

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139396.D
 Acq On : 17 Sep 2024 12:05
 Operator : RC/JU
 Sample : PB163358TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163358TB

Quant Time: Sep 17 12:28:38 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)

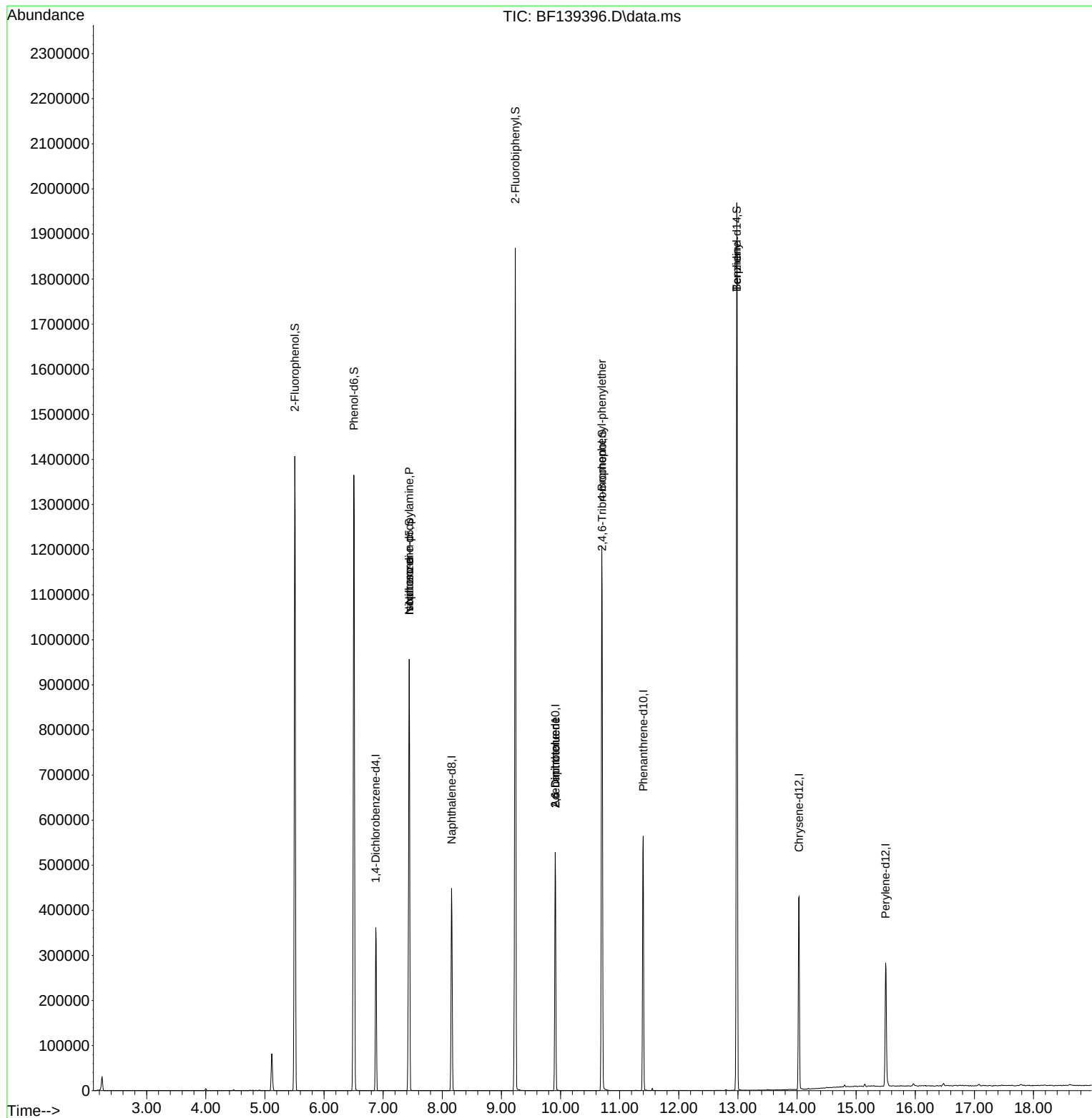
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69033	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264747	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	154637	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	296959	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207580	20.000	ng	0.00
86) Perylene-d12	15.498	264	164796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	462106	109.202	ng	0.01
7) Phenol-d6	6.504	99	604783	108.885	ng	0.00
23) Nitrobenzene-d5	7.440	82	420628	74.691	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	183992	111.761	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	806255	73.125	ng	0.00
79) Terphenyl-d14	12.980	244	952496	75.316	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	59447	18.061	ng	Qvalue 76
25) Isophorone	7.440	82	419471	47.098	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19599	8.717	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19599	6.456	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	12566	4.270	ng	# 1
77) Benzidine	12.980	184	13813	4.645	ng	# 92

