

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140047.D
 Acq On : 25 Oct 2024 19:46
 Operator : RC/JU
 Sample : P4517-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NASSAU-ST-CO

Quant Time: Oct 25 22:43:31 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)

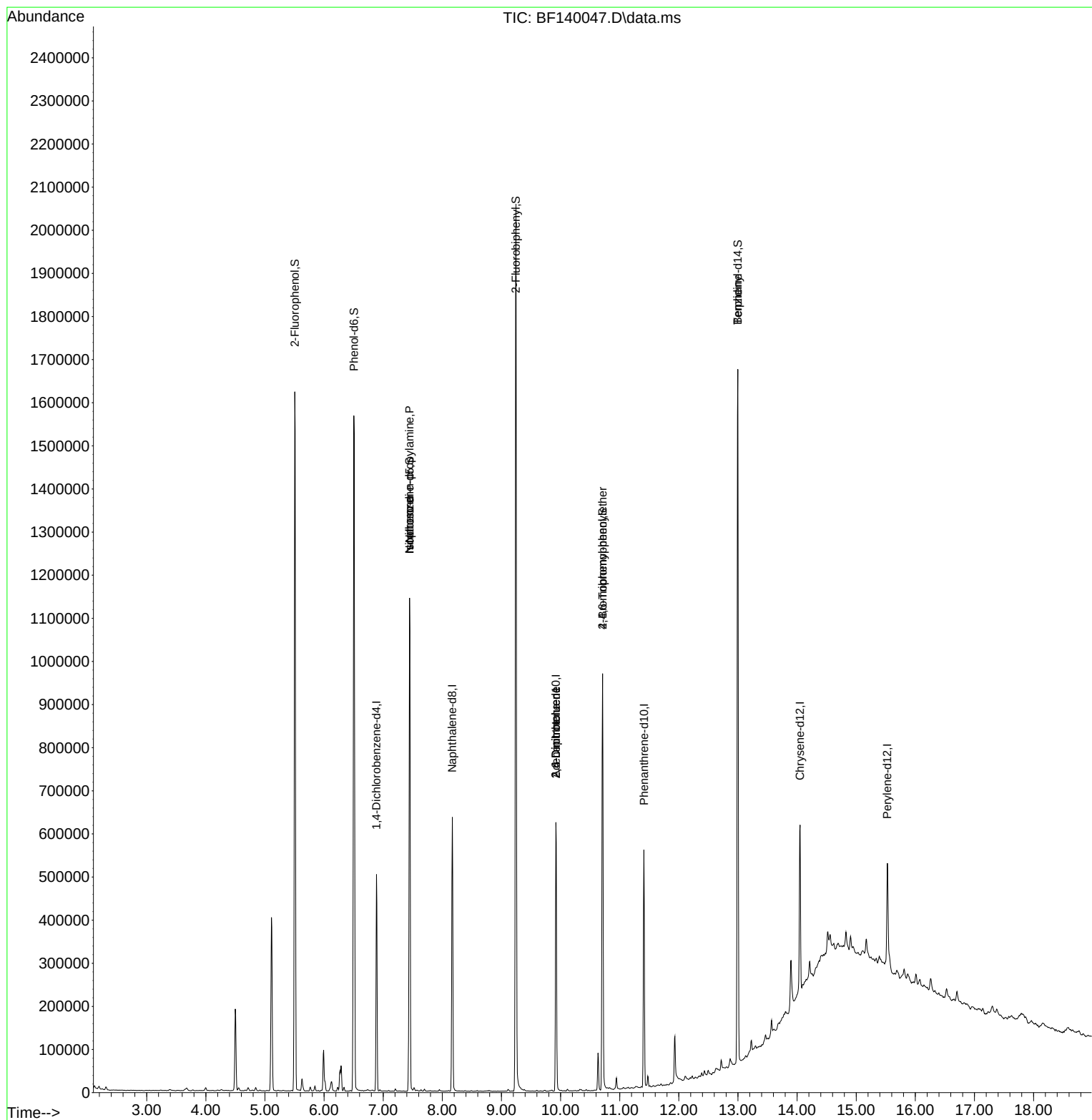
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100159	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	377043	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	189805	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286510	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193966	20.000	ng	0.00
86) Perylene-d12	15.527	264	150645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	600578	93.871	ng	0.00
7) Phenol-d6	6.504	99	758994	91.596	ng	0.00
23) Nitrobenzene-d5	7.445	82	515665	75.800	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	163717	92.215	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	932389	81.186	ng	0.00
79) Terphenyl-d14	12.998	244	804806	67.611	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	70341	13.996	ng	# 76
25) Isophorone	7.445	82	512064	39.658	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	24155	9.436	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	24155	7.673	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	10437	3.536	ng	# 1
77) Benzidine	12.998	184	10580	3.317	ng	# 94

