

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139369.D
 Acq On : 14 Sep 2024 15:42
 Operator : RC/JU
 Sample : P3932-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1

Quant Time: Sep 16 01:56:16 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)

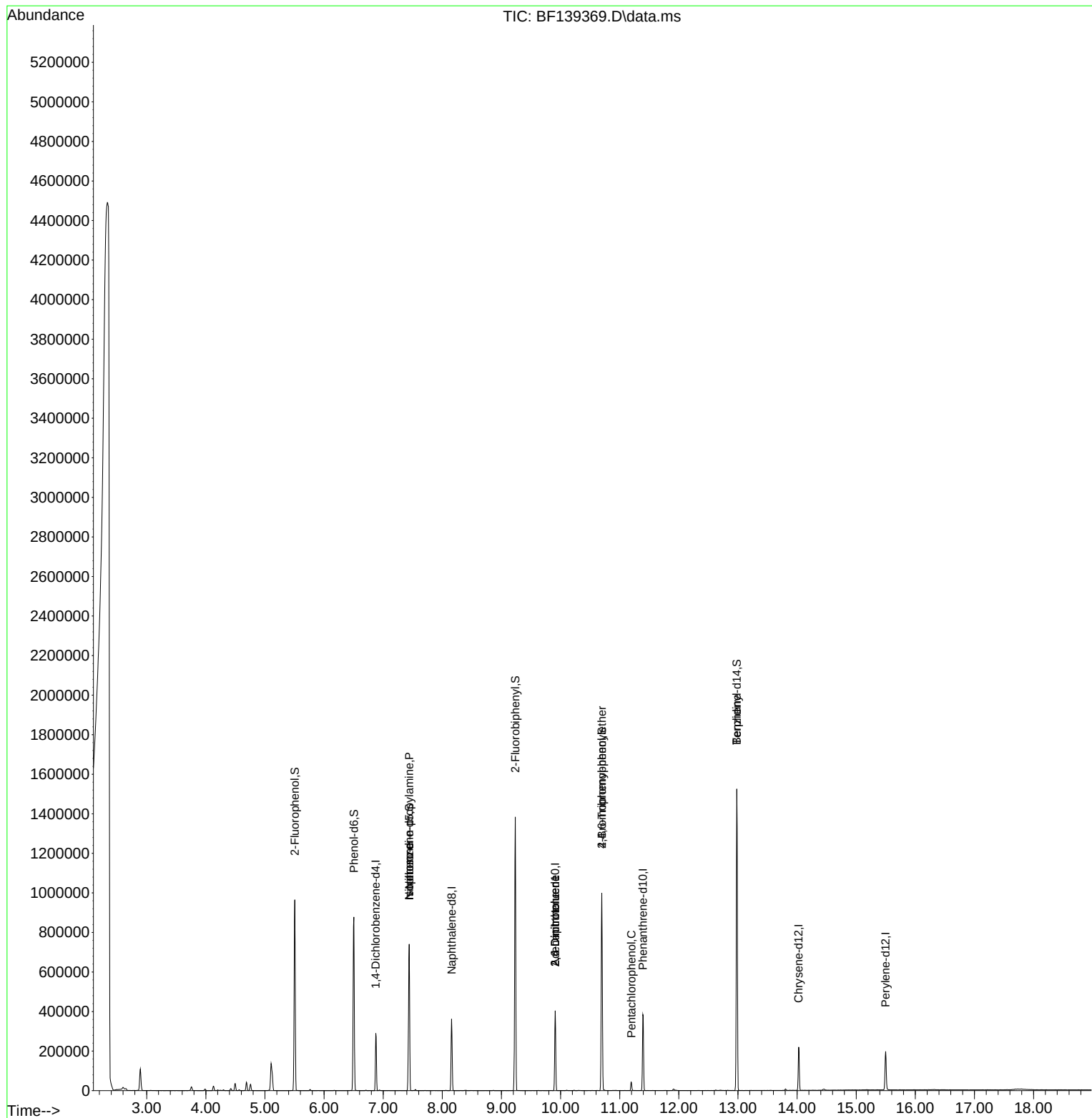
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	55328	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	204428	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	113095	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	205559	20.000	ng	0.00
76) Chrysene-d12	14.027	240	102310	20.000	ng	0.00
86) Perylene-d12	15.498	264	113614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	305130	89.968	ng	0.01
7) Phenol-d6	6.504	99	360718	81.030	ng	0.00
23) Nitrobenzene-d5	7.439	82	310211	71.338	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	145987	121.248	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	572044	70.941	ng	0.00
79) Terphenyl-d14	12.980	244	718230	115.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	45110	17.100	ng	# 76
25) Isophorone	7.439	82	309208	44.962	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14204	8.638	ng	# 16
57) 2,4-Dinitrotoluene	9.910	165	14204	6.398	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	9881	4.851	ng	# 1
70) Pentachlorophenol	11.198	266	6855	4.779	ng	99
77) Benzidine	12.980	184	11416	7.788	ng	# 94

