

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140036.D
 Acq On : 25 Oct 2024 14:36
 Operator : RC/JU
 Sample : P4487-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5

Quant Time: Oct 25 15:12:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

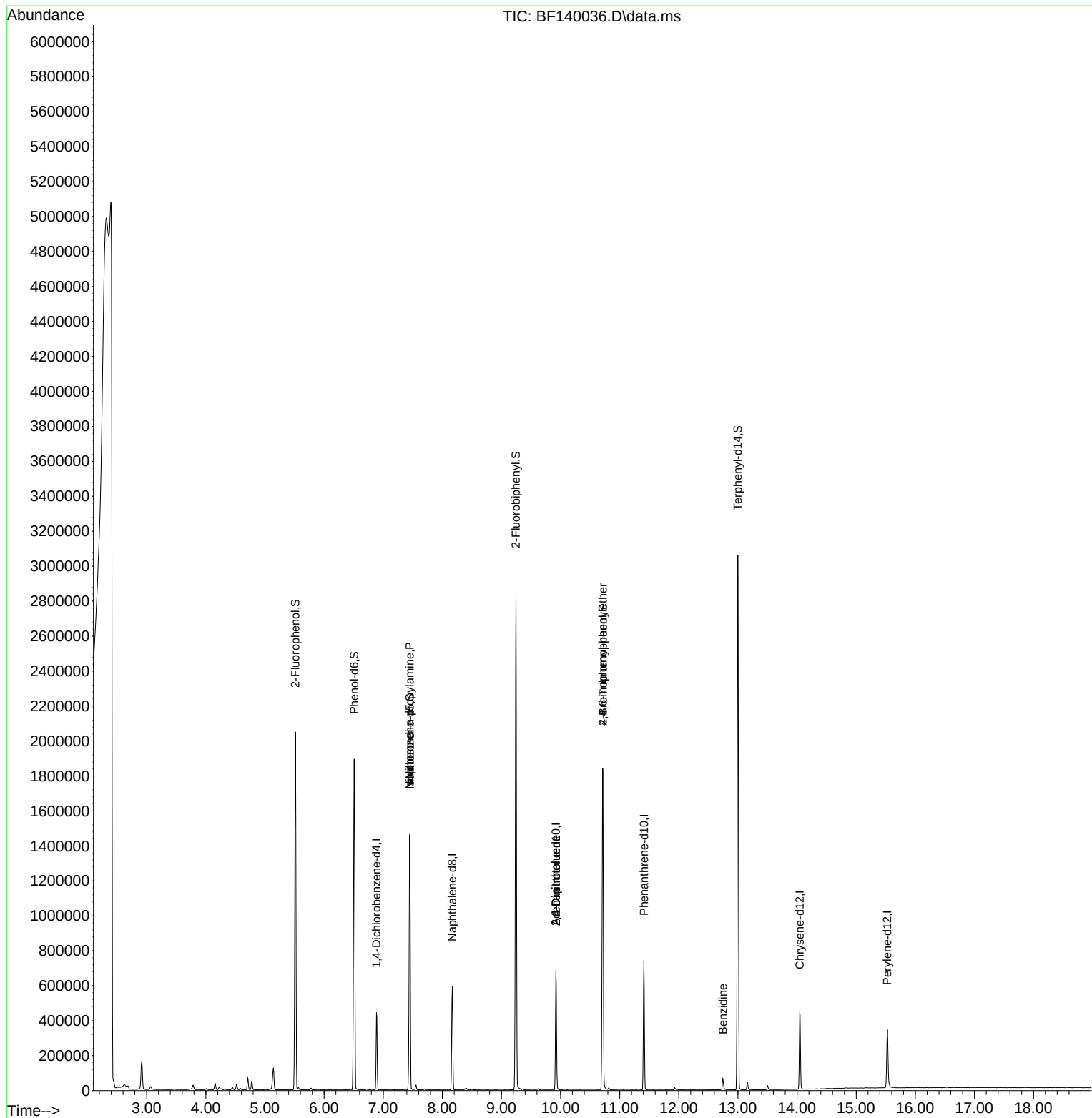
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	91241	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	352815	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	206482	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385510	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220193	20.000	ng	0.00
86) Perylene-d12	15.527	264	220291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	771279	132.334	ng	0.02
7) Phenol-d6	6.510	99	909091	120.432	ng	0.00
23) Nitrobenzene-d5	7.451	82	694319	109.070	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	350476	181.465	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1305914	104.526	ng	0.00
79) Terphenyl-d14	12.998	244	1579755	116.906	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	94506	20.643	ng	Qvalue
25) Isophorone	7.451	82	690619	57.160	ng	# 75
51) 2,6-Dinitrotoluene	9.922	165	26197	9.407	ng	# 67
57) 2,4-Dinitrotoluene	9.922	165	26197	7.650	ng	# 22
67) 4-Bromophenyl-phenylether	10.716	248	22344	5.626	ng	# 21
77) Benzidine	12.745	184	41670	11.509	ng	# 1