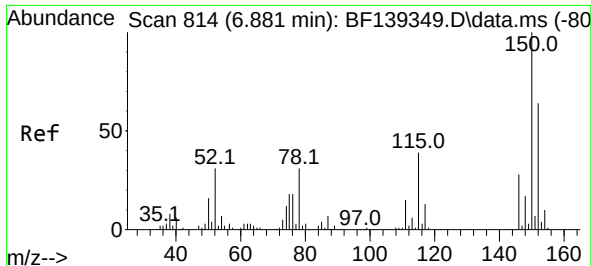
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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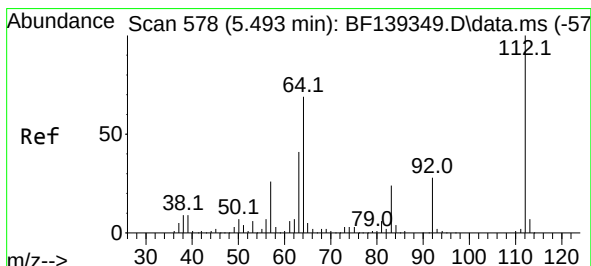
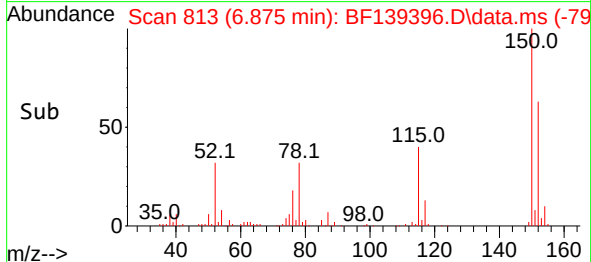
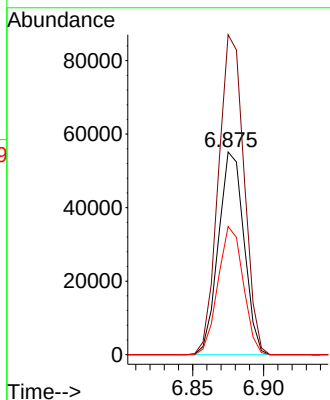
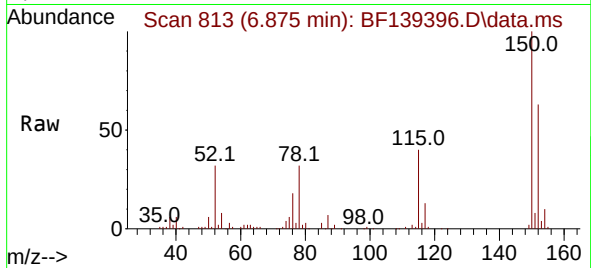




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

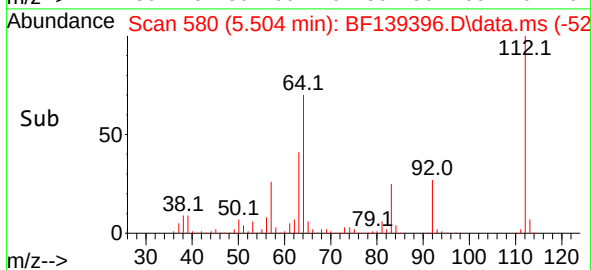
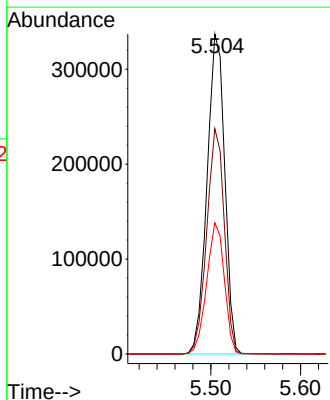
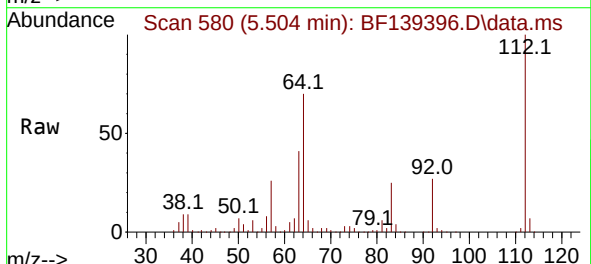
Instrument :
BNA_F
ClientSampleId :
PB163358TB

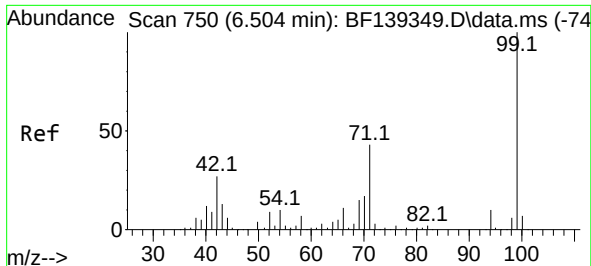
Tgt Ion:152 Resp: 69033
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 63.2 48.1 72.1



#5
2-Fluorophenol
Concen: 109.202 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

Tgt Ion:112 Resp: 462106
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 41.0 33.0 49.4

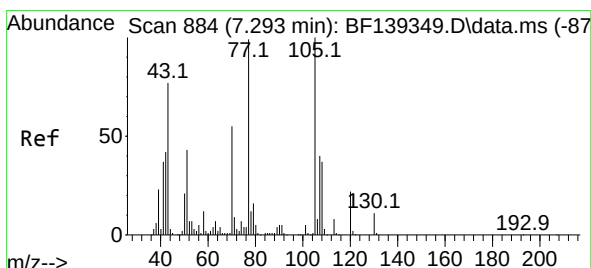
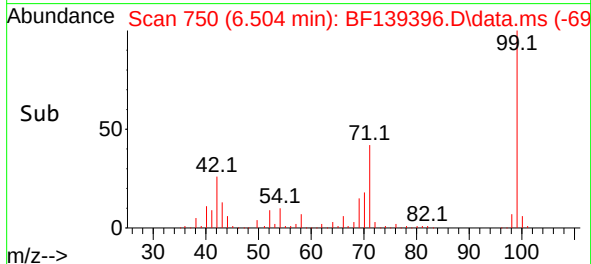
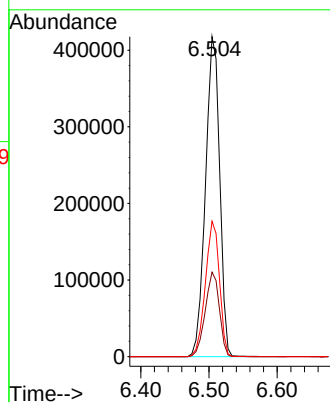
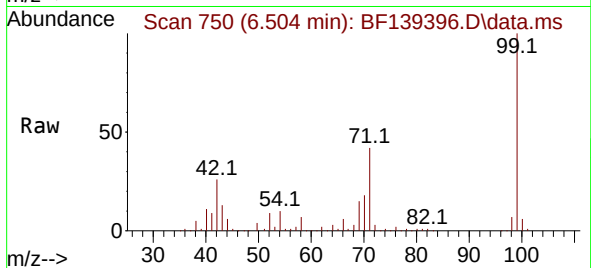




