

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139429.D
 Acq On : 18 Sep 2024 16:49
 Operator : RC/JU
 Sample : PB163486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BL

Quant Time: Sep 18 17:32:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

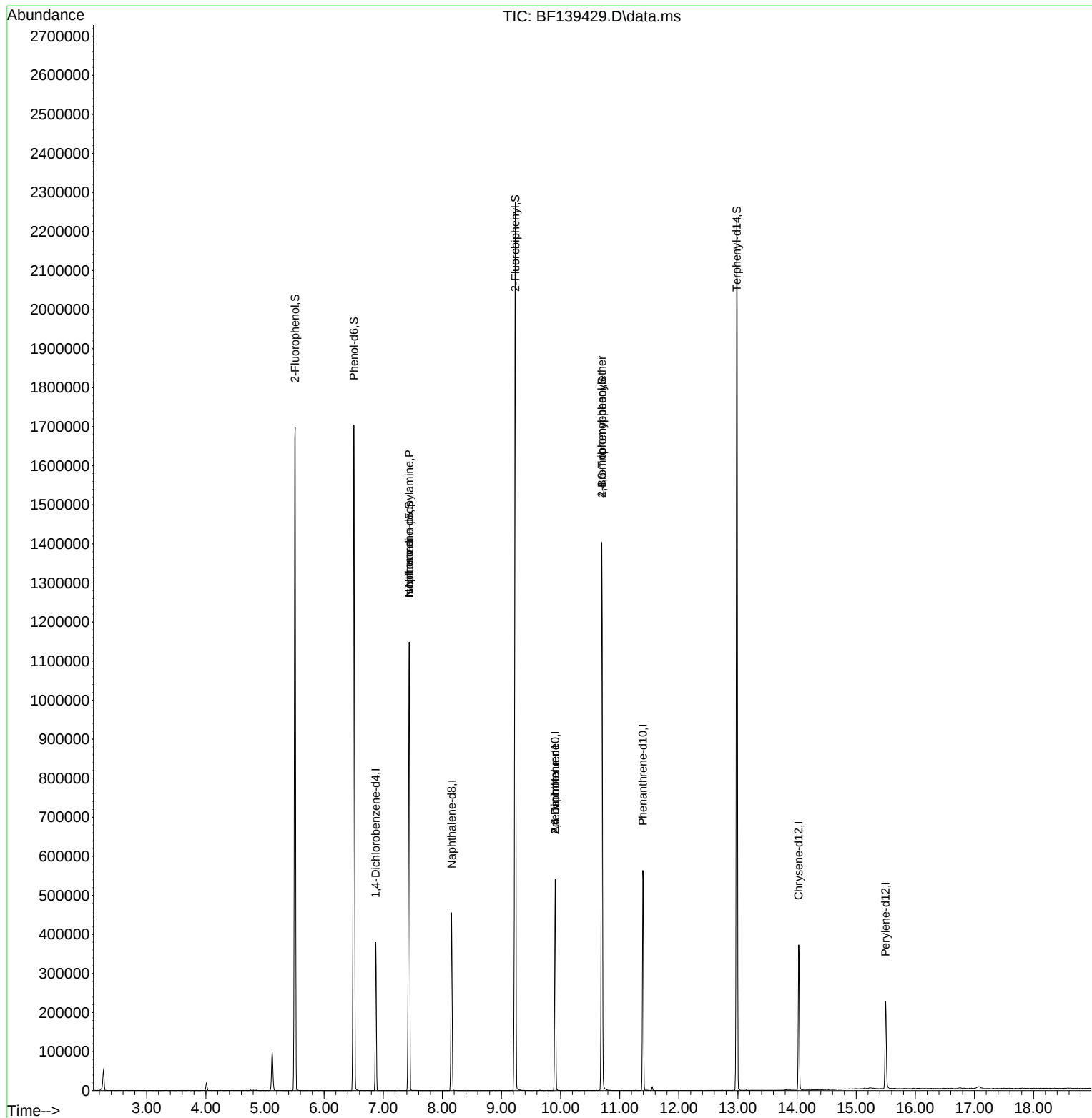
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	273770	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	157058	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	304278	20.000	ng	0.00
76) Chrysene-d12	14.027	240	175418	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	138455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	592577	131.909	ng	0.02
7) Phenol-d6	6.504	99	777972	131.939	ng	0.00
23) Nitrobenzene-d5	7.439	82	534744	91.826	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214510	128.290	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1025755	91.599	ng	0.00
79) Terphenyl-d14	12.980	244	1099203	102.853	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	75723	21.671	ng	# 74
25) Isophorone	7.439	82	532416	57.809	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	20087	8.796	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	20087	6.515	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	14773	4.899	ng	# 1

