

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135653.D
 Acq On : 09 Oct 2023 15:34
 Operator : CG\JU
 Sample : 04656-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Quant Time: Oct 09 16:20:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

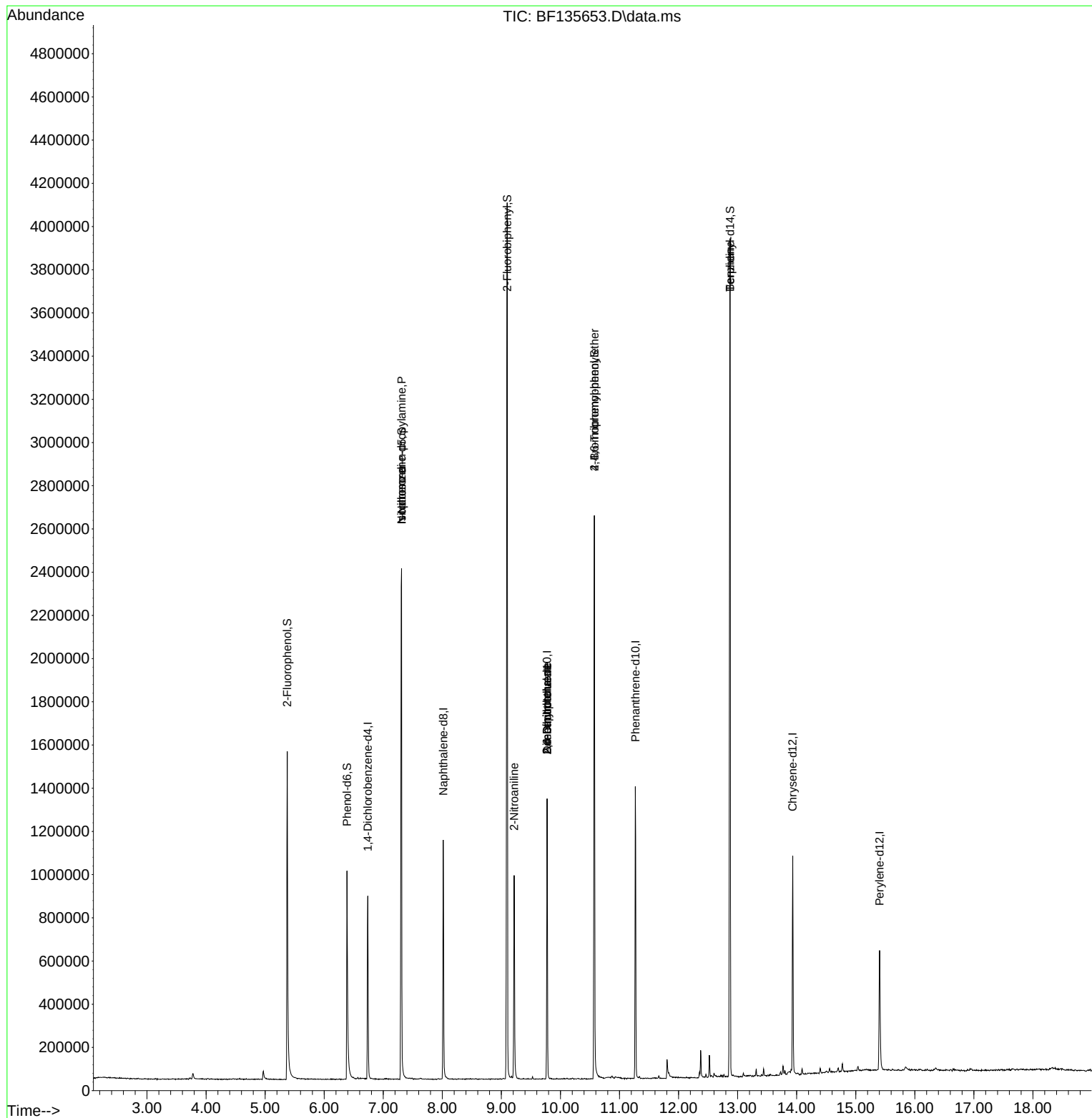
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	130820	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	495944	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	251337	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	508634	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	339415	20.000	ng	0.00
86) Perylene-d12	15.404	264	277133	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	465579	57.884	ng	0.00
7) Phenol-d6	6.387	99	364064	35.596	ng	0.00
23) Nitrobenzene-d5	7.310	82	825161	90.394	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	325392	130.278	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1440785	86.487	ng	0.00
79) Terphenyl-d14	12.874	244	1572077	71.801	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	108675	17.155	ng	# 78
25) Isophorone	7.310	82	825153	49.227	ng	# 65
48) 2-Nitroaniline	9.216	65	10512	1.931	ng	# 16
50) Dimethylphthalate	9.775	163	46813	2.755	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	31889	8.566	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	31889	6.843	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	19224	3.800	ng	# 1
77) Benzidine	12.874	184	20103	2.891	ng	# 94

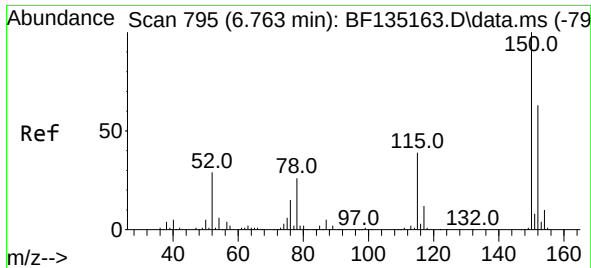
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135653.D
Acq On : 09 Oct 2023 15:34
Operator : CG\JU
Sample : 04656-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-106I

