

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137045.D
 Acq On : 12 Jan 2024 13:28
 Operator : CG\JU
 Sample : PB158404BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158404BL

Quant Time: Jan 12 19:01:57 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)

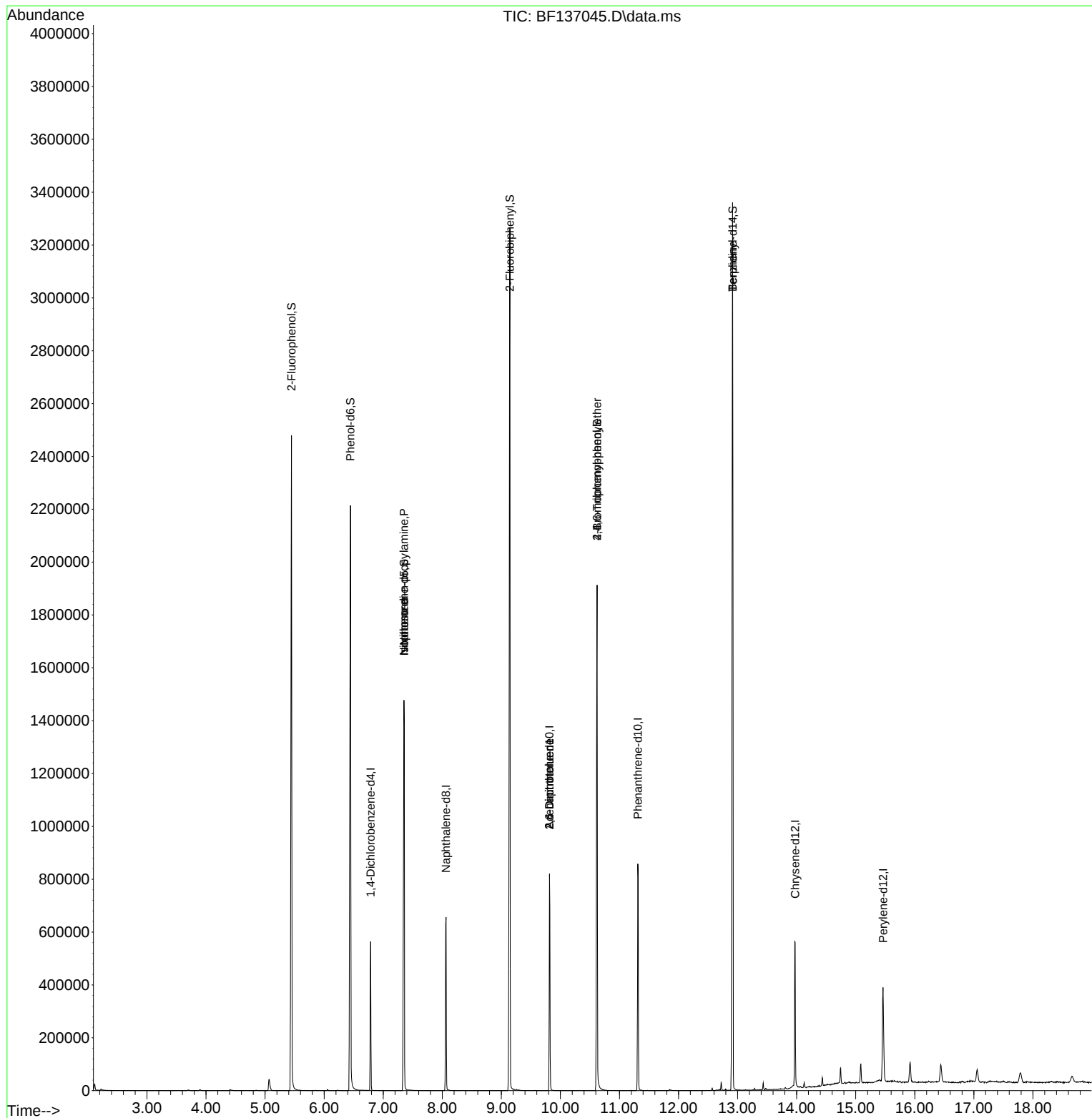
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	81408	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	323144	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	170264	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	346314	20.000	ng	0.00
76) Chrysene-d12	13.974	240	206661	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	170673	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	757340	145.154	ng	0.02
7) Phenol-d6	6.446	99	938173	138.770	ng	0.00
23) Nitrobenzene-d5	7.351	82	600618	95.110	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	275503	137.392	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1187099	93.774	ng	0.00
79) Terphenyl-d14	12.916	244	1391786	94.114	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	79249	19.337	ng	# 74
25) Isophorone	7.351	82	599081	52.136	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	21585	7.648	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	21585	5.891	ng	# 21
67) 4-Bromophenyl-phenylether	10.622	248	16312	4.241	ng	# 1
77) Benzidine	12.916	184	15927	2.614	ng	# 92