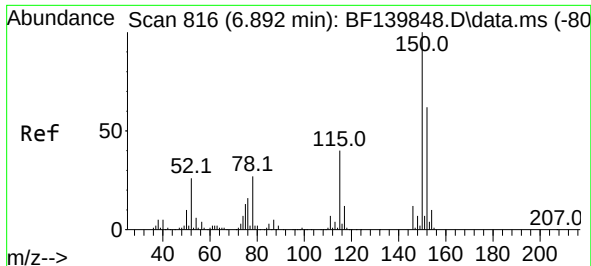
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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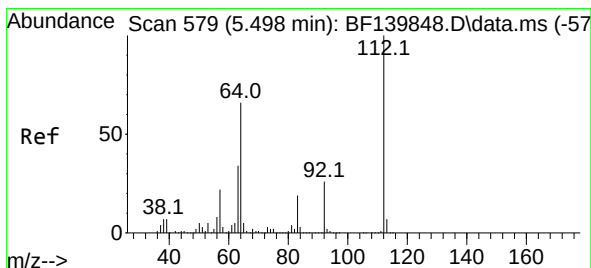
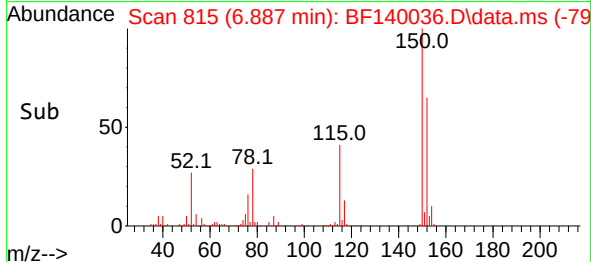
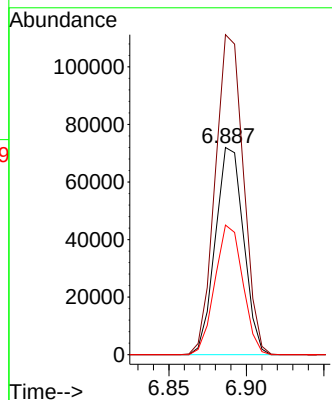
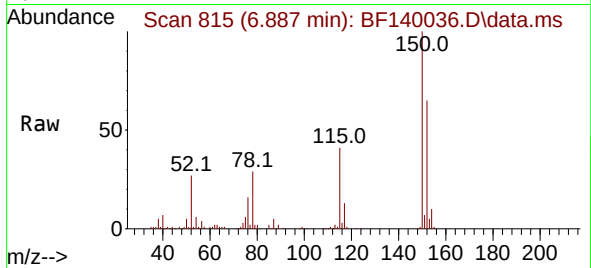




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

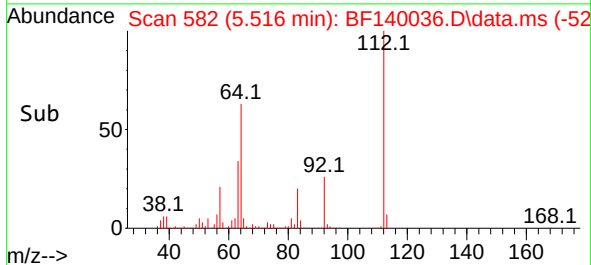
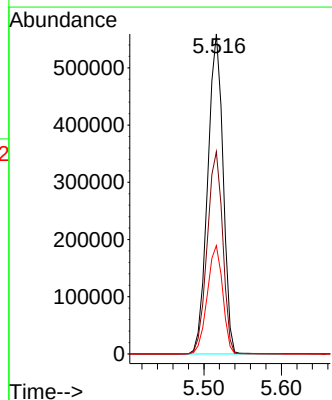
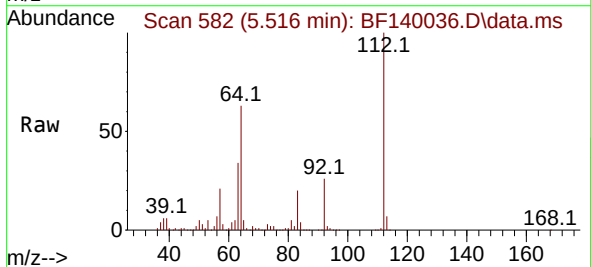
Instrument :
BNA_F
ClientSampleId :
BP-B5

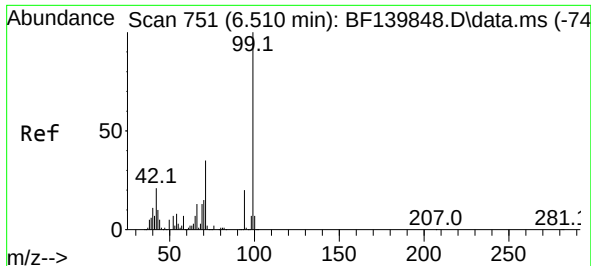
Tgt Ion:152 Resp: 91241
Ion Ratio Lower Upper
152 100
150 154.4 130.2 195.2
115 62.6 51.4 77.2



#5
2-Fluorophenol
Concen: 132.334 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion:112 Resp: 771279
Ion Ratio Lower Upper
112 100
64 63.2 53.0 79.6
63 33.9 27.0 40.4





#7
Phenol-d6
Concen: 120.432 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