Quant Time: Oct 09 16:20:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

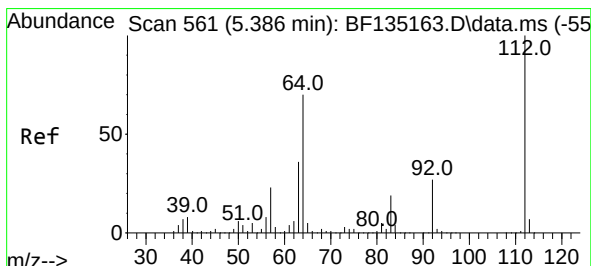
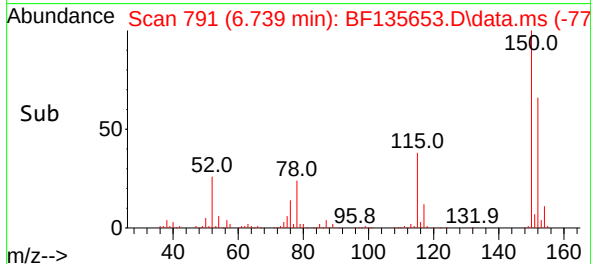
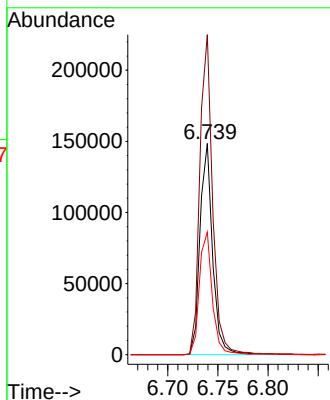
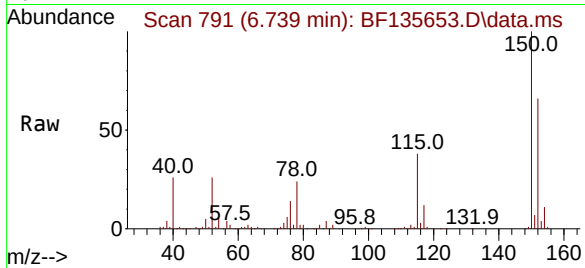




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135653.D
 Acq: 09 Oct 2023 15:34

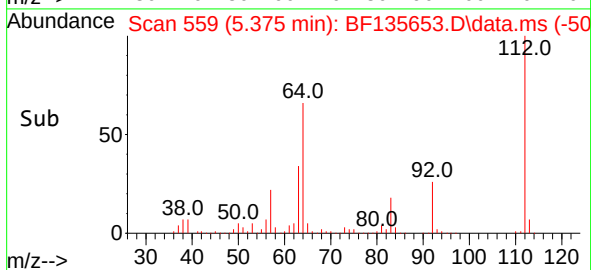
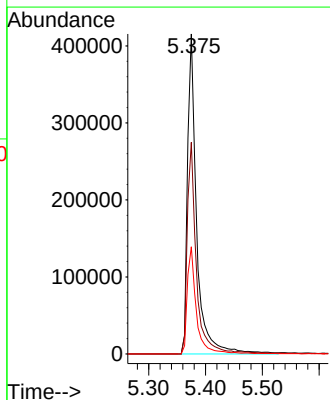
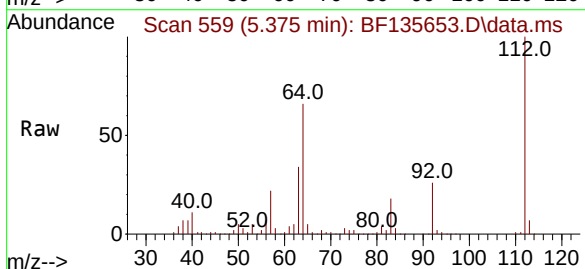
Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

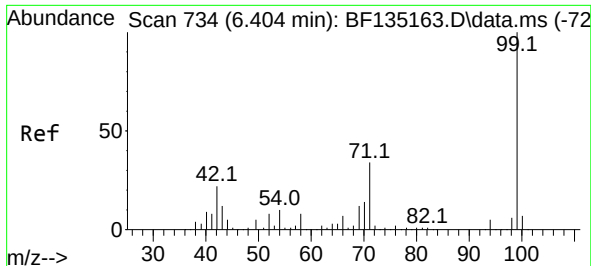
Tgt Ion:152 Resp: 130820
 Ion Ratio Lower Upper
 152 100
 150 151.6 127.8 191.6
 115 58.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 57.884 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: BF135653.D
 Acq: 09 Oct 2023 15:34

Tgt Ion:112 Resp: 465579
 Ion Ratio Lower Upper
 112 100
 64 66.1 55.9 83.9
 63 33.5 29.0 43.6





#7

Phenol-d6

Concen: 35.596 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I

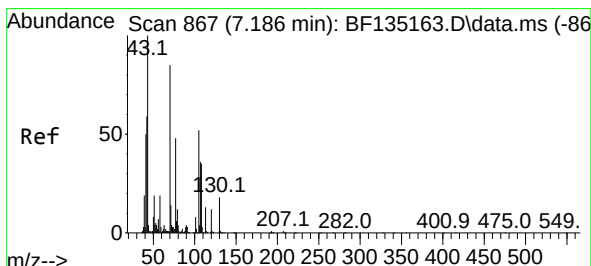
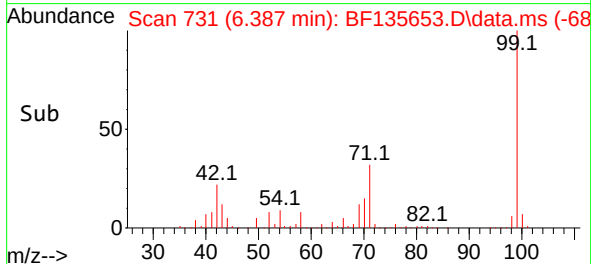
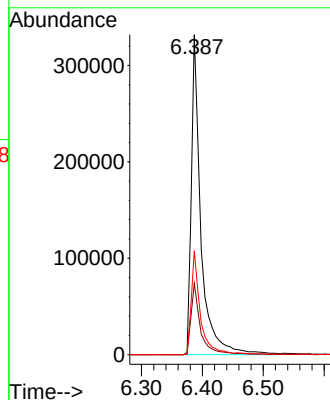
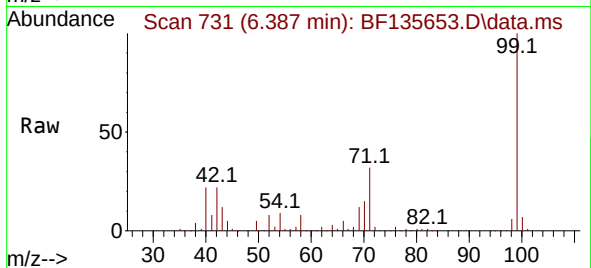
Tgt Ion: 99 Resp: 364064