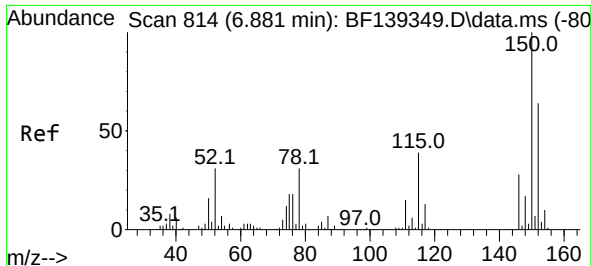
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139369.D
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Misc :
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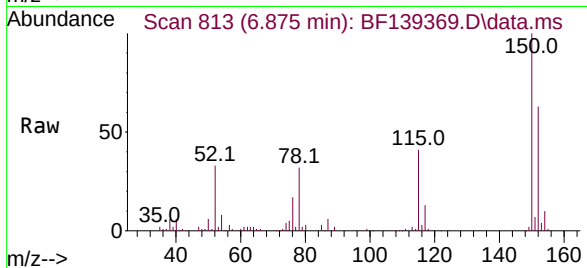
Quant Time: Sep 16 01:56:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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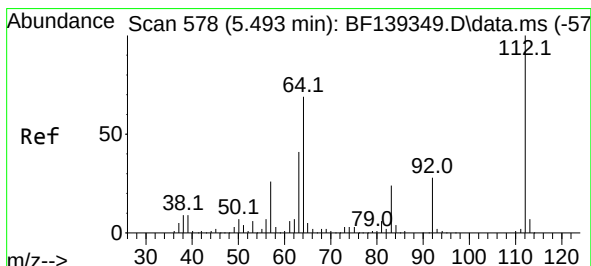
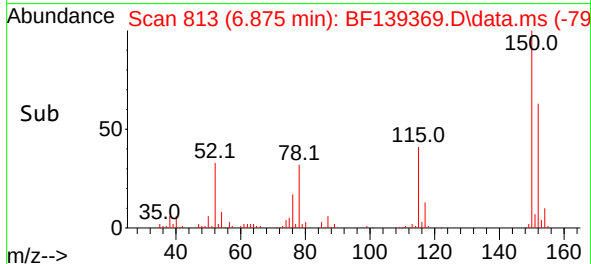
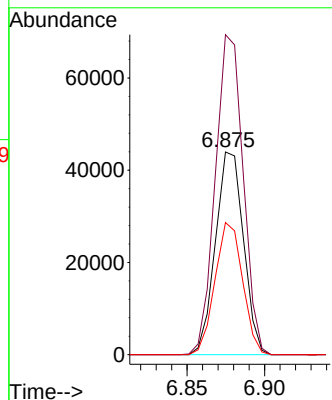


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Instrument :
BNA_F
ClientSampleId :
FM1

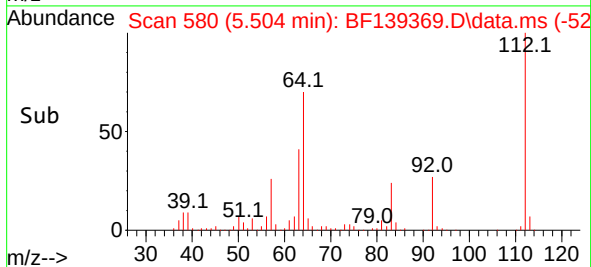
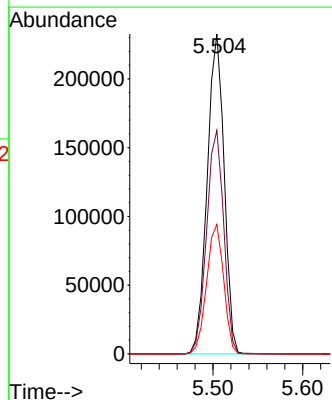
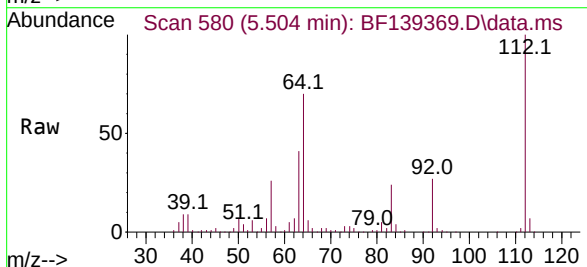


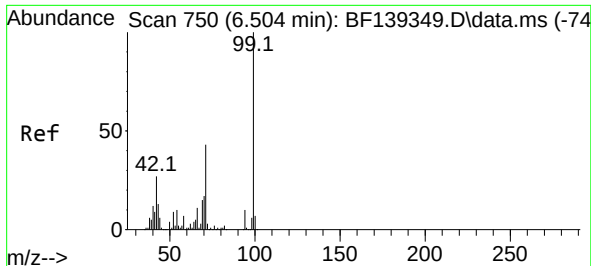
Tgt Ion:152 Resp: 55328
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 65.2 48.1 72.1



#5
2-Fluorophenol
Concen: 89.968 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion:112 Resp: 305130
Ion Ratio Lower Upper
112 100
64 69.8 54.8 82.2
63 40.5 33.0 49.4

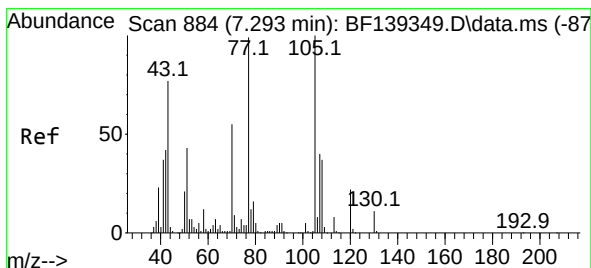
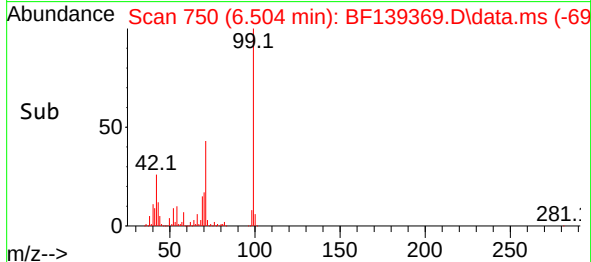
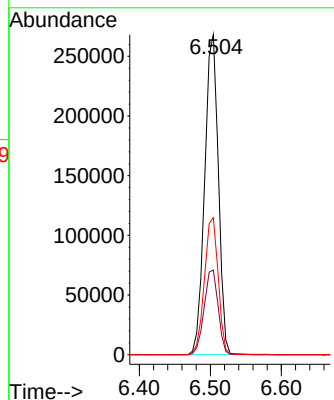
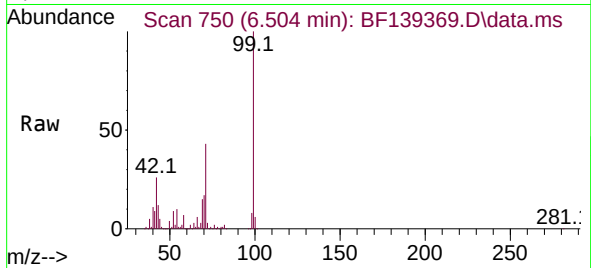




