

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139269.D
 Acq On : 06 Sep 2024 10:01
 Operator : RC/JU
 Sample : PB163139BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163139BL

Quant Time: Sep 06 10:43:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

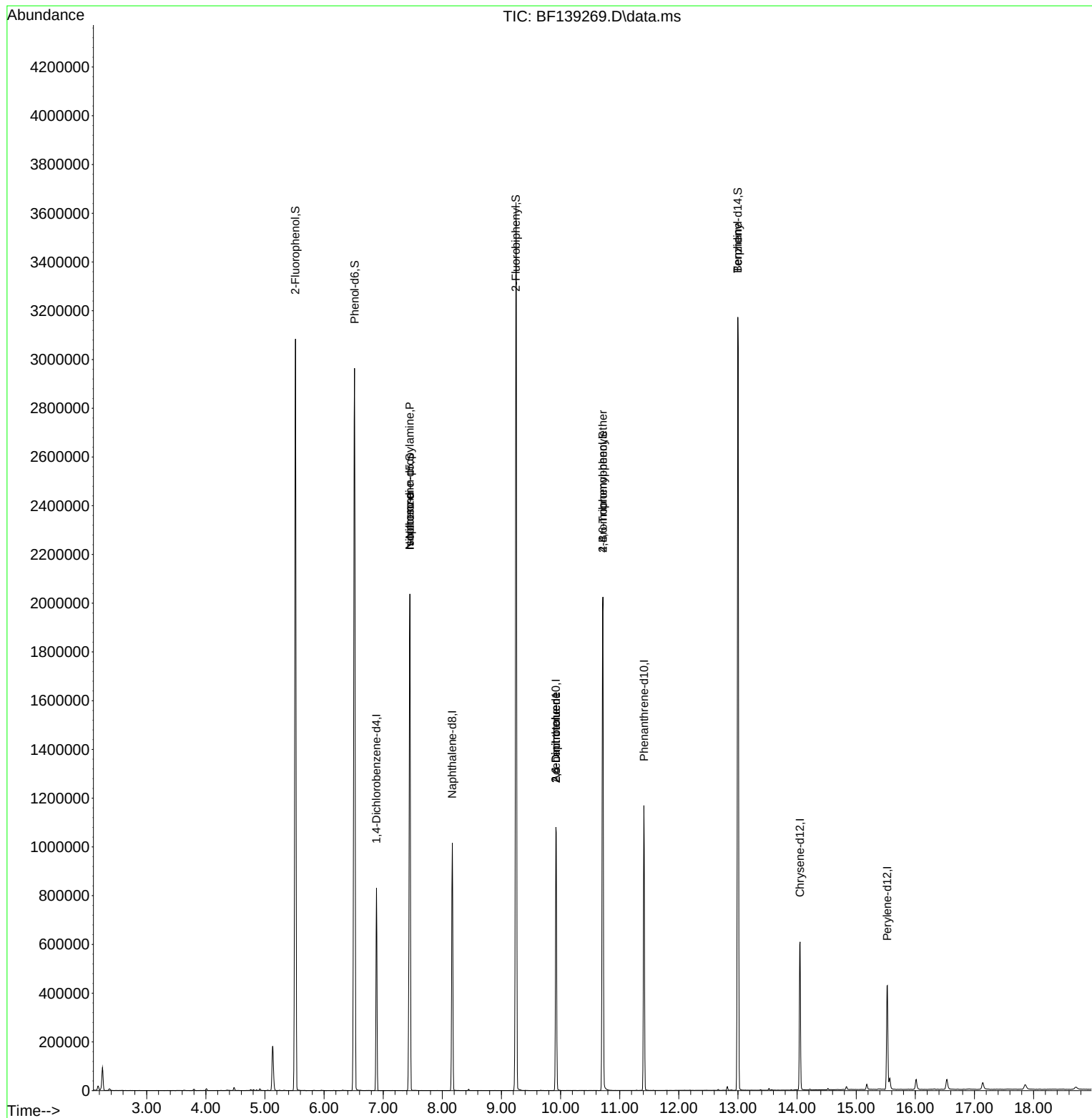
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	163587	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	609350	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	331699	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	608322	20.000	ng	0.00
76) Chrysene-d12	14.051	240	296509	20.000	ng	0.00
86) Perylene-d12	15.527	264	264558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1137784	116.352	ng	0.01
7) Phenol-d6	6.516	99	1489553	114.102	ng	0.00
23) Nitrobenzene-d5	7.451	82	949420	81.056	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	324649	113.344	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1685709	78.449	ng	0.00
79) Terphenyl-d14	12.998	244	1615248	87.955	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	132158	17.577	ng	# 75
25) Isophorone	7.451	82	946815	47.280	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	43366	9.508	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	43366	7.470	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	22746	3.854	ng	# 1
77) Benzidine	12.998	184	21900	3.668	ng	# 92