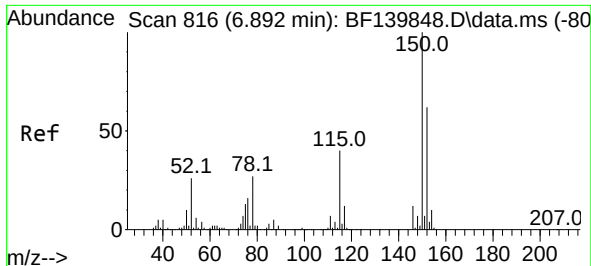
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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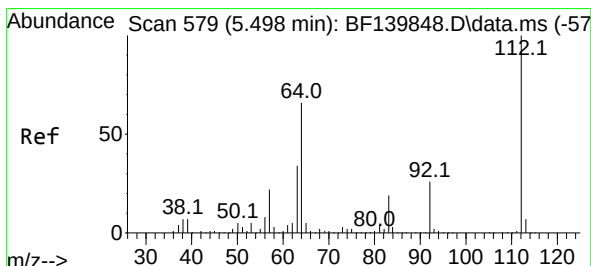
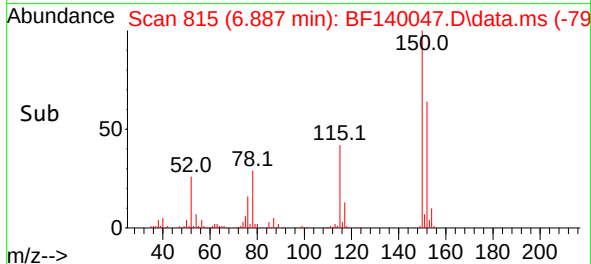
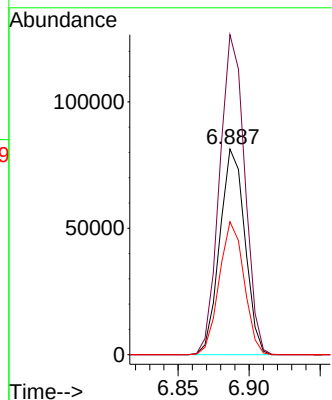
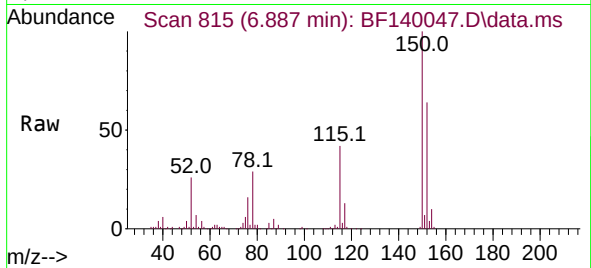




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

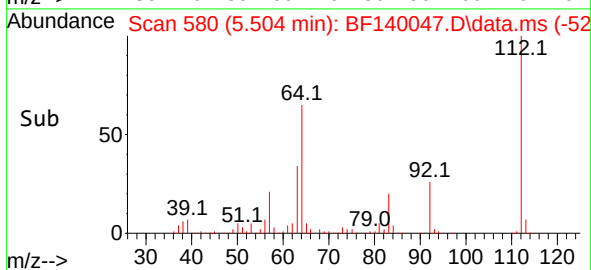
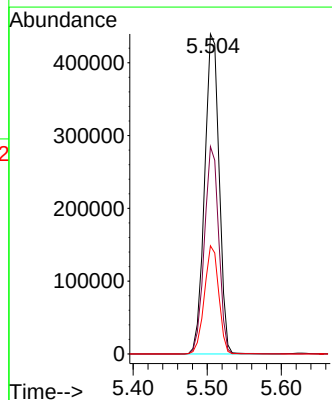
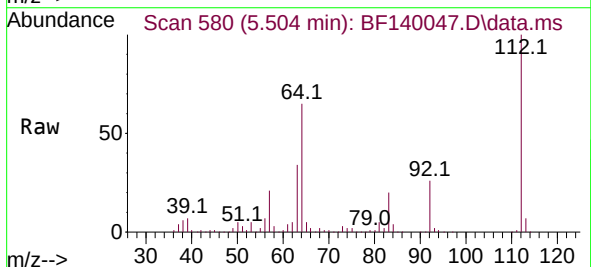
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

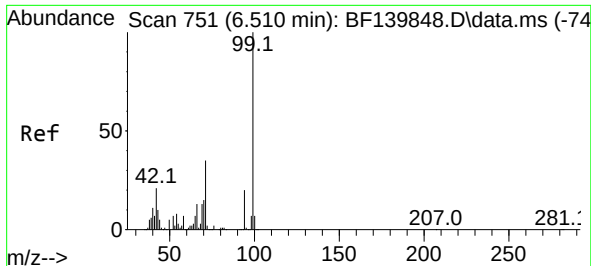
Tgt Ion:152 Resp: 100159
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 93.871 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion:112 Resp: 600578
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.8 27.0 40.4

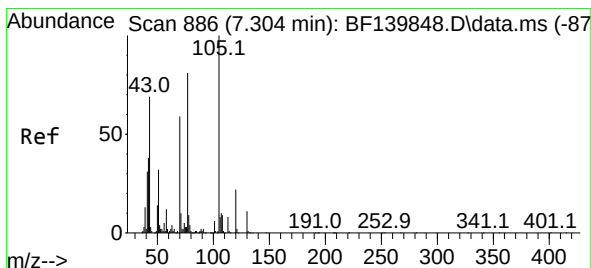
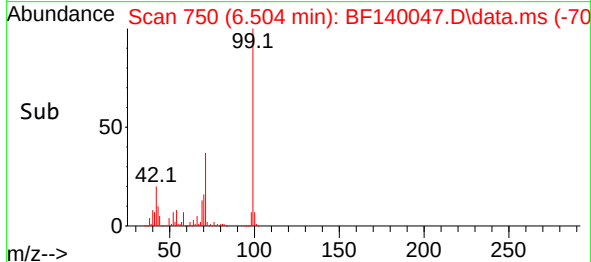
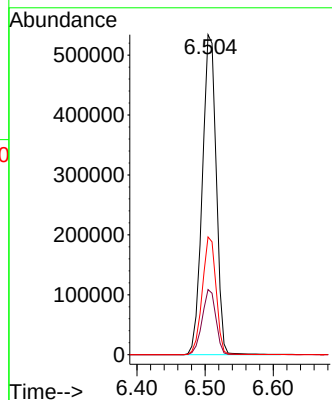
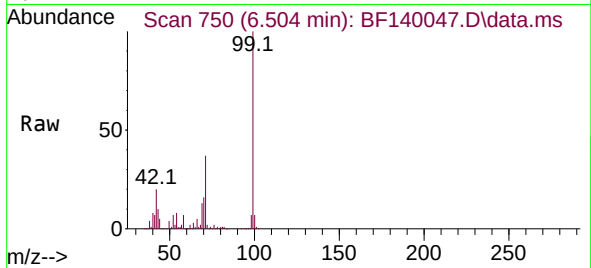