#7
Phenol-d6
Concen: 81.030 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

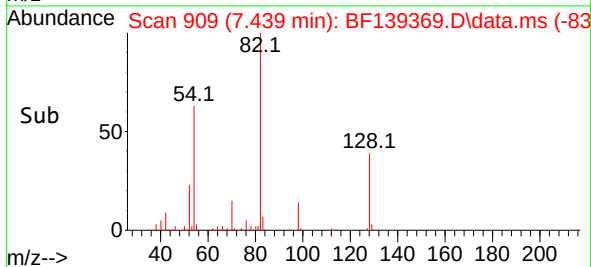
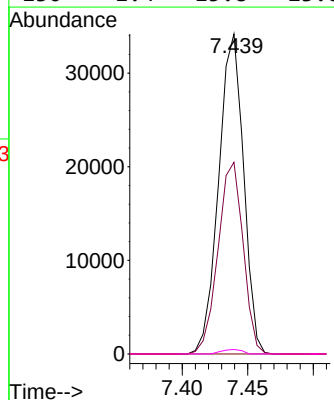
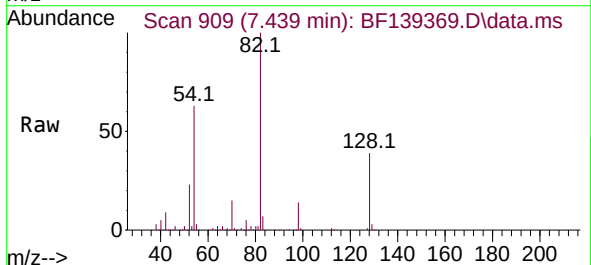
Instrument :
BNA_F
ClientSampleId :
FM1

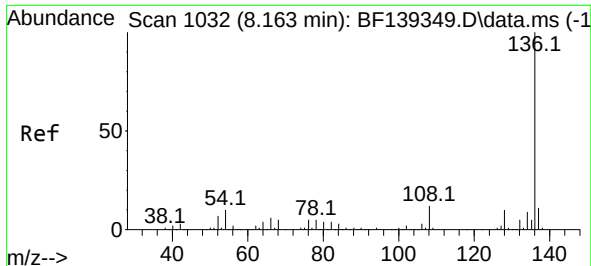
Tgt Ion: 99 Resp: 360718
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 42.8 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.100 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion: 70 Resp: 45110
Ion Ratio Lower Upper
70 100
42 59.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.4 15.8 23.8#

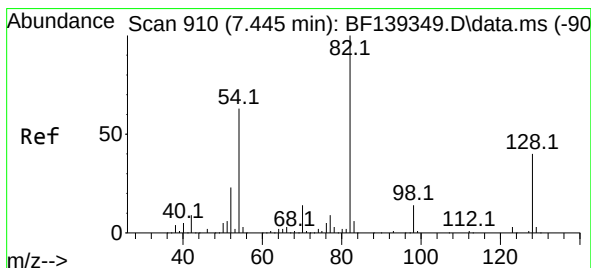
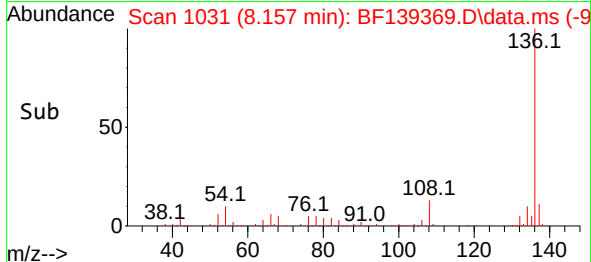
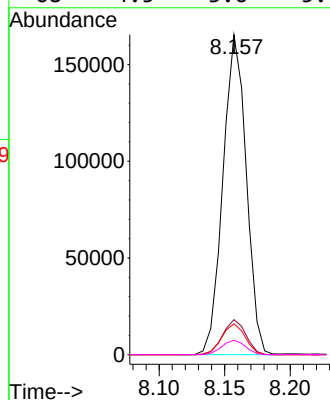
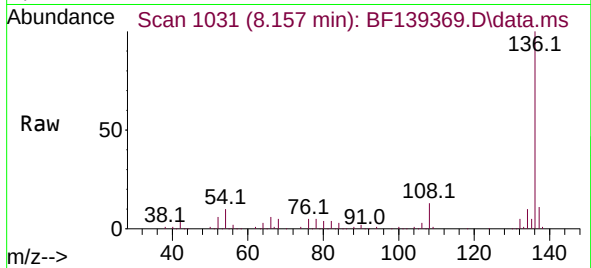