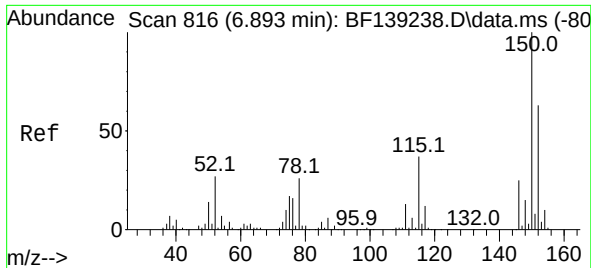
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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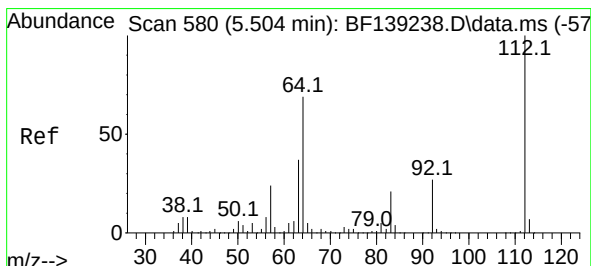
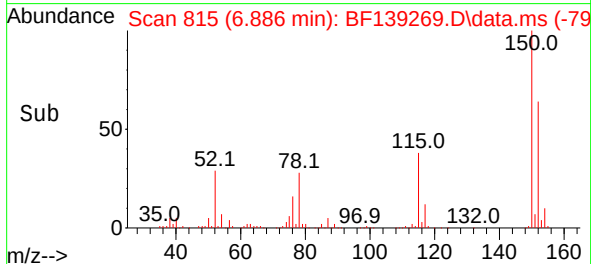
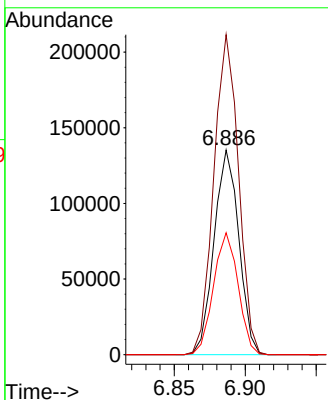
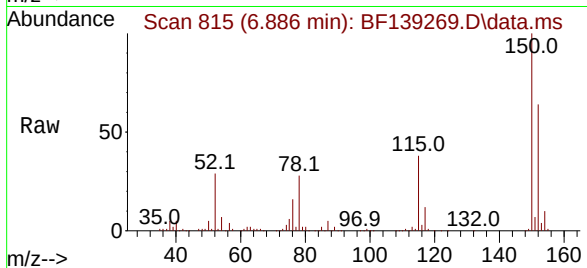




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

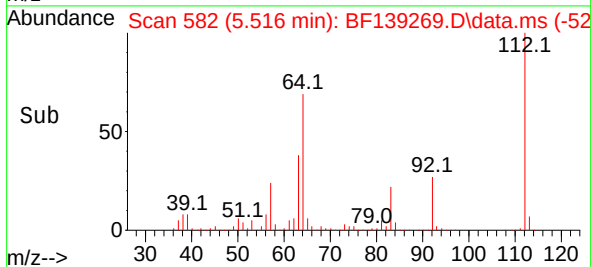
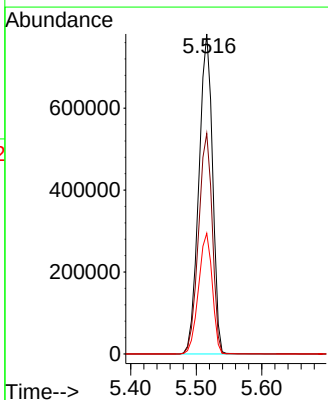
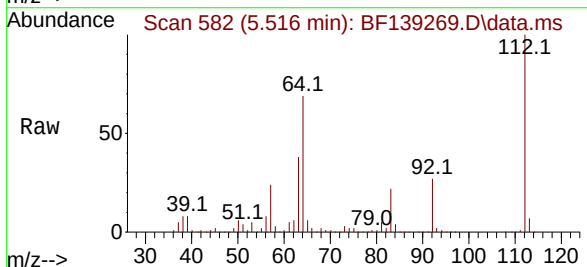
Instrument :
BNA_F
ClientSampleId :
PB163139BL

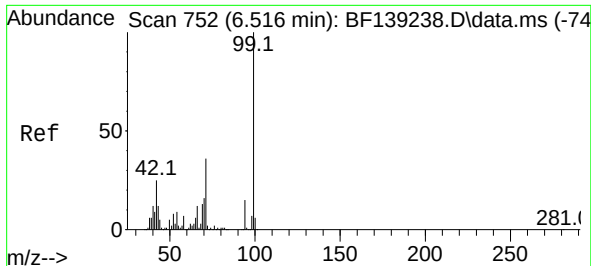
Tgt Ion:152 Resp: 163587
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.4
115 59.6 46.9 70.3



#5
2-Fluorophenol
Concen: 116.352 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.011 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

Tgt Ion:112 Resp: 1137784
Ion Ratio Lower Upper
112 100
64 68.9 55.0 82.4
63 37.7 29.9 44.9

