

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137615.D
 Acq On : 15 Mar 2024 18:08
 Operator : CG\JU
 Sample : P1747-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Mar 15 18:37:42 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)

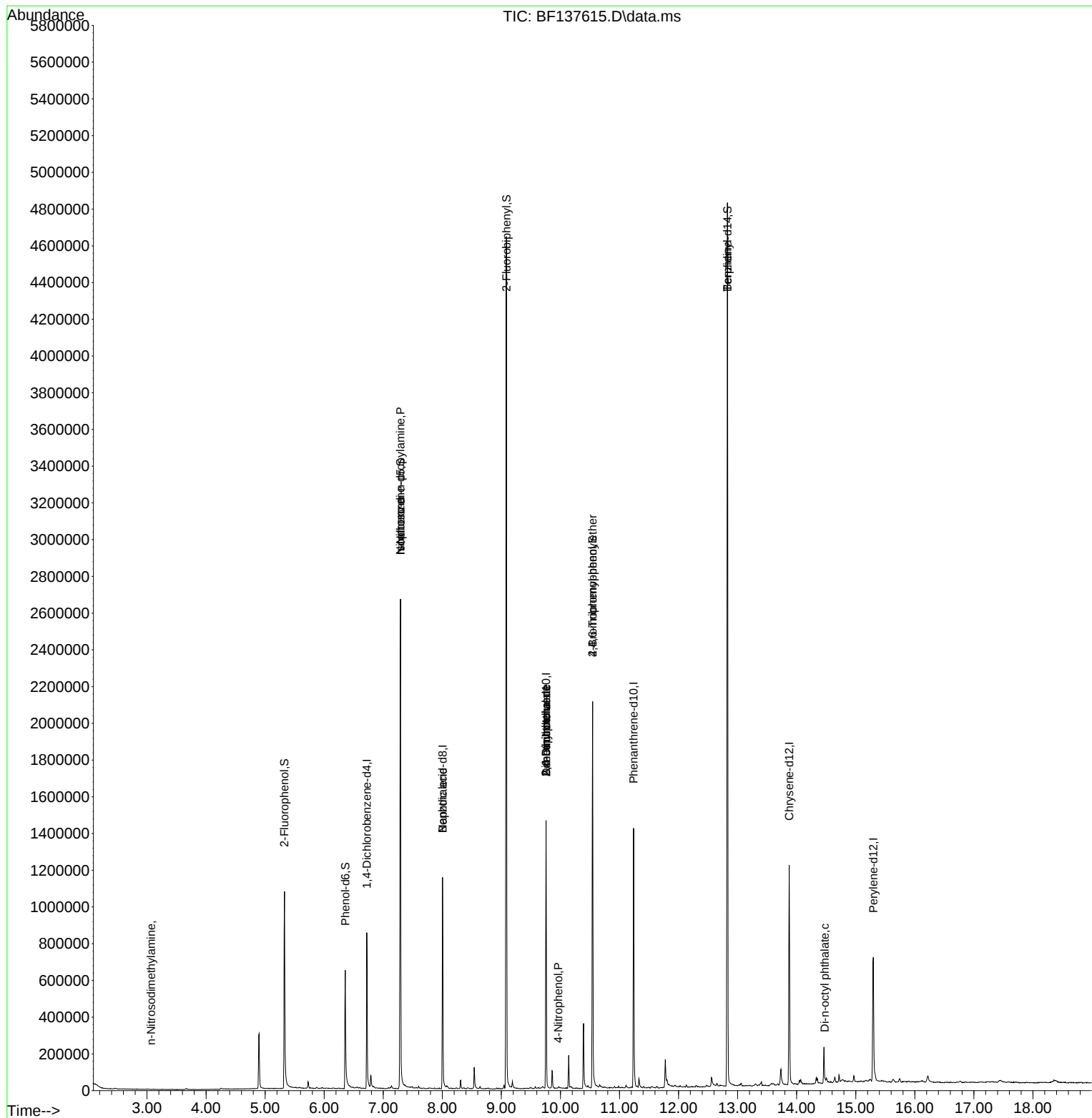
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	122193	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	480505	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	271859	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	476309	20.000	ng	0.00
76) Chrysene-d12	13.874	240	380092	20.000	ng	0.00
86) Perylene-d12	15.298	264	326161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	338210	41.920	ng	0.00
7) Phenol-d6	6.357	99	264941	22.750	ng	-0.01
23) Nitrobenzene-d5	7.292	82	902992	87.318	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	236143	98.913	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1504691	86.640	ng	0.00
79) Terphenyl-d14	12.827	244	1726159	62.449	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.069	42	114	3.833	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	119362	16.598	ng	# 78
25) Isophorone	7.292	82	902986	45.961	ng	# 69
32) Benzoic acid	8.004	122	72	6.313	ng	# 1
50) Dimethylphthalate	9.757	163	43335	2.290	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	34538	8.726	ng	# 20
56) 4-Nitrophenol	9.963	139	54	4.544	ng	# 41
57) 2,4-Dinitrotoluene	9.757	165	34538	7.102	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	16622	3.204	ng	# 1
77) Benzidine	12.827	184	20038	2.154	ng	# 92
85) Di-n-octyl phthalate	14.474	149	454	5.624	ng	# 1

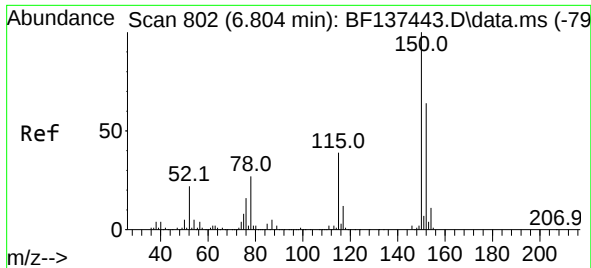
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
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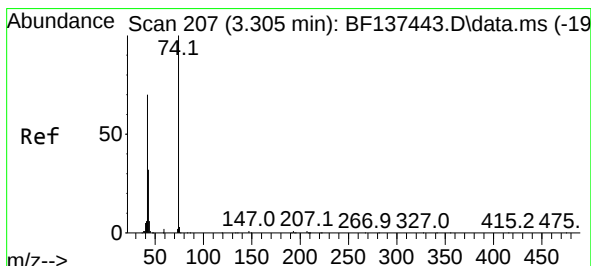
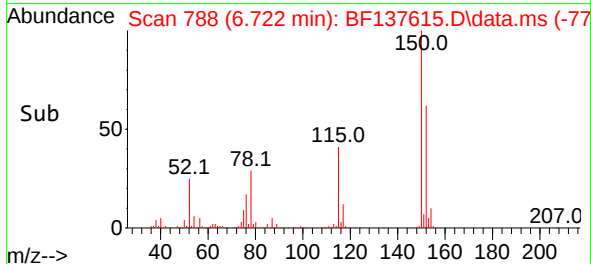
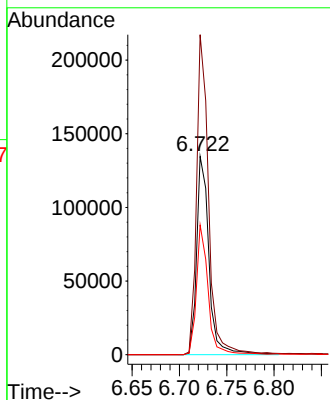
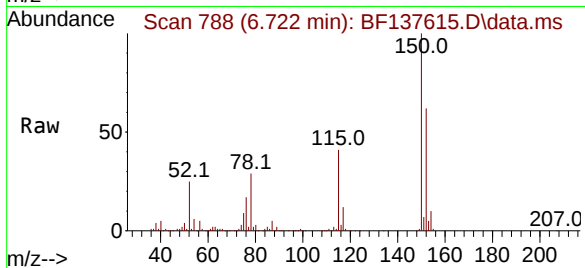




