

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139853.D
 Acq On : 18 Oct 2024 14:48
 Operator : RC/JU
 Sample : PB164211BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BL

Quant Time: Oct 18 15:12:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

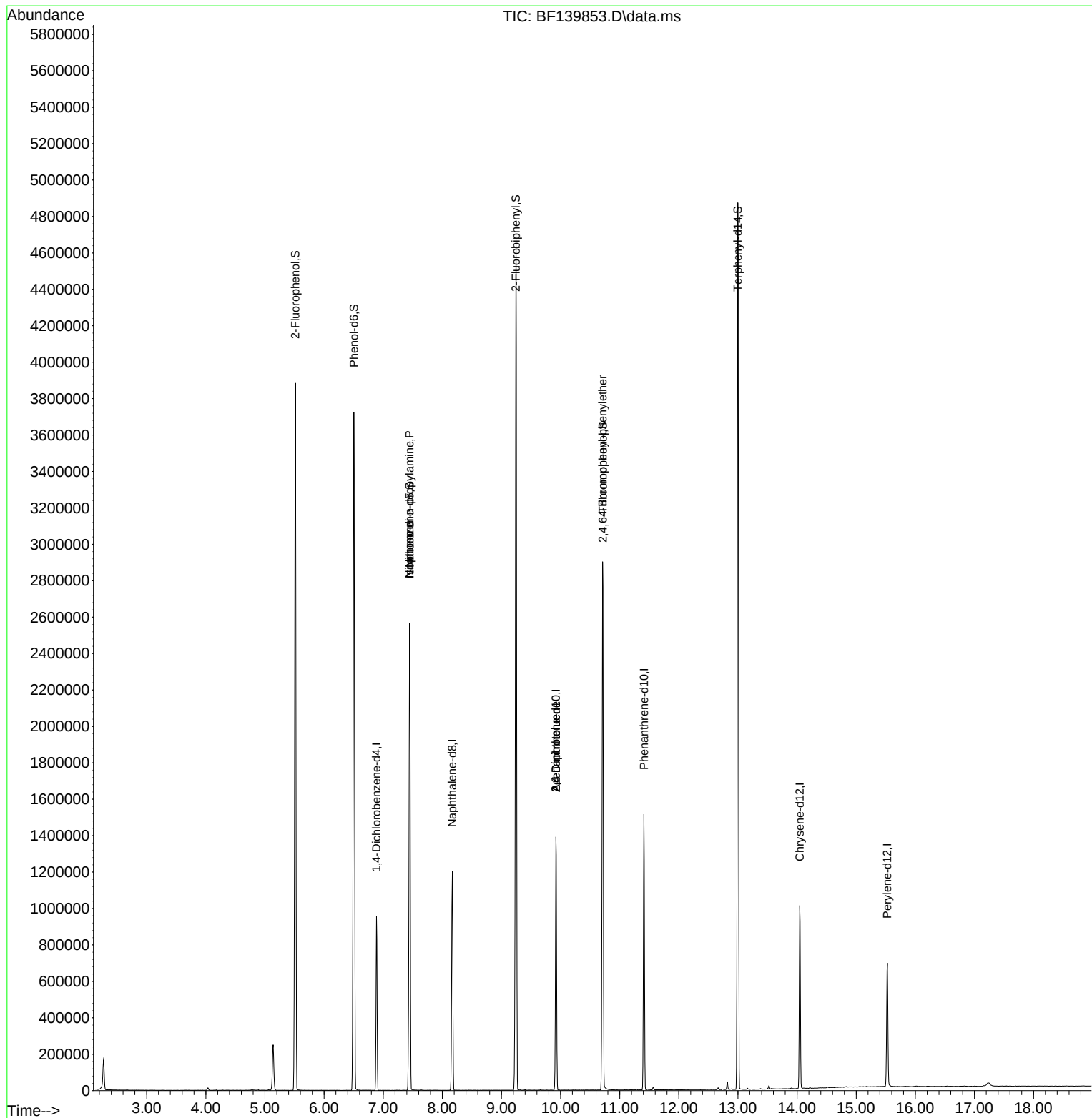
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	190111	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	746444	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	423351	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	773013	20.000	ng	0.00
76) Chrysene-d12	14.045	240	464788	20.000	ng	0.00
86) Perylene-d12	15.527	264	394361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1541011	126.896	ng	0.02
7) Phenol-d6	6.504	99	1922660	122.242	ng	0.00
23) Nitrobenzene-d5	7.445	82	1246695	92.567	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	516329	130.390	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2197190	85.775	ng	0.00
79) Terphenyl-d14	12.998	244	2524034	88.489	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	172308	18.063	ng	# 79
25) Isophorone	7.445	82	1242732	48.616	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	55384	9.700	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	55384	7.888	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	32080	4.028	ng	# 1