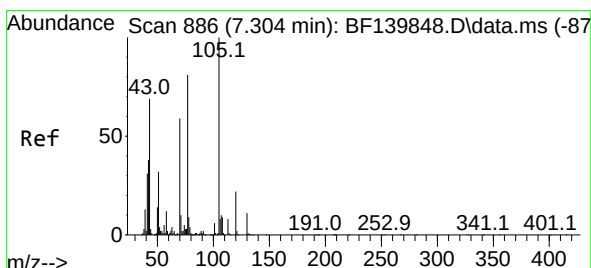
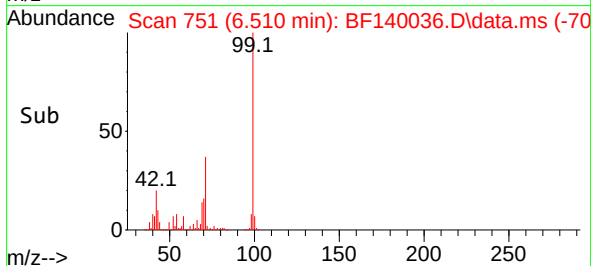
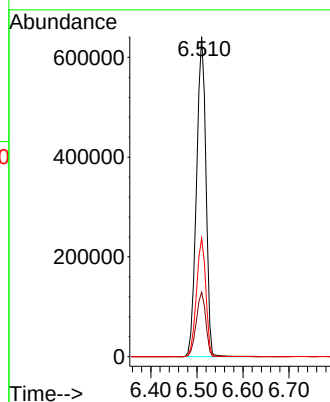
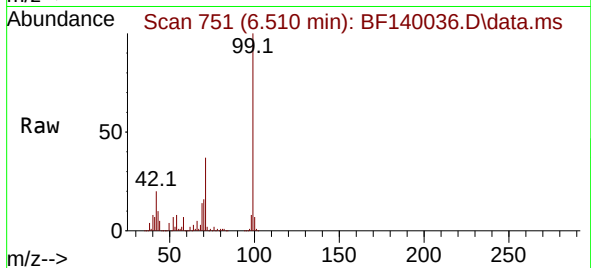
Instrument :

BNA_F

ClientSampleId :

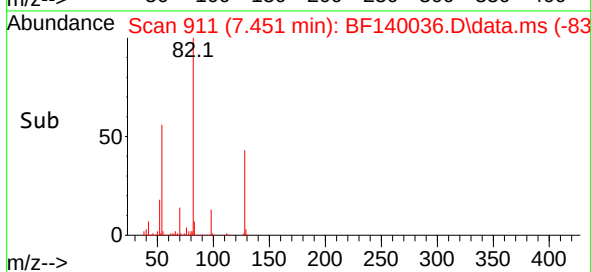
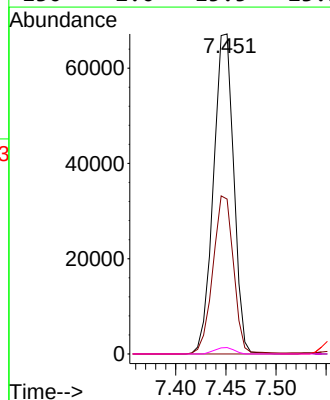
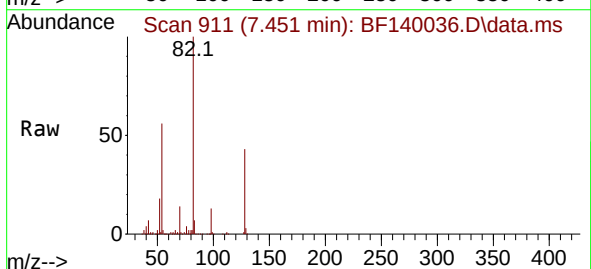
BP-B5

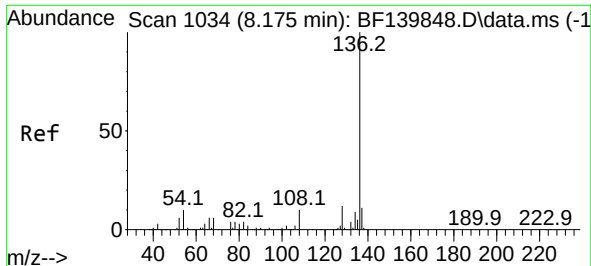
Tgt Ion: 99 Resp: 909091
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 37.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.643 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 70 Resp: 94506
Ion Ratio Lower Upper
70 100
42 48.4 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



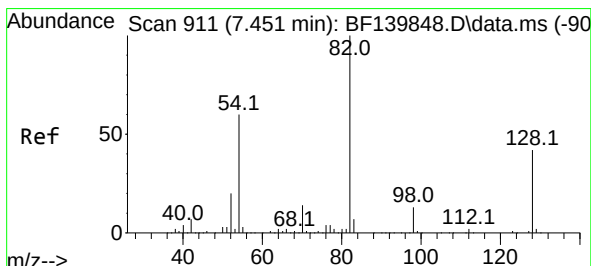
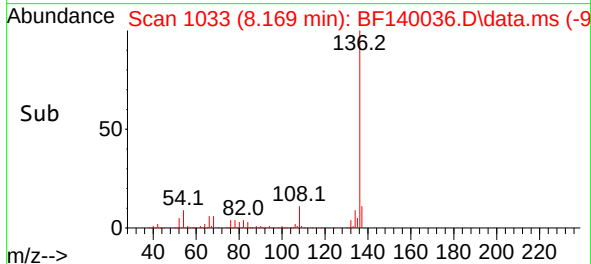
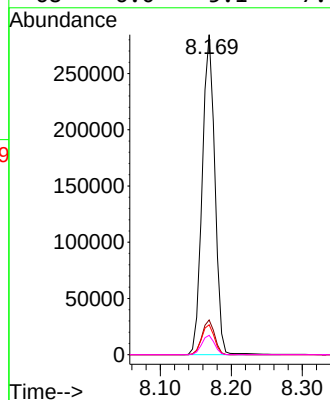
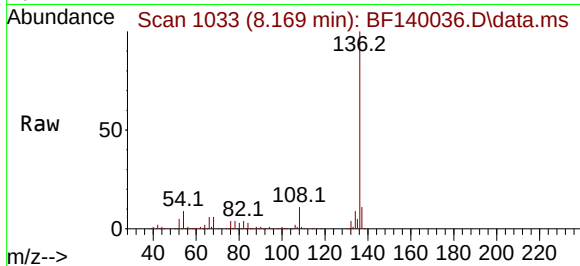