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

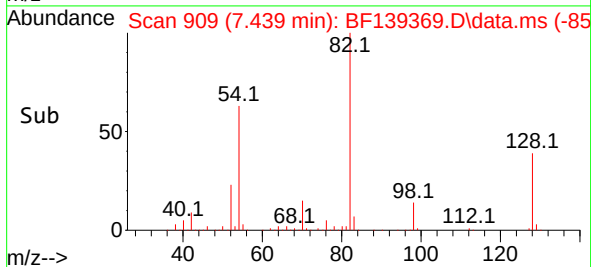
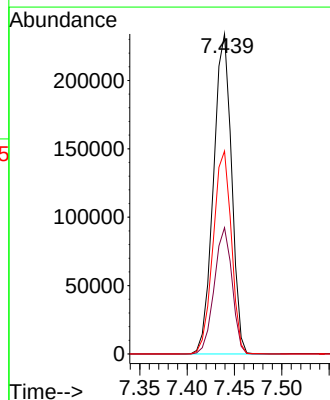
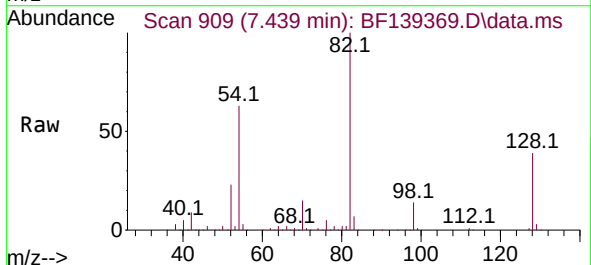
Instrument :
BNA_F
ClientSampleId :
FM1

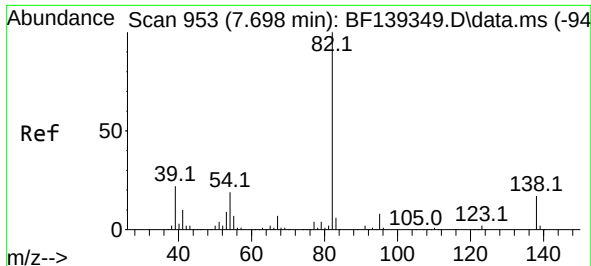
Tgt Ion:136	Resp: 204428
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 9.7	7.8 11.8
68 4.5	3.6 5.4



#23
Nitrobenzene-d5
Concen: 71.338 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion: 82	Resp: 310211
Ion Ratio	Lower Upper
82 100	
128 39.5	31.8 47.6
54 63.4	50.6 75.8

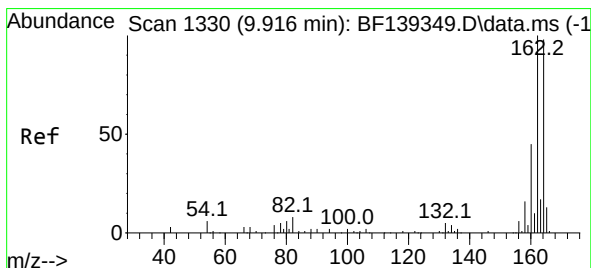
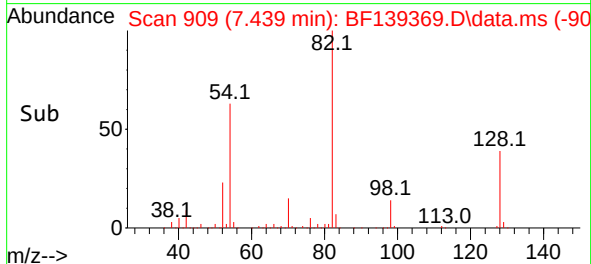
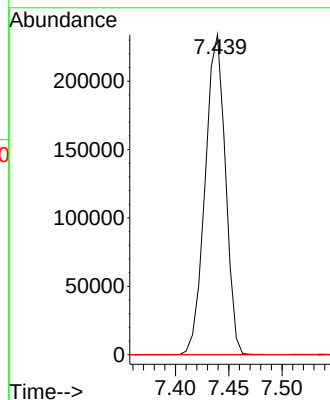
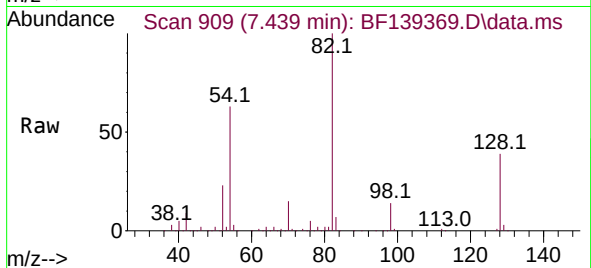




#25
Isophorone
Concen: 44.962 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

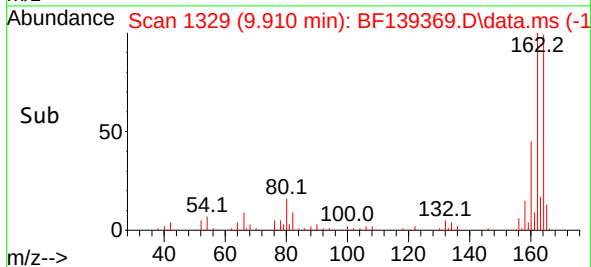
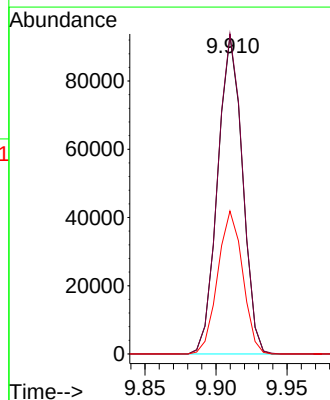
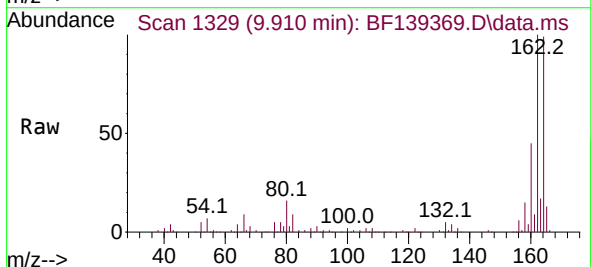
Instrument :
BNA_F
ClientSampleId :
FM1