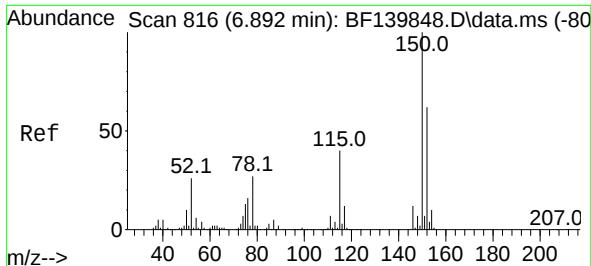
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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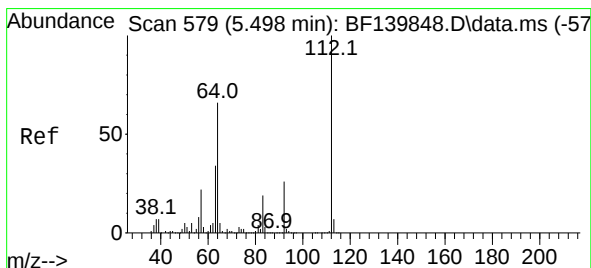
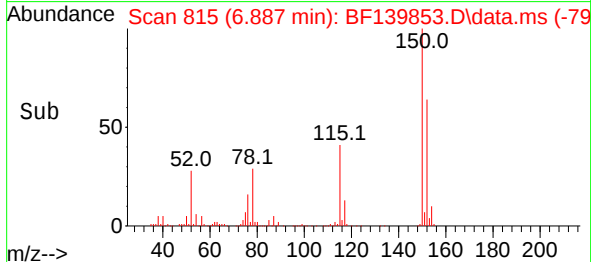
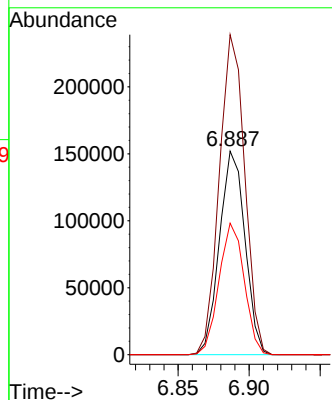
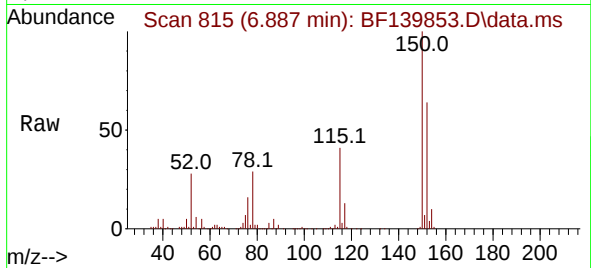




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

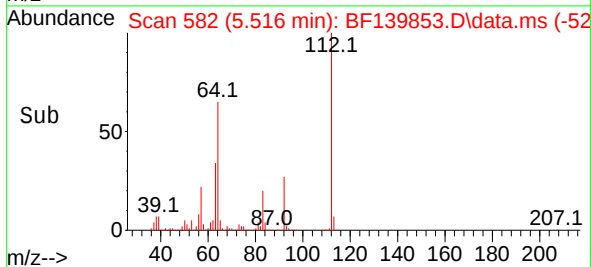
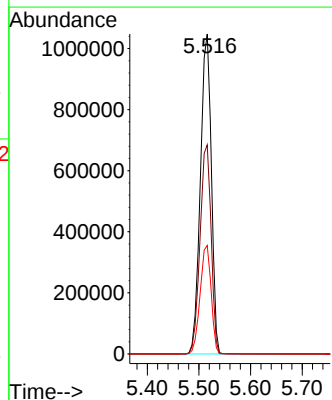
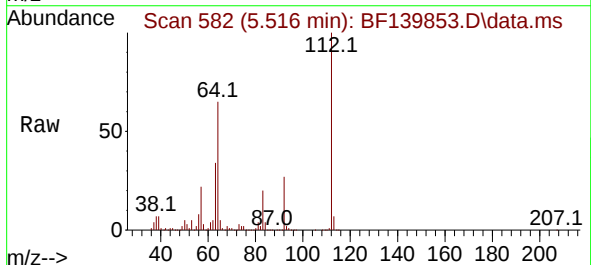
Instrument :
BNA_F
ClientSampleId :
PB164211BL

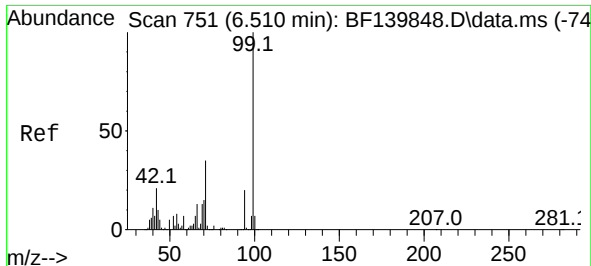
Tgt Ion:152 Resp: 190111
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 126.896 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion:112 Resp: 1541011
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 33.9 27.0 40.4

