

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137084.D
 Acq On : 16 Jan 2024 17:39
 Operator : CG\JU
 Sample : P1147-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-D

Quant Time: Jan 16 18:22:18 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)

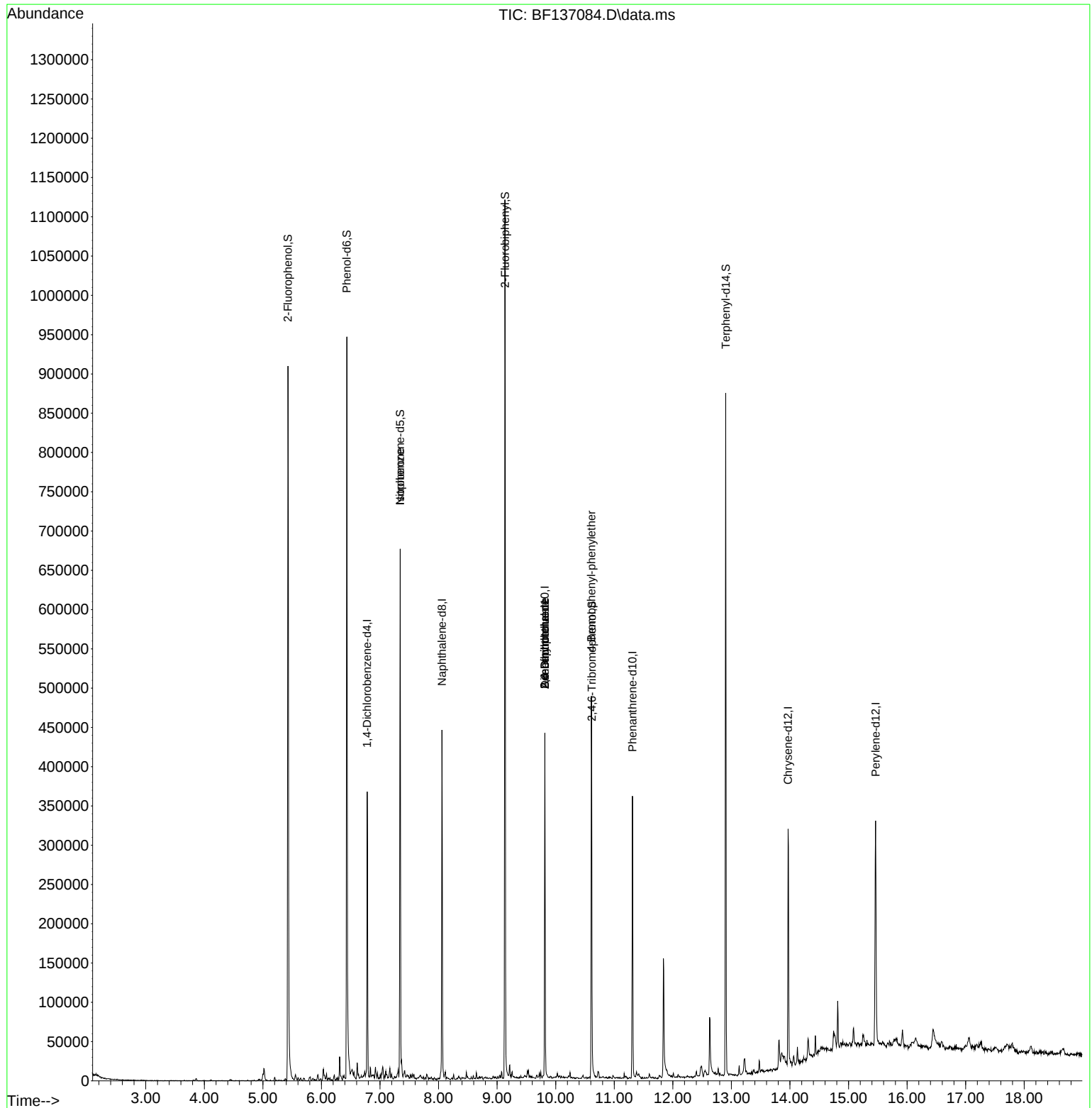
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	50516	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	183262	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	80037	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	128709	20.000	ng	0.00
76) Chrysene-d12	13.968	240	107075	20.000	ng	0.00
86) Perylene-d12	15.462	264	133920	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	264161	81.591	ng	0.00
7) Phenol-d6	6.434	99	316425	75.426	ng	0.00
23) Nitrobenzene-d5	7.345	82	192517	53.755	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	65009	68.967	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	353743	59.445	ng	-0.02
79) Terphenyl-d14	12.904	244	280121	36.559	ng	-0.01
Target Compounds						
					Qvalue	
25) Isophorone	7.345	82	192517	29.542	ng	# 65
50) Dimethylphthalate	9.816	163	15506	2.652	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10452	7.878	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	10452	6.068	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	3789	2.651	ng	# 1

