

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137637.D
 Acq On : 18 Mar 2024 18:05
 Operator : CG\JU
 Sample : P1784-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Mar 18 18:21:38 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)

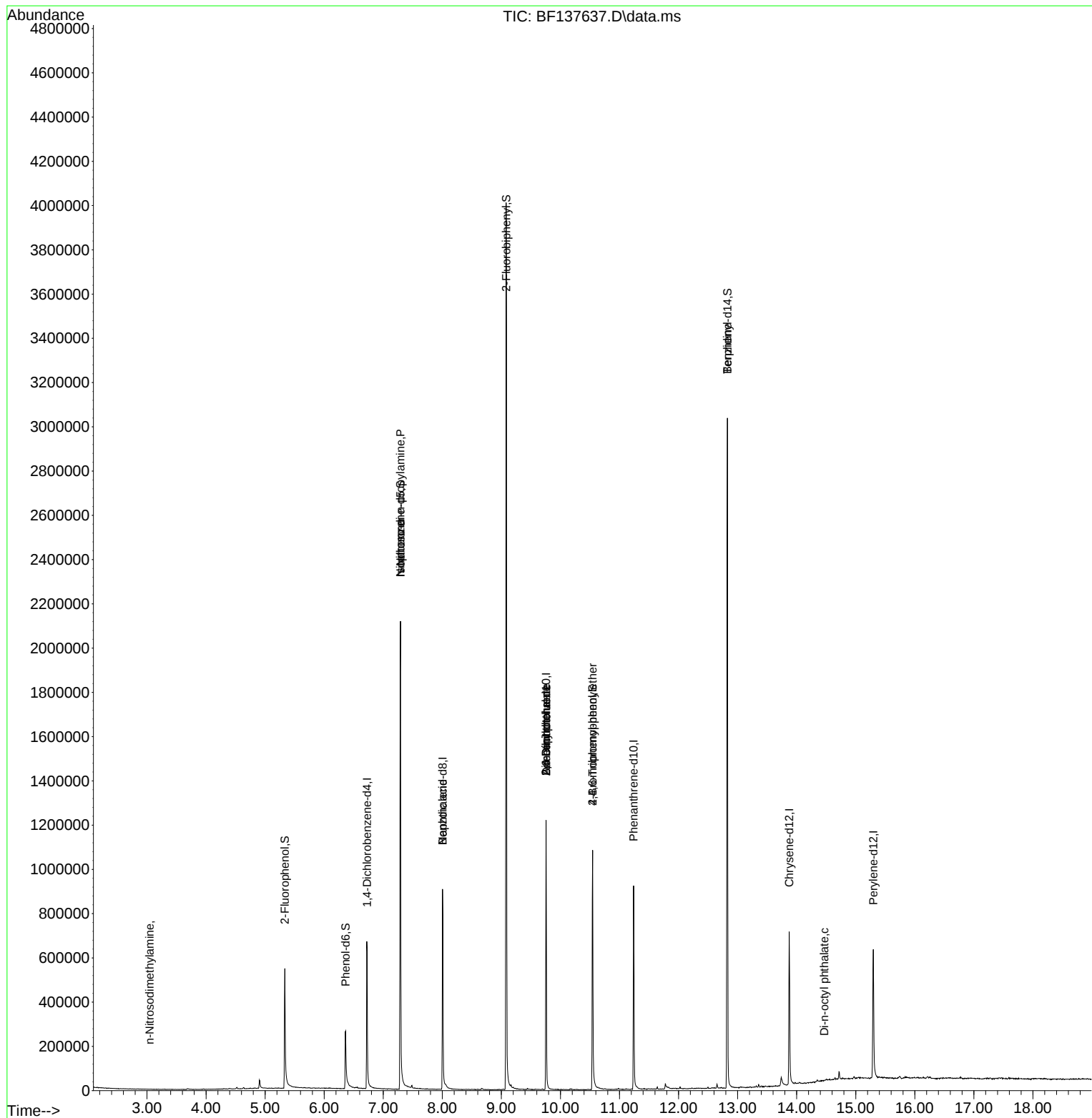
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	112266	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	436559	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	232206	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	341931	20.000	ng	0.00
76) Chrysene-d12	13.874	240	249159	20.000	ng	0.00
86) Perylene-d12	15.298	264	269418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	194500	26.239	ng	0.00
7) Phenol-d6	6.363	99	148925	13.918	ng	0.00
23) Nitrobenzene-d5	7.292	82	756078	80.471	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	132430	64.943	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1263255	85.159	ng	0.00
79) Terphenyl-d14	12.827	244	1061340	58.575	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.046	42	65	3.824	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	94268	14.267	ng	# 77
25) Isophorone	7.292	82	756078	42.357	ng	# 69
32) Benzoic acid	8.004	122	63	6.312	ng	# 1
50) Dimethylphthalate	9.757	163	34405	2.128	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	28729	8.497	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	28729	6.916	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	8854	2.377	ng	# 1
77) Benzidine	12.827	184	12595	2.066	ng	# 91
85) Di-n-octyl phthalate	14.468	149	194	5.618	ng	# 1

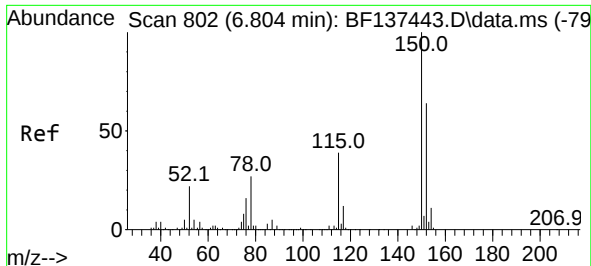
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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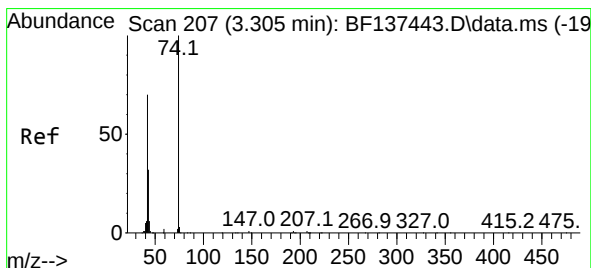
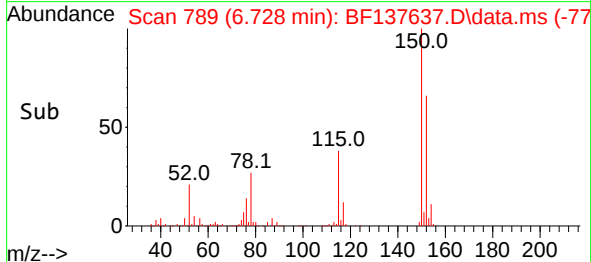
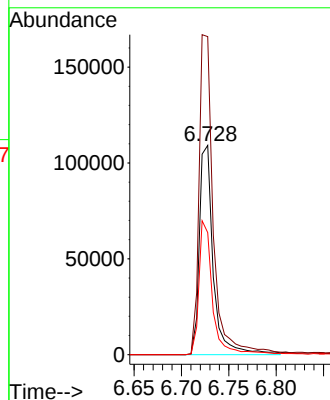
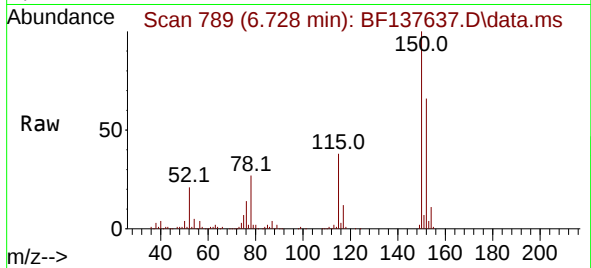