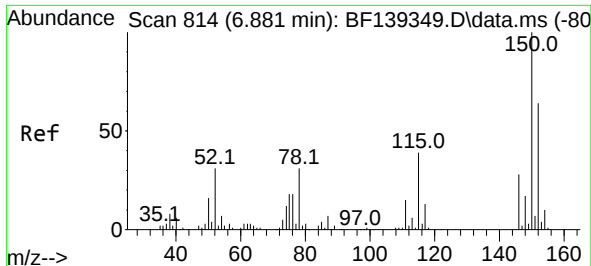
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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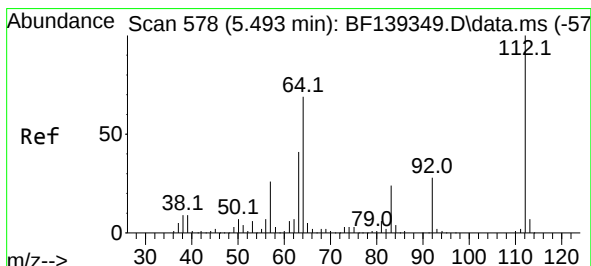
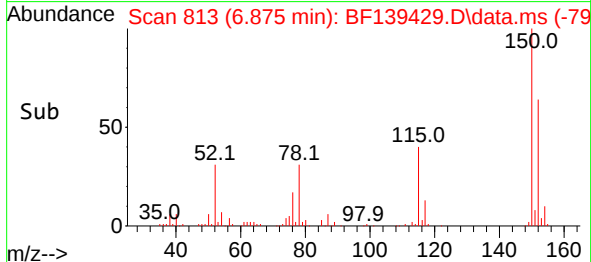
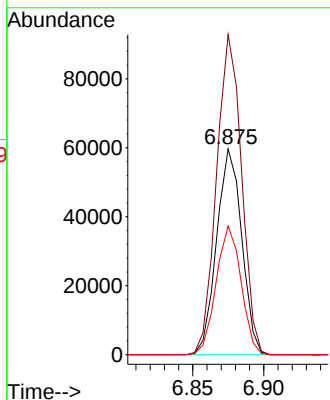
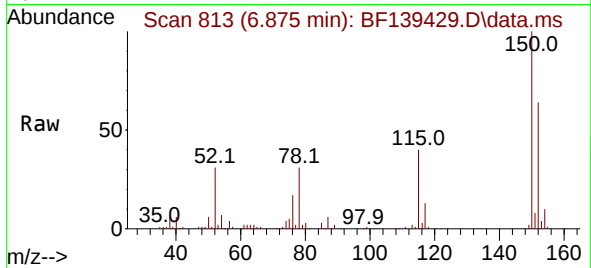




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139429.D
 Acq: 18 Sep 2024 16:49

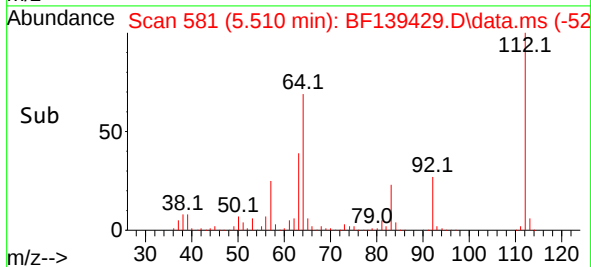
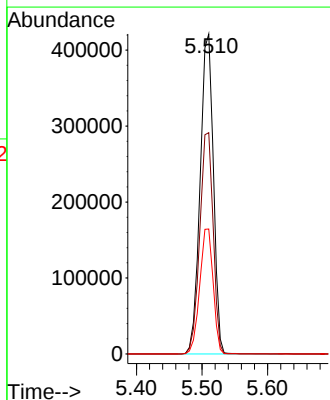
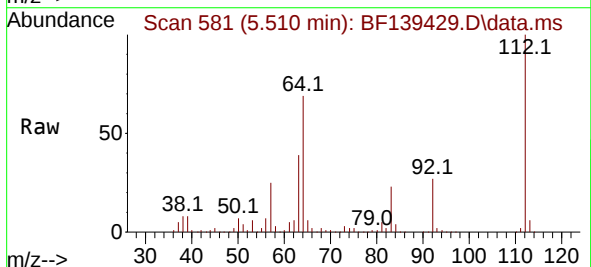
Instrument :
 BNA_F
 ClientSampleId :
 PB163486BL

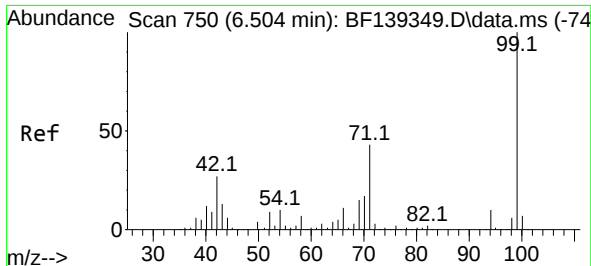
Tgt Ion:152 Resp: 73285
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.1 186.1
 115 62.6 48.1 72.1



#5
 2-Fluorophenol
 Concen: 131.909 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.017 min
 Lab File: BF139429.D
 Acq: 18 Sep 2024 16:49

Tgt Ion:112 Resp: 592577
 Ion Ratio Lower Upper
 112 100
 64 69.2 54.8 82.2
 63 39.0 33.0 49.4