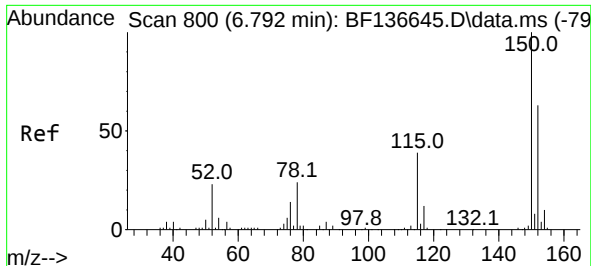
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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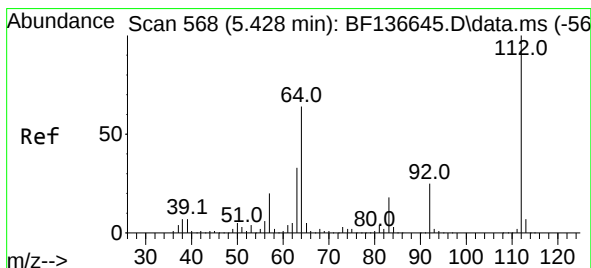
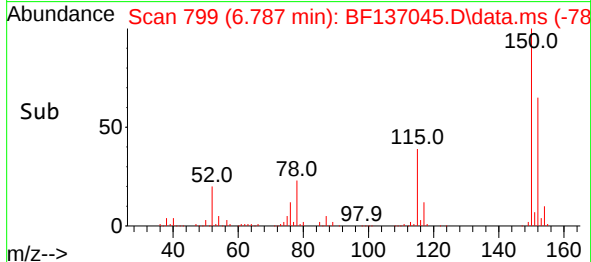
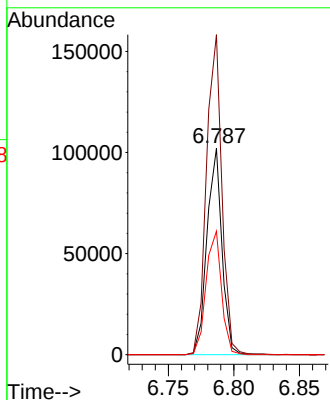
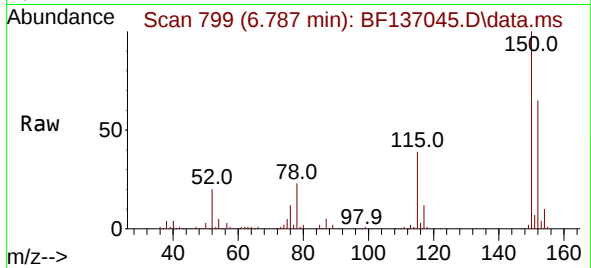




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

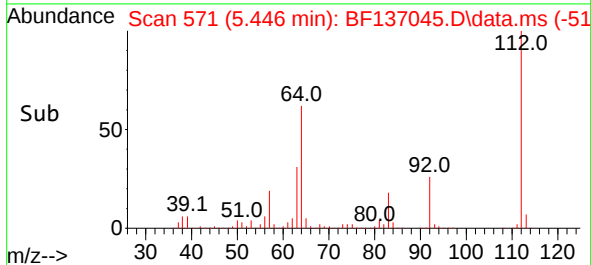
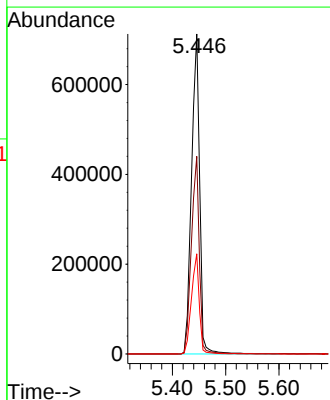
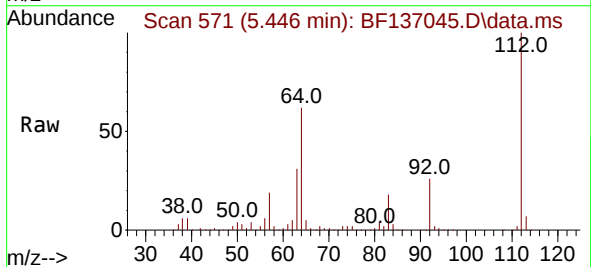
Instrument :
BNA_F
ClientSampleId :
PB158404BL

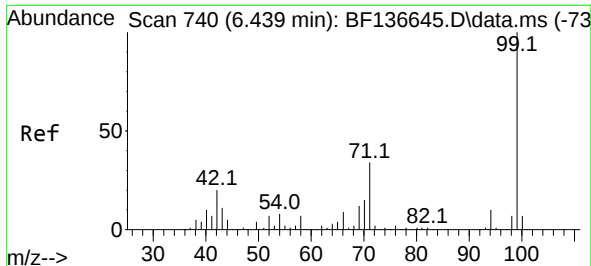
Tgt Ion:152 Resp: 81408
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 145.154 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

Tgt Ion:112 Resp: 757340
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 31.3 26.1 39.1

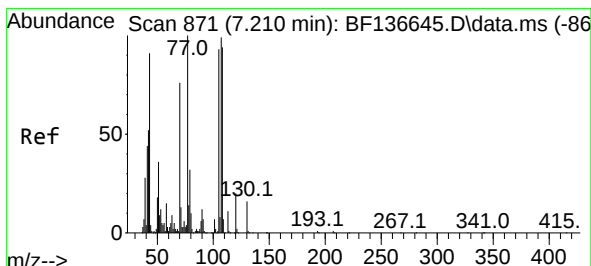
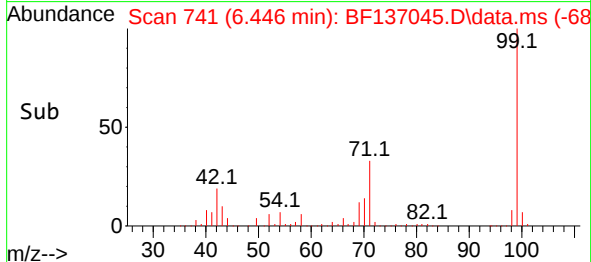
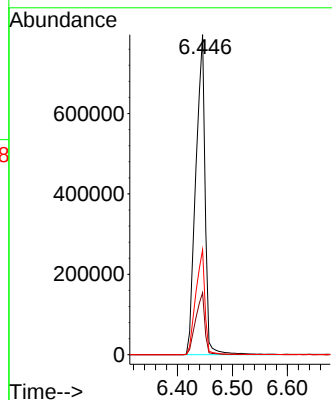
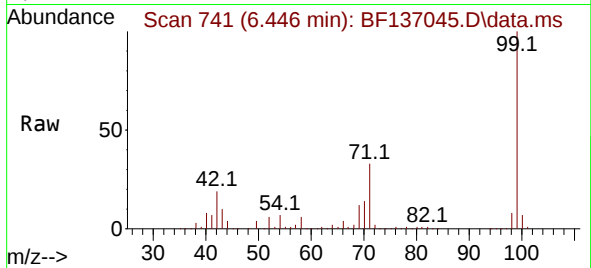