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

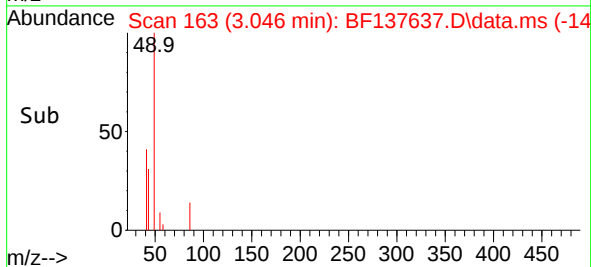
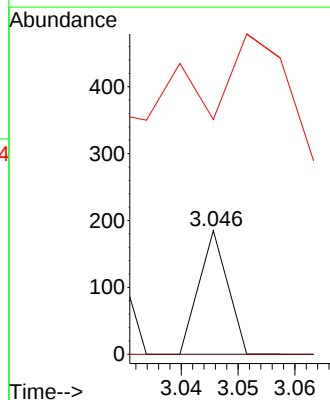
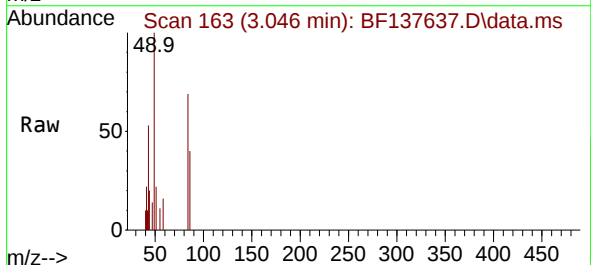
Instrument :
BNA_F
ClientSampleId :
MW-7

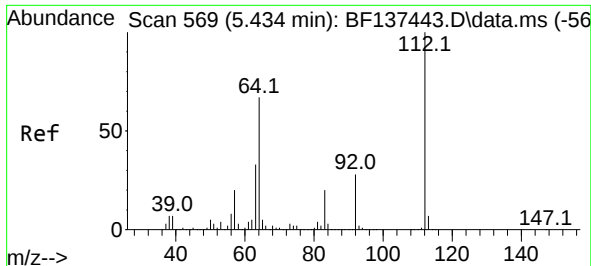
Tgt Ion:152 Resp: 112266
Ion Ratio Lower Upper
152 100
150 152.0 125.8 188.6
115 58.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.824 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion: 42 Resp: 65
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 189.7 7.0 10.4#

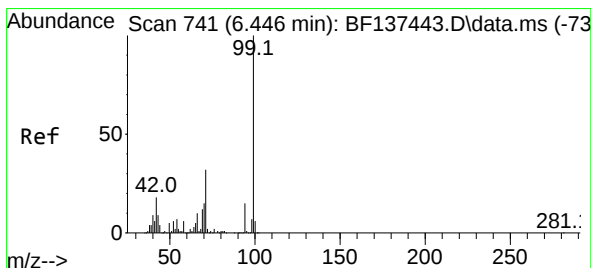
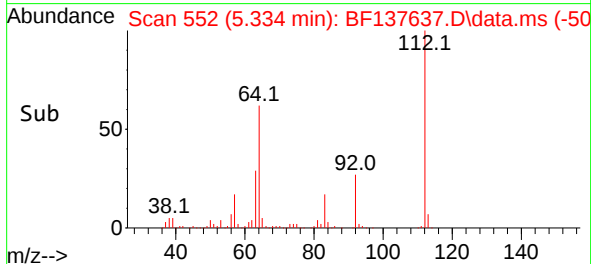
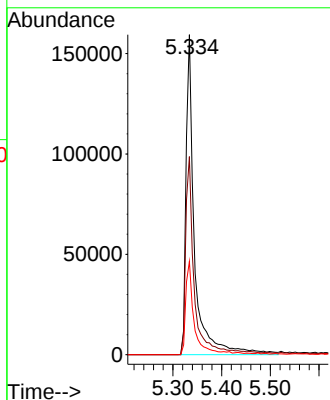
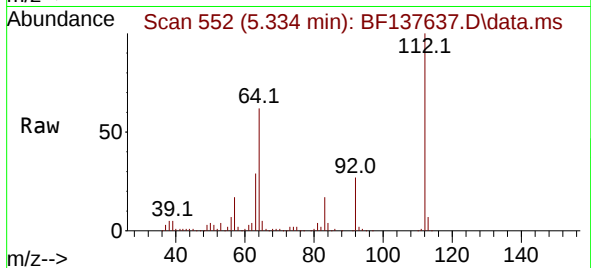




#5
2-Fluorophenol
Concen: 26.239 ng
RT: 5.334 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

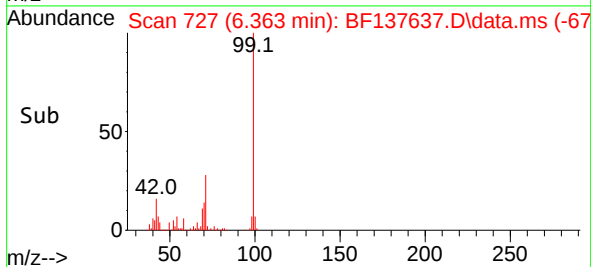
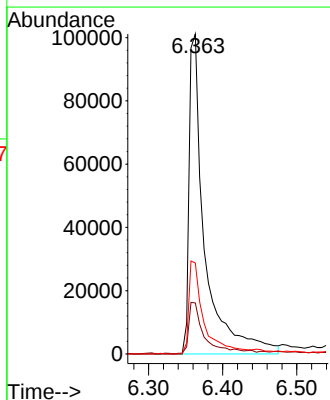
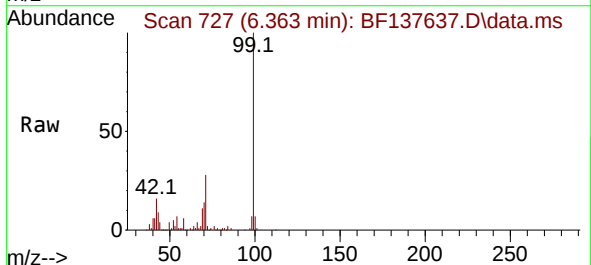
Instrument :
BNA_F
ClientSampleId :
MW-7