#7
Phenol-d6
Concen: 108.885 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

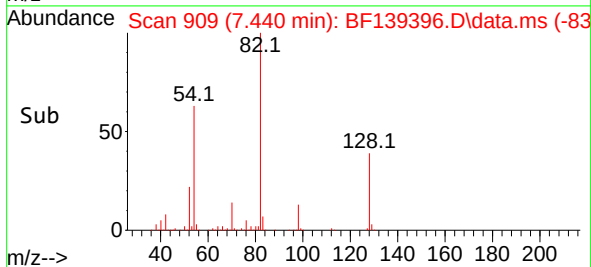
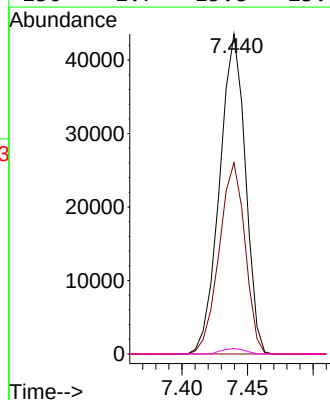
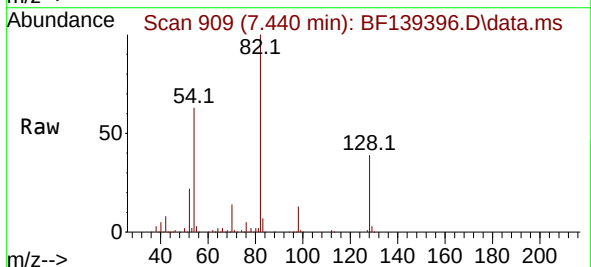
Instrument :
BNA_F
ClientSampleId :
PB163358TB

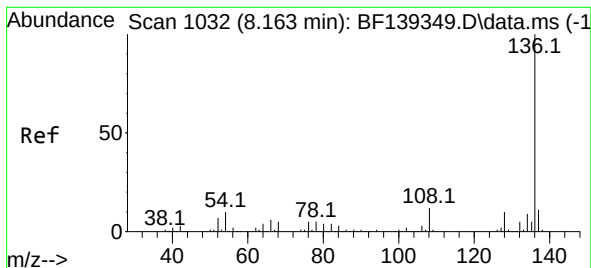
Tgt Ion: 99 Resp: 604783
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 42.3 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.061 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

Tgt Ion: 70 Resp: 59447
Ion Ratio Lower Upper
70 100
42 59.7 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 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: BF139396.D

Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB

Tgt Ion:136 Resp: 264747

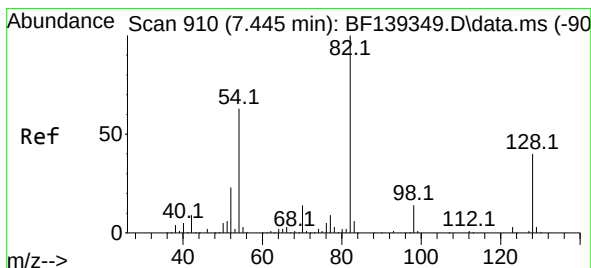
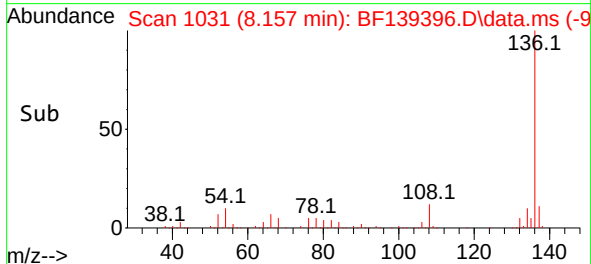
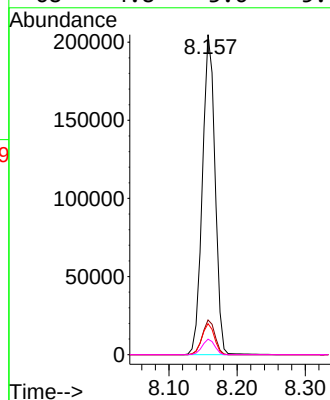
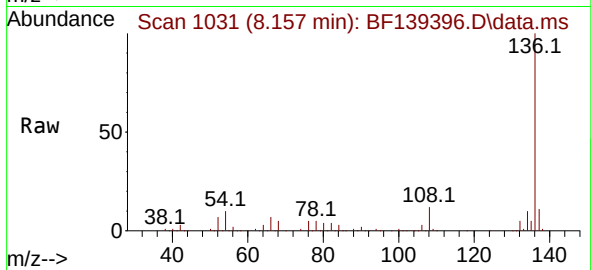
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.7 7.8 11.8