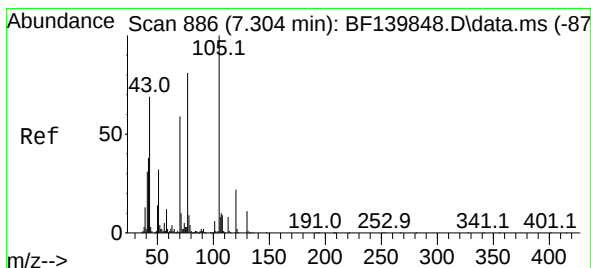
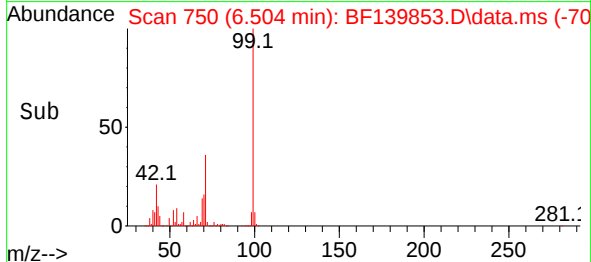
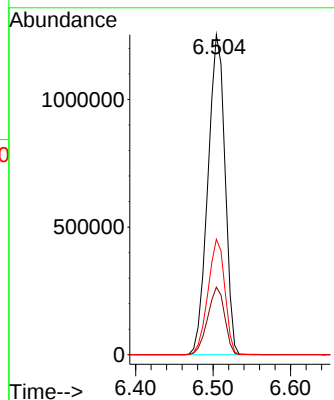
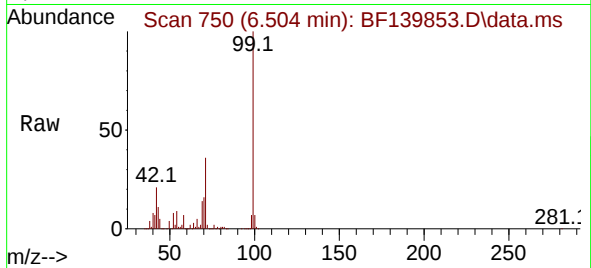




#7
Phenol-d6
Concen: 122.242 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

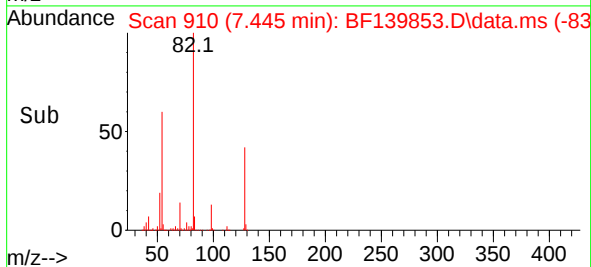
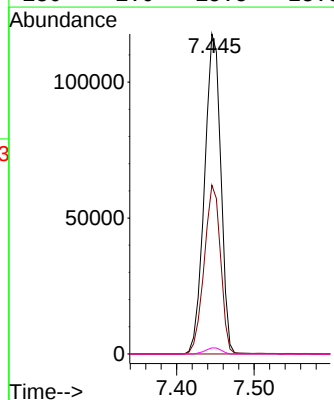
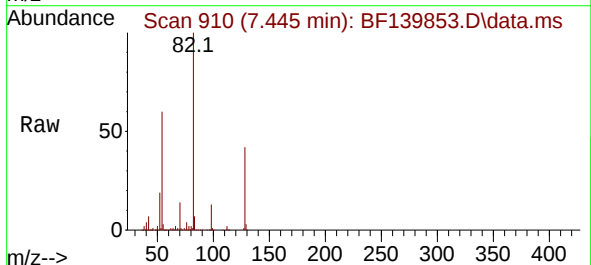
Instrument :
BNA_F
ClientSampleId :
PB164211BL

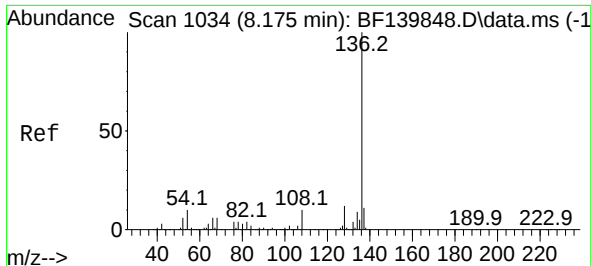
Tgt Ion: 99 Resp: 1922660
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 36.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.063 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion: 70 Resp: 172308
Ion Ratio Lower Upper
70 100
42 52.8 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