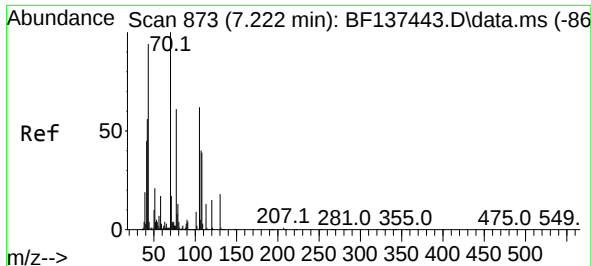
Tgt Ion:112 Resp: 194500
Ion Ratio Lower Upper
112 100
64 61.9 53.4 80.2
63 29.1 26.2 39.2



#7
Phenol-d6
Concen: 13.918 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion: 99 Resp: 148925
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 28.5 25.3 37.9

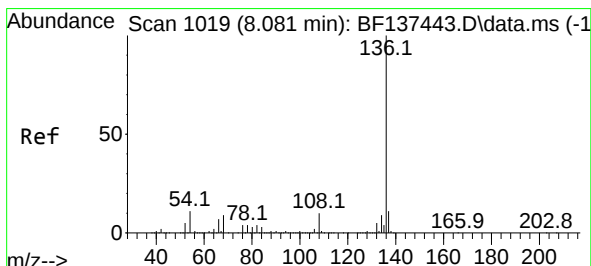
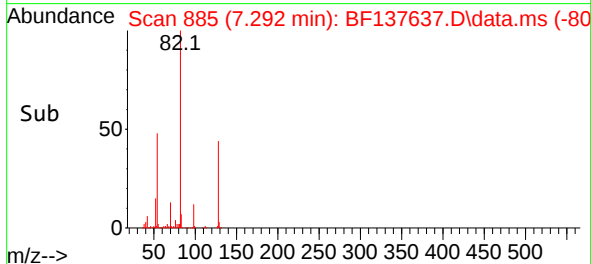
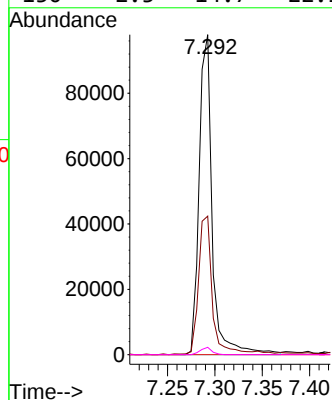
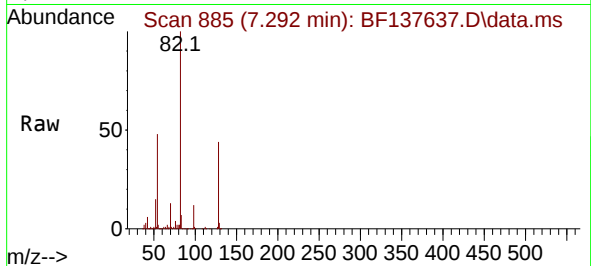




#19
n-Nitroso-di-n-propylamine
Concen: 14.267 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

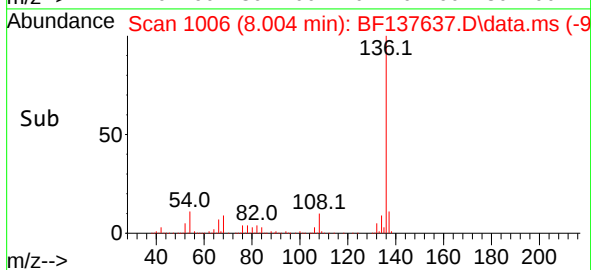
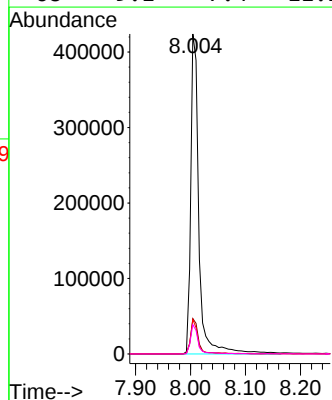
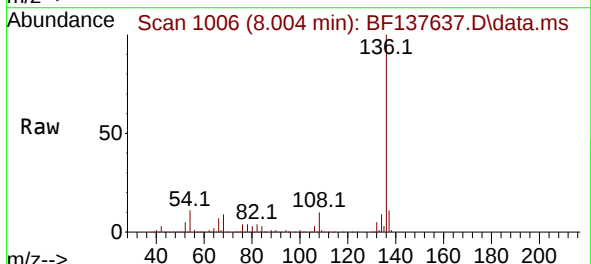
Instrument :
BNA_F
ClientSampleId :
MW-7

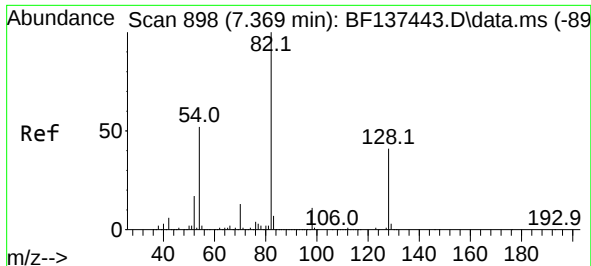
Tgt Ion:	70	Resp:	94268
Ion	Ratio	Lower	Upper
70	100		
42	43.3	45.2	67.8#
101	0.0	7.3	10.9#
130	2.3	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion:	136	Resp:	436559
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.7	8.5	12.7
68	9.1	7.4	11.2





#23

Nitrobenzene-d5

Concen: 80.471 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

Instrument :

BNA_F

ClientSampleId :