#7
Phenol-d6
Concen: 138.770 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

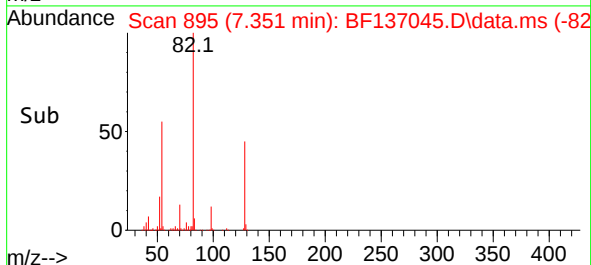
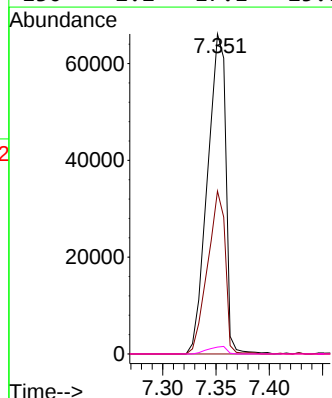
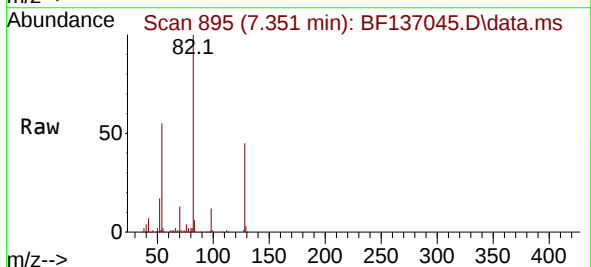
Instrument :
BNA_F
ClientSampleId :
PB158404BL

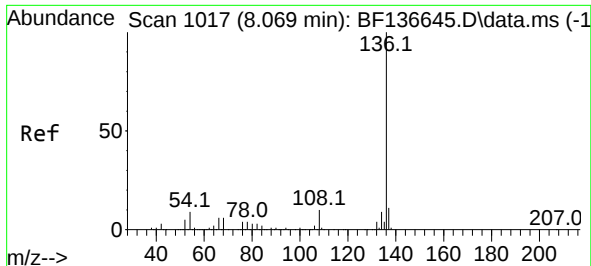
Tgt Ion: 99 Resp: 938173
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.337 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

Tgt Ion: 70 Resp: 79249
Ion Ratio Lower Upper
70 100
42 50.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#

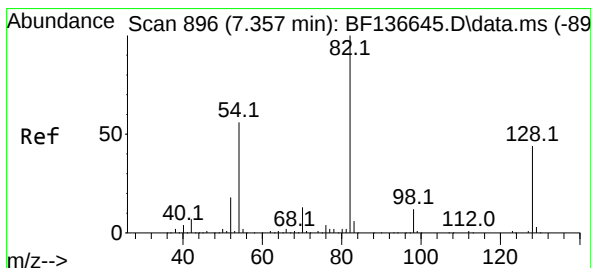
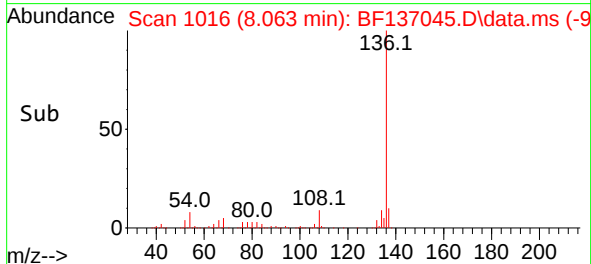
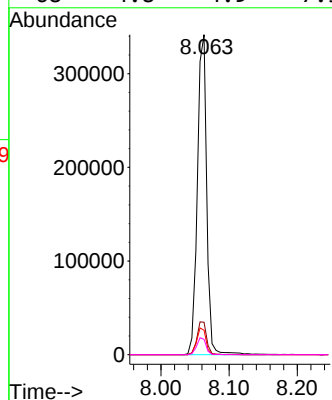
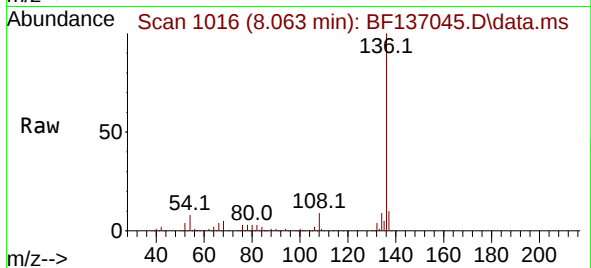




