

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137639.D
 Acq On : 18 Mar 2024 19:05
 Operator : CG\JU
 Sample : P1773-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

Quant Time: Mar 18 23:25:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

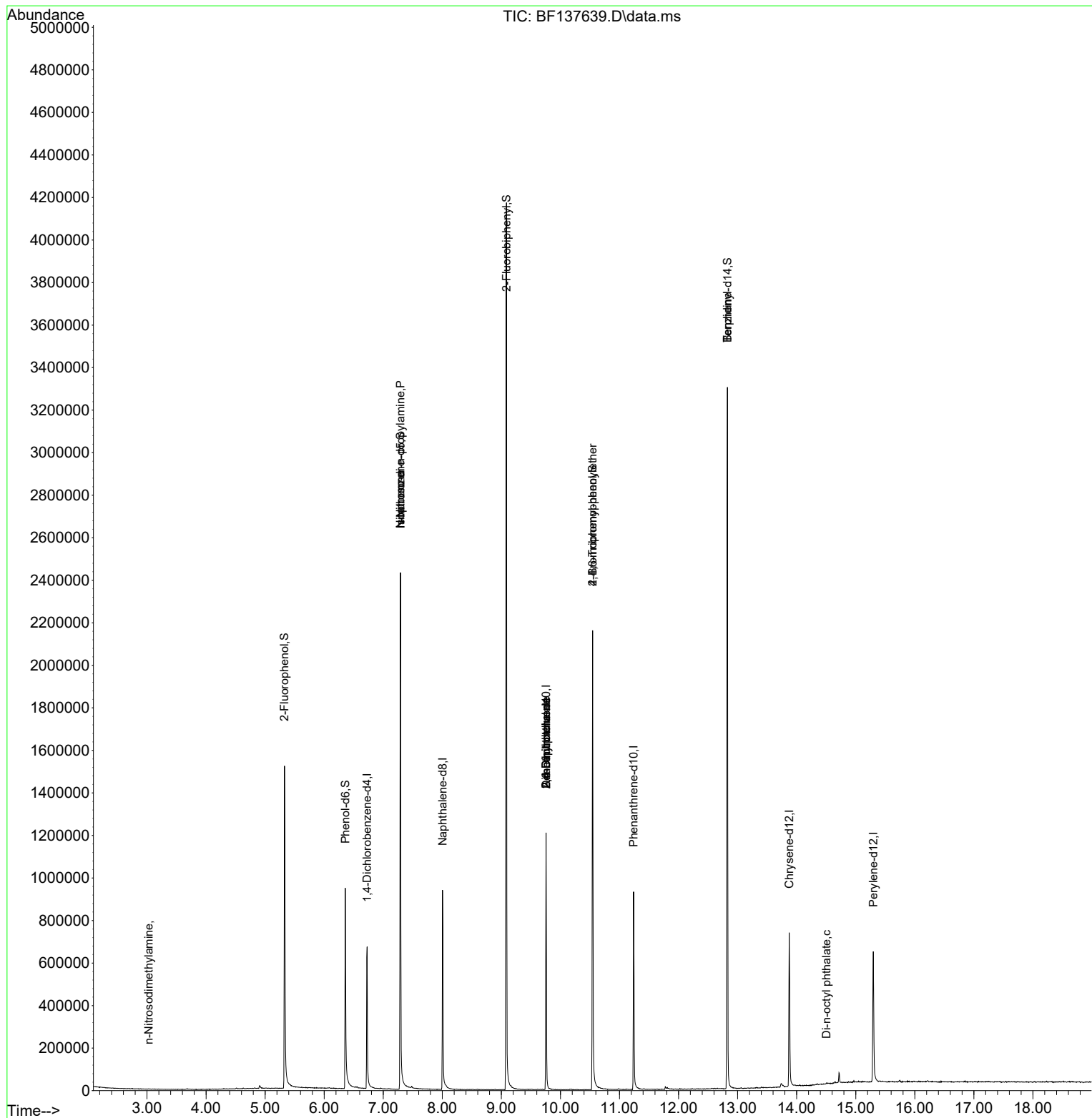
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113216	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	437753	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	232263	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	346890	20.000	ng	0.00
76) Chrysene-d12	13.874	240	258298	20.000	ng	0.00
86) Perylene-d12	15.298	264	280492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	463736	62.036	ng	0.00
7) Phenol-d6	6.357	99	372811	34.550	ng	-0.01
23) Nitrobenzene-d5	7.292	82	827293	87.811	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	254181	124.619	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1371280	92.419	ng	0.00
79) Terphenyl-d14	12.827	244	1201287	63.953	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.028	42	227	3.861	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	104616	15.701	ng	# 80
25) Isophorone	7.292	82	827293	46.220	ng	# 69
50) Dimethylphthalate	9.757	163	33974	2.101	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	30330	8.969	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	30325	7.299	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	16403	4.341	ng	# 1
77) Benzidine	12.827	184	13523	2.139	ng	# 93
85) Di-n-octyl phthalate	14.504	149	357	5.627	ng	# 1

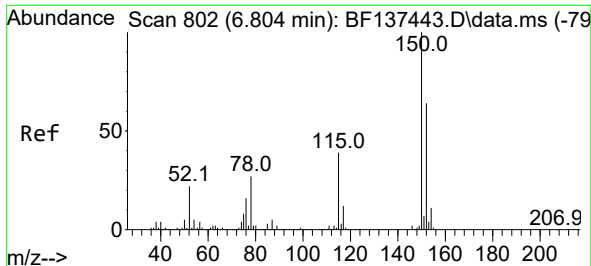
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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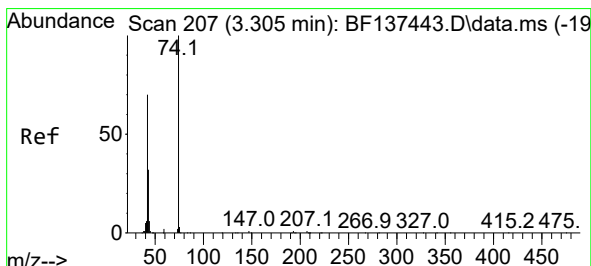
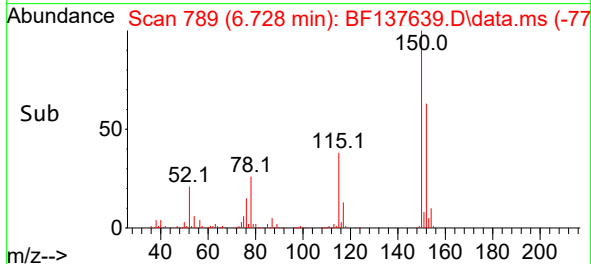
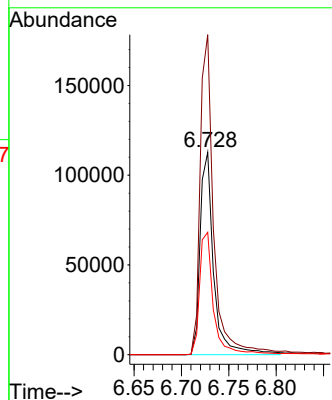
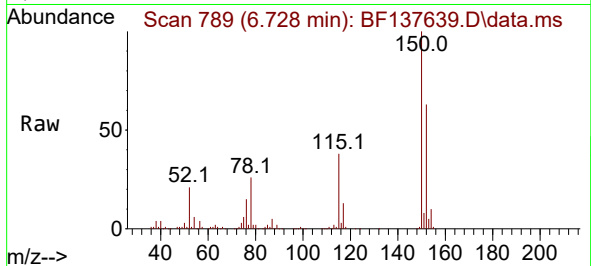