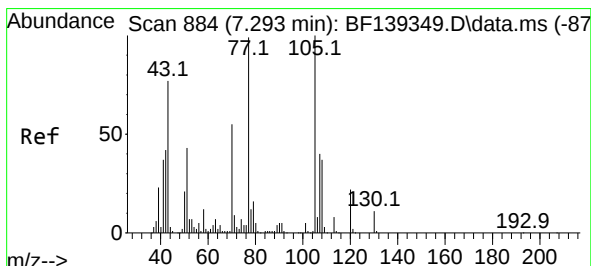
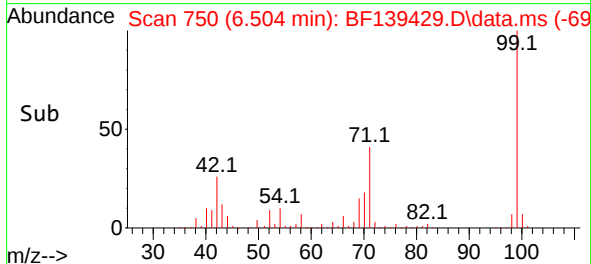
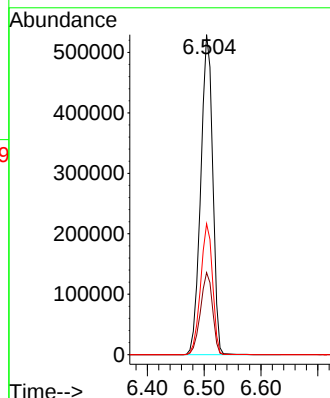
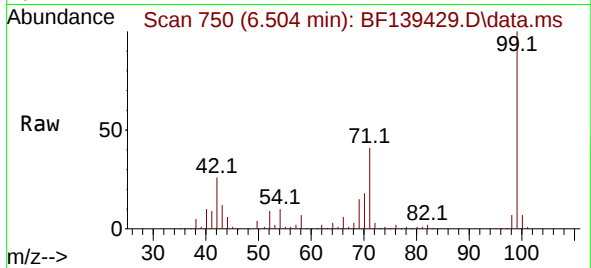




#7
Phenol-d6
Concen: 131.939 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

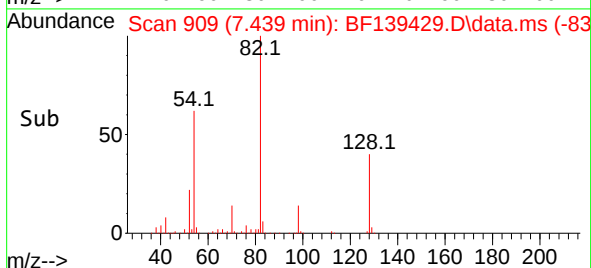
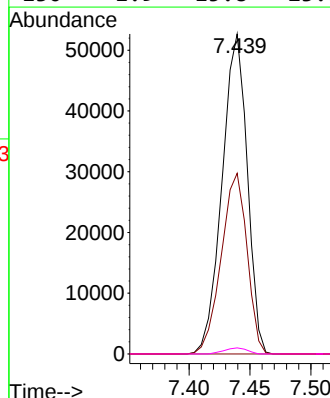
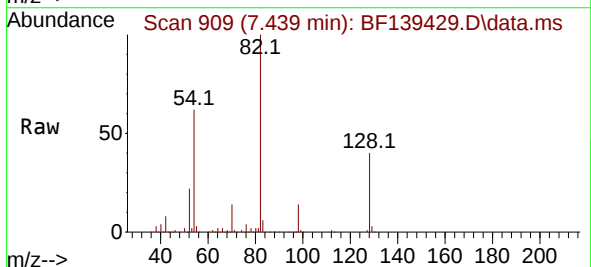
Instrument :
BNA_F
ClientSampleId :
PB163486BL

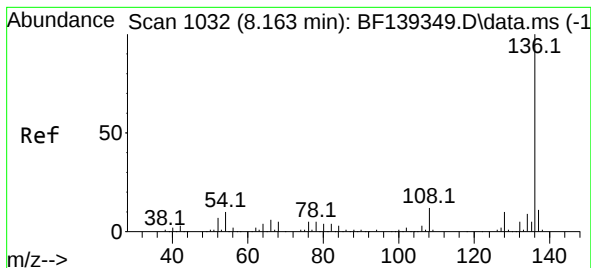
Tgt Ion: 99 Resp: 777972
Ion Ratio Lower Upper
99 100
42 25.7 21.9 32.9
71 40.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.671 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

Tgt Ion: 70 Resp: 75723
Ion Ratio Lower Upper
70 100
42 56.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

Instrument :

BNA_F

ClientSampleId :

PB163486BL

Tgt Ion:136 Resp: 273770

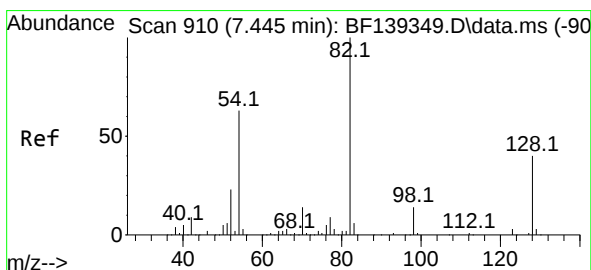
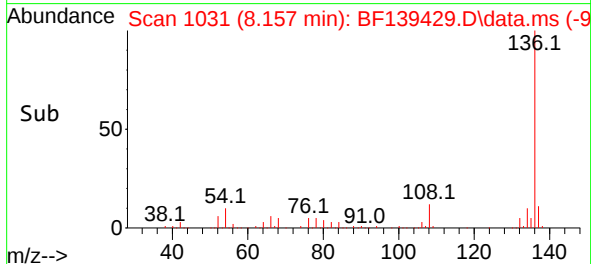
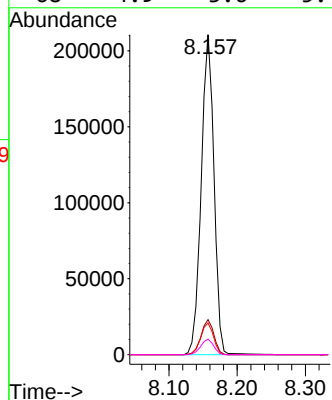
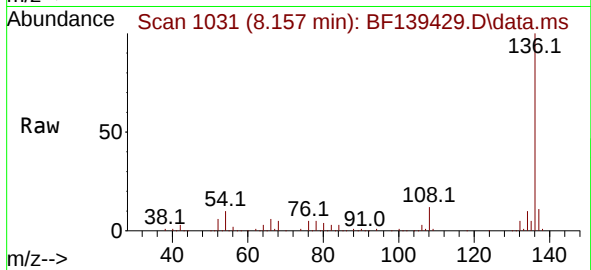
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.9 7.8 11.8

