

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139646.D
 Acq On : 04 Oct 2024 09:56
 Operator : RC/JU
 Sample : PB163851TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163851TB

Quant Time: Oct 04 20:37:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

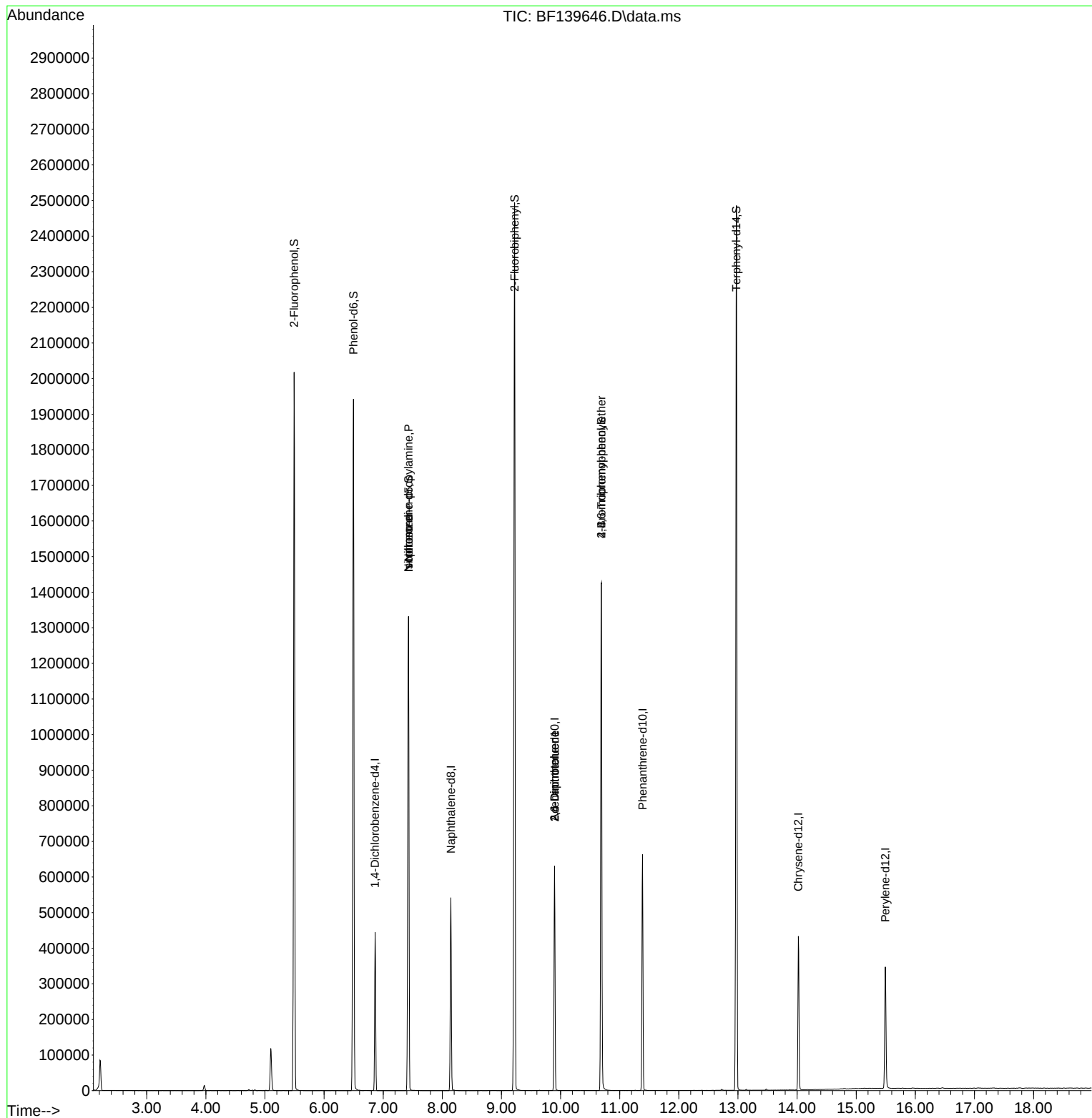
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87365	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	332749	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	181182	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	349179	20.000	ng	0.00
76) Chrysene-d12	14.021	240	203841	20.000	ng	-0.01
86) Perylene-d12	15.492	264	202861	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	709819	140.822	ng	0.00
7) Phenol-d6	6.498	99	928942	137.043	ng	0.00
23) Nitrobenzene-d5	7.428	82	605545	92.138	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	234072	133.831	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1119166	94.829	ng	0.00
79) Terphenyl-d14	12.974	244	1221569	98.331	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	81754	18.760	ng	# 76
25) Isophorone	7.428	82	601111	51.496	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	24249	9.051	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	24249	6.924	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	15765	4.403	ng	# 1

