

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140111.D
 Acq On : 29 Oct 2024 14:42
 Operator : RC/JU
 Sample : P4578-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT-1

Quant Time: Oct 29 15:12:08 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)

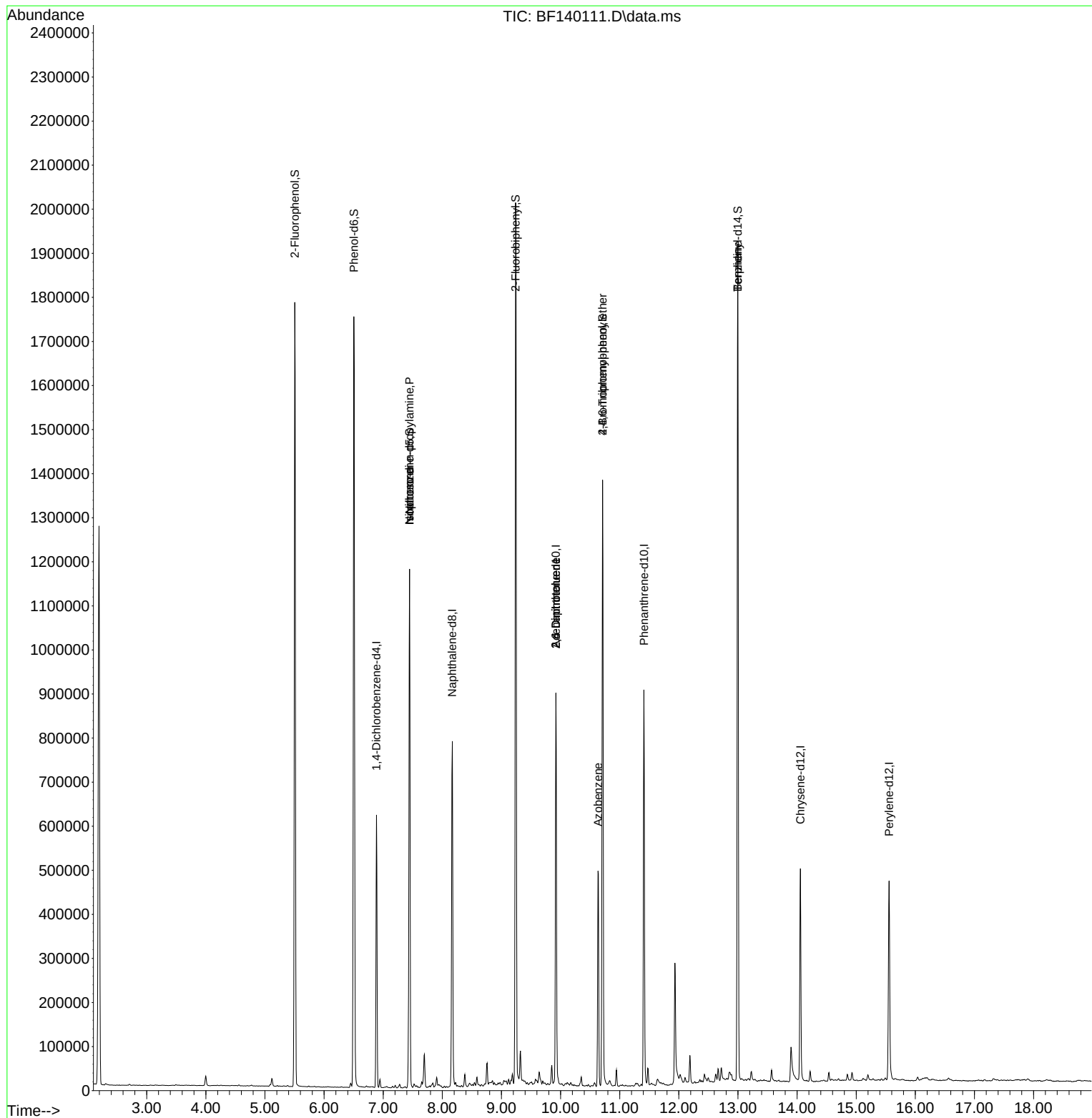
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	122139	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	478188	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	267029	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	461723	20.000	ng	0.00
76) Chrysene-d12	14.057	240	225154	20.000	ng	0.00
86) Perylene-d12	15.557	264	268509	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	647003	82.928	ng	0.00
7) Phenol-d6	6.504	99	834485	82.583	ng	0.00
23) Nitrobenzene-d5	7.445	82	517971	60.035	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	234385	93.840	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	938225	58.069	ng	-0.01
79) Terphenyl-d14	12.998	244	938369	67.911	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	68057	11.105	ng	# 78
25) Isophorone	7.445	82	514170	31.398	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	34374	9.545	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	34374	7.762	ng	# 21
63) Azobenzene	10.633	77	132706	7.665	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	15426	3.243	ng	# 1
77) Benzidine	12.998	184	11989	3.238	ng	# 93

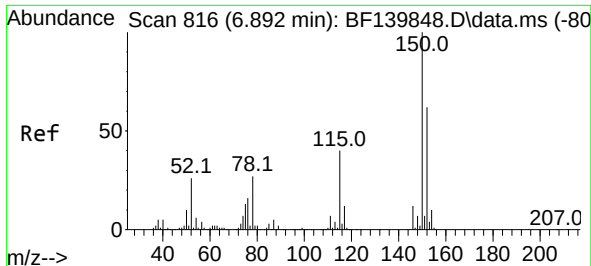
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140111.D
Acq On : 29 Oct 2024 14:42
Operator : RC/JU
Sample : P4578-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

Quant Time: Oct 29 15:12:08 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