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

71 32.5 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.155 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.153 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Tgt Ion: 70 Resp: 108675

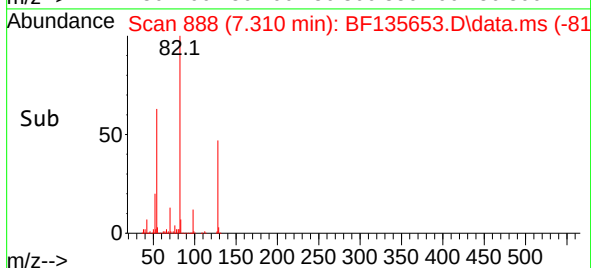
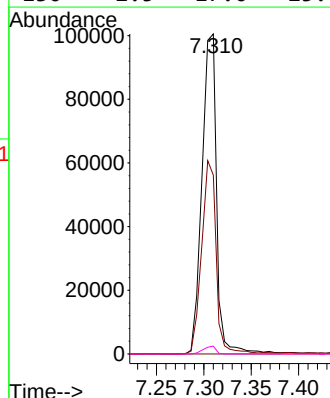
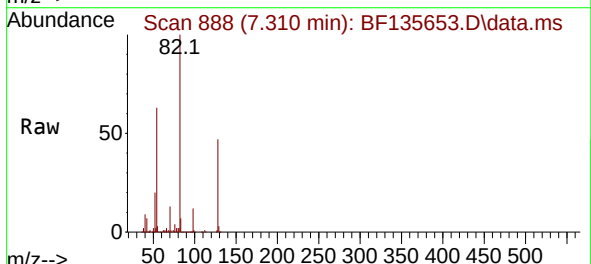
Ion Ratio Lower Upper

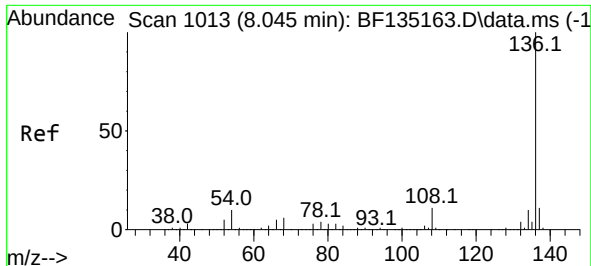
70 100

42 55.9 55.4 83.0

101 0.0 7.7 11.5#

130 2.5 17.0 25.6#



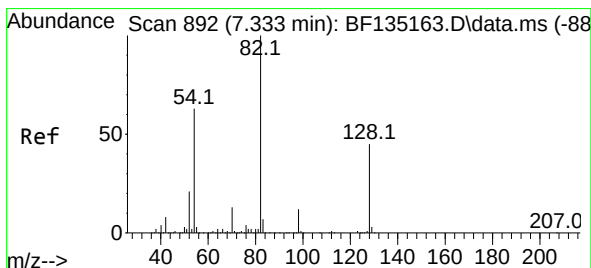
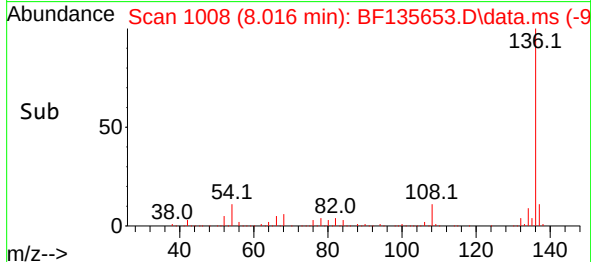
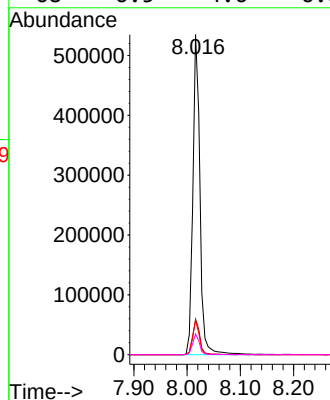
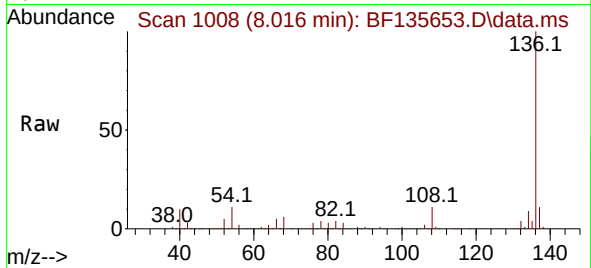


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Instrument :
BNA_F
ClientSampleId :
MW-106I

Tgt Ion:136 Resp: 495944

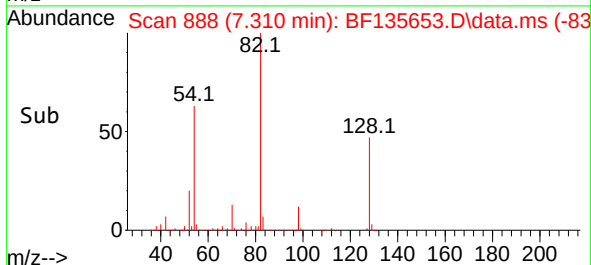
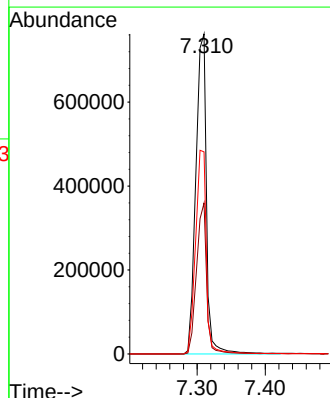
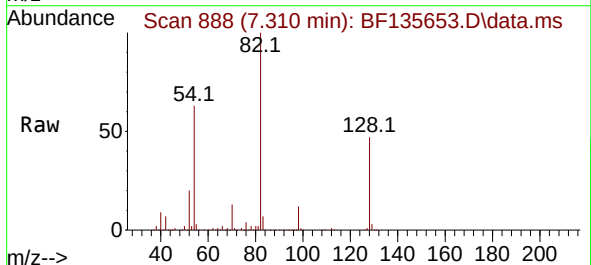
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.6	7.7	11.5
68	6.5	4.6	6.8

