

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139360.D
 Acq On : 14 Sep 2024 10:54
 Operator : RC/JU
 Sample : PB163318BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163318BL

Quant Time: Sep 16 01:51:40 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)

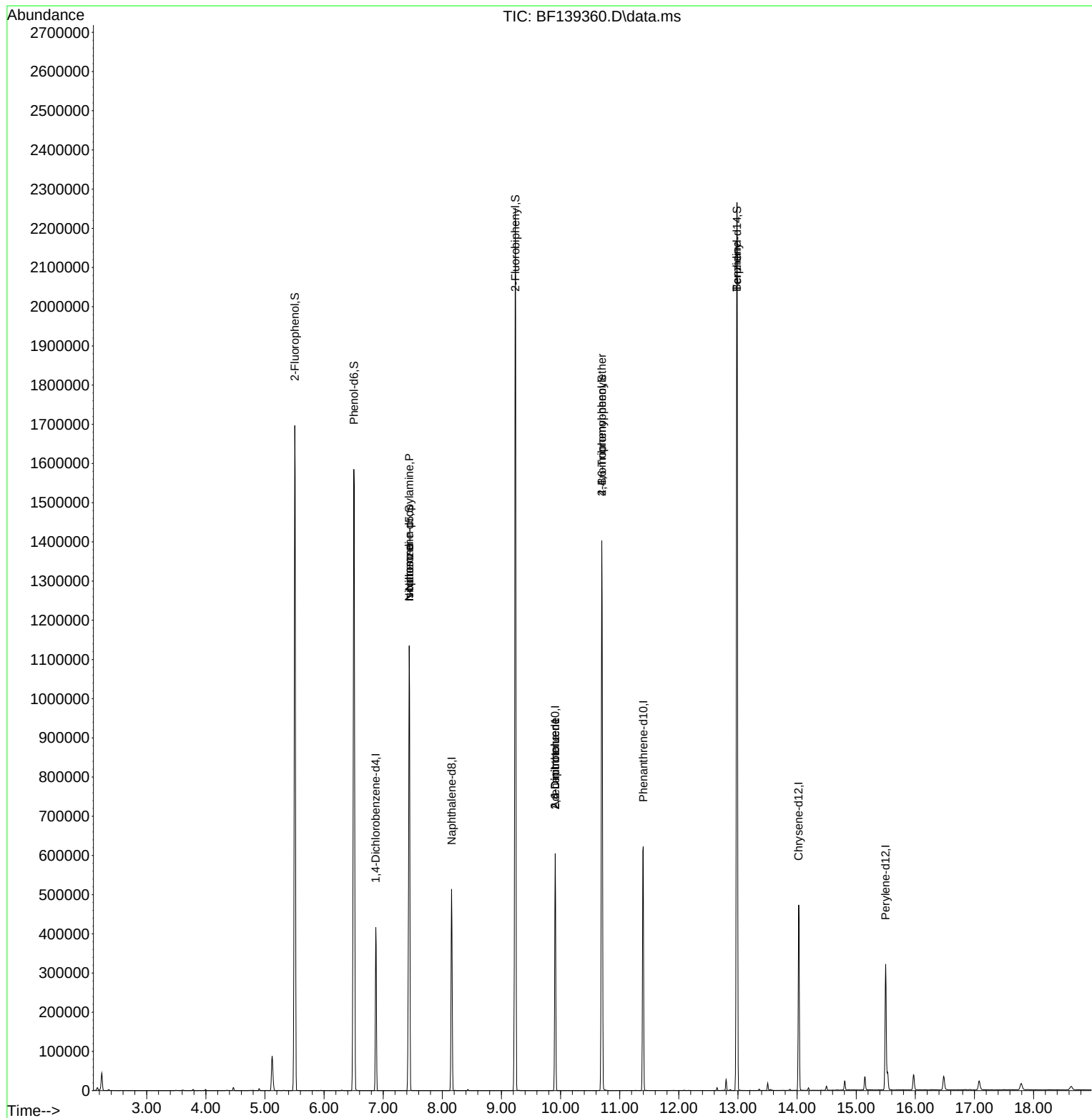
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80141	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	302884	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172396	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	332951	20.000	ng	0.00
76) Chrysene-d12	14.027	240	220742	20.000	ng	0.00
86) Perylene-d12	15.498	264	184482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	595806	121.282	ng	0.01
7) Phenol-d6	6.504	99	774149	120.059	ng	0.00
23) Nitrobenzene-d5	7.439	82	523655	81.278	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	213296	116.215	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	987965	80.375	ng	0.00
79) Terphenyl-d14	12.986	244	1164584	86.596	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.439	70	75931	19.872	ng	# 74
25) Isophorone	7.439	82	522223	51.252	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21469	8.565	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21469	6.344	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	14839	4.497	ng	# 1
77) Benzydine	12.980	184	17255	5.456	ng	# 93

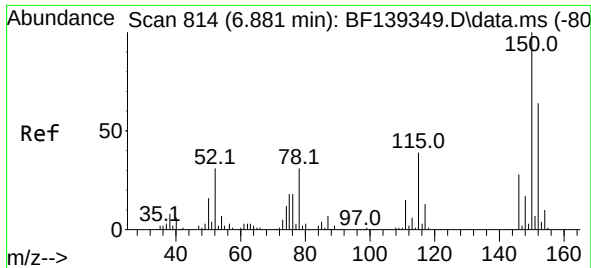
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139360.D
Acq On : 14 Sep 2024 10:54
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163318BL