68 4.8 3.6 5.4



#23

Nitrobenzene-d5

Concen: 74.691 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

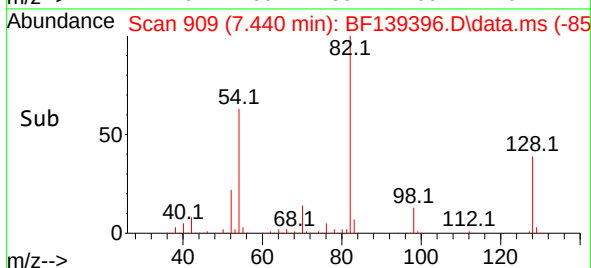
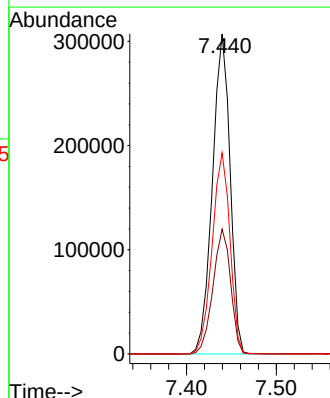
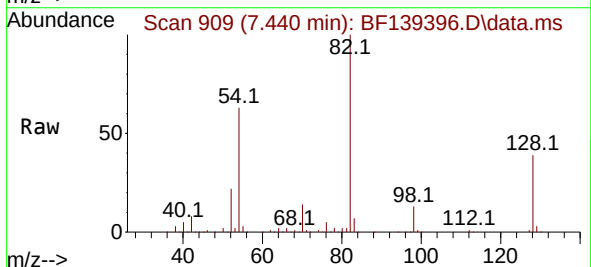
Tgt Ion: 82 Resp: 420628

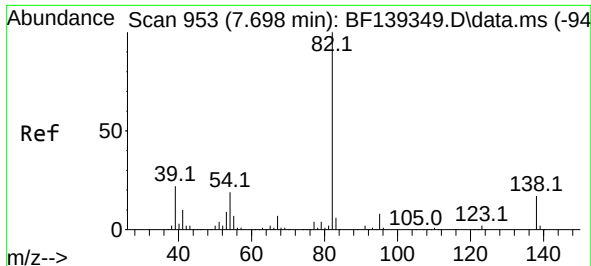
Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 62.9 50.6 75.8

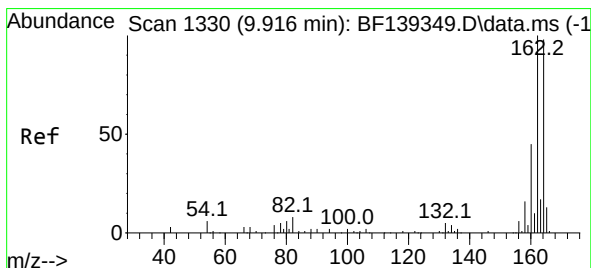
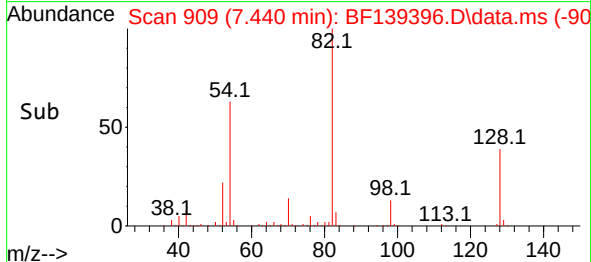
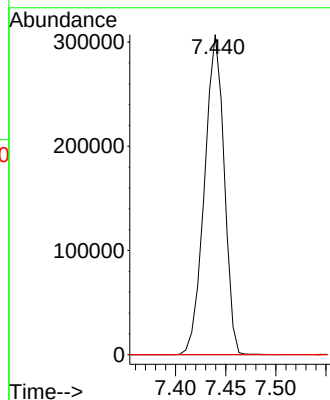
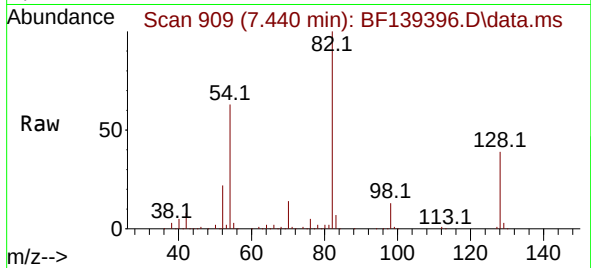




#25
Isophorone
Concen: 47.098 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

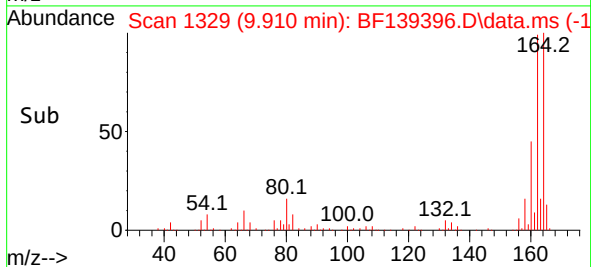
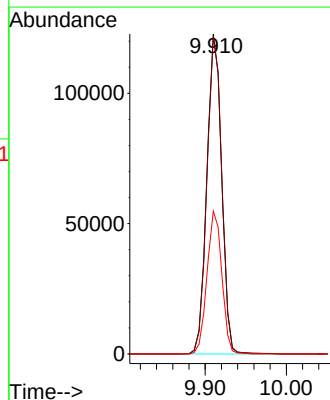
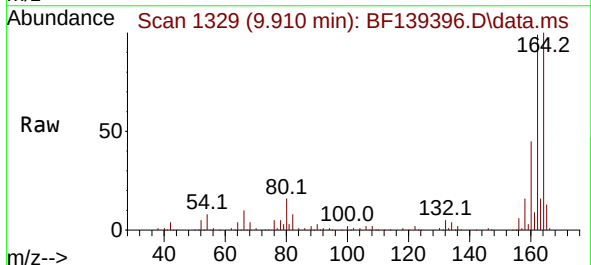
Instrument :
BNA_F
ClientSampleId :
PB163358TB

