

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137103.D
 Acq On : 17 Jan 2024 20:04
 Operator : CG\JU
 Sample : P1150-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-306-0-2

Quant Time: Jan 18 01:17:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

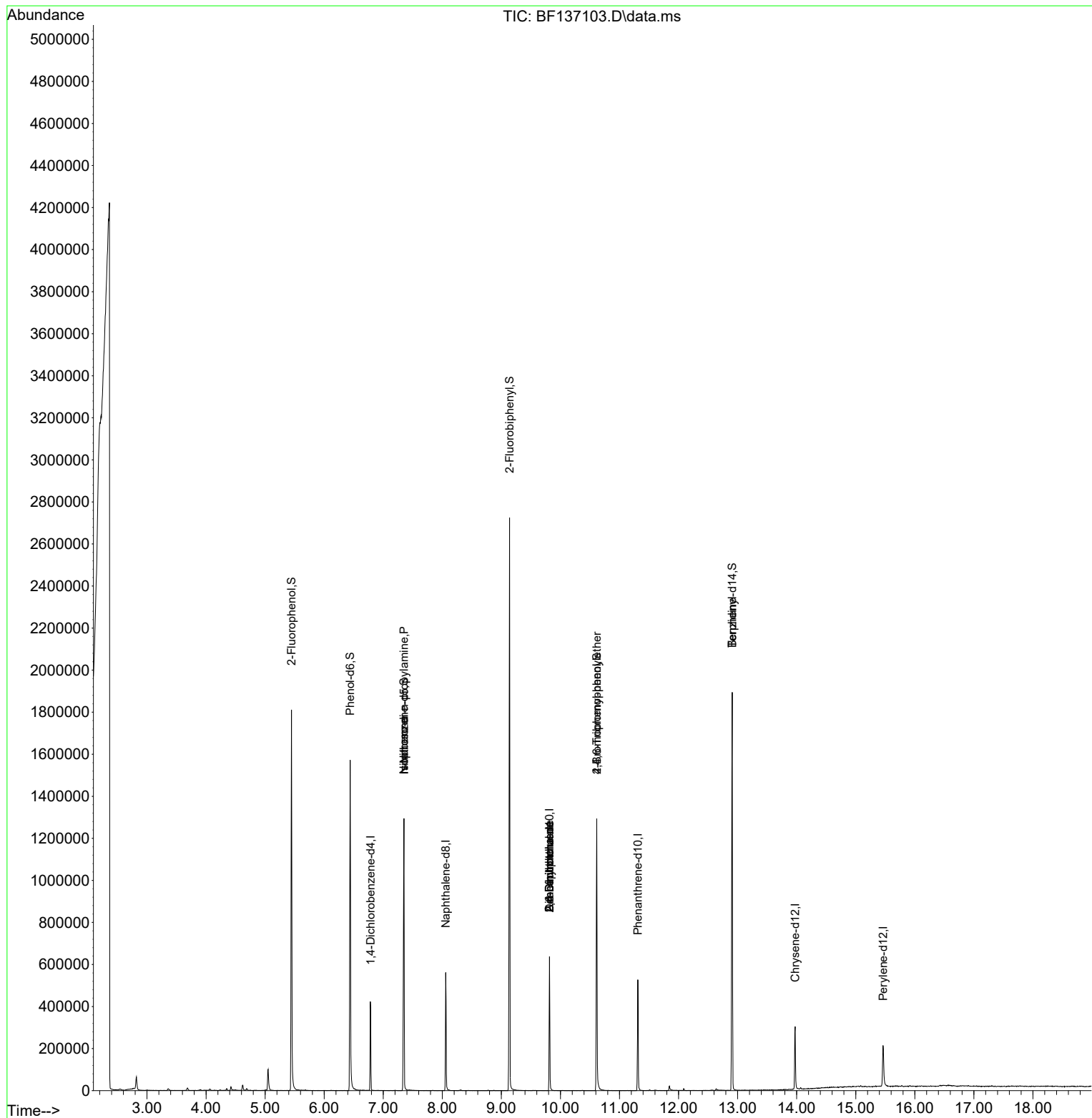
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	63404	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	240583	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	120476	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	192628	20.000	ng	0.00
76) Chrysene-d12	13.974	240	116088	20.000	ng	0.00
86) Perylene-d12	15.462	264	110027	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	497982	122.546	ng	0.02
7) Phenol-d6	6.440	99	566159	107.523	ng	0.00
23) Nitrobenzene-d5	7.351	82	411936	87.617	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	175570	123.739	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	838820	93.645	ng	-0.01
79) Terphenyl-d14	12.910	244	679934	81.850	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	53127	16.644	ng	# 72
25) Isophorone	7.351	82	411928	48.151	ng	# 65
50) Dimethylphthalate	9.816	163	23733	2.697	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15444	7.733	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	15444	5.957	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	10268	4.800	ng	# 1
77) Benzidine	12.910	184	7051	2.060	ng	# 90

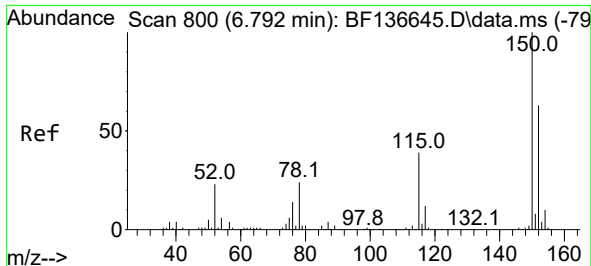
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 01:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