68 4.9 3.6 5.4



#23

Nitrobenzene-d5

Concen: 91.826 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

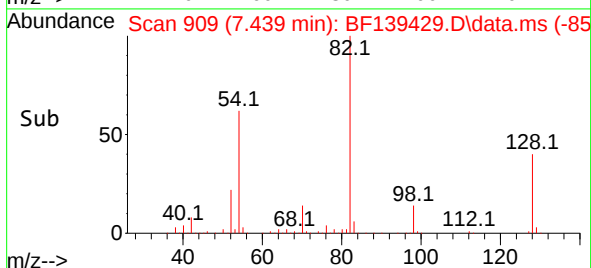
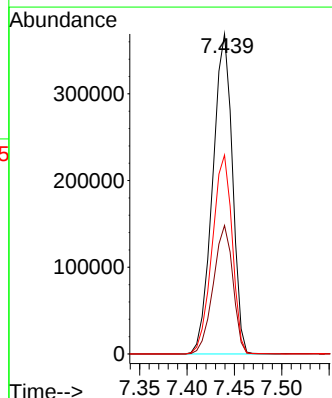
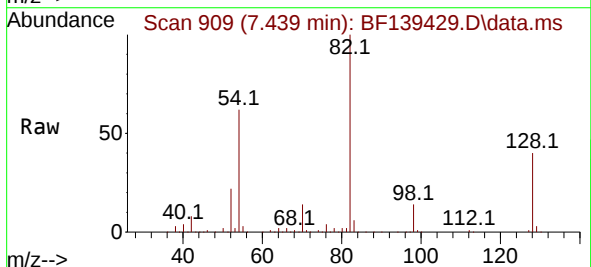
Tgt Ion: 82 Resp: 534744

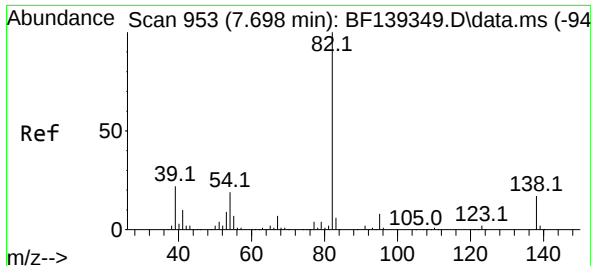
Ion Ratio Lower Upper

82 100

128 40.1 31.8 47.6

54 62.1 50.6 75.8

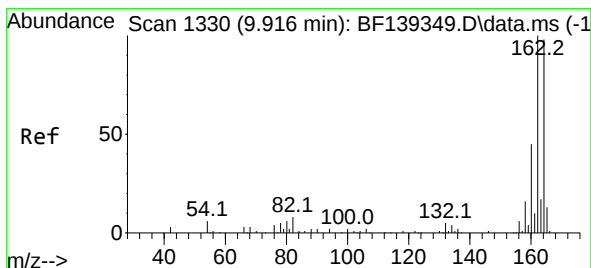
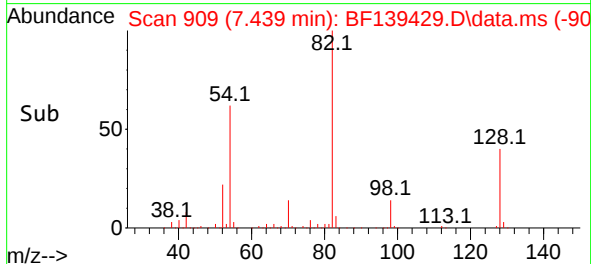
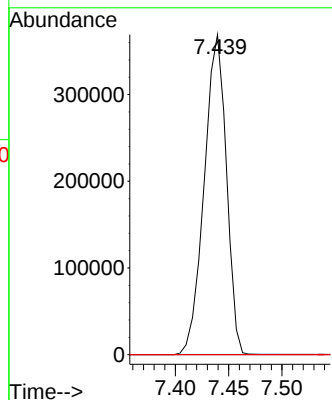
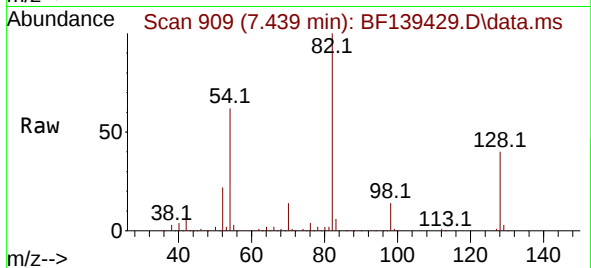




