

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139975.D
 Acq On : 23 Oct 2024 20:22
 Operator : RC/JU
 Sample : P4397-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-SW

Quant Time: Oct 24 01:12:03 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)

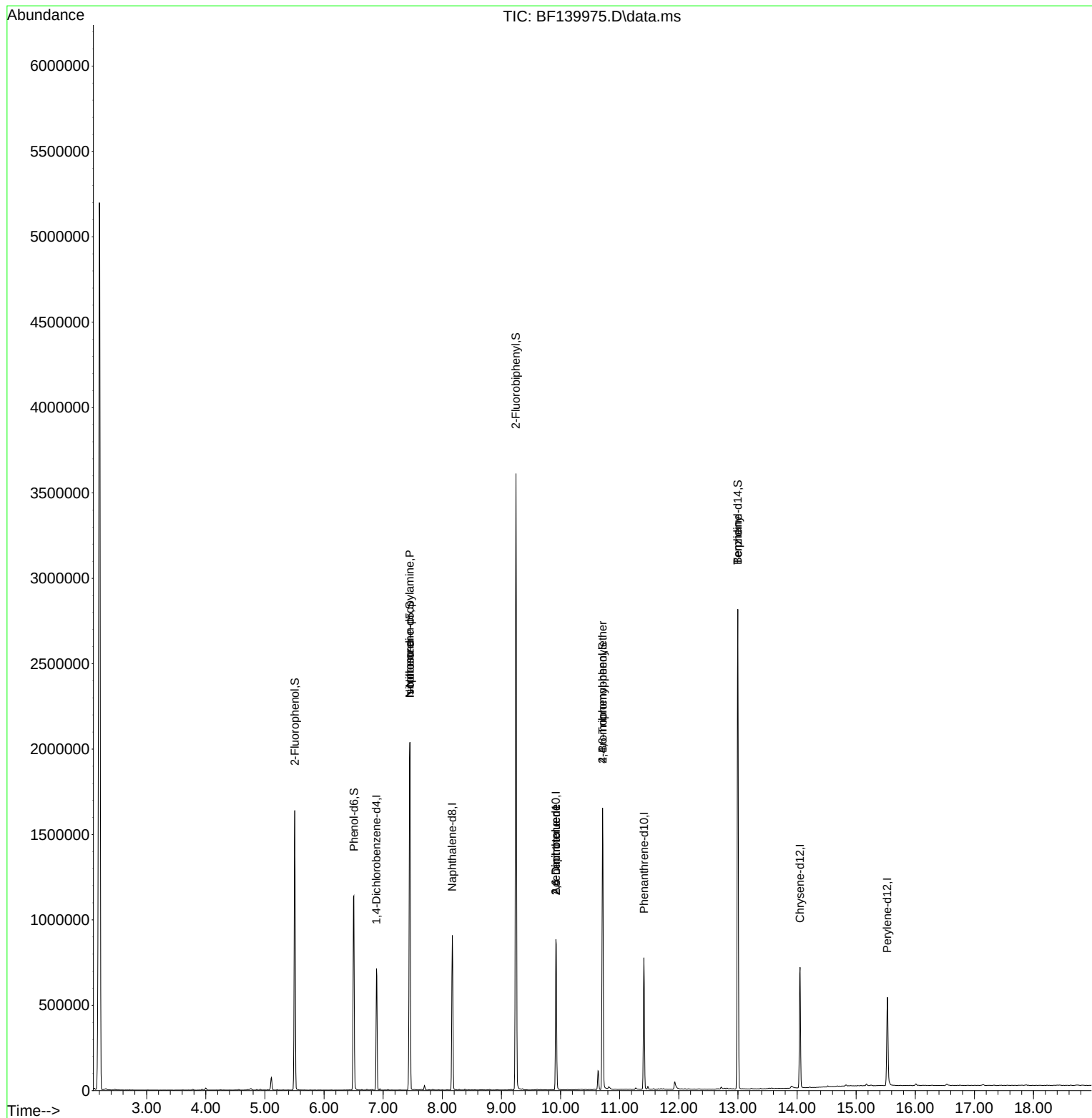
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	146831	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	541523	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	276437	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	397037	20.000	ng	0.00
76) Chrysene-d12	14.051	240	340671	20.000	ng	0.00
86) Perylene-d12	15.527	264	311683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	598372	63.797	ng	0.00
7) Phenol-d6	6.504	99	536909	44.199	ng	0.00
23) Nitrobenzene-d5	7.451	82	946599	96.882	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	290864	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1600028	95.659	ng	0.00
79) Terphenyl-d14	12.998	244	1406116	67.257	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	128837	17.487	ng	# 75
25) Isophorone	7.451	82	942849	50.842	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33842	9.077	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	33842	7.382	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	18388	4.496	ng	# 1
77) Benzidine	12.998	184	16136	2.881	ng	# 93

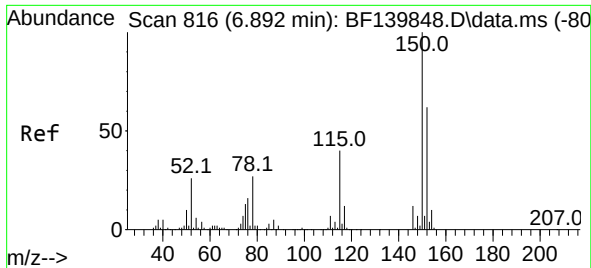
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139975.D
Acq On : 23 Oct 2024 20:22
Operator : RC/JU
Sample : P4397-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-SW

Quant Time: Oct 24 01:12:03 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