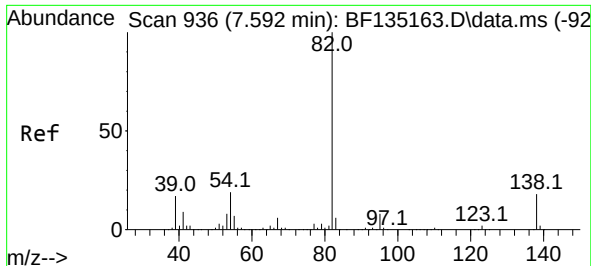


#23
Nitrobenzene-d5
Concen: 90.394 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Tgt Ion: 82 Resp: 825161

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.8	53.6
54	63.2	50.6	76.0

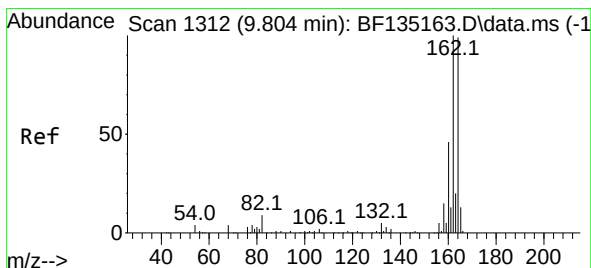
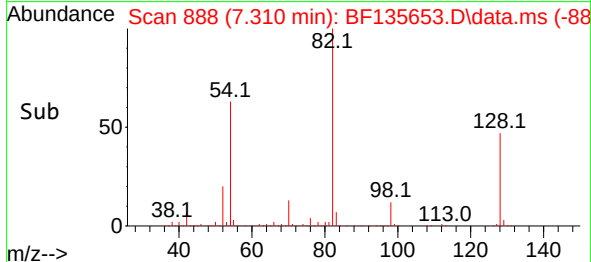
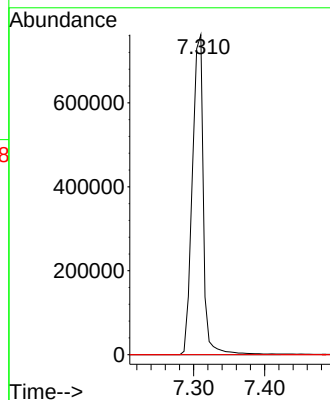
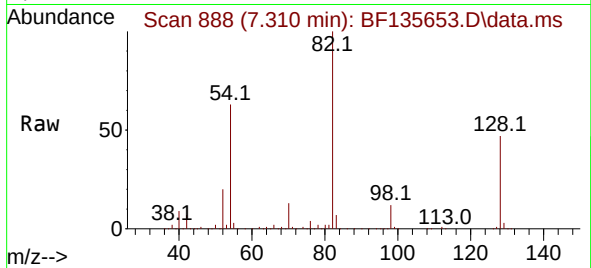




#25
Isophorone
Concen: 49.227 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

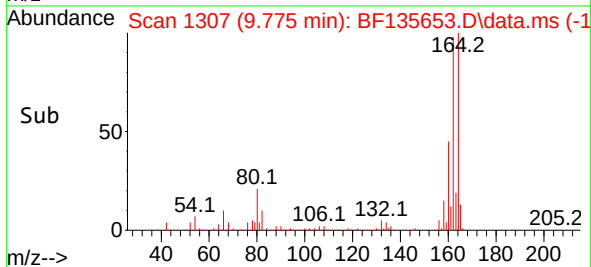
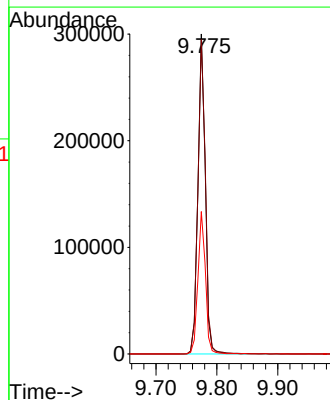
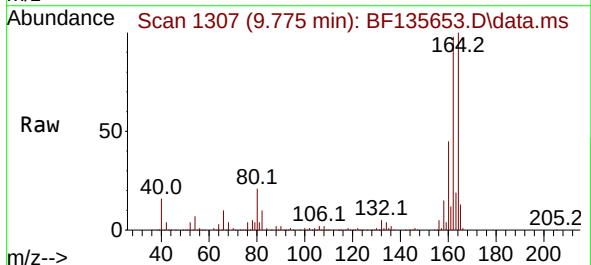
Instrument :
BNA_F
ClientSampleId :
MW-106I

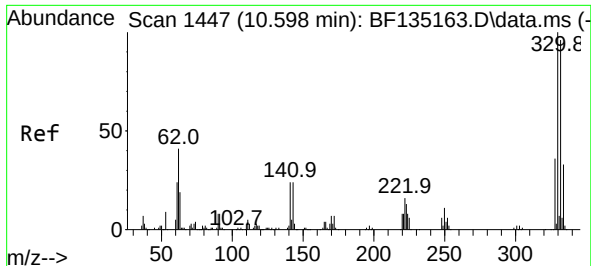
Tgt Ion: 82 Resp: 825153
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Tgt Ion:164 Resp: 251337
Ion Ratio Lower Upper
164 100
162 98.3 81.0 121.4
160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.278 ng

RT: 10.575 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BF135653.D

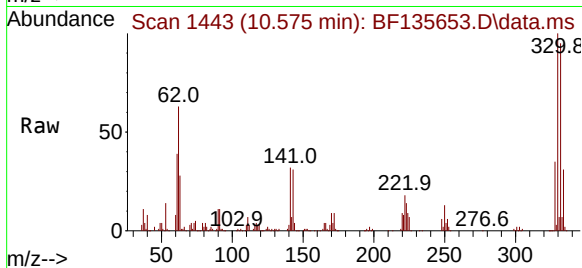
Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I