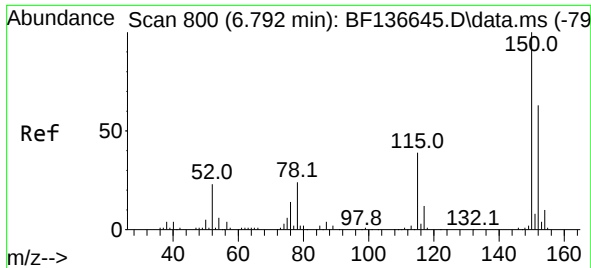
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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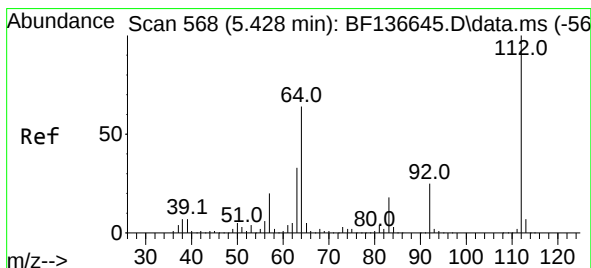
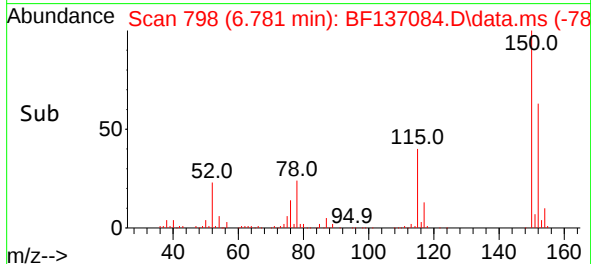
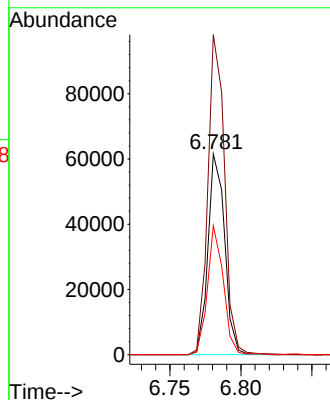
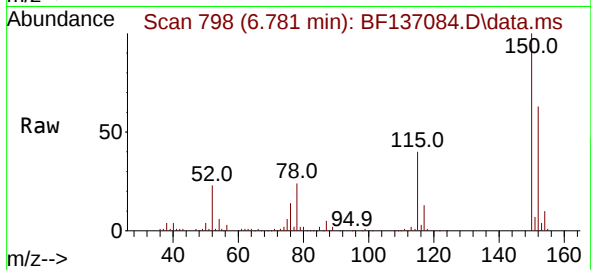




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

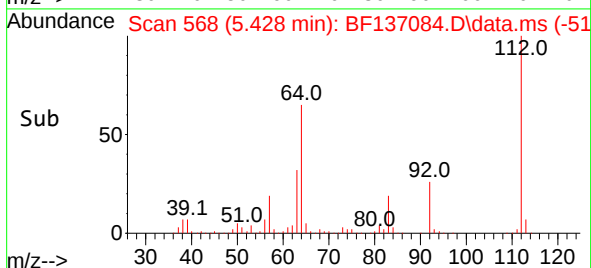
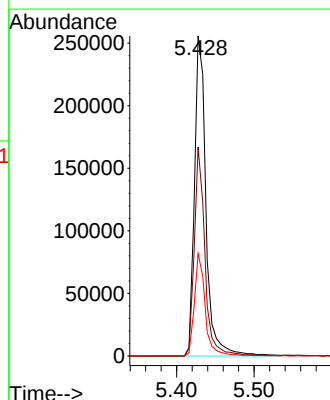
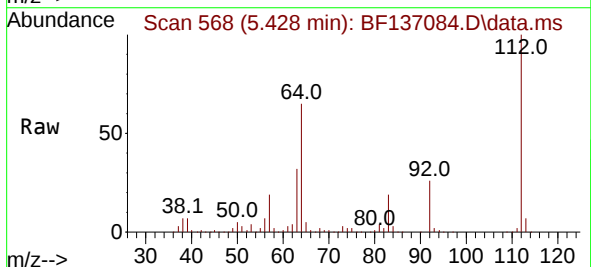
Instrument :
BNA_F
ClientSampleId :
MH-D

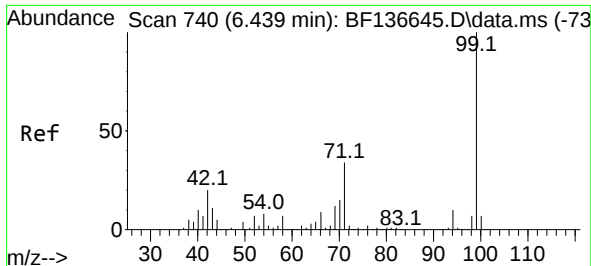
Tgt Ion:152 Resp: 50516
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 64.3 49.0 73.4



#5
2-Fluorophenol
Concen: 81.591 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

Tgt Ion:112 Resp: 264161
Ion Ratio Lower Upper
112 100
64 65.2 51.1 76.7
63 32.0 26.1 39.1