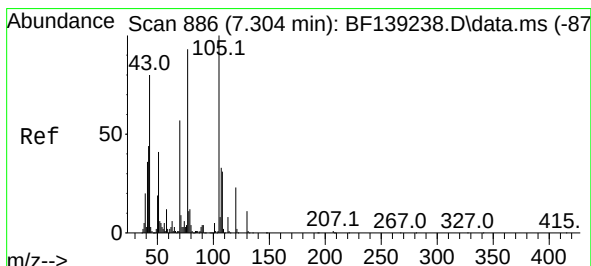
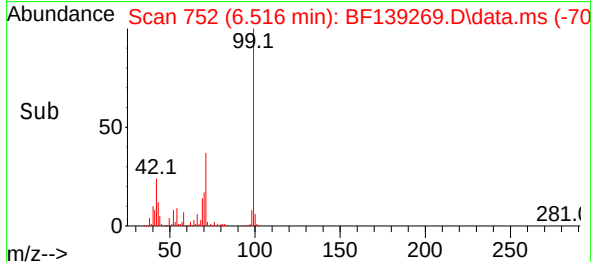
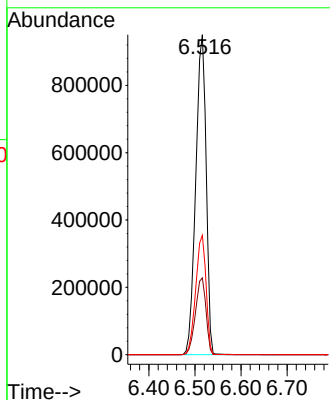
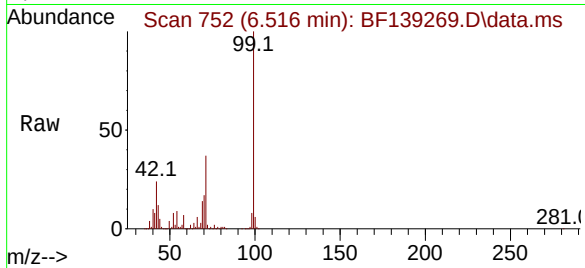




#7
Phenol-d6
Concen: 114.102 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

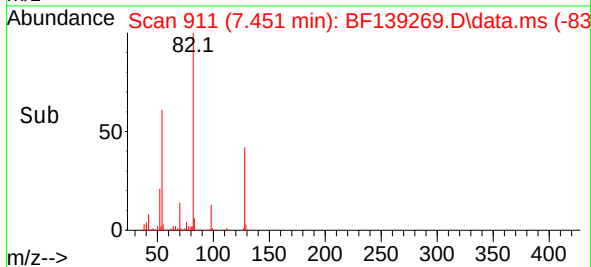
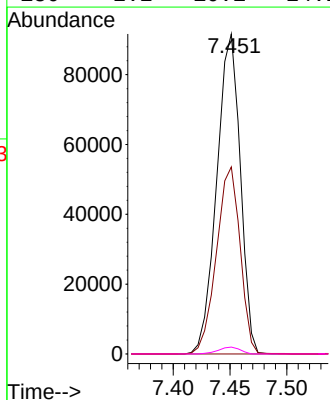
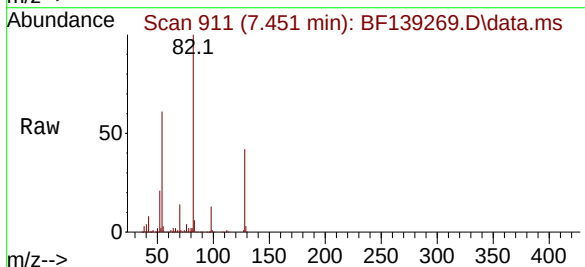
Instrument :
BNA_F
ClientSampleId :
PB163139BL

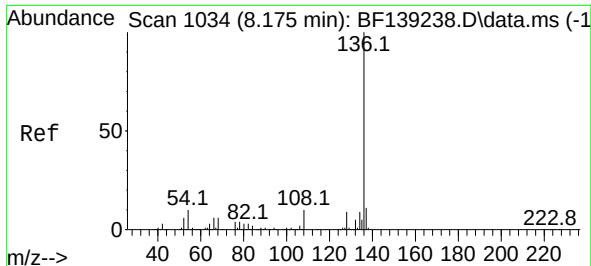
Tgt Ion: 99 Resp: 1489553
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 37.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.577 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

Tgt Ion: 70 Resp: 132158
Ion Ratio Lower Upper
70 100
42 58.5 61.0 91.6#
101 0.0 7.2 10.8#
130 2.2 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB163139BL

Tgt Ion:136 Resp: 609350

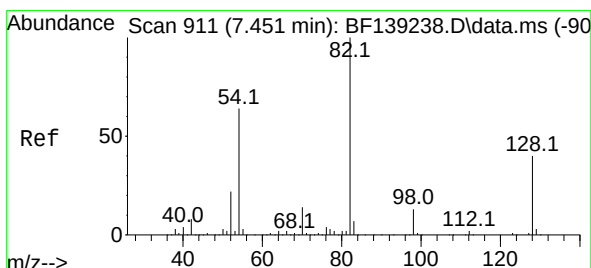
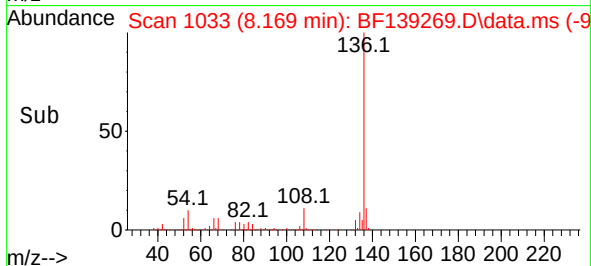
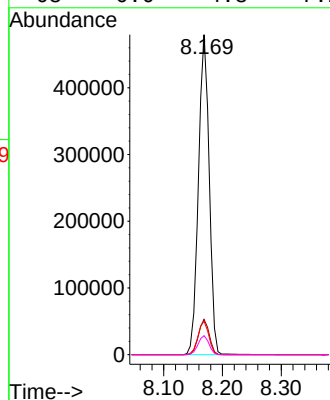
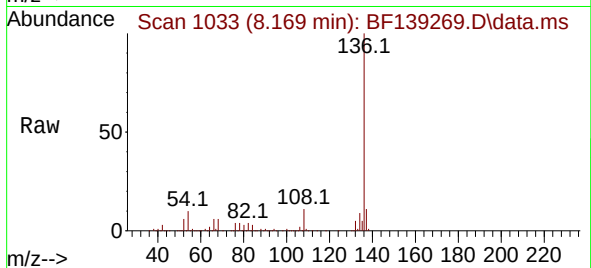
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.4 8.4 12.6