#25
Isophorone
Concen: 57.809 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

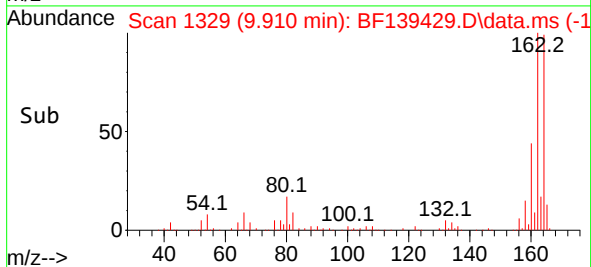
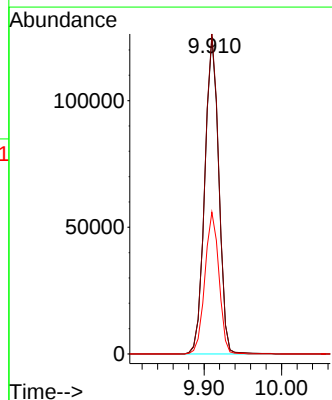
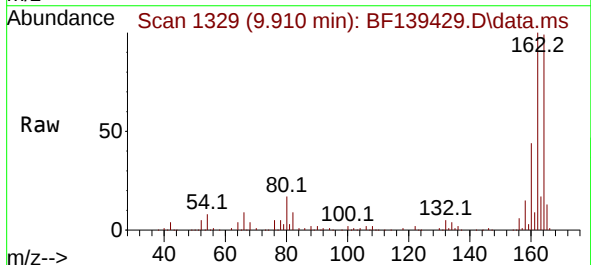
Instrument :
BNA_F
ClientSampleId :
PB163486BL

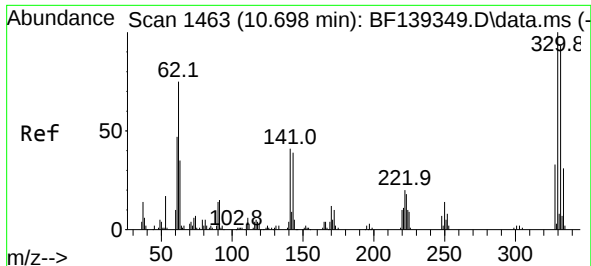
Tgt Ion: 82 Resp: 532416
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

Tgt Ion:164 Resp: 157058
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 128.290 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139429.D

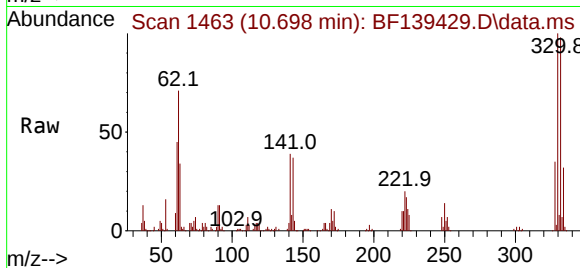
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Instrument :

BNA_F

ClientSampleId :

PB163486BL



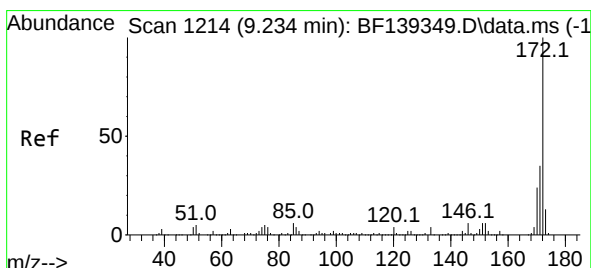
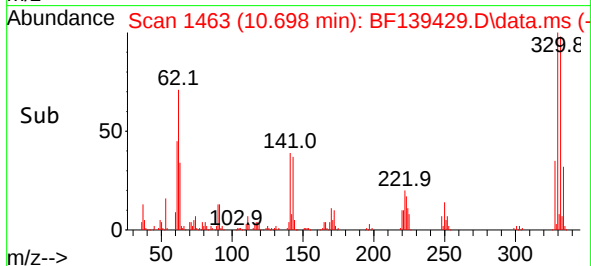
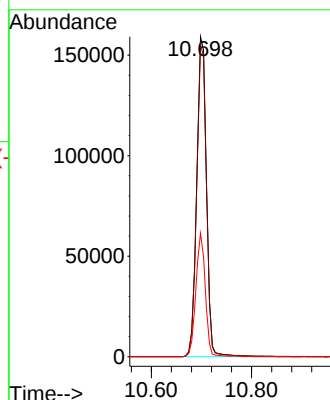
Tgt Ion:330 Resp: 214510

Ion Ratio Lower Upper

330 100

332 97.9 75.2 112.8

141 37.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 91.599 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