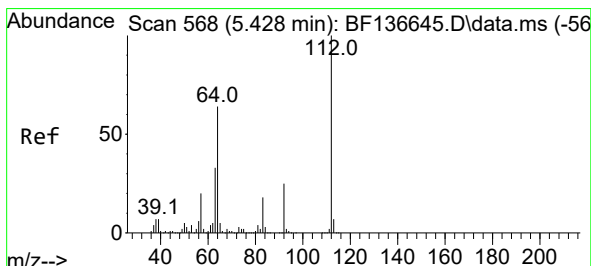
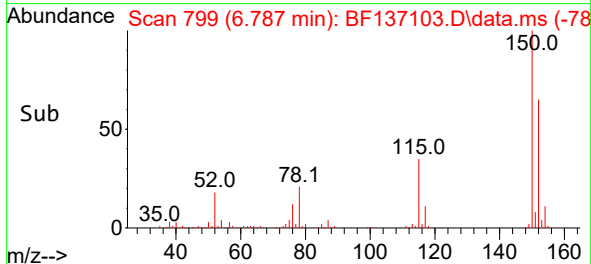
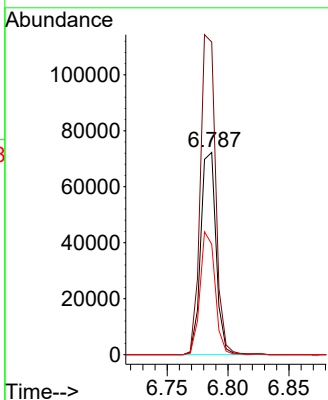
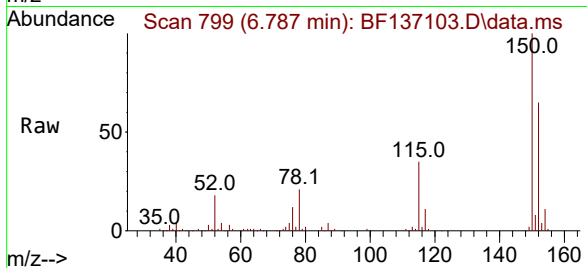




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

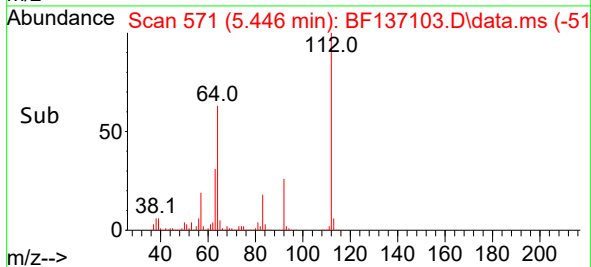
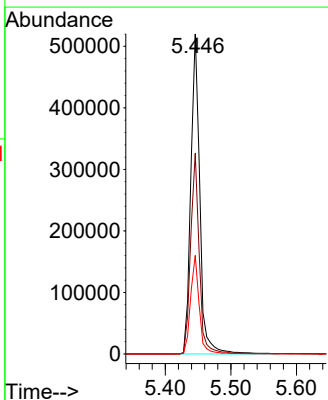
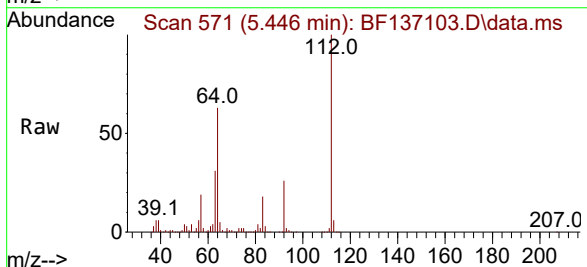
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

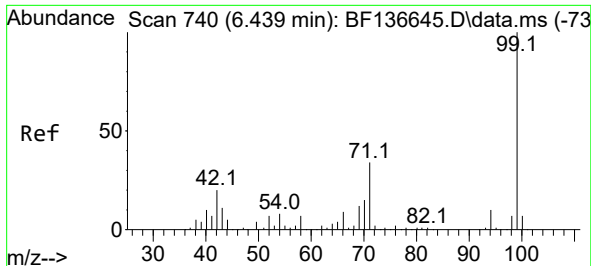
Tgt Ion:152 Resp: 63404
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 54.6 49.0 73.4



#5
2-Fluorophenol
Concen: 122.546 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion:112 Resp: 497982
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 30.8 26.1 39.1

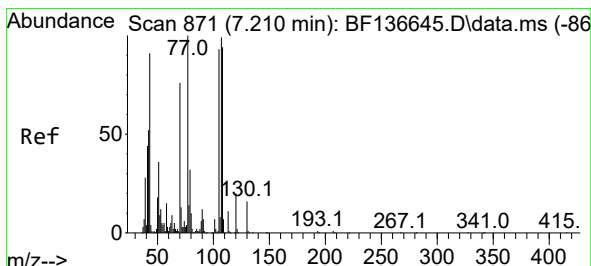
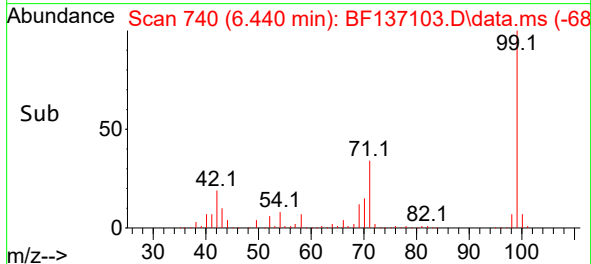
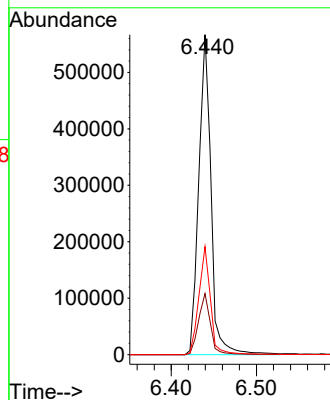
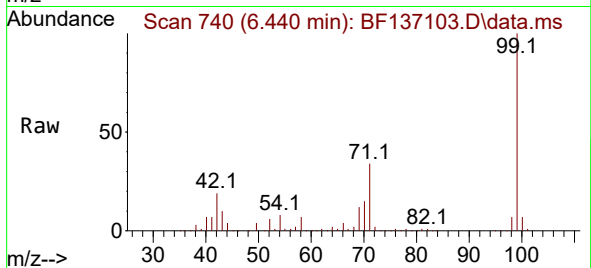