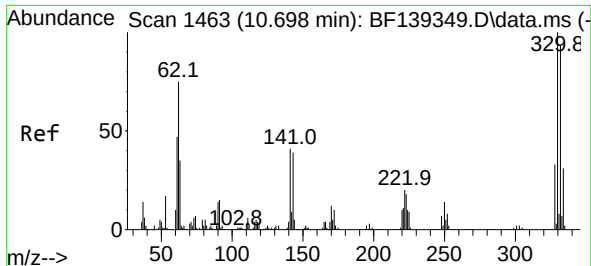
Tgt Ion: 82 Resp: 419471
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

Tgt Ion:164 Resp: 154637
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 111.761 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB

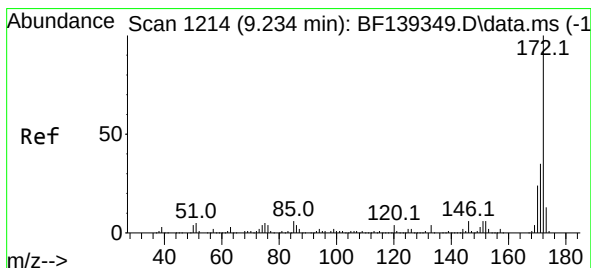
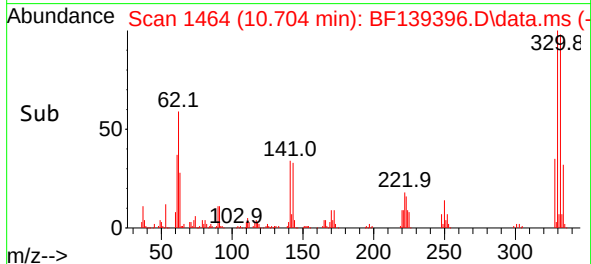
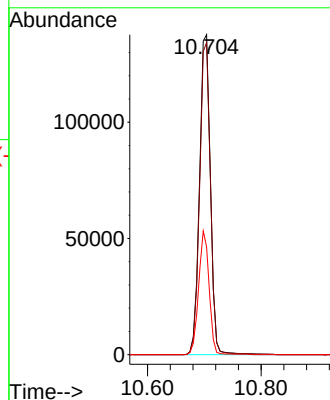
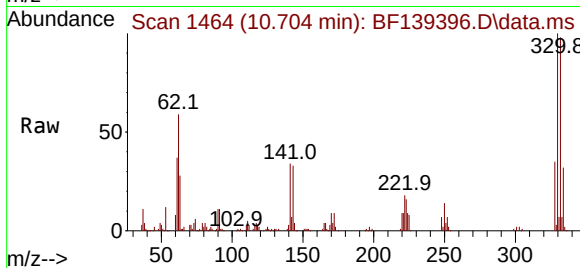
Tgt Ion:330 Resp: 183992

Ion Ratio Lower Upper

330 100

332 96.7 75.2 112.8

141 37.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 73.125 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

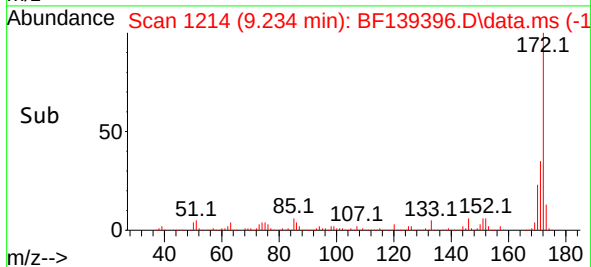
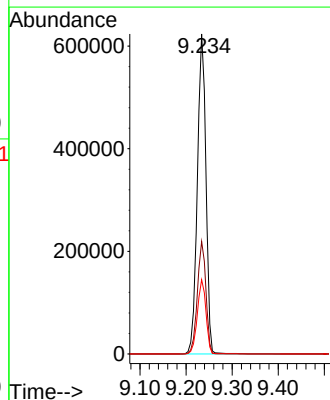
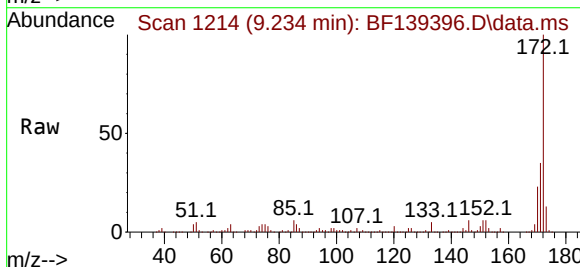
Tgt Ion:172 Resp: 806255

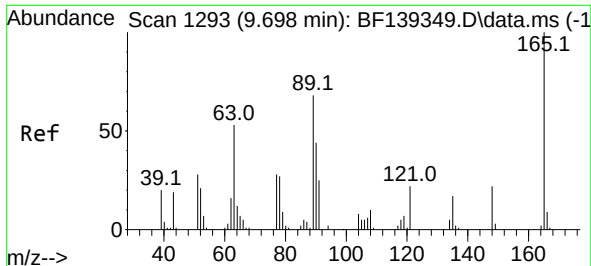
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.0 28.6