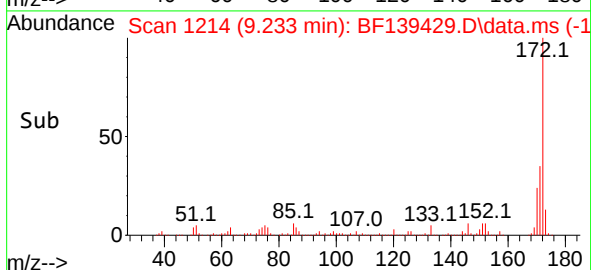
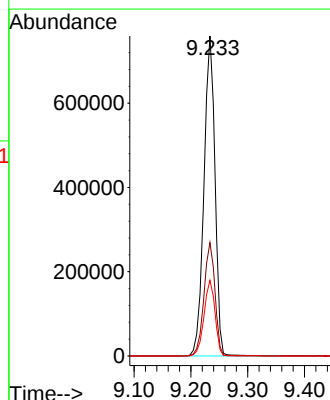
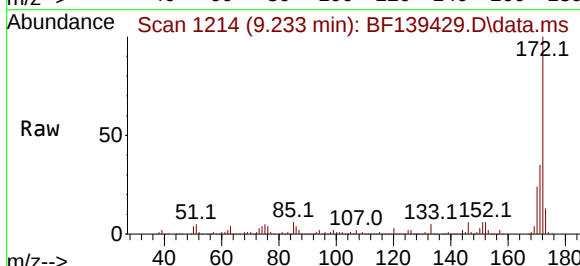
Tgt Ion:172 Resp: 1025755

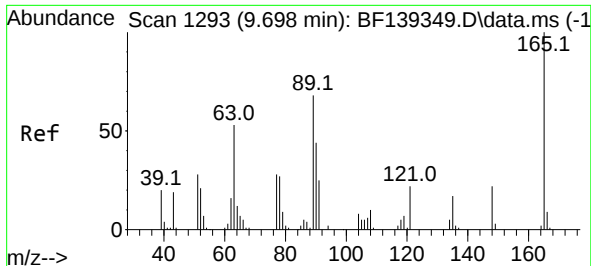
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.796 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

Instrument :

BNA_F

ClientSampleId :

PB163486BL

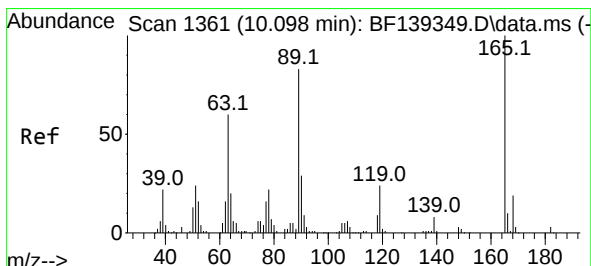
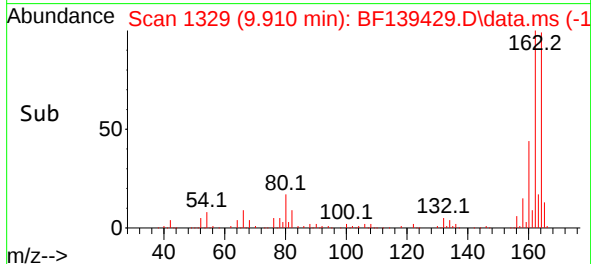
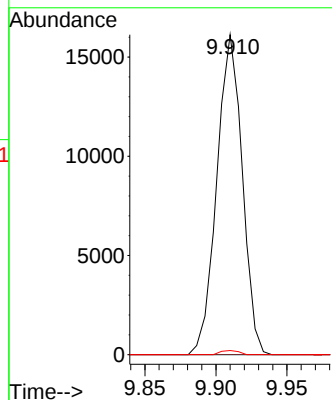
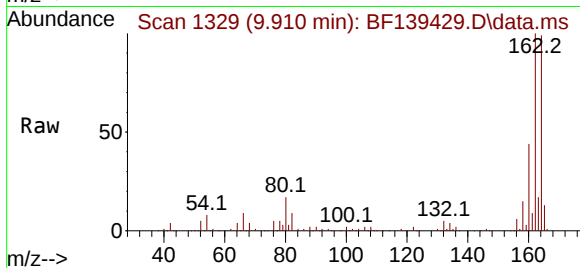
Tgt Ion:165 Resp: 20087

Ion Ratio Lower Upper

165 100

63 0.0 60.9 91.3#

89 1.3 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.515 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

Tgt Ion:165 Resp: 20087

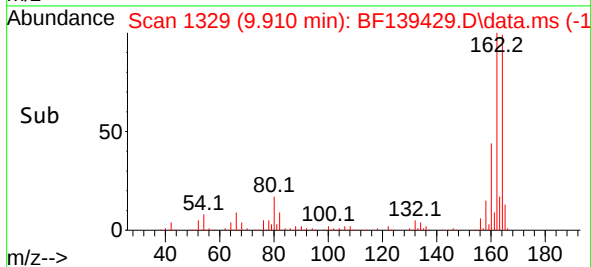
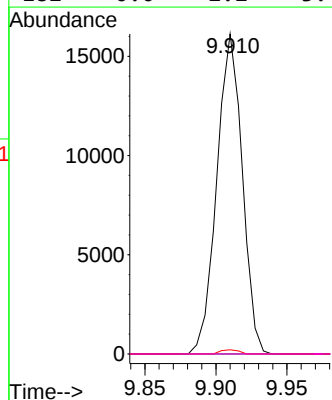
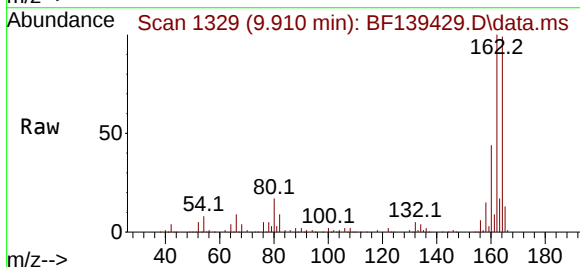
Ion Ratio Lower Upper