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

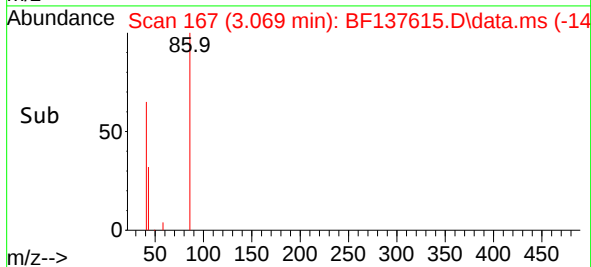
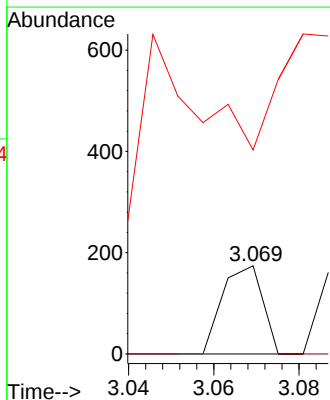
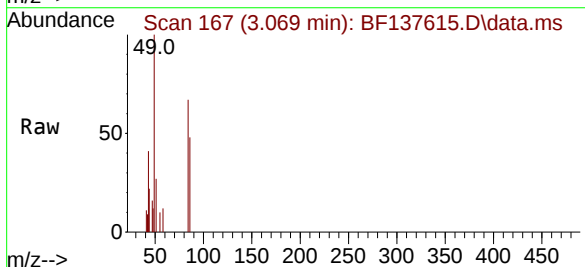
Instrument :
BNA_F
ClientSampleId :
MW-01

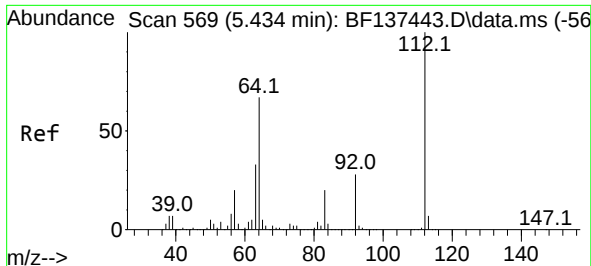
Tgt Ion:152 Resp: 122193
Ion Ratio Lower Upper
152 100
150 161.4 125.8 188.6
115 65.4 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.833 ng
RT: 3.069 min Scan# 167
Delta R.T. 0.029 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion: 42 Resp: 114
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 231.6 7.0 10.4#

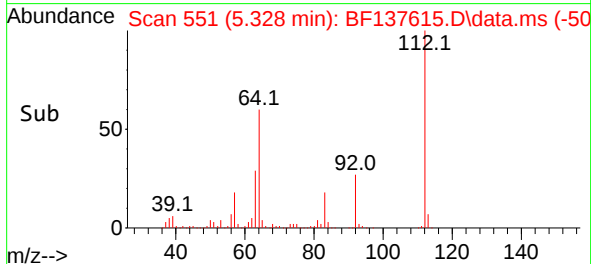
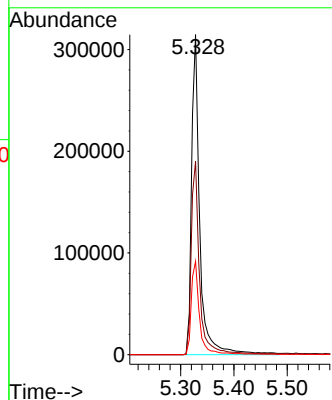
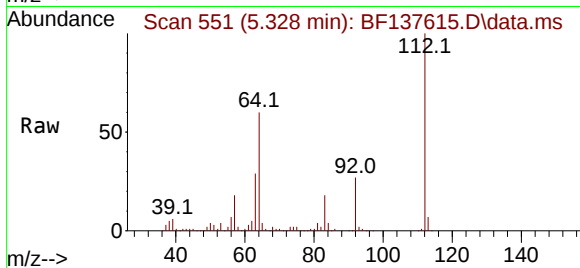




#5
2-Fluorophenol
Concen: 41.920 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

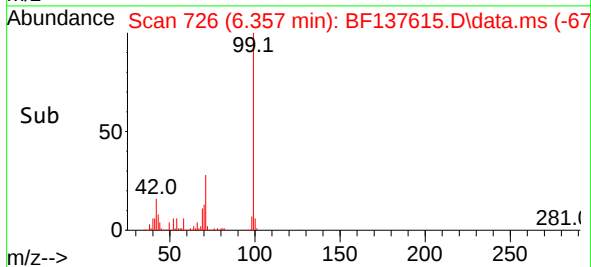
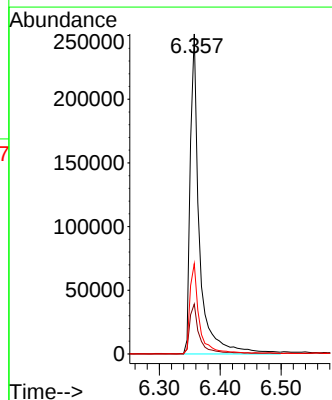
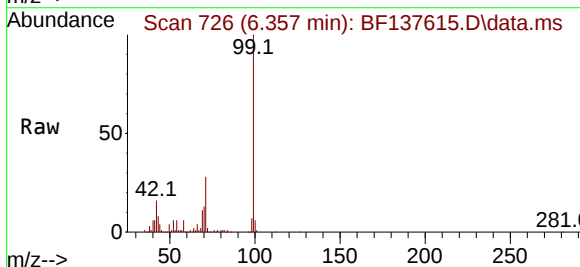
Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:112 Resp: 338210
Ion Ratio Lower Upper
112 100
64 60.5 53.4 80.2
63 29.2 26.2 39.2