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

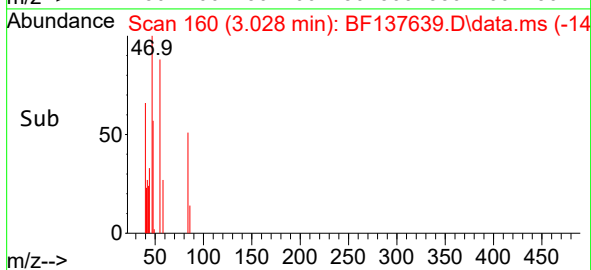
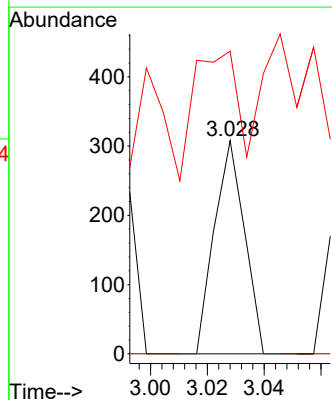
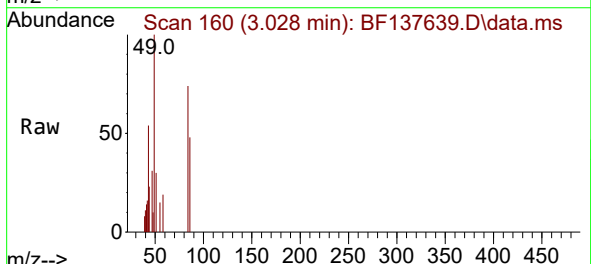
Instrument :
BNA_F
ClientSampleId :
MW-4B

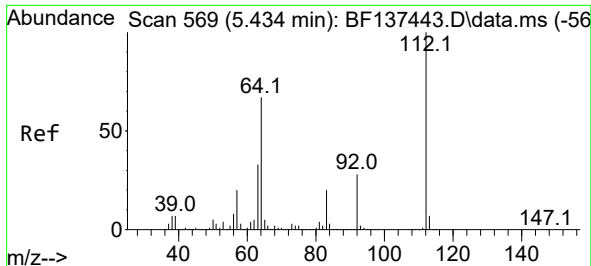
Tgt Ion:152 Resp: 113216
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 60.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.861 ng
RT: 3.028 min Scan# 160
Delta R.T. -0.012 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

Tgt Ion: 42 Resp: 227
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 141.9 7.0 10.4#

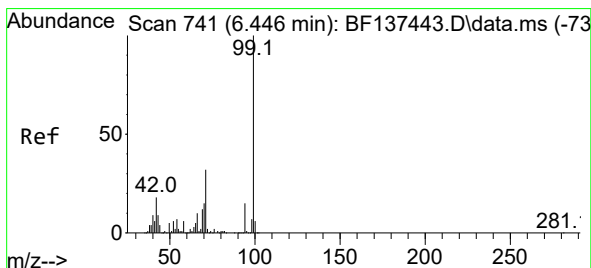
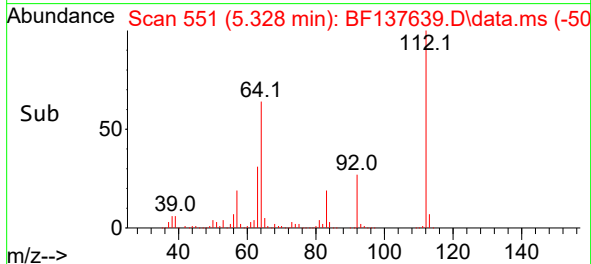
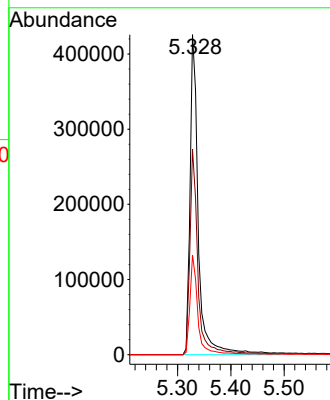
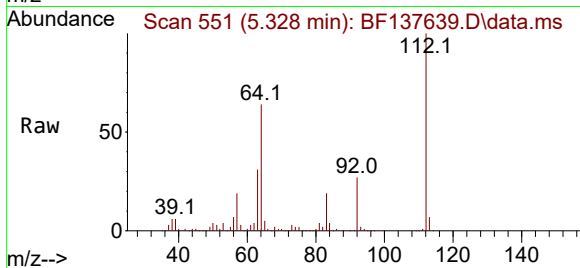




#5
2-Fluorophenol
Concen: 62.036 ng
RT: 5.328 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