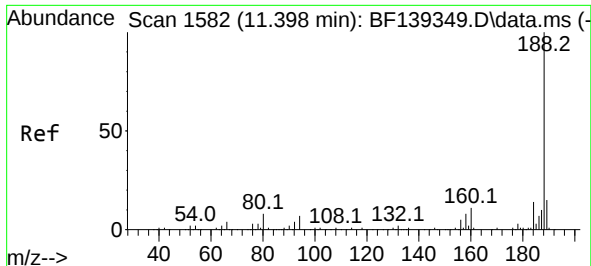
165 100

63 0.0 47.8 71.6#

89 1.3 66.7 100.1#

182 0.0 2.2 3.4#

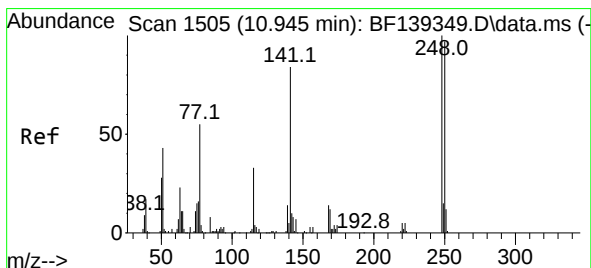
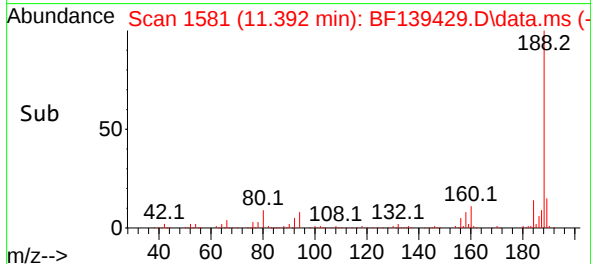
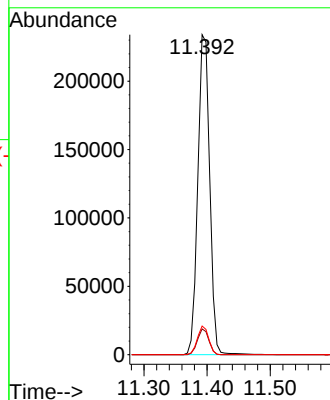
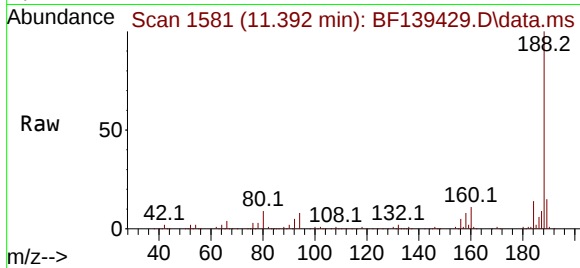




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

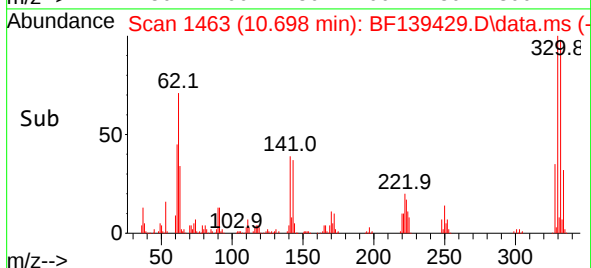
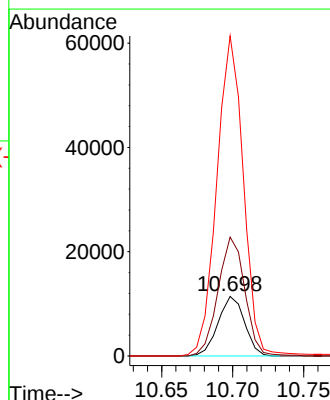
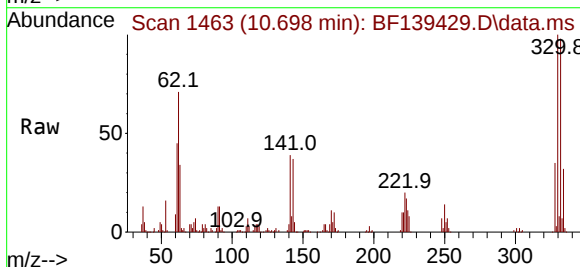
Instrument :
BNA_F
ClientSampleId :
PB163486BL

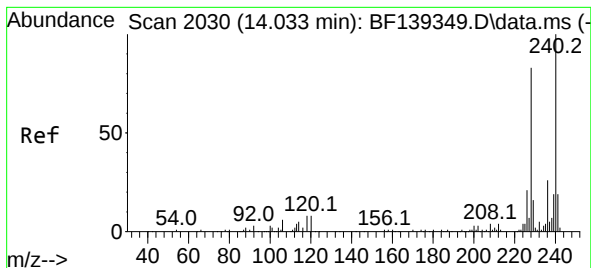
Tgt Ion:188 Resp: 304278
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 8.9 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 4.899 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139429.D
Acq: 18 Sep 2024 16:49

Tgt Ion:248 Resp: 14773
Ion Ratio Lower Upper
248 100
250 199.7 77.6 116.4#
141 537.3 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