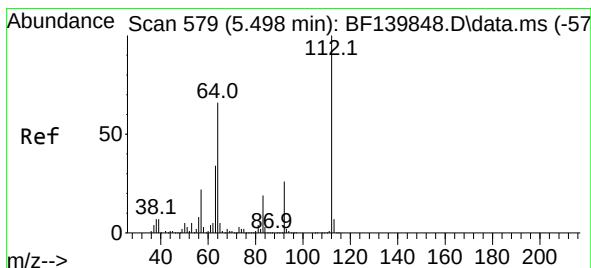
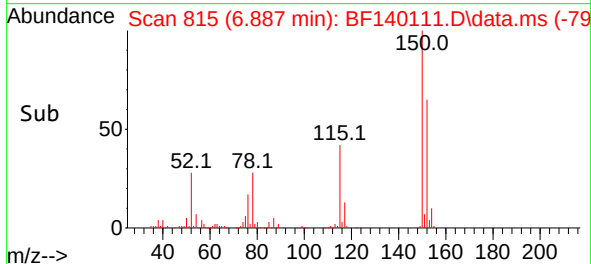
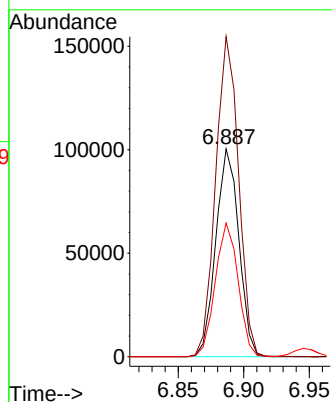
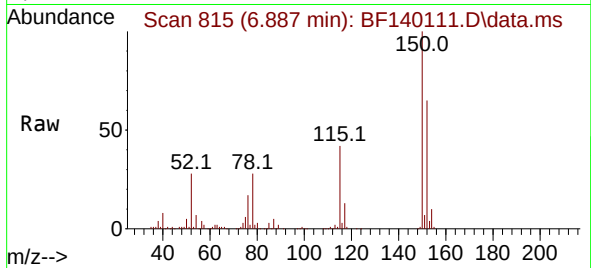




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

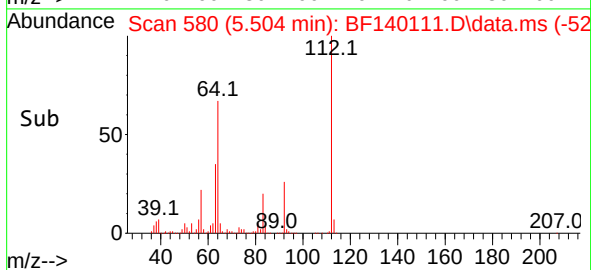
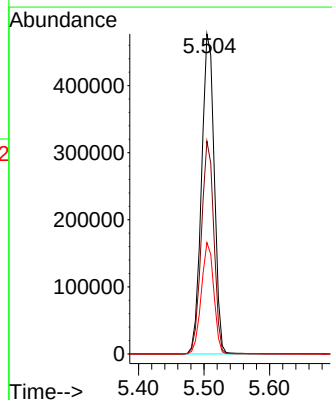
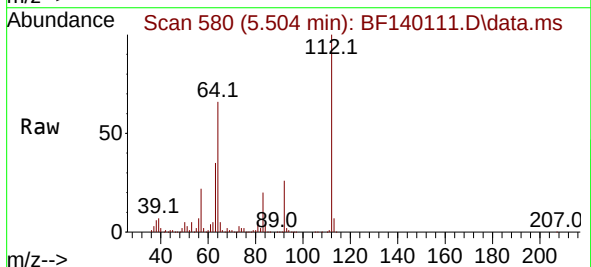
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

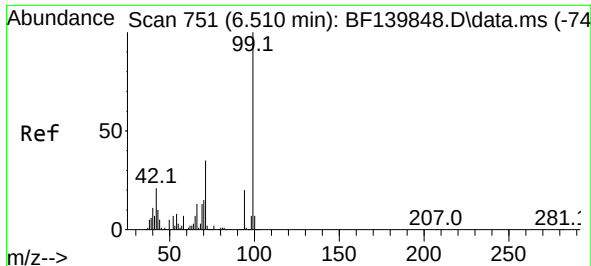
Tgt Ion:152 Resp: 122139
Ion Ratio Lower Upper
152 100
150 154.1 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 82.928 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion:112 Resp: 647003
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 34.8 27.0 40.4

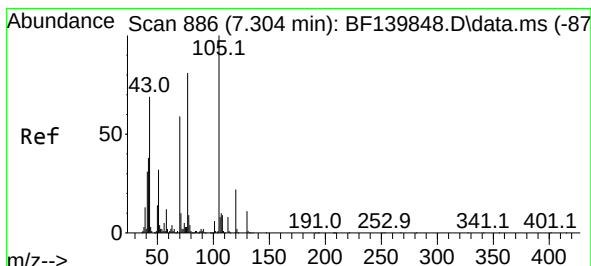
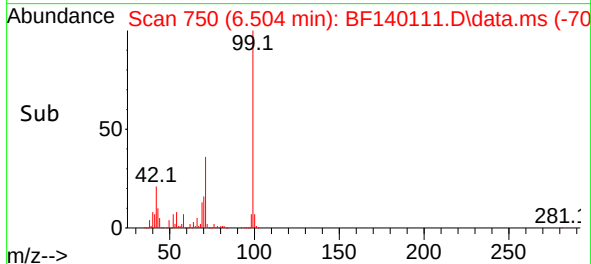
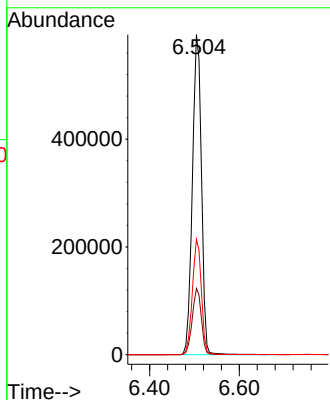
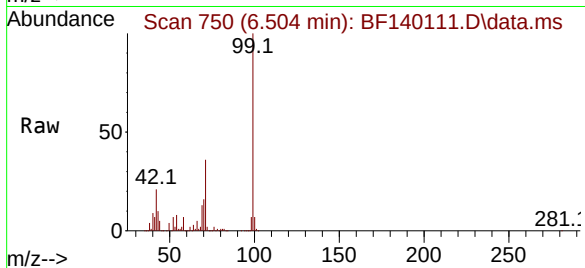