68 6.0 4.8 7.2



#23

Nitrobenzene-d5

Concen: 81.056 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

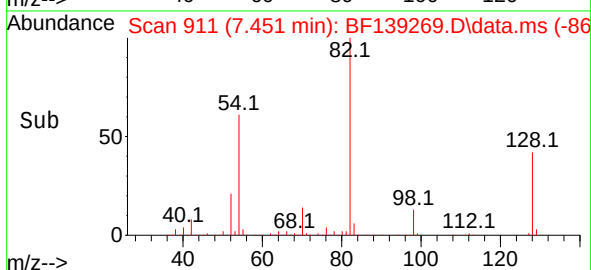
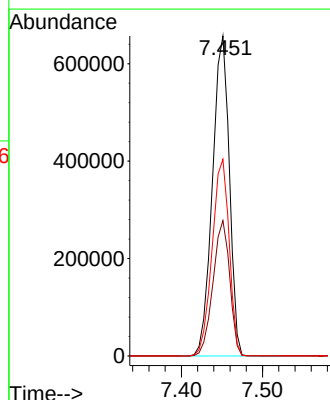
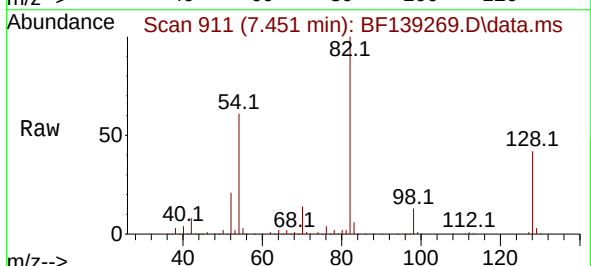
Tgt Ion: 82 Resp: 949420

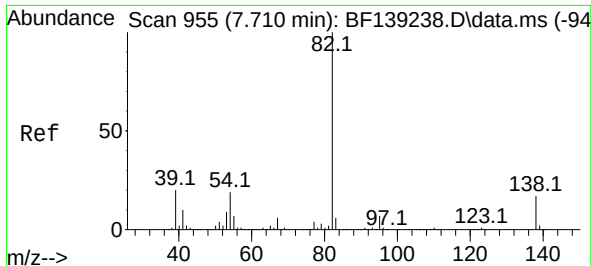
Ion Ratio Lower Upper

82 100

128 42.3 32.3 48.5

54 61.4 51.2 76.8

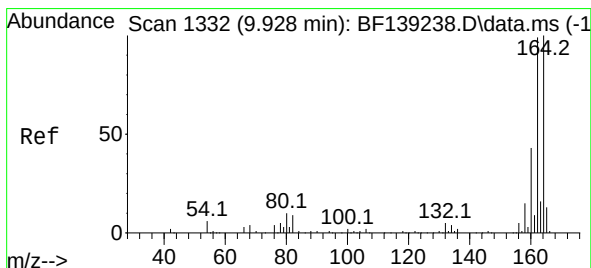
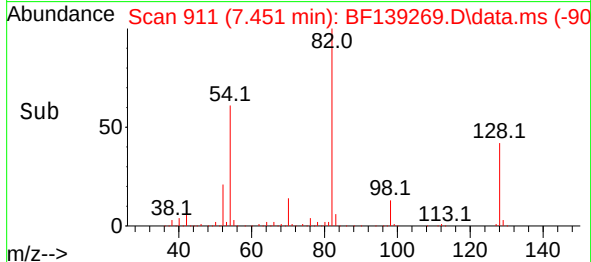
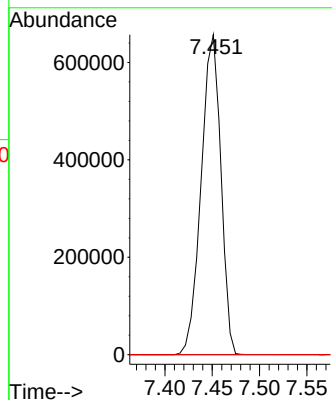
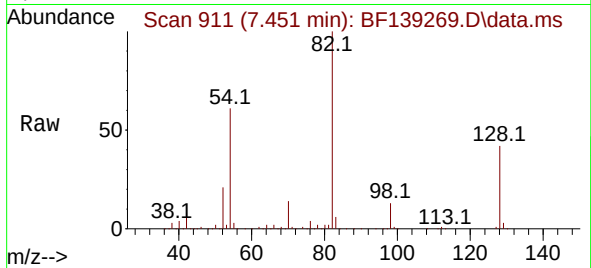




#25
Isophorone
Concen: 47.280 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

