

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139436.D
 Acq On : 18 Sep 2024 20:16
 Operator : RC/JU
 Sample : P4023-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Sep 19 01:29:23 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)

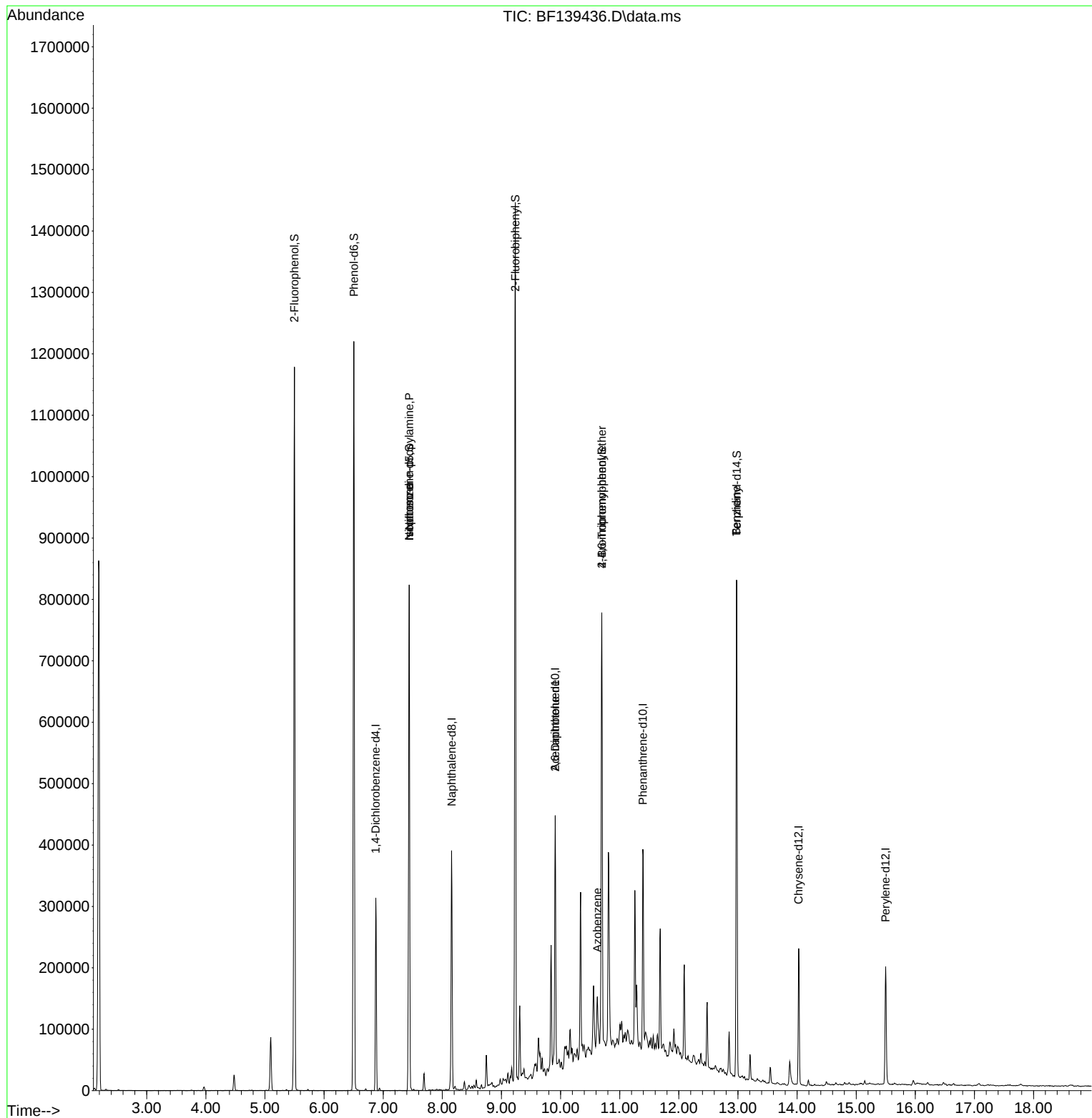
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60610	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	222271	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	113002	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	165240	20.000	ng	0.00
76) Chrysene-d12	14.027	240	102243	20.000	ng	0.00
86) Perylene-d12	15.498	264	110824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	375538	101.078	ng	0.00
7) Phenol-d6	6.504	99	518235	106.269	ng	0.00
23) Nitrobenzene-d5	7.439	82	341465	72.222	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	101078	84.019	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	594564	73.794	ng	0.00
79) Terphenyl-d14	12.980	244	381100	61.181	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	47677	16.498	ng	# 75
25) Isophorone	7.439	82	341463	45.666	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	16127	9.815	ng	# 16
63) Azobenzene	10.622	77	20556	2.731	ng	# 6
67) 4-Bromophenyl-phenylether	10.698	248	7093	4.332	ng	# 1
77) Benzidine	12.974	184	6349	4.334	ng	# 94