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Instrument :
BNA_F
ClientSampleId :
BP-B5

Tgt Ion:136 Resp: 352815

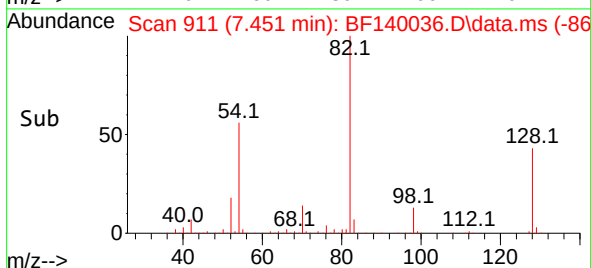
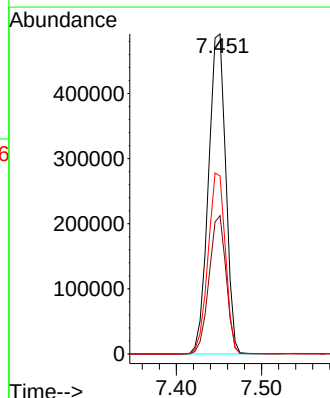
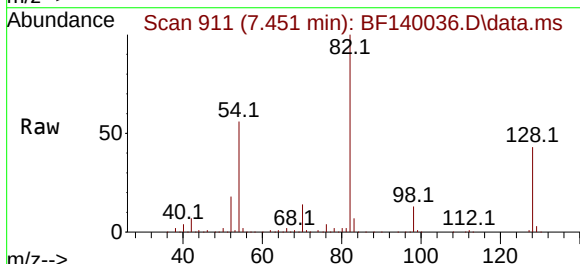
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	8.4	12.6
68	6.0	5.1	7.7

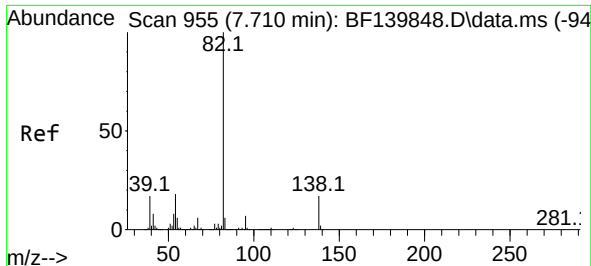


#23
Nitrobenzene-d5
Concen: 109.070 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 82 Resp: 694319

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	55.6	47.8	71.8

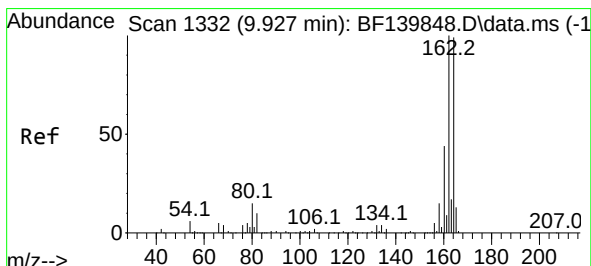
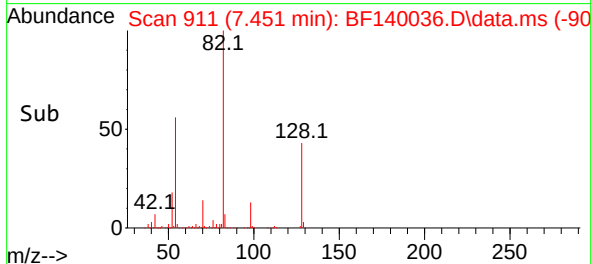
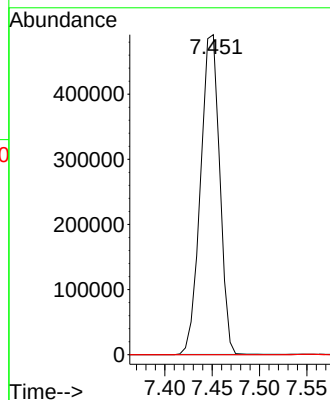
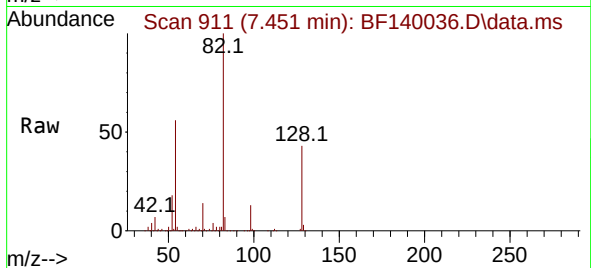




#25
Isophorone
Concen: 57.160 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