#7
Phenol-d6
Concen: 82.583 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

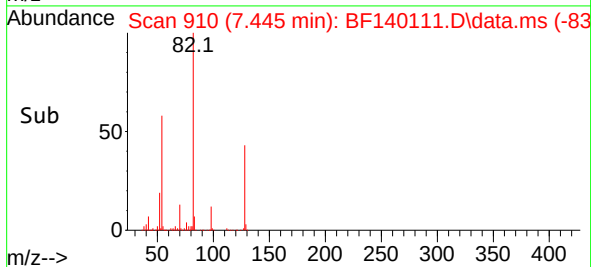
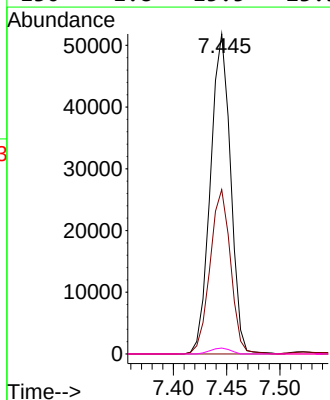
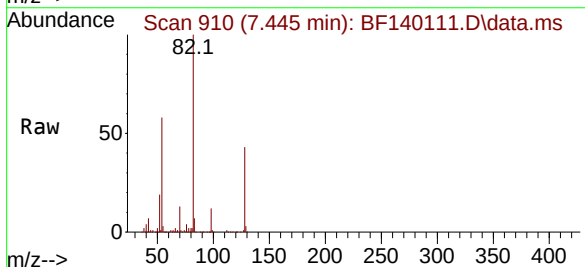
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

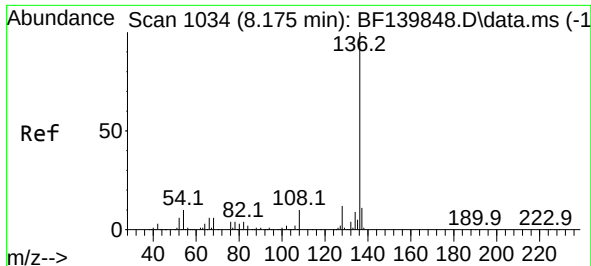
Tgt Ion: 99 Resp: 834485
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 36.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.105 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion: 70 Resp: 68057
Ion Ratio Lower Upper
70 100
42 51.3 51.5 77.3#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



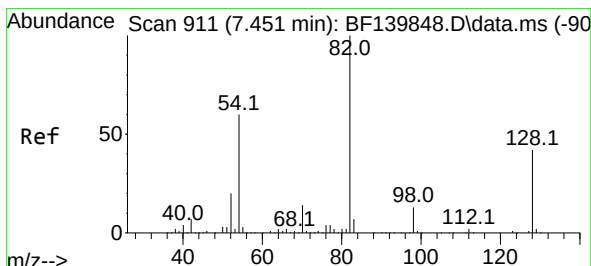
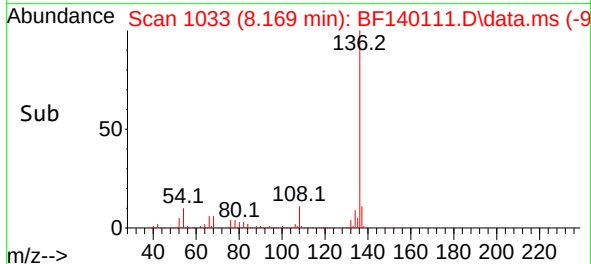
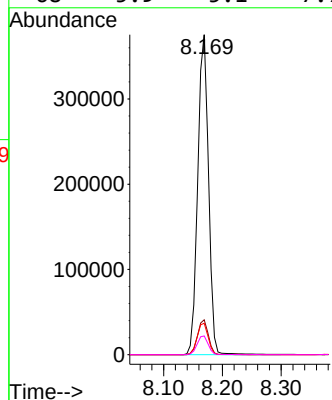
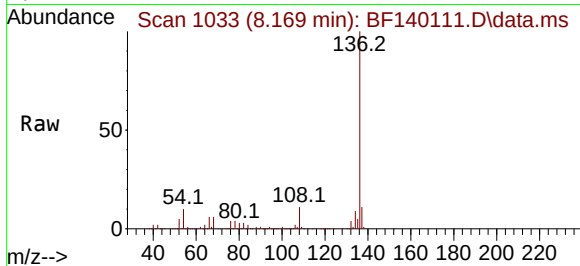