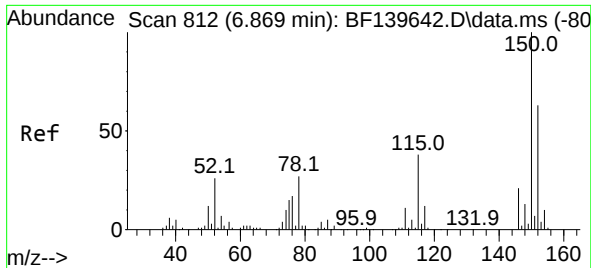
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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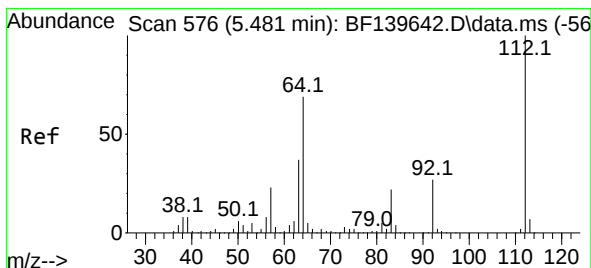
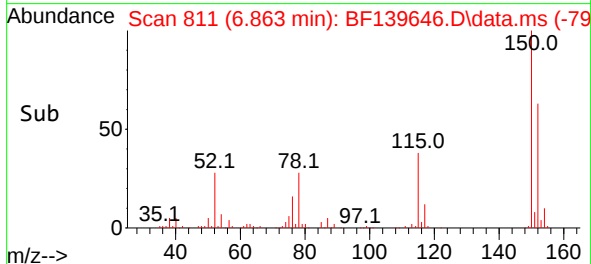
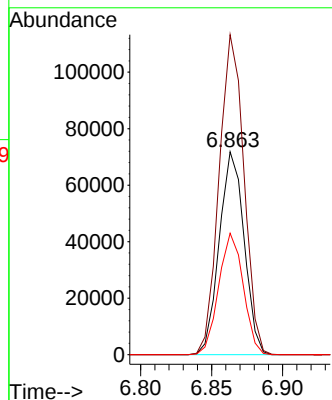
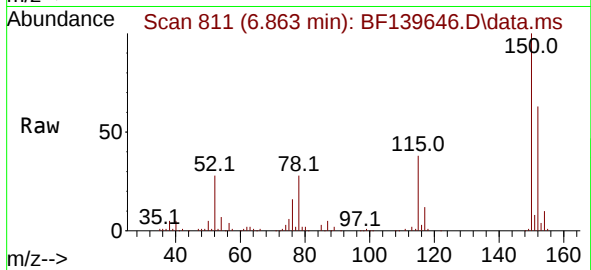




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

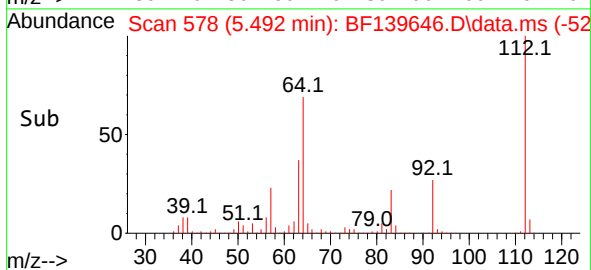
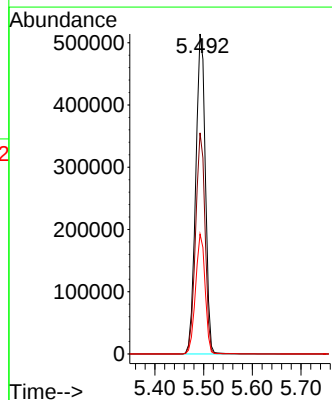
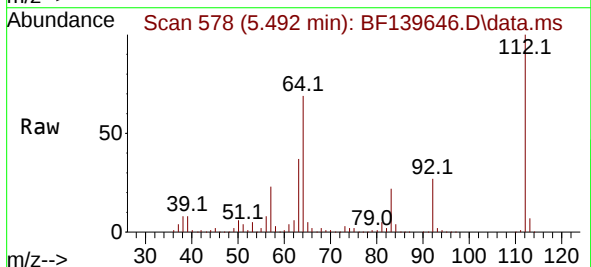
Instrument :
BNA_F
ClientSampleId :
PB163851TB

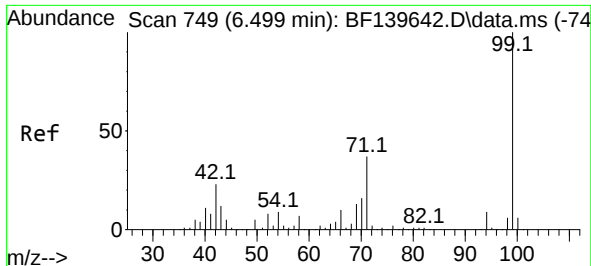
Tgt Ion:152 Resp: 87365
Ion Ratio Lower Upper
152 100
150 157.8 127.2 190.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 140.822 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.005 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

Tgt Ion:112 Resp: 709819
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.5 29.4 44.2