Instrument :

BNA_F

ClientSampleId :

PB163486BL

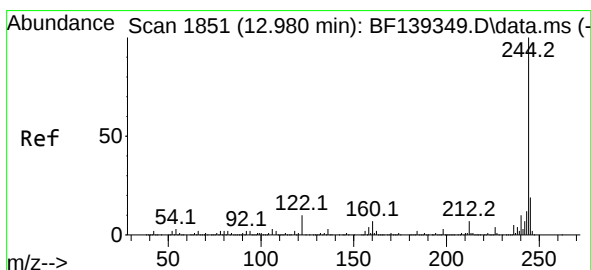
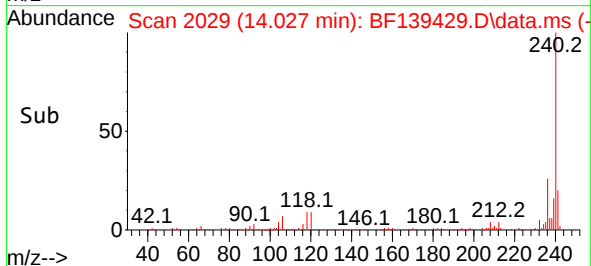
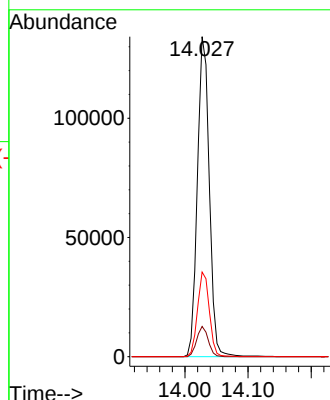
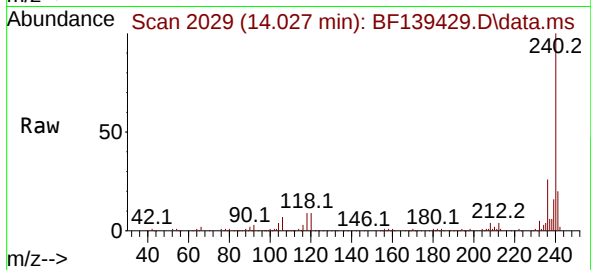
Tgt Ion:240 Resp: 175418

Ion Ratio Lower Upper

240 100

120 9.4 6.2 9.2#

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 102.853 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139429.D

Acq: 18 Sep 2024 16:49

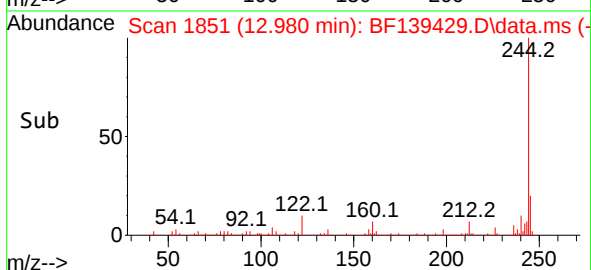
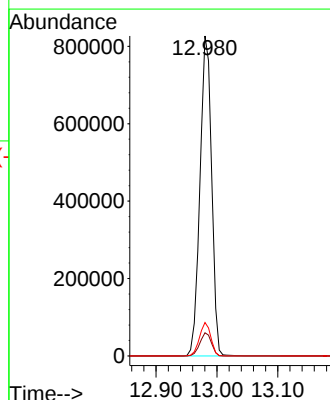
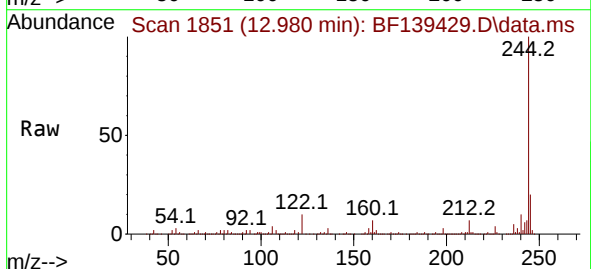
Tgt Ion:244 Resp: 1099203

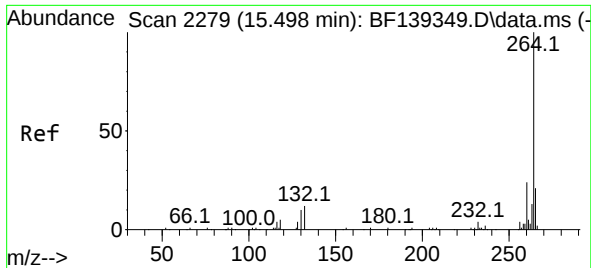
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

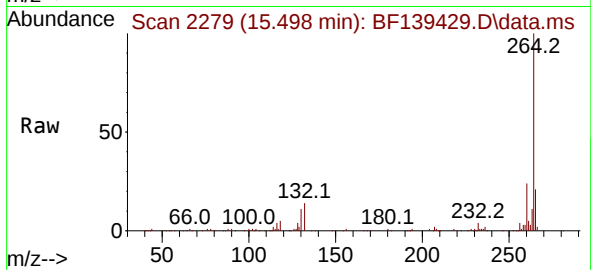
122 10.5 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139429.D
 Acq: 18 Sep 2024 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB163486BL



Tgt Ion:264 Resp: 138455
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.8 16.6 25.0

