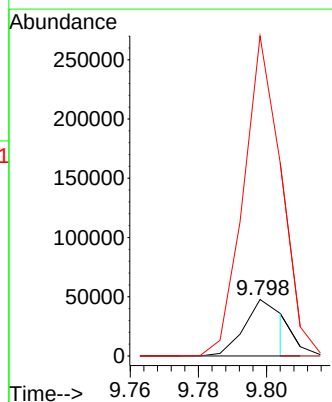
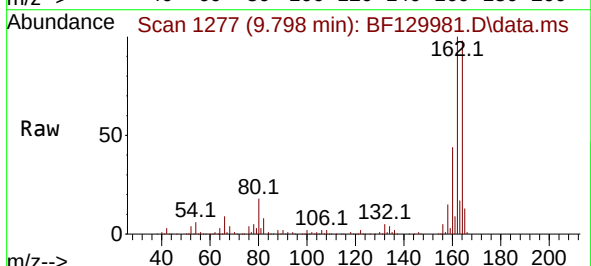
Tgt Ion:163 Resp: 36761

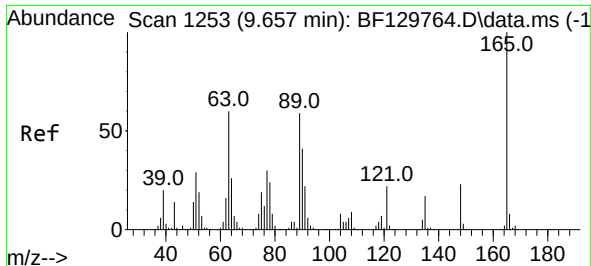
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 565.8 8.2 12.2#

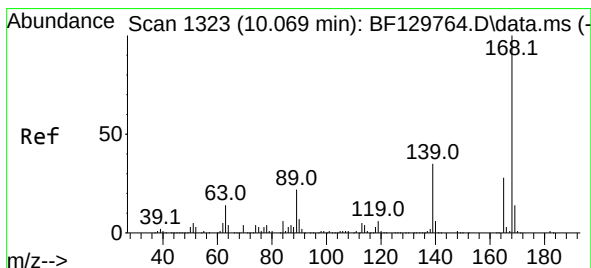
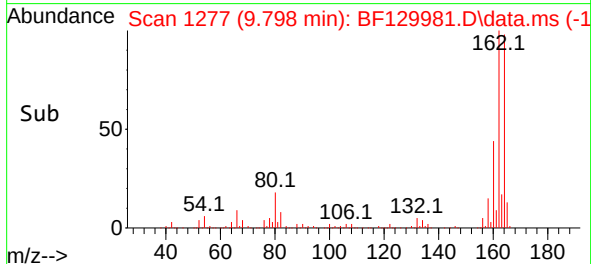
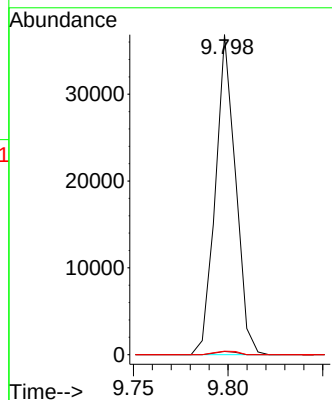
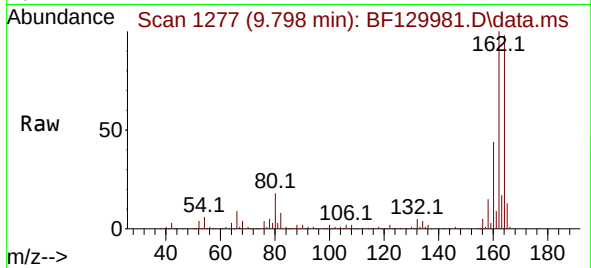




#51
2,6-Dinitrotoluene
Concen: 8.459 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