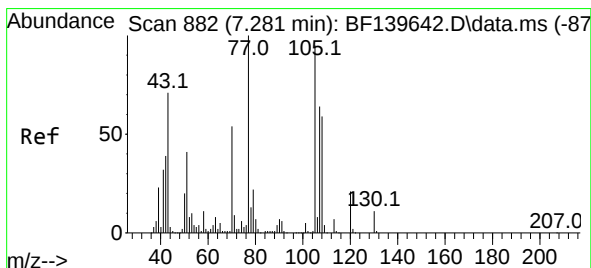
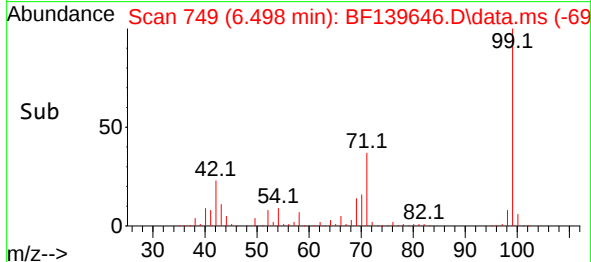
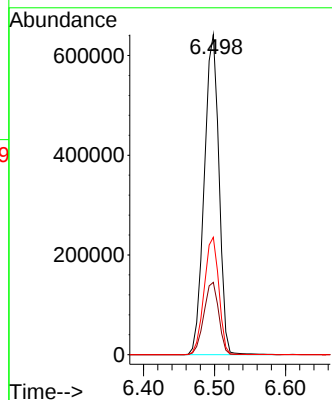
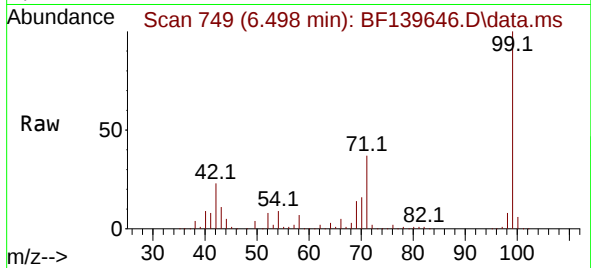




#7
Phenol-d6
Concen: 137.043 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

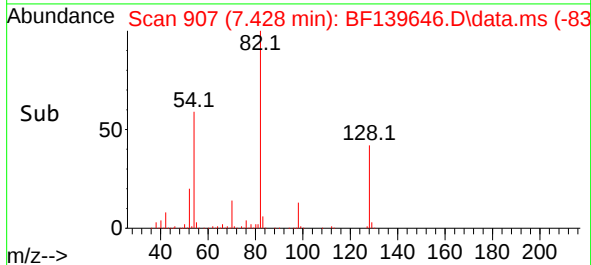
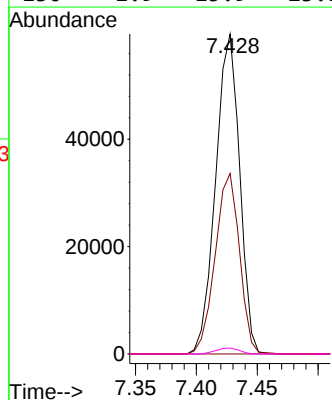
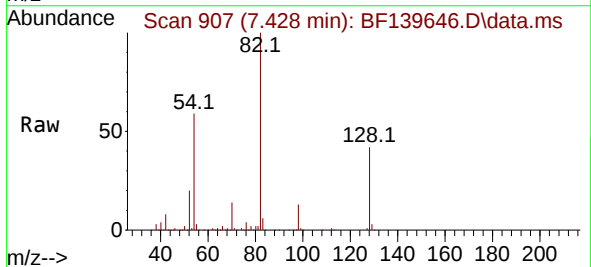
Instrument :
BNA_F
ClientSampleId :
PB163851TB

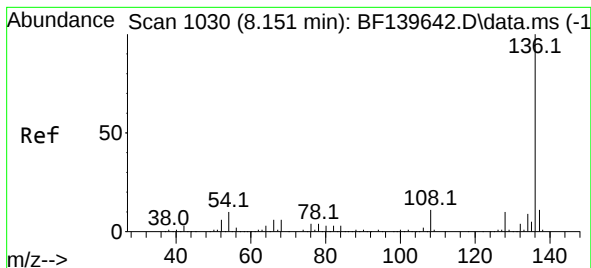
Tgt Ion: 99 Resp: 928942
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 36.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.760 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

Tgt Ion: 70 Resp: 81754
Ion Ratio Lower Upper
70 100
42 56.4 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB163851TB

Tgt Ion:136 Resp: 332749

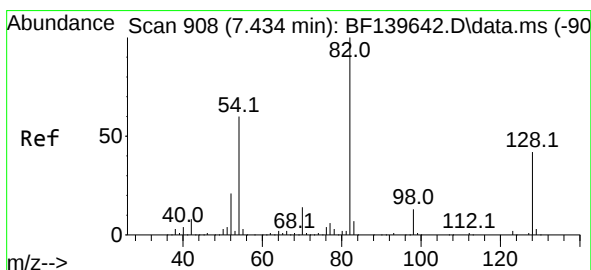
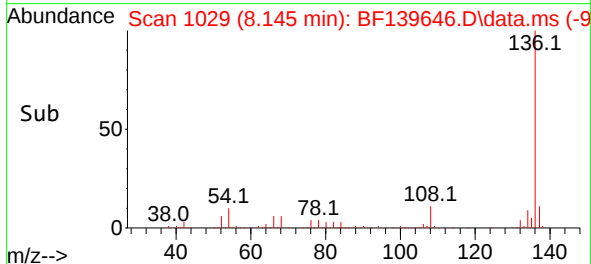
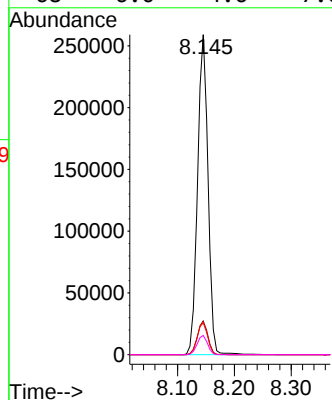
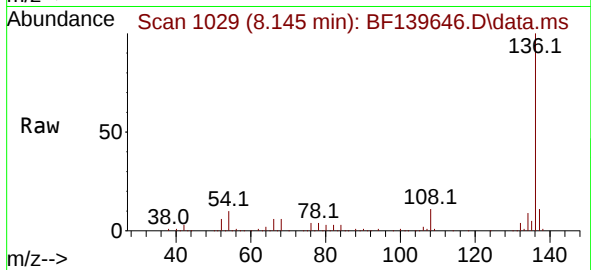
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.0 8.3 12.5