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

Tgt Ion:136 Resp: 478188

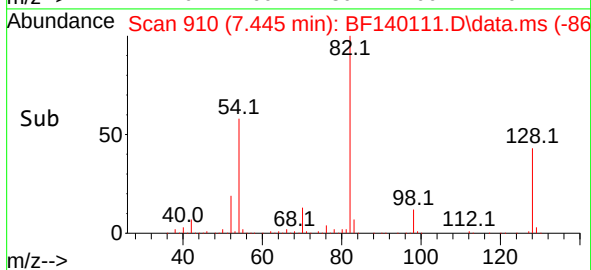
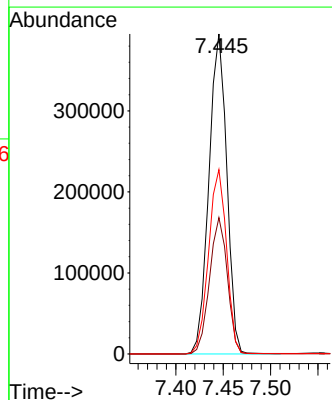
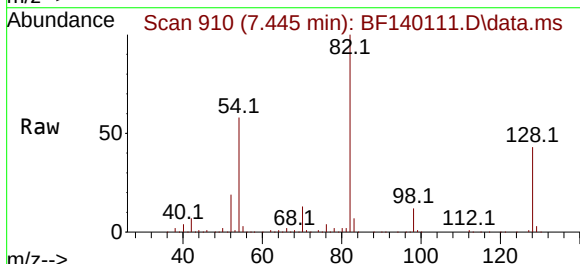
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	5.9	5.1	7.7

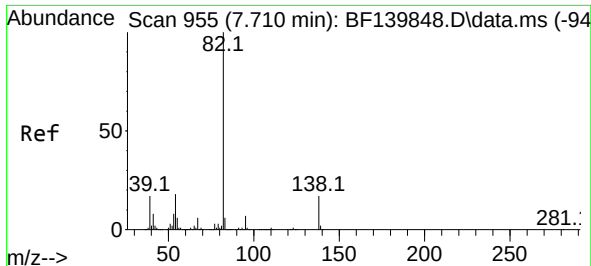


#23
Nitrobenzene-d5
Concen: 60.035 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion: 82 Resp: 517971

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	57.6	47.8	71.8

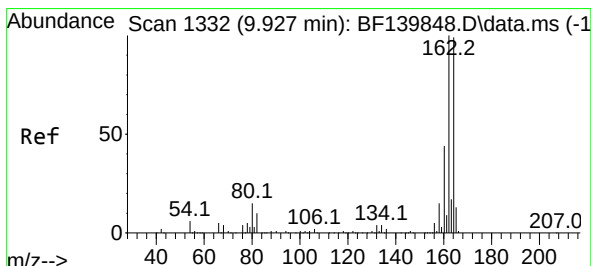
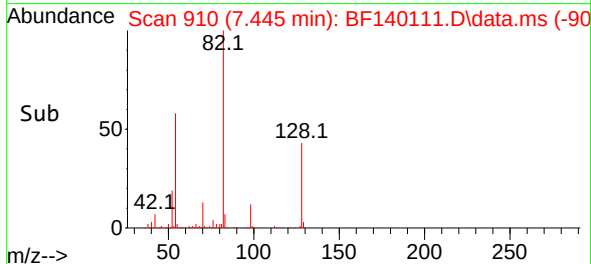
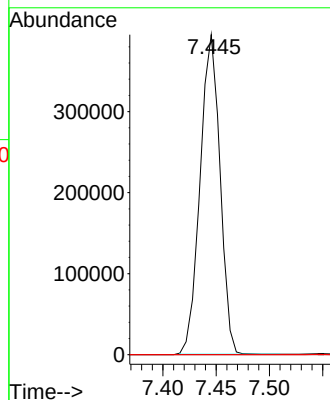
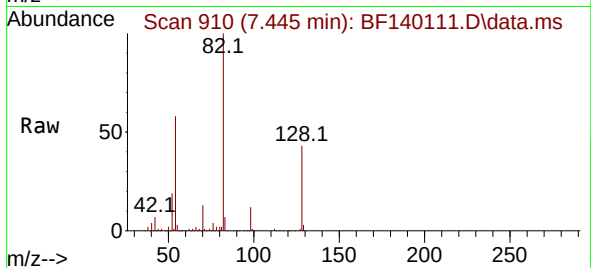




#25
Isophorone
Concen: 31.398 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

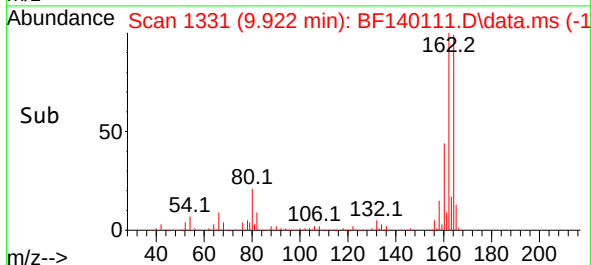
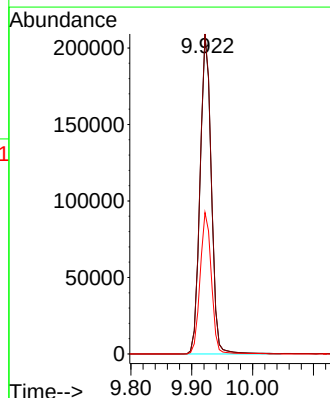
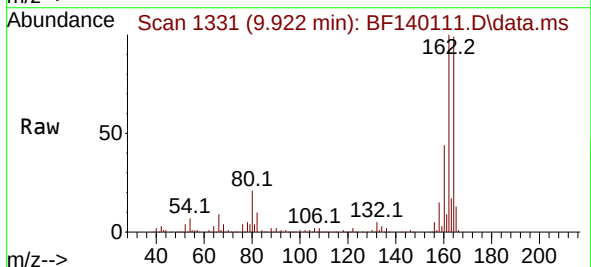
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