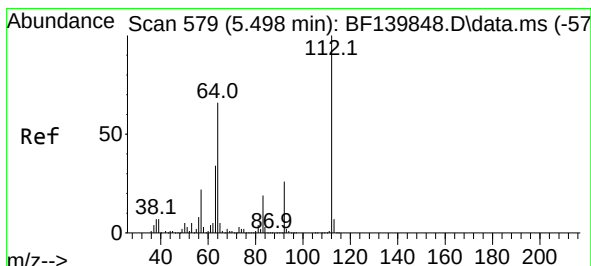
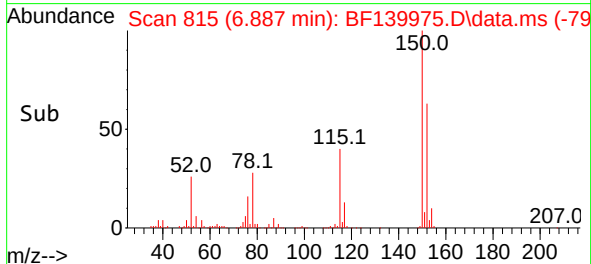
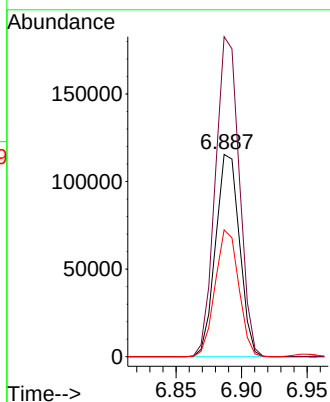
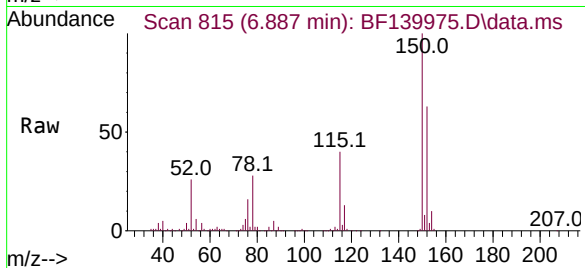




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: BF139975.D
 Acq: 23 Oct 2024 20:22

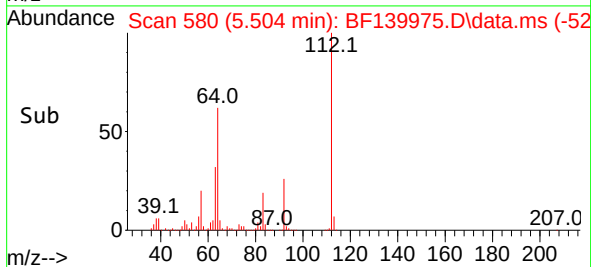
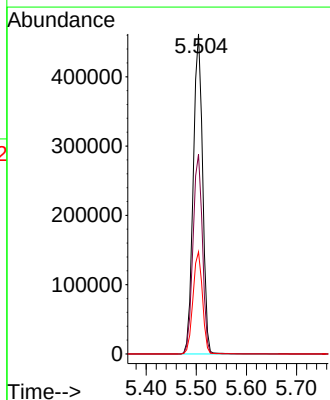
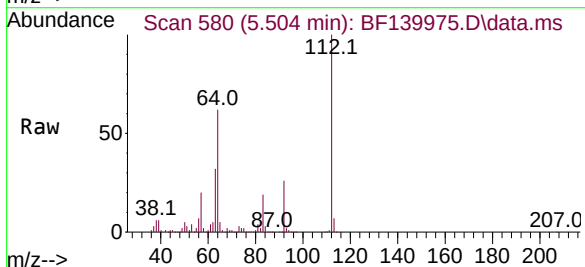
Instrument :
 BNA_F
 ClientSampleId :
 WB-301-SW

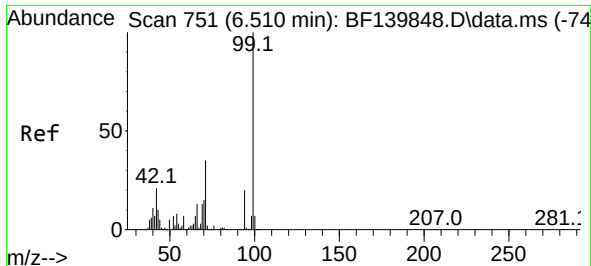
Tgt Ion:152 Resp: 146831
 Ion Ratio Lower Upper
 152 100
 150 158.2 130.2 195.2
 115 62.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 63.797 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF139975.D
 Acq: 23 Oct 2024 20:22

Tgt Ion:112 Resp: 598372
 Ion Ratio Lower Upper
 112 100
 64 62.4 53.0 79.6
 63 31.9 27.0 40.4