68 6.0 4.6 7.0



#23

Nitrobenzene-d5

Concen: 92.138 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

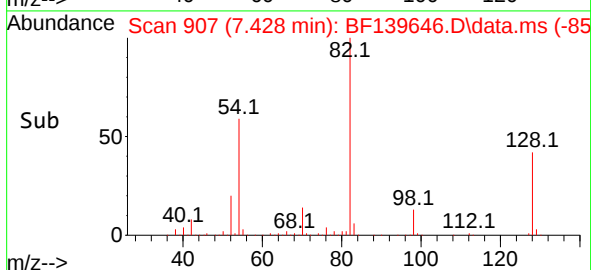
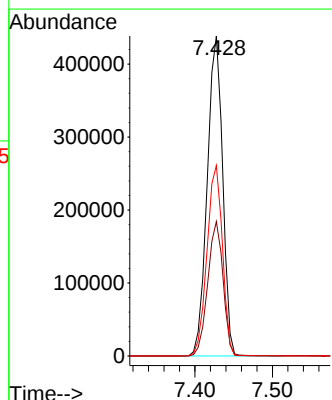
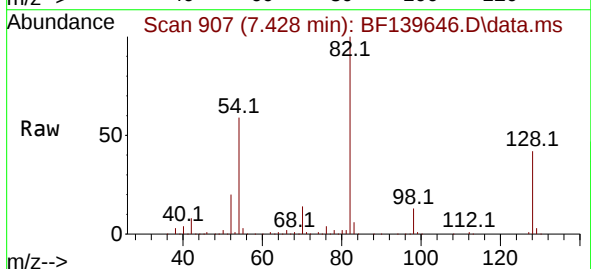
Tgt Ion: 82 Resp: 605545

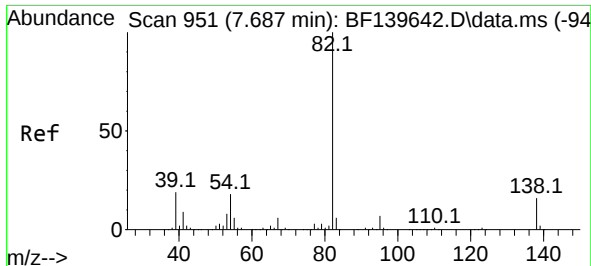
Ion Ratio Lower Upper

82 100

128 42.0 32.4 48.6

54 59.5 49.1 73.7

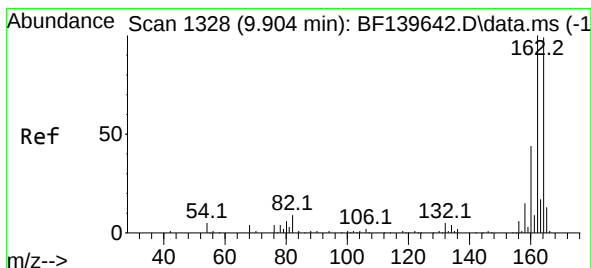
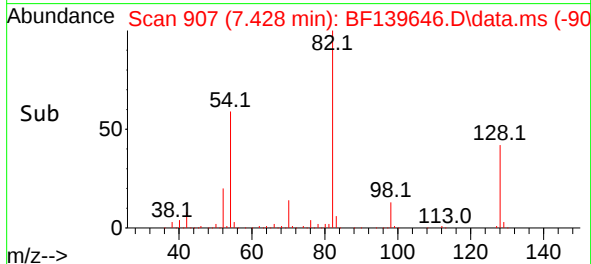
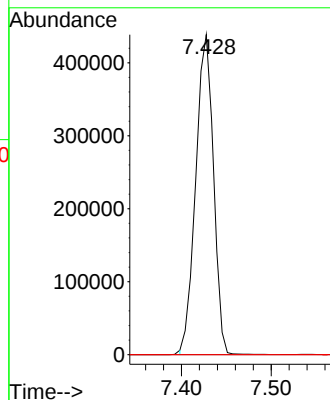
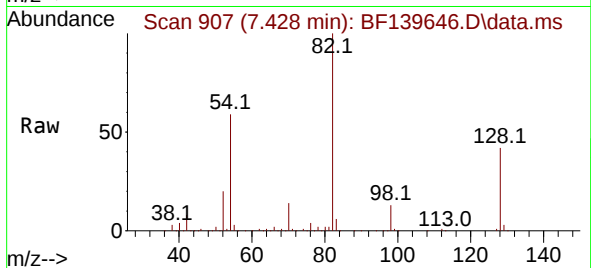