#7
Phenol-d6
Concen: 22.750 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion: 99 Resp: 264941
Ion Ratio Lower Upper
99 100
42 15.6 14.6 21.8
71 28.2 25.3 37.9

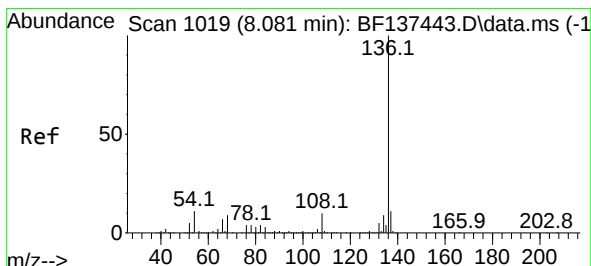
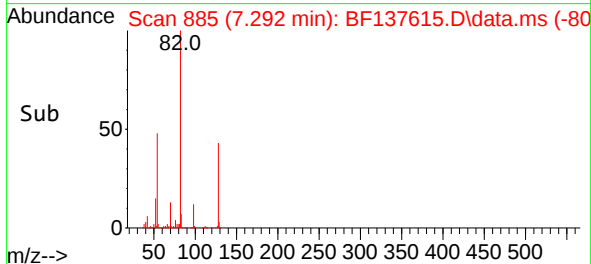
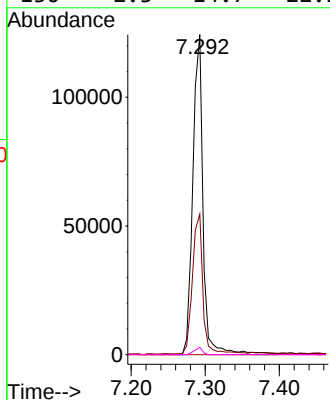
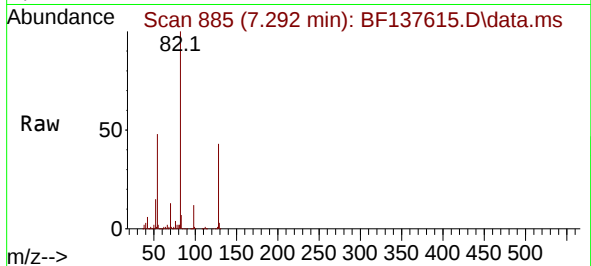




#19
n-Nitroso-di-n-propylamine
Concen: 16.598 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

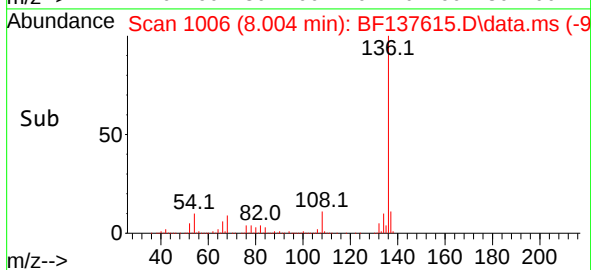
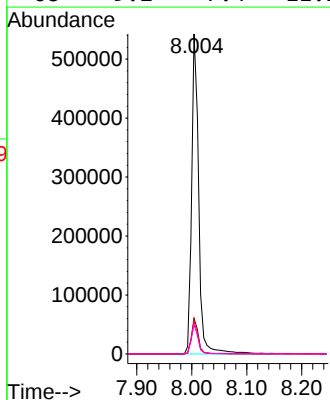
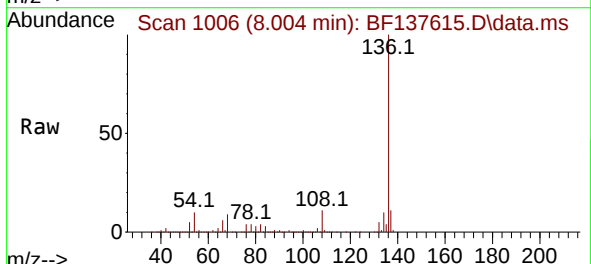
Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 70 Resp: 119362
Ion Ratio Lower Upper
70 100
42 43.9 45.2 67.8#
101 0.0 7.3 10.9#
130 2.3 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: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion:136 Resp: 480505
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.4 8.5 12.7
68 9.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 87.318 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

Instrument :

BNA_F

ClientSampleId :

MW-01

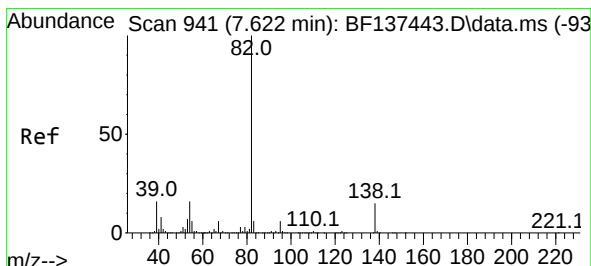
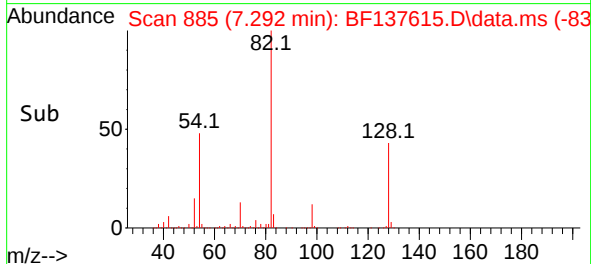
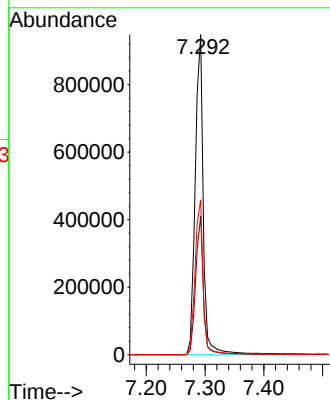
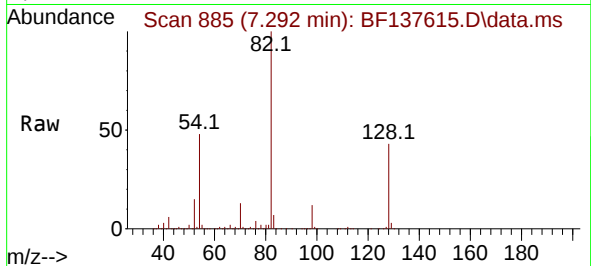
Tgt Ion: 82 Resp: 902992