#7
Phenol-d6
Concen: 91.596 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

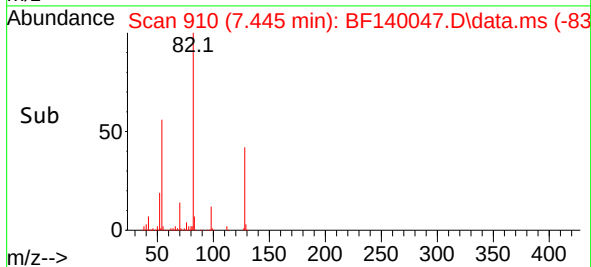
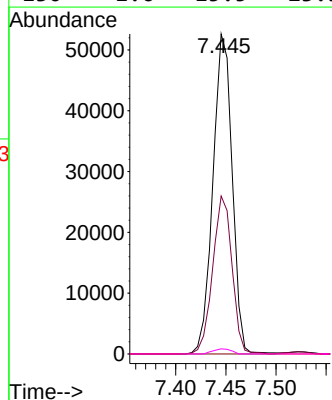
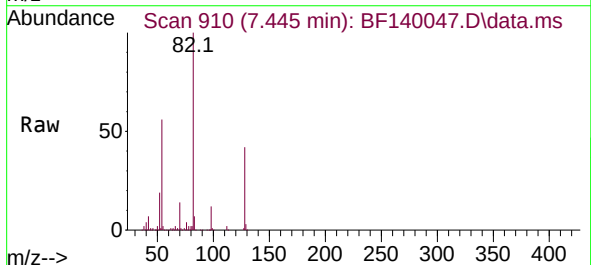
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

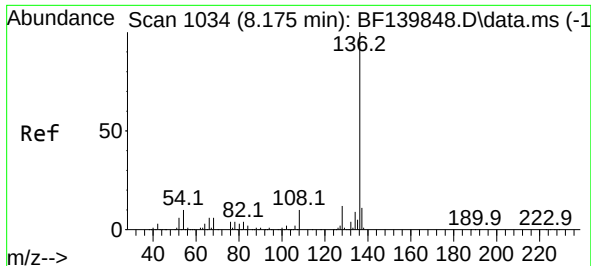
Tgt Ion: 99 Resp: 758994
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 36.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.996 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion: 70 Resp: 70341
Ion Ratio Lower Upper
70 100
42 49.4 51.5 77.3#
101 0.0 7.5 11.3#
130 1.6 15.5 23.3#



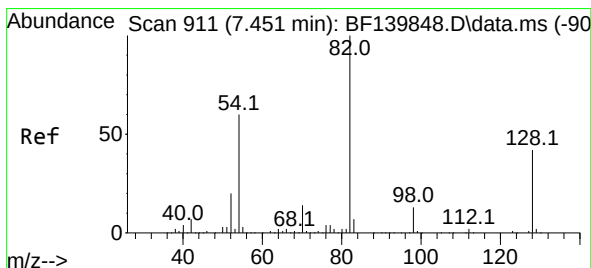
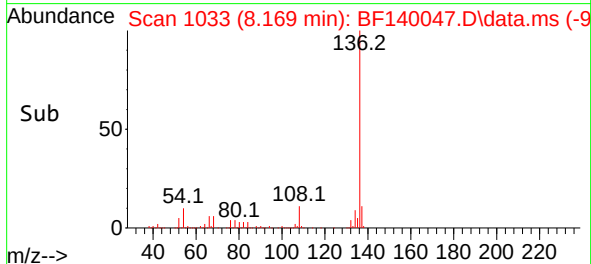
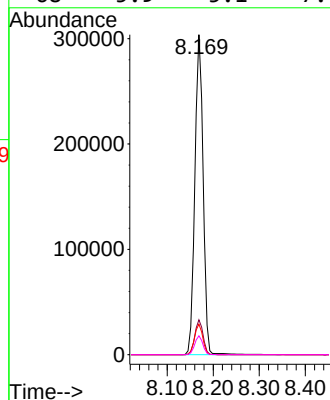
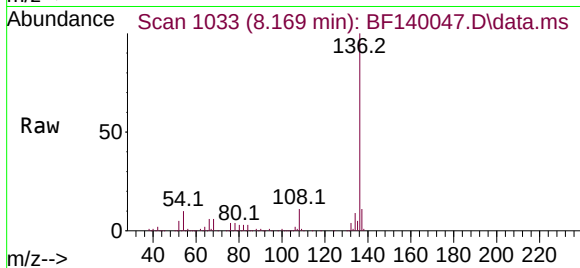