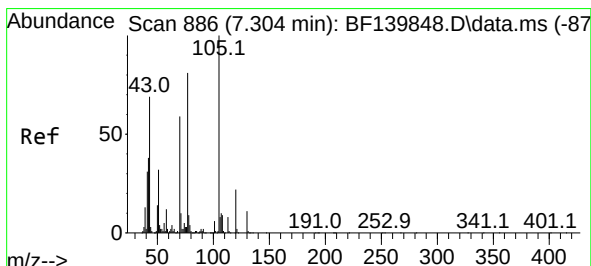
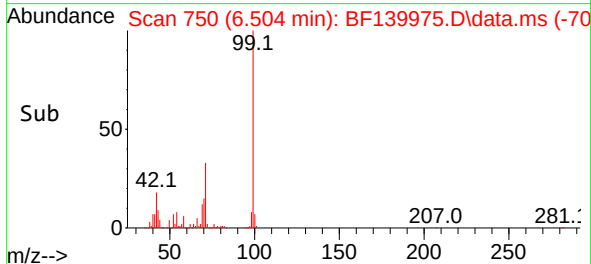
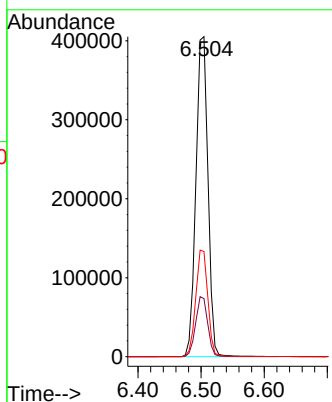
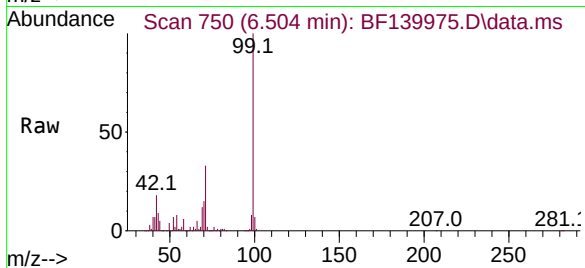




#7
Phenol-d6
Concen: 44.199 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

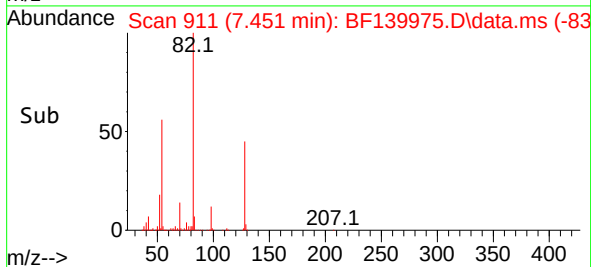
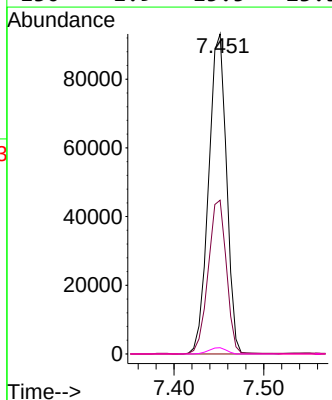
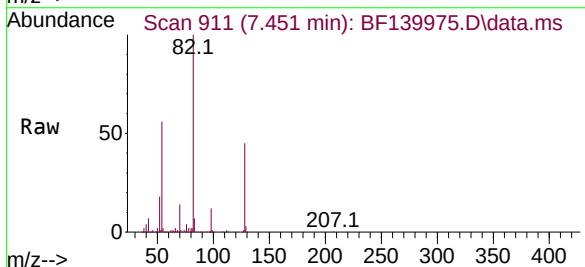
Instrument :
BNA_F
ClientSampleId :
WB-301-SW

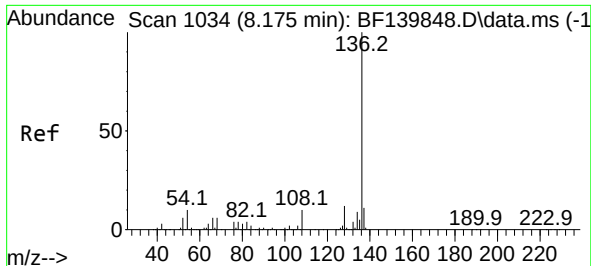
Tgt Ion: 99 Resp: 536909
Ion Ratio Lower Upper
99 100
42 18.1 16.7 25.1
71 32.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.487 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Tgt Ion: 70 Resp: 128837
Ion Ratio Lower Upper
70 100
42 48.0 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



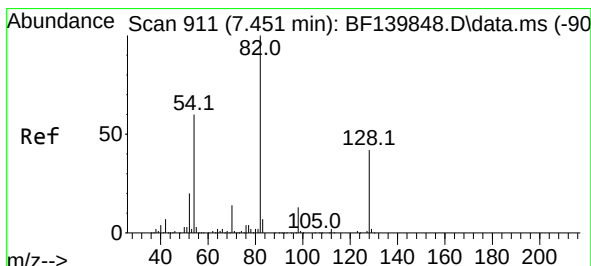
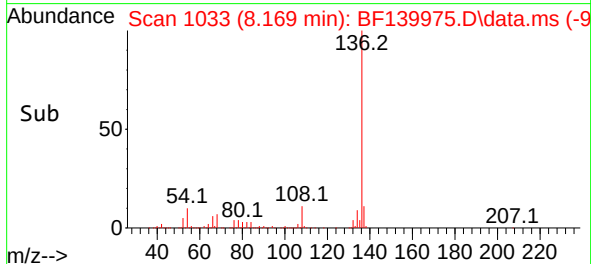
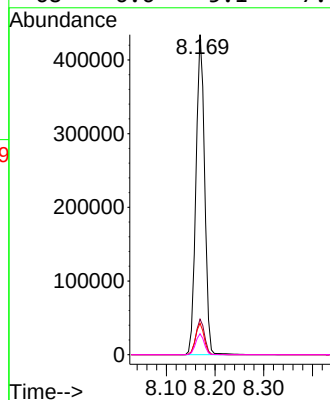
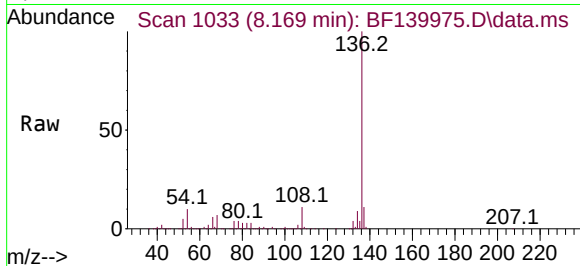