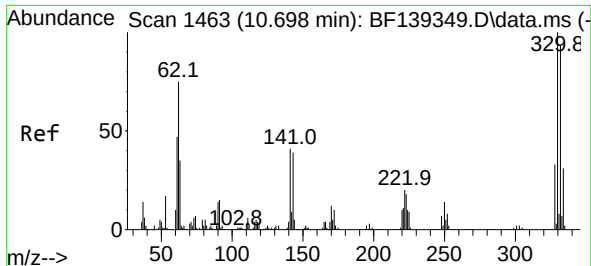
Tgt Ion: 82 Resp: 309208
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139369.D
Acq: 14 Sep 2024 15:42

Tgt Ion:164 Resp: 113095
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 121.248 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

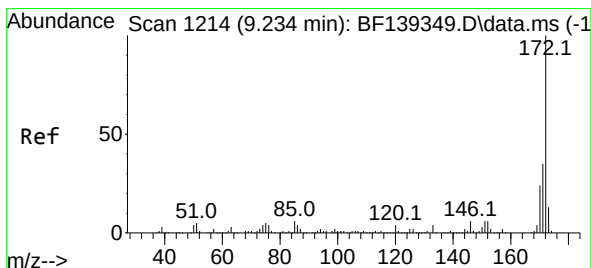
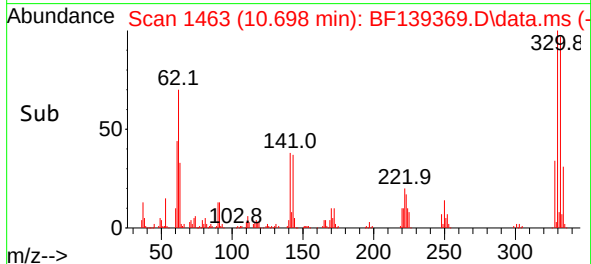
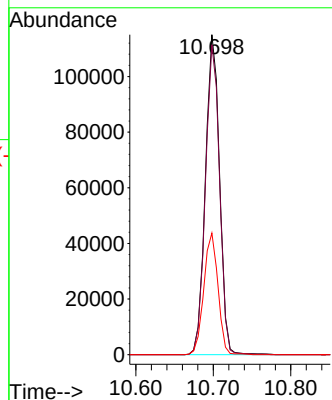
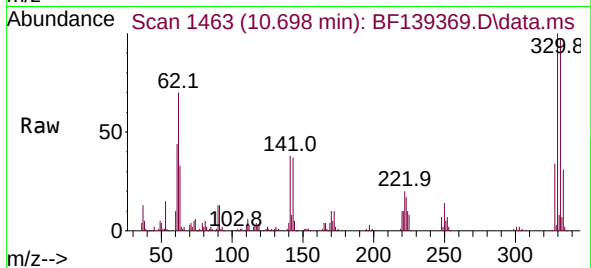
Tgt Ion:330 Resp: 145987

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 38.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.941 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

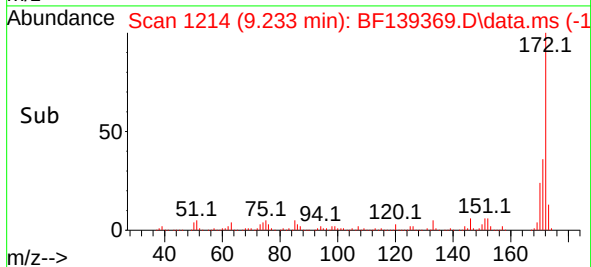
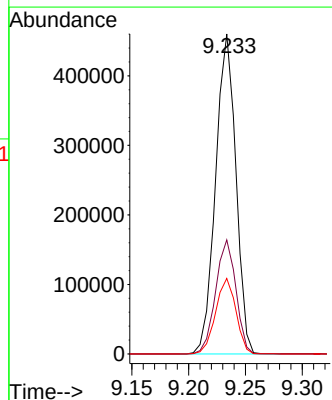
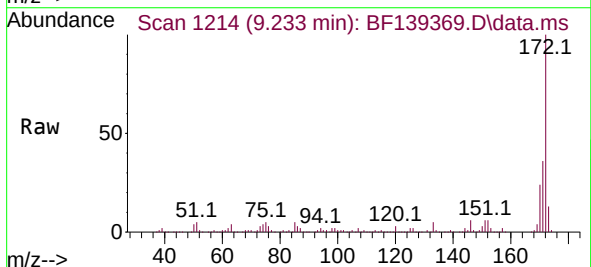
Tgt Ion:172 Resp: 572044

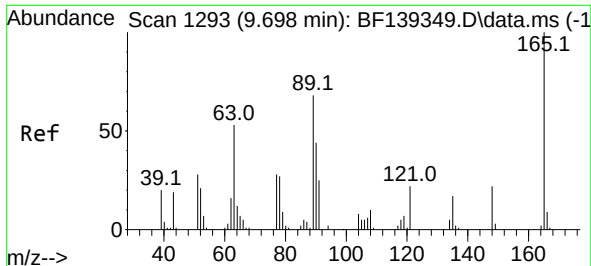
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.638 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