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

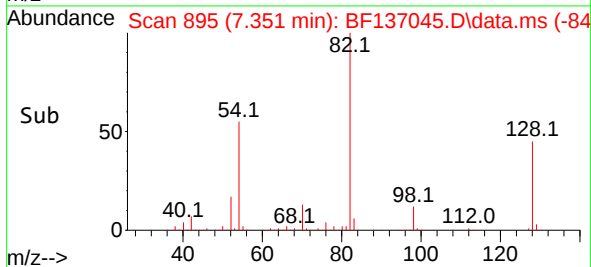
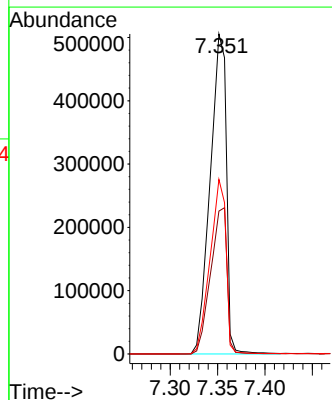
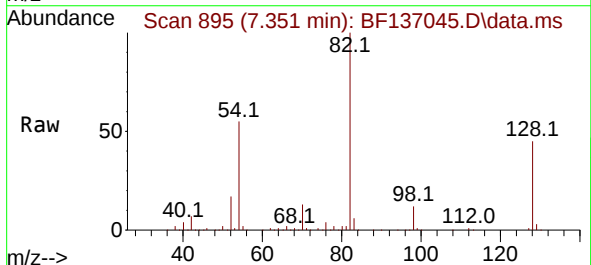
Instrument :
BNA_F
ClientSampleId :
PB158404BL

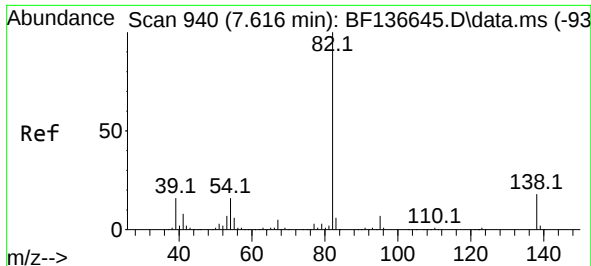
Tgt Ion:136 Resp: 323144
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 7.6 7.2 10.8
68 4.8 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 95.110 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

Tgt Ion: 82 Resp: 600618
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 54.6 44.5 66.7

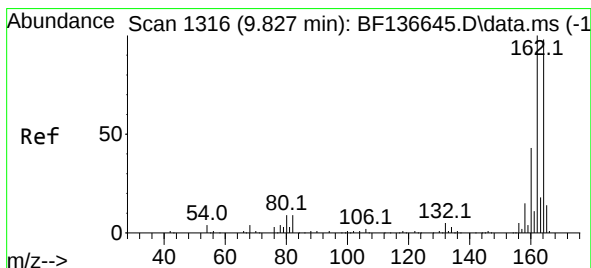
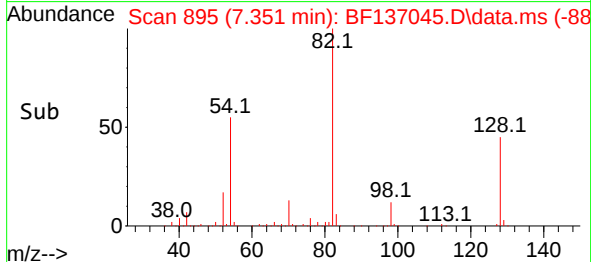
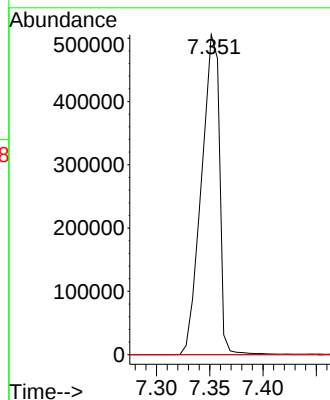
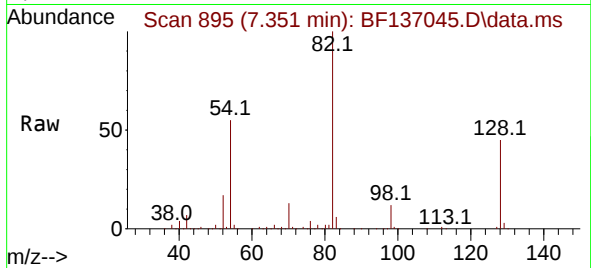




#25
Isophorone
Concen: 52.136 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