Ion Ratio Lower Upper

82 100

128 43.3 32.5 48.7

54 48.4 41.5 62.3



#25

Isophorone

Concen: 45.961 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

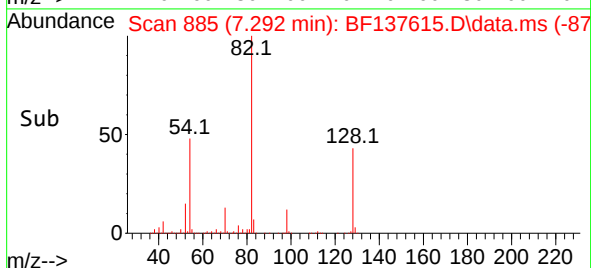
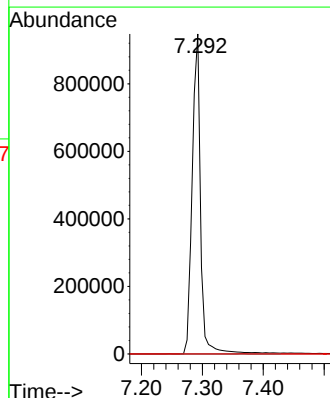
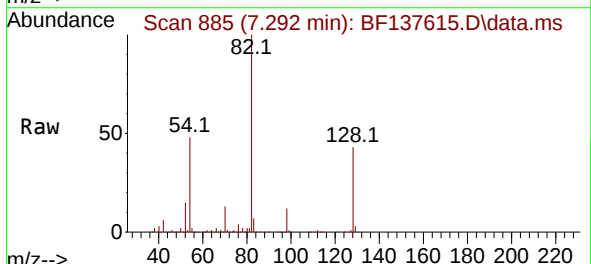
Tgt Ion: 82 Resp: 902986

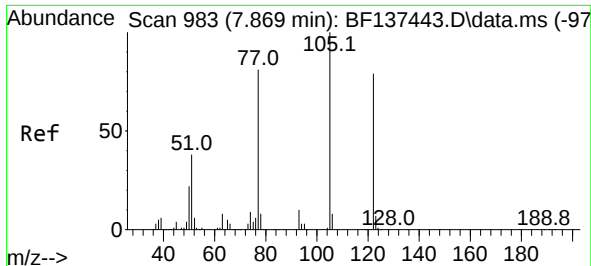
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

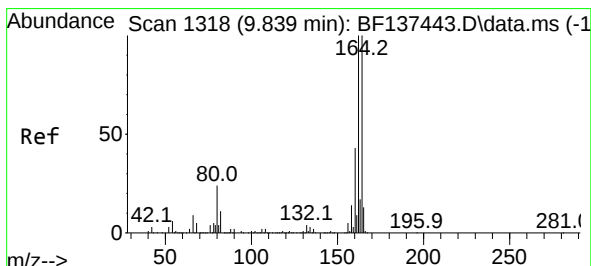
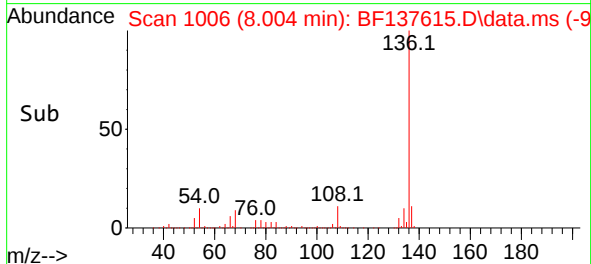
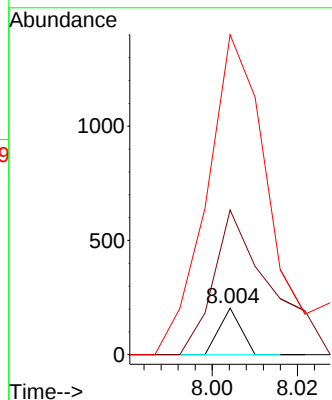
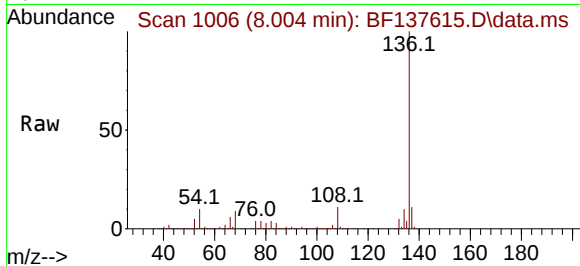




#32
Benzoic acid
Concen: 6.313 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

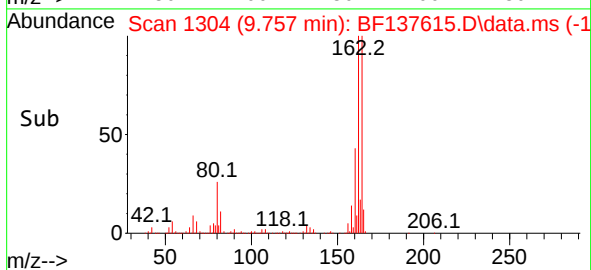
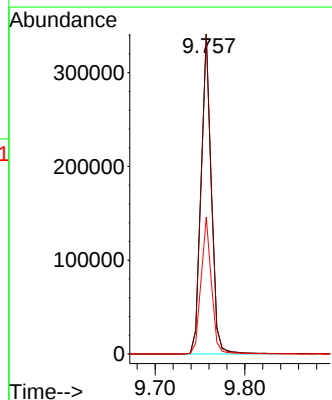
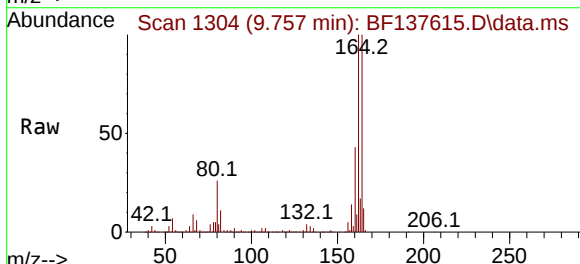
Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 310.3 102.4 142.4#
77 686.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion:164 Resp: 271859
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 98.913 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

Instrument :

BNA_F

ClientSampleId :