#25
Isophorone
Concen: 51.496 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

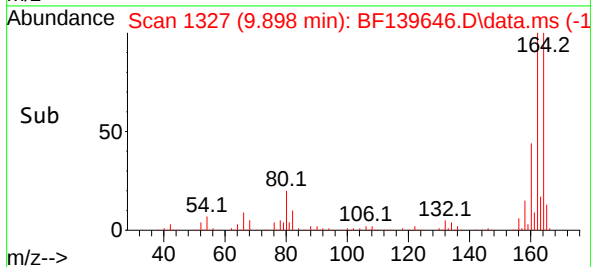
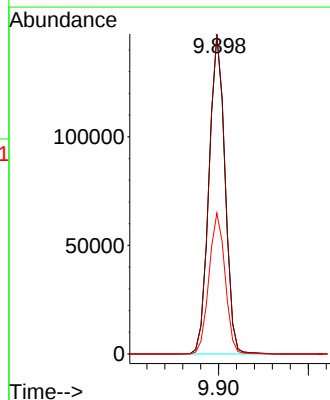
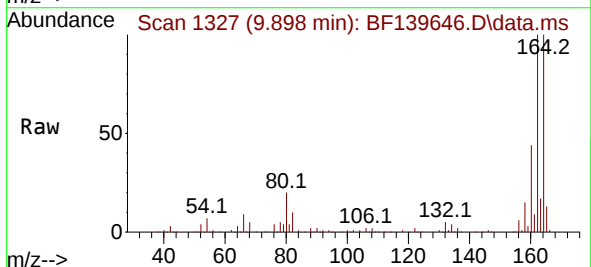
Instrument :
BNA_F
ClientSampleId :
PB163851TB

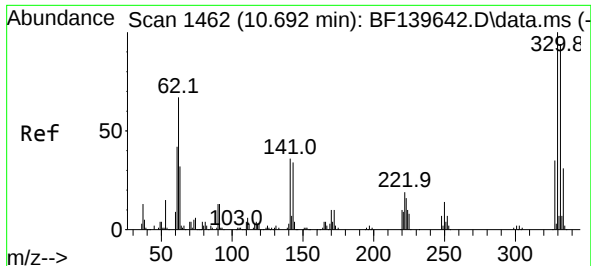
Tgt Ion: 82 Resp: 601111
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

Tgt Ion:164 Resp: 181182
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 133.831 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139646.D

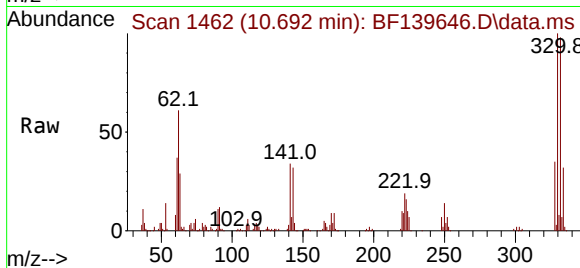
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Instrument :

BNA_F

ClientSampleId :

PB163851TB



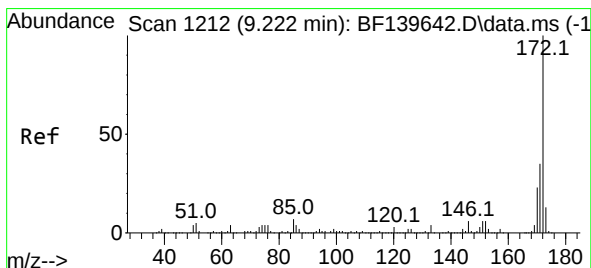
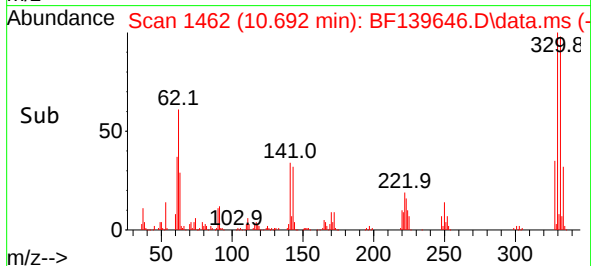
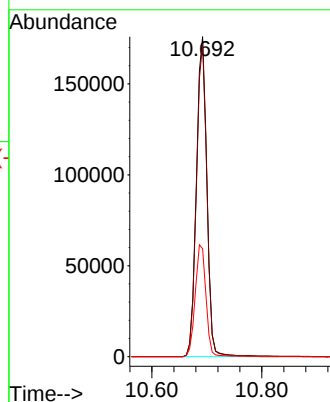
Tgt Ion:330 Resp: 234072

Ion Ratio Lower Upper

330 100

332 97.6 76.5 114.7

141 35.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 94.829 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