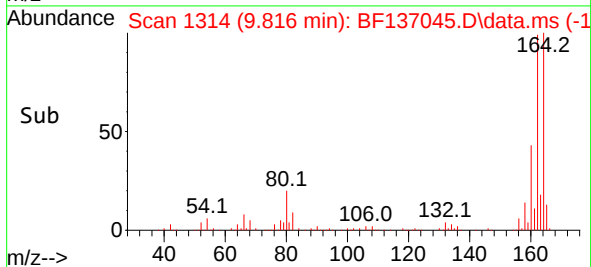
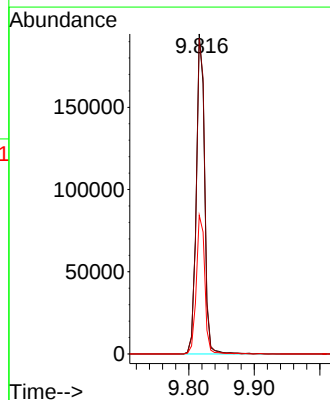
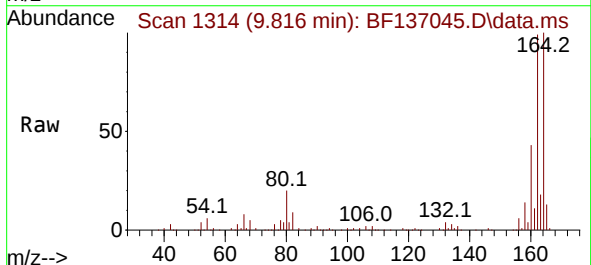
Instrument :
BNA_F
ClientSampleId :
PB158404BL

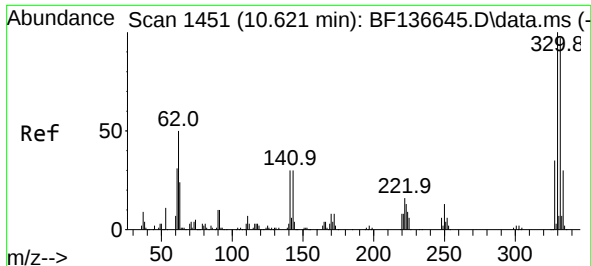
Tgt Ion: 82 Resp: 599081
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

Tgt Ion:164 Resp: 170264
Ion Ratio Lower Upper
164 100
162 98.6 81.6 122.4
160 43.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 137.392 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

Instrument :

BNA_F

ClientSampleId :

PB158404BL

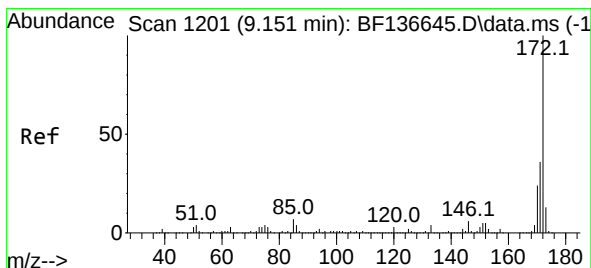
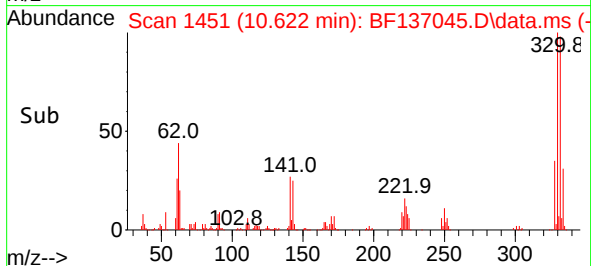
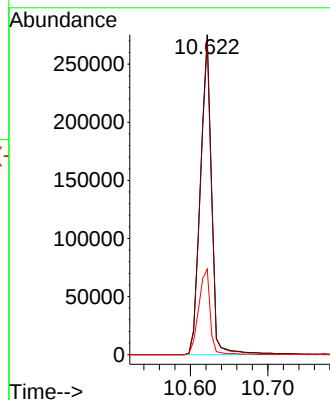
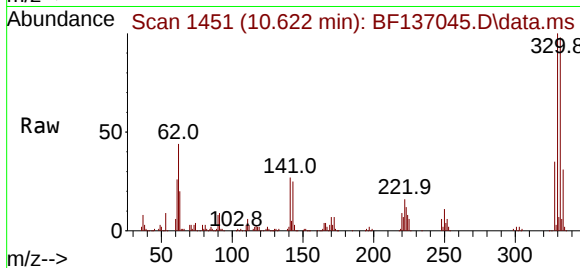
Tgt Ion:330 Resp: 275503

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.774 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

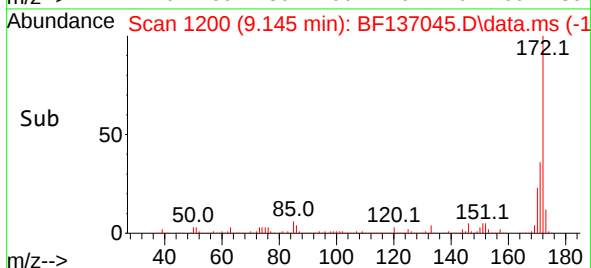
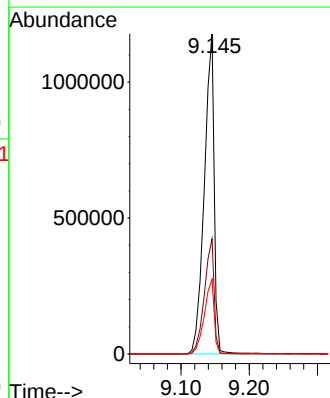
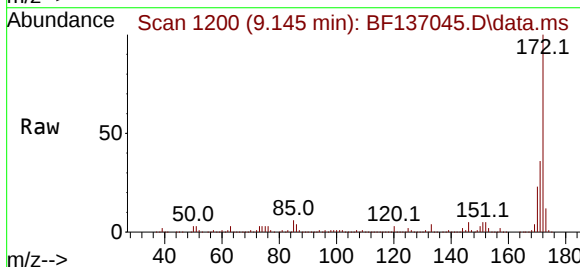
Tgt Ion:172 Resp: 1187099