MW-7

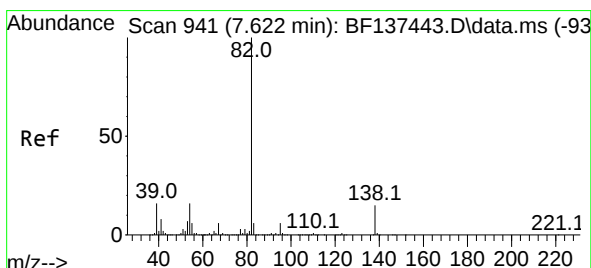
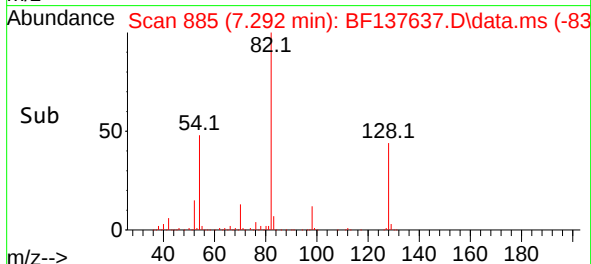
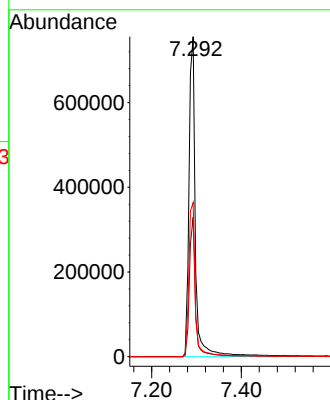
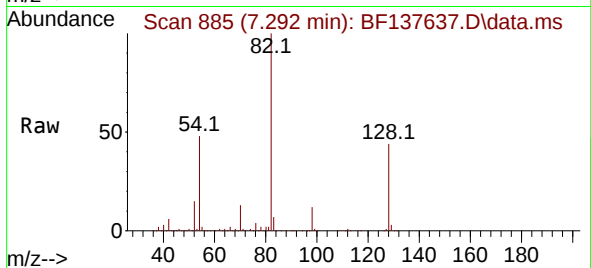
Tgt Ion: 82 Resp: 756078

Ion Ratio Lower Upper

82 100

128 43.6 32.5 48.7

54 48.1 41.5 62.3



#25

Isophorone

Concen: 42.357 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

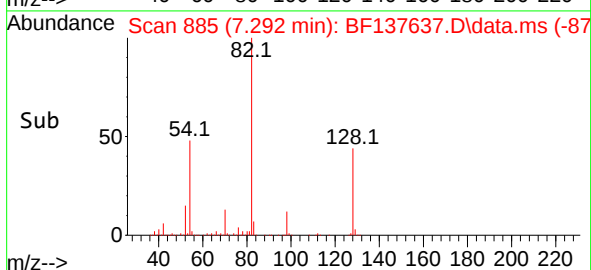
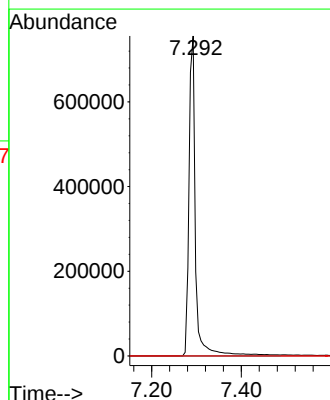
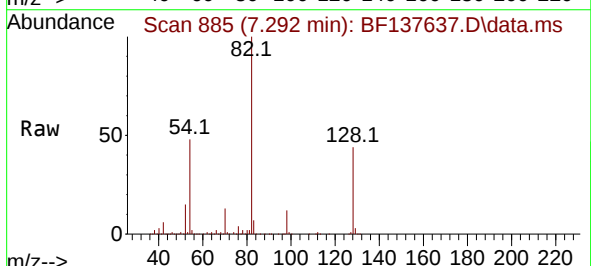
Tgt Ion: 82 Resp: 756078

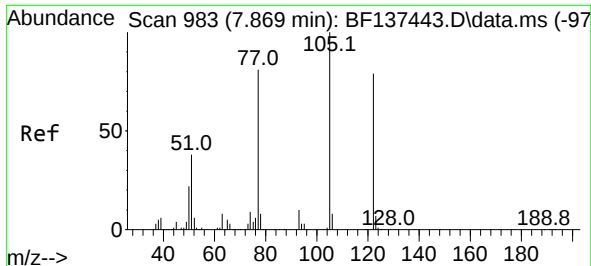
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

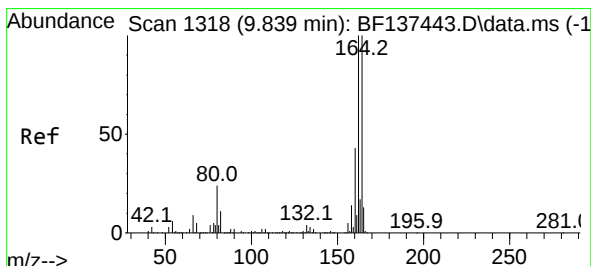
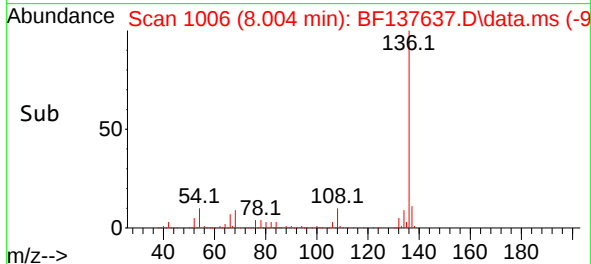
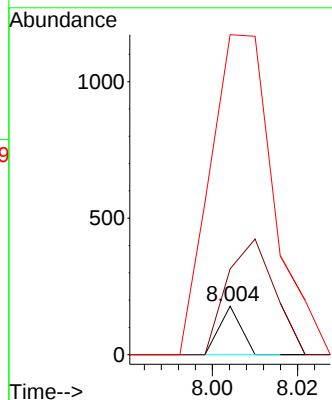
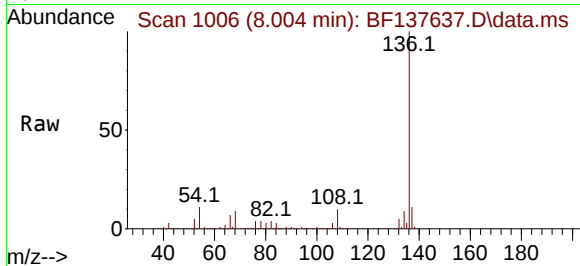




#32
Benzoic acid
Concen: 6.312 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