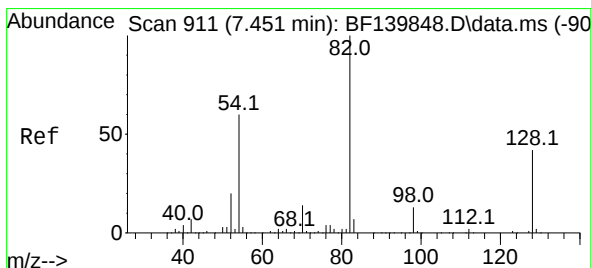
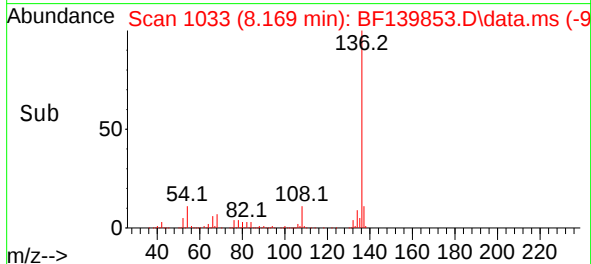
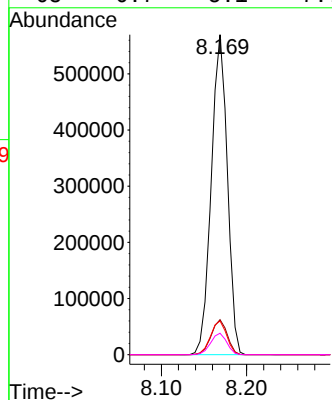
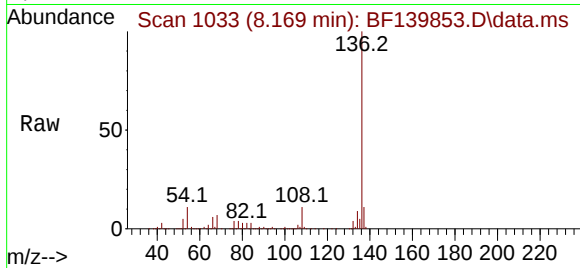




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

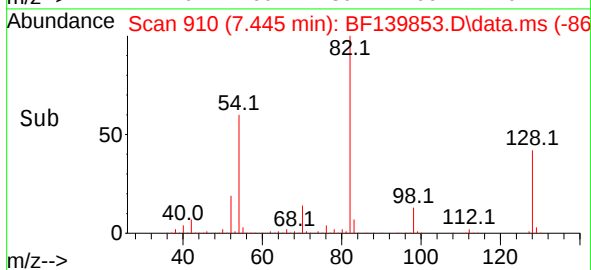
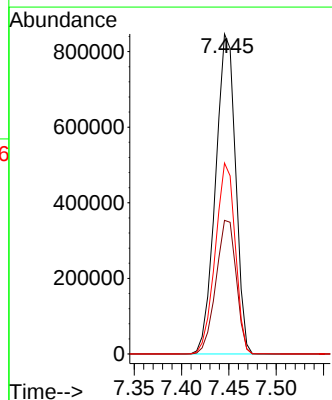
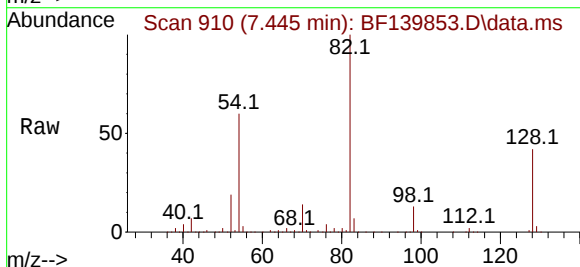
Instrument :
BNA_F
ClientSampleId :
PB164211BL

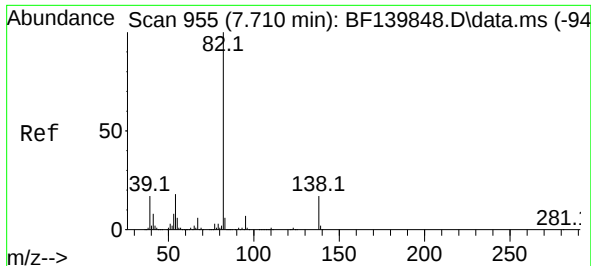
Tgt Ion:136 Resp: 746444
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.7 5.1 7.7



#23
Nitrobenzene-d5
Concen: 92.567 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

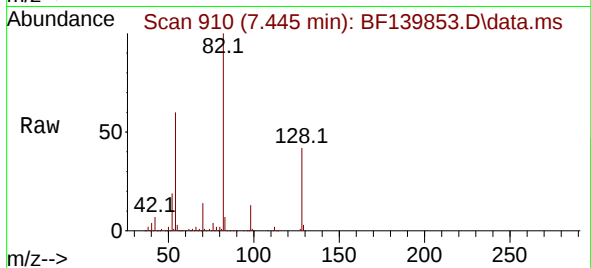
Tgt Ion: 82 Resp: 1246695
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 59.7 47.8 71.8



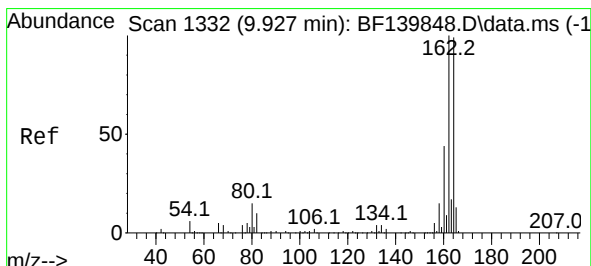
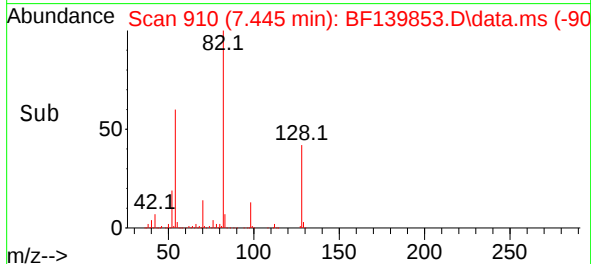
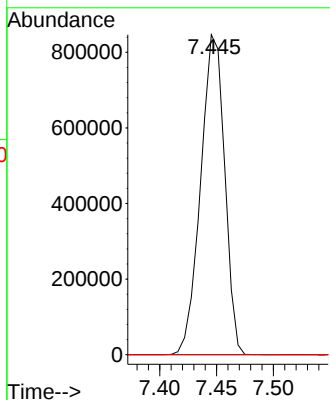