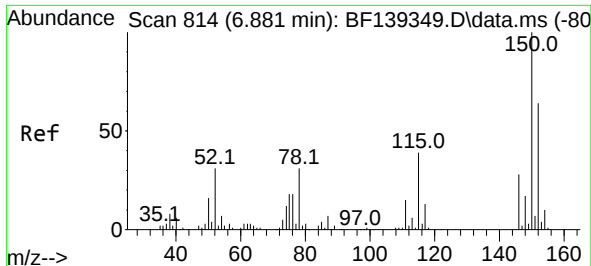
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139436.D
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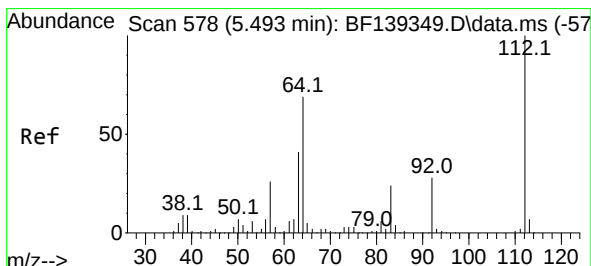
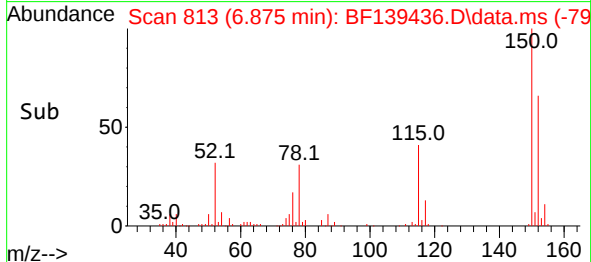
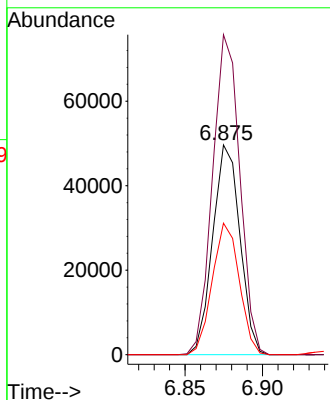
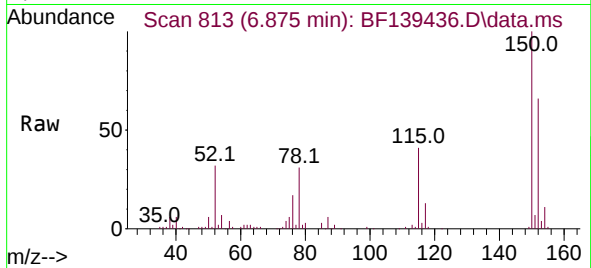




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

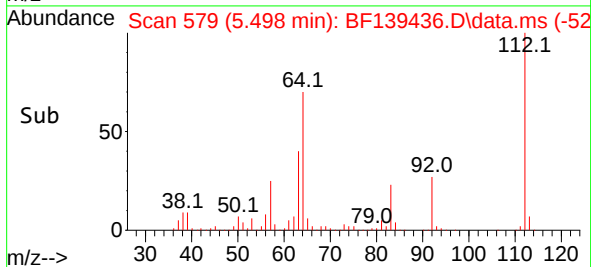
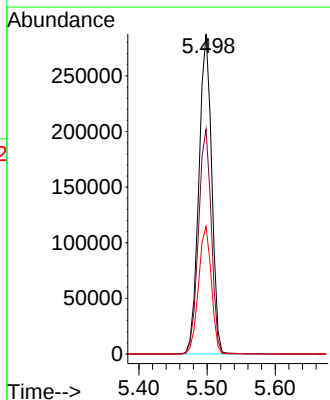
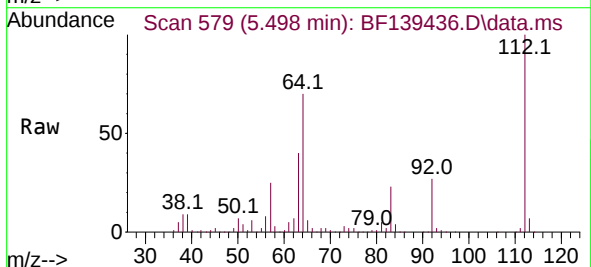
Instrument :
BNA_F
ClientSampleId :
TP-9

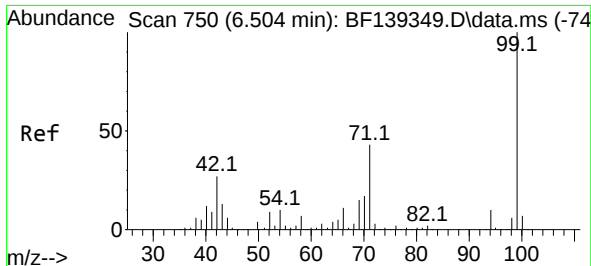
Tgt Ion:152 Resp: 60610
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 62.7 48.1 72.1



#5
2-Fluorophenol
Concen: 101.078 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

Tgt Ion:112 Resp: 375538
Ion Ratio Lower Upper
112 100
64 70.2 54.8 82.2
63 39.9 33.0 49.4

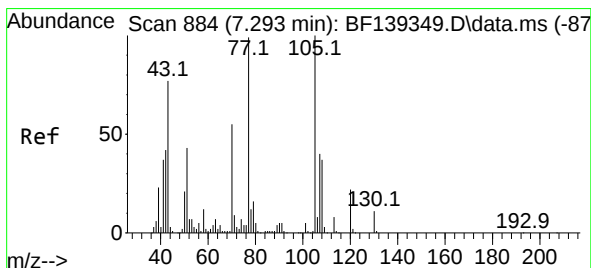
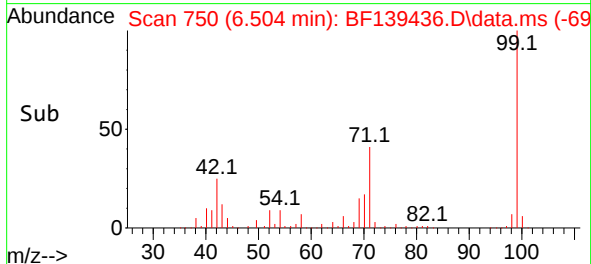
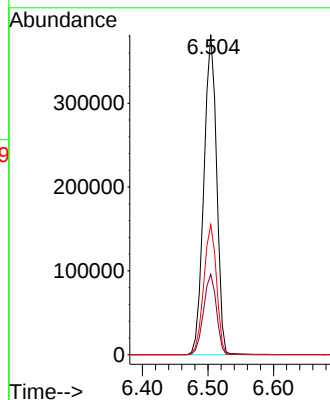
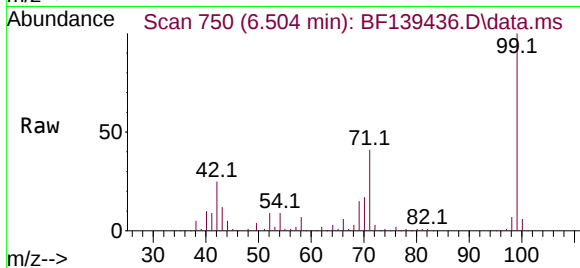