#7
Phenol-d6
Concen: 107.523 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

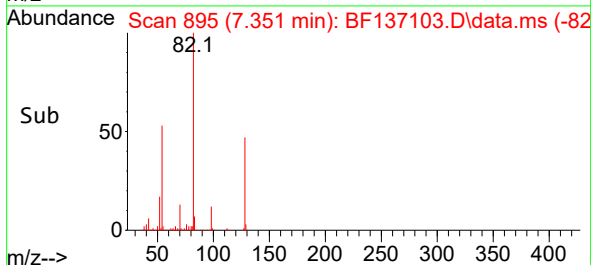
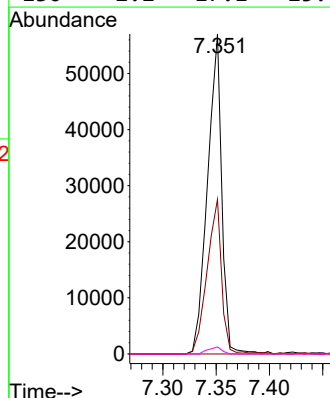
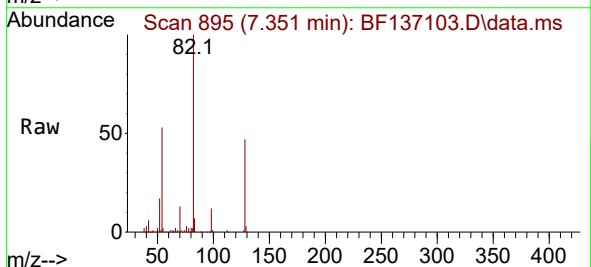
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

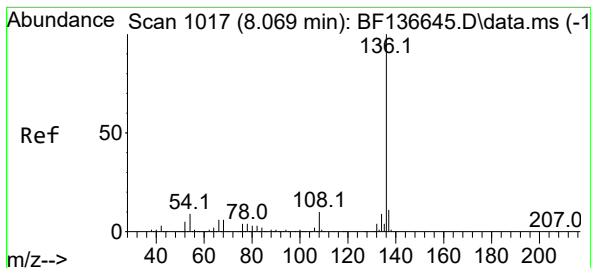
Tgt Ion: 99 Resp: 566159
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 33.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.644 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion: 70 Resp: 53127
Ion Ratio Lower Upper
70 100
42 48.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137103.D

Acq: 17 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

MR-306-0-2

Tgt Ion:136 Resp: 240583

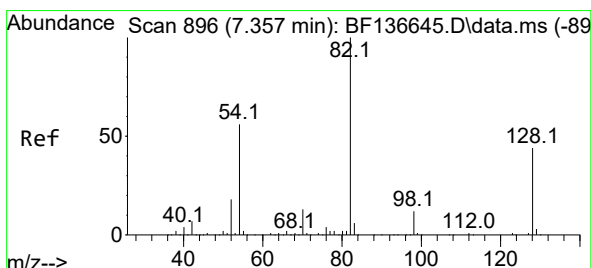
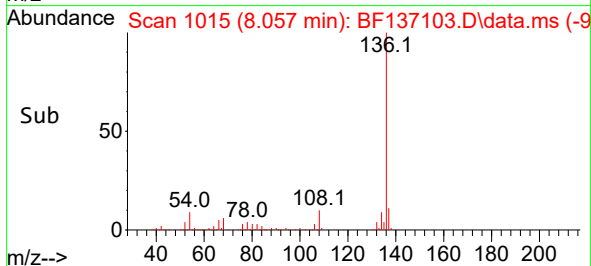
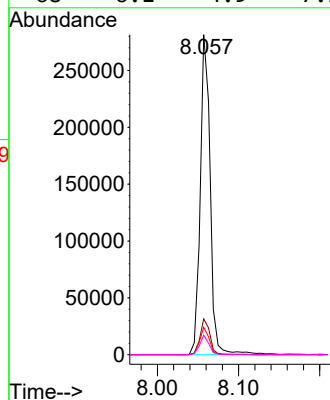
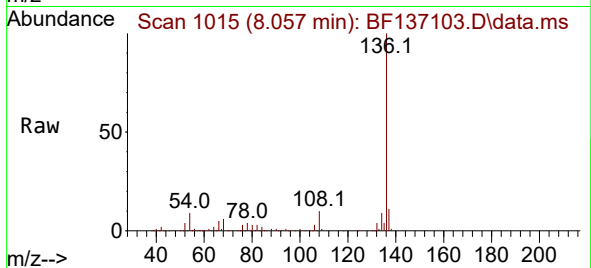
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.5 7.2 10.8

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 87.617 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137103.D