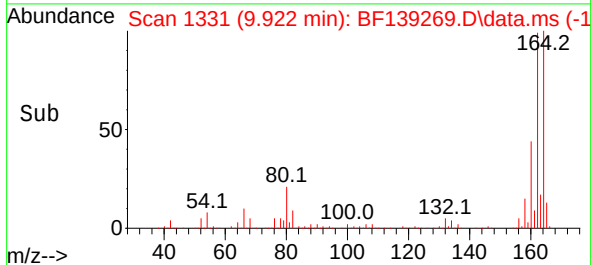
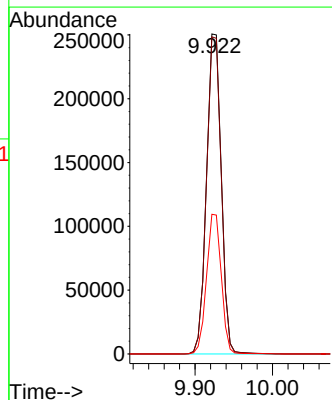
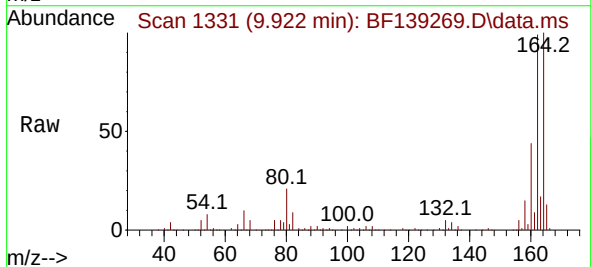
Instrument :
BNA_F
ClientSampleId :
PB163139BL

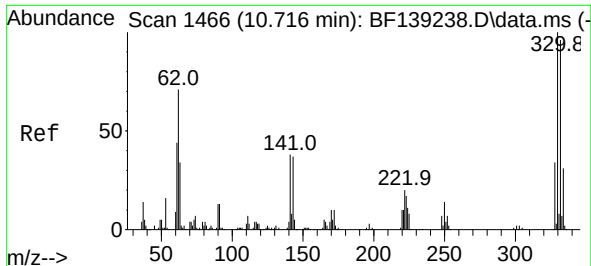
Tgt Ion: 82 Resp: 946815
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

Tgt Ion:164 Resp: 331699
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 113.344 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139269.D

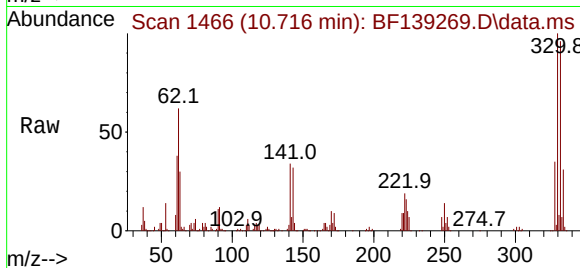
Acq: 06 Sep 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB163139BL



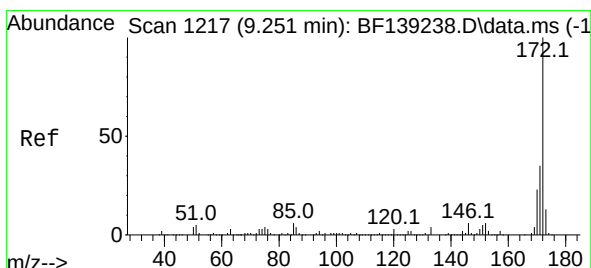
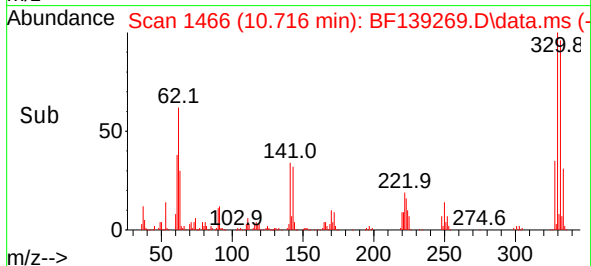
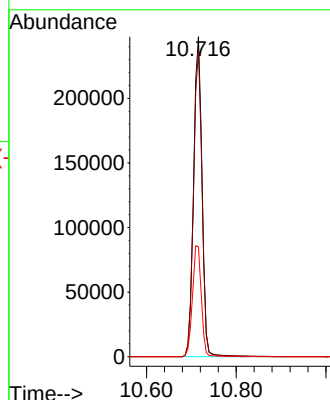
Tgt Ion:330 Resp: 324649

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 36.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.449 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

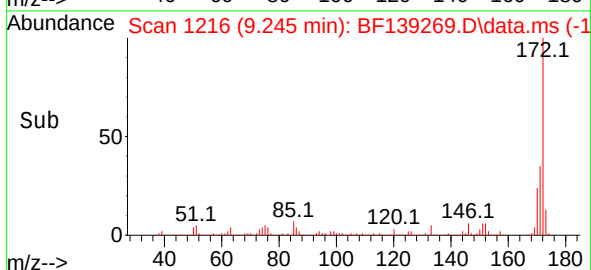
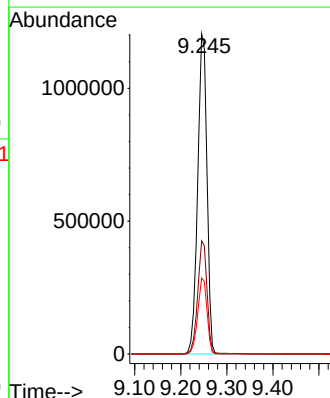
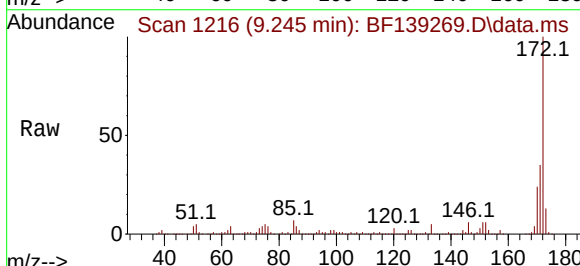
Tgt Ion:172 Resp: 1685709