#7
Phenol-d6
Concen: 106.269 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

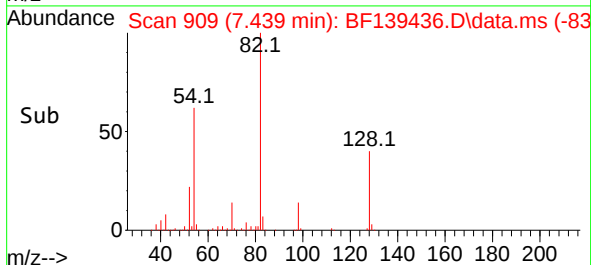
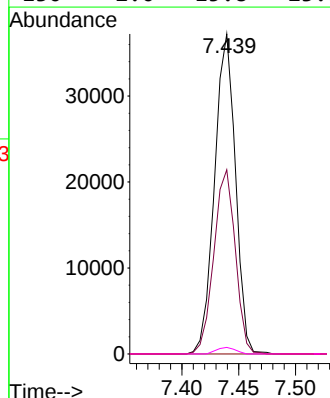
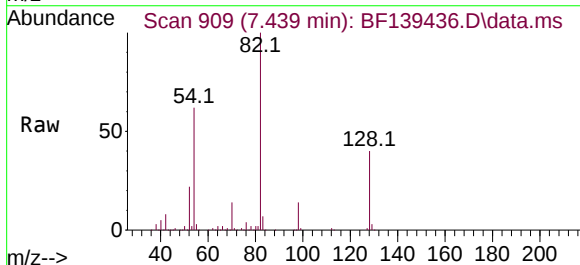
Instrument :
BNA_F
ClientSampleId :
TP-9

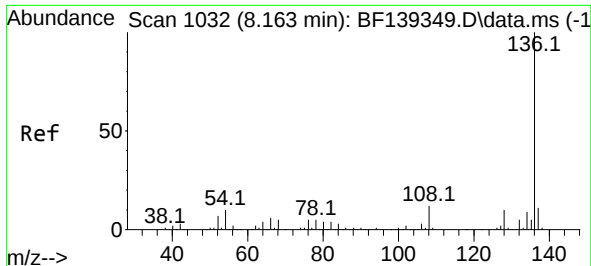
Tgt Ion: 99 Resp: 518235
Ion Ratio Lower Upper
99 100
42 25.2 21.9 32.9
71 40.6 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.498 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

Tgt Ion: 70 Resp: 47677
Ion Ratio Lower Upper
70 100
42 57.6 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#

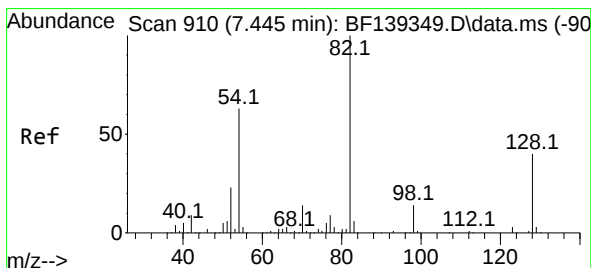
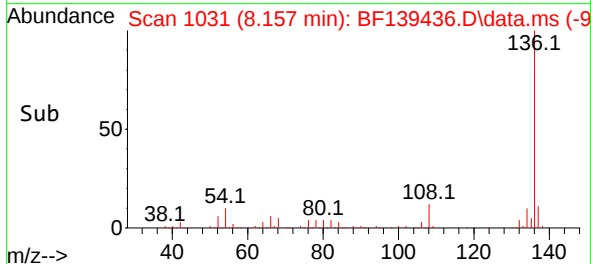
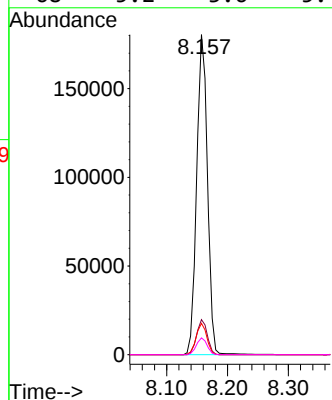
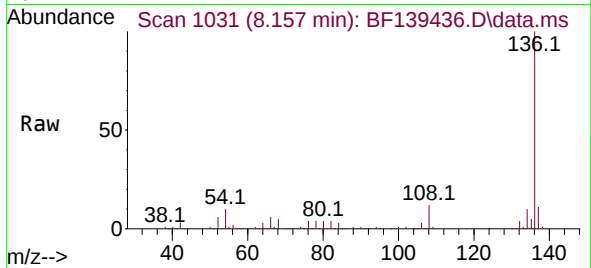