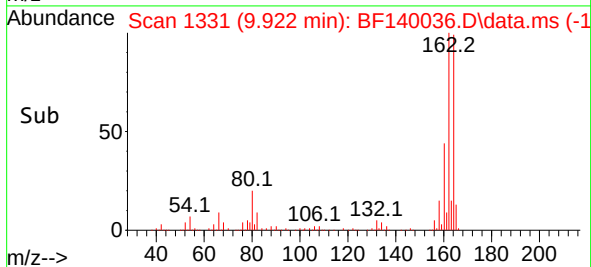
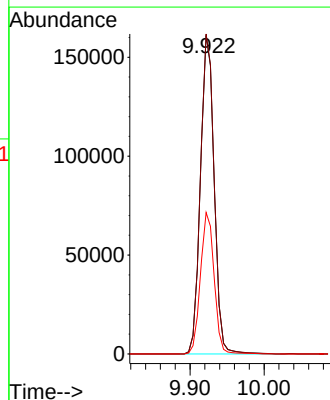
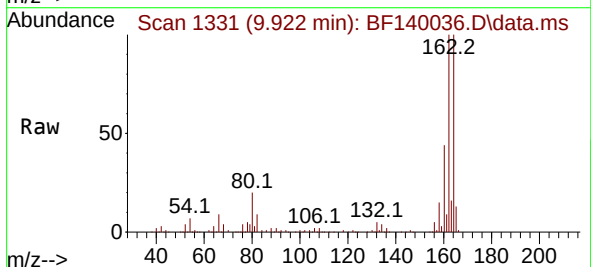
Instrument :
BNA_F
ClientSampleId :
BP-B5

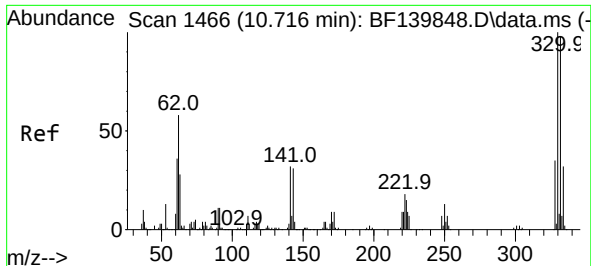
Tgt Ion: 82 Resp: 690619
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 164 Resp: 206482
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.4 35.4 53.0

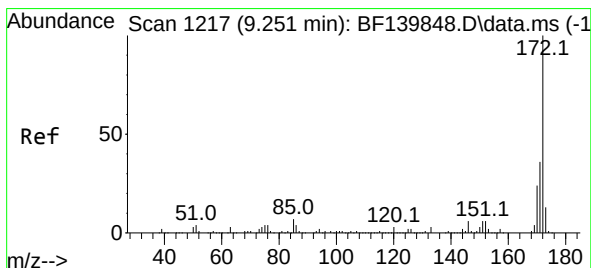
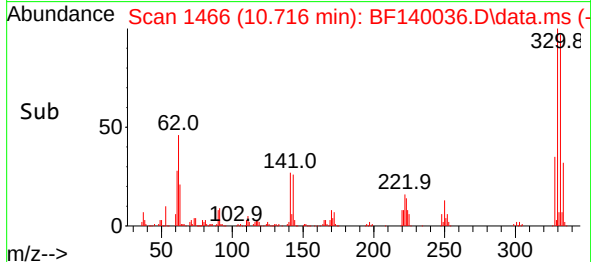
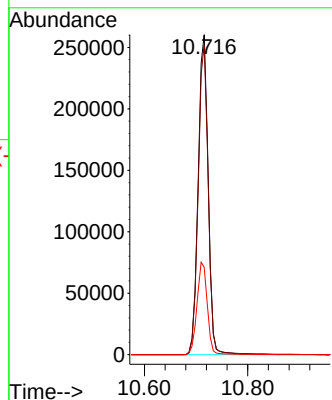
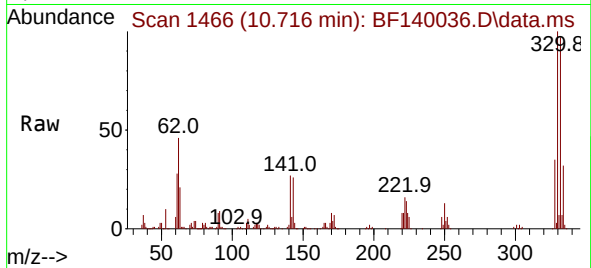




#42
2,4,6-Tribromophenol
Concen: 181.465 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

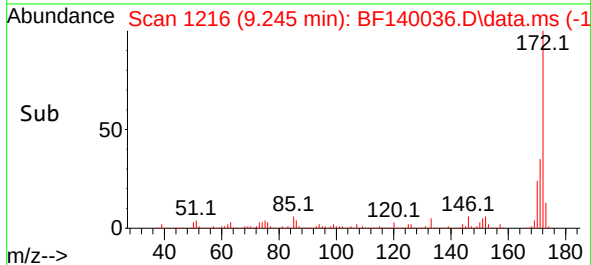
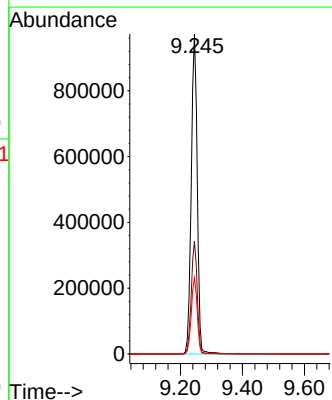
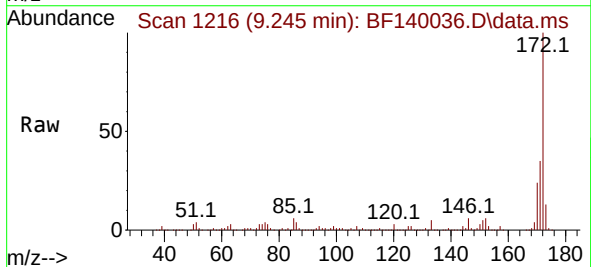
Instrument :
BNA_F
ClientSampleId :
BP-B5