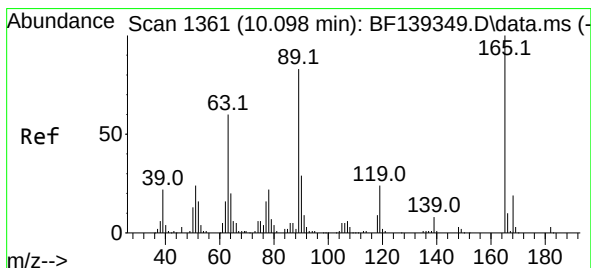
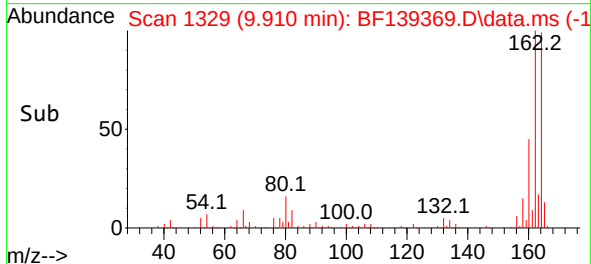
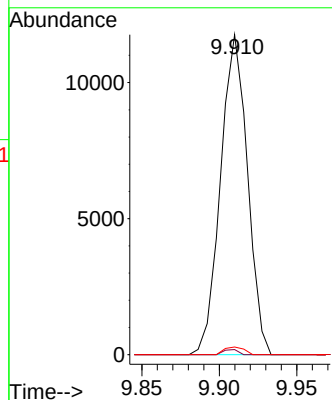
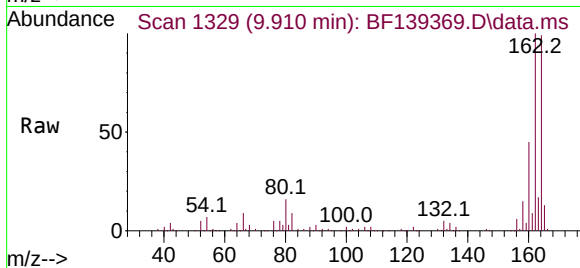
Tgt Ion:165 Resp: 14204

Ion Ratio Lower Upper

165 100

63 1.6 60.9 91.3#

89 2.4 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.398 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Tgt Ion:165 Resp: 14204

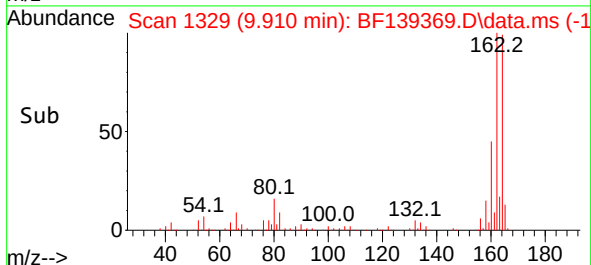
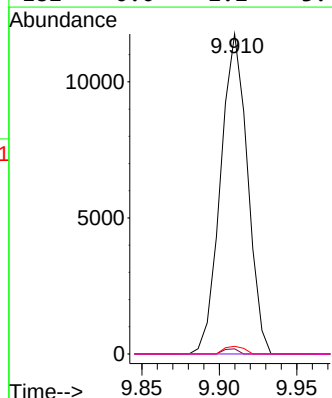
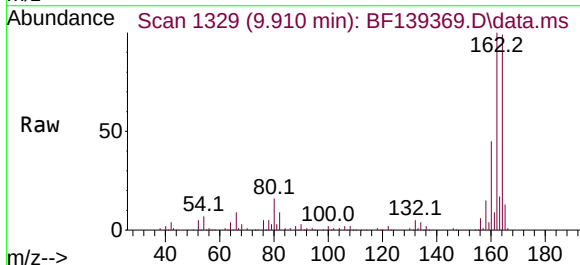
Ion Ratio Lower Upper

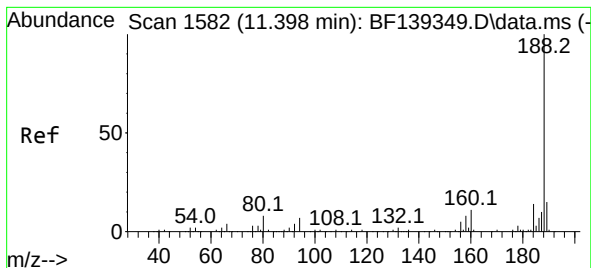
165 100

63 1.6 47.8 71.6#

89 2.4 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: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

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FM1

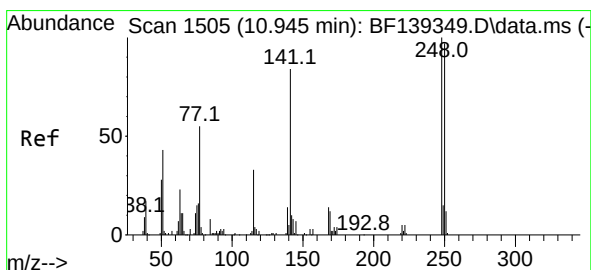
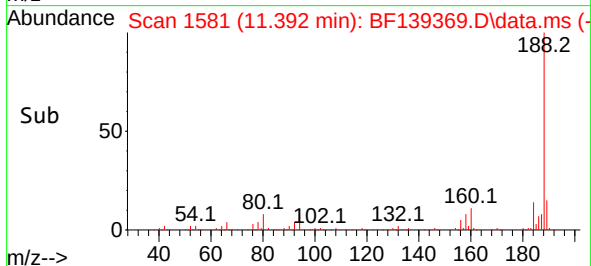
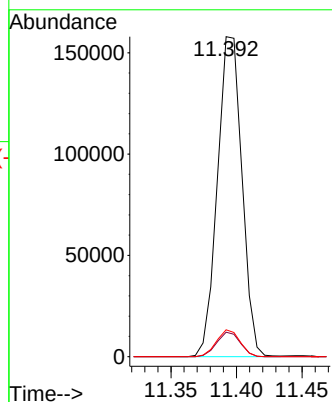
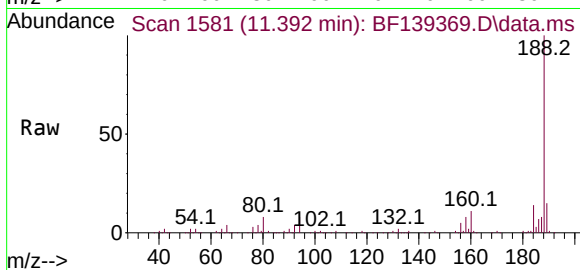
Tgt Ion:188 Resp: 205559

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.4 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.851 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