#25
Isophorone
Concen: 48.616 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Instrument :
BNA_F
ClientSampleId :
PB164211BL

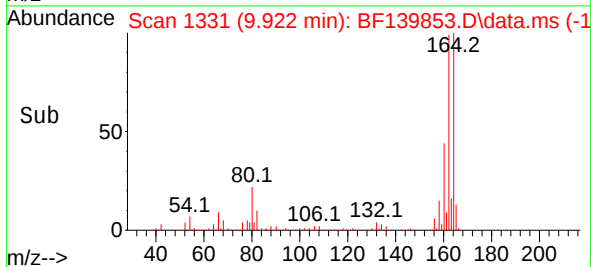
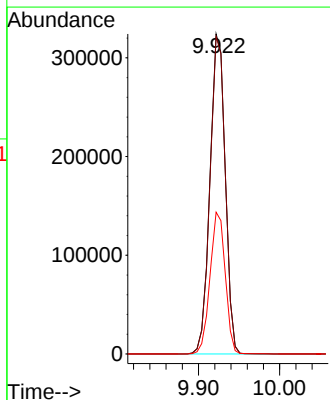
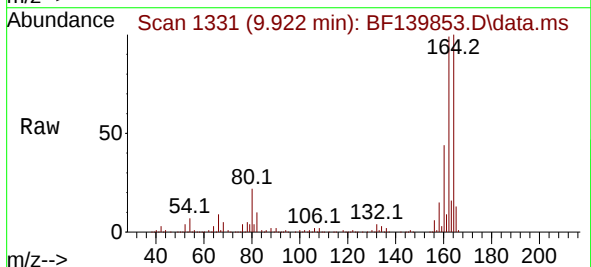


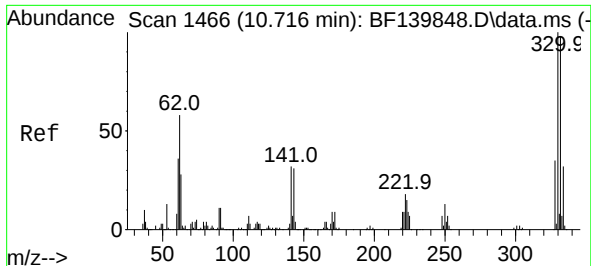
Tgt Ion: 82 Resp: 1242732
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion: 164 Resp: 423351
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.390 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

PB164211BL

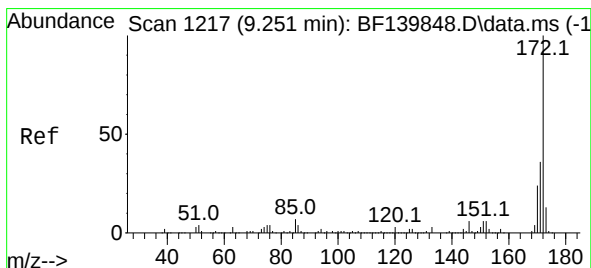
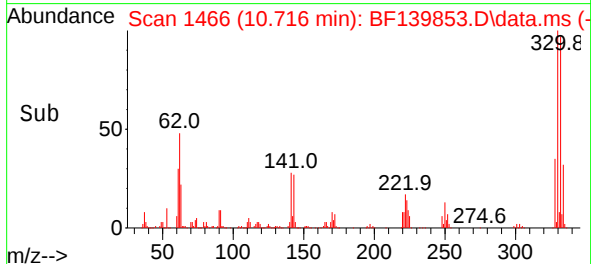
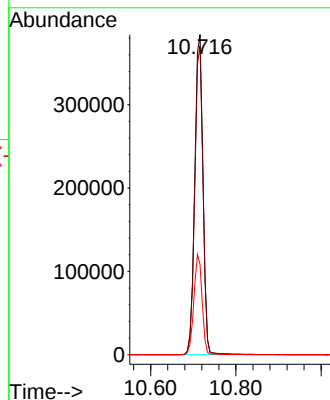
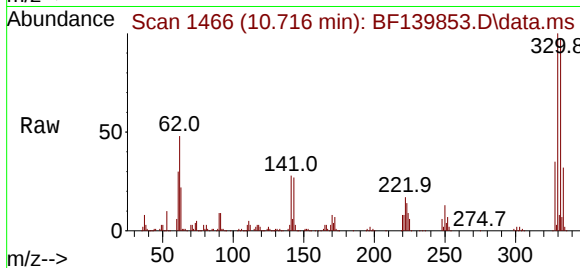
Tgt Ion:330 Resp: 516329

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 31.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.775 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