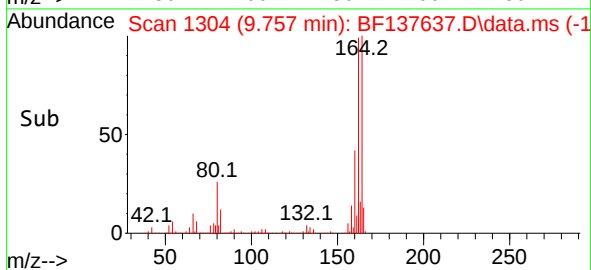
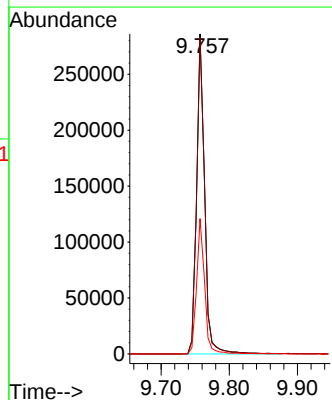
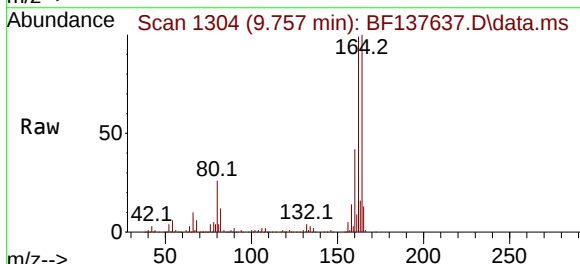
Instrument :
BNA_F
ClientSampleId :
MW-7

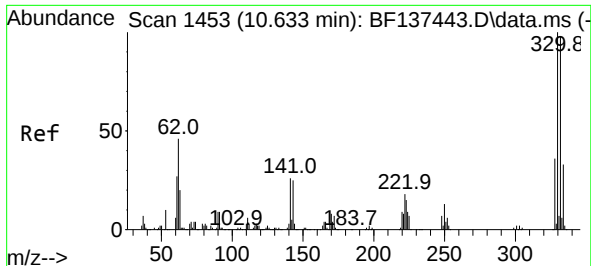
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 176.4 102.4 142.4#
77 658.4 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion:164 Resp: 232206
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 64.943 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

Instrument :

BNA_F

ClientSampleId :

MW-7

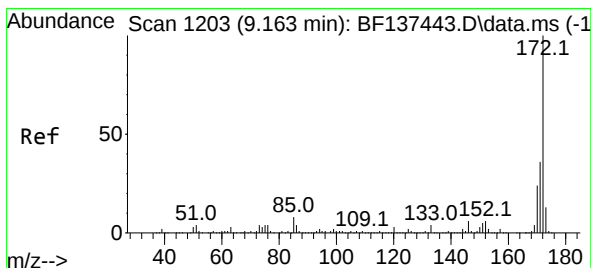
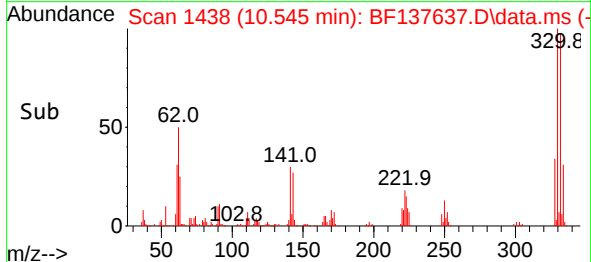
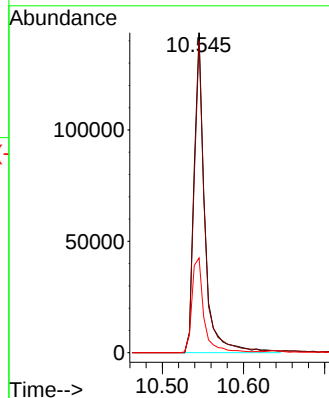
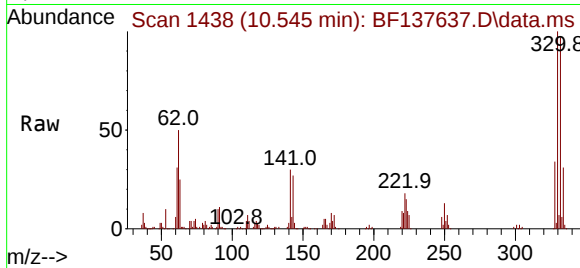
Tgt Ion:330 Resp: 132430

Ion Ratio Lower Upper

330 100

332 98.4 78.0 117.0

141 33.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 85.159 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

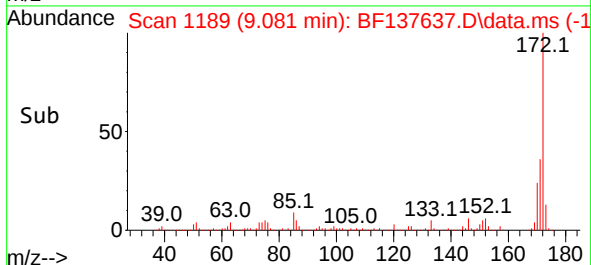
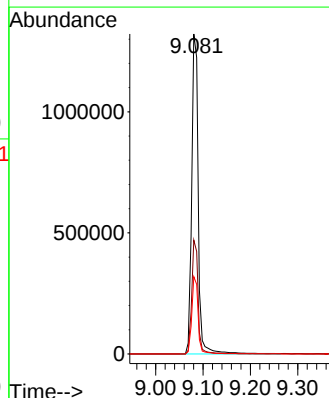
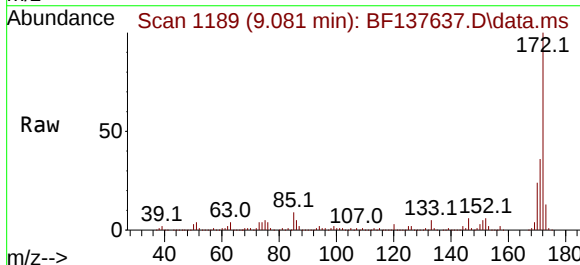
Tgt Ion:172 Resp: 1263255

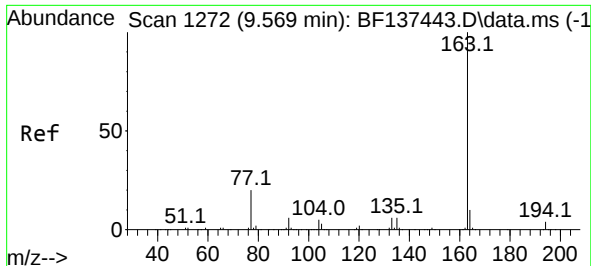
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.1 19.0 28.6