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

Tgt Ion:136 Resp: 377043

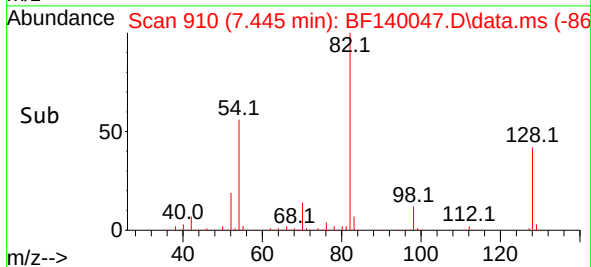
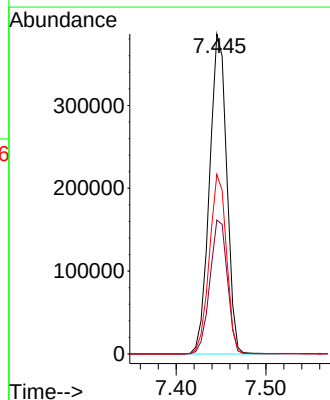
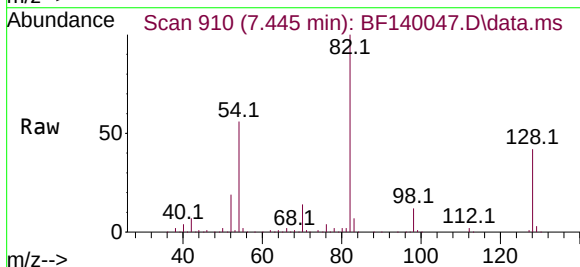
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	5.9	5.1	7.7

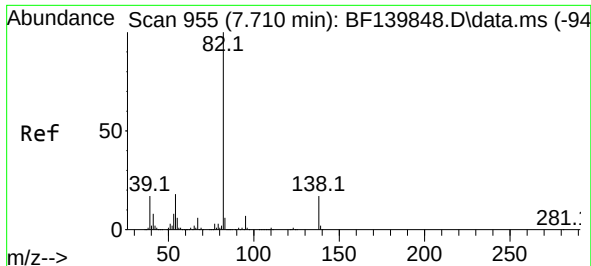


#23
Nitrobenzene-d5
Concen: 75.800 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion: 82 Resp: 515665

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	56.1	47.8	71.8

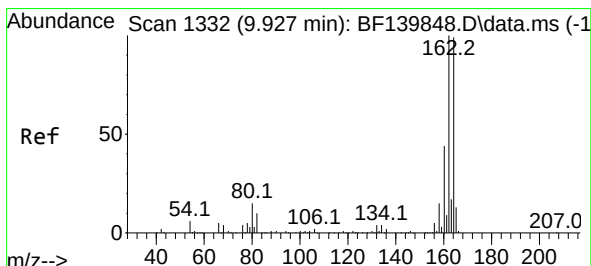
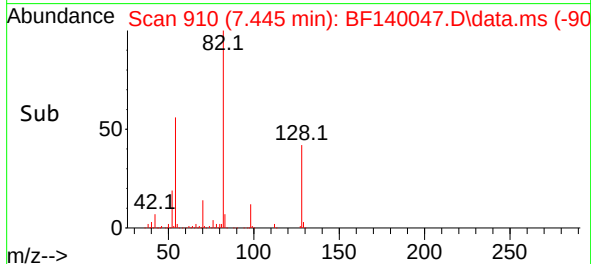
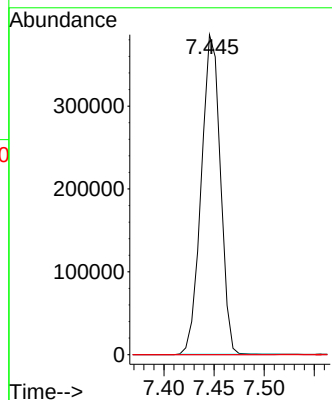
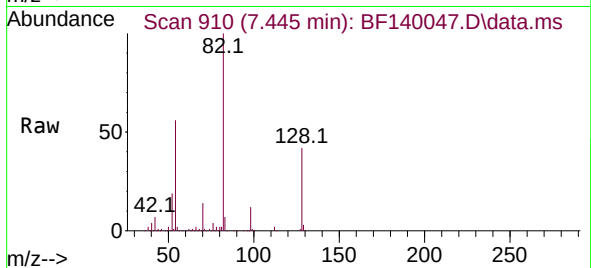




#25
Isophorone
Concen: 39.658 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