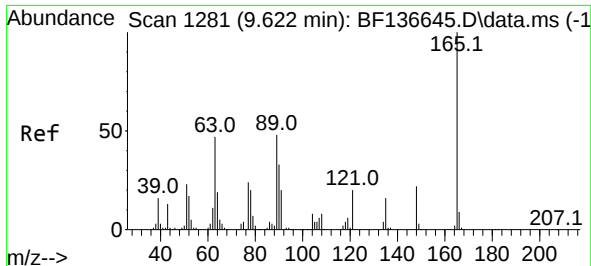
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.4 19.0 28.4

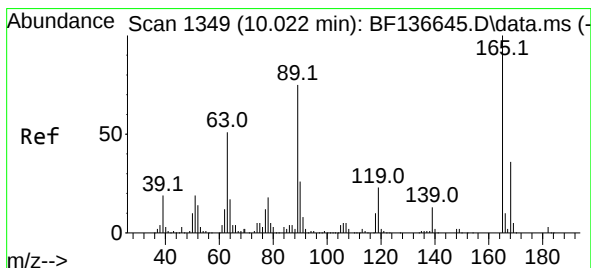
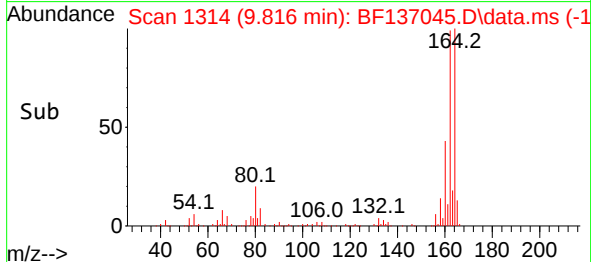
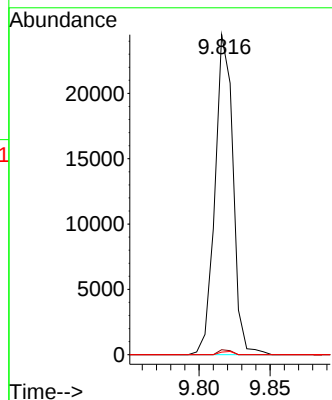
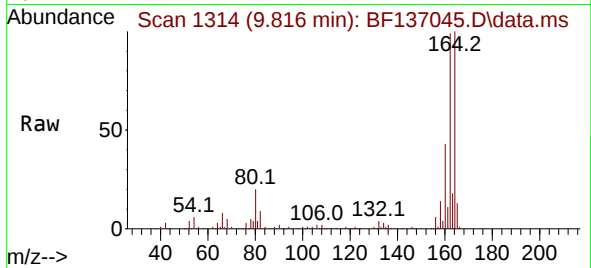




#51
2,6-Dinitrotoluene
Concen: 7.648 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

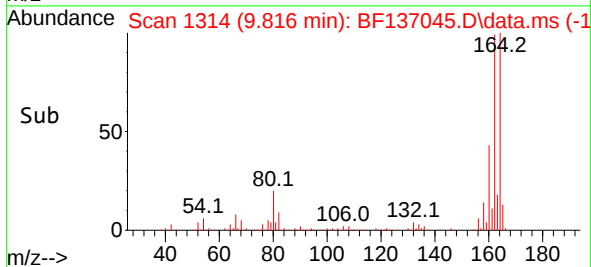
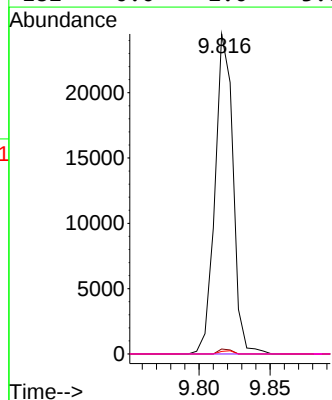
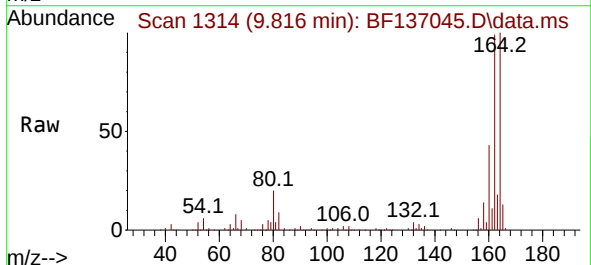
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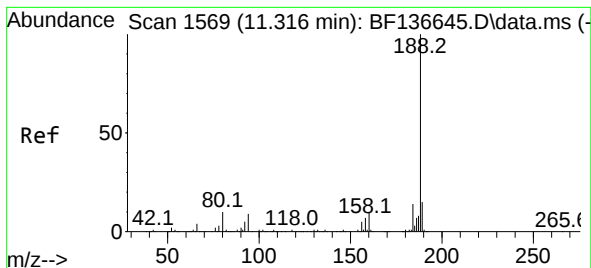
Tgt Ion:165 Resp: 21585
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.8 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.891 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137045.D
Acq: 12 Jan 2024 13:28

Tgt Ion:165 Resp: 21585
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 0.8 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

Instrument :

BNA_F

ClientSampleId :