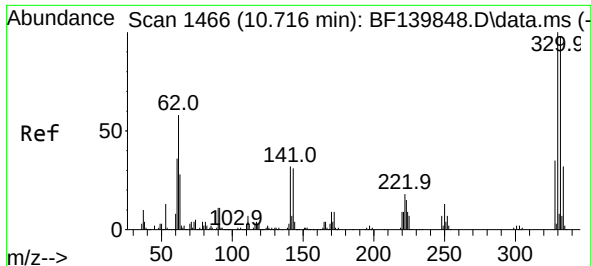
Tgt Ion: 82 Resp: 514170
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion: 164 Resp: 267029
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.840 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140111.D

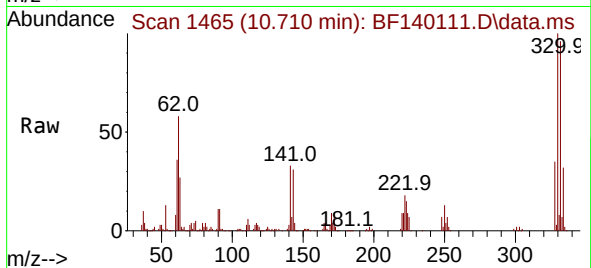
Acq: 29 Oct 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT-1



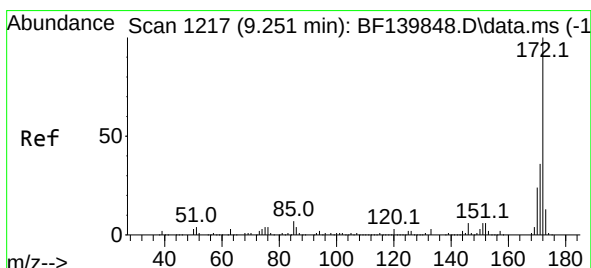
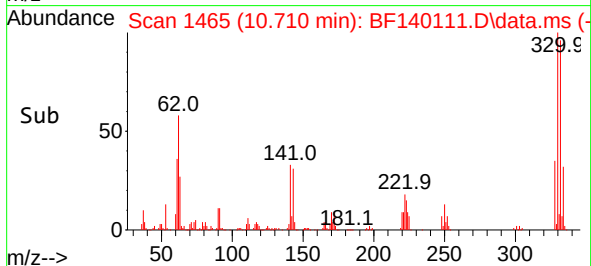
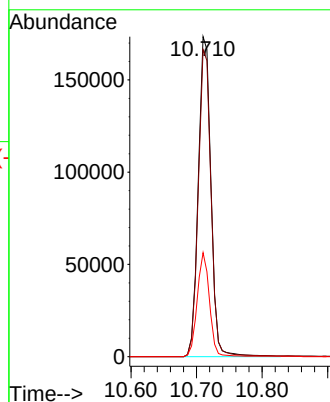
Tgt Ion:330 Resp: 234385

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 31.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 58.069 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140111.D

Acq: 29 Oct 2024 14:42

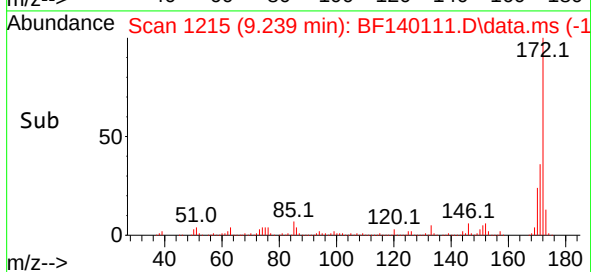
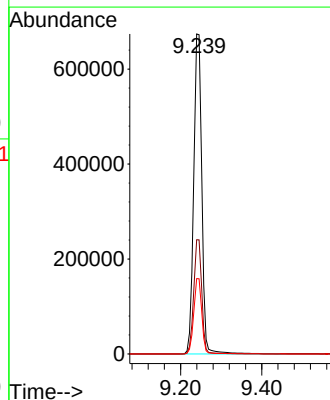
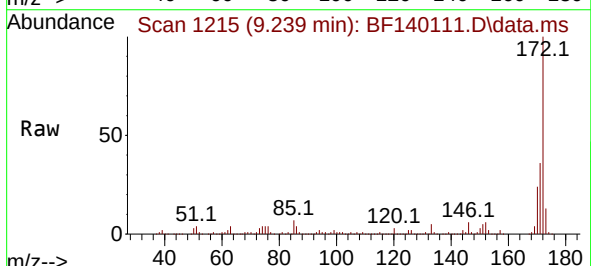
Tgt Ion:172 Resp: 938225

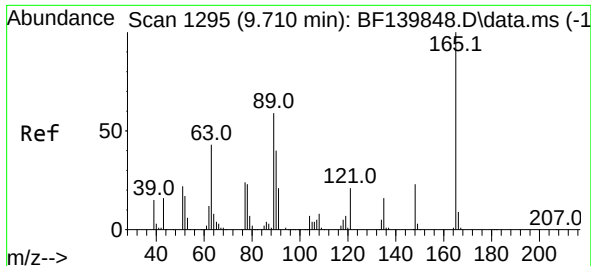
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.6 19.1 28.7