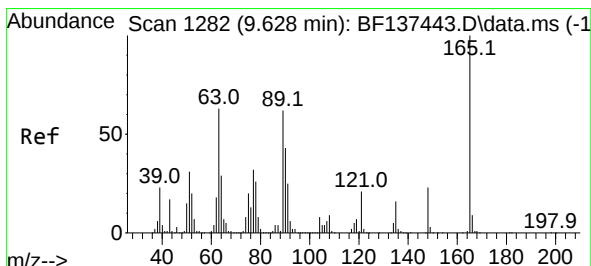
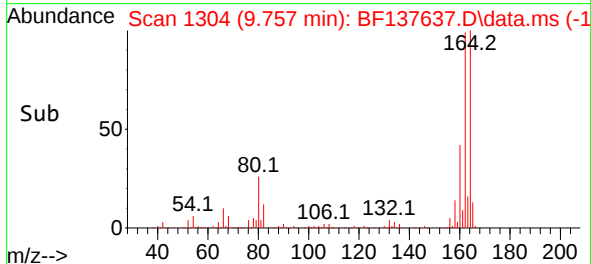
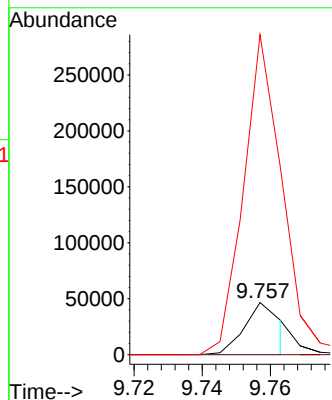
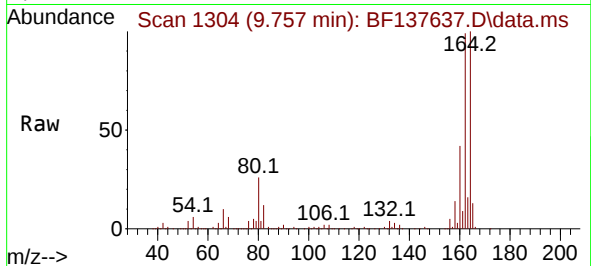




#50
Dimethylphthalate
Concen: 2.128 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

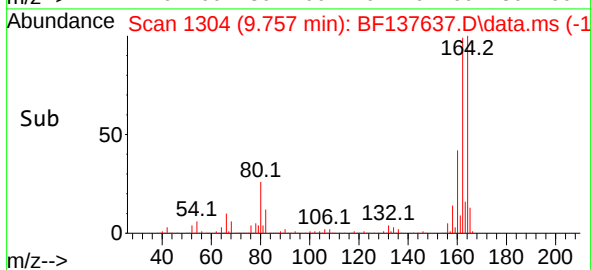
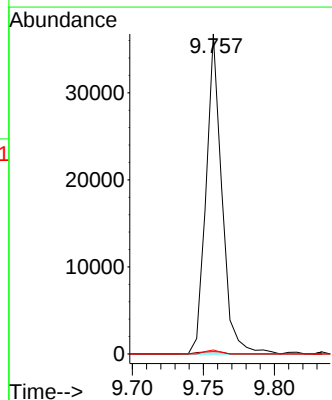
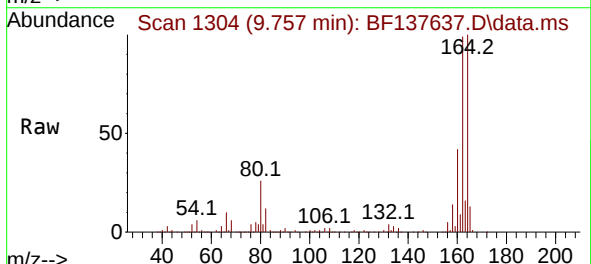
Instrument :
BNA_F
ClientSampleId :
MW-7

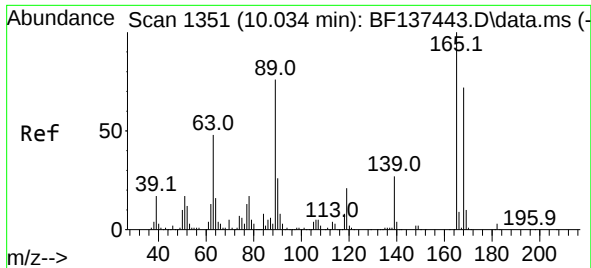
Tgt Ion:163 Resp: 34405
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 613.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.497 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion:165 Resp: 28729
Ion Ratio Lower Upper
165 100
63 0.7 50.7 76.1#
89 1.2 50.0 75.0#

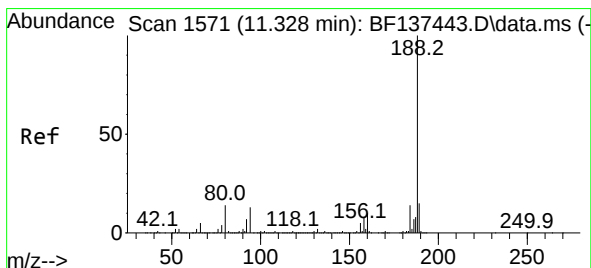
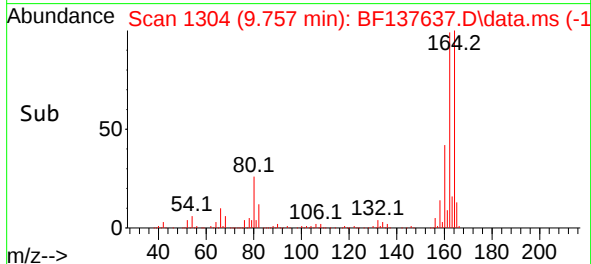
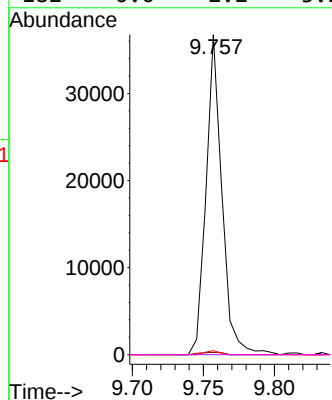
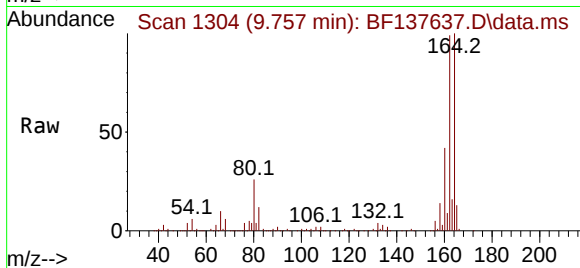