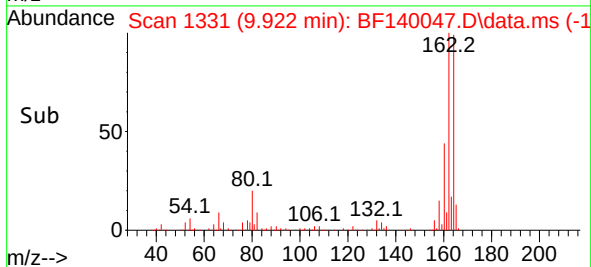
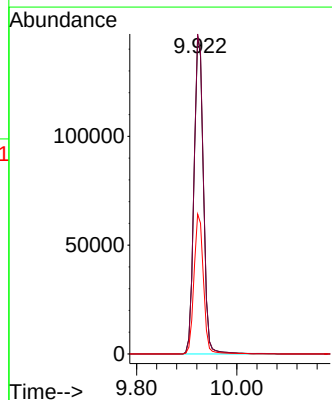
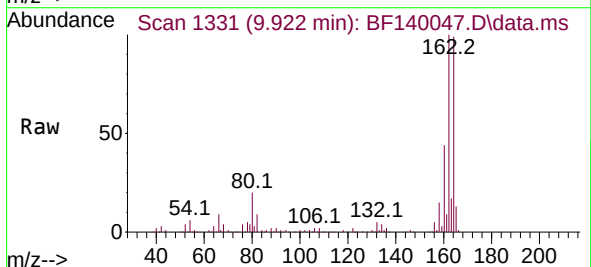
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

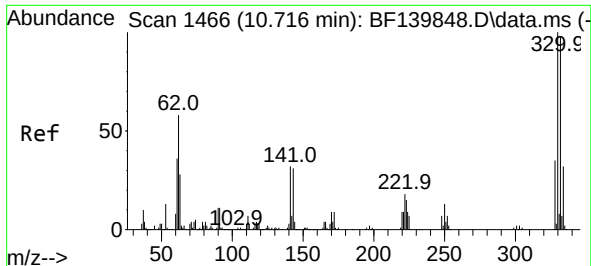
Tgt Ion: 82 Resp: 512064
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion:164 Resp: 189805
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 92.215 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

Instrument :

BNA_F

ClientSampleId :

NASSAU-ST-CO

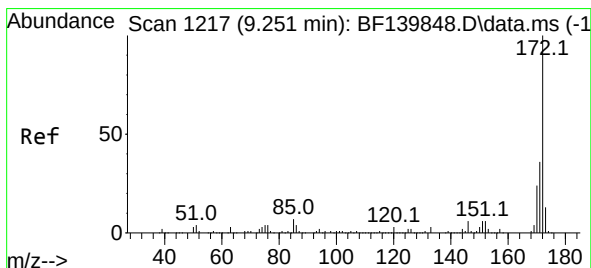
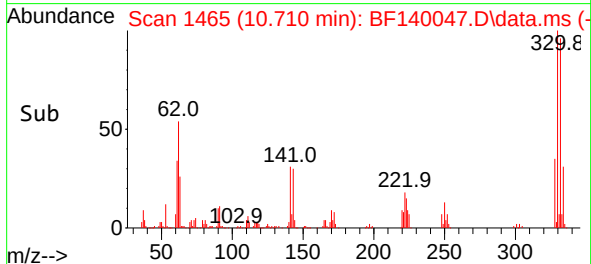
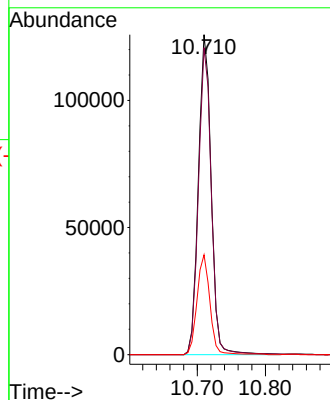
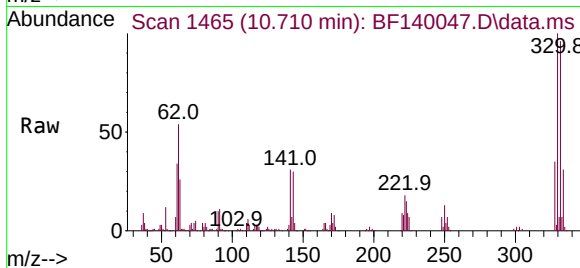
Tgt Ion:330 Resp: 163717

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 31.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 81.186 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

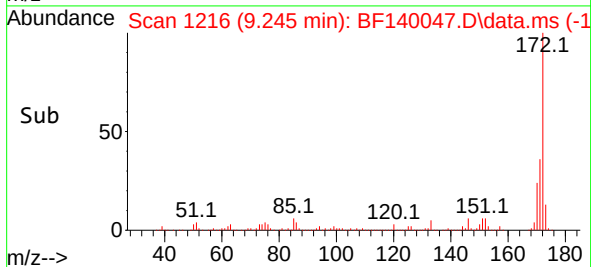
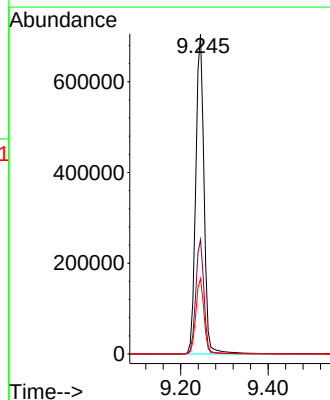
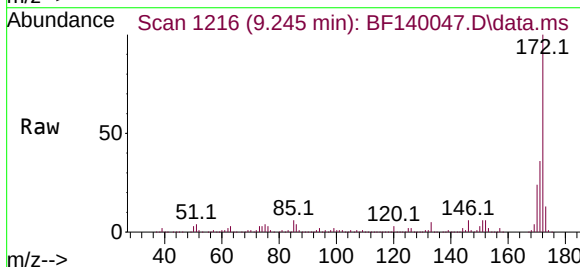
Tgt Ion:172 Resp: 932389