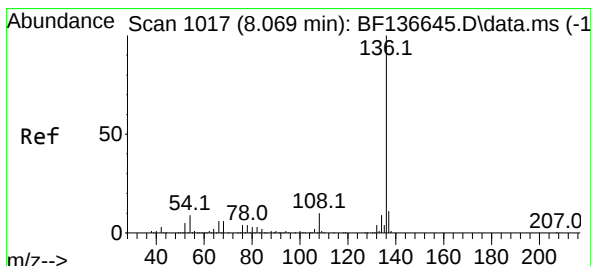
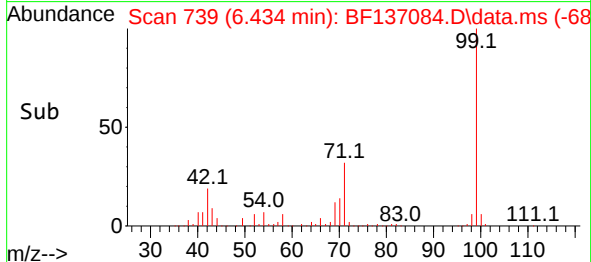
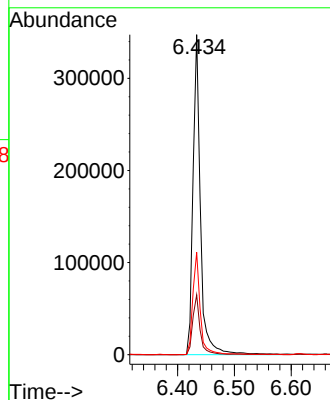
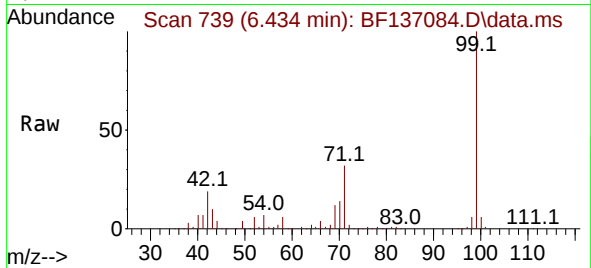




#7
Phenol-d6
Concen: 75.426 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

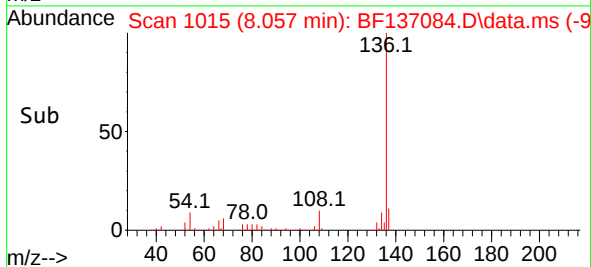
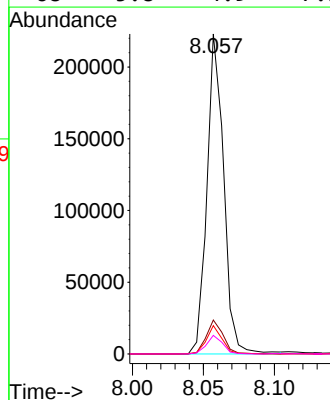
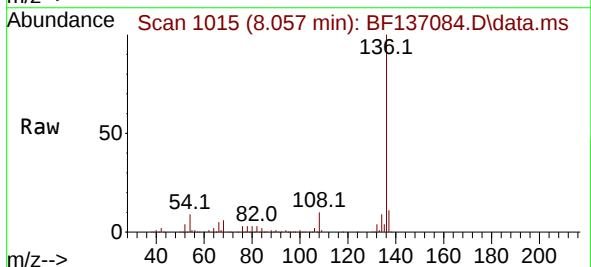
Instrument :
BNA_F
ClientSampleId :
MH-D

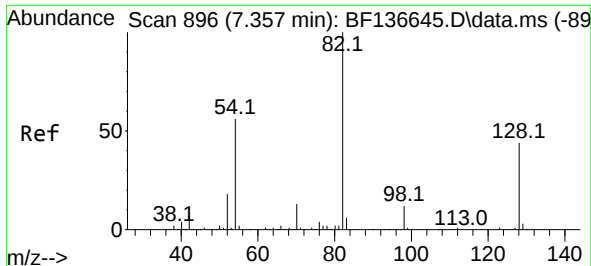
Tgt Ion: 99 Resp: 316425
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

Tgt Ion: 136 Resp: 183262
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.8 7.2 10.8
68 5.8 4.9 7.3

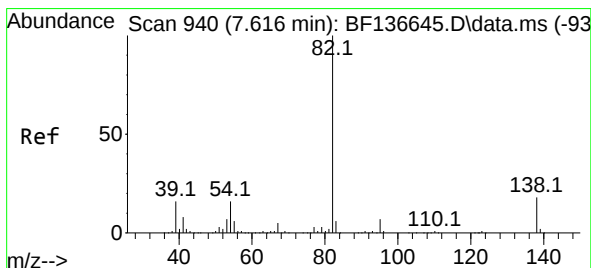
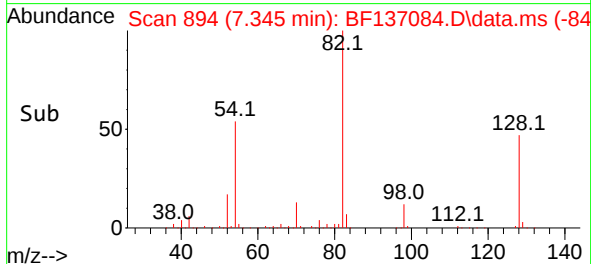
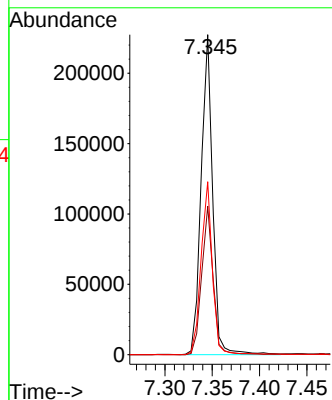
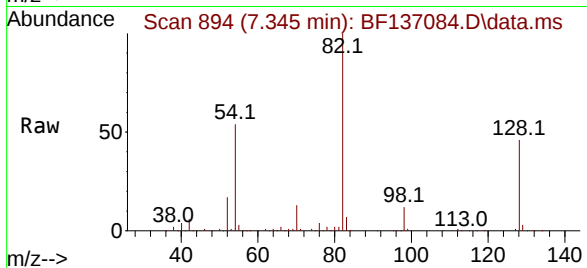