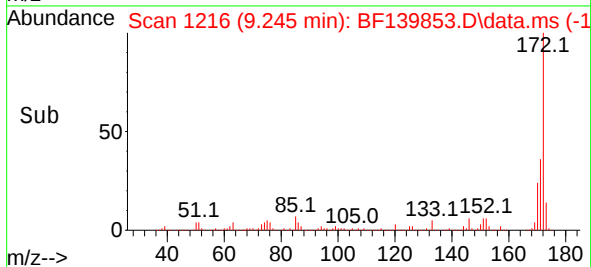
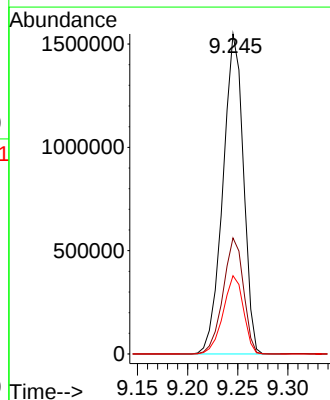
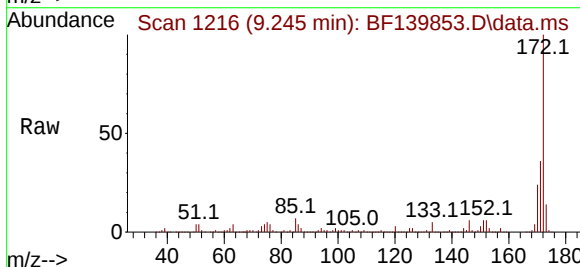
Tgt Ion:172 Resp: 2197190

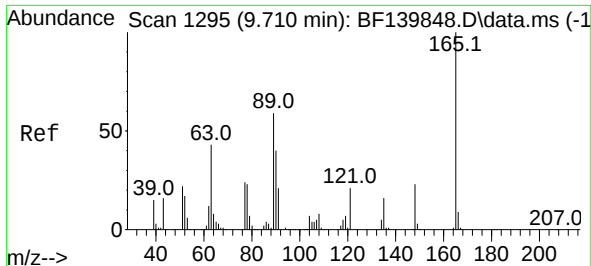
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.5 19.1 28.7

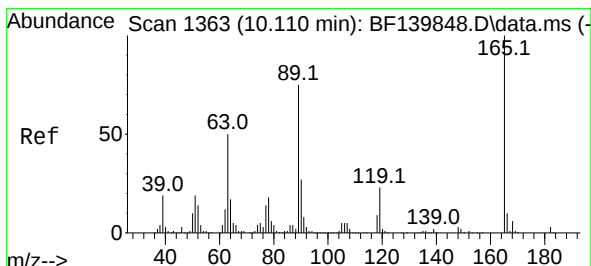
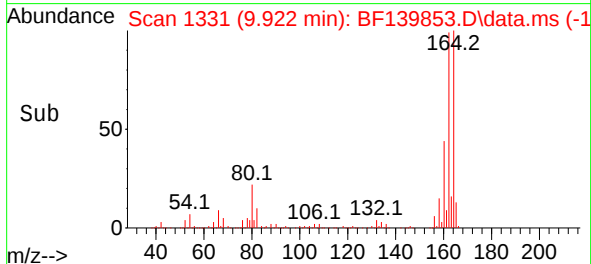
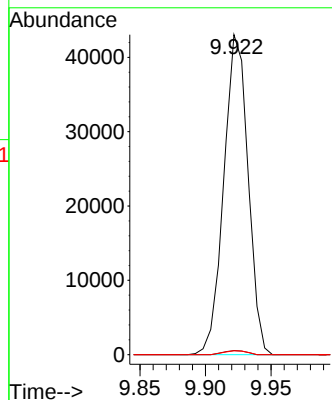
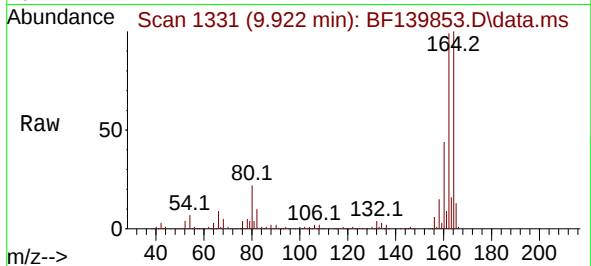




#51
2,6-Dinitrotoluene
Concen: 9.700 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