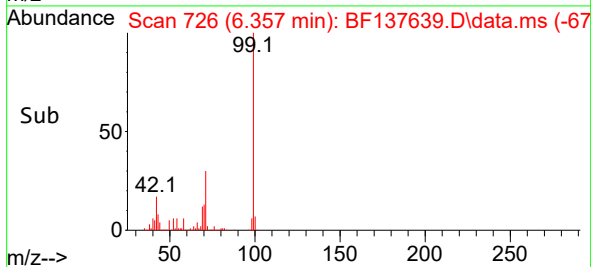
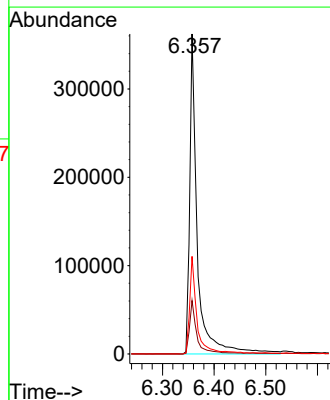
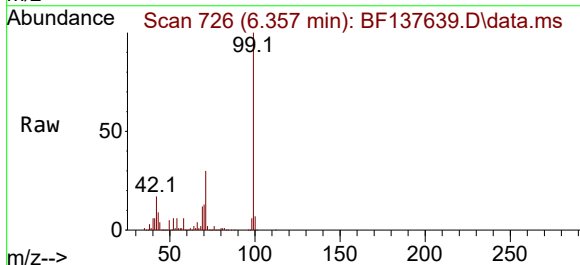
Instrument :
BNA_F
ClientSampleId :
MW-4B

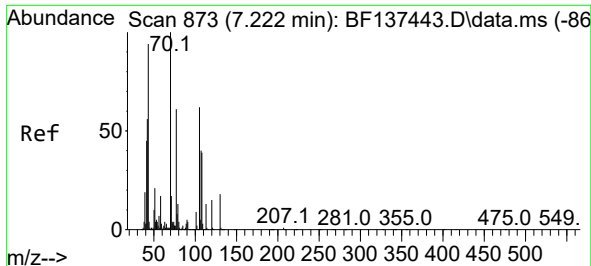
Tgt Ion:112 Resp: 463736
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.1 26.2 39.2



#7
Phenol-d6
Concen: 34.550 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

Tgt Ion: 99 Resp: 372811
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 30.5 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 15.701 ng

RT: 7.292 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF137639.D

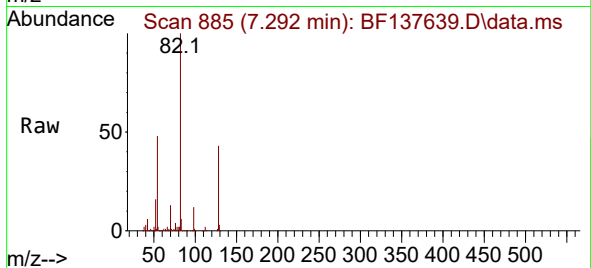
Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B



Tgt Ion: 70 Resp: 104616

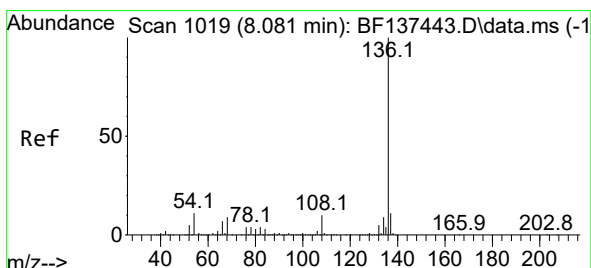
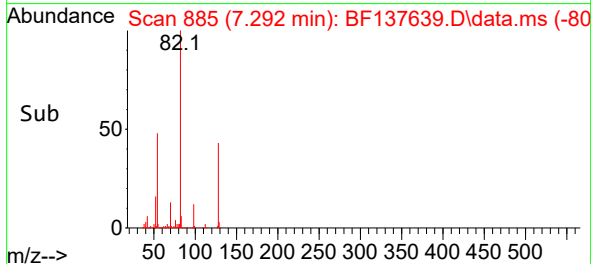
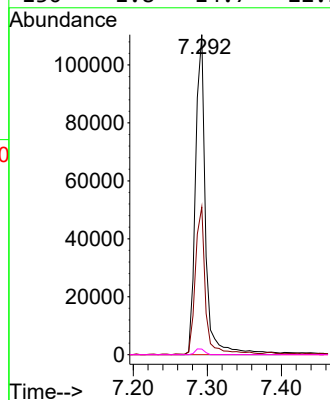
Ion Ratio Lower Upper

70 100

42 46.1 45.2 67.8

101 0.0 7.3 10.9#

130 1.8 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Tgt Ion:136 Resp: 437753

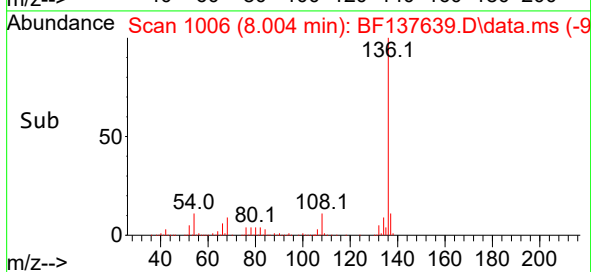
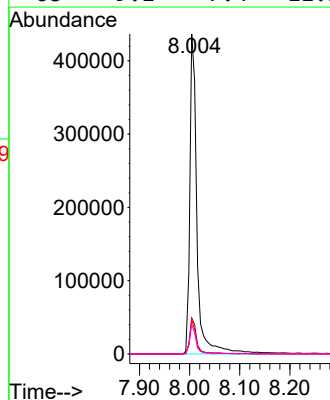
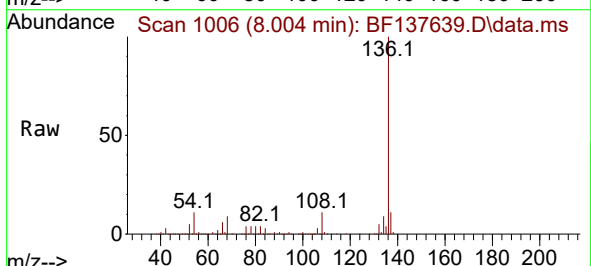
Ion Ratio Lower Upper

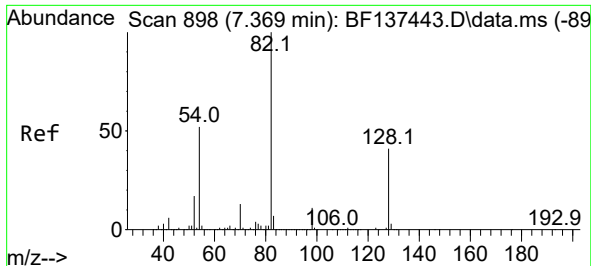
136 100

137 11.2 9.1 13.7

54 10.8 8.5 12.7

68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 87.811 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B