#23
Nitrobenzene-d5
Concen: 53.755 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

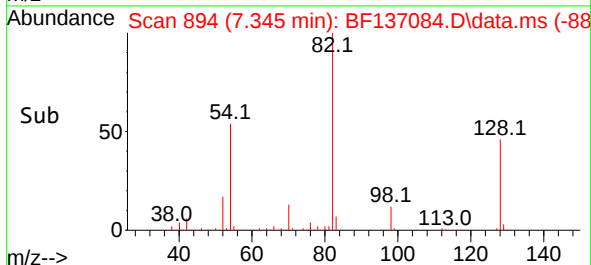
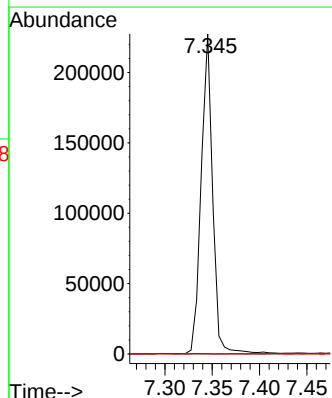
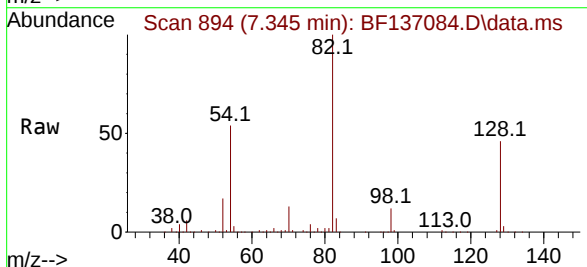
Instrument :
BNA_F
ClientSampleId :
MH-D

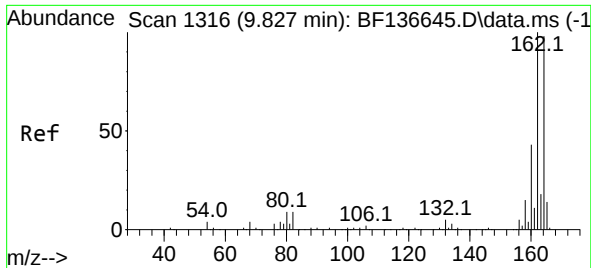
Tgt Ion: 82 Resp: 192517
Ion Ratio Lower Upper
82 100
128 46.5 35.3 52.9
54 54.0 44.5 66.7



#25
Isophorone
Concen: 29.542 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

Tgt Ion: 82 Resp: 192517
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

Instrument :

BNA_F

ClientSampleId :

MH-D

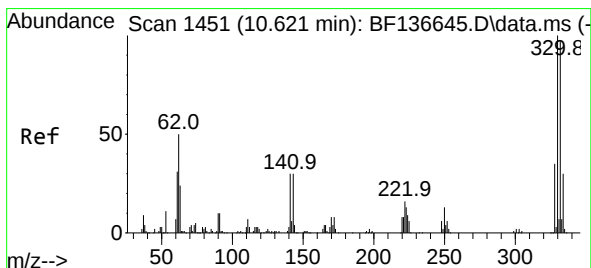
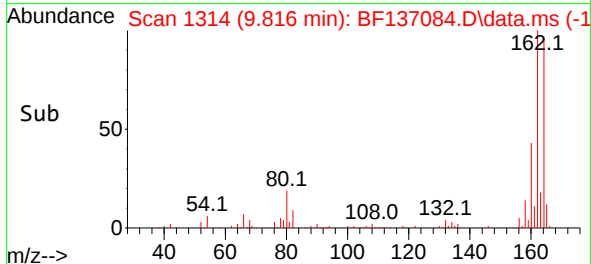
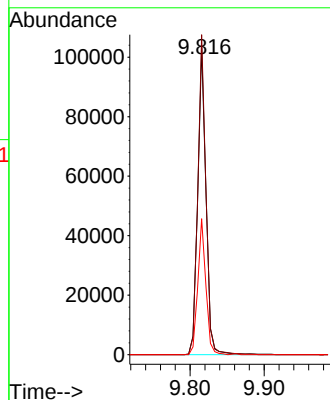
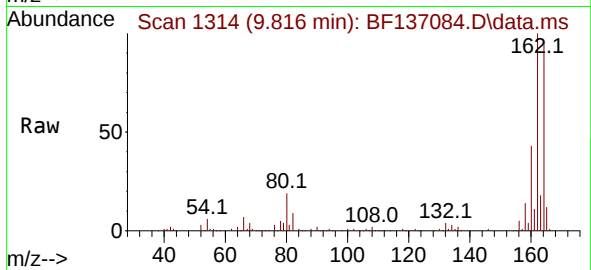
Tgt Ion:164 Resp: 80037