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Instrument :
BNA_F
ClientSampleId :
WB-301-SW

Tgt Ion:136 Resp: 541523

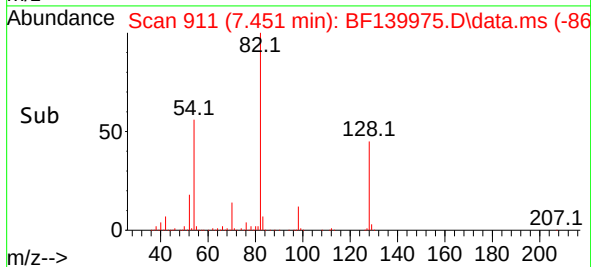
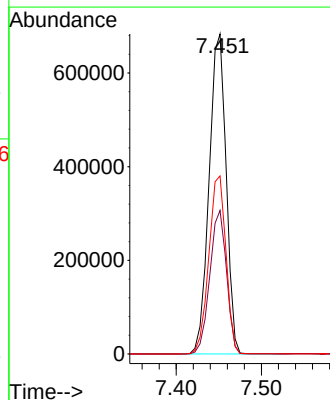
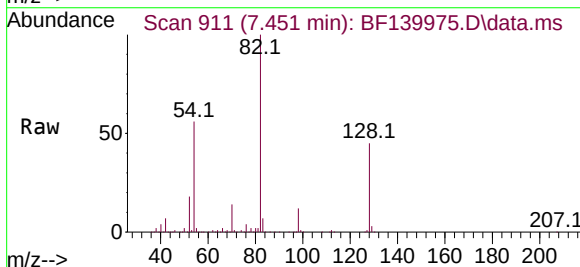
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.8	8.4	12.6
68	6.6	5.1	7.7

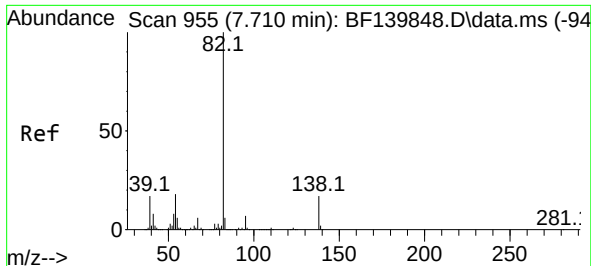


#23
Nitrobenzene-d5
Concen: 96.882 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Tgt Ion: 82 Resp: 946599

Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.4	50.0
54	55.6	47.8	71.8

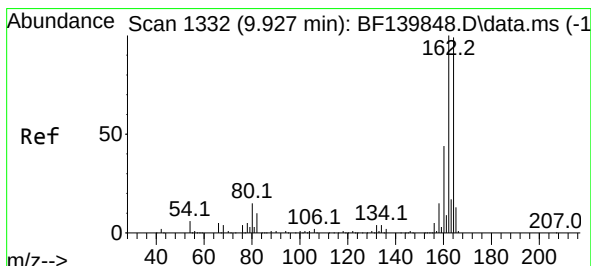
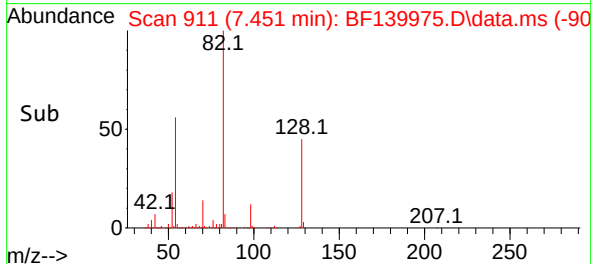
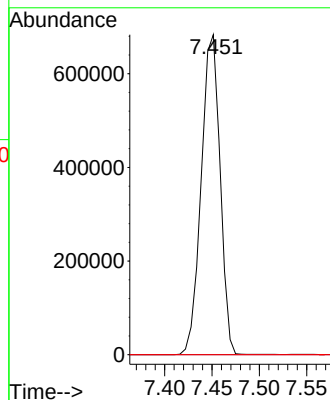
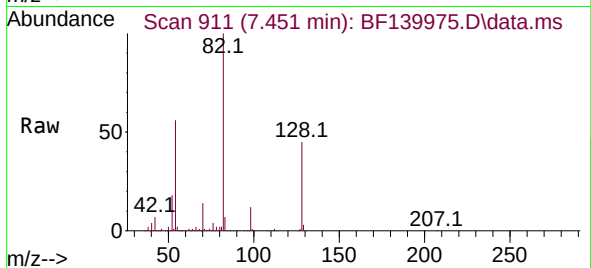




#25
Isophorone
Concen: 50.842 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