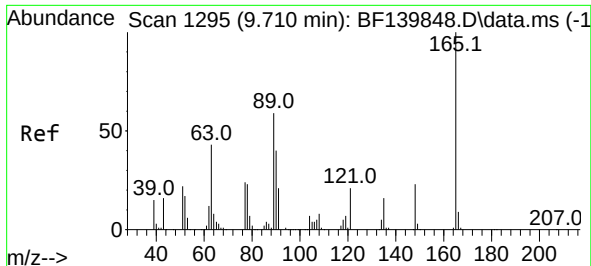
Tgt Ion: 330 Resp: 350476
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 29.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 104.526 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion: 172 Resp: 1305914
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 19.1 28.7

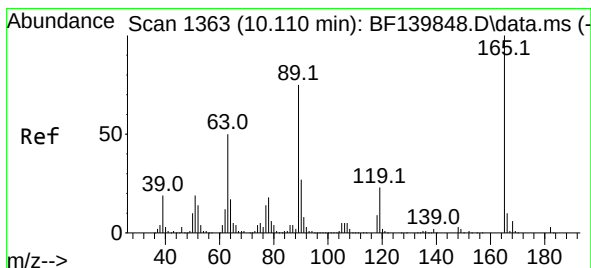
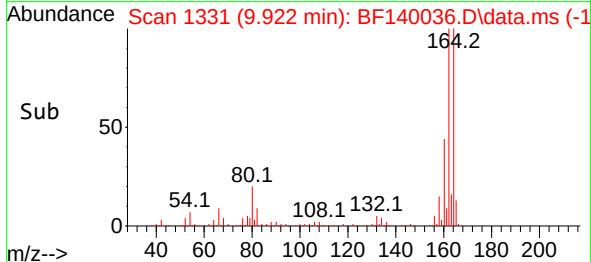
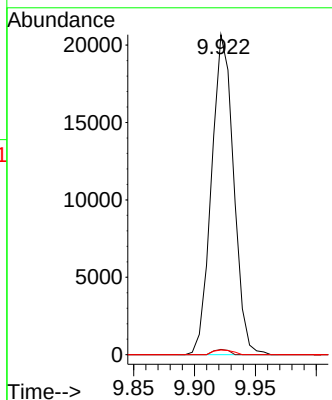
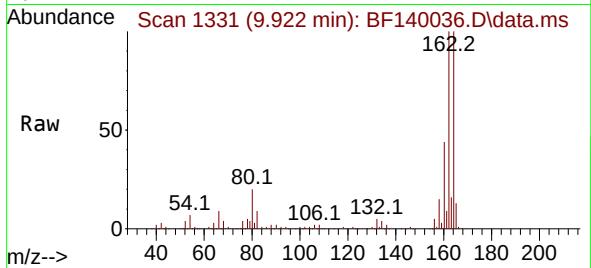




#51
2,6-Dinitrotoluene
Concen: 9.407 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

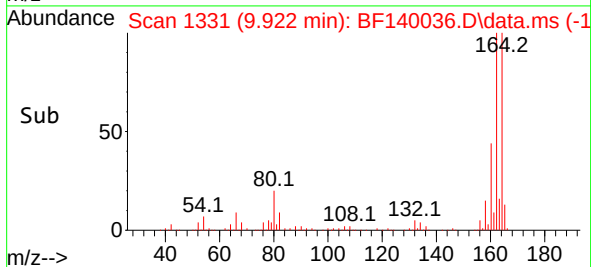
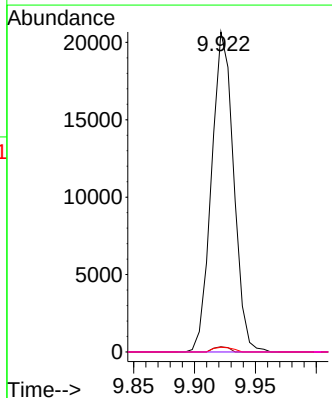
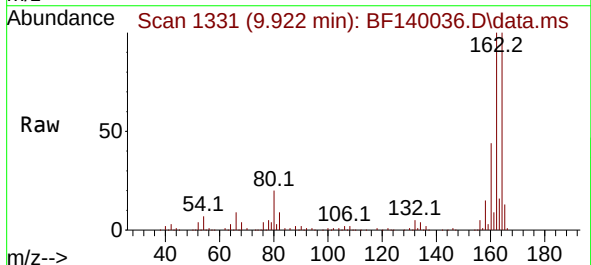
Instrument :
BNA_F
ClientSampleId :
BP-B5

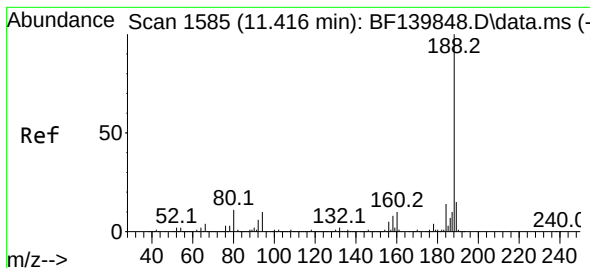
Tgt Ion:165 Resp: 26197
Ion Ratio Lower Upper
165 100
63 1.6 50.6 75.8#
89 1.5 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.650 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion:165 Resp: 26197
Ion Ratio Lower Upper
165 100
63 1.6 40.1 60.1#
89 1.5 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140036.D