Ion Ratio Lower Upper

164 100

162 104.3 81.6 122.4

160 44.3 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 68.967 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

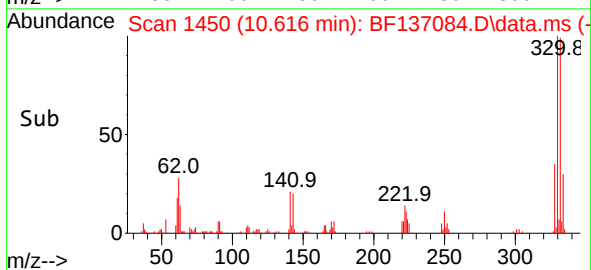
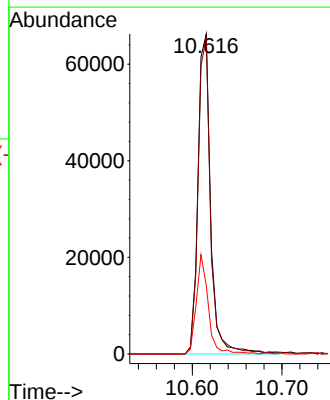
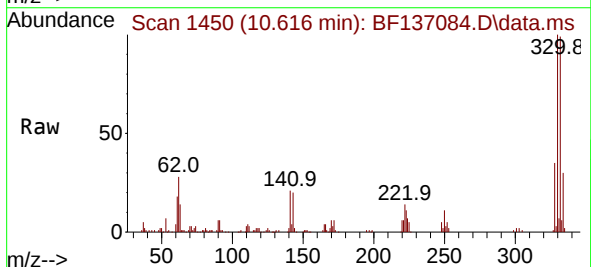
Tgt Ion:330 Resp: 65009

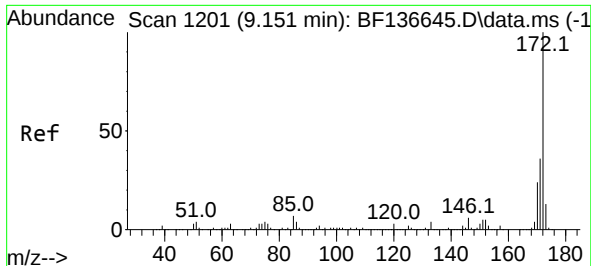
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 29.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 59.445 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

Instrument :

BNA_F

ClientSampleId :

MH-D

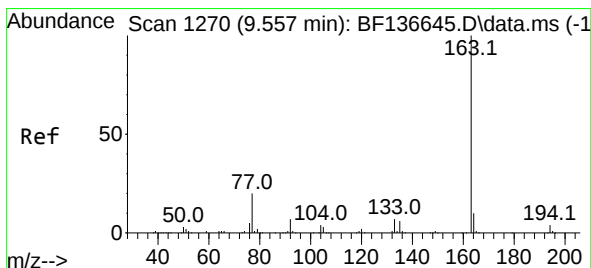
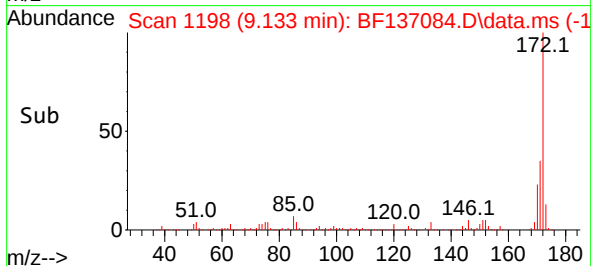
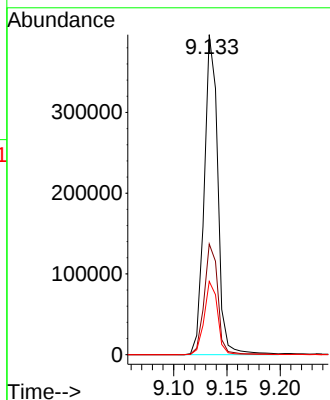
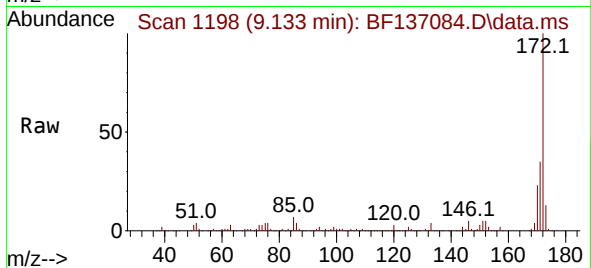
Tgt Ion:172 Resp: 353743