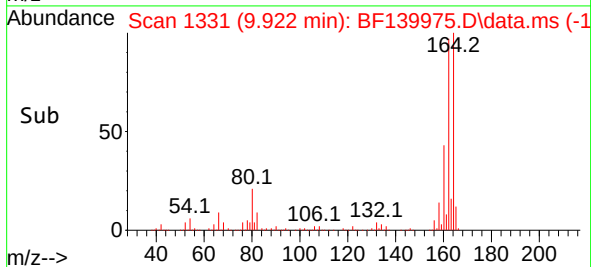
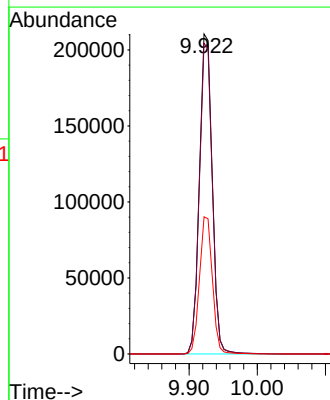
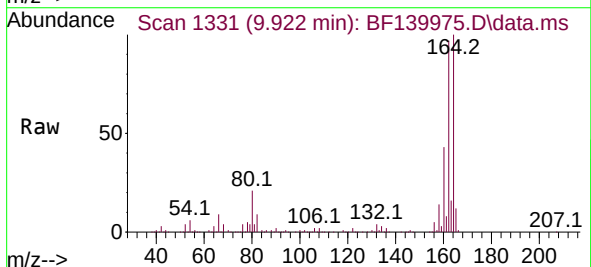
Instrument :
BNA_F
ClientSampleId :
WB-301-SW

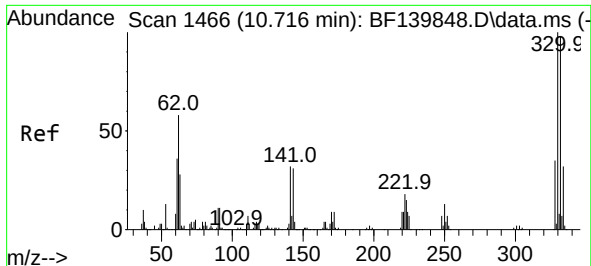
Tgt Ion: 82 Resp: 942849
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Tgt Ion: 164 Resp: 276437
Ion Ratio Lower Upper
164 100
162 97.1 81.0 121.4
160 42.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 112.489 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

Instrument :

BNA_F

ClientSampleId :

WB-301-SW

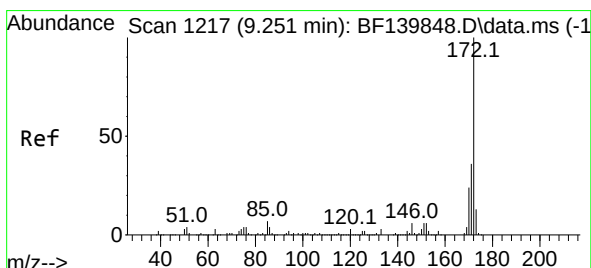
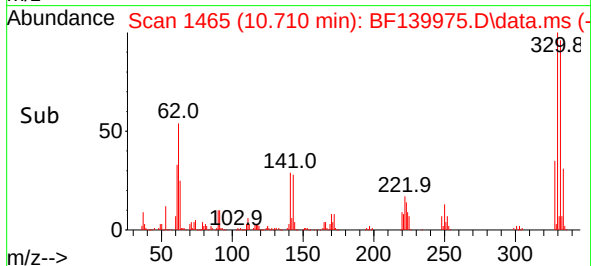
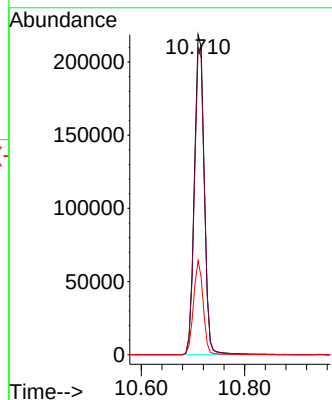
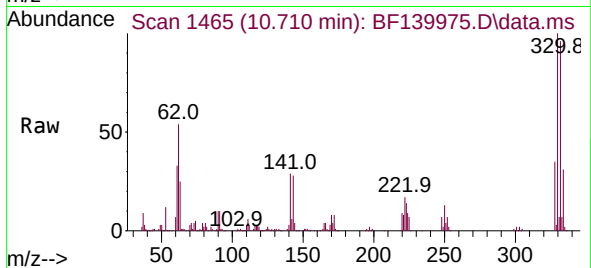
Tgt Ion:330 Resp: 290864

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 28.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 95.659 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

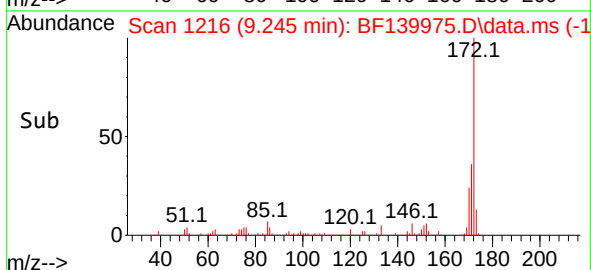
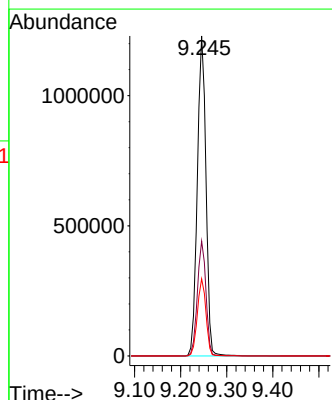
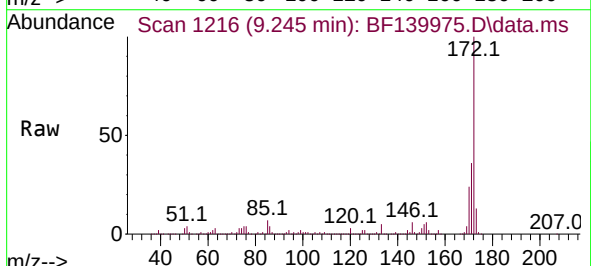
Tgt Ion:172 Resp: 1600028