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

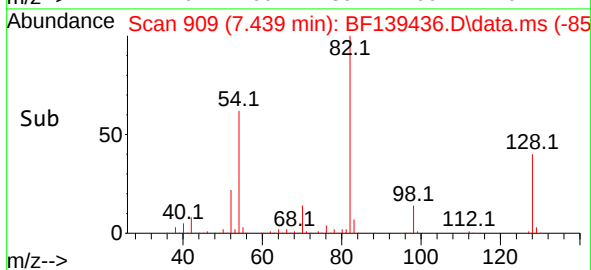
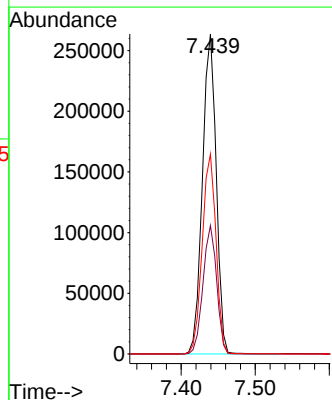
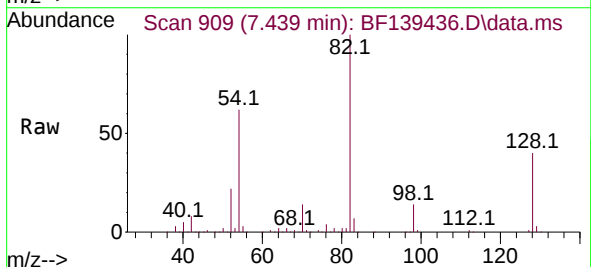
Instrument :
BNA_F
ClientSampleId :
TP-9

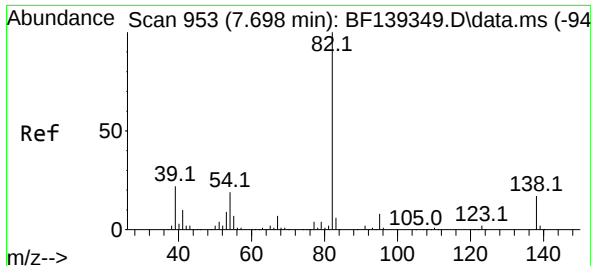
Tgt Ion:136 Resp: 222271
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 7.8 11.8
68 5.2 3.6 5.4



#23
Nitrobenzene-d5
Concen: 72.222 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

Tgt Ion: 82 Resp: 341465
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 62.5 50.6 75.8

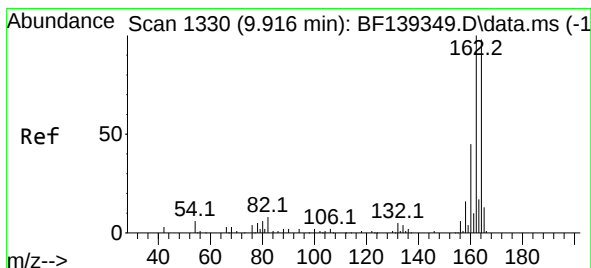
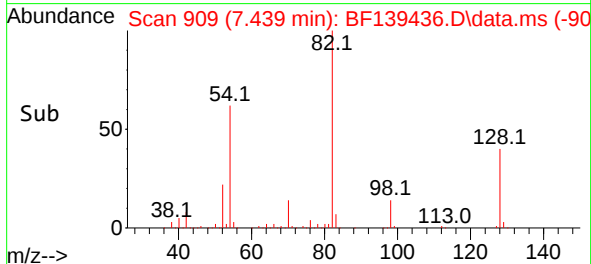
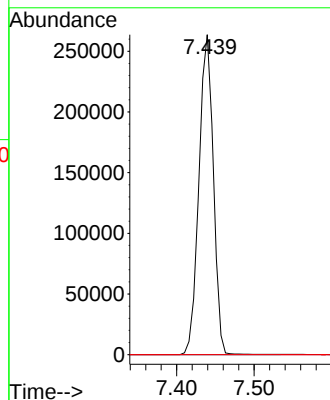
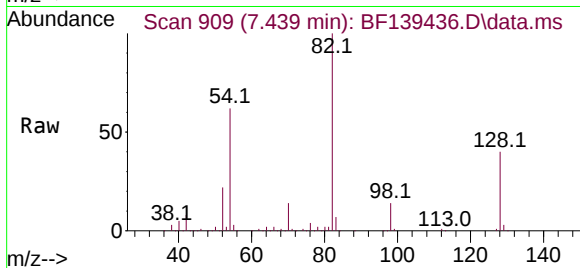




#25
Isophorone
Concen: 45.666 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

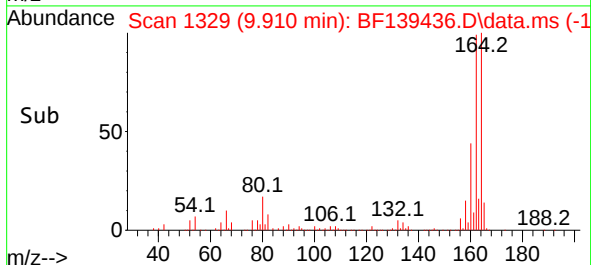
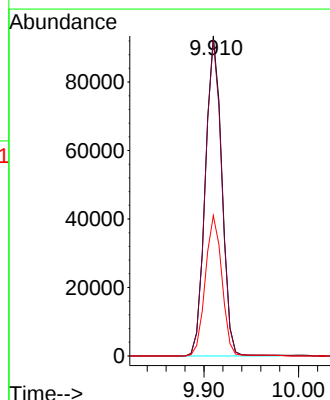
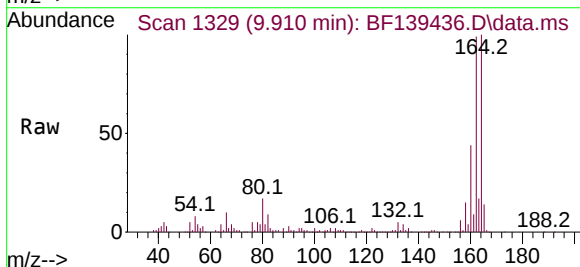
Instrument :
BNA_F
ClientSampleId :
TP-9