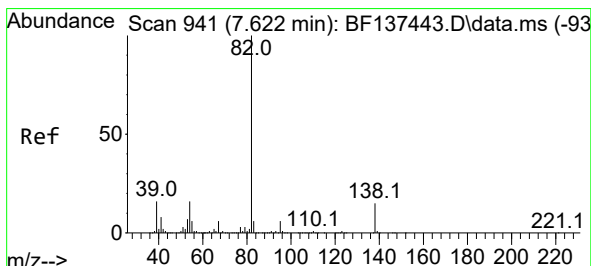
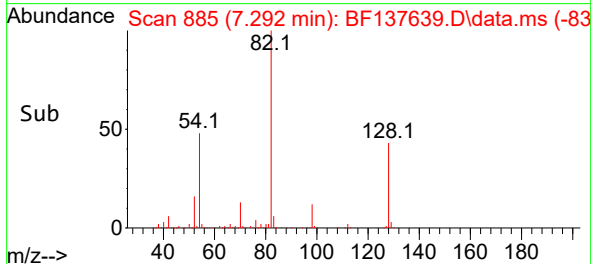
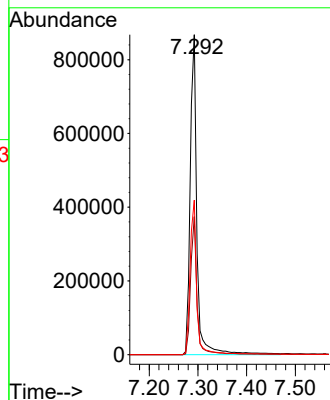
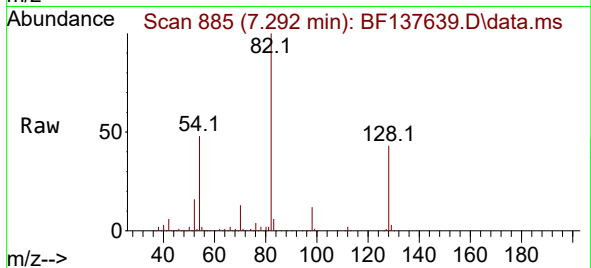
Tgt Ion: 82 Resp: 827293

Ion Ratio Lower Upper

82 100

128 43.1 32.5 48.7

54 48.3 41.5 62.3



#25

Isophorone

Concen: 46.220 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

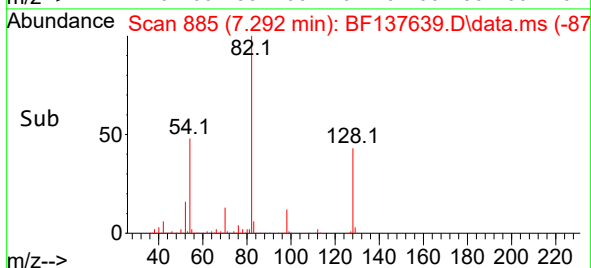
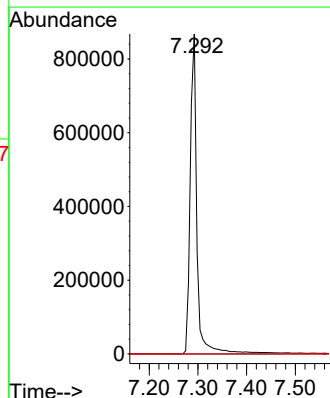
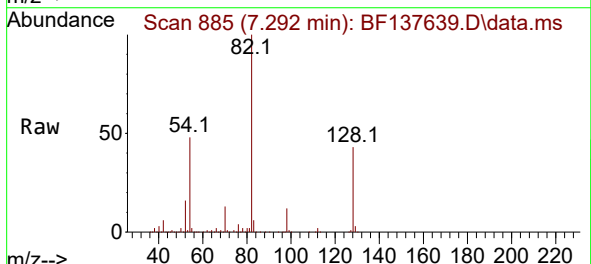
Tgt Ion: 82 Resp: 827293

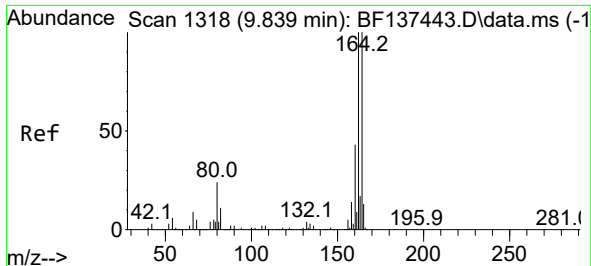
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B

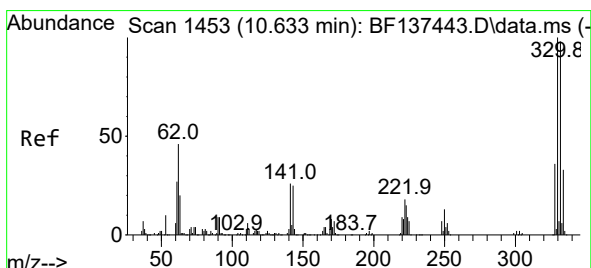
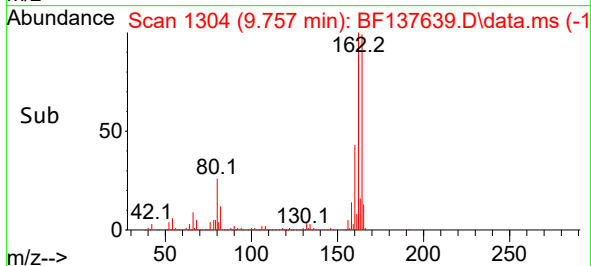
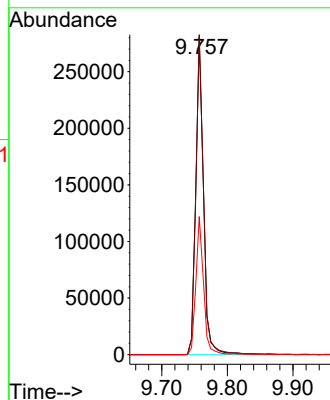
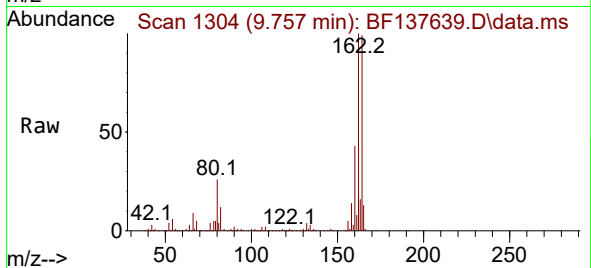
Tgt Ion:164 Resp: 232263

Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 43.4 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 124.619 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

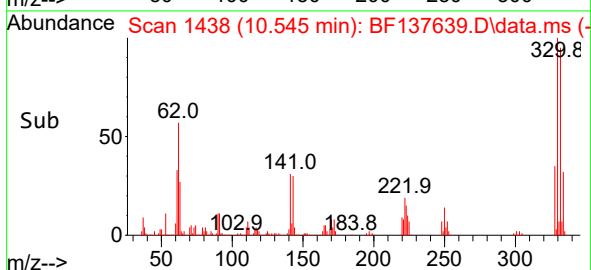
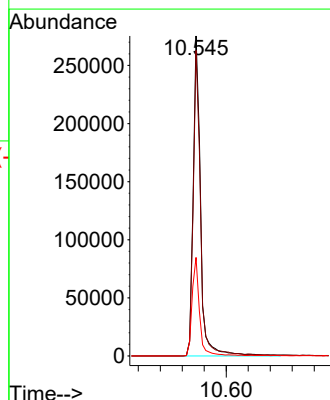
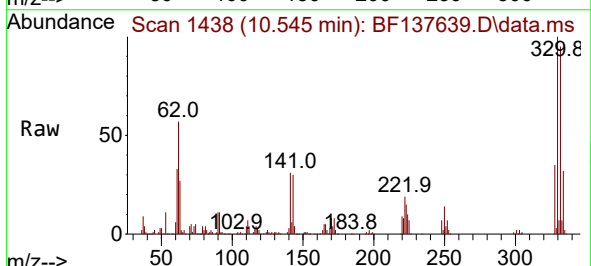
Tgt Ion:330 Resp: 254181

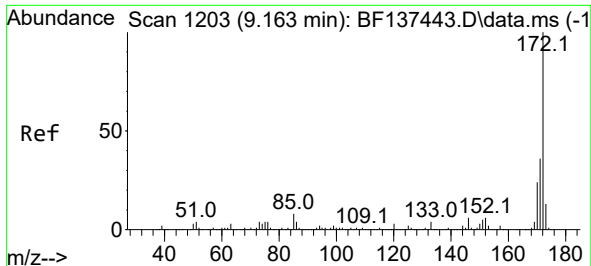
Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 31.3 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 92.419 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B

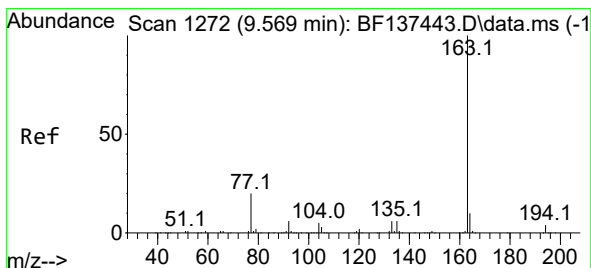
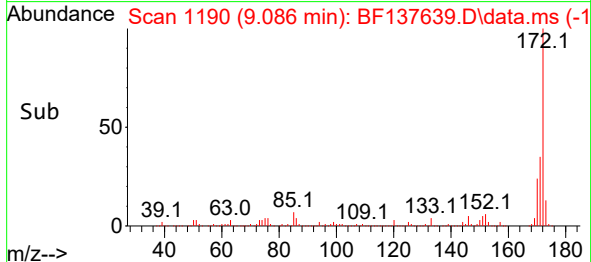
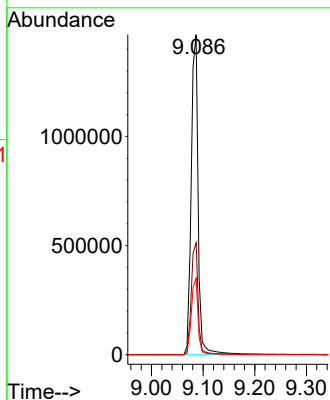
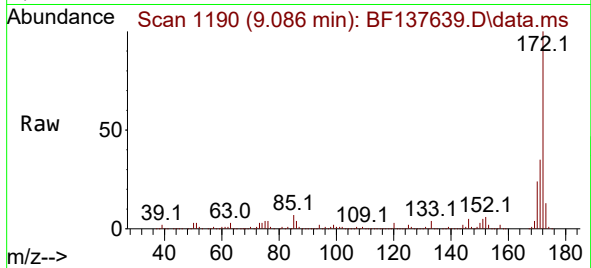
Tgt Ion:172 Resp: 1371280

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.8 19.0 28.6



#50

Dimethylphthalate

Concen: 2.101 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

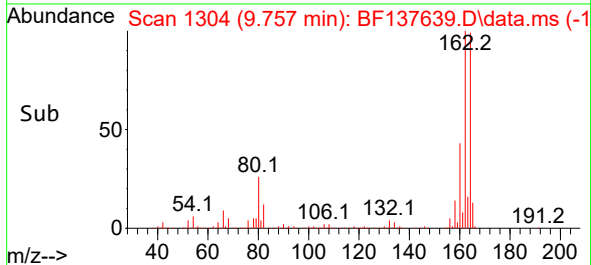
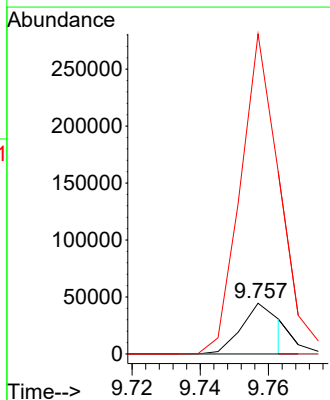
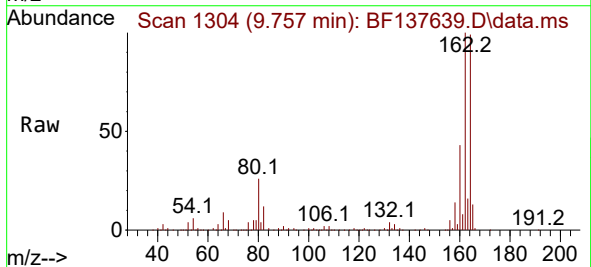
Tgt Ion:163 Resp: 33974