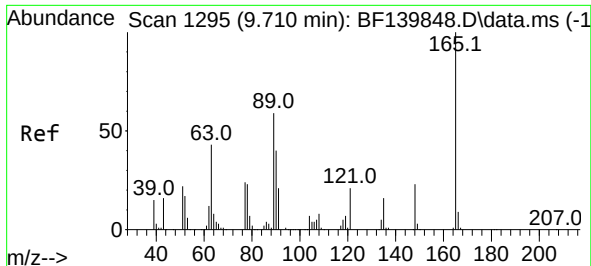
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.1 28.7

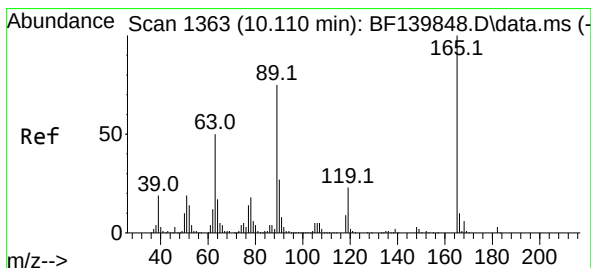
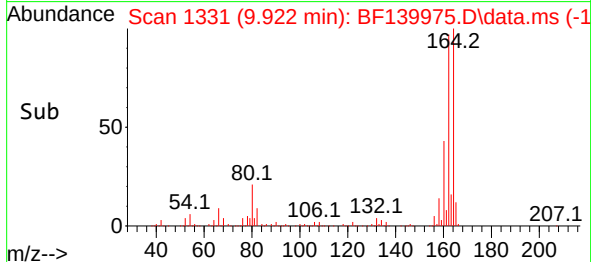
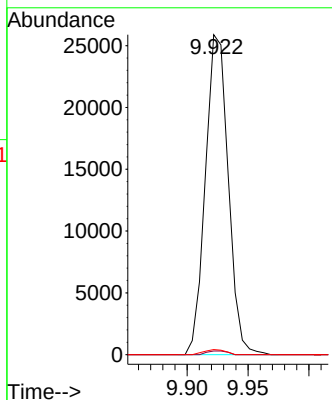
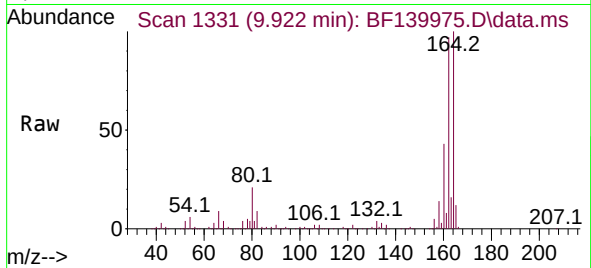




#51
2,6-Dinitrotoluene
Concen: 9.077 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

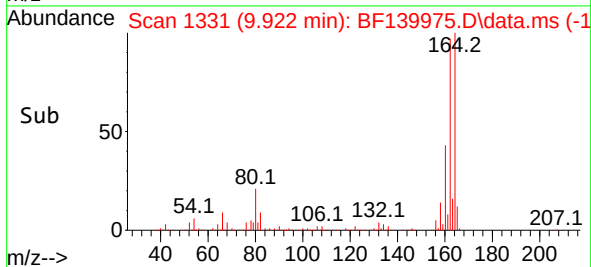
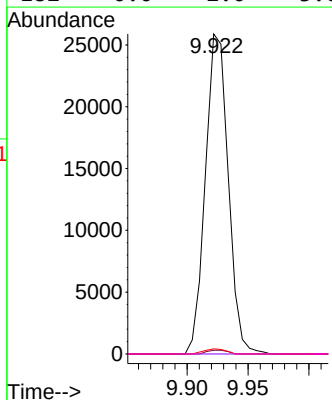
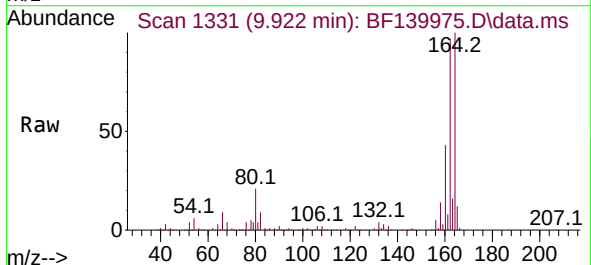
Instrument :
BNA_F
ClientSampleId :
WB-301-SW

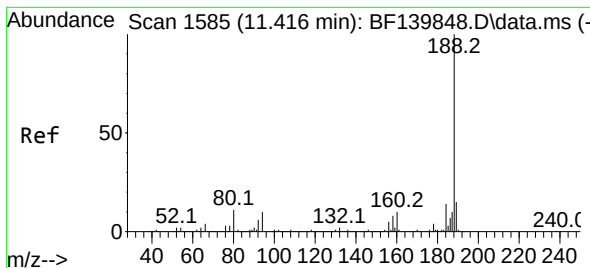
Tgt Ion:165 Resp: 33842
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.6 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.382 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139975.D
Acq: 23 Oct 2024 20:22

Tgt Ion:165 Resp: 33842
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.6 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: BF139975.D

Acq: 23 Oct 2024 20:22

Instrument :

BNA_F

ClientSampleId :