PB158404BL

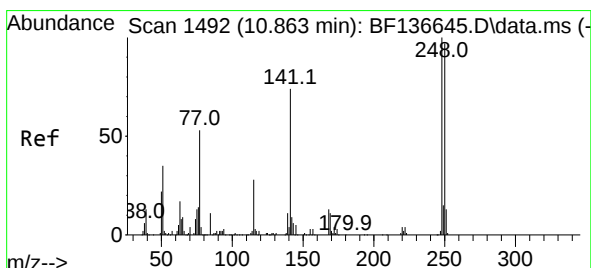
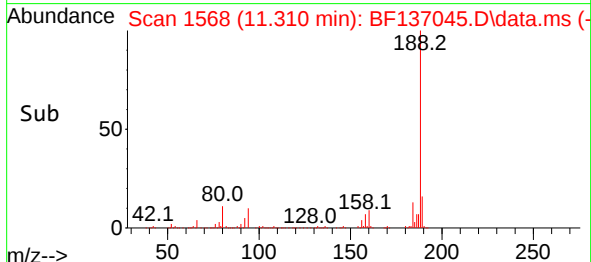
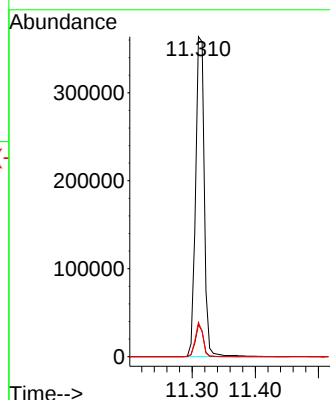
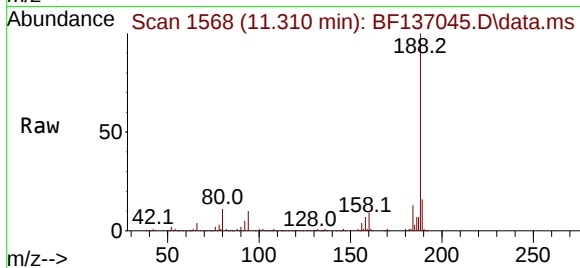
Tgt Ion:188 Resp: 346314

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.8 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.241 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

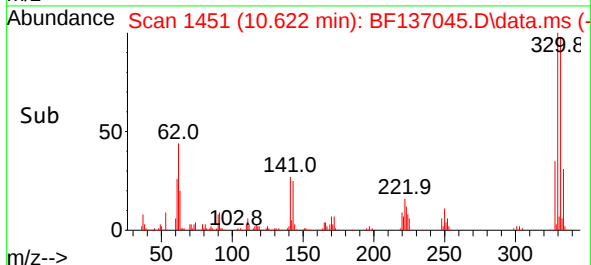
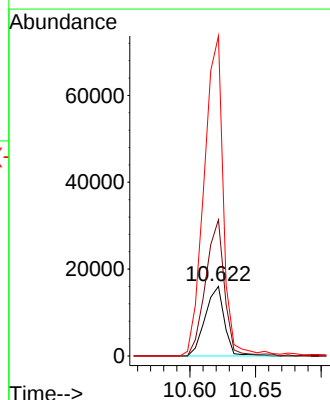
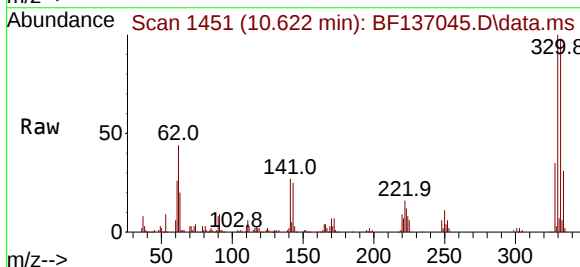
Tgt Ion:248 Resp: 16312

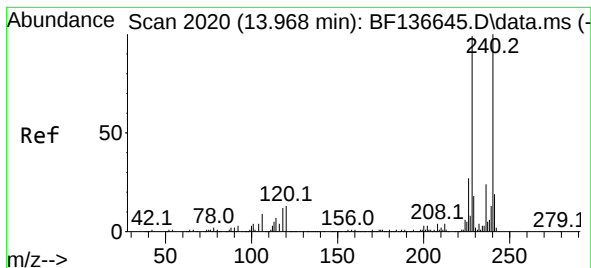
Ion Ratio Lower Upper

248 100

250 195.5 77.8 116.6#

141 459.5 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

Instrument :

BNA_F

ClientSampleId :

PB158404BL

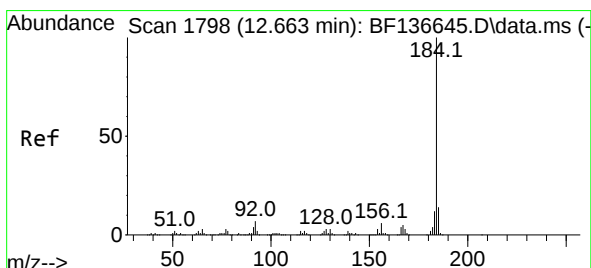
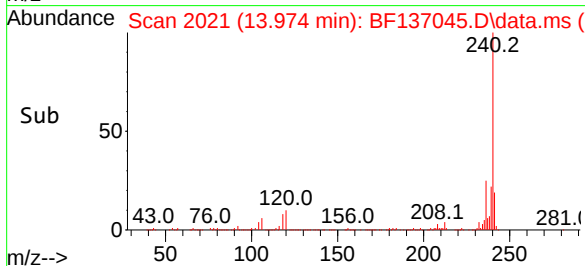
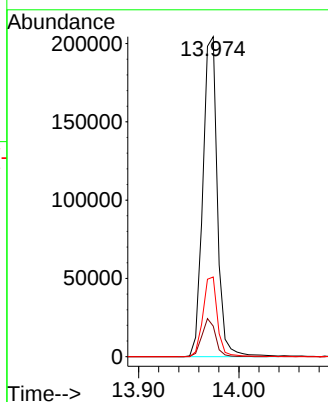
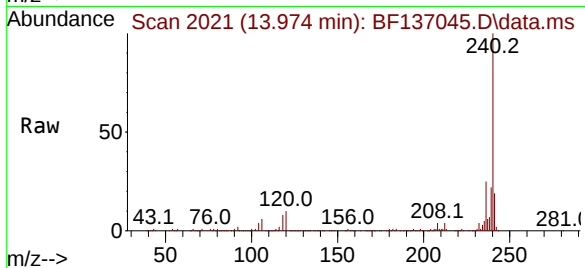
Tgt Ion:240 Resp: 206661

Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

236 24.9 19.4 29.2



#77

Benzidine

Concen: 2.614 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

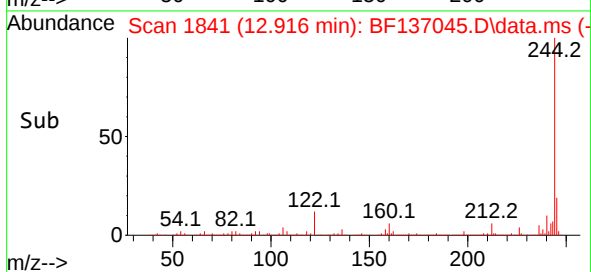
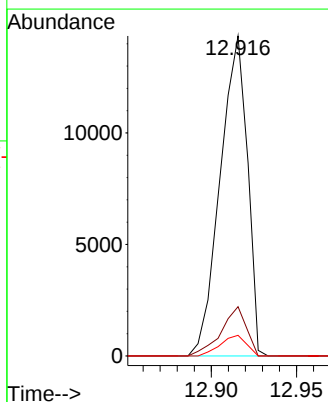
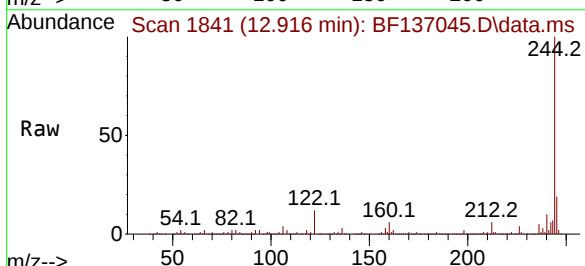
Tgt Ion:184 Resp: 15927

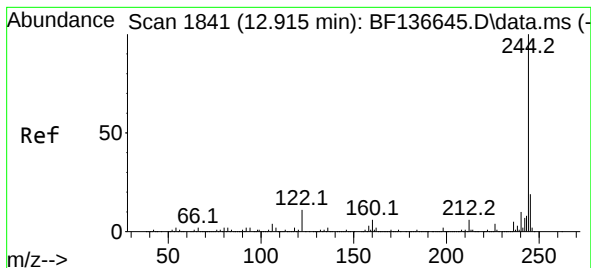
Ion Ratio Lower Upper

184 100

185 15.4 11.2 16.8

183 6.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 94.114 ng

RT: 12.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

Instrument :

BNA_F

ClientSampleId :

PB158404BL

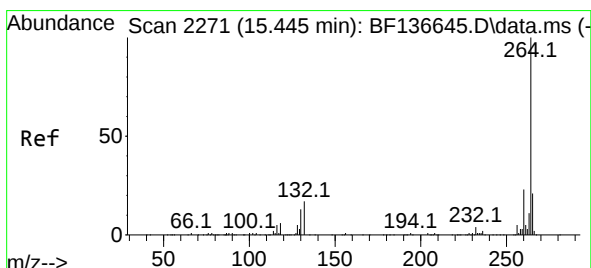
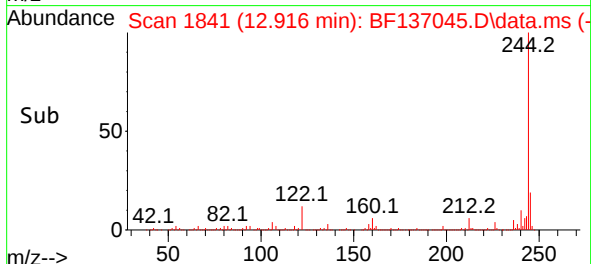
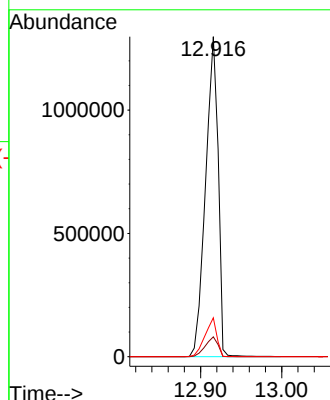
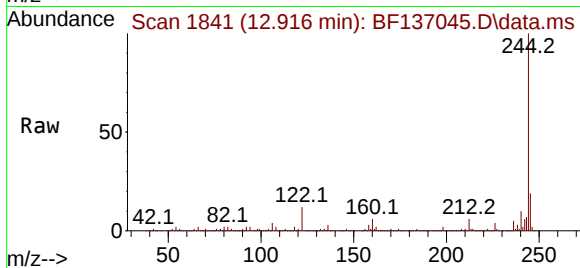
Tgt Ion:244 Resp: 1391786

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 12.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137045.D

Acq: 12 Jan 2024 13:28

Tgt Ion:264 Resp: 170673

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 21.2 17.0 25.6