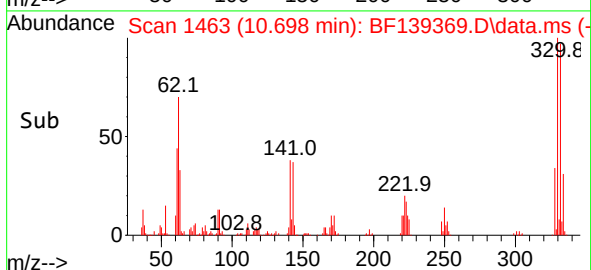
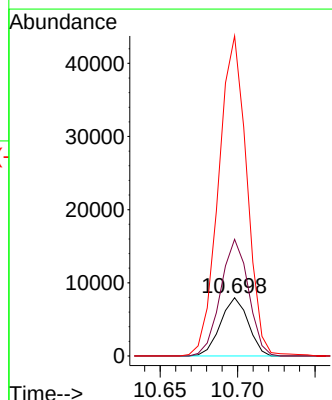
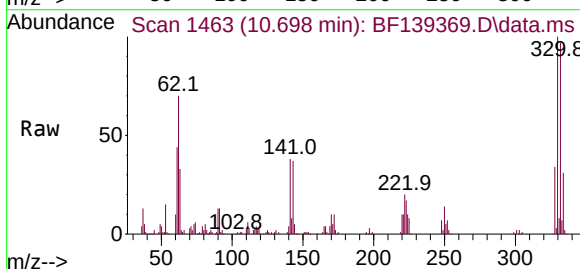
Tgt Ion:248 Resp: 9881

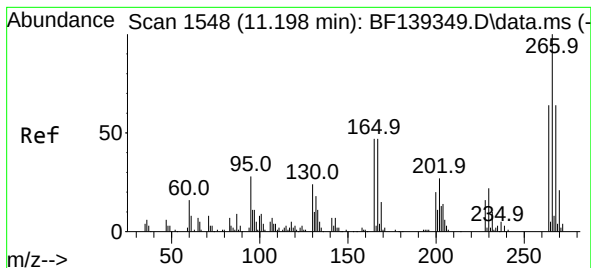
Ion Ratio Lower Upper

248 100

250 200.5 77.6 116.4#

141 549.6 66.9 100.3#





#70

Pentachlorophenol

Concen: 4.779 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

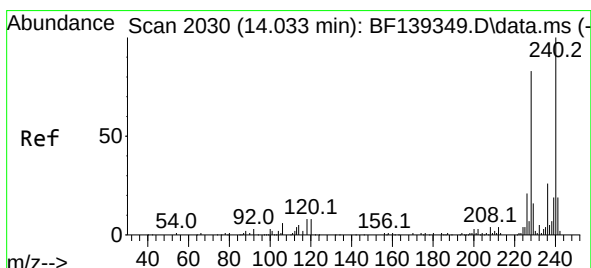
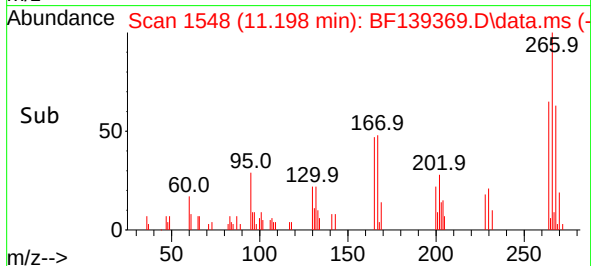
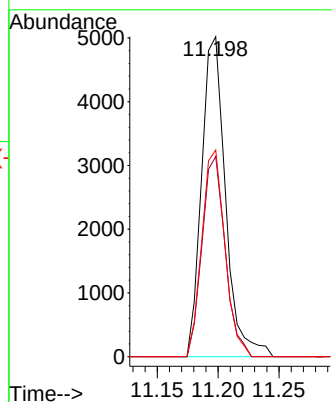
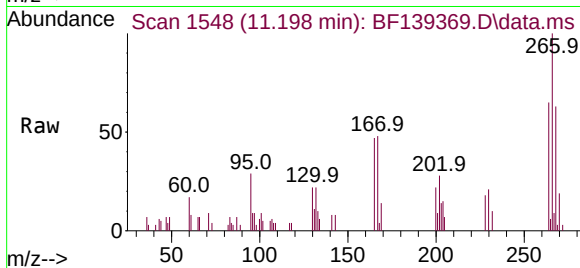
Tgt Ion:266 Resp: 6855

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

264 64.6 51.4 77.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

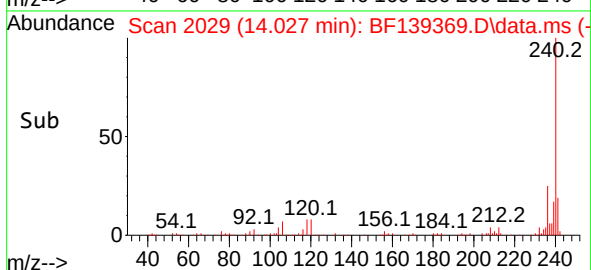
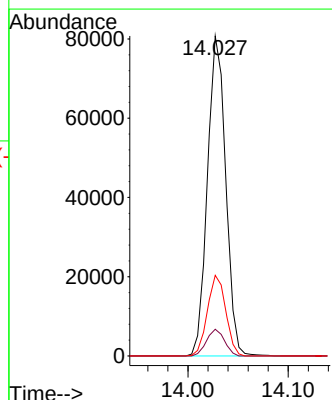
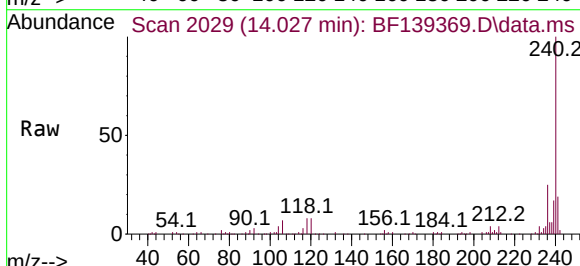
Tgt Ion:240 Resp: 102310