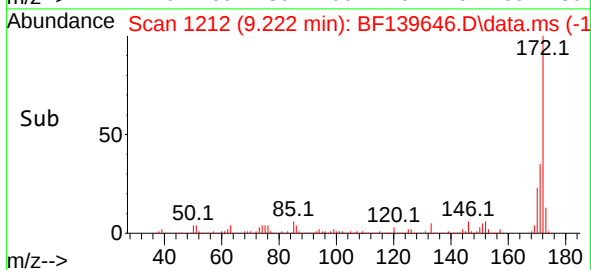
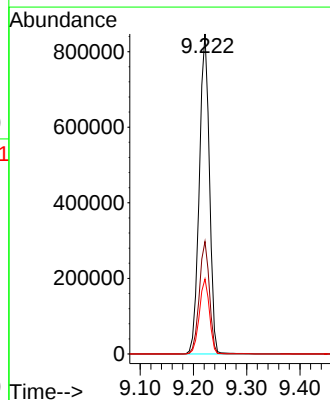
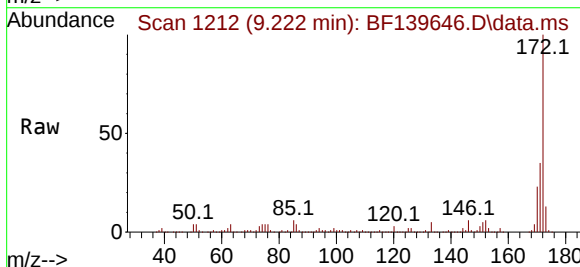
Tgt Ion:172 Resp: 1119166

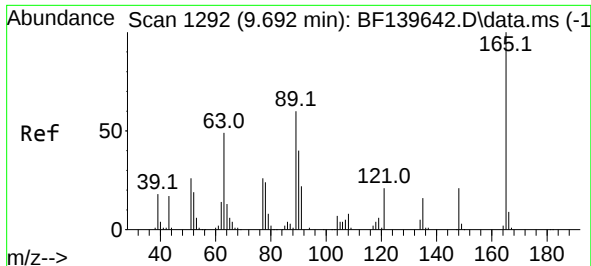
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 18.8 28.2

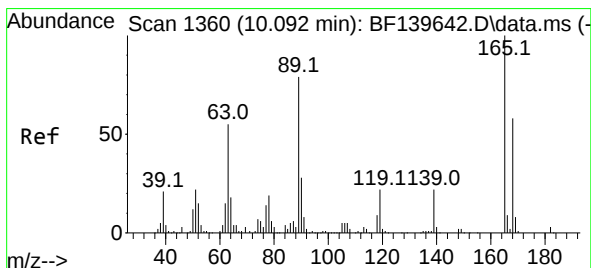
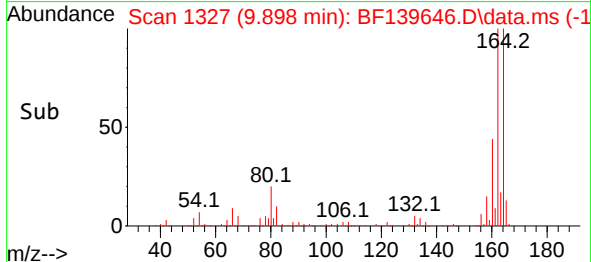
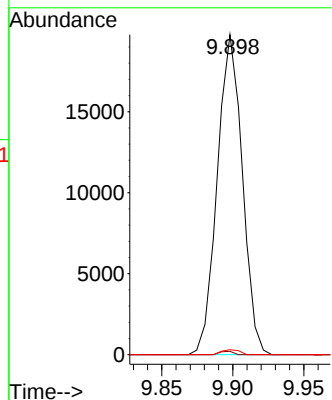
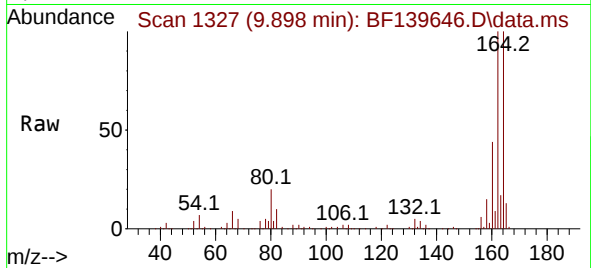




#51
2,6-Dinitrotoluene
Concen: 9.051 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