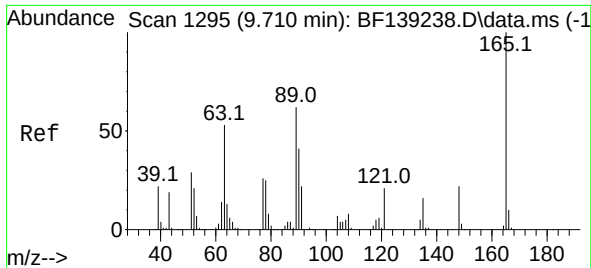
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 18.7 28.1

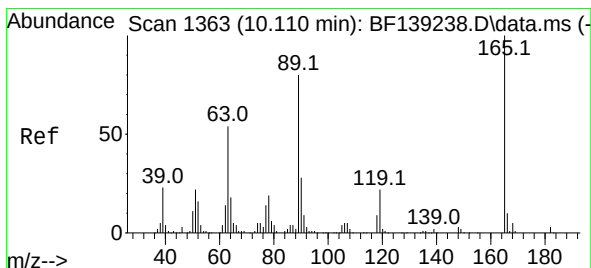
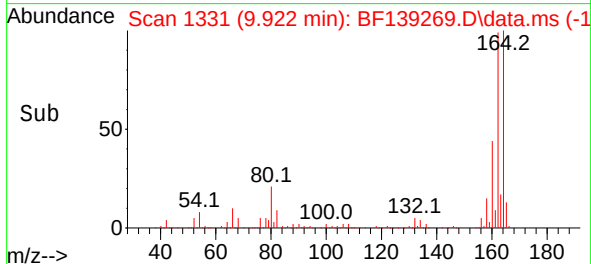
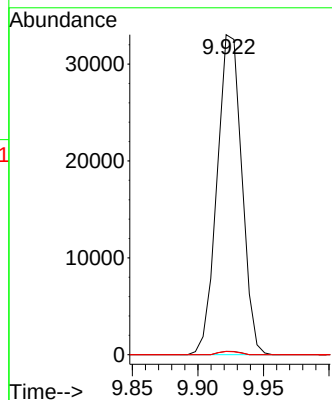
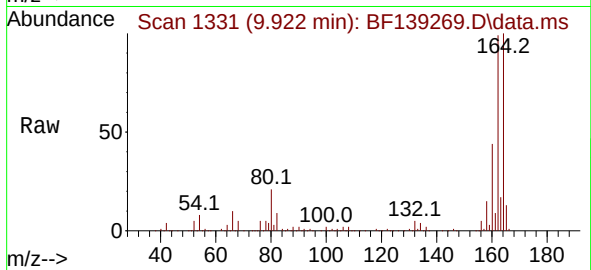




#51
2,6-Dinitrotoluene
Concen: 9.508 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.211 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

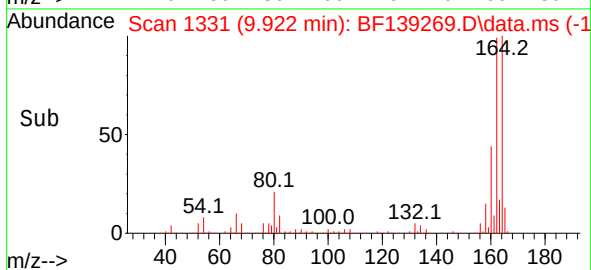
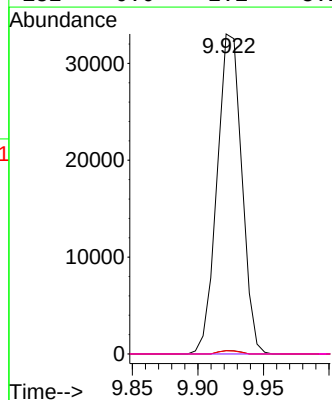
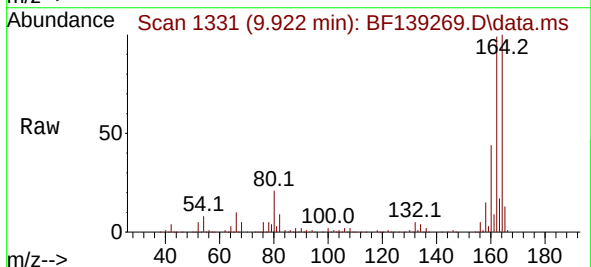
Instrument :
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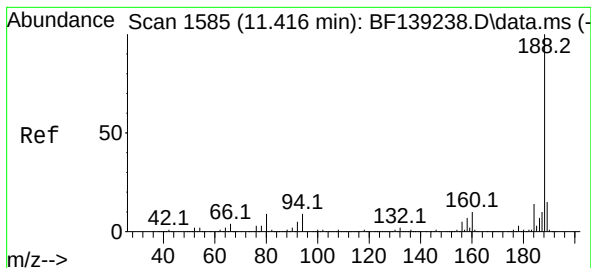
Tgt Ion:165 Resp: 43366
Ion Ratio Lower Upper
165 100
63 1.0 56.1 84.1#
89 1.0 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.470 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139269.D
Acq: 06 Sep 2024 10:01

Tgt Ion:165 Resp: 43366
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.0 64.2 96.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB163139BL