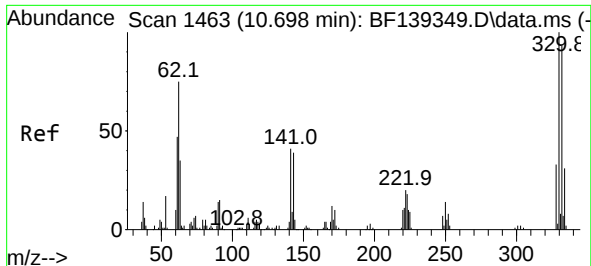
Tgt Ion: 82 Resp: 341463
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

Tgt Ion: 164 Resp: 113002
Ion Ratio Lower Upper
164 100
162 98.8 81.3 121.9
160 43.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 84.019 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139436.D

Acq: 18 Sep 2024 20:16

Instrument :

BNA_F

ClientSampleId :

TP-9

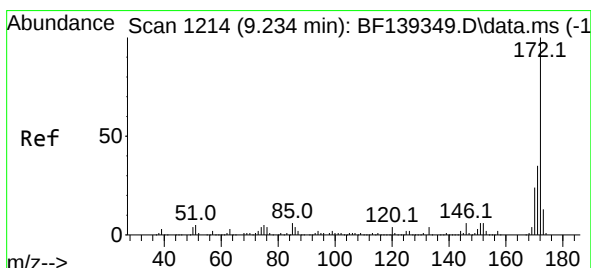
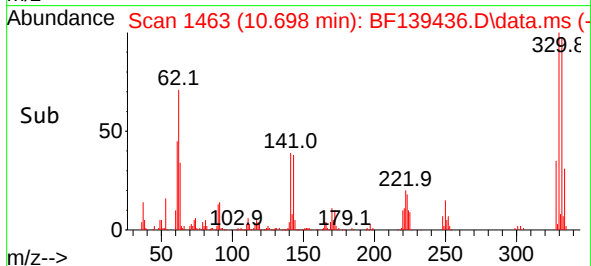
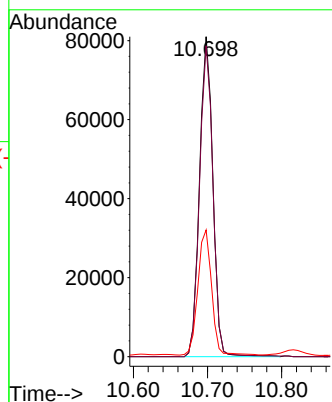
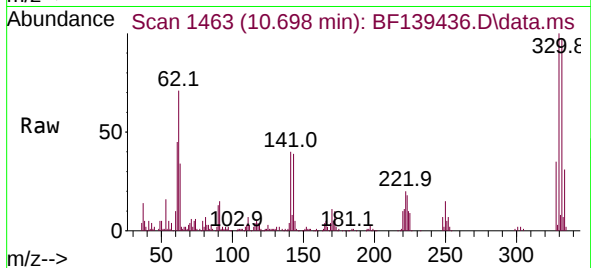
Tgt Ion:330 Resp: 101078

Ion Ratio Lower Upper

330 100

332 97.7 75.2 112.8

141 40.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 73.794 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139436.D

Acq: 18 Sep 2024 20:16

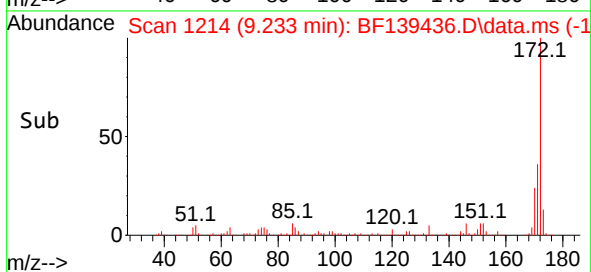
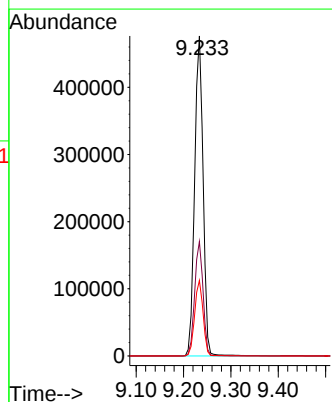
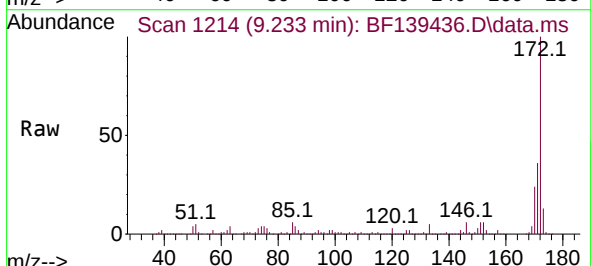
Tgt Ion:172 Resp: 594564