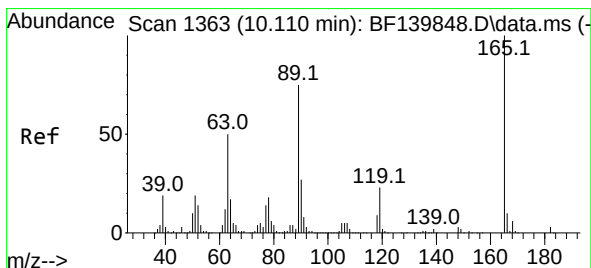
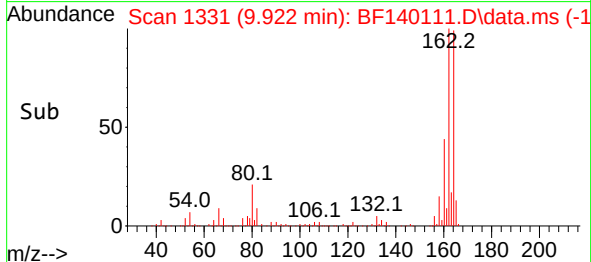
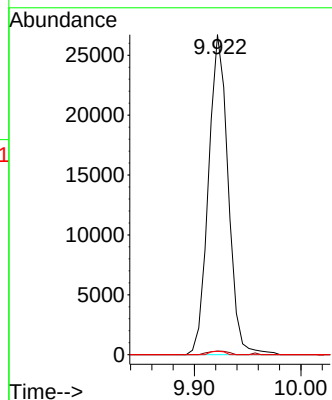
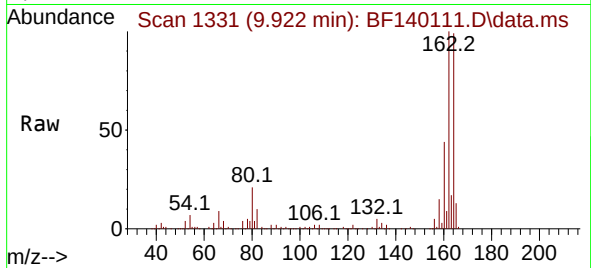




#51
2,6-Dinitrotoluene
Concen: 9.545 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

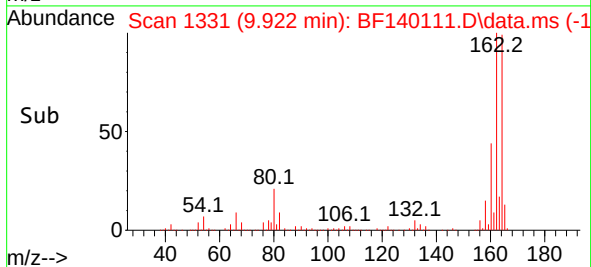
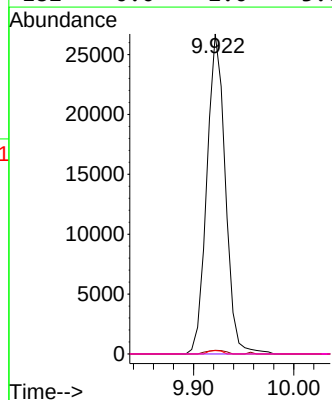
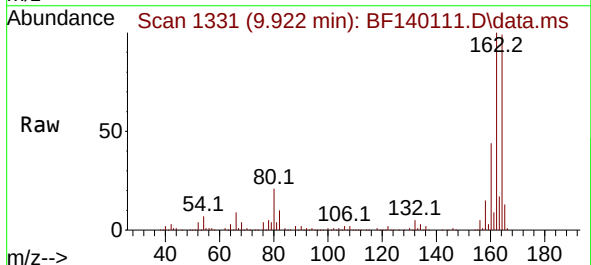
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

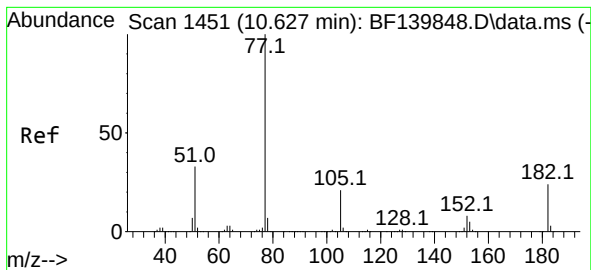
Tgt Ion:165 Resp: 34374
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.762 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion:165 Resp: 34374
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 7.665 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140111.D

Acq: 29 Oct 2024 14:42

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT-1

Tgt Ion: 77 Resp: 132706

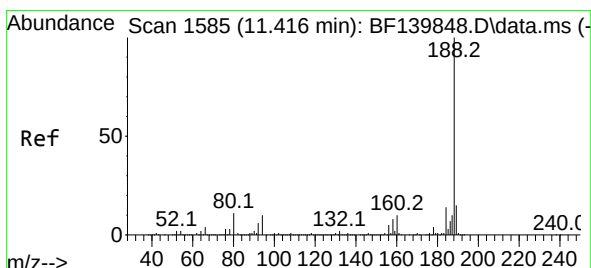
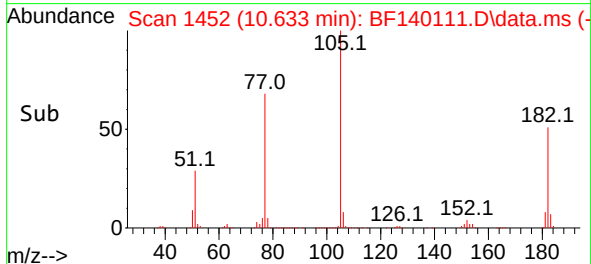
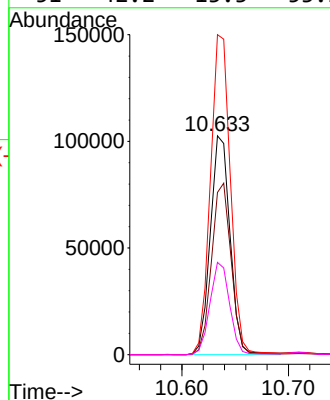
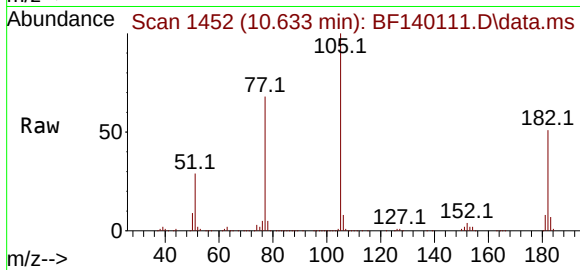
Ion Ratio Lower Upper