WB-301-SW

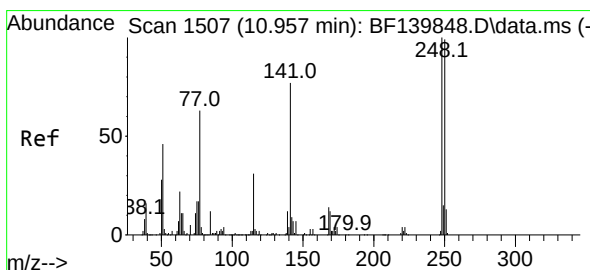
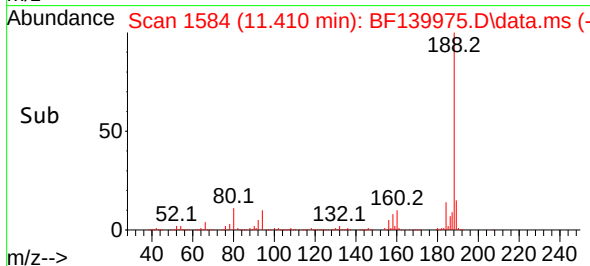
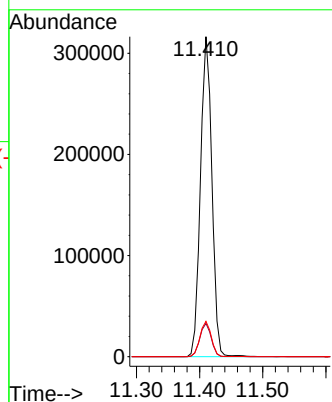
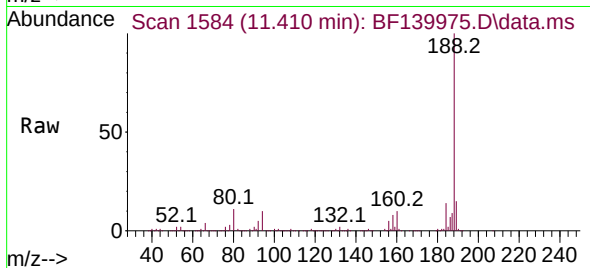
Tgt Ion:188 Resp: 397037

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.496 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

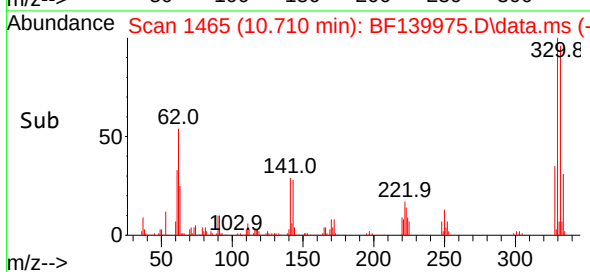
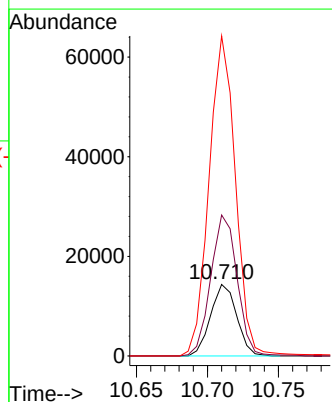
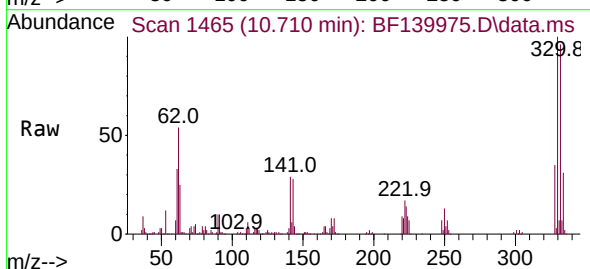
Tgt Ion:248 Resp: 18388

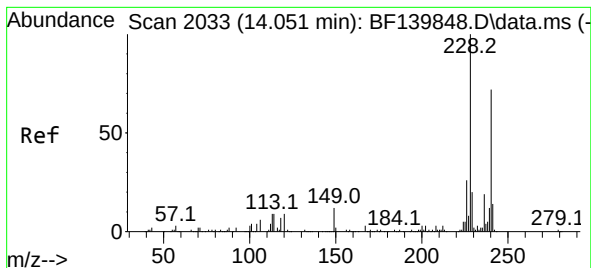
Ion Ratio Lower Upper

248 100

250 196.9 79.0 118.6#

141 447.0 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

Instrument :

BNA_F

ClientSampleId :

WB-301-SW

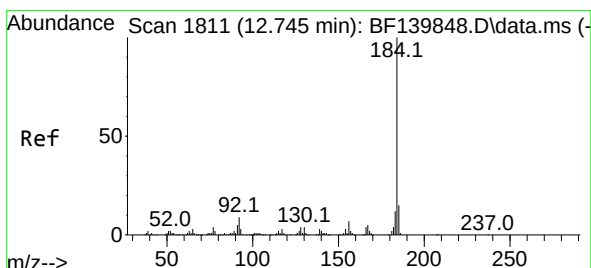
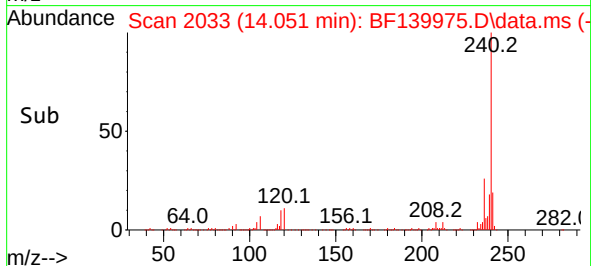
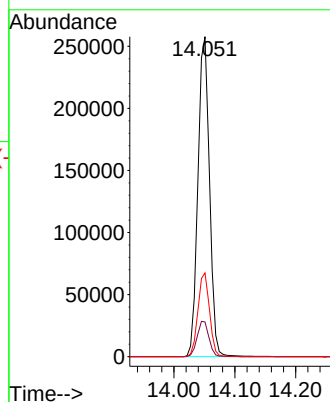
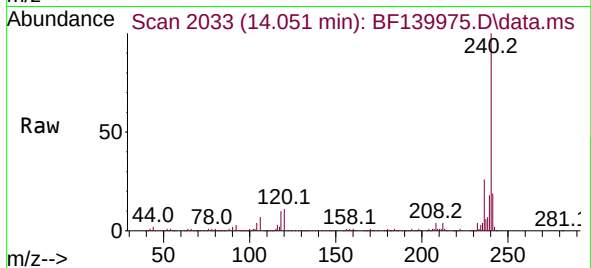
Tgt Ion:240 Resp: 340671