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.6

170 22.9 19.0 28.4



#50

Dimethylphthalate

Concen: 2.652 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

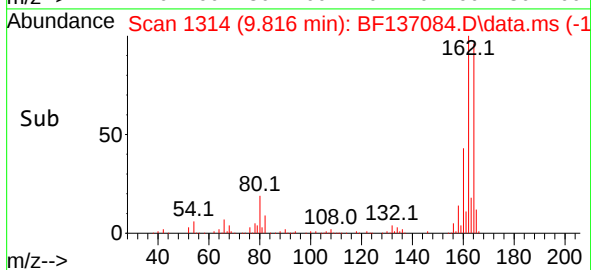
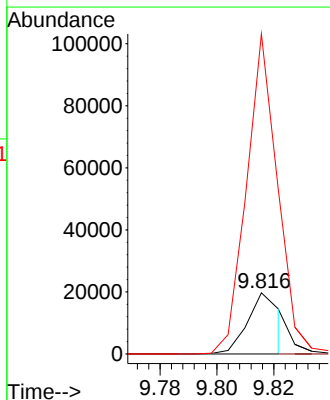
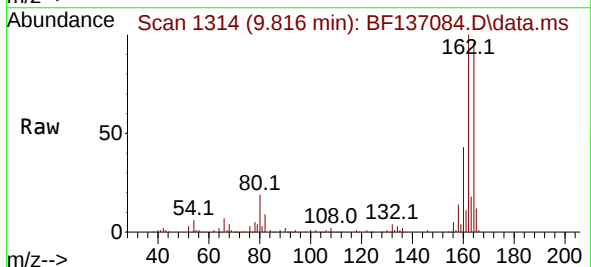
Tgt Ion:163 Resp: 15506

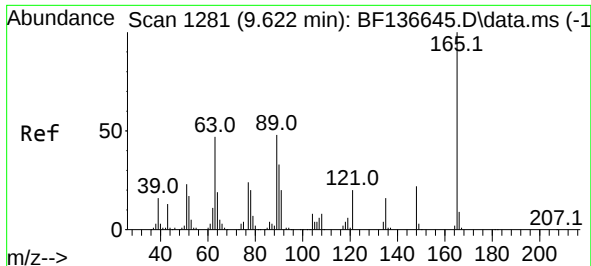
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 524.0 7.8 11.6#

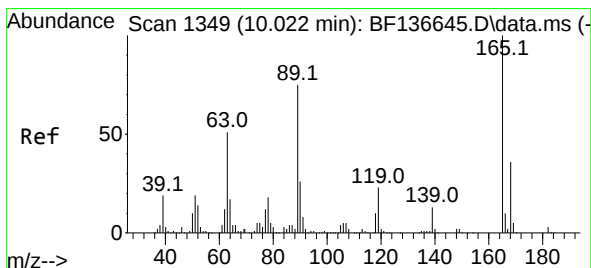
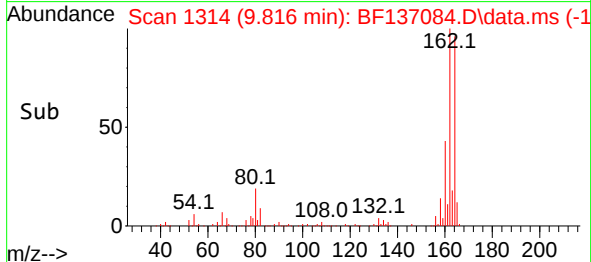
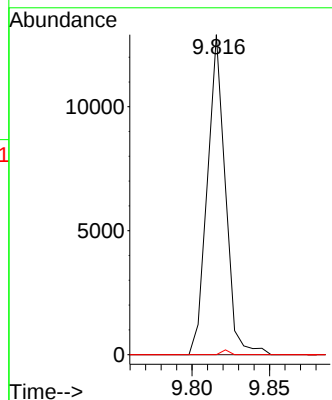
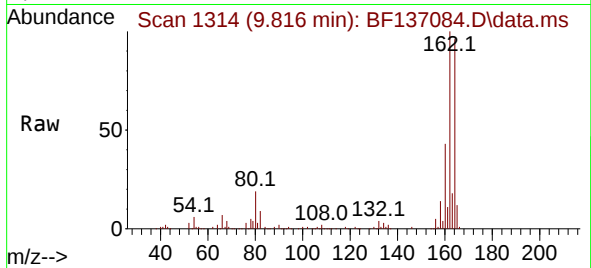




#51
2,6-Dinitrotoluene
Concen: 7.878 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

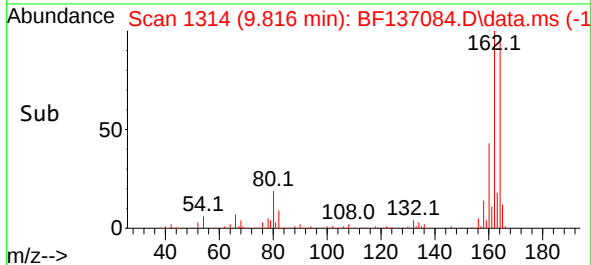
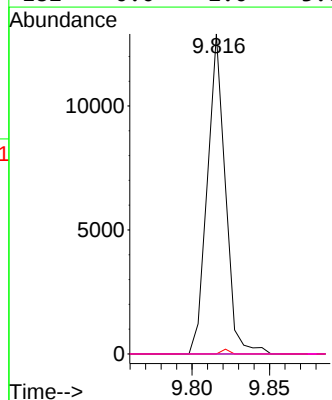
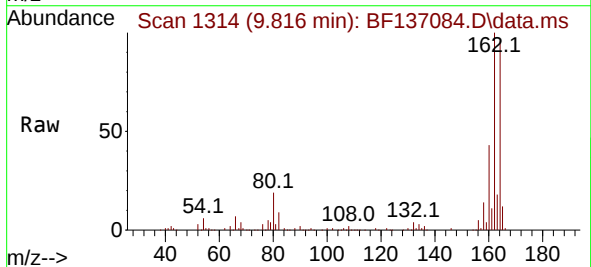
Instrument :
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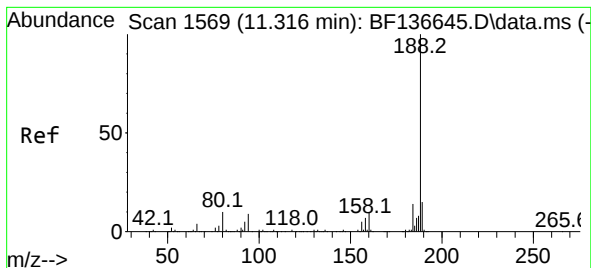
Tgt Ion:165 Resp: 10452
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.068 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137084.D
Acq: 16 Jan 2024 17:39