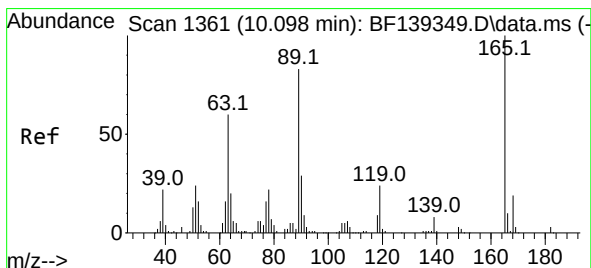
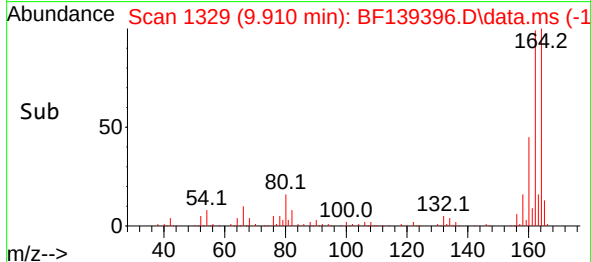
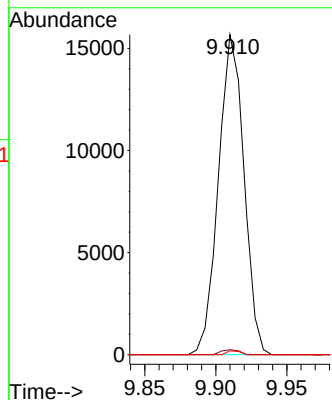
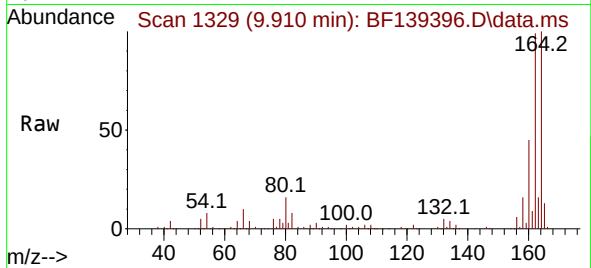




#51
2,6-Dinitrotoluene
Concen: 8.717 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

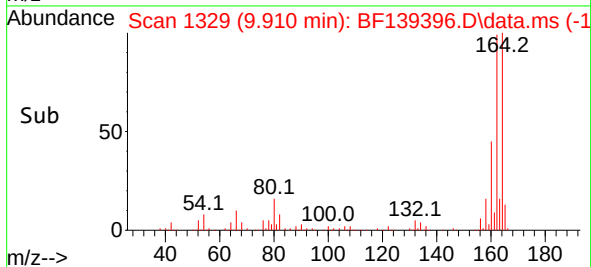
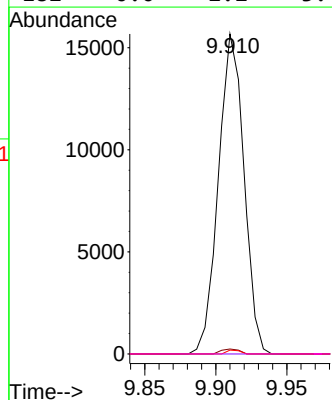
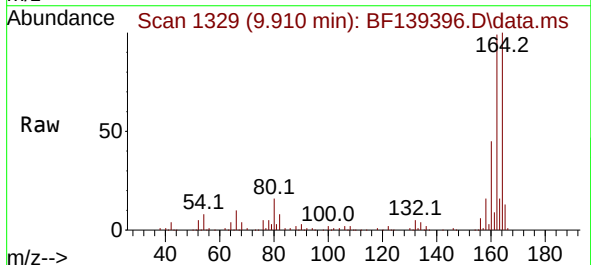
Instrument :
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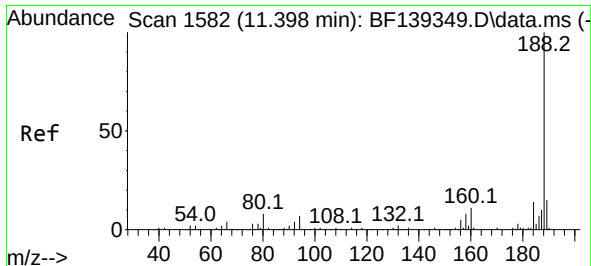
Tgt Ion:165 Resp: 19599
Ion Ratio Lower Upper
165 100
63 1.6 60.9 91.3#
89 1.2 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.456 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

Tgt Ion:165 Resp: 19599
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.6#
89 1.2 66.7 100.1#
182 0.0 2.2 3.4#