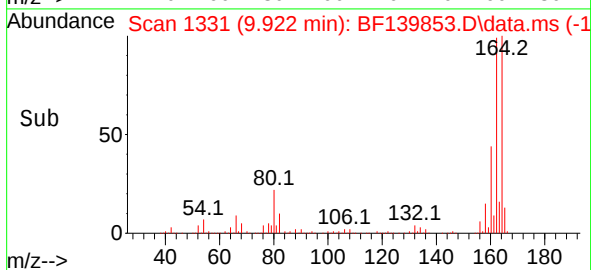
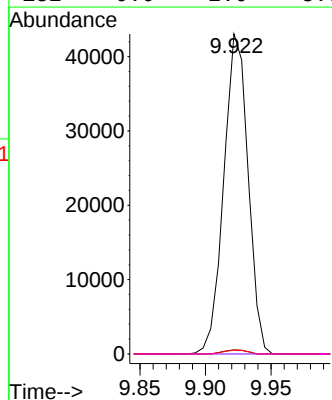
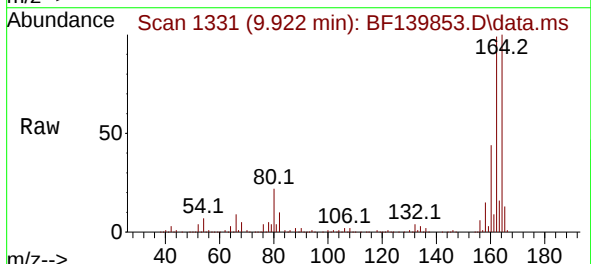
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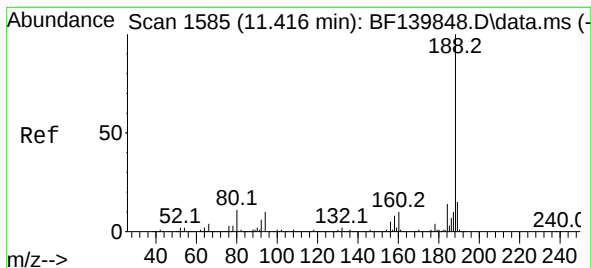
Tgt Ion:165 Resp: 55384
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.888 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion:165 Resp: 55384
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

PB164211BL

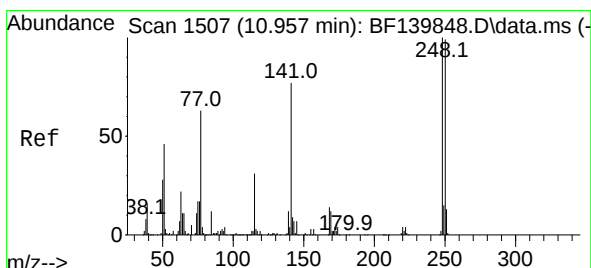
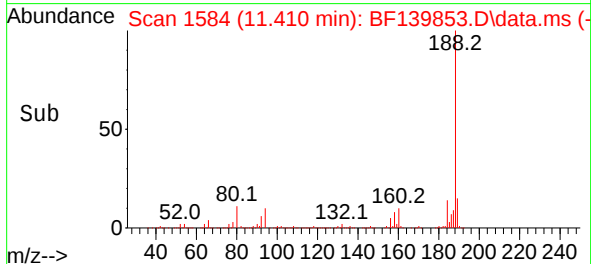
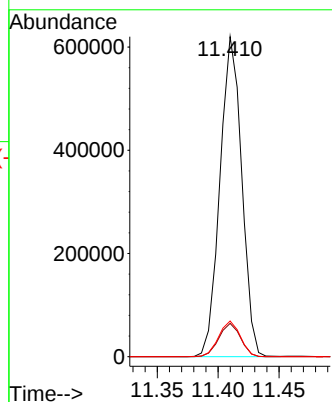
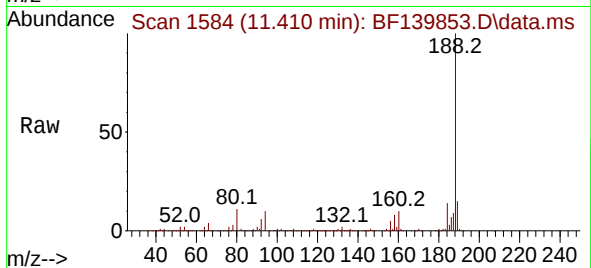
Tgt Ion:188 Resp: 773013

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.028 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

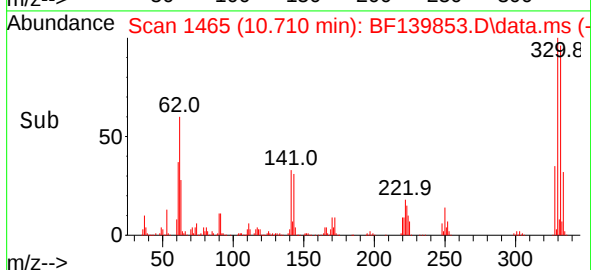
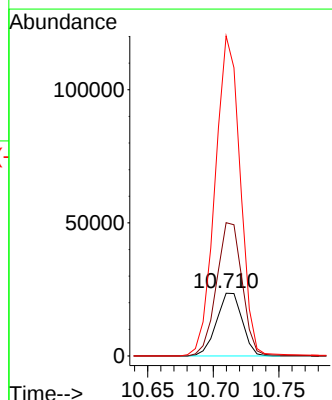
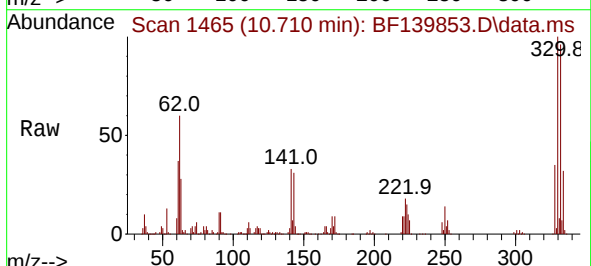
Tgt Ion:248 Resp: 32080