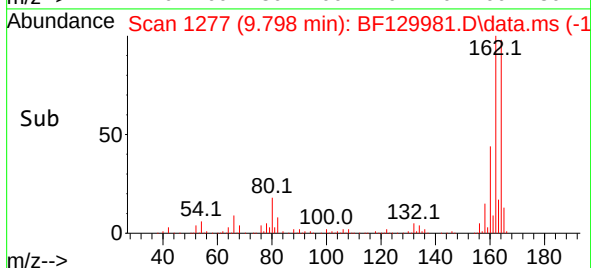
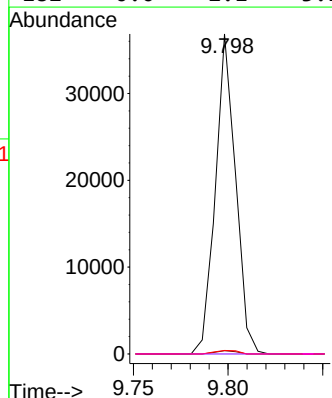
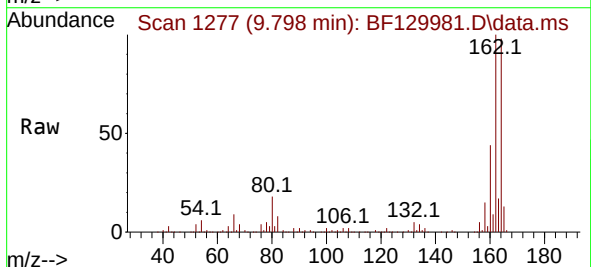
Instrument :
BNA_F
ClientSampleId :
MW-104D

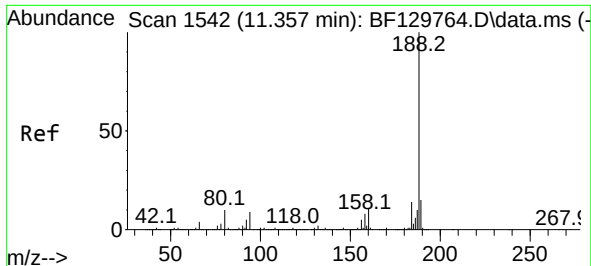
Tgt Ion:165 Resp: 27348
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.516 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.218 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

Tgt Ion:165 Resp: 27348
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

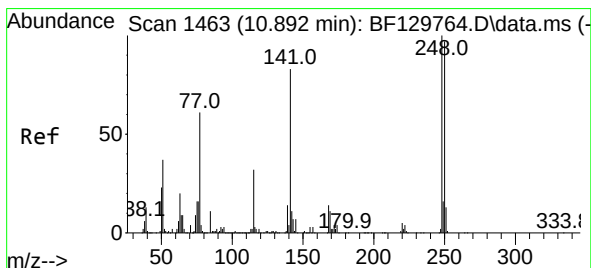
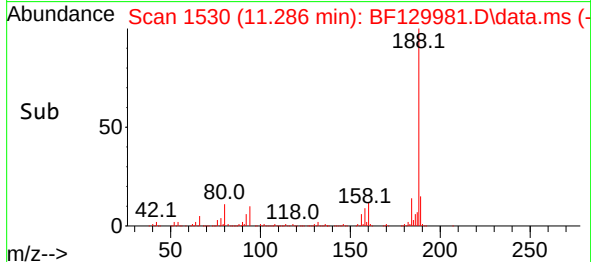
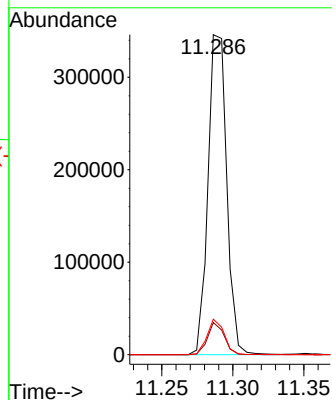
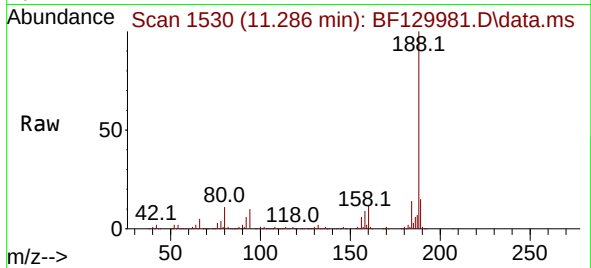