77 100

182 74.1 3.3 43.3#

105 146.2 1.2 41.2#

51 42.2 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140111.D

Acq: 29 Oct 2024 14:42

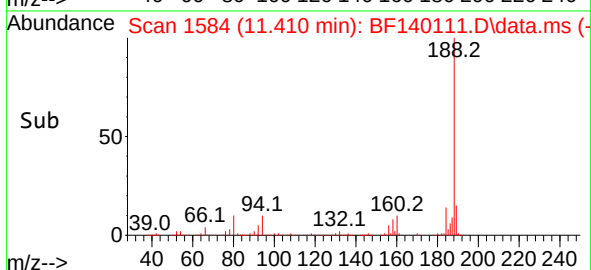
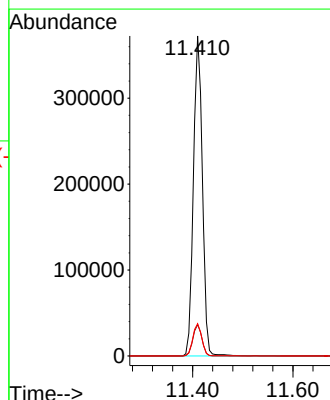
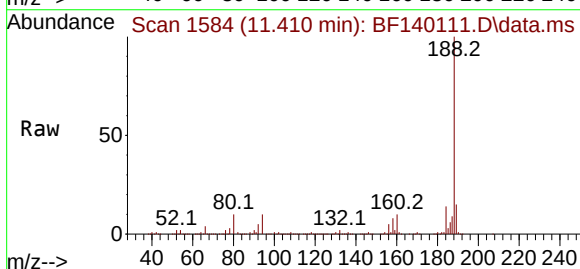
Tgt Ion: 188 Resp: 461723

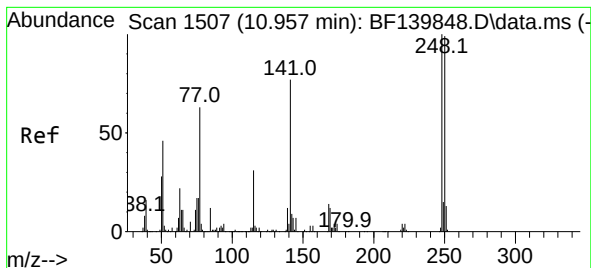
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.1 9.0 13.4

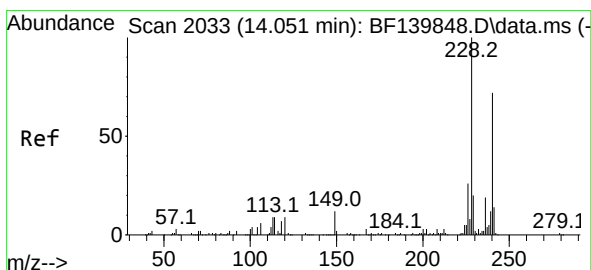
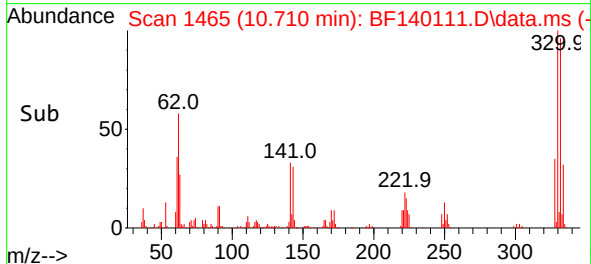
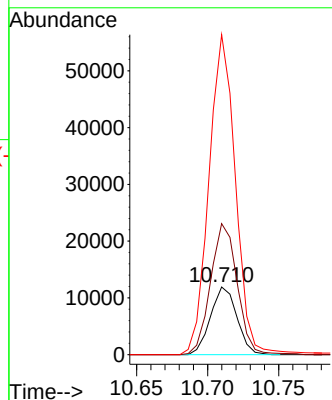
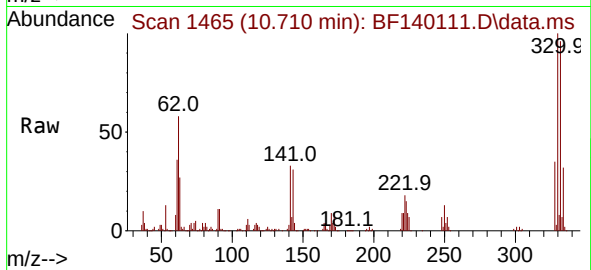




#67
4-Bromophenyl-phenylether
Concen: 3.243 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

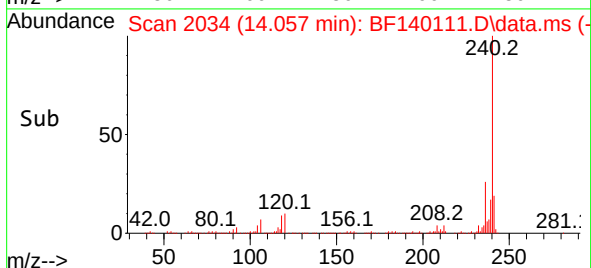
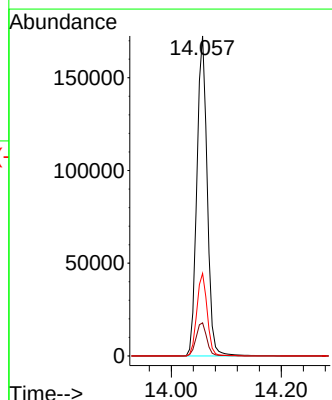
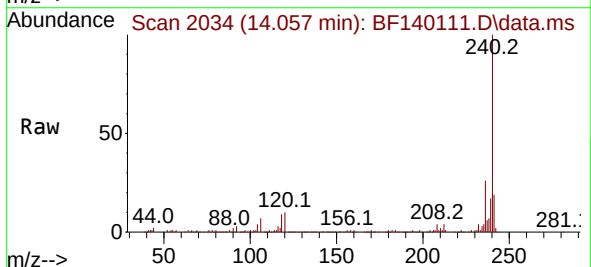
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