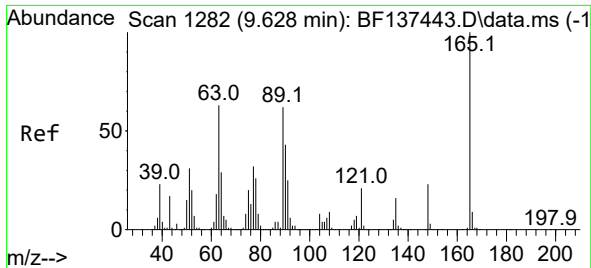
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 631.2 8.1 12.1#

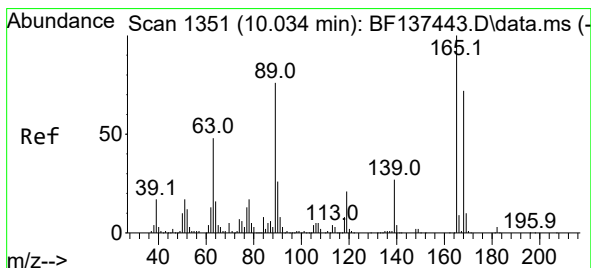
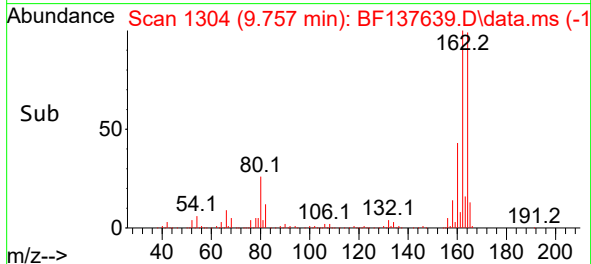
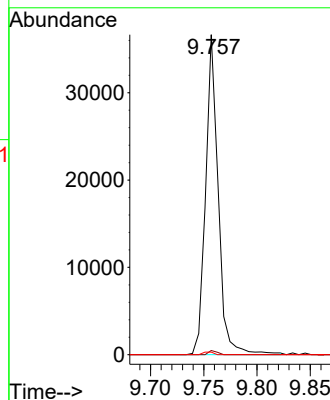
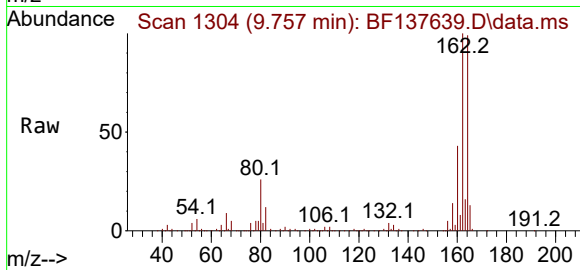




#51
2,6-Dinitrotoluene
Concen: 8.969 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

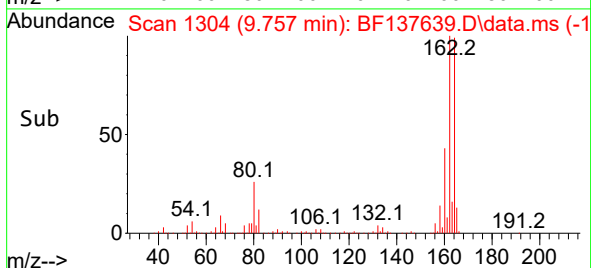
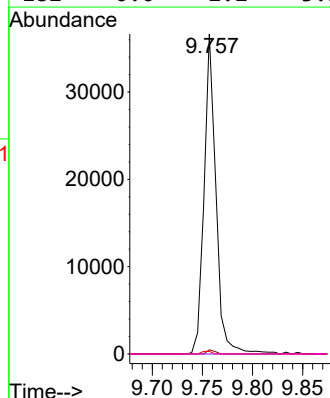
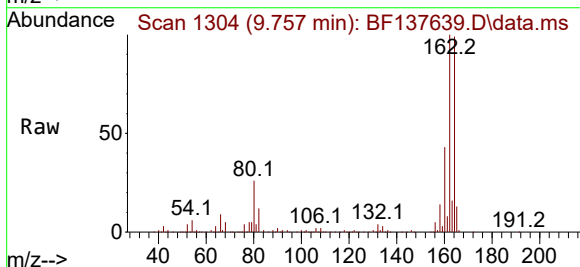
Instrument :
BNA_F
ClientSampleId :
MW-4B

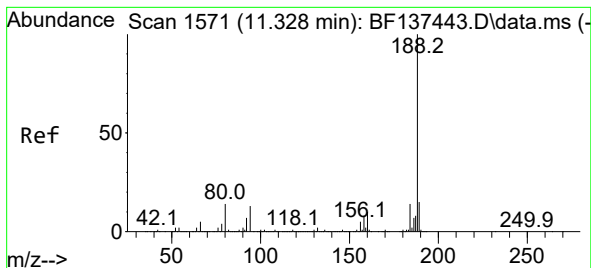
Tgt Ion:165 Resp: 30330
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 0.8 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.299 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

Tgt Ion:165 Resp: 30325
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 0.8 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MW-4B

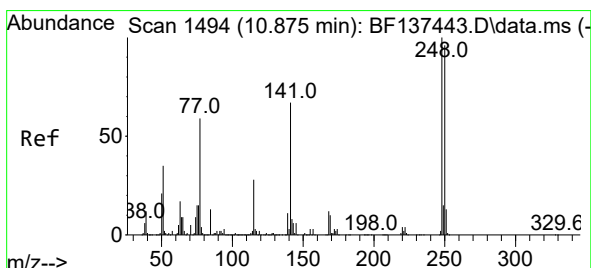
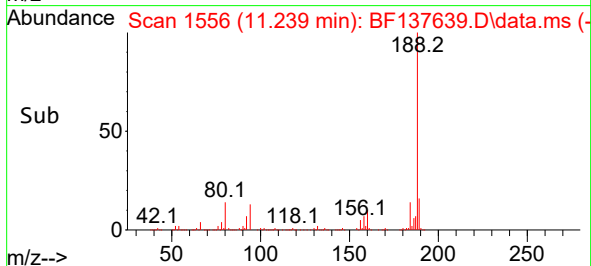
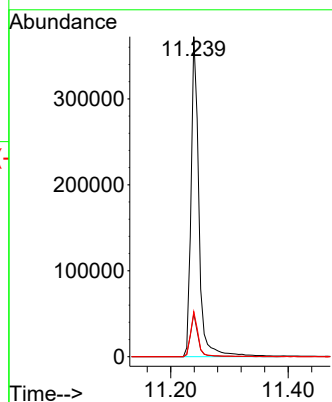
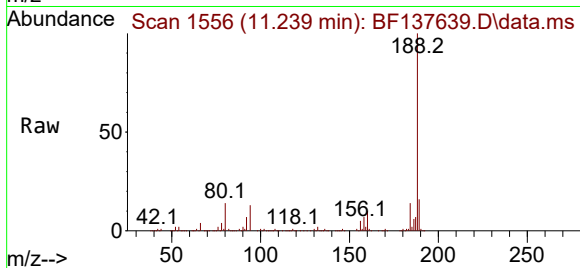
Tgt Ion:188 Resp: 346890