Acq: 25 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

BP-B5

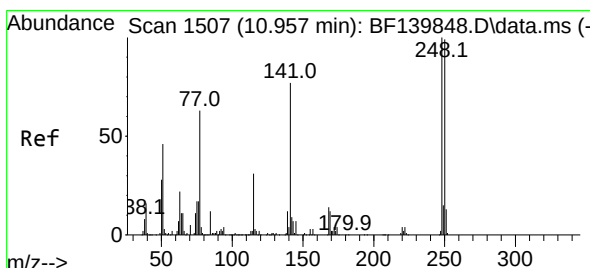
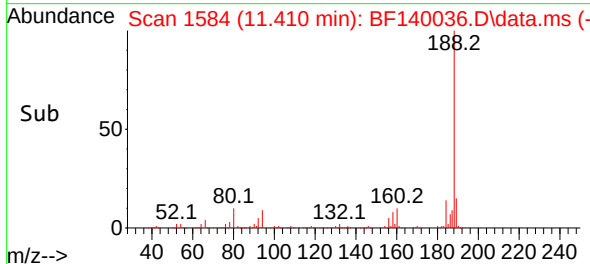
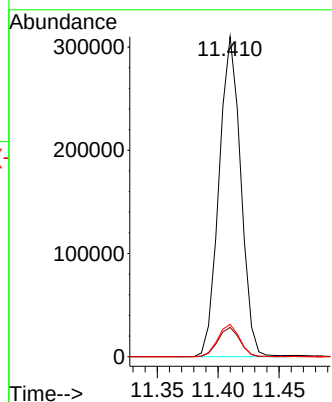
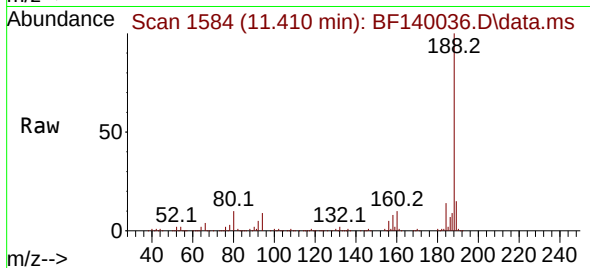
Tgt Ion:188 Resp: 385510

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.626 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140036.D

Acq: 25 Oct 2024 14:36

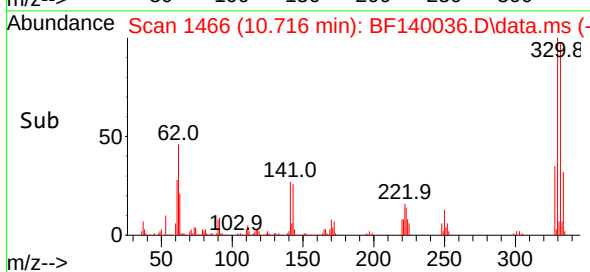
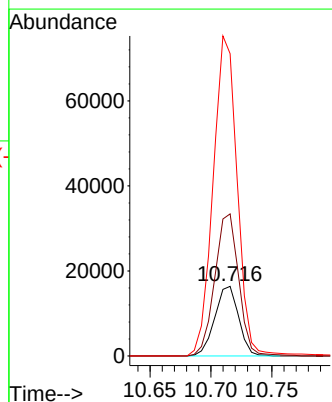
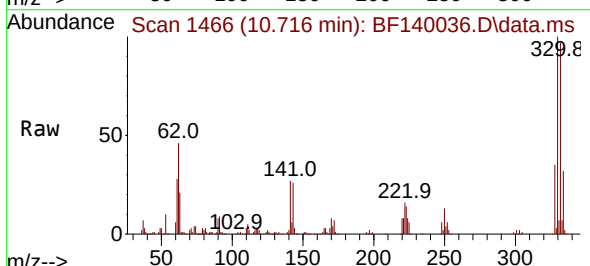
Tgt Ion:248 Resp: 22344

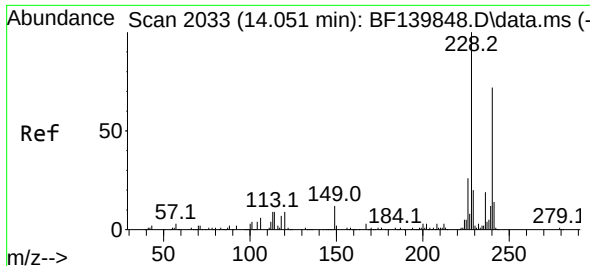
Ion Ratio Lower Upper

248 100

250 203.8 79.0 118.6#

141 433.8 61.7 92.5#

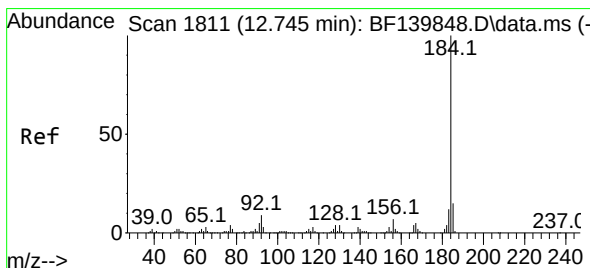
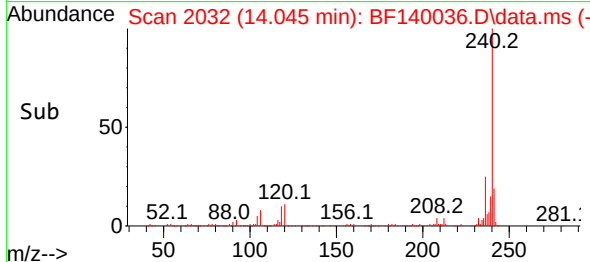
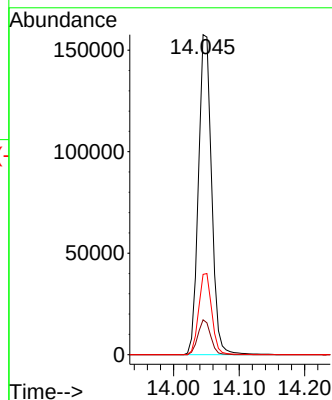
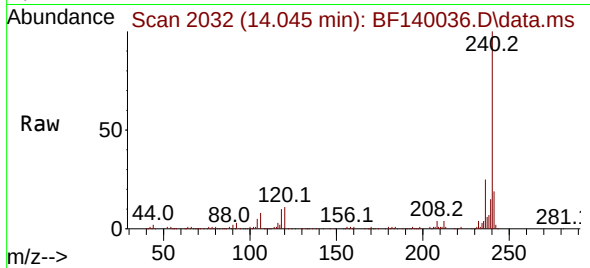