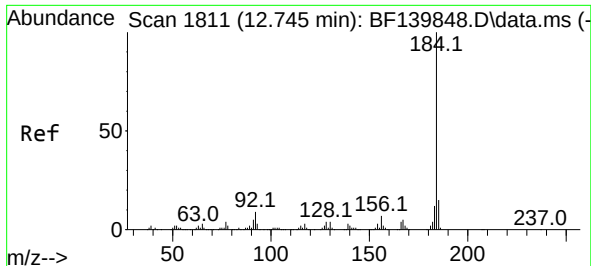
Tgt Ion:248 Resp: 15426
Ion Ratio Lower Upper
248 100
250 193.4 79.0 118.6#
141 472.4 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion:240 Resp: 225154
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.8 20.9 31.3

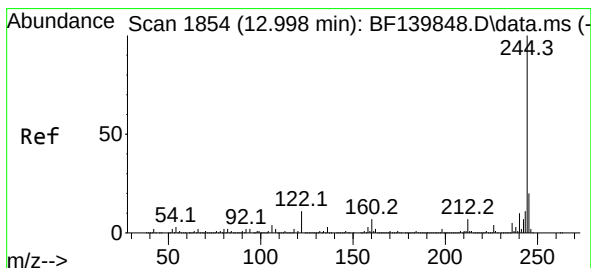
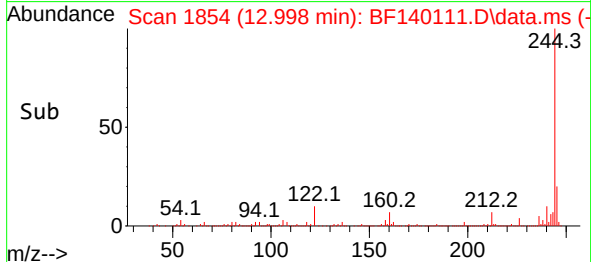
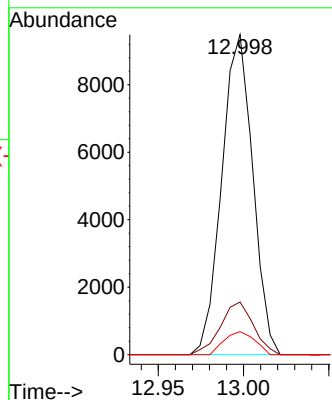
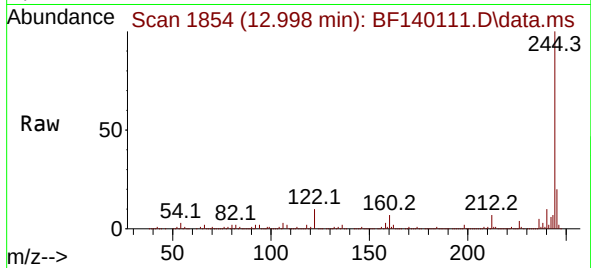




#77
Benzidine
Concen: 3.238 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

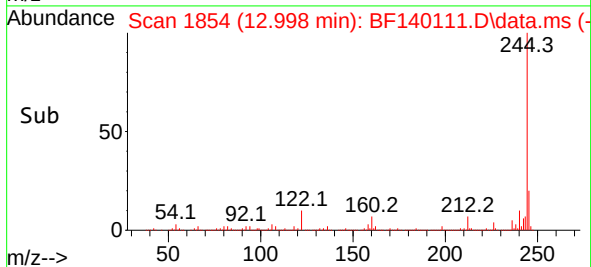
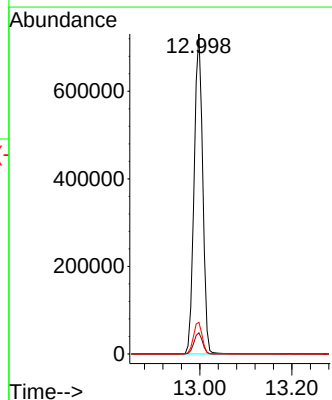
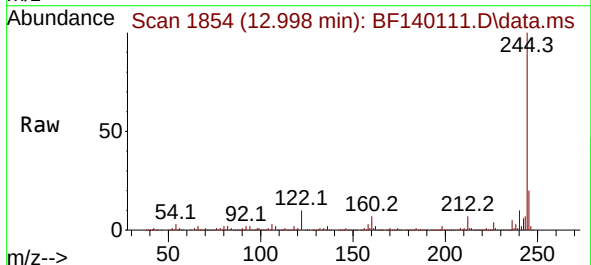
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT-1

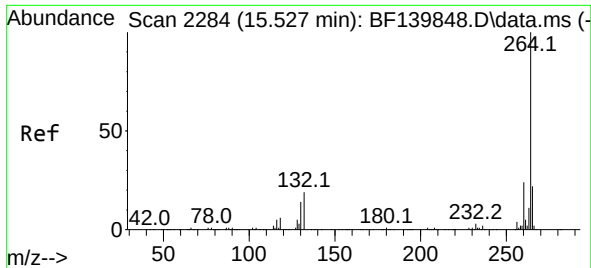
Tgt Ion:184 Resp: 11989
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 7.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.911 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140111.D
Acq: 29 Oct 2024 14:42

Tgt Ion:244 Resp: 938369
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.9 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: BF140111.D
 Acq: 29 Oct 2024 14:42

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT-1

Tgt Ion:264 Resp: 268509
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.1 17.4 26.0