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 14.1 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.341 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137639.D

Acq: 18 Mar 2024 19:05

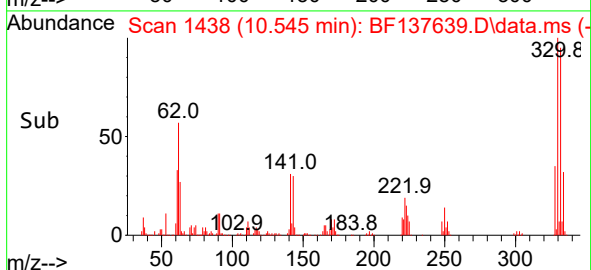
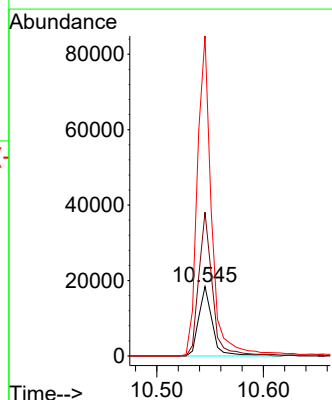
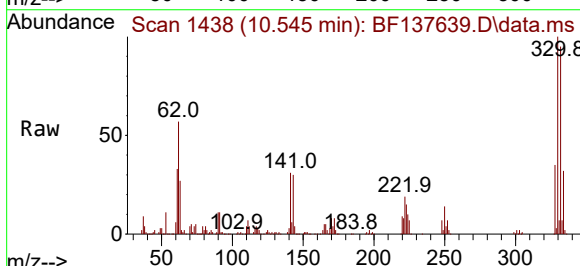
Tgt Ion:248 Resp: 16403

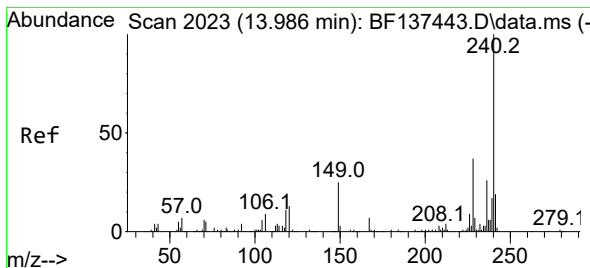
Ion Ratio Lower Upper

248 100

250 207.1 76.8 115.2#

141 460.5 53.4 80.0#

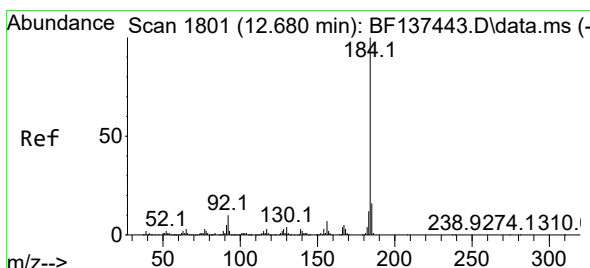
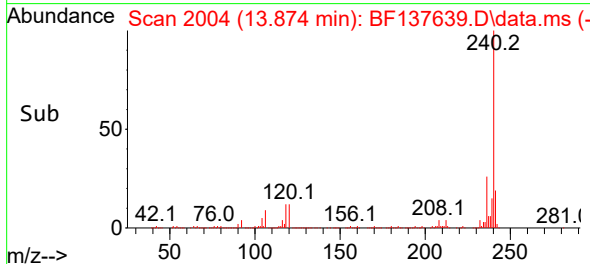
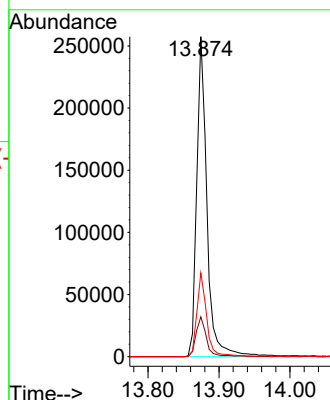
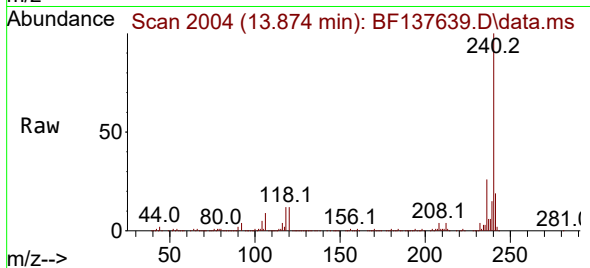




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

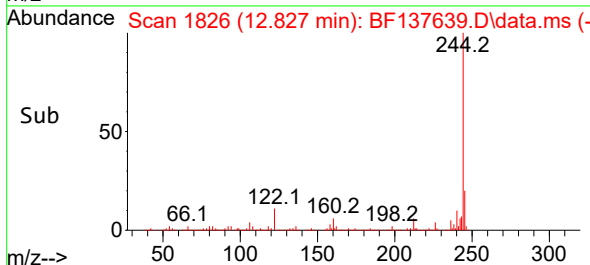
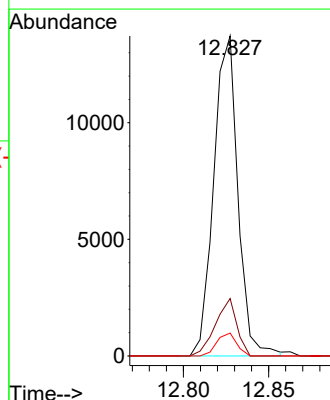
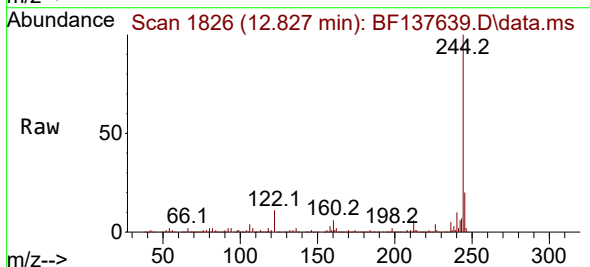
Instrument :
BNA_F
ClientSampleId :
MW-4B