Acq: 17 Jan 2024 20:04

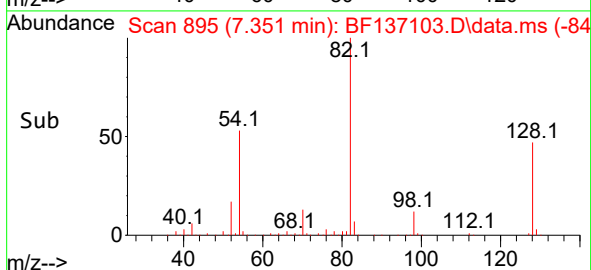
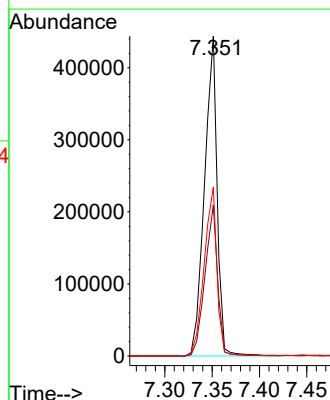
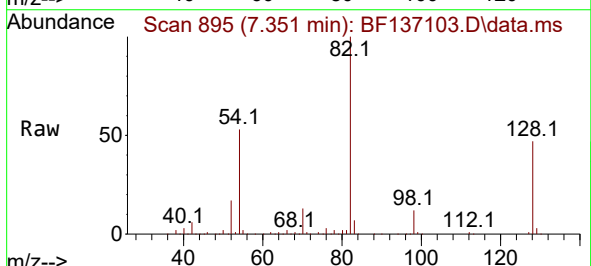
Tgt Ion: 82 Resp: 411936

Ion Ratio Lower Upper

82 100

128 47.2 35.3 52.9

54 52.7 44.5 66.7

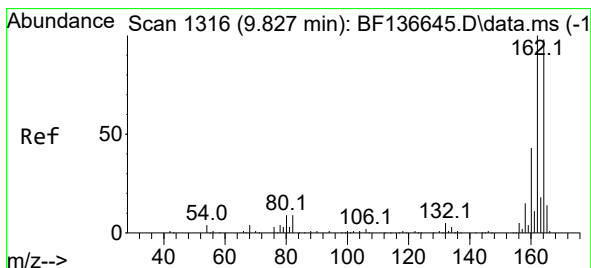
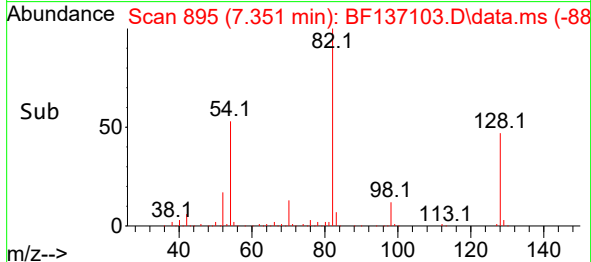
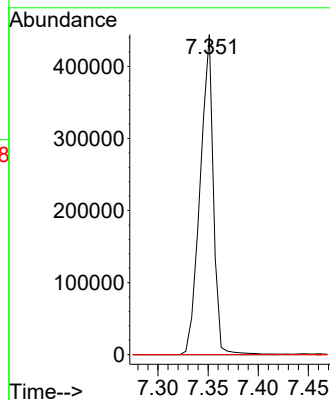
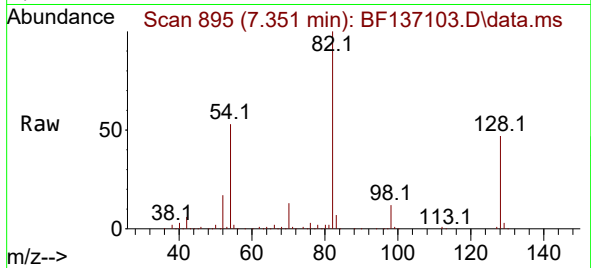




#25
Isophorone
Concen: 48.151 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

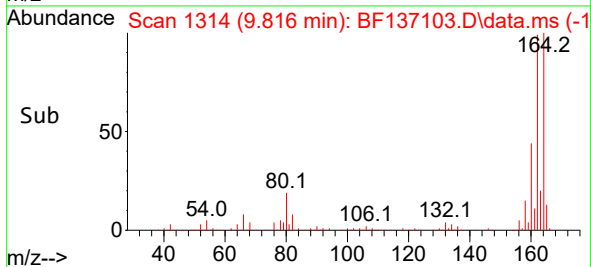
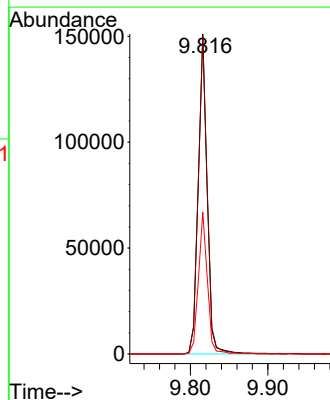
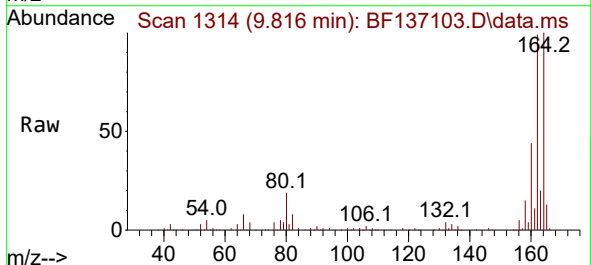
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

Tgt Ion: 82 Resp: 411928
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion:164 Resp: 120476
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 123.739 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137103.D