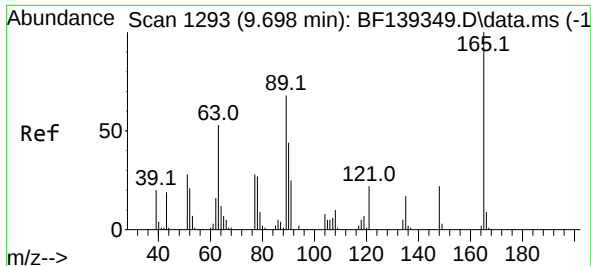
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 19.0 28.6

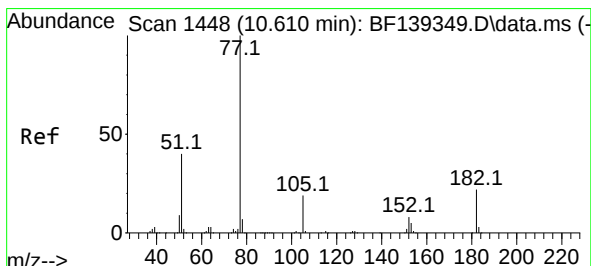
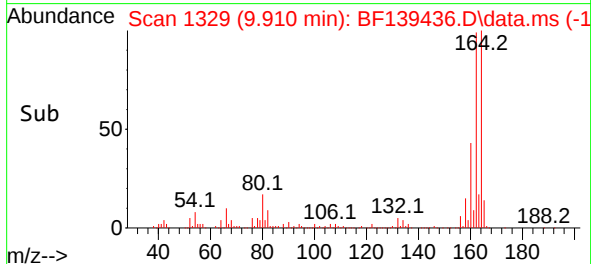
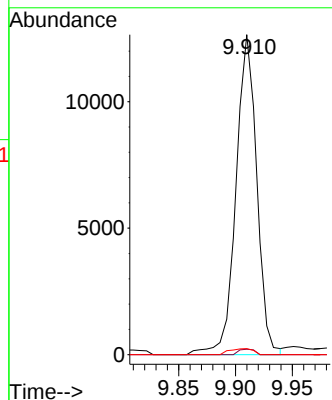
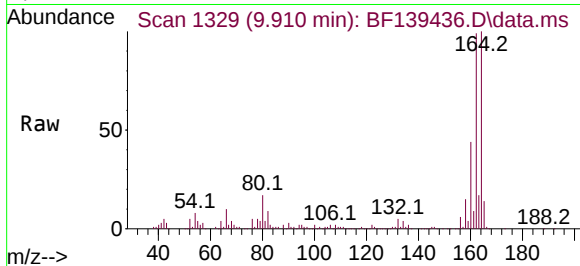




#51
2,6-Dinitrotoluene
Concen: 9.815 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

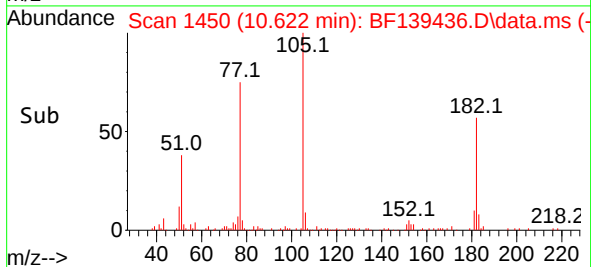
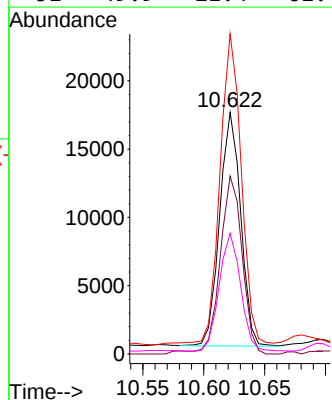
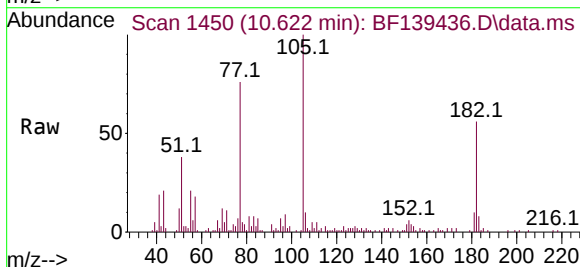
Instrument :
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TP-9

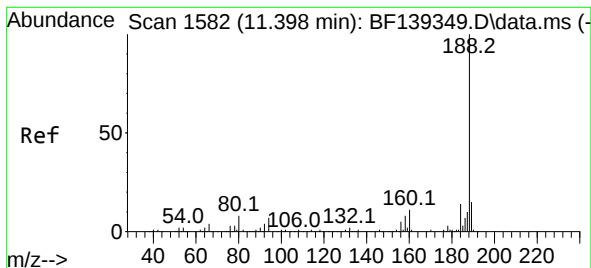
Tgt Ion:165 Resp: 16127
Ion Ratio Lower Upper
165 100
63 1.7 60.9 91.3#
89 1.9 54.7 82.1#



#63
Azobenzene
Concen: 2.731 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

Tgt Ion: 77 Resp: 20556
Ion Ratio Lower Upper
77 100
182 73.6 1.8 41.8#
105 132.4 0.0 38.6#
51 49.9 21.4 61.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139436.D

Acq: 18 Sep 2024 20:16

Instrument :

BNA_F

ClientSampleId :