#57
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

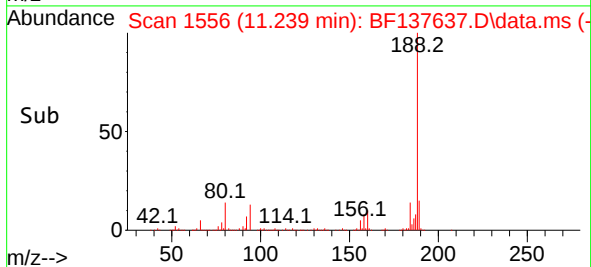
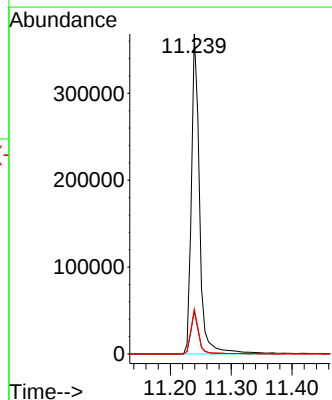
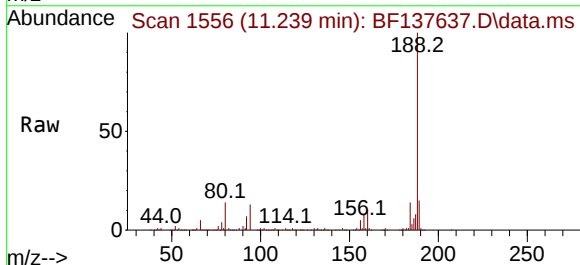
Instrument :
BNA_F
ClientSampleId :
MW-7

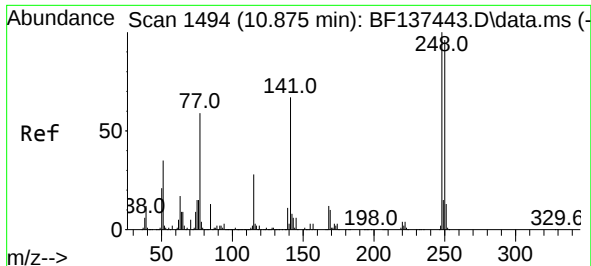
Tgt Ion:165 Resp: 28729
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion:188 Resp: 341931
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.1 11.5 17.3

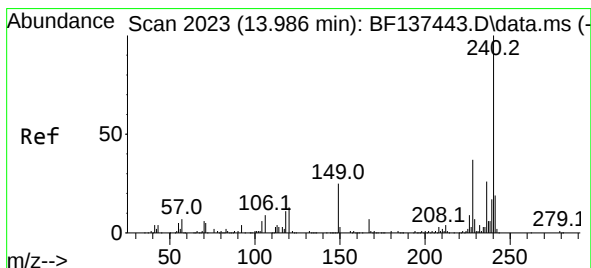
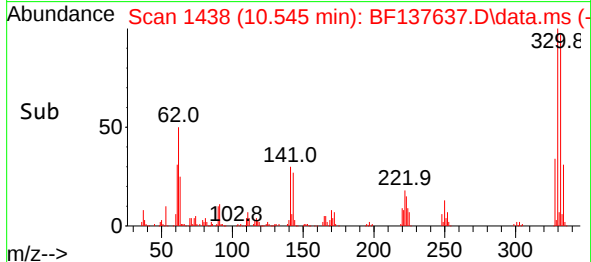
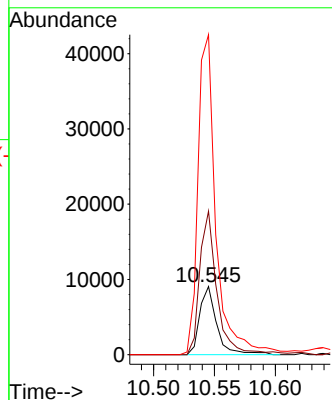
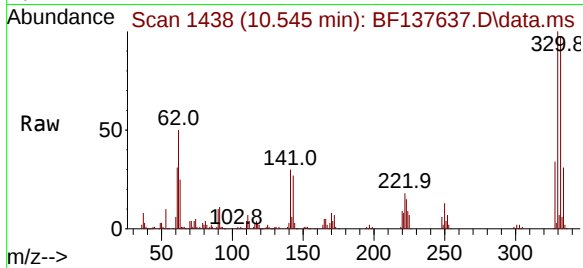




#67
4-Bromophenyl-phenylether
Concen: 2.377 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

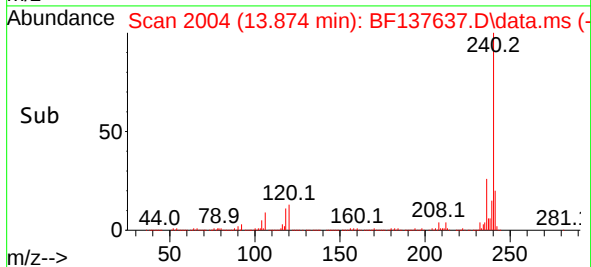
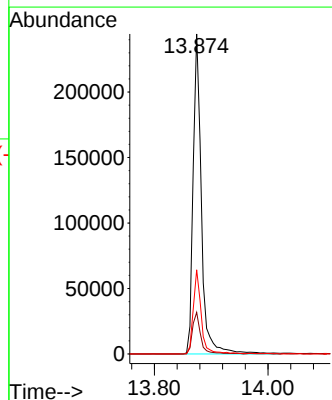
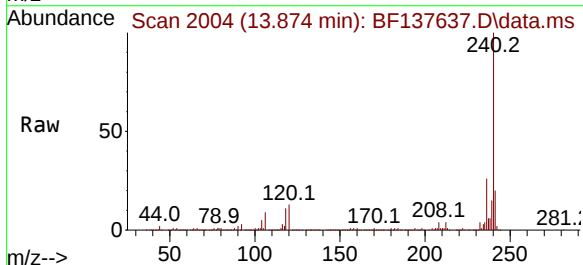
Instrument :
BNA_F
ClientSampleId :
MW-7

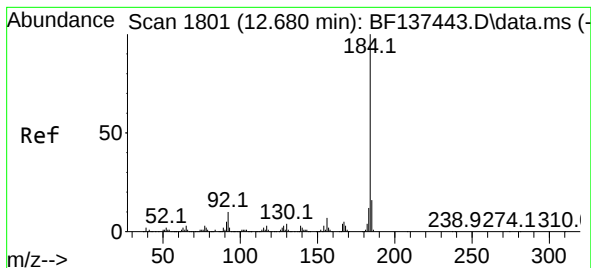
Tgt Ion:248 Resp: 8854
Ion Ratio Lower Upper
248 100
250 210.8 76.8 115.2#
141 469.8 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137637.D
Acq: 18 Mar 2024 18:05

Tgt Ion:240 Resp: 249159
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.3 20.9 31.3





#77

Benzidine

Concen: 2.066 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

Instrument :

BNA_F

ClientSampleId :