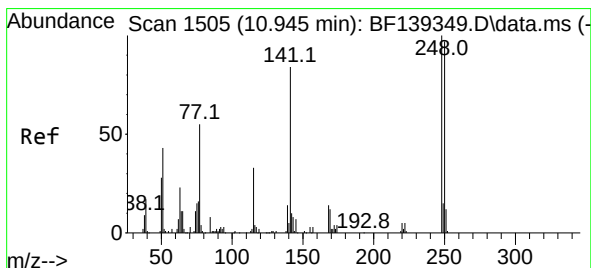
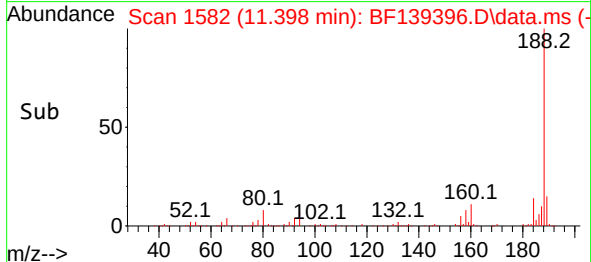
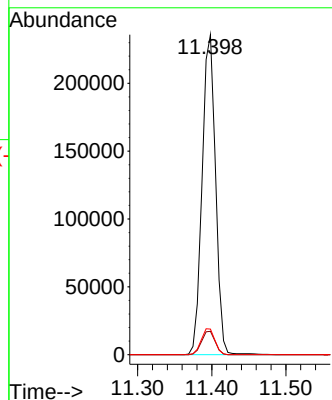
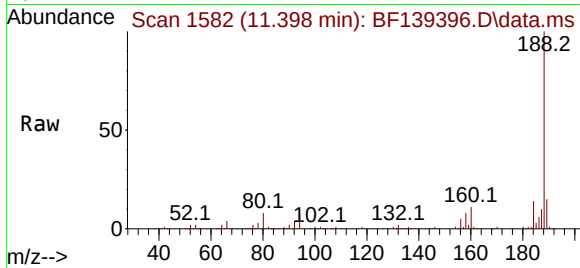




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

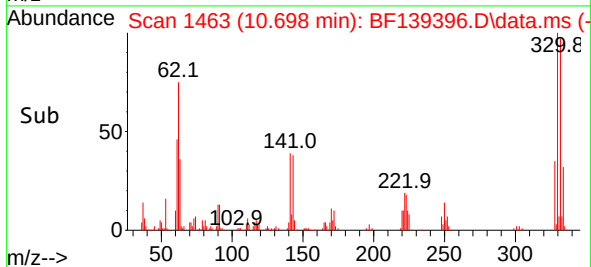
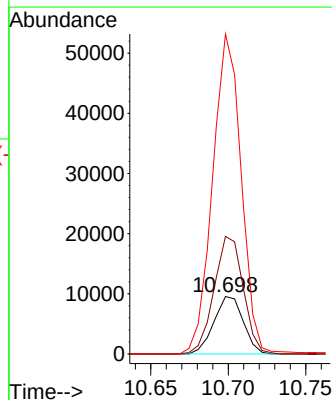
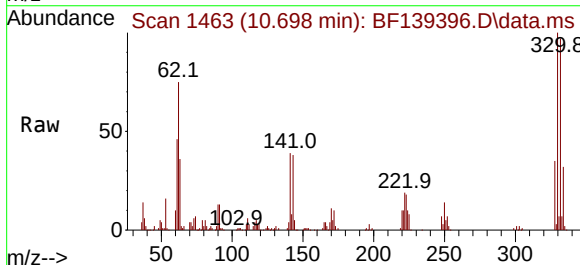
Instrument :
BNA_F
ClientSampleId :
PB163358TB

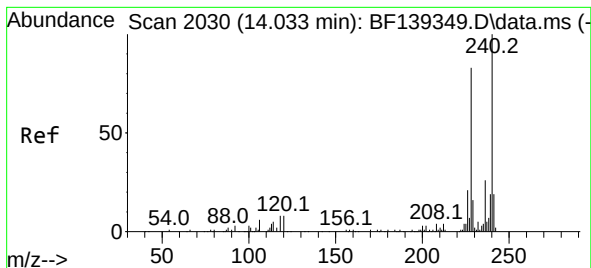
Tgt Ion:188 Resp: 296959
Ion Ratio Lower Upper
188 100
94 7.3 5.5 8.3
80 8.0 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 4.270 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139396.D
Acq: 17 Sep 2024 12:05

Tgt Ion:248 Resp: 12566
Ion Ratio Lower Upper
248 100
250 204.4 77.6 116.4#
141 556.3 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB163358TB

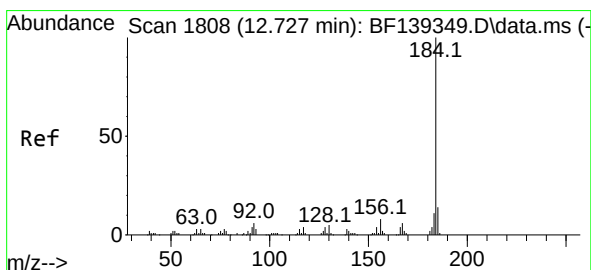
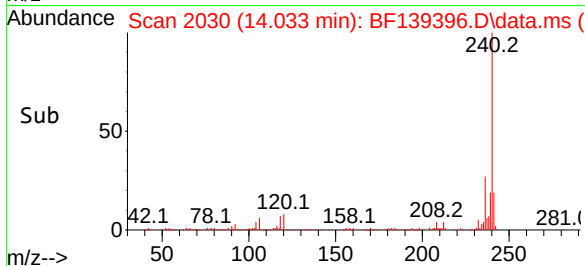
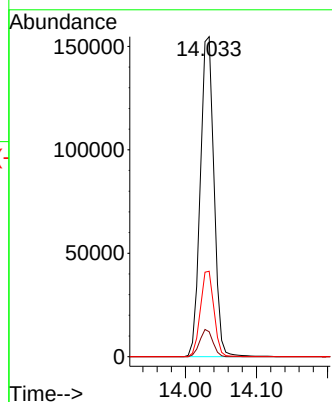
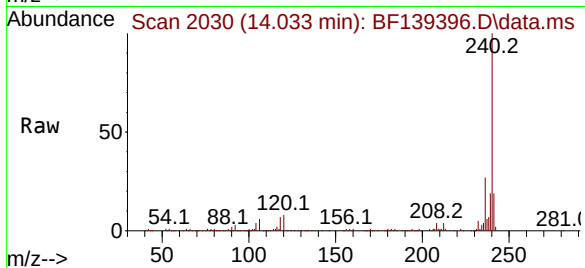
Tgt Ion:240 Resp: 207580