MW-01

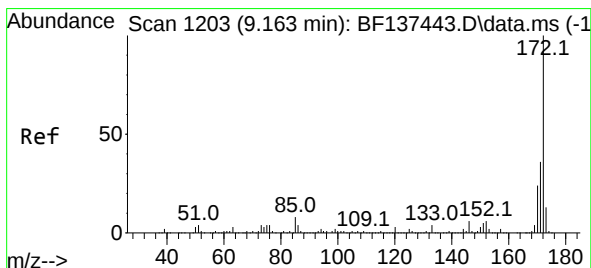
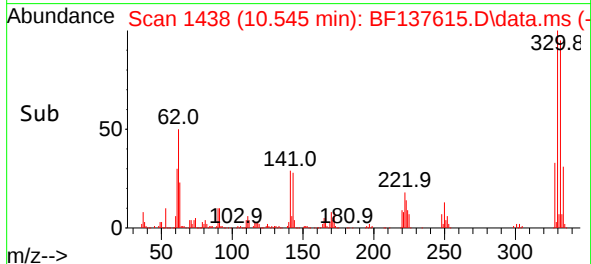
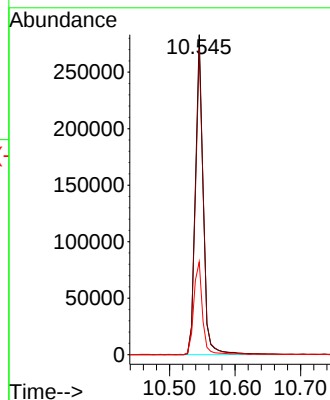
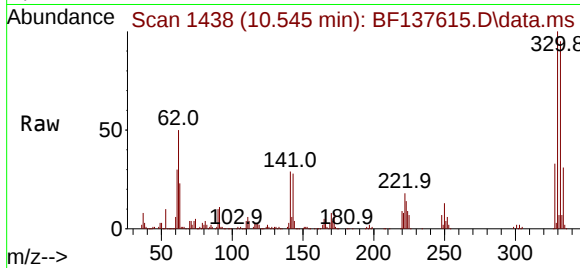
Tgt Ion:330 Resp: 236143

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 32.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 86.640 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

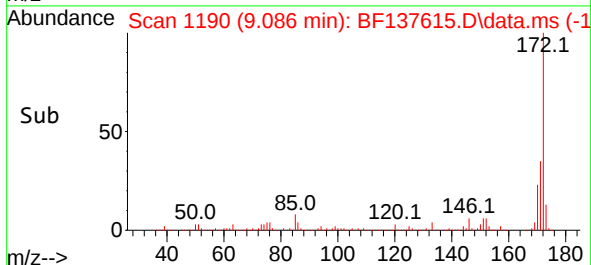
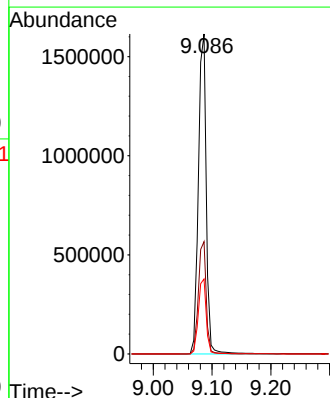
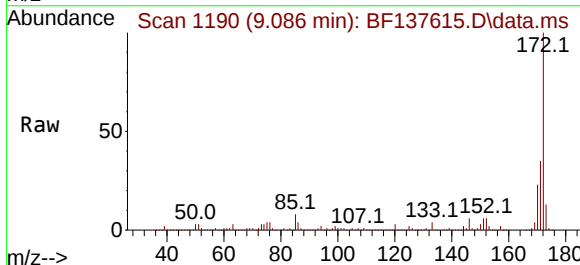
Tgt Ion:172 Resp: 1504691

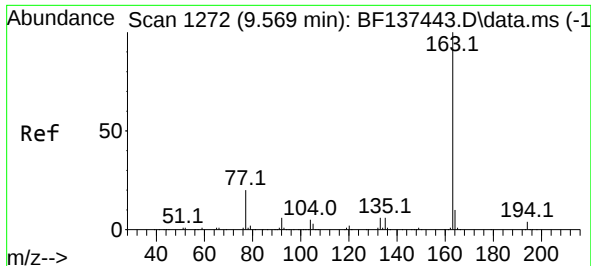
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.5 19.0 28.6

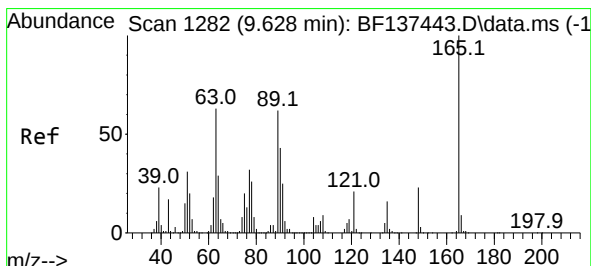
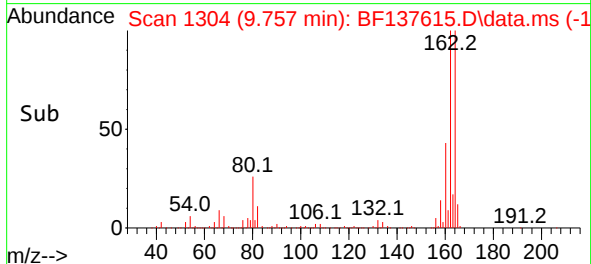
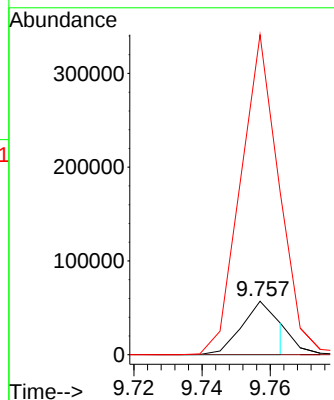
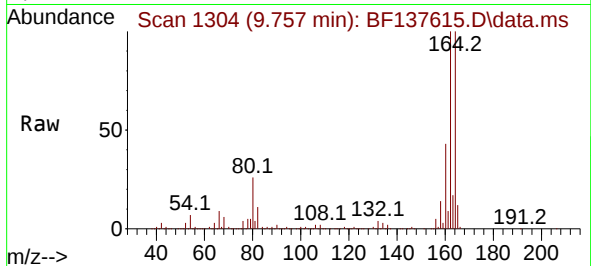




#50
Dimethylphthalate
Concen: 2.290 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