Acq: 17 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

MR-306-0-2

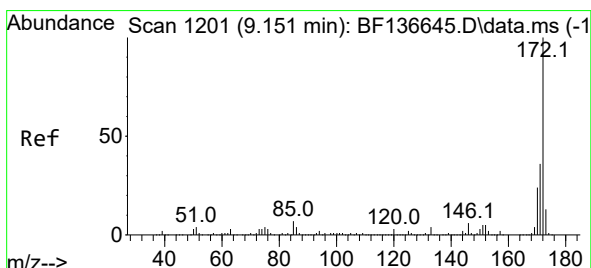
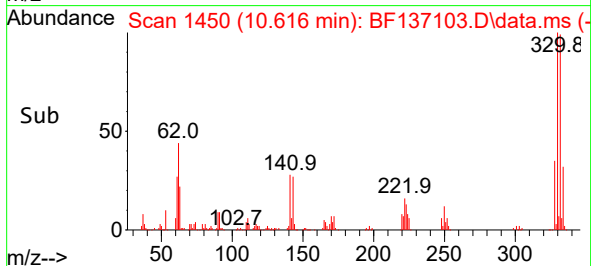
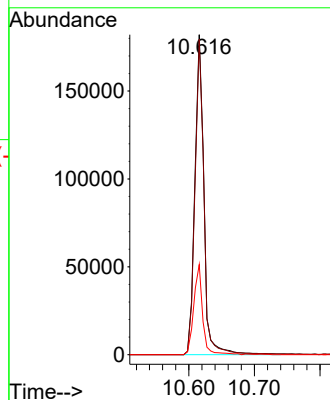
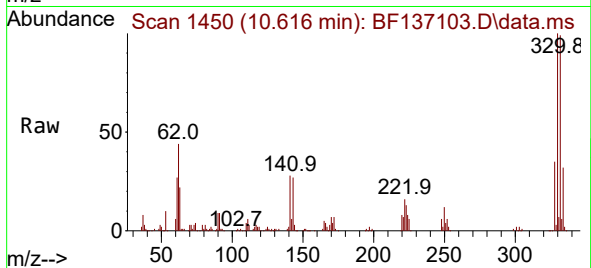
Tgt Ion:330 Resp: 175570

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.645 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137103.D

Acq: 17 Jan 2024 20:04

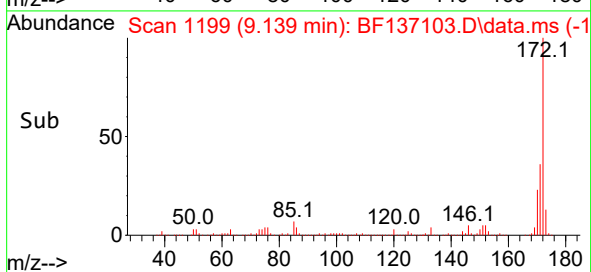
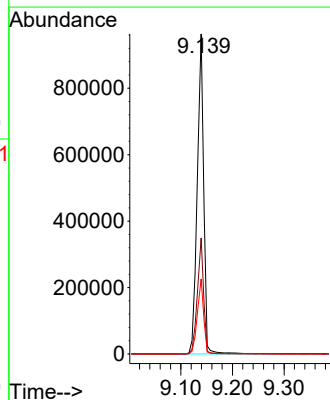
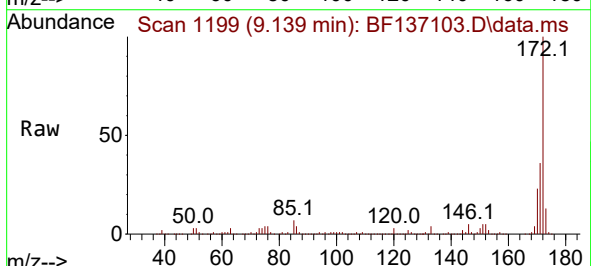
Tgt Ion:172 Resp: 838820

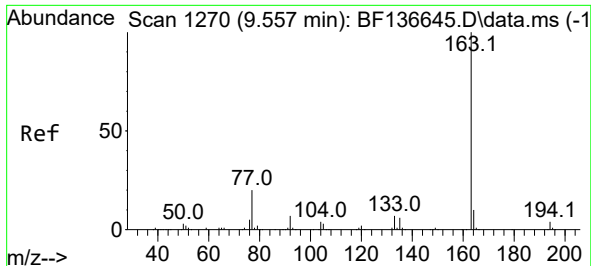
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.5 19.0 28.4

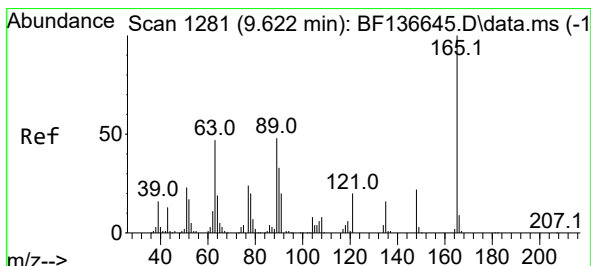
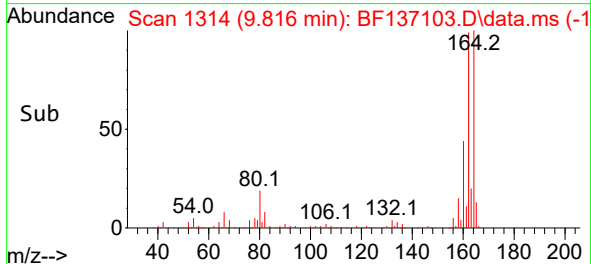
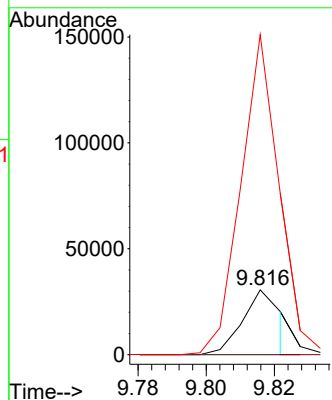
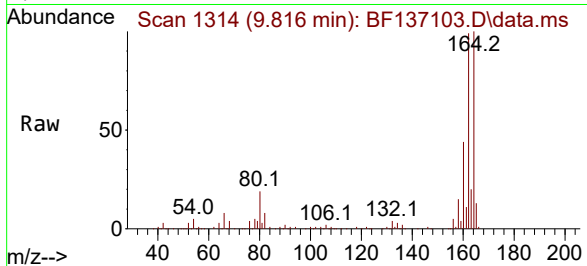