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.2 20.9 31.3



#77

Benzidine

Concen: 2.881 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139975.D

Acq: 23 Oct 2024 20:22

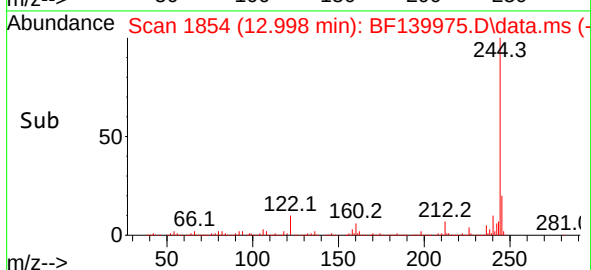
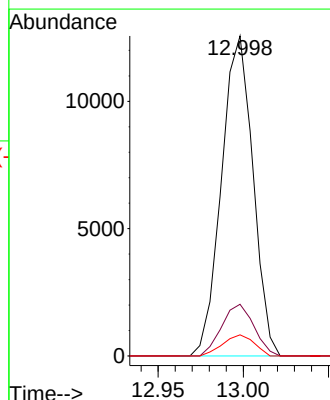
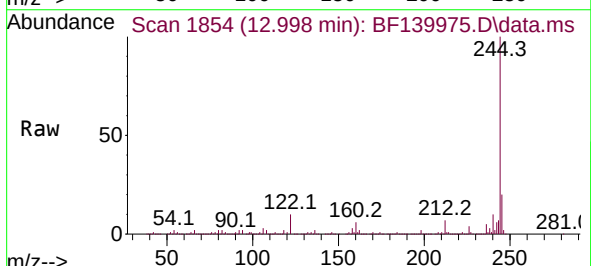
Tgt Ion:184 Resp: 16136

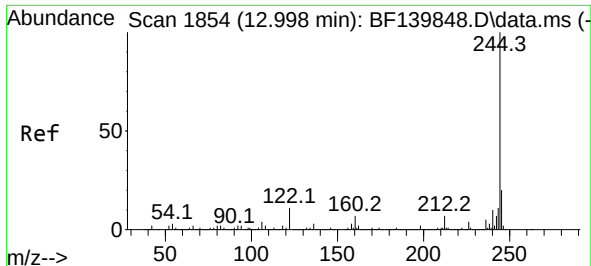
Ion Ratio Lower Upper

184 100

185 16.1 12.0 18.0

183 6.6 9.4 14.2#

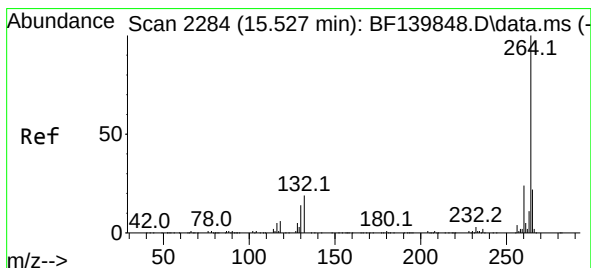
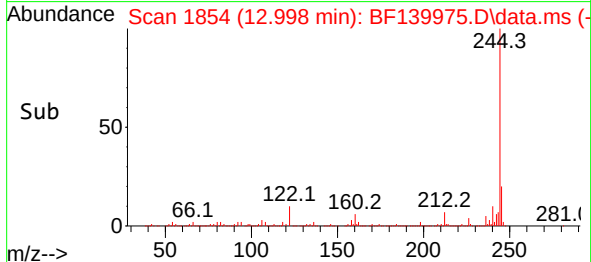
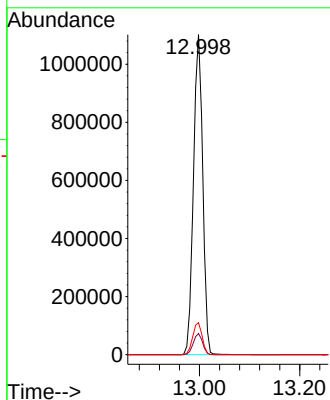
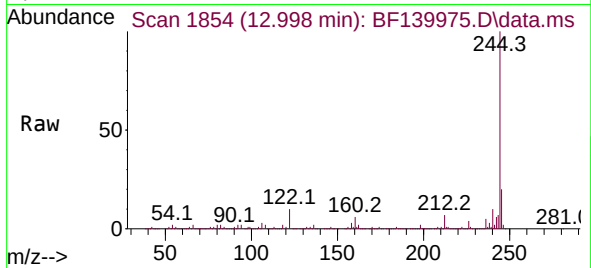




#79
 Terphenyl-d14
 Concen: 67.257 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139975.D
 Acq: 23 Oct 2024 20:22

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-SW

Tgt Ion:244 Resp: 1406116
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.0 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: BF139975.D
 Acq: 23 Oct 2024 20:22

Tgt Ion:264 Resp: 311683
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.2 17.4 26.0