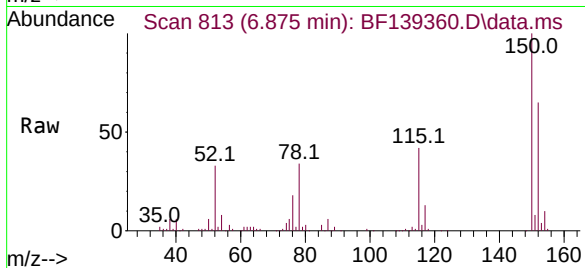
Quant Time: Sep 16 01:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



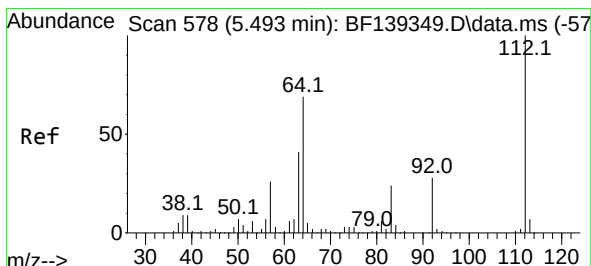
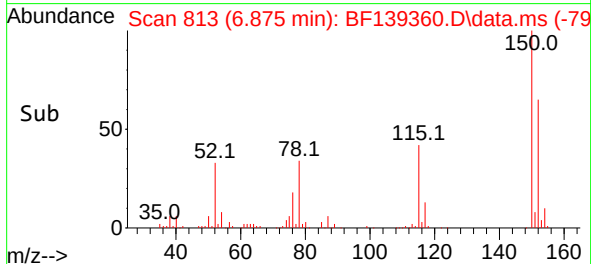
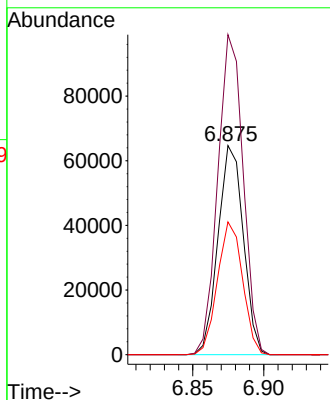


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Instrument :
BNA_F
ClientSampleId :
PB163318BL

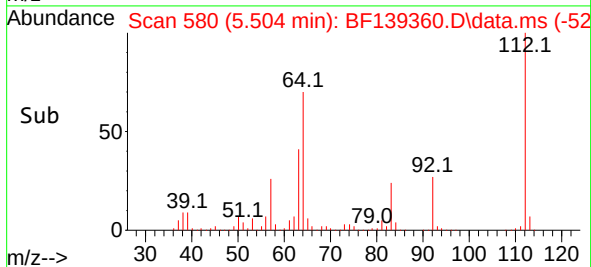
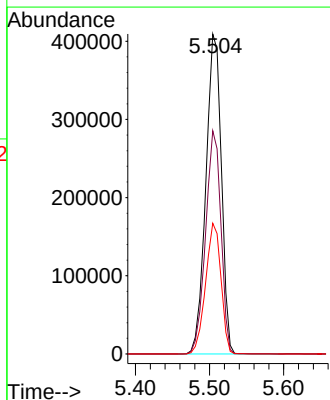
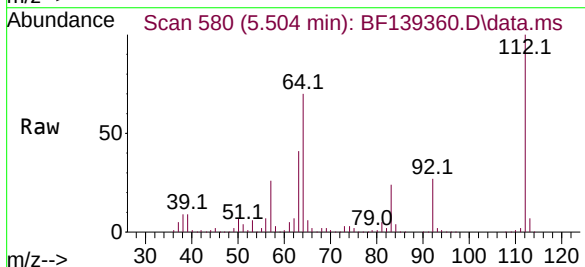


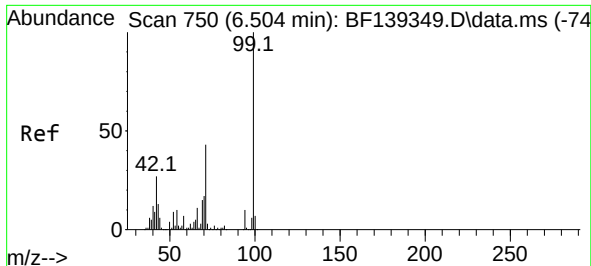
Tgt Ion:152 Resp: 80141
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 63.5 48.1 72.1



#5
2-Fluorophenol
Concen: 121.282 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Tgt Ion:112 Resp: 595806
Ion Ratio Lower Upper
112 100
64 69.8 54.8 82.2
63 40.8 33.0 49.4