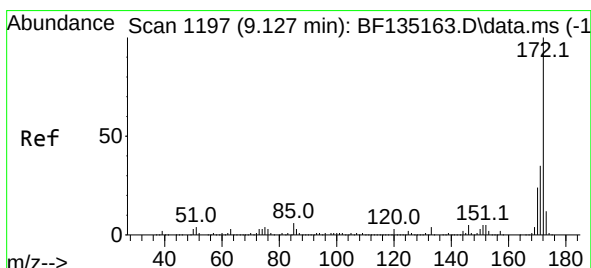
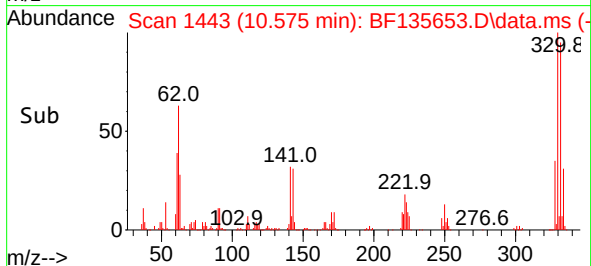
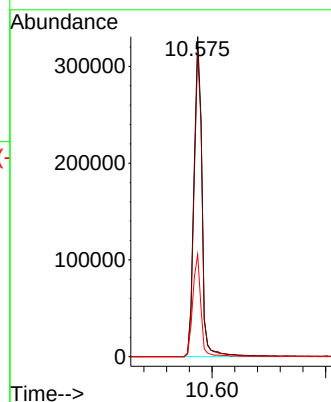
Tgt Ion:330 Resp: 325392

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 32.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 86.487 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

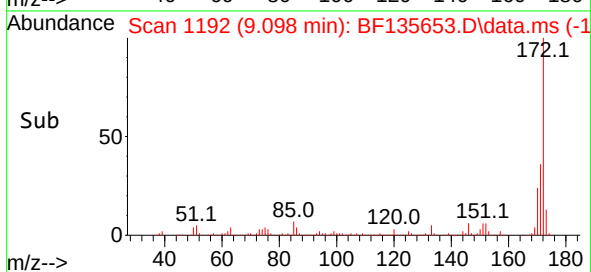
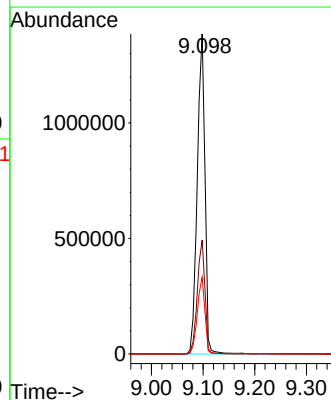
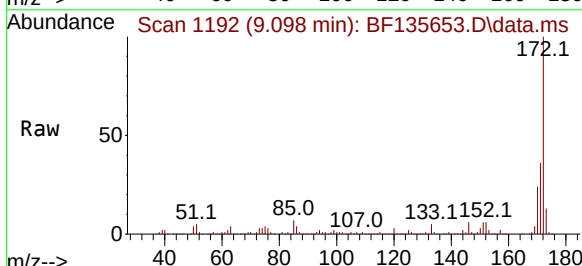
Tgt Ion:172 Resp: 1440785

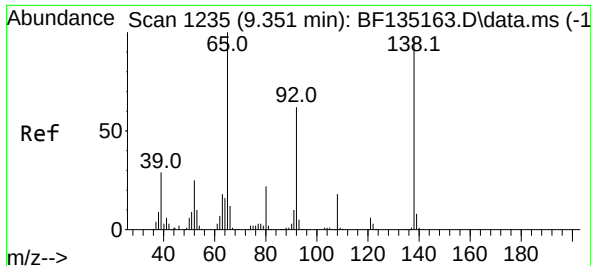
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 19.0 28.4

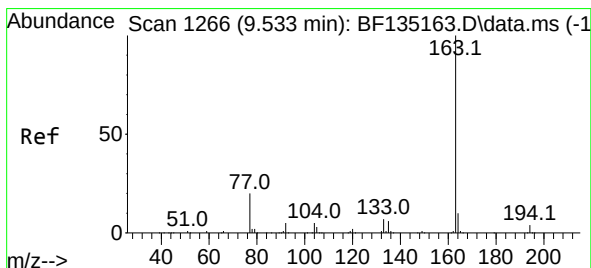
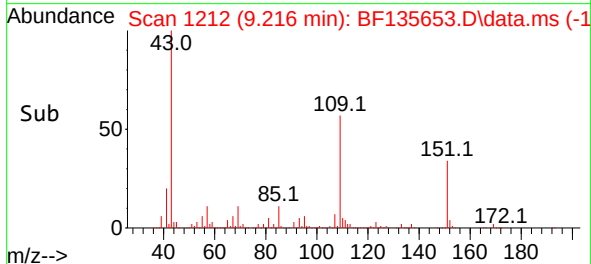
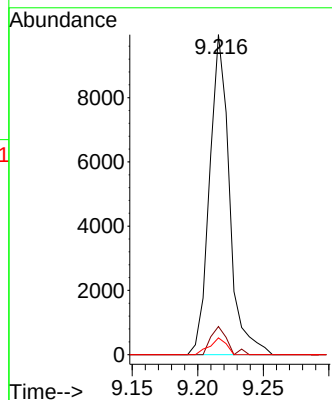
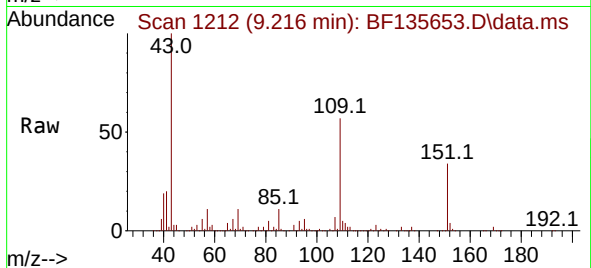