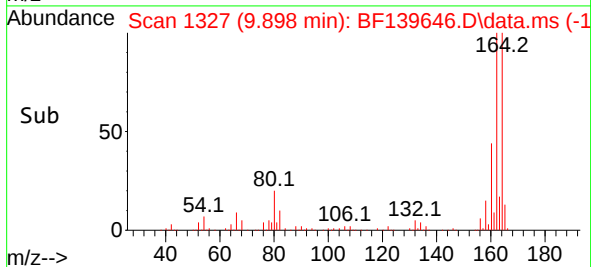
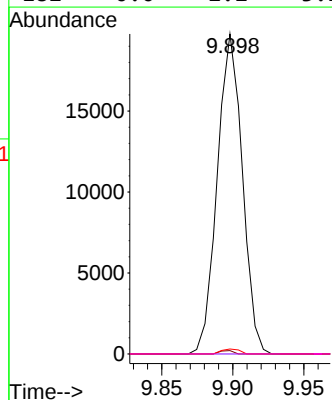
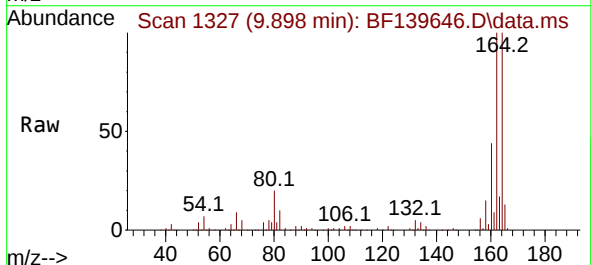
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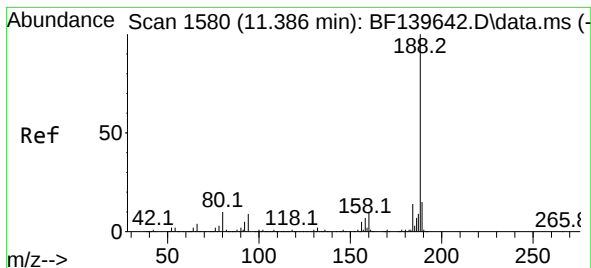
Tgt Ion:165 Resp: 24249
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 1.5 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.924 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139646.D
Acq: 04 Oct 2024 09:56

Tgt Ion:165 Resp: 24249
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 1.5 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB163851TB

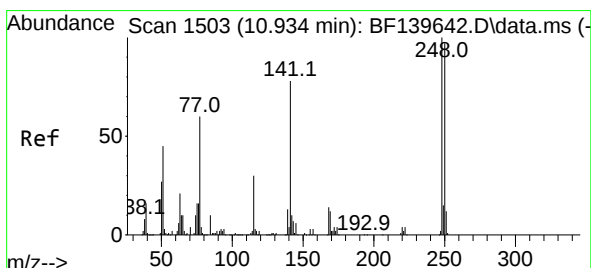
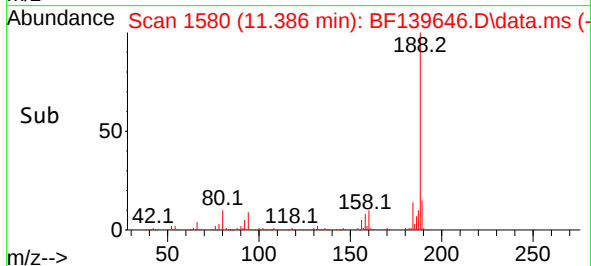
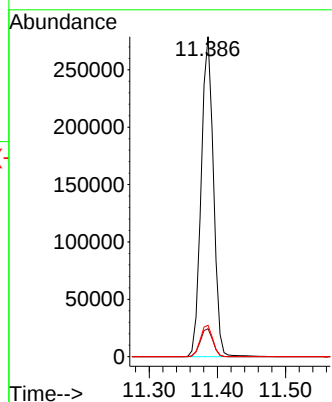
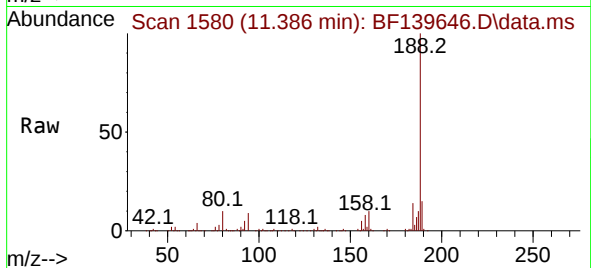
Tgt Ion:188 Resp: 349179

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.8 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.403 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

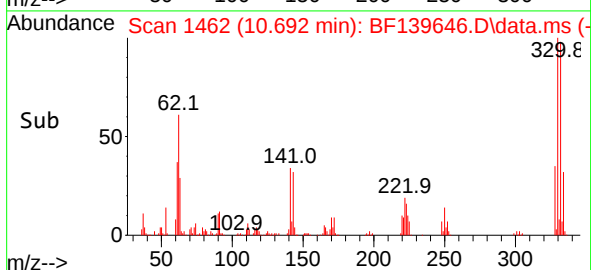
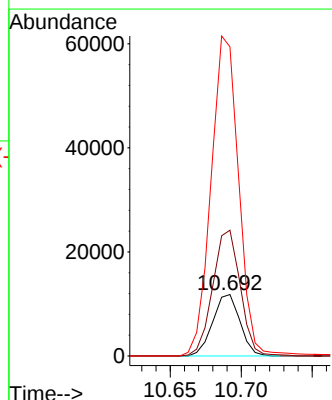
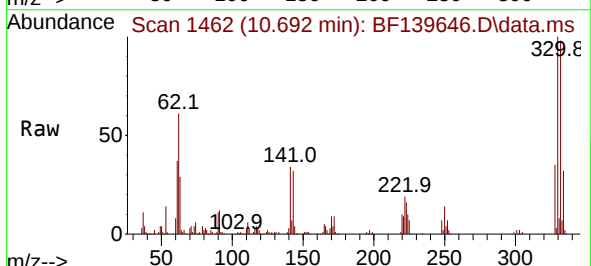
Tgt Ion:248 Resp: 15765