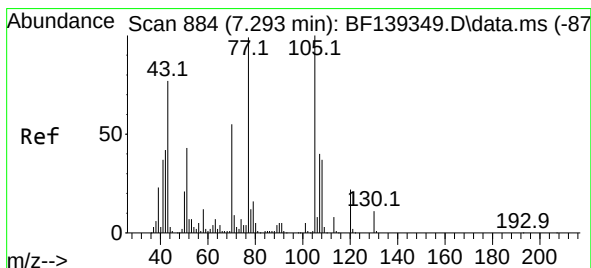
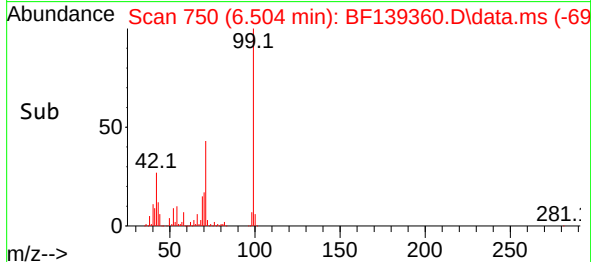
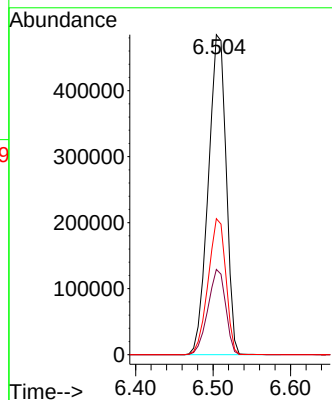
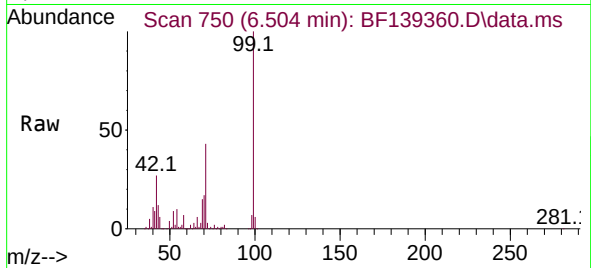




#7
Phenol-d6
Concen: 120.059 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

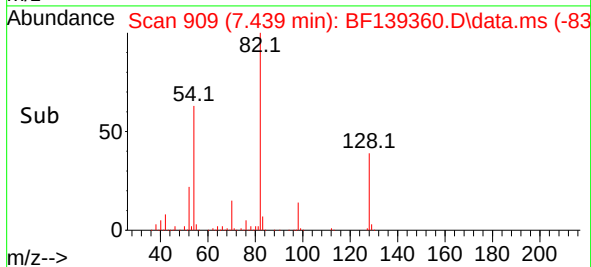
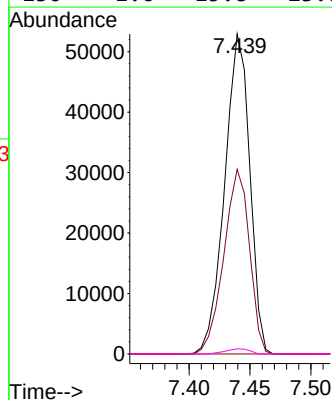
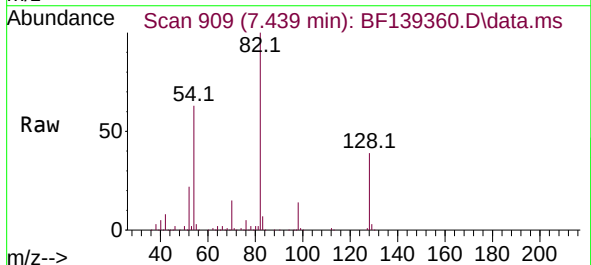
Instrument :
BNA_F
ClientSampleId :
PB163318BL

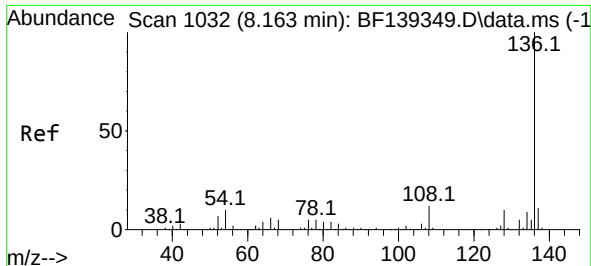
Tgt Ion: 99 Resp: 774149
Ion Ratio Lower Upper
99 100
42 26.6 21.9 32.9
71 42.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.872 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

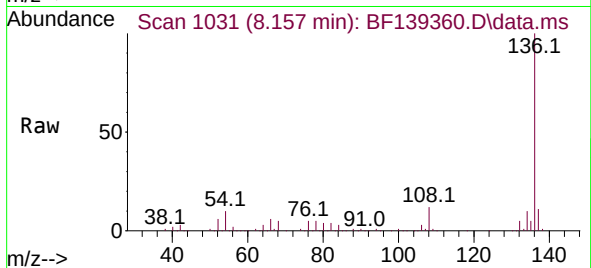
Tgt Ion: 70 Resp: 75931
Ion Ratio Lower Upper
70 100
42 57.7 61.2 91.8#
101 0.0 7.5 11.3#
130 1.6 15.8 23.8#



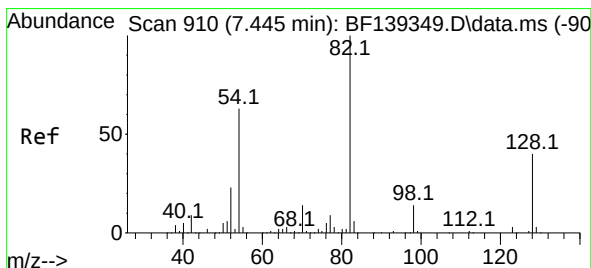
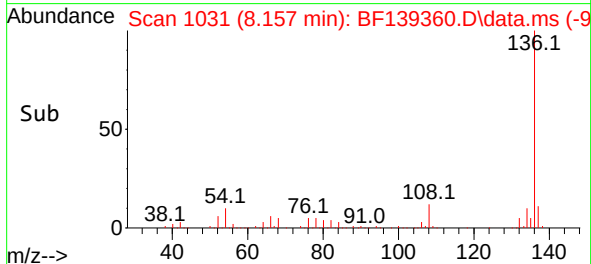
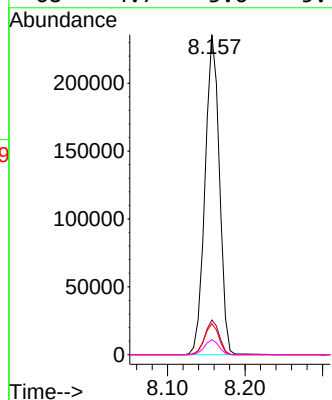