#48
2-Nitroaniline
Concen: 1.931 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

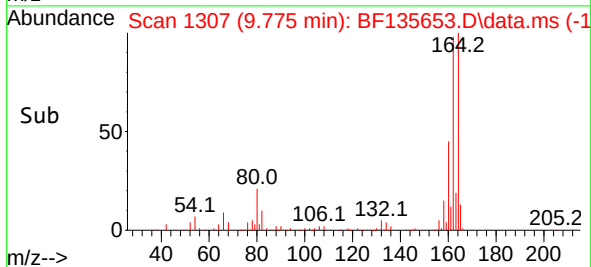
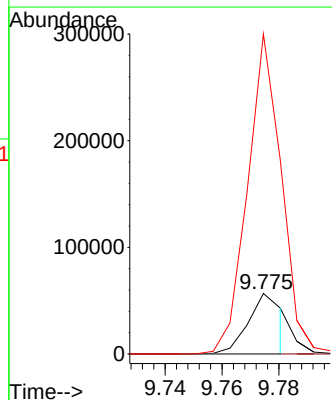
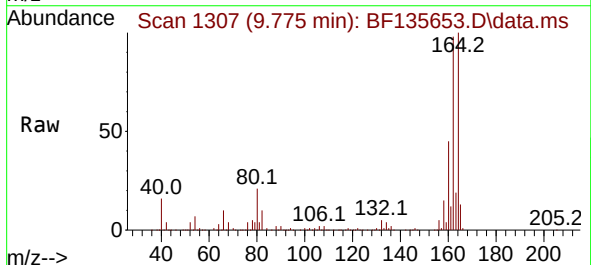
Instrument :
BNA_F
ClientSampleId :
MW-106I

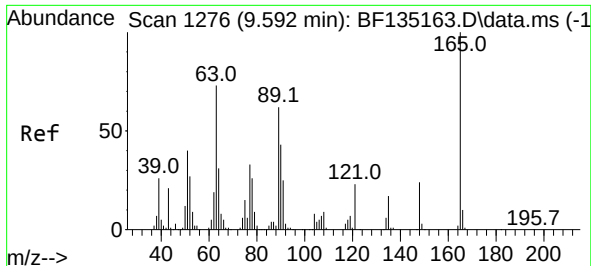
Tgt Ion: 65 Resp: 10512
Ion Ratio Lower Upper
65 100
92 8.8 49.4 74.0#
138 5.2 77.4 116.0#



#50
Dimethylphthalate
Concen: 2.755 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Tgt Ion:163 Resp: 46813
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 528.5 8.1 12.1#

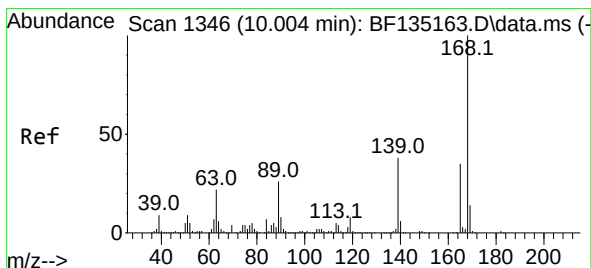
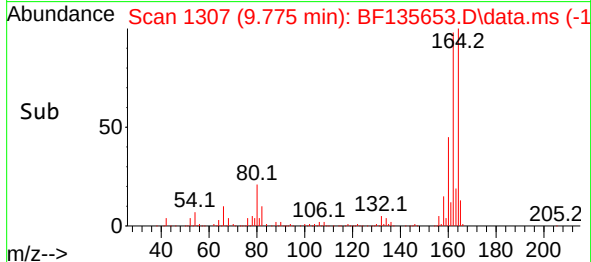
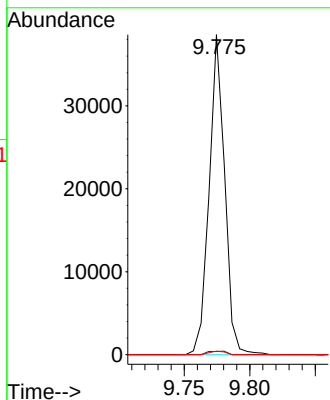
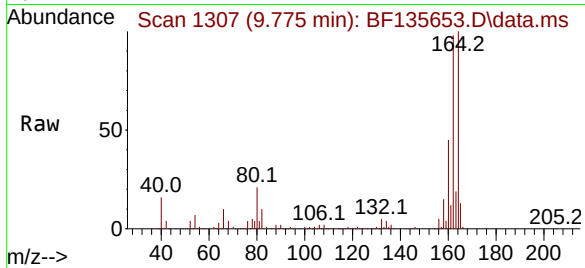




#51
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

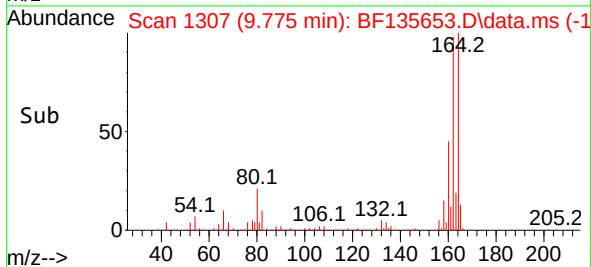
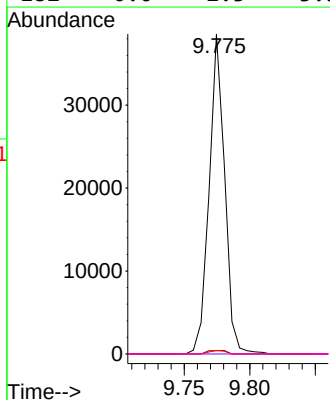
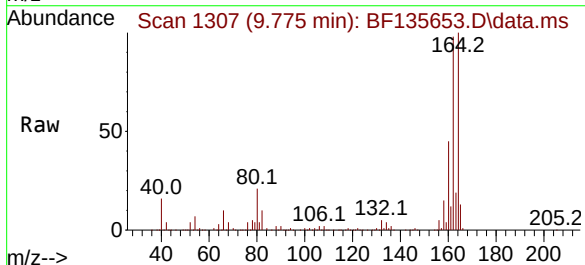
Instrument :
BNA_F
ClientSampleId :
MW-106I