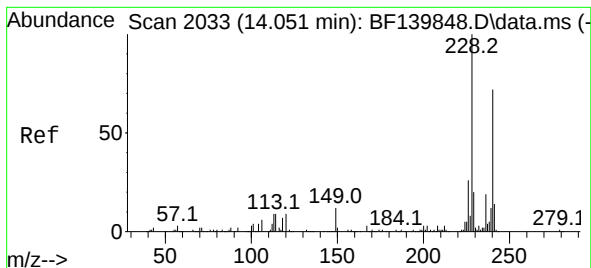
Ion Ratio Lower Upper

248 100

250 212.4 79.0 118.6#

141 509.9 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

PB164211BL

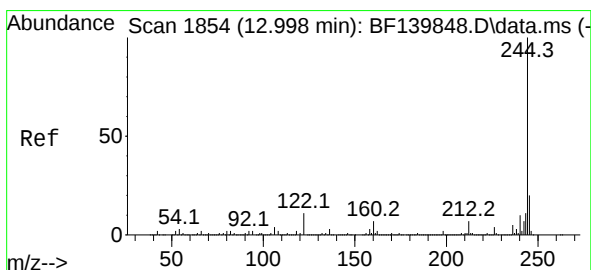
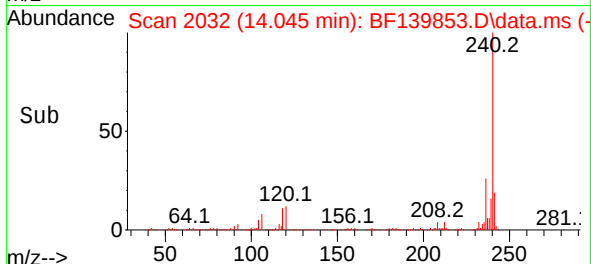
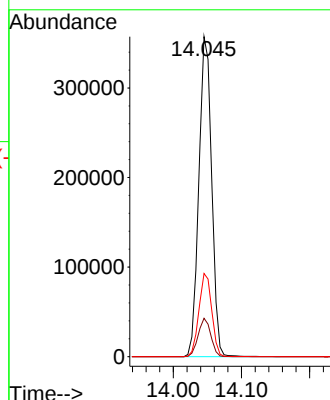
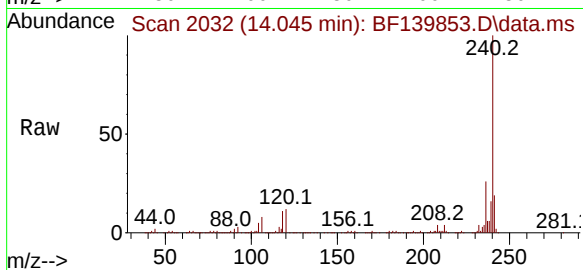
Tgt Ion:240 Resp: 464788

Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 88.489 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

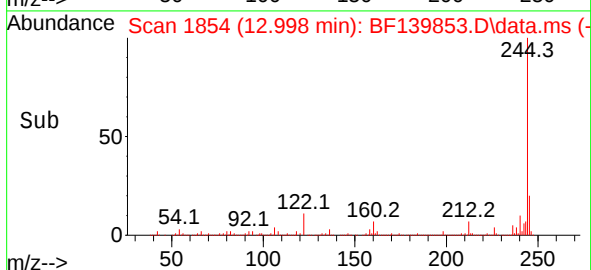
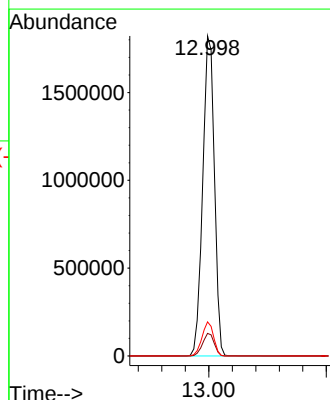
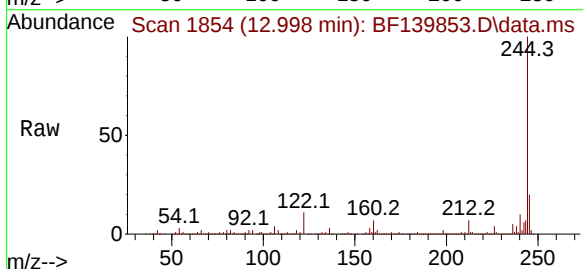
Tgt Ion:244 Resp: 2524034

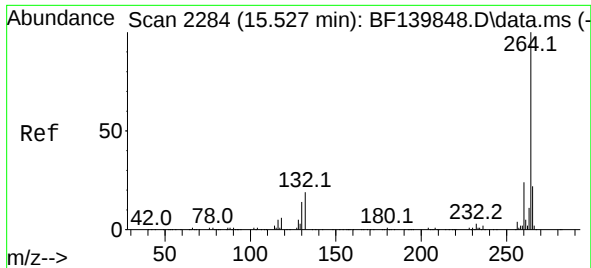
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.6 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139853.D
 Acq: 18 Oct 2024 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BL

Tgt Ion:264 Resp: 394361
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.3 17.4 26.0