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Instrument :
BNA_F
ClientSampleId :
PB163318BL

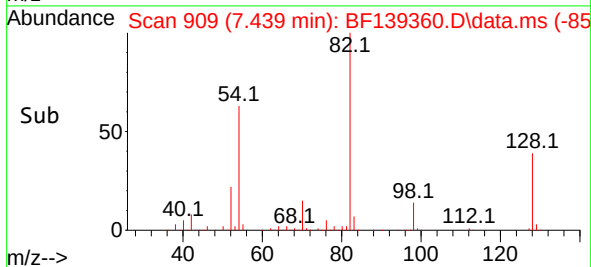
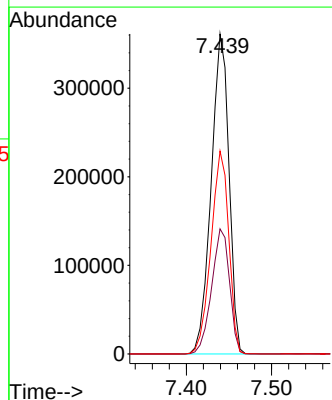
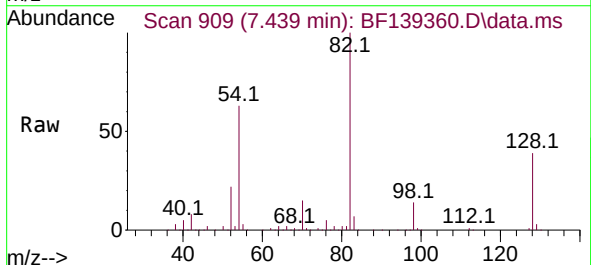


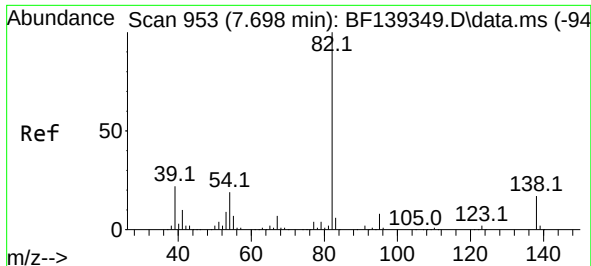
Tgt Ion:136 Resp: 302884
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 7.8 11.8
68 4.7 3.6 5.4



#23
Nitrobenzene-d5
Concen: 81.278 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Tgt Ion: 82 Resp: 523655
Ion Ratio Lower Upper
82 100
128 39.1 31.8 47.6
54 63.4 50.6 75.8

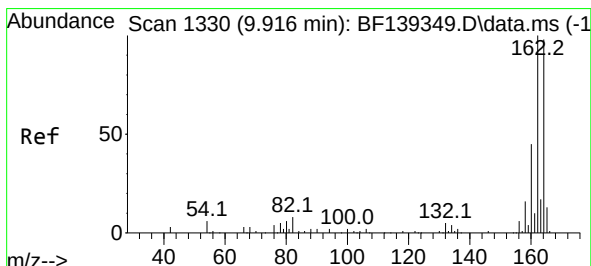
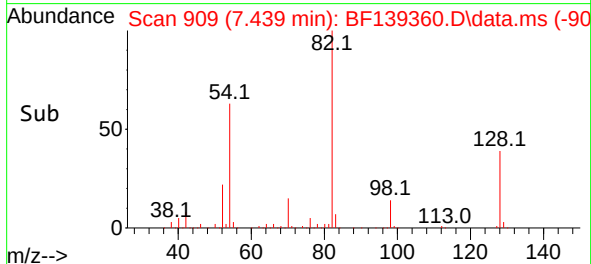
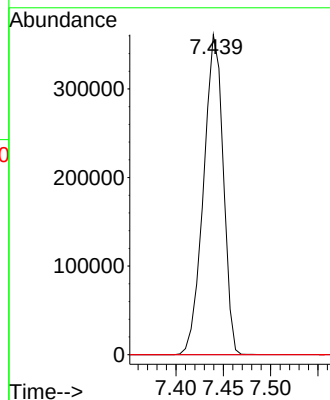
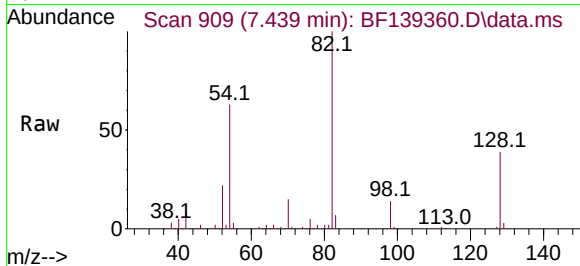




#25
Isophorone
Concen: 51.252 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