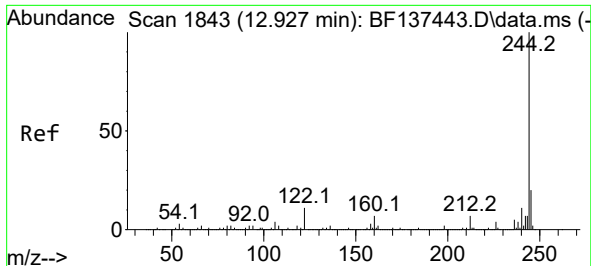
Tgt Ion:240 Resp: 258298
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.2 20.9 31.3



#77
Benzidine
Concen: 2.139 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137639.D
Acq: 18 Mar 2024 19:05

Tgt Ion:184 Resp: 13523
Ion Ratio Lower Upper
184 100
185 17.9 13.2 19.8
183 7.1 9.3 13.9#

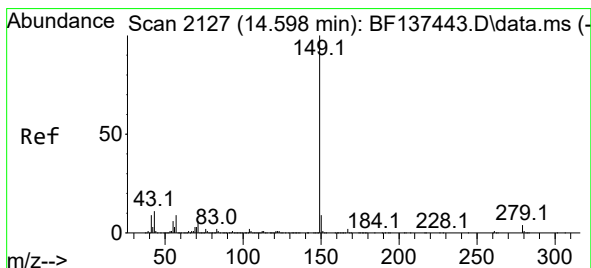
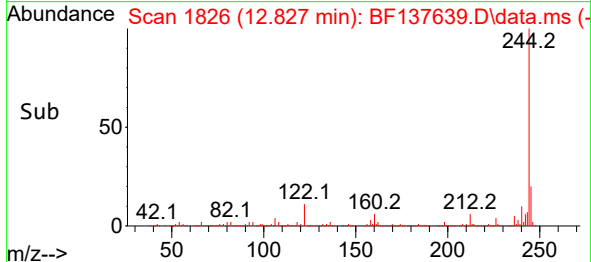
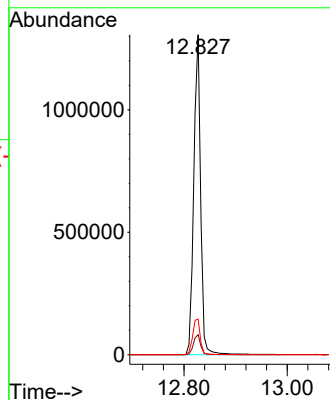
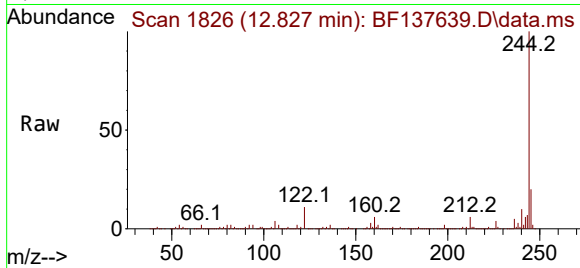




#79
 Terphenyl-d14
 Concen: 63.953 ng
 RT: 12.827 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF137639.D
 Acq: 18 Mar 2024 19:05

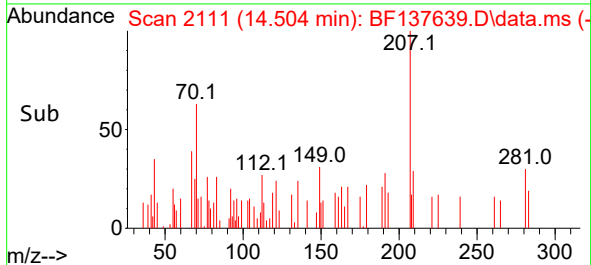
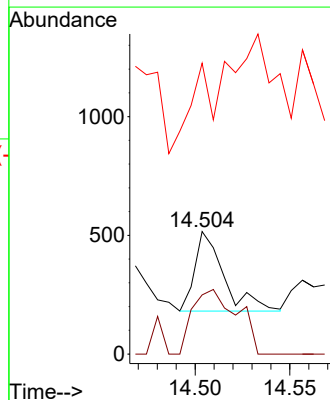
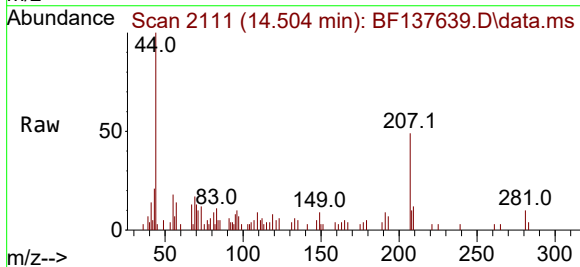
Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

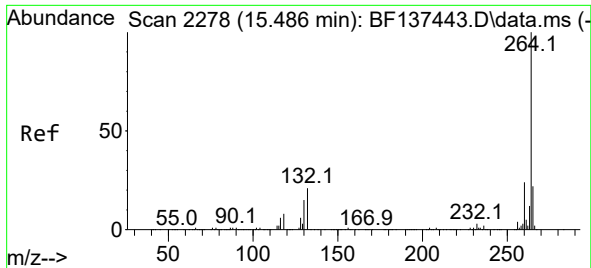
Tgt Ion:244 Resp: 1201287
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 11.1 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.627 ng
 RT: 14.504 min Scan# 2111
 Delta R.T. 0.029 min
 Lab File: BF137639.D
 Acq: 18 Mar 2024 19:05

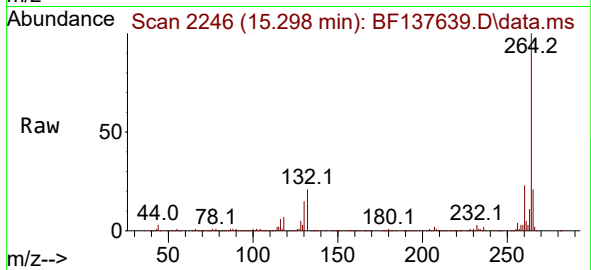
Tgt Ion:149 Resp: 357
 Ion Ratio Lower Upper
 149 100
 167 125.2 1.2 1.8#
 43 81.2 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137639.D
 Acq: 18 Mar 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B



Tgt Ion:264 Resp: 280492
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 20.8 17.4 26.0