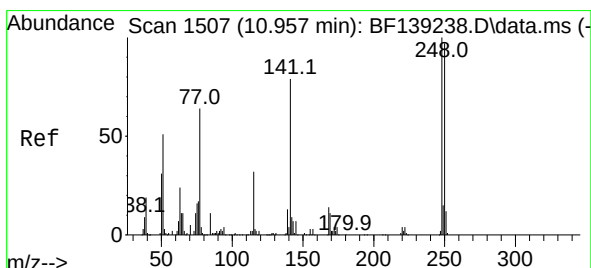
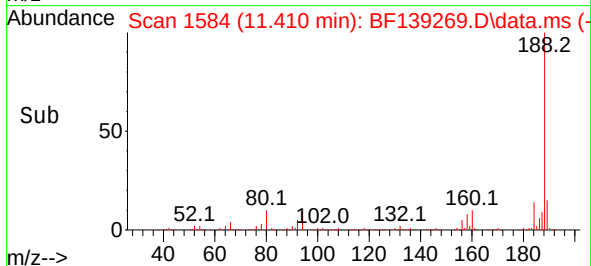
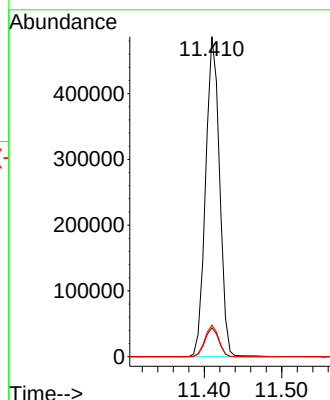
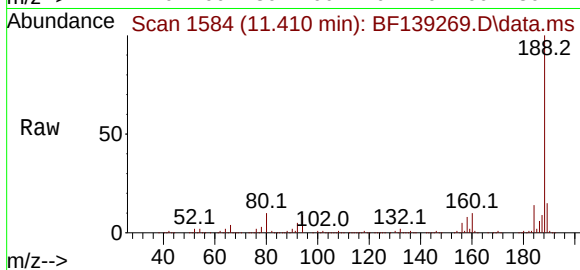
Tgt Ion:188 Resp: 608322

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.9 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.854 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

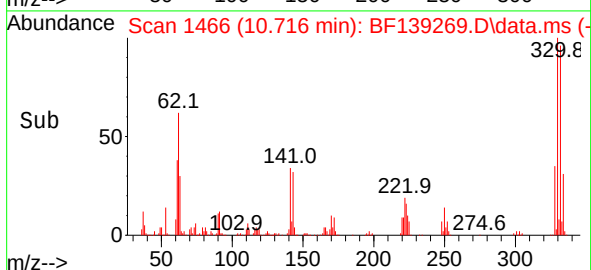
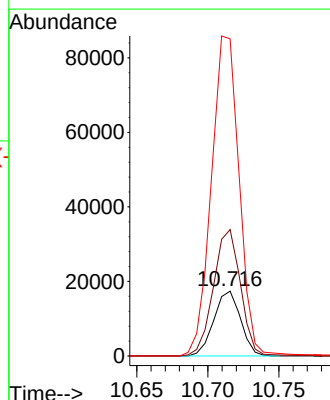
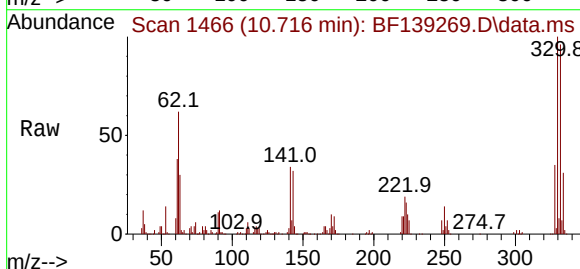
Tgt Ion:248 Resp: 22746

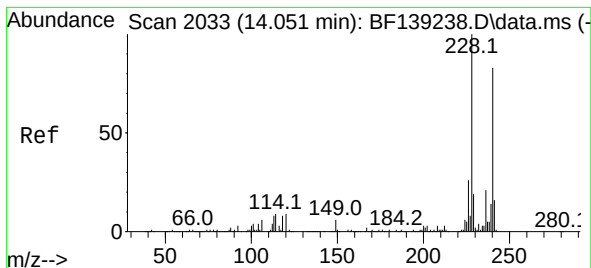
Ion Ratio Lower Upper

248 100

250 194.9 77.2 115.8#

141 488.8 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB163139BL

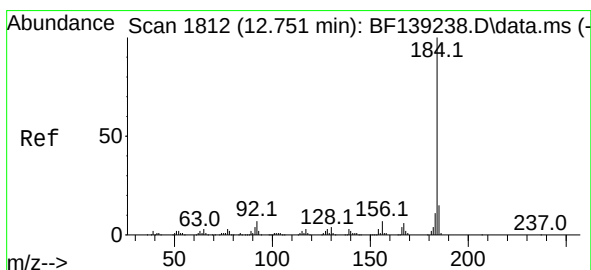
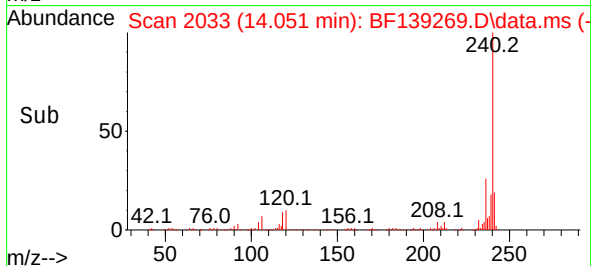
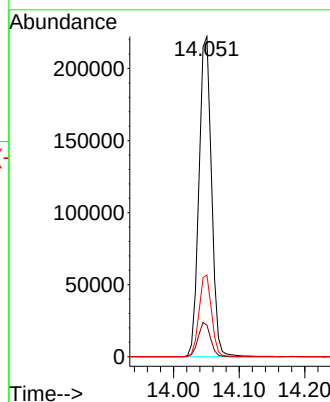
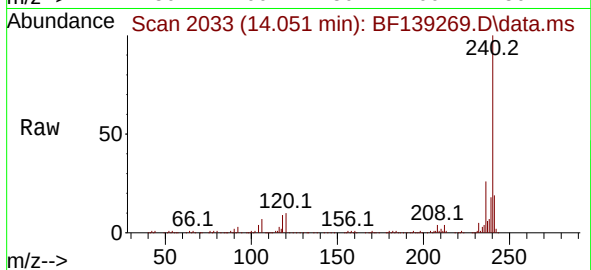
Tgt Ion:240 Resp: 296509