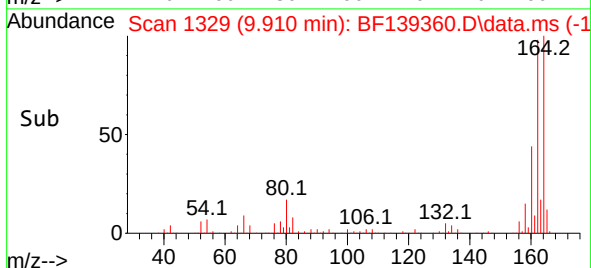
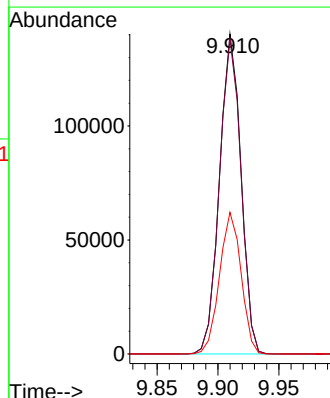
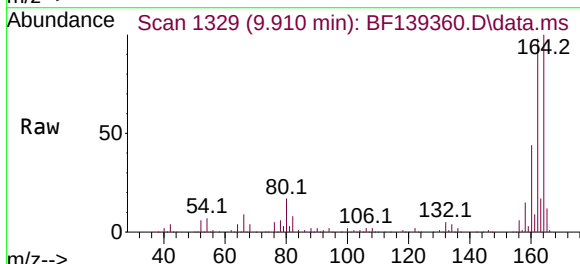
Instrument :
BNA_F
ClientSampleId :
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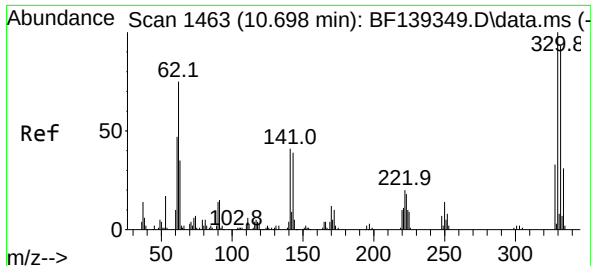
Tgt Ion: 82 Resp: 522223
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Tgt Ion:164 Resp: 172396
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 116.215 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139360.D

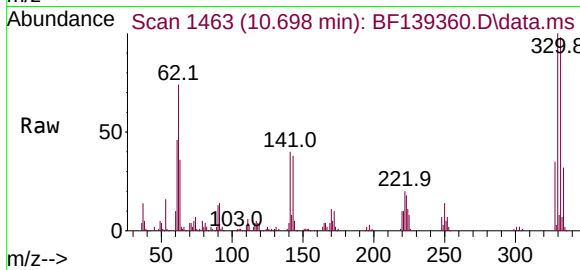
Acq: 14 Sep 2024 10:54

Instrument :

BNA_F

ClientSampleId :

PB163318BL



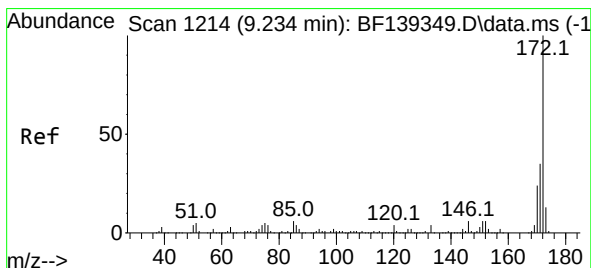
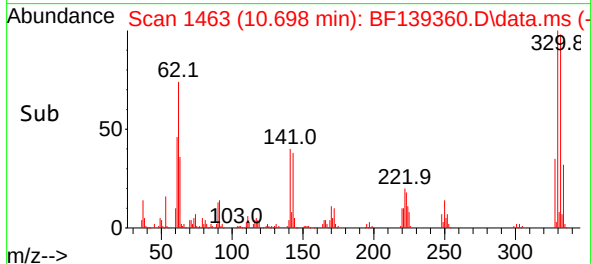
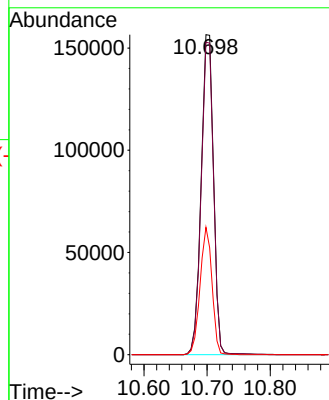
Tgt Ion:330 Resp: 213296

Ion Ratio Lower Upper

330 100

332 97.3 75.2 112.8

141 38.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 80.375 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139360.D

Acq: 14 Sep 2024 10:54

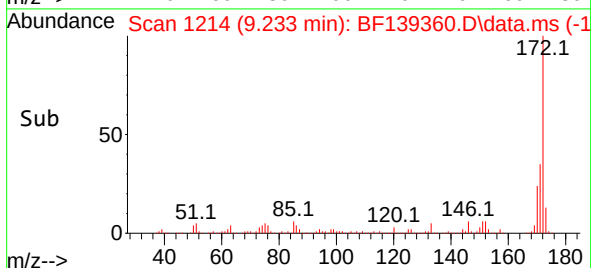
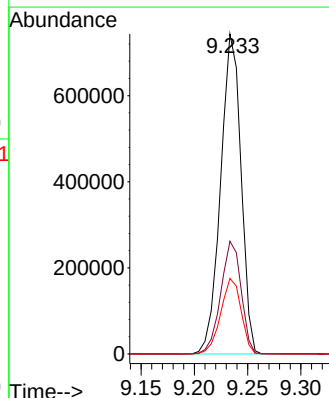
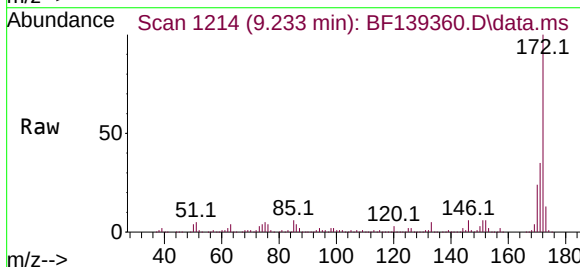
Tgt Ion:172 Resp: 987965