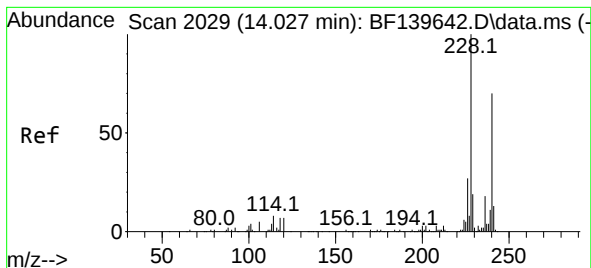
Ion Ratio Lower Upper

248 100

250 204.7 77.1 115.7#

141 503.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

Instrument :

BNA_F

ClientSampleId :

PB163851TB

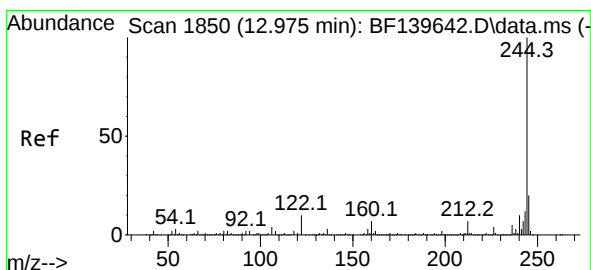
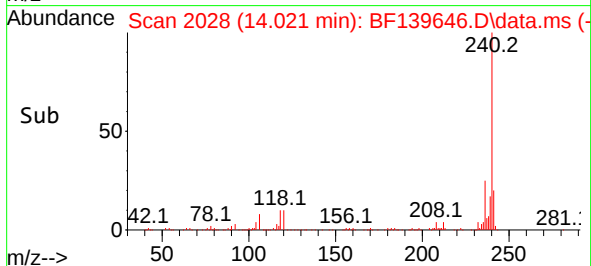
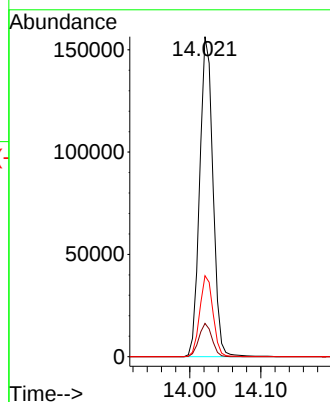
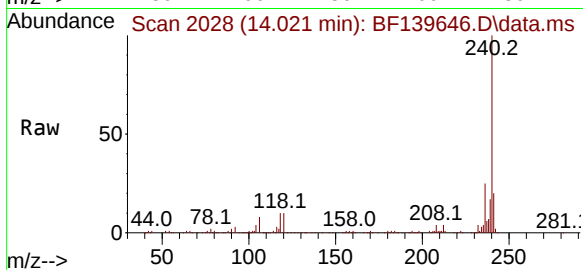
Tgt Ion:240 Resp: 203841

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.3 20.3 30.5



#79

Terphenyl-d14

Concen: 98.331 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139646.D

Acq: 04 Oct 2024 09:56

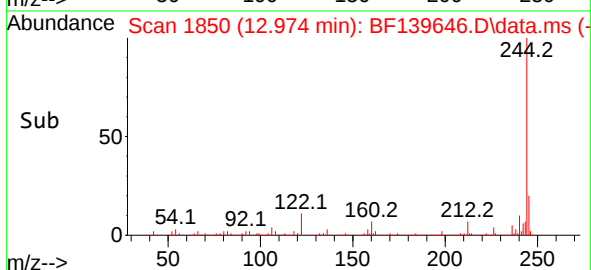
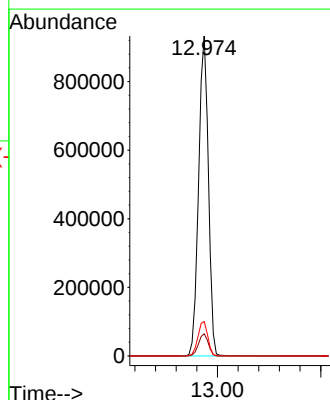
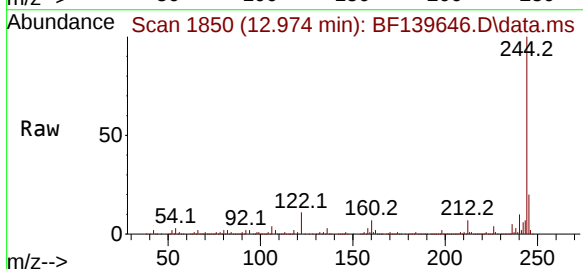
Tgt Ion:244 Resp: 1221569

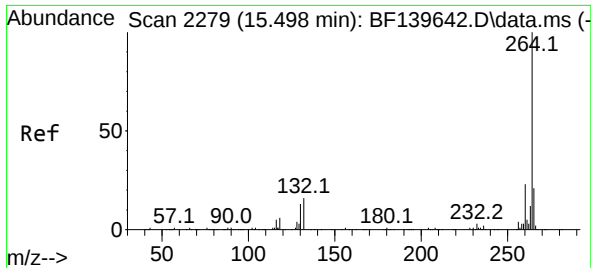
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.8 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139646.D
 Acq: 04 Oct 2024 09:56

Instrument :
 BNA_F
 ClientSampleId :
 PB163851TB

Tgt Ion:264 Resp: 202861
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.3 16.9 25.3