Tgt Ion:165 Resp: 10452
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 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: BF137084.D

Acq: 16 Jan 2024 17:39

Instrument :

BNA_F

ClientSampleId :

MH-D

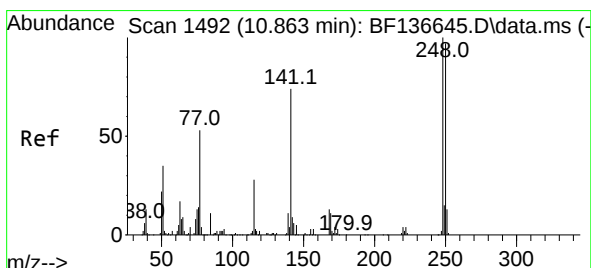
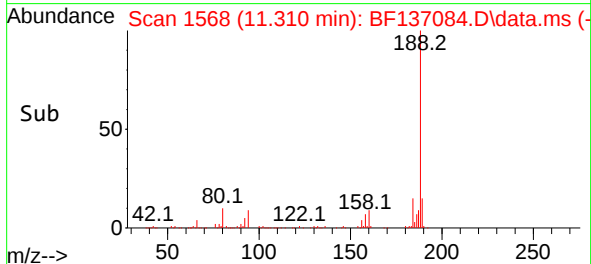
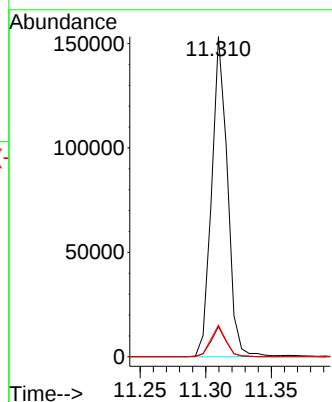
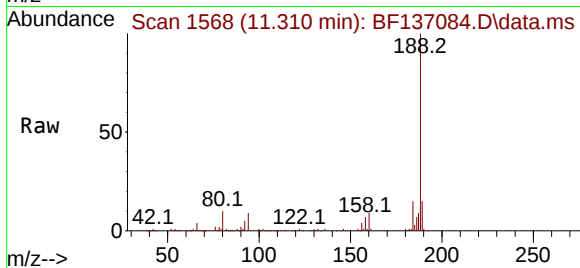
Tgt Ion:188 Resp: 128709

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.9 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.651 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

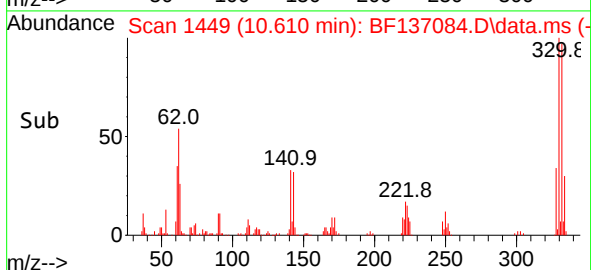
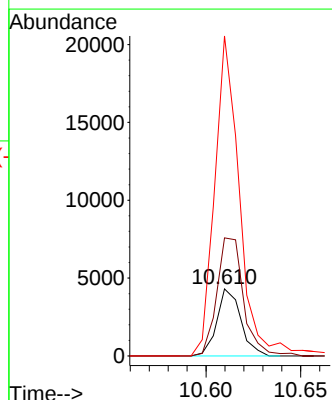
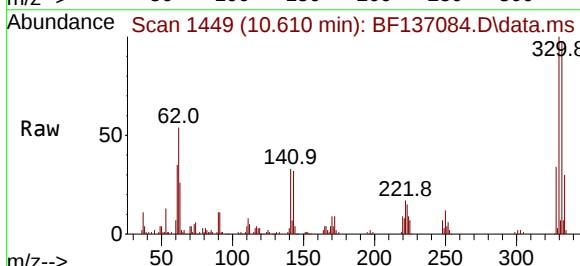
Tgt Ion:248 Resp: 3789

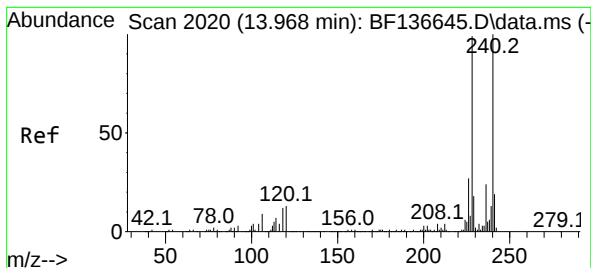
Ion Ratio Lower Upper

248 100

250 176.3 77.8 116.6#

141 477.6 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

Instrument :