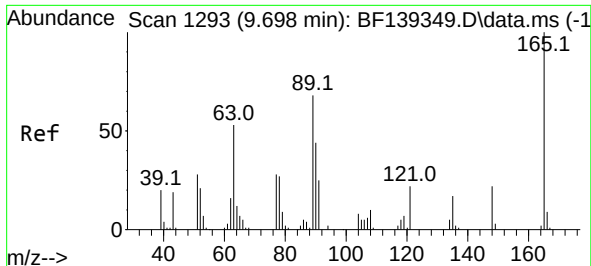
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.6

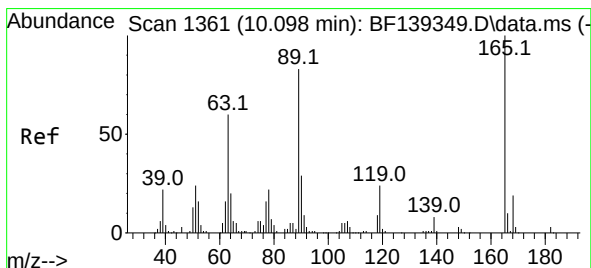
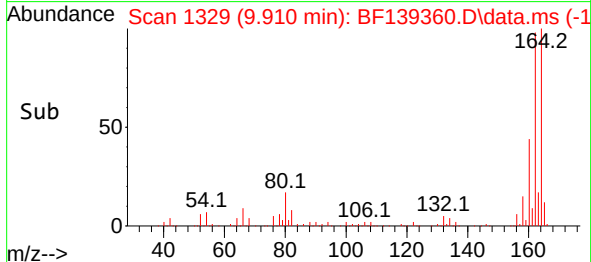
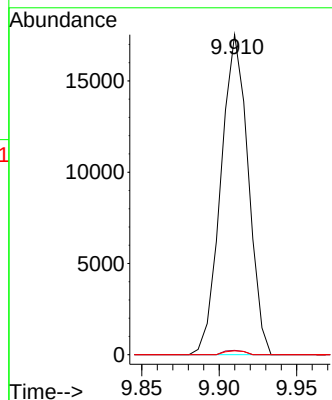
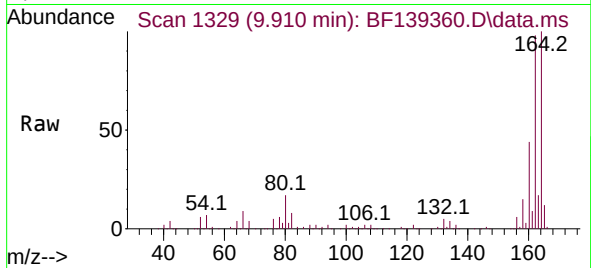




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

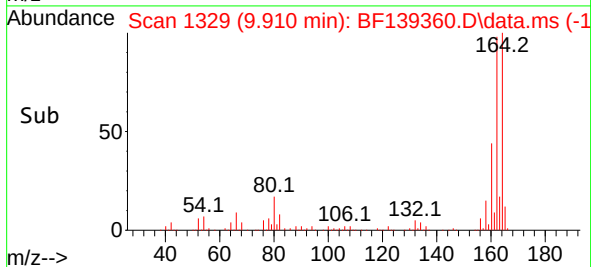
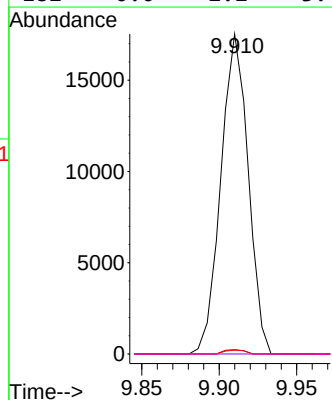
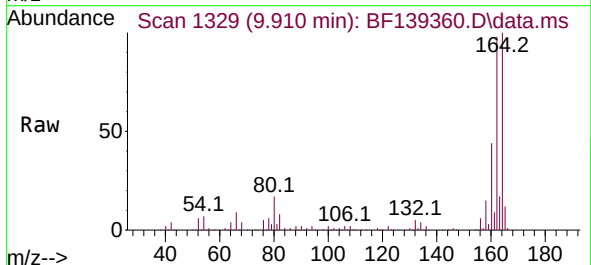
Instrument :
BNA_F
ClientSampleId :
PB163318BL

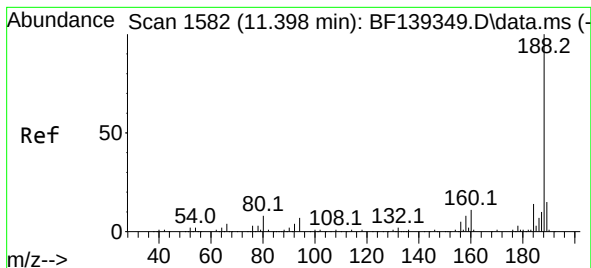
Tgt Ion:165 Resp: 21469
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.2 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.344 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Tgt Ion:165 Resp: 21469
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.2 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139360.D

Acq: 14 Sep 2024 10:54

Instrument :

BNA_F

ClientSampleId :