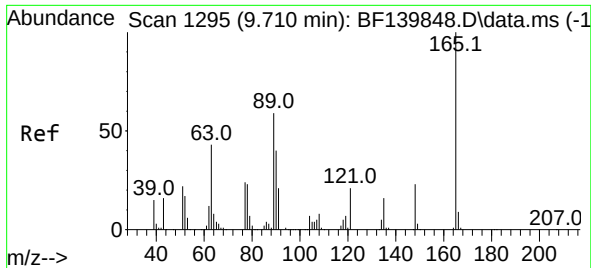
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.5 19.1 28.7

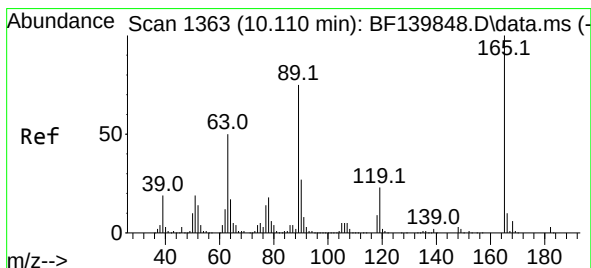
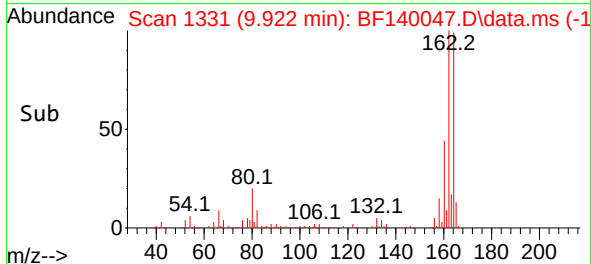
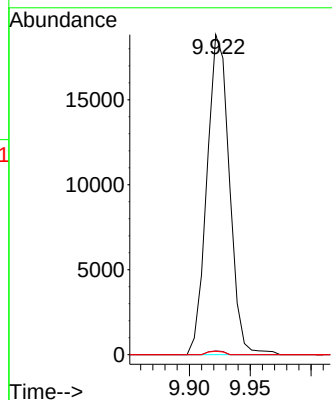
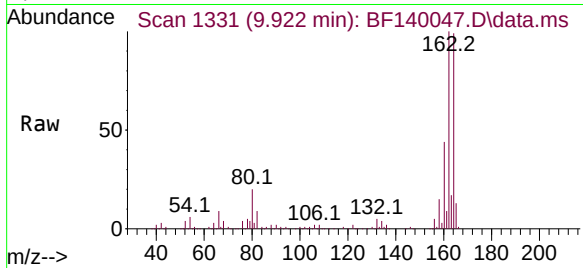




#51
2,6-Dinitrotoluene
Concen: 9.436 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

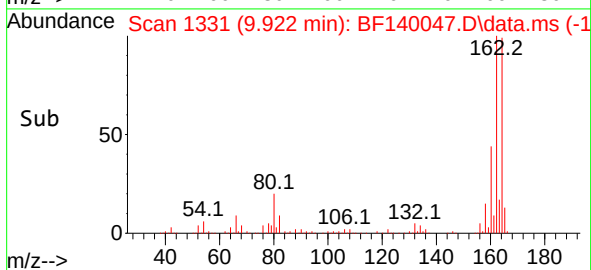
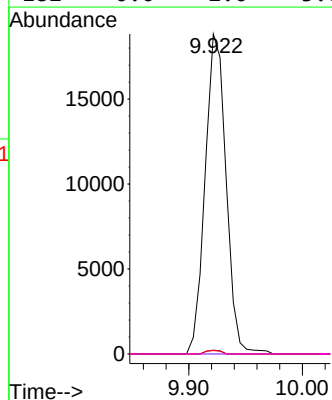
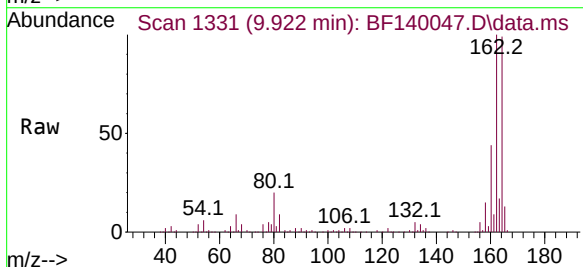
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

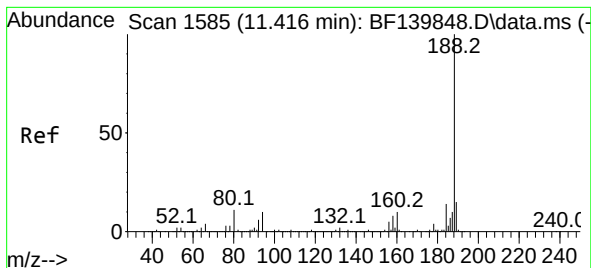
Tgt Ion:165 Resp: 24155
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.673 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion:165 Resp: 24155
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 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: BF140047.D

Acq: 25 Oct 2024 19:46

Instrument :

BNA_F

ClientSampleId :