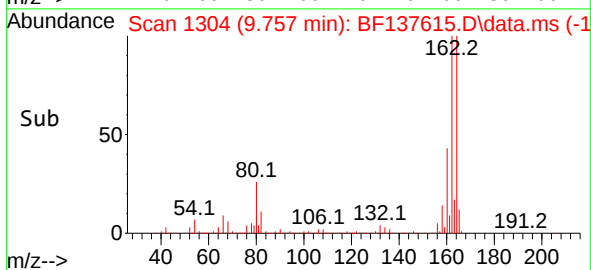
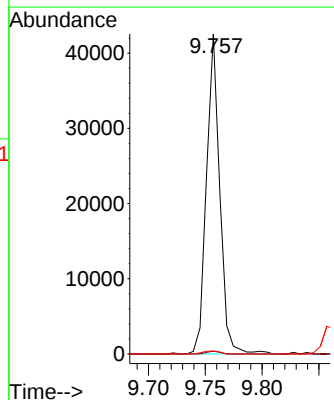
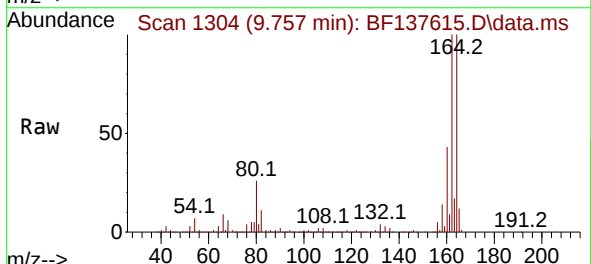
Instrument :
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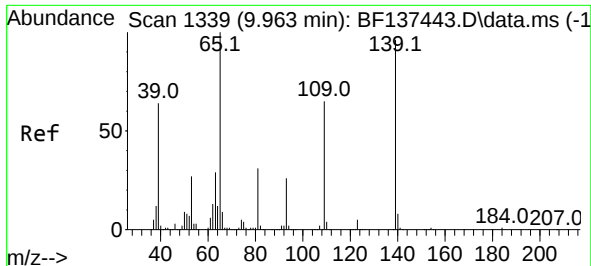
Tgt Ion:163 Resp: 43335
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 598.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion:165 Resp: 34538
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 0.9 50.0 75.0#

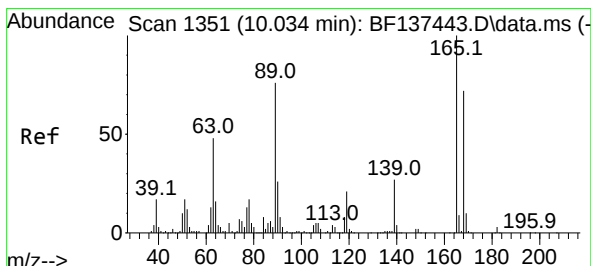
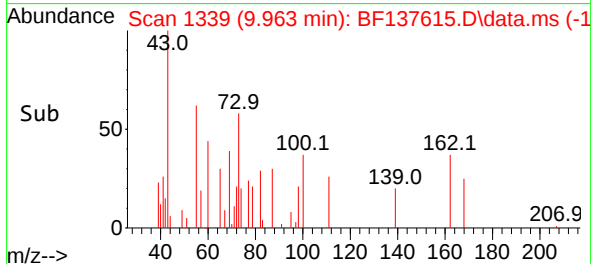
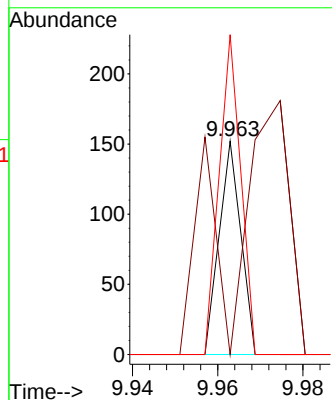
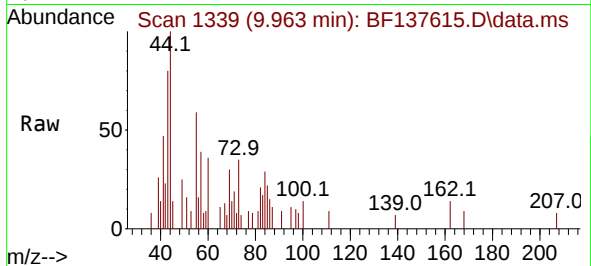




#56
4-Nitrophenol
Concen: 4.544 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

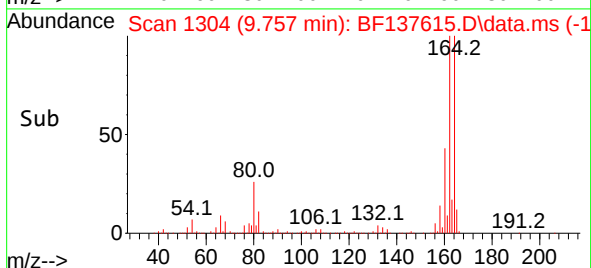
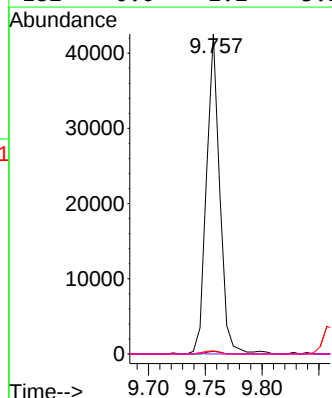
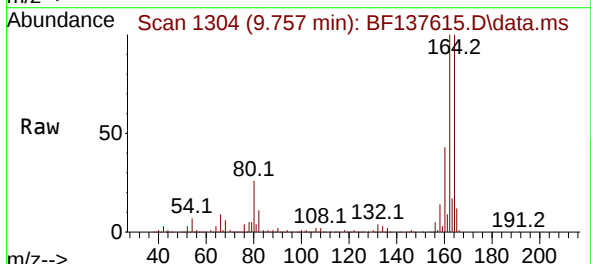
Instrument :
BNA_F
ClientSampleId :
MW-01

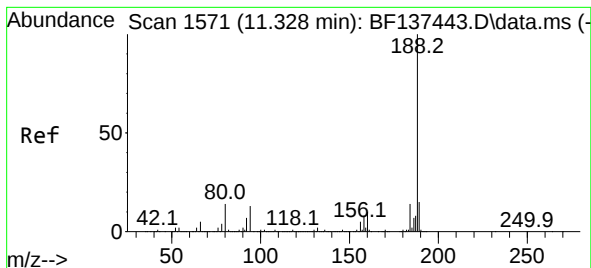
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 150.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.102 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion:165 Resp: 34538
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 0.9 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: BF137615.D

Acq: 15 Mar 2024 18:08

Instrument :

BNA_F

ClientSampleId :