PB163318BL

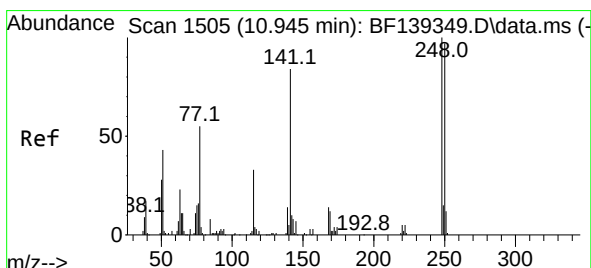
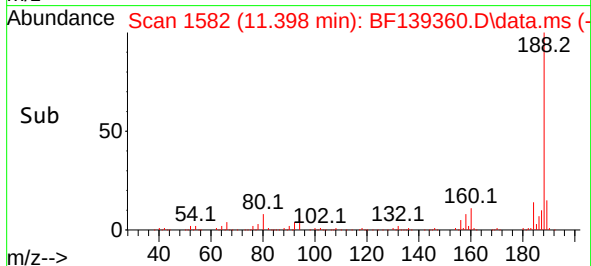
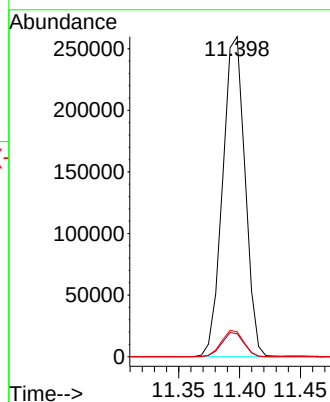
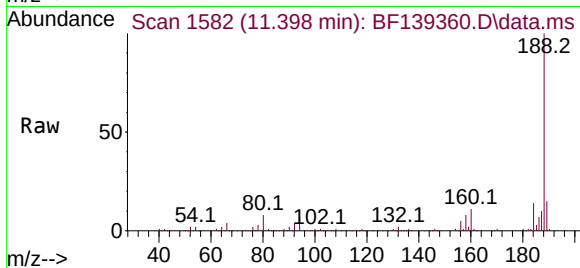
Tgt Ion:188 Resp: 332951

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

80 7.8 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.497 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139360.D

Acq: 14 Sep 2024 10:54

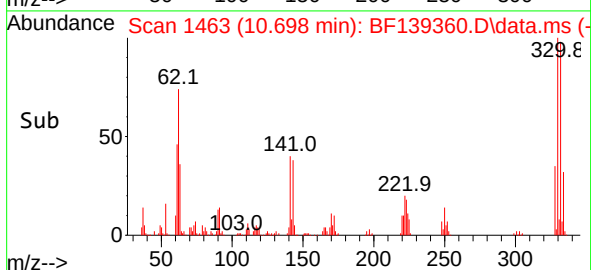
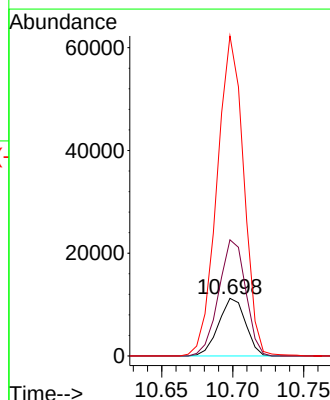
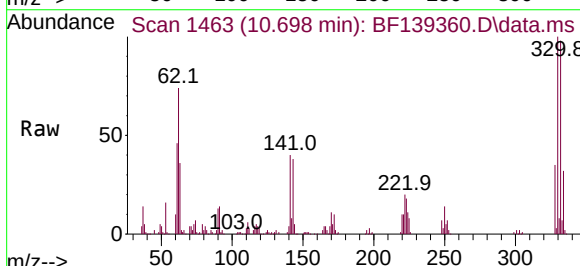
Tgt Ion:248 Resp: 14839

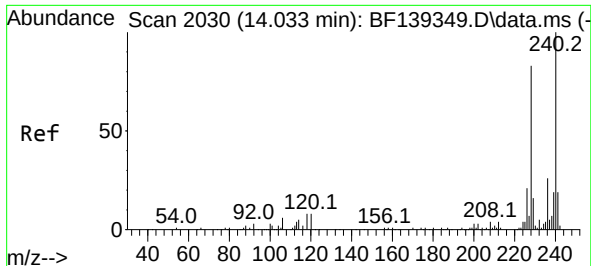
Ion Ratio Lower Upper

248 100

250 201.8 77.6 116.4#

141 555.9 66.9 100.3#

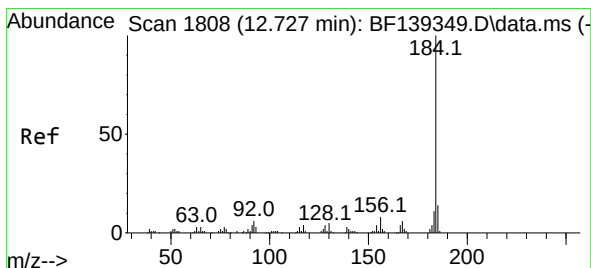
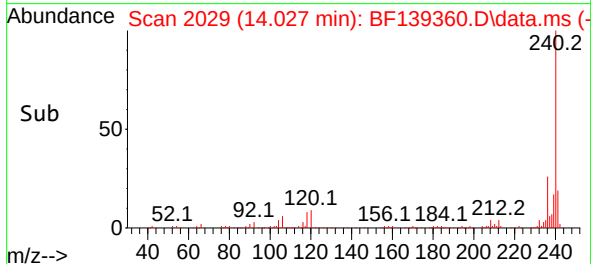
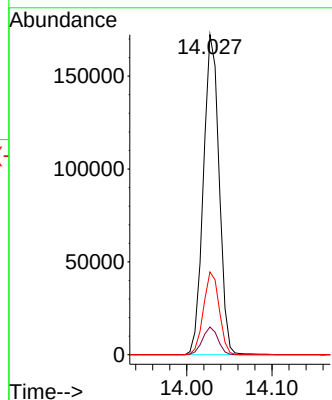
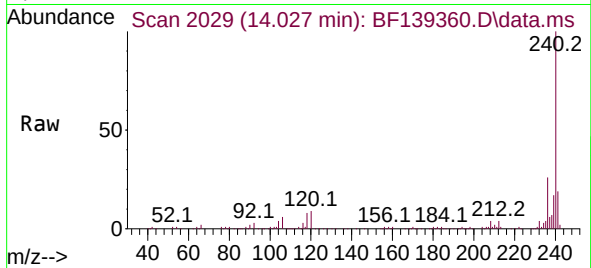