NASSAU-ST-CO

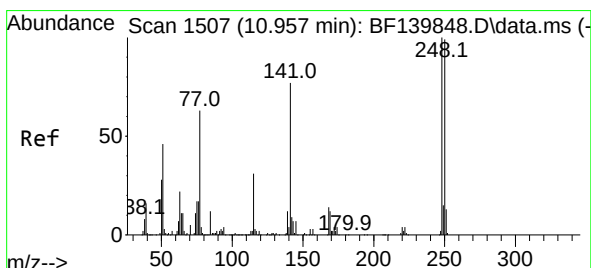
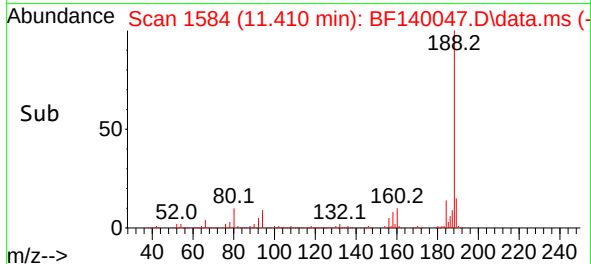
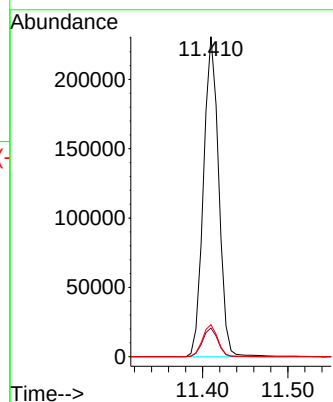
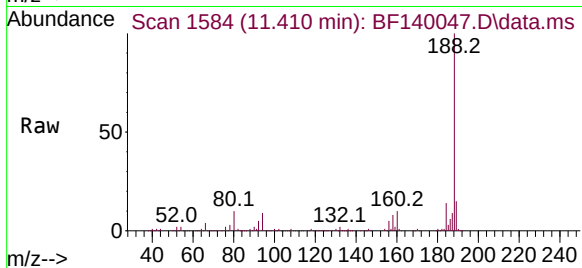
Tgt Ion:188 Resp: 286510

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 10.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.536 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

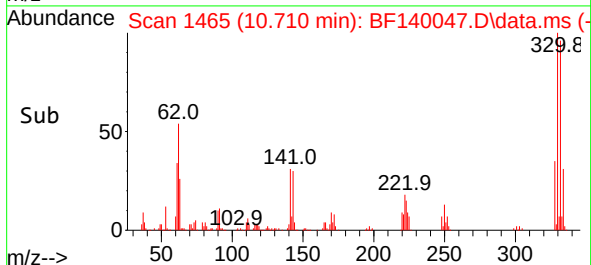
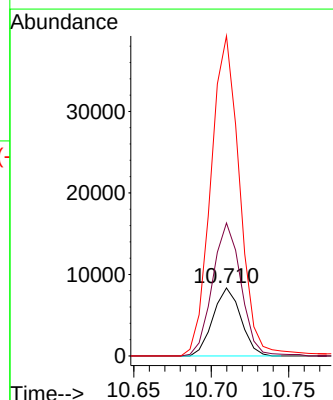
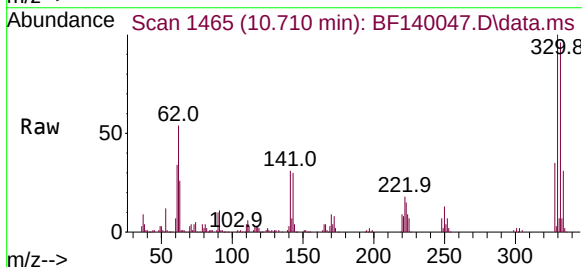
Tgt Ion:248 Resp: 10437

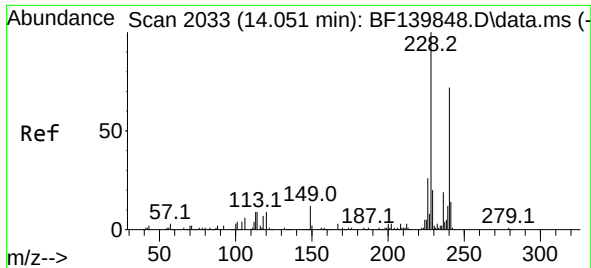
Ion Ratio Lower Upper

248 100

250 195.2 79.0 118.6#

141 470.0 61.7 92.5#

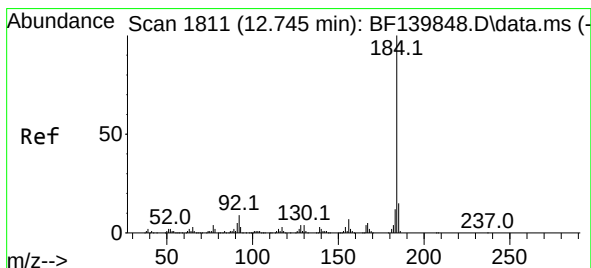
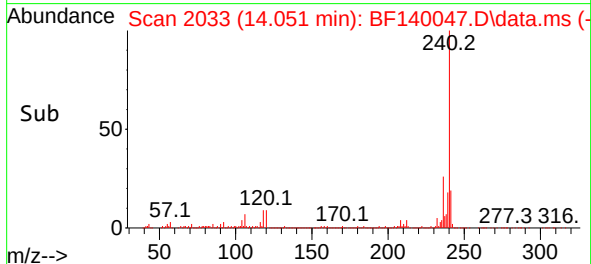
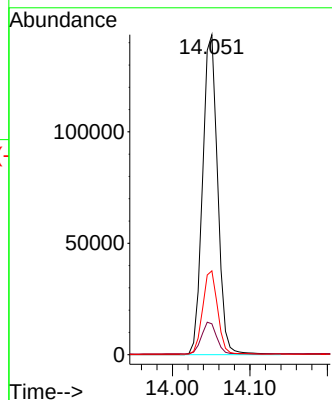
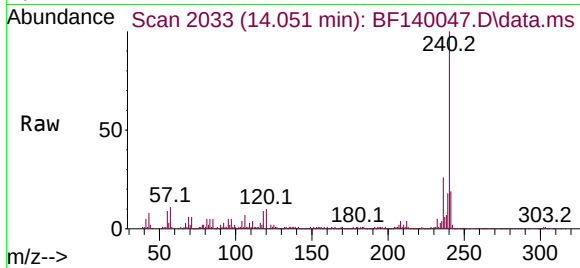