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

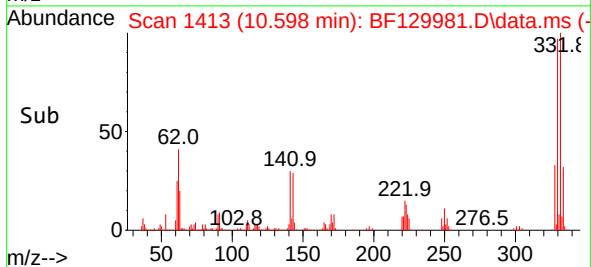
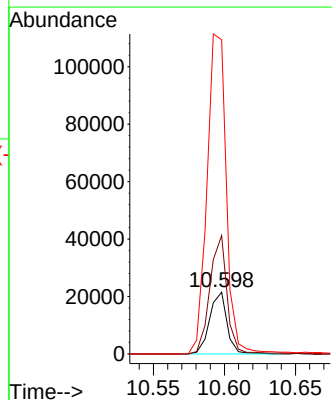
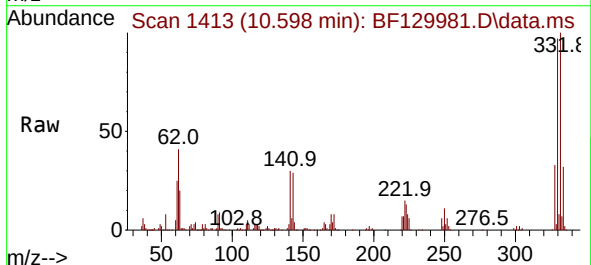
Instrument :
BNA_F
ClientSampleId :
MW-104D

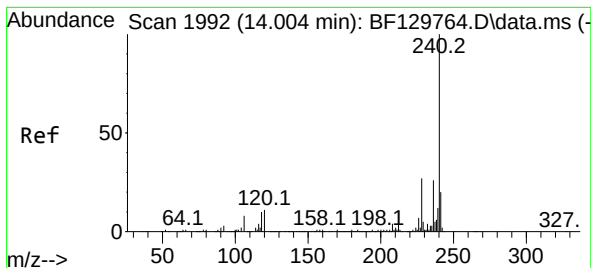
Tgt Ion:188 Resp: 317669
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.936 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.235 min
Lab File: BF129981.D
Acq: 24 Aug 2022 20:22

Tgt Ion:248 Resp: 18366
Ion Ratio Lower Upper
248 100
250 191.7 77.8 116.6#
141 508.9 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF129981.D

Acq: 24 Aug 2022 20:22

Instrument :

BNA_F

ClientSampleId :

MW-104D

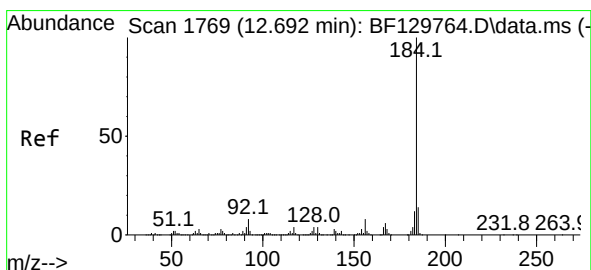
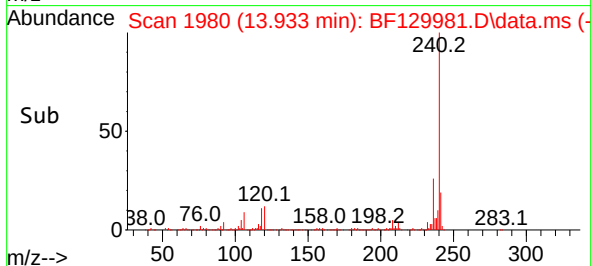
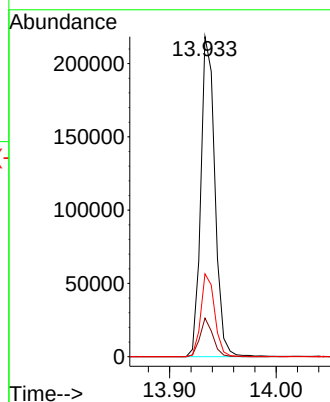
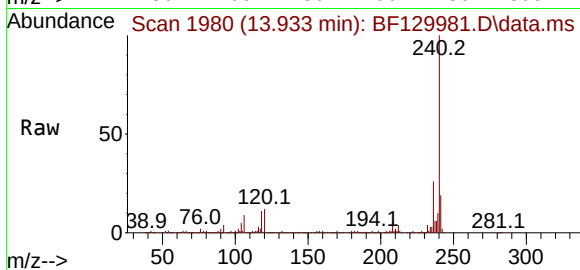
Tgt Ion:240 Resp: 201659

Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.9 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.874 min Scan# 1800