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

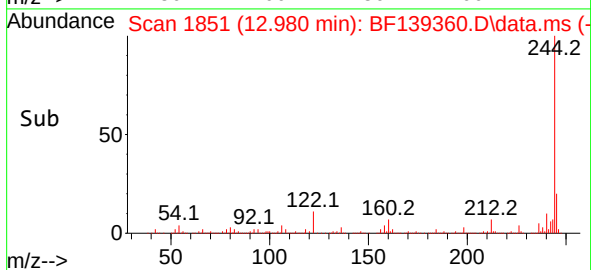
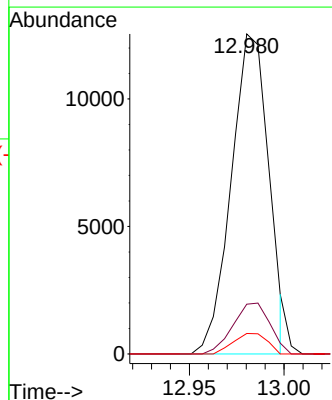
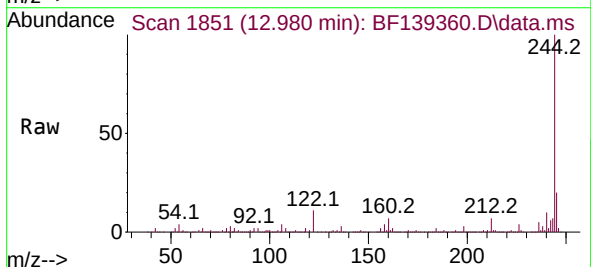
Instrument :
BNA_F
ClientSampleId :
PB163318BL

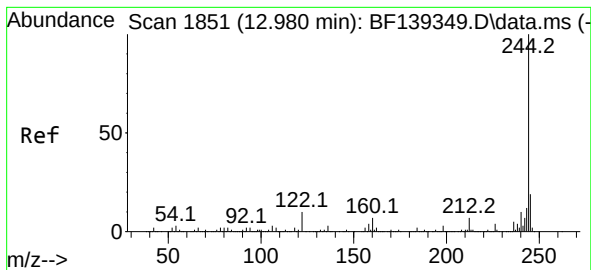
Tgt Ion:240 Resp: 220742
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 25.9 20.9 31.3



#77
Benzidine
Concen: 5.456 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139360.D
Acq: 14 Sep 2024 10:54

Tgt Ion:184 Resp: 17255
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 6.4 8.9 13.3#





#79

Terphenyl-d14

Concen: 86.596 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139360.D

Acq: 14 Sep 2024 10:54

Instrument :

BNA_F

ClientSampleId :

PB163318BL

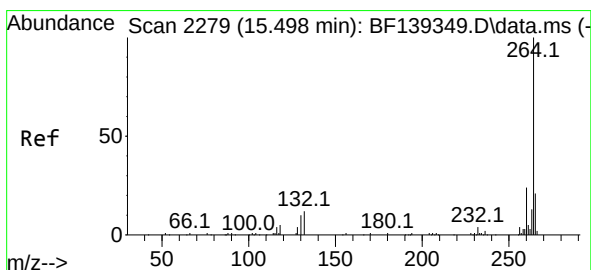
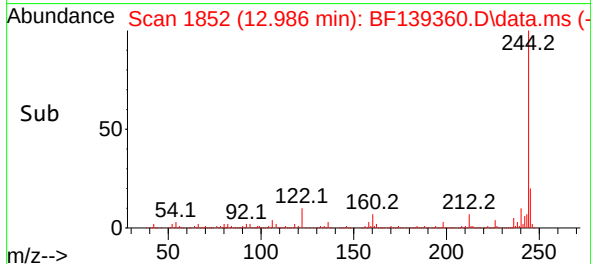
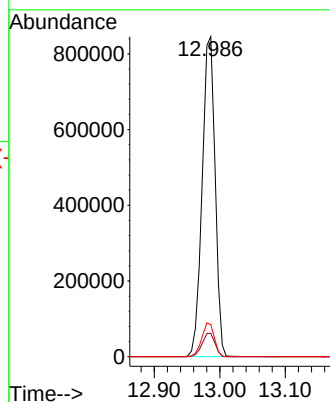
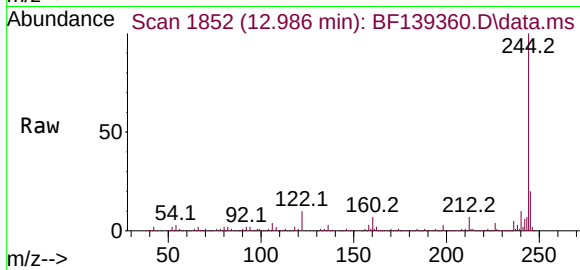
Tgt Ion:244 Resp: 1164584

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139360.D

Acq: 14 Sep 2024 10:54

Tgt Ion:264 Resp: 184482

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.1 16.6 25.0