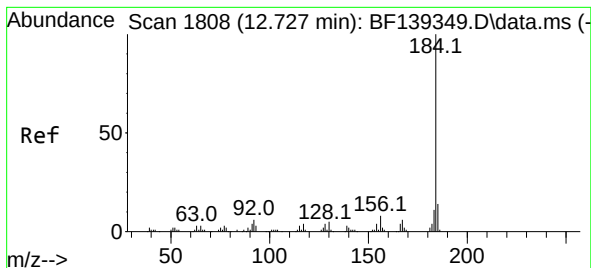
Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 25.2 20.9 31.3





#77

Benzidine

Concen: 7.788 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

Instrument :

BNA_F

ClientSampleId :

FM1

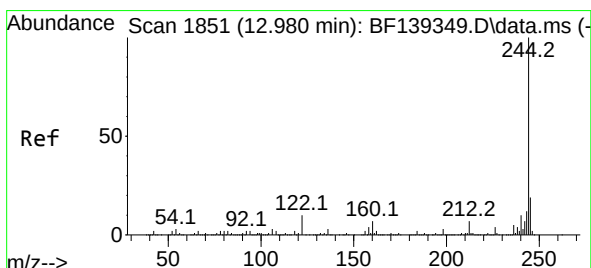
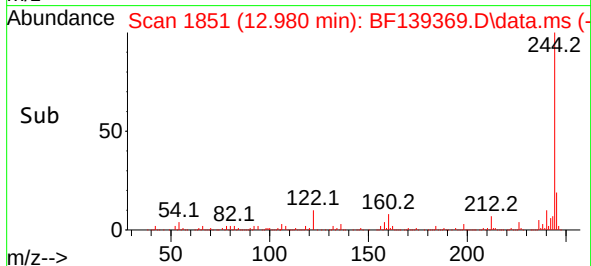
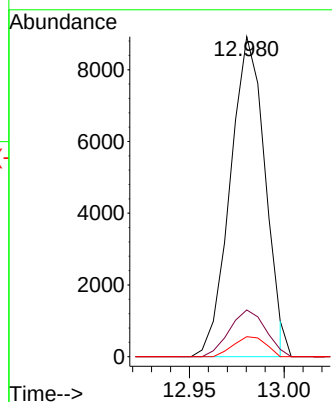
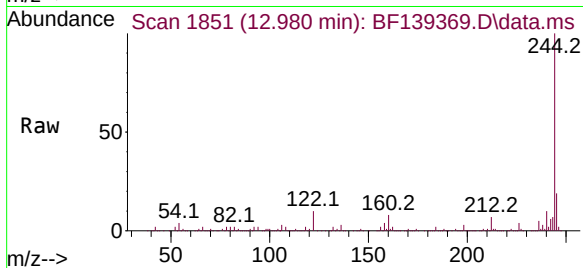
Tgt Ion:184 Resp: 11416

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 6.3 8.9 13.3#



#79

Terphenyl-d14

Concen: 115.228 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139369.D

Acq: 14 Sep 2024 15:42

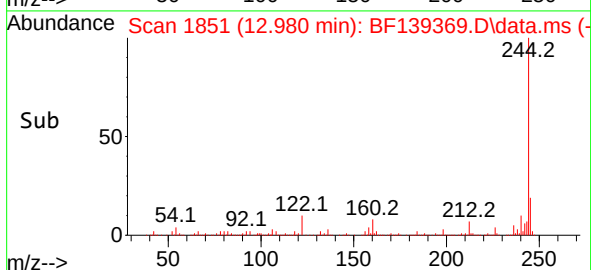
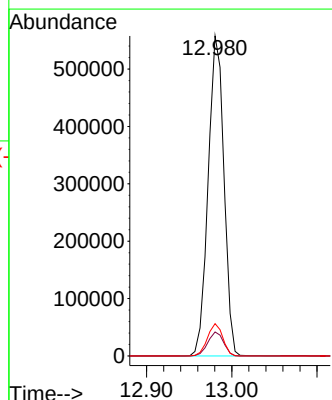
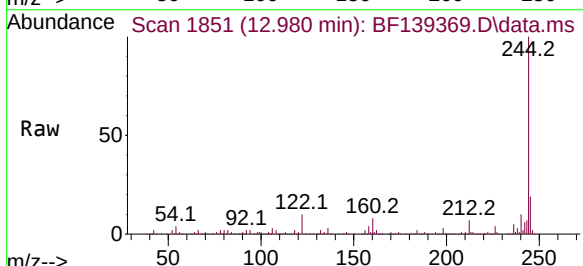
Tgt Ion:244 Resp: 718230

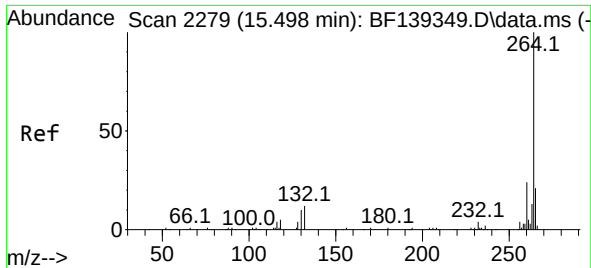
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

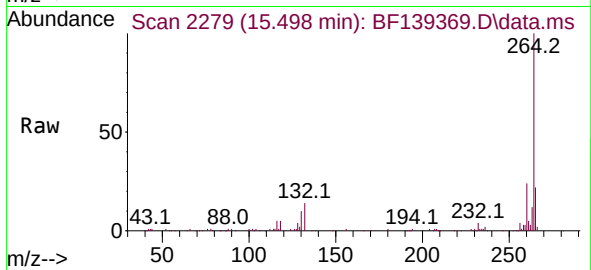
122 10.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139369.D
 Acq: 14 Sep 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 FM1



Tgt Ion:264 Resp: 113614
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.5 16.6 25.0