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: 3.668 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

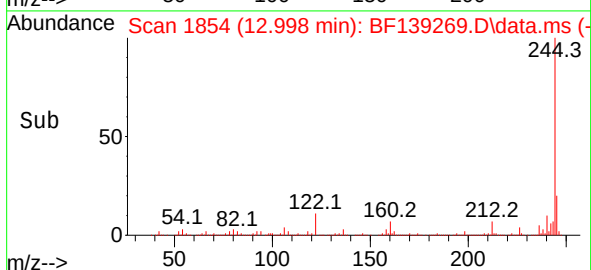
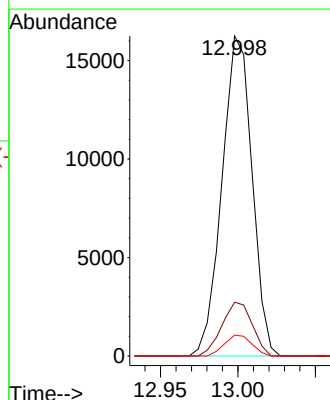
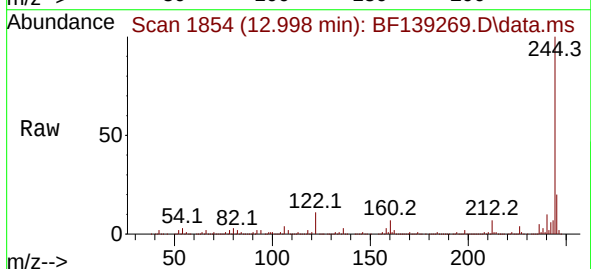
Tgt Ion:184 Resp: 21900

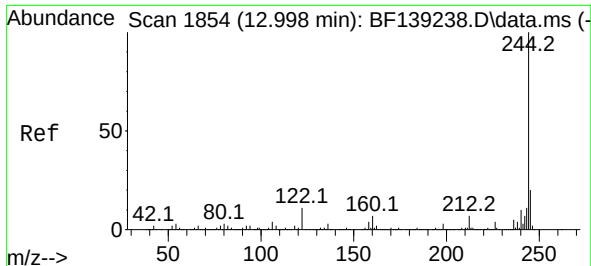
Ion Ratio Lower Upper

184 100

185 16.8 11.9 17.9

183 6.5 8.8 13.2#





#79

Terphenyl-d14

Concen: 87.955 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB163139BL

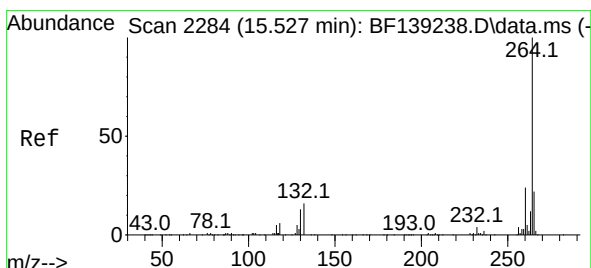
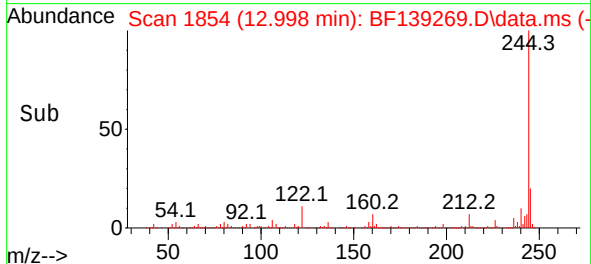
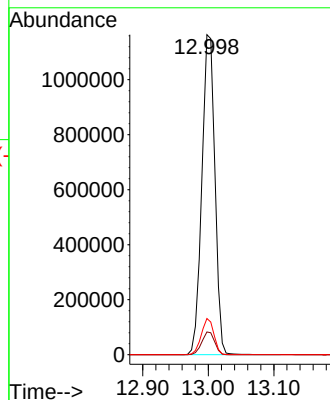
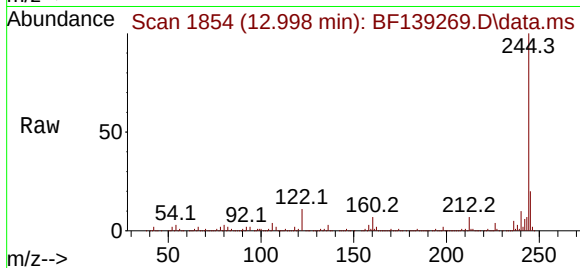
Tgt Ion:244 Resp: 1615248

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.3 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139269.D

Acq: 06 Sep 2024 10:01

Tgt Ion:264 Resp: 264558

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 20.9 17.3 25.9