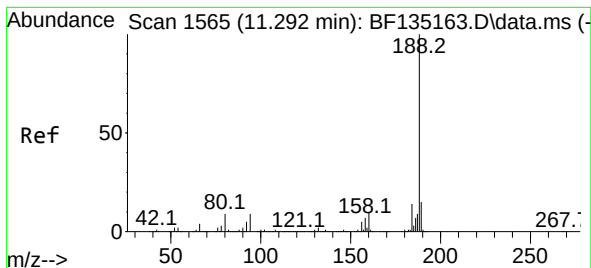
Tgt Ion:165 Resp: 31889
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135653.D
Acq: 09 Oct 2023 15:34

Tgt Ion:165 Resp: 31889
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I

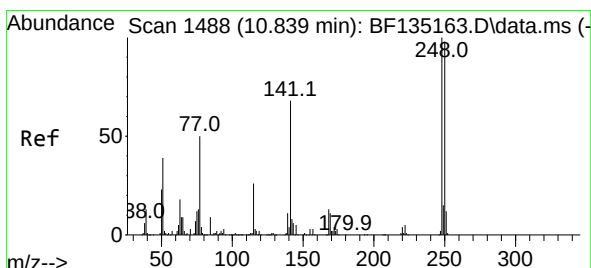
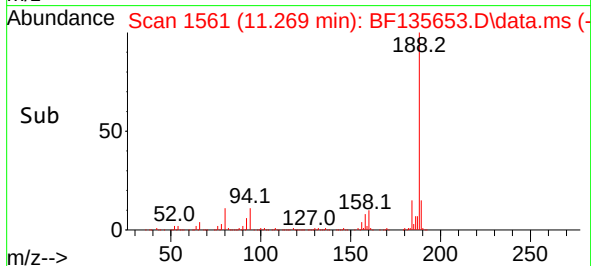
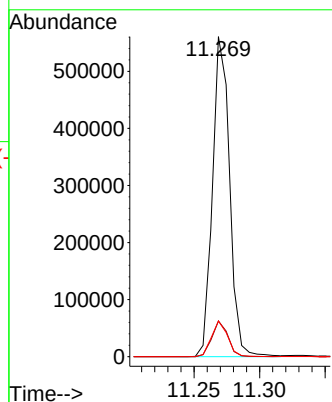
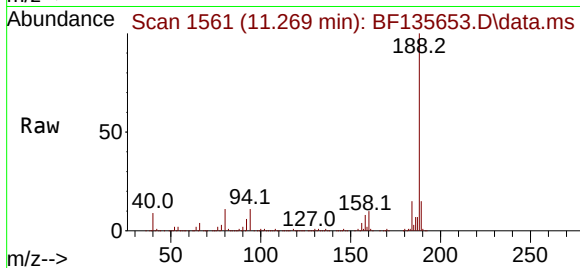
Tgt Ion:188 Resp: 508634

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 11.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.800 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

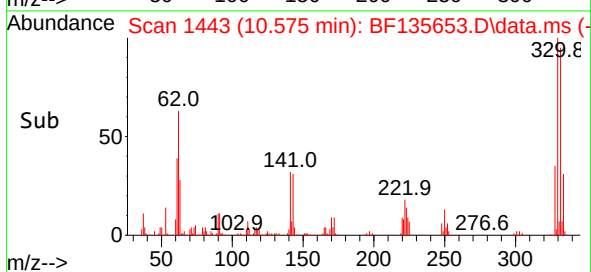
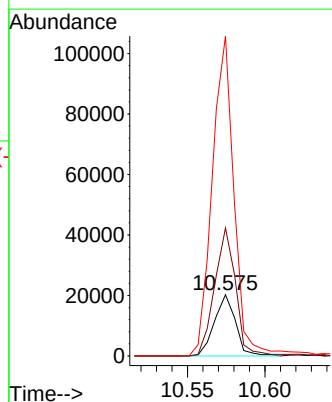
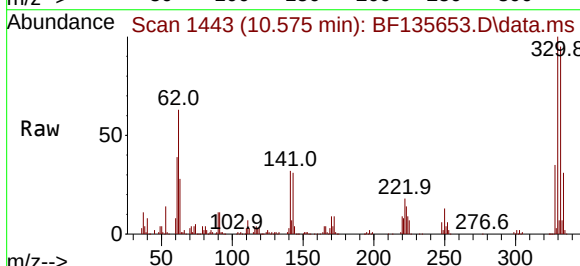
Tgt Ion:248 Resp: 19224