MW-01

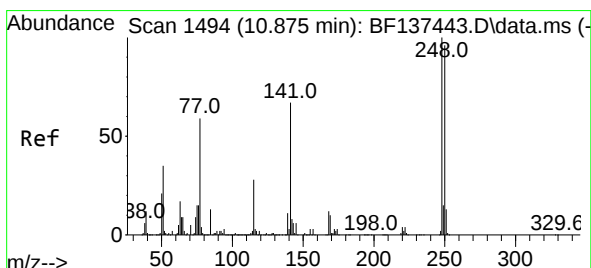
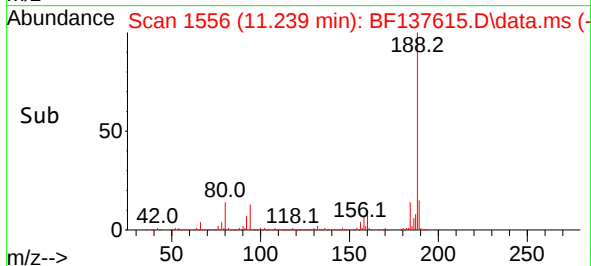
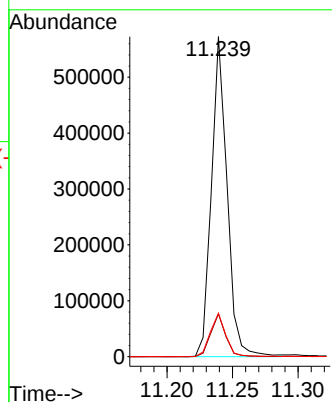
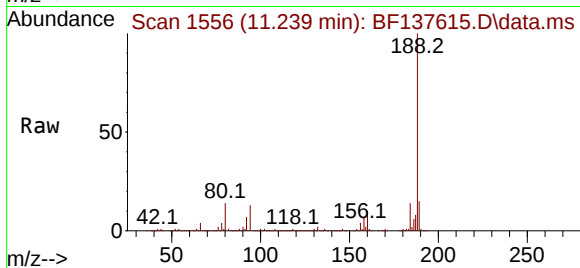
Tgt Ion:188 Resp: 476309

Ion Ratio Lower Upper

188 100

94 13.3 10.6 15.8

80 13.6 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 3.204 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

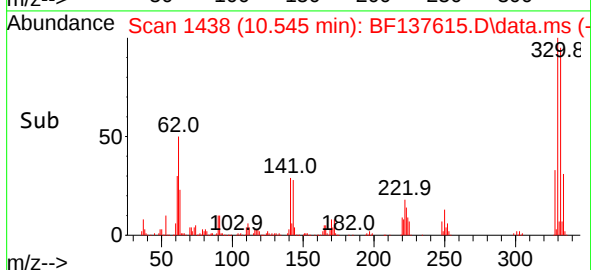
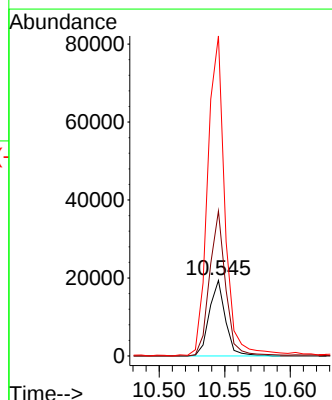
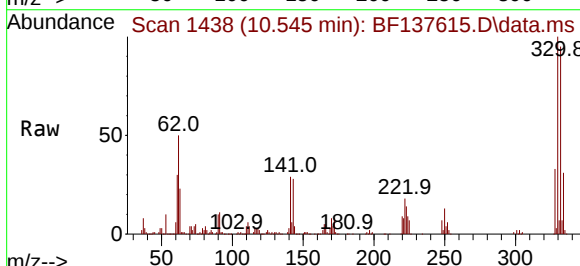
Tgt Ion:248 Resp: 16622

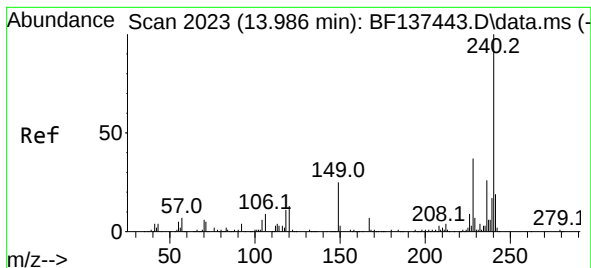
Ion Ratio Lower Upper

248 100

250 191.9 76.8 115.2#

141 423.5 53.4 80.0#

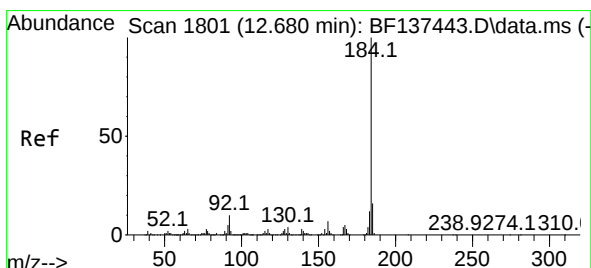
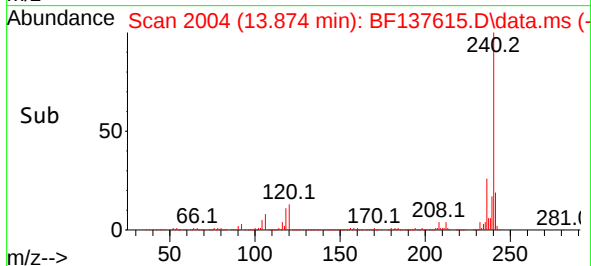
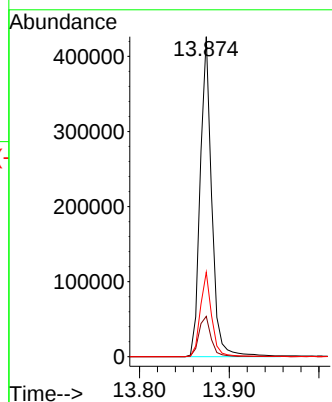
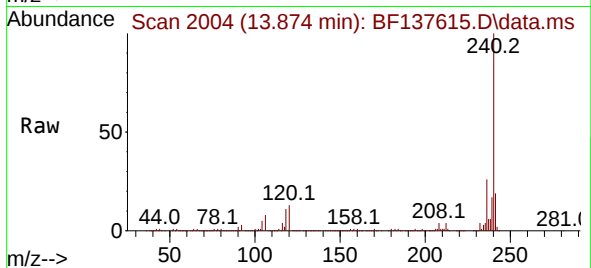




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

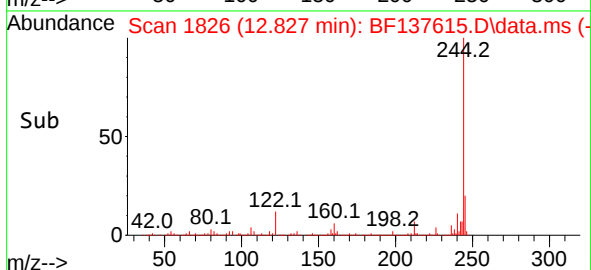
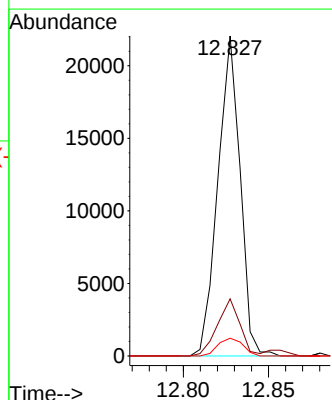
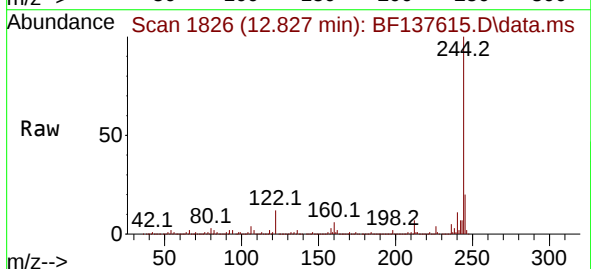
Instrument :
BNA_F
ClientSampleId :
MW-01