#50
Dimethylphthalate
Concen: 2.697 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

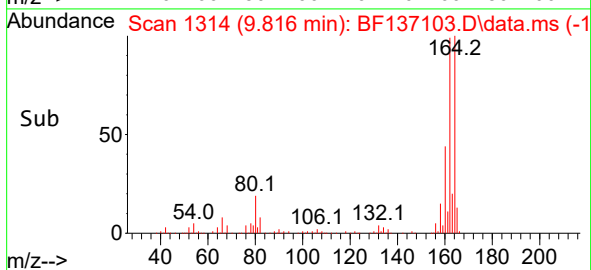
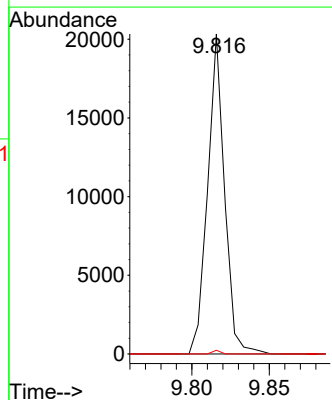
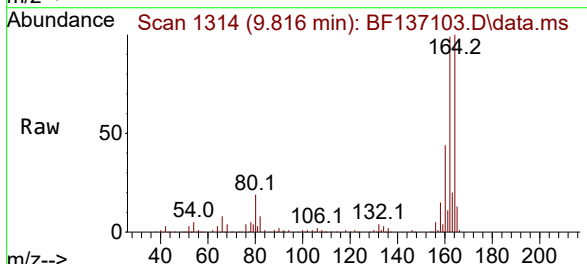
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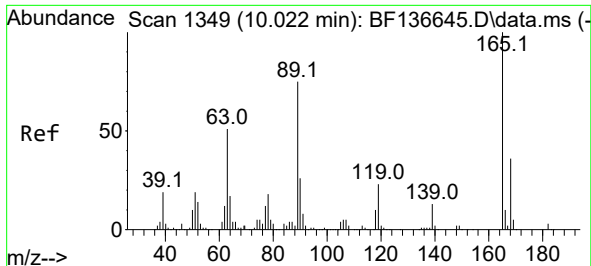
Tgt Ion:163 Resp: 23733
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 494.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion:165 Resp: 15444
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.2 38.8 58.2#

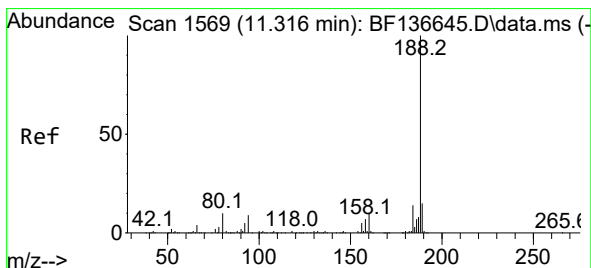
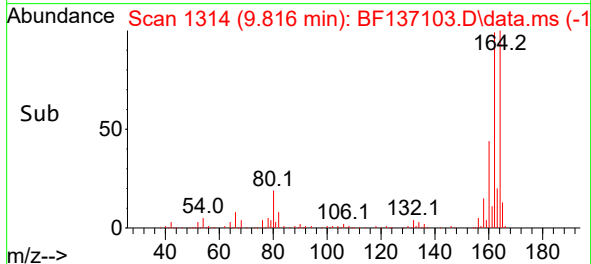
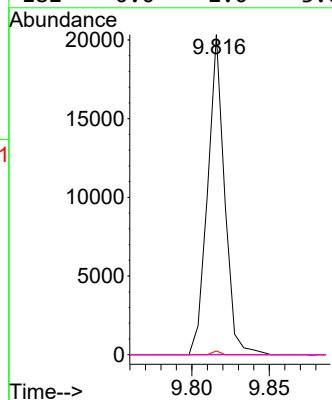
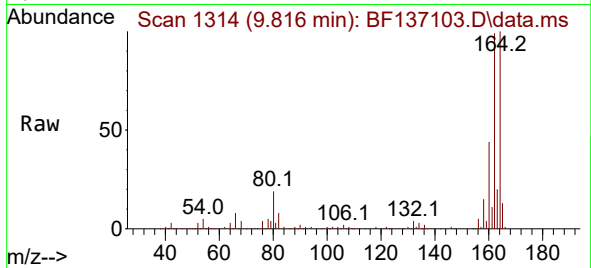




#57
2,4-Dinitrotoluene
Concen: 5.957 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