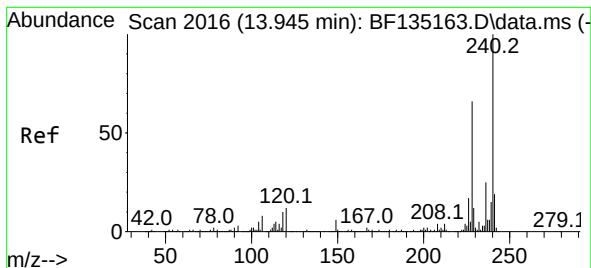
Ion Ratio Lower Upper

248 100

250 209.0 78.6 117.8#

141 522.5 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I

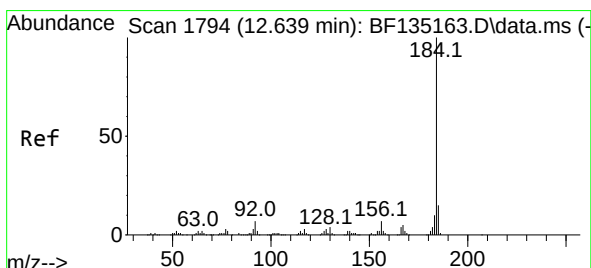
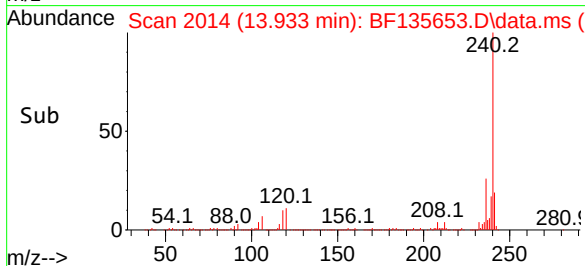
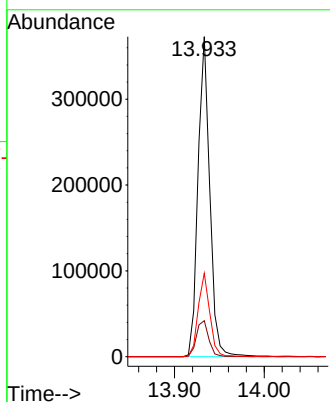
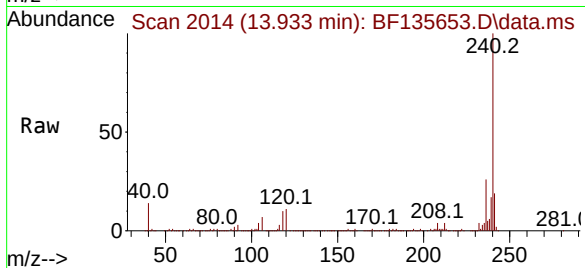
Tgt Ion:240 Resp: 339415

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.1 19.8 29.8



#77

Benzidine

Concen: 2.891 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.259 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

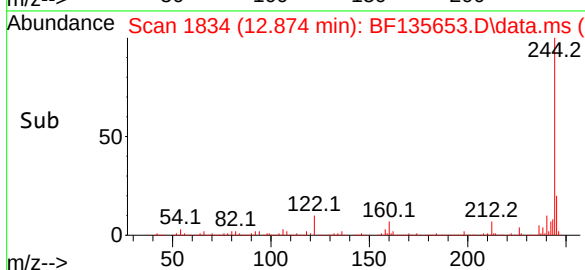
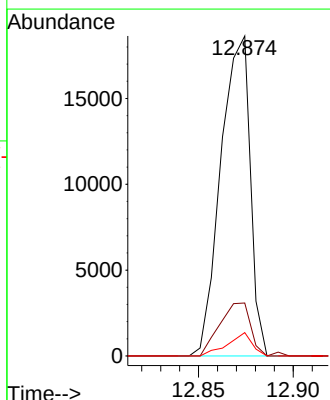
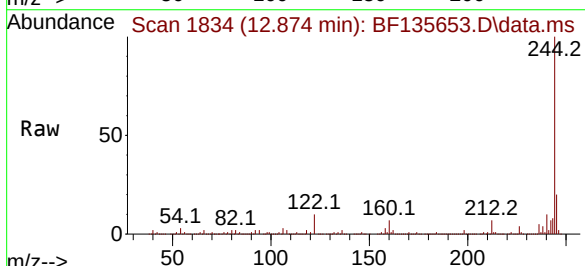
Tgt Ion:184 Resp: 20103

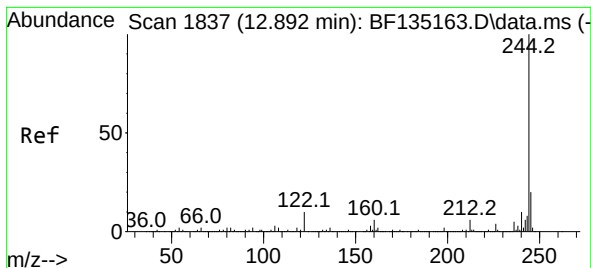
Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

183 7.3 8.2 12.4#





#79

Terphenyl-d14

Concen: 71.801 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.012 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

MW-106I

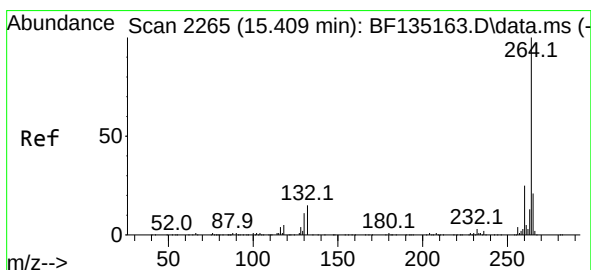
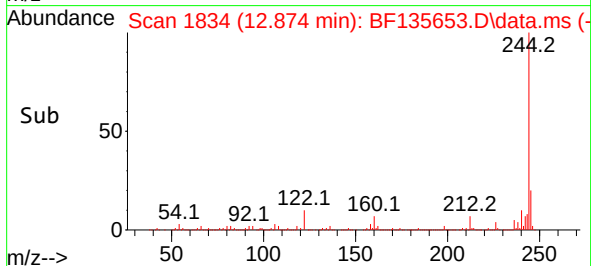
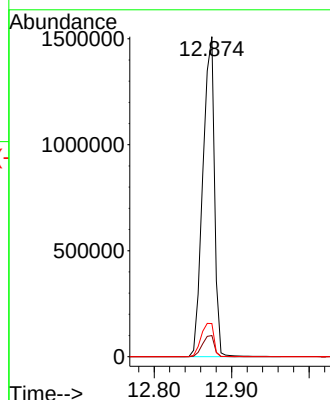
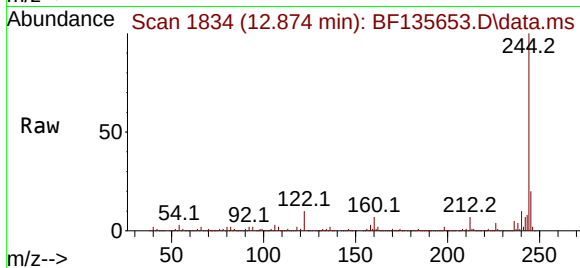
Tgt Ion:244 Resp: 1572077

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135653.D

Acq: 09 Oct 2023 15:34

Tgt Ion:264 Resp: 277133

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.7 17.0 25.4