TP-9

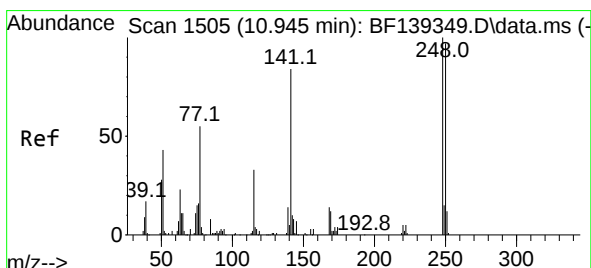
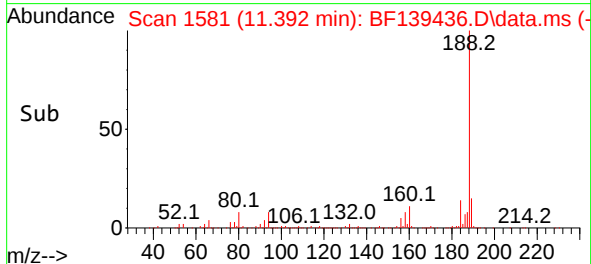
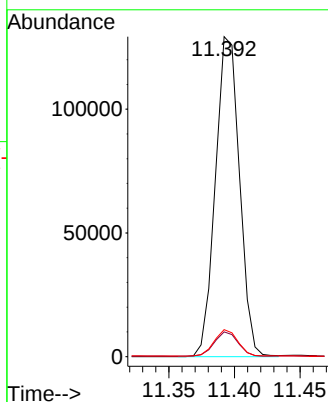
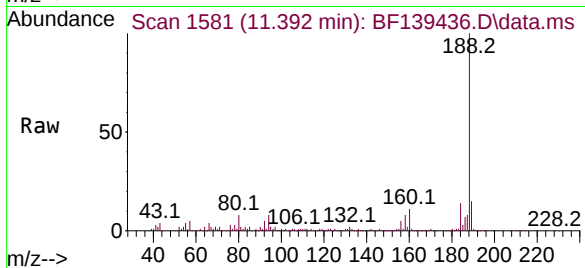
Tgt Ion:188 Resp: 165240

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.4 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.332 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139436.D

Acq: 18 Sep 2024 20:16

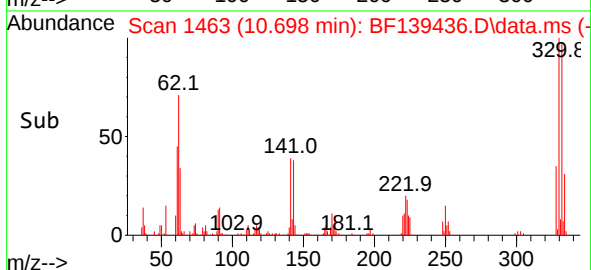
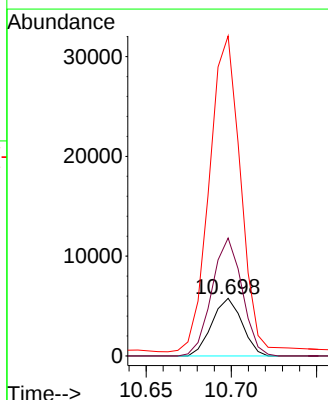
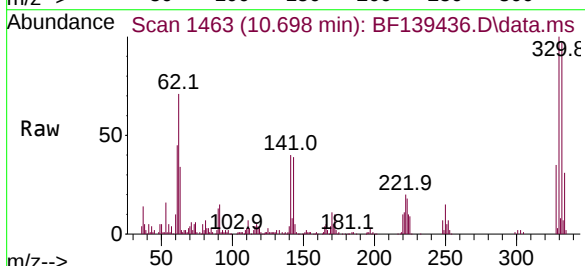
Tgt Ion:248 Resp: 7093

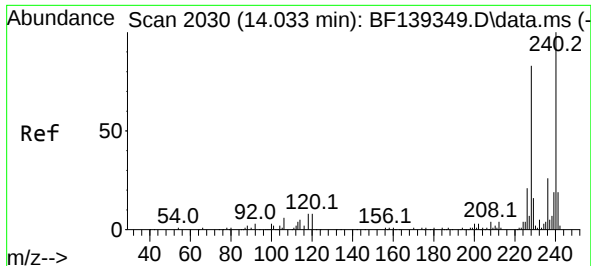
Ion Ratio Lower Upper

248 100

250 204.7 77.6 116.4#

141 555.6 66.9 100.3#

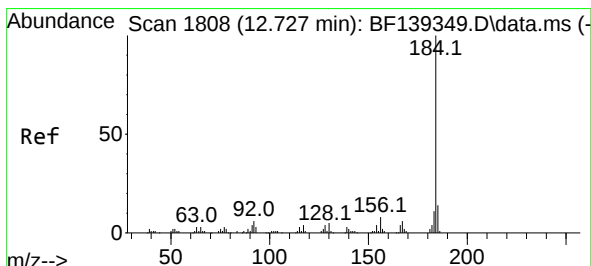
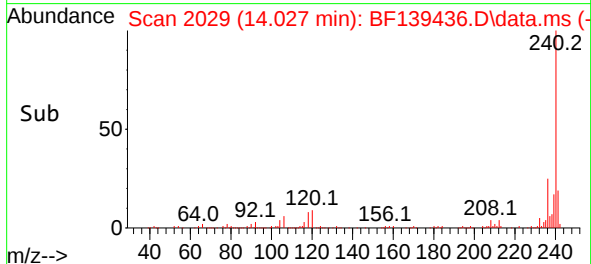
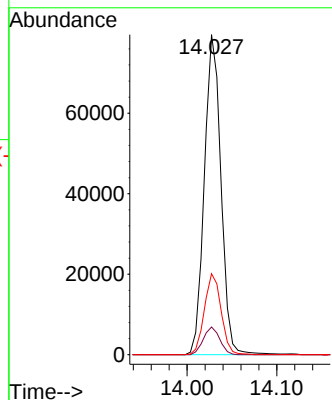
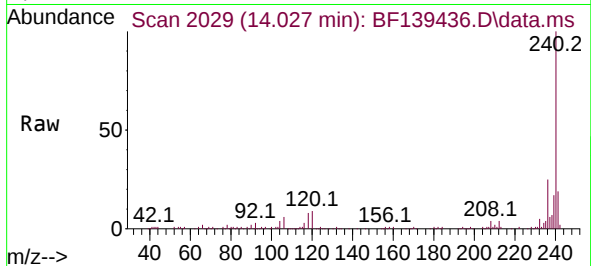