BNA_F

ClientSampleId :

MH-D

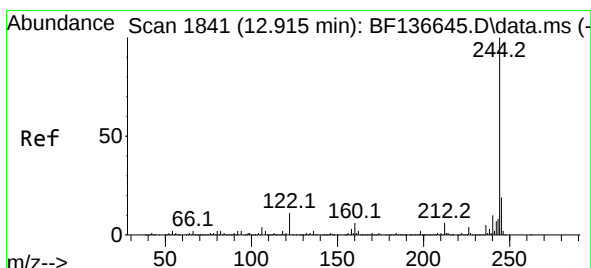
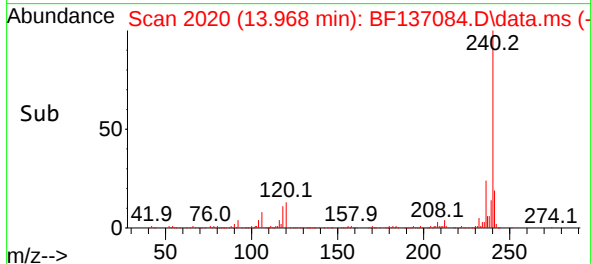
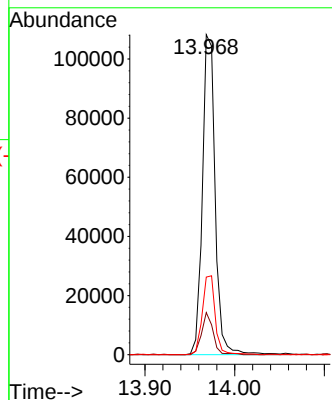
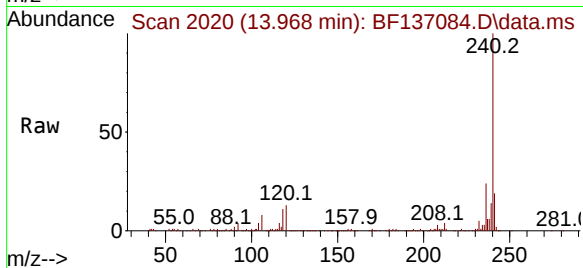
Tgt Ion:240 Resp: 107075

Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

236 24.2 19.4 29.2



#79

Terphenyl-d14

Concen: 36.559 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137084.D

Acq: 16 Jan 2024 17:39

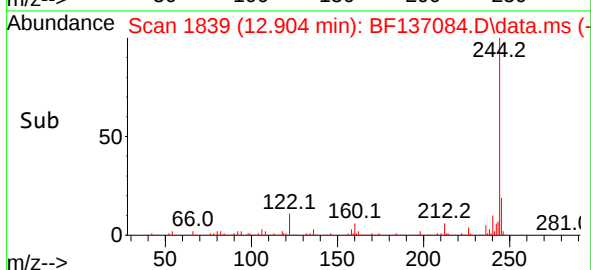
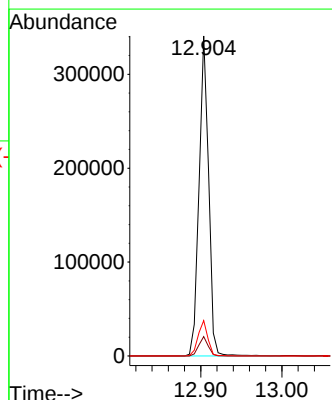
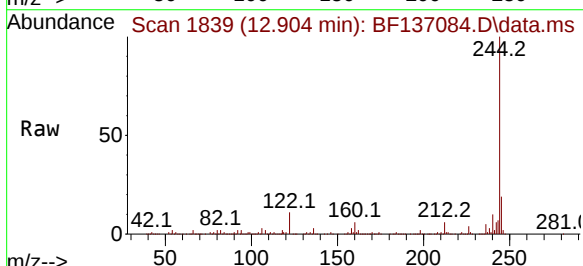
Tgt Ion:244 Resp: 280121

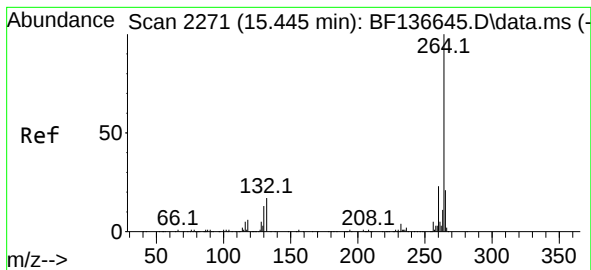
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 11.0 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: BF137084.D

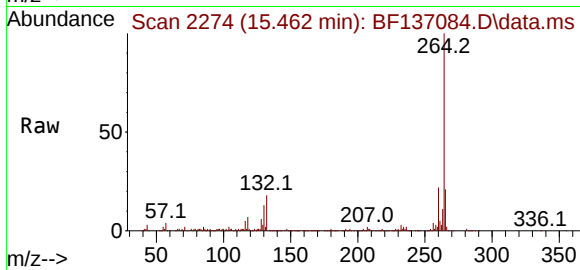
Acq: 16 Jan 2024 17:39

Instrument :

BNA_F

ClientSampleId :

MH-D



Tgt Ion:264 Resp: 133920

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.5 17.0 25.6