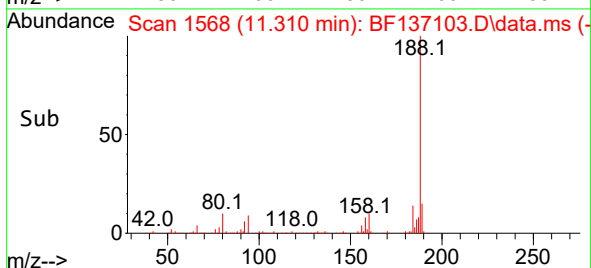
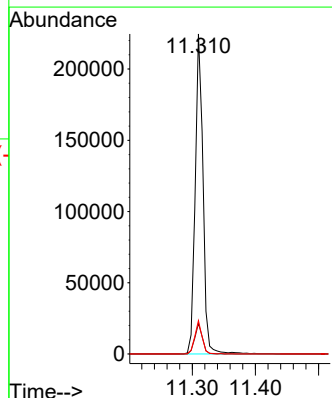
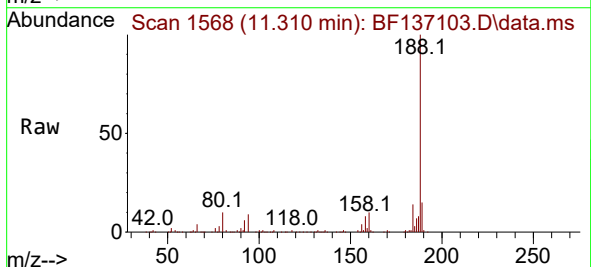
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

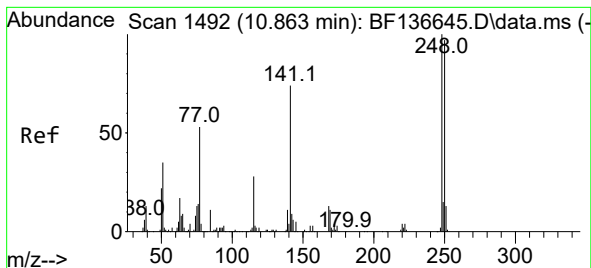
Tgt Ion:165 Resp: 15444
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion:188 Resp: 192628
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.5 8.1 12.1

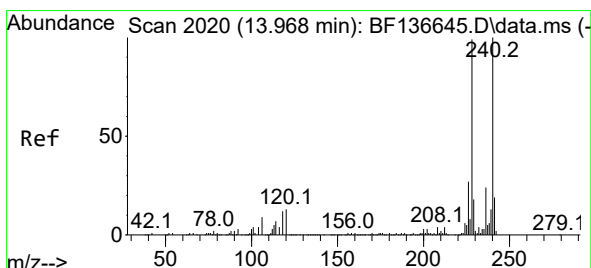
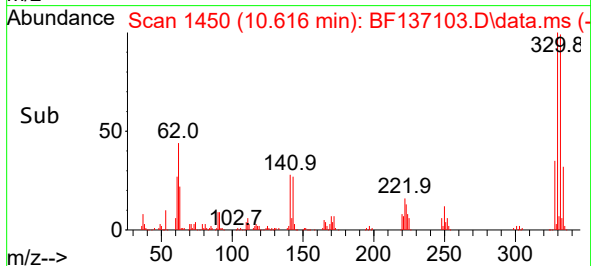
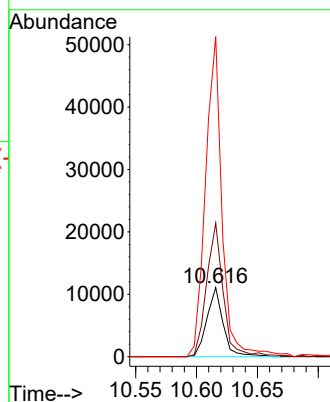
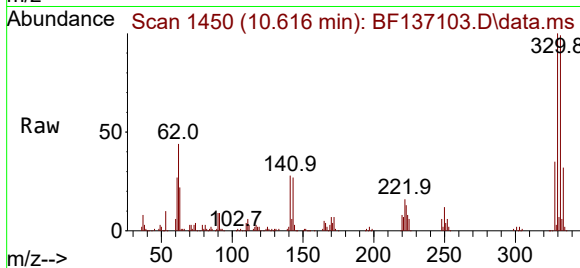




#67
4-Bromophenyl-phenylether
Concen: 4.800 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

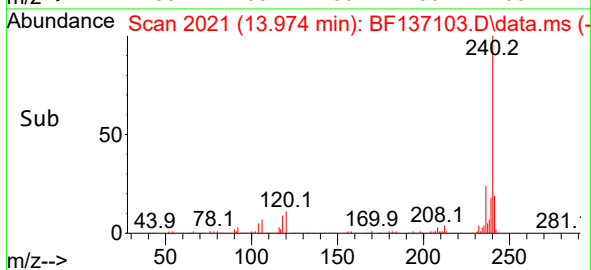
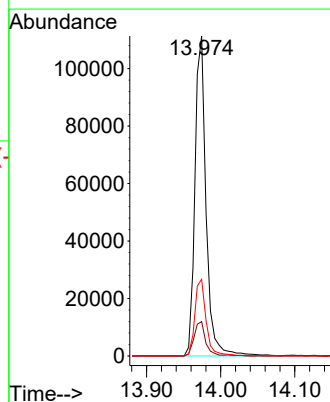
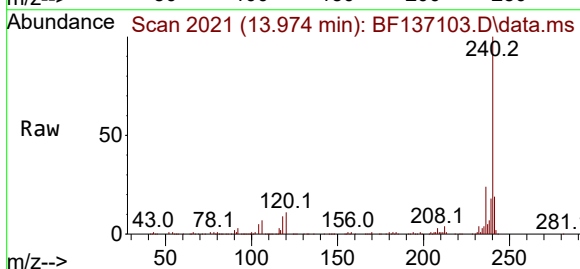
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

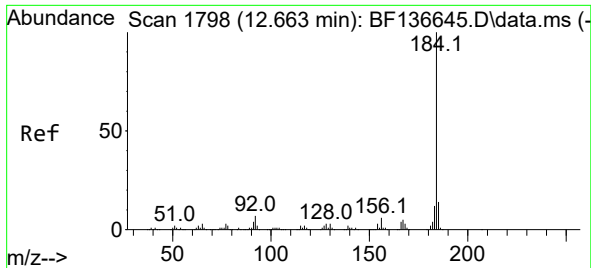
Tgt Ion:248 Resp: 10268
Ion Ratio Lower Upper
248 100
250 193.0 77.8 116.6#
141 462.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion:240 Resp: 116088
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 24.0 19.4 29.2