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

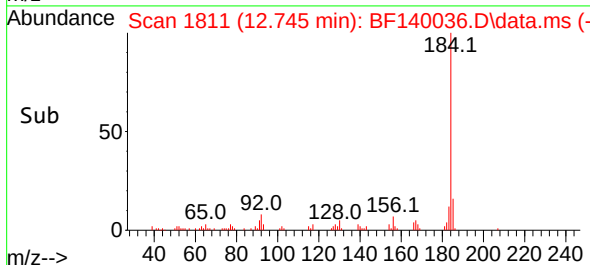
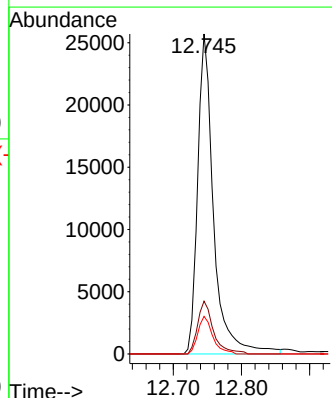
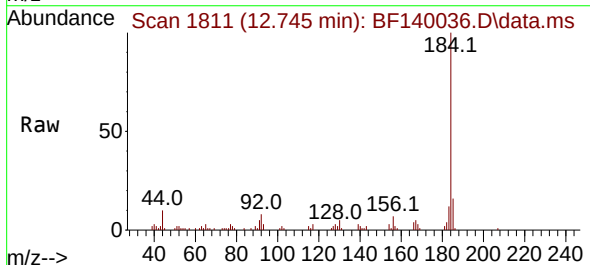
Instrument :
BNA_F
ClientSampleId :
BP-B5

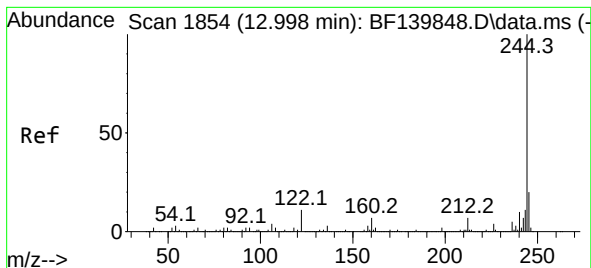
Tgt Ion:240 Resp: 220193
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.1 20.9 31.3



#77
Benzidine
Concen: 11.509 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140036.D
Acq: 25 Oct 2024 14:36

Tgt Ion:184 Resp: 41670
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 11.7 9.4 14.2





#79

Terphenyl-d14

Concen: 116.906 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140036.D

Acq: 25 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

BP-B5

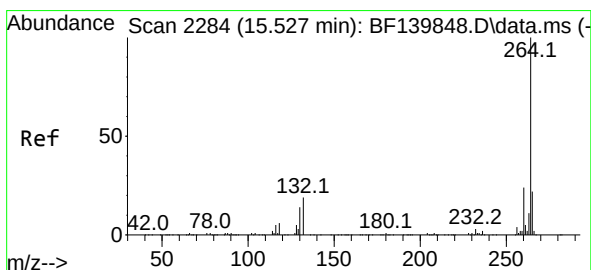
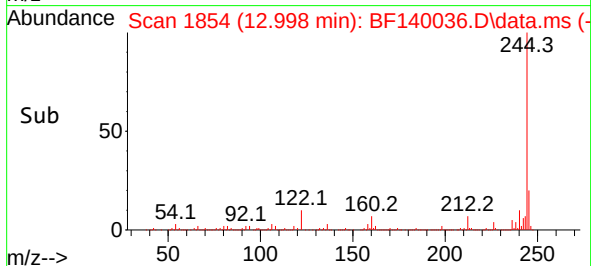
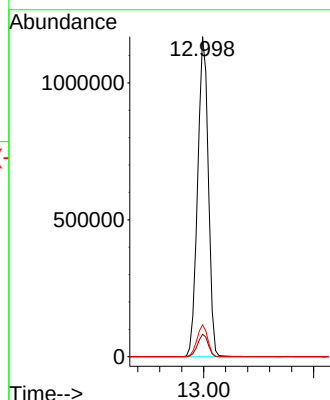
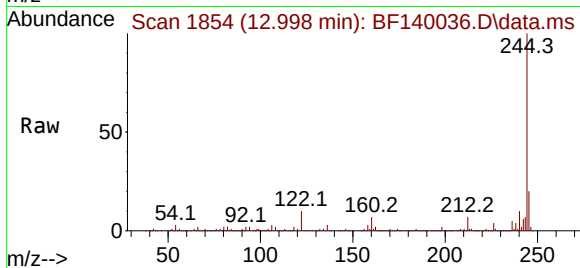
Tgt Ion:244 Resp: 1579755

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140036.D

Acq: 25 Oct 2024 14:36

Tgt Ion:264 Resp: 220291

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.1 17.4 26.0