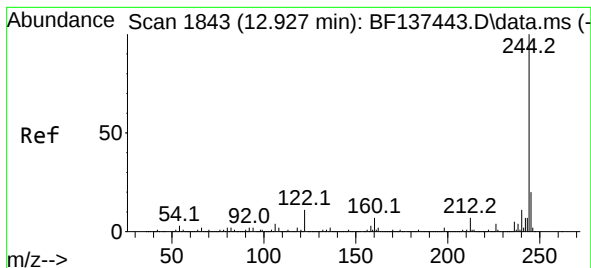
Tgt Ion:240 Resp: 380092
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.4 20.9 31.3



#77
Benzidine
Concen: 2.154 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137615.D
Acq: 15 Mar 2024 18:08

Tgt Ion:184 Resp: 20038
Ion Ratio Lower Upper
184 100
185 17.9 13.2 19.8
183 5.6 9.3 13.9#





#79

Terphenyl-d14

Concen: 62.449 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

Instrument :

BNA_F

ClientSampleId :

MW-01

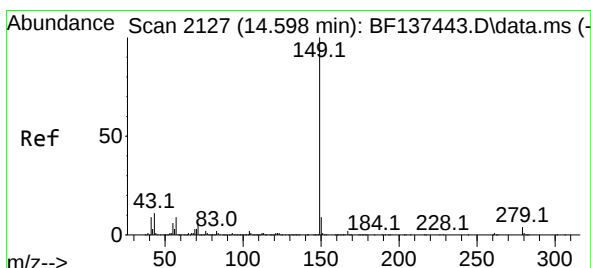
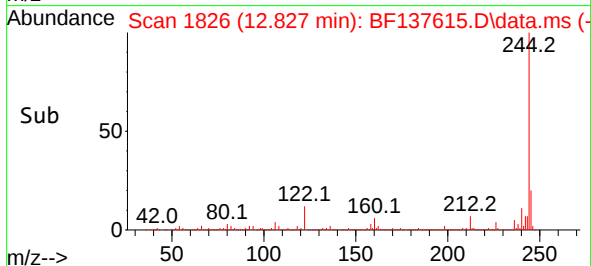
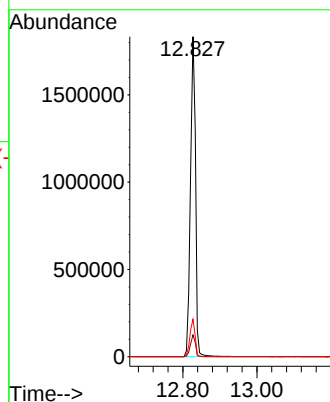
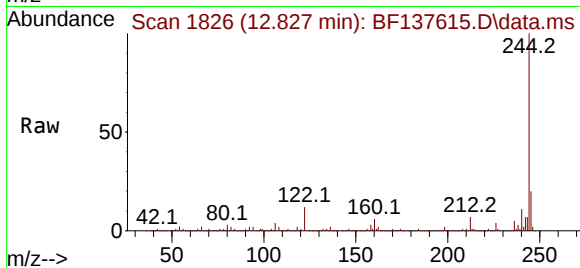
Tgt Ion:244 Resp: 1726159

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.7 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.624 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

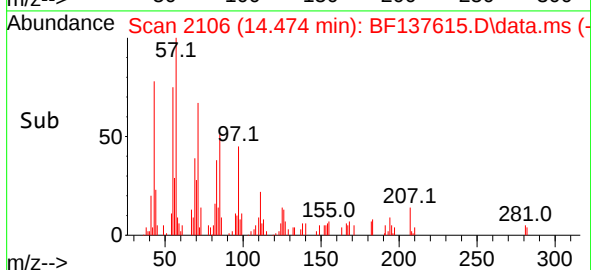
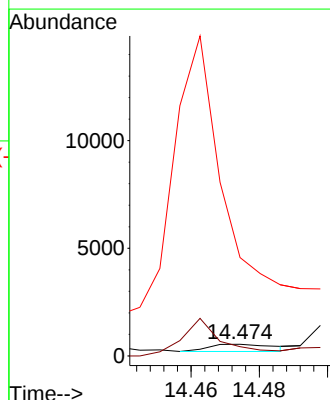
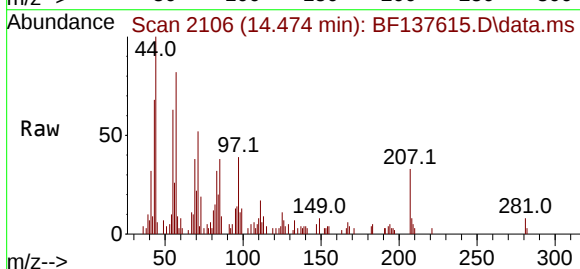
Tgt Ion:149 Resp: 454

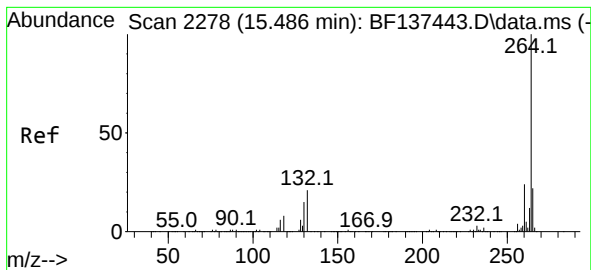
Ion Ratio Lower Upper

149 100

167 332.4 1.2 1.8#

43 3610.6 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min BNA_F

Lab File: BF137615.D

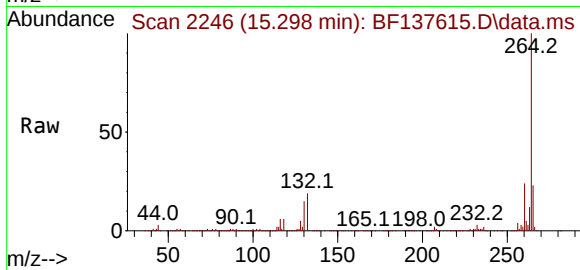
Acq: 15 Mar 2024 18:08

Instrument :

BNA_F

ClientSampleId :

MW-01



Tgt Ion:264 Resp: 326161

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.6 17.4 26.0