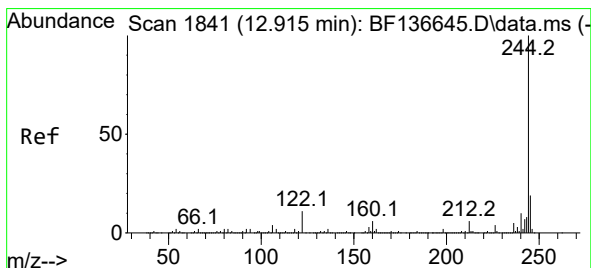
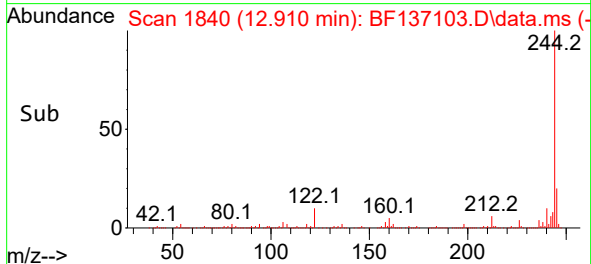
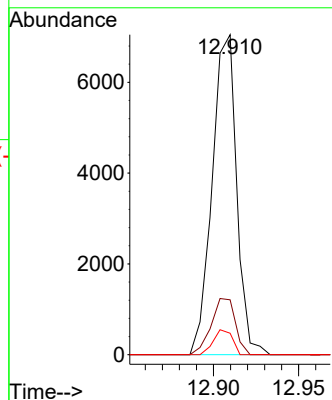
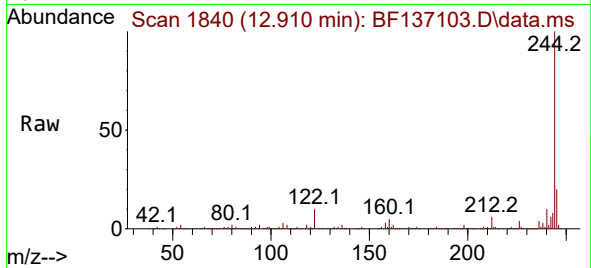




#77
Benzidine
Concen: 2.060 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

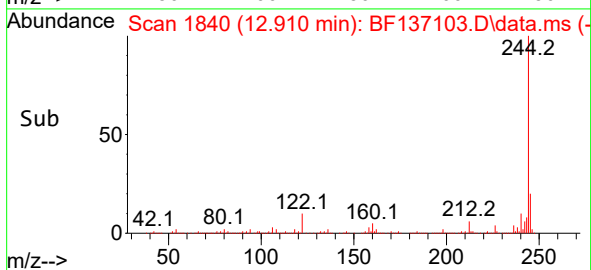
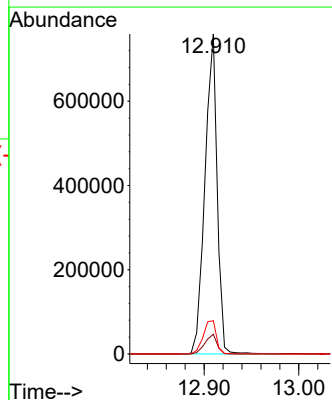
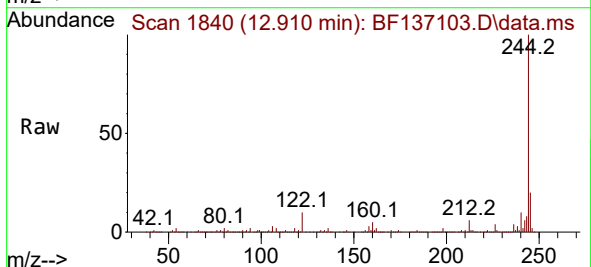
Instrument :
BNA_F
ClientSampleId :
MR-306-0-2

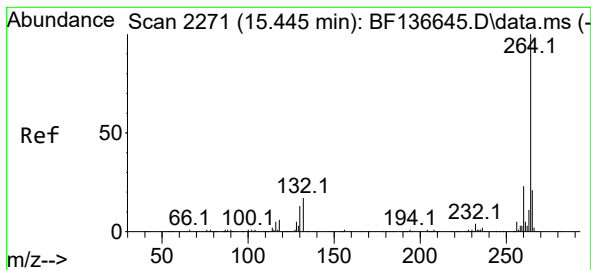
Tgt Ion:184 Resp: 7051
Ion Ratio Lower Upper
184 100
185 17.2 11.2 16.8#
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 81.850 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF137103.D
Acq: 17 Jan 2024 20:04

Tgt Ion:244 Resp: 679934
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 10.4 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137103.D

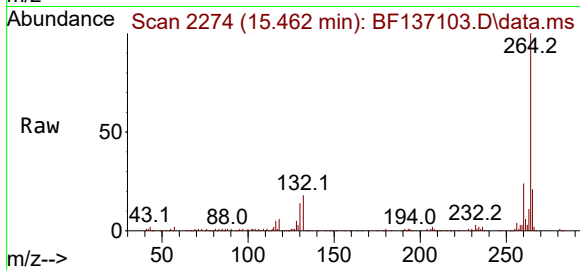
Acq: 17 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

MR-306-0-2



Tgt Ion:264 Resp: 110027

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.3 17.0 25.6