Delta R.T. 0.241 min

Lab File: BF129981.D

Acq: 24 Aug 2022 20:22

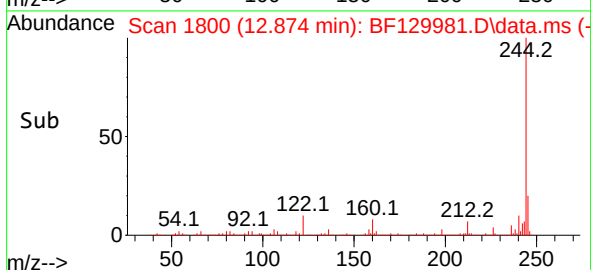
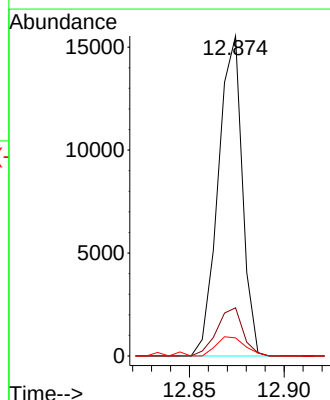
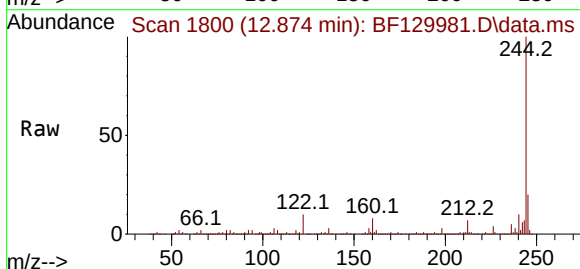
Tgt Ion:184 Resp: 13753

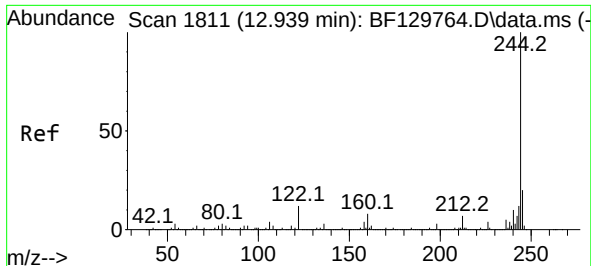
Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.2

183 5.6 9.4 14.2#

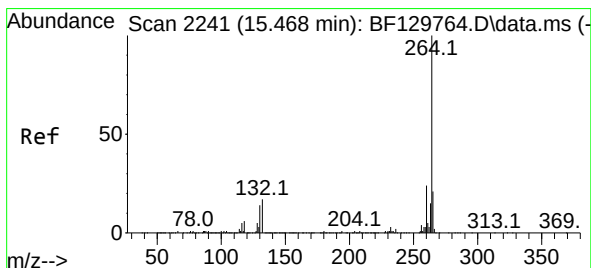
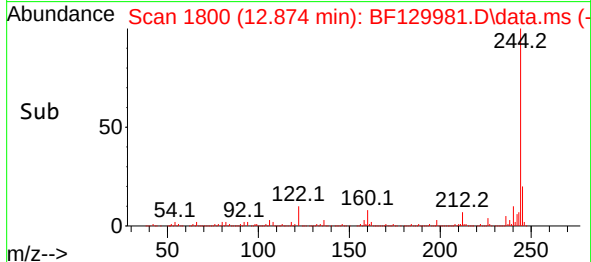
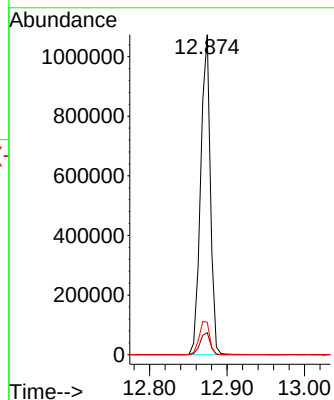
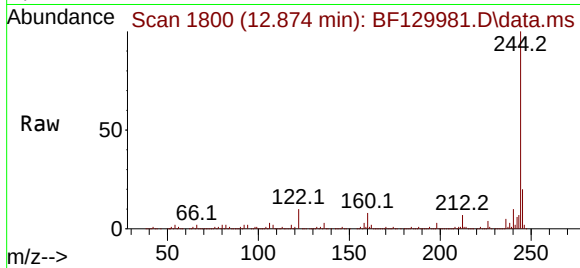




#79
 Terphenyl-d14
 Concen: 76.903 ng
 RT: 12.874 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: BF129981.D
 Acq: 24 Aug 2022 20:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tgt Ion:244 Resp: 932022
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. -0.000 min
 Lab File: BF129981.D
 Acq: 24 Aug 2022 20:22

Tgt Ion:264 Resp: 204034
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.6 16.7 25.1