MW-7

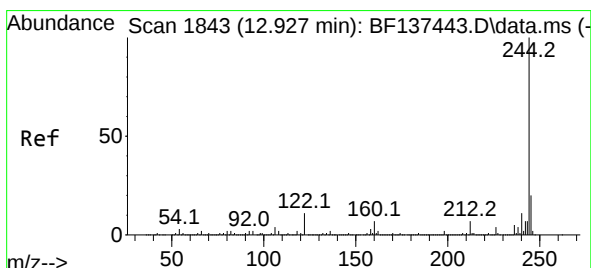
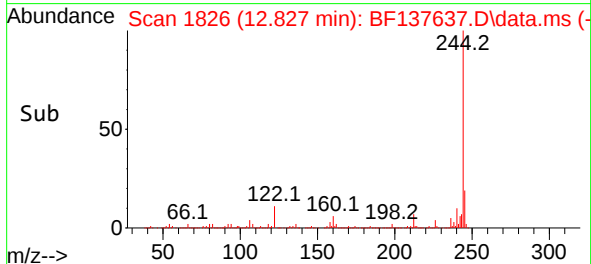
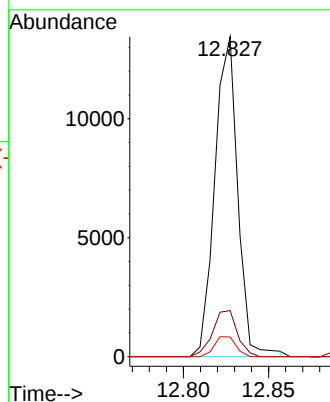
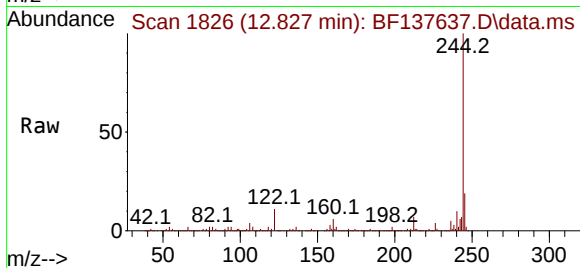
Tgt Ion:184 Resp: 12595

Ion Ratio Lower Upper

184 100

185 14.4 13.2 19.8

183 6.1 9.3 13.9#



#79

Terphenyl-d14

Concen: 58.575 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

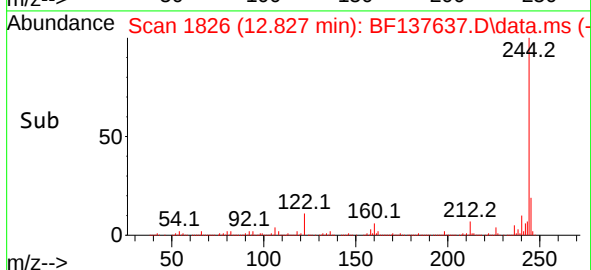
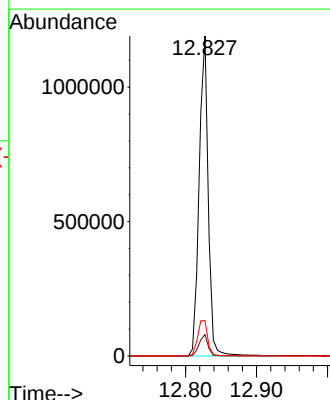
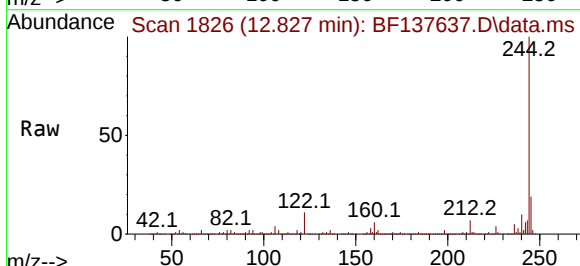
Tgt Ion:244 Resp: 1061340

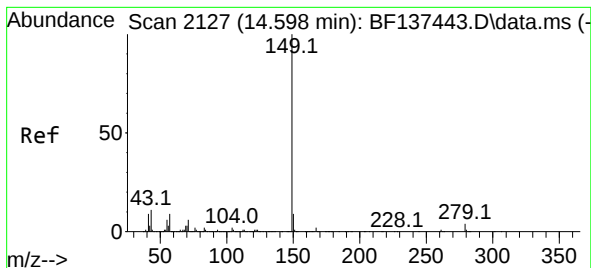
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.1 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.618 ng

RT: 14.468 min Scan# 2105

Delta R.T. -0.006 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

Instrument :

BNA_F

ClientSampleId :

MW-7

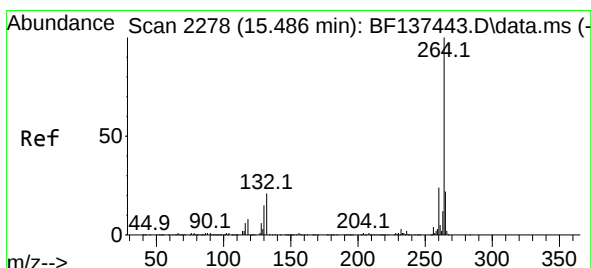
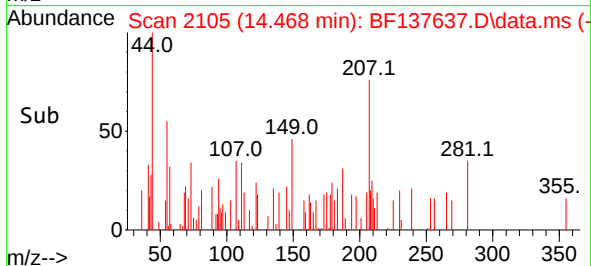
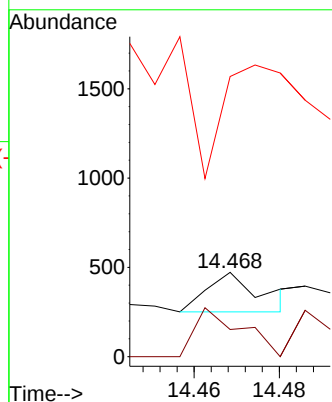
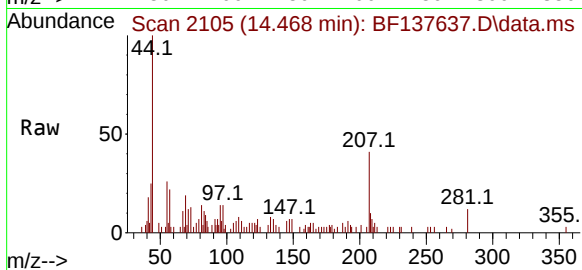
Tgt Ion:149 Resp: 194

Ion Ratio Lower Upper

149 100

167 107.2 1.2 1.8#

43 468.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137637.D

Acq: 18 Mar 2024 18:05

Tgt Ion:264 Resp: 269418

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.6 17.4 26.0