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

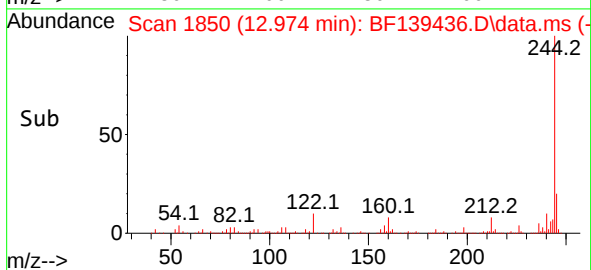
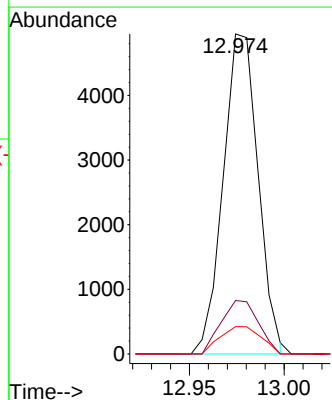
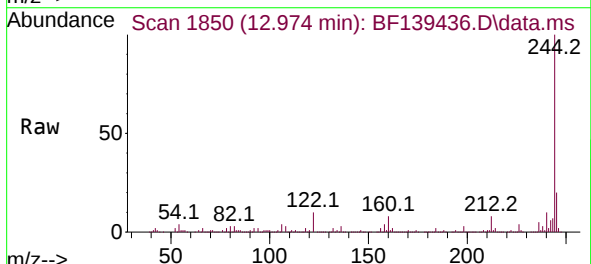
Instrument :
BNA_F
ClientSampleId :
TP-9

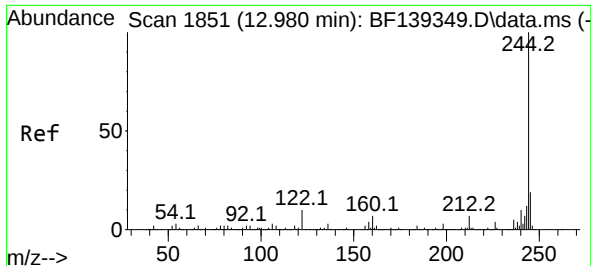
Tgt Ion:240 Resp: 102243
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 25.3 20.9 31.3



#77
Benzidine
Concen: 4.334 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139436.D
Acq: 18 Sep 2024 20:16

Tgt Ion:184 Resp: 6349
Ion Ratio Lower Upper
184 100
185 16.7 11.5 17.3
183 8.5 8.9 13.3#

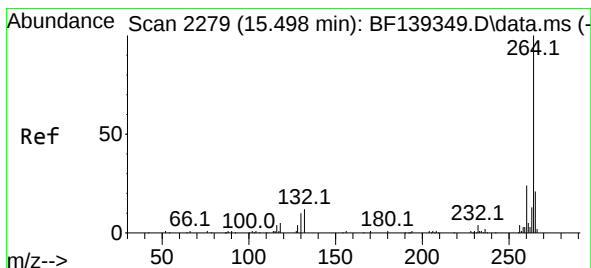
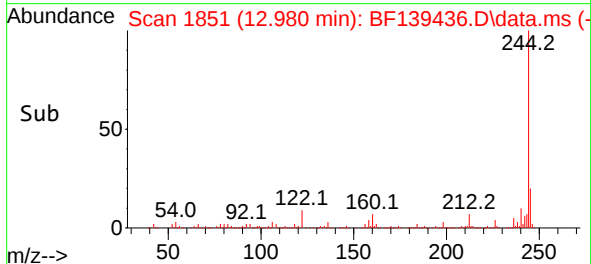
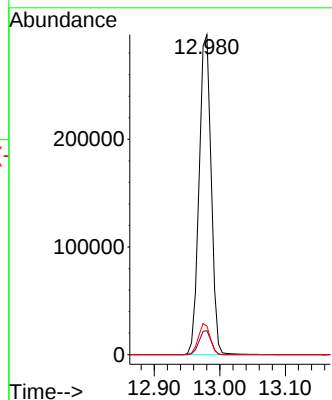
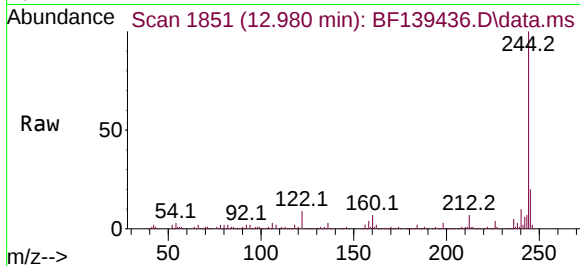




#79
 Terphenyl-d14
 Concen: 61.181 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139436.D
 Acq: 18 Sep 2024 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 381100
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.0 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: BF139436.D
 Acq: 18 Sep 2024 20:16

Tgt Ion:264 Resp: 110824
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.0 16.6 25.0