Ion Ratio Lower Upper

240 100

120 7.8 6.2 9.2

236 26.7 20.9 31.3



#77

Benzidine

Concen: 4.645 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139396.D

Acq: 17 Sep 2024 12:05

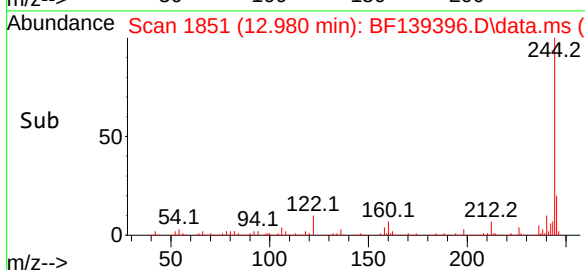
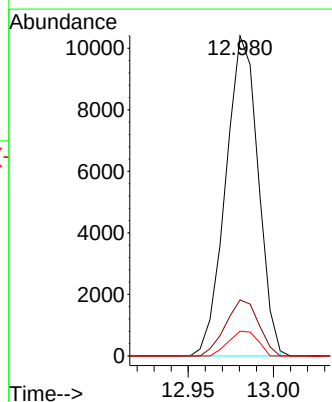
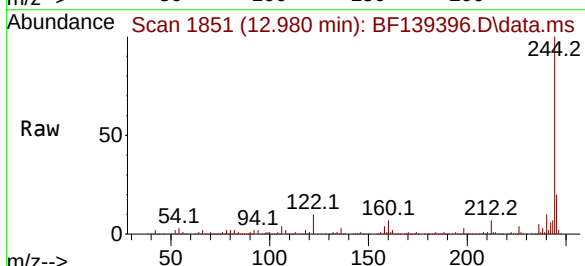
Tgt Ion:184 Resp: 13813

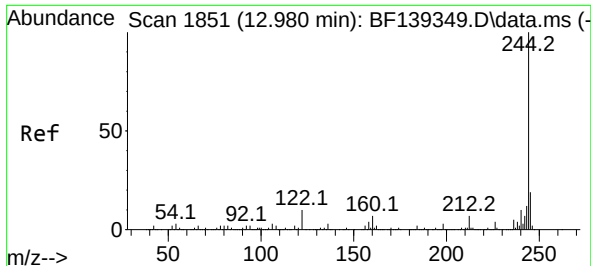
Ion Ratio Lower Upper

184 100

185 17.5 11.5 17.3#

183 7.8 8.9 13.3#

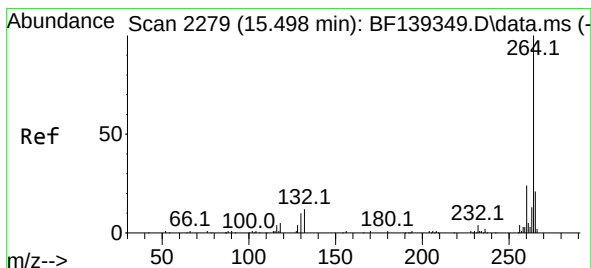
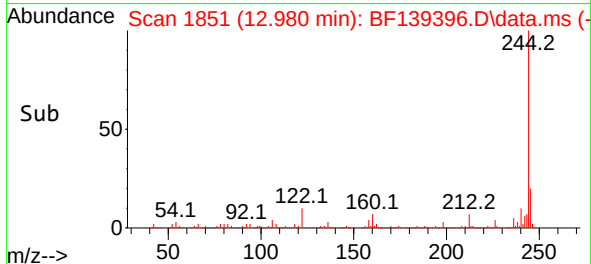
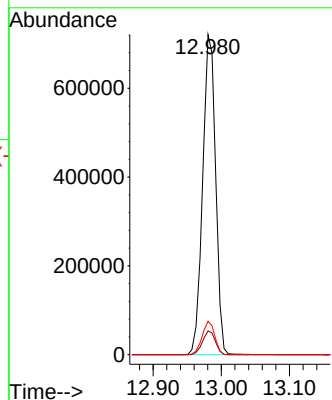
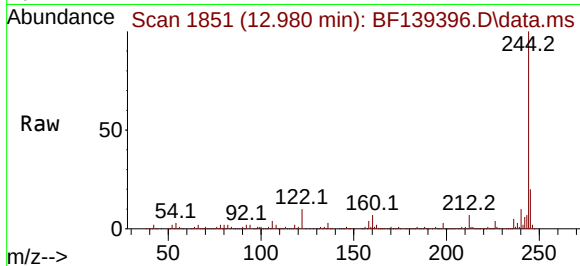




#79
 Terphenyl-d14
 Concen: 75.316 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139396.D
 Acq: 17 Sep 2024 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB163358TB

Tgt Ion:244 Resp: 952496
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.5 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: BF139396.D
 Acq: 17 Sep 2024 12:05

Tgt Ion:264 Resp: 164796
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.0 16.6 25.0