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

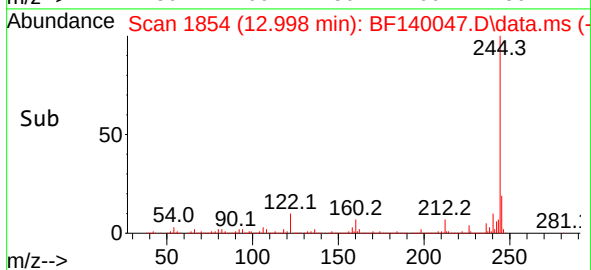
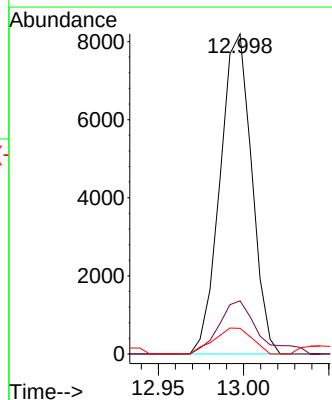
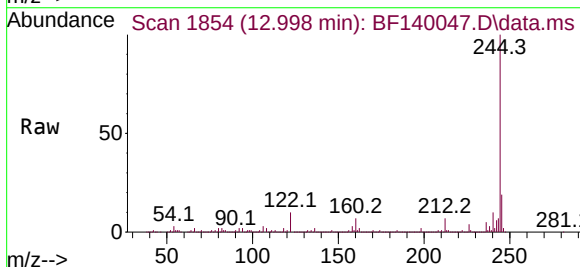
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

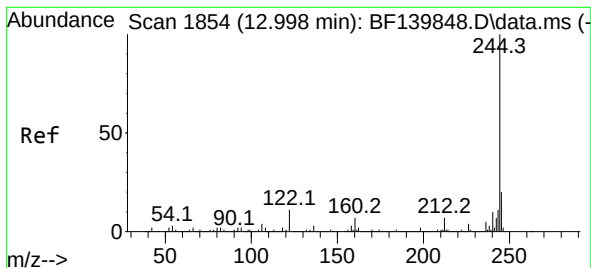
Tgt Ion:240 Resp: 193966
Ion Ratio Lower Upper
240 100
120 9.7 9.4 14.2
236 26.2 20.9 31.3



#77
Benzidine
Concen: 3.317 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

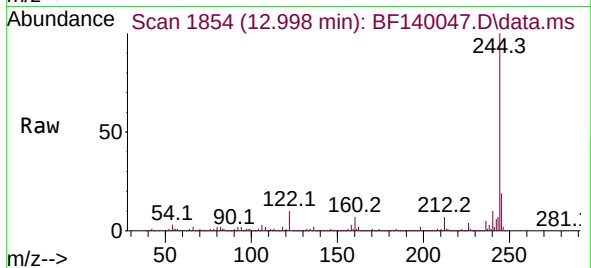
Tgt Ion:184 Resp: 10580
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 8.0 9.4 14.2#



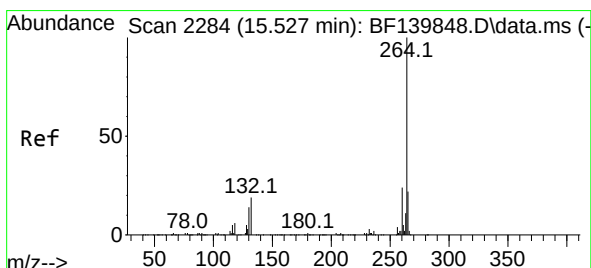
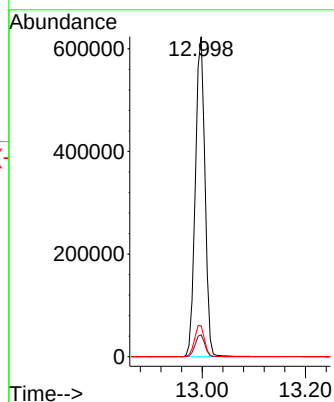
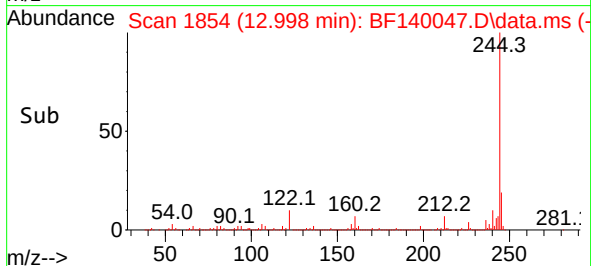


#79
Terphenyl-d14
Concen: 67.611 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO



Tgt Ion:244 Resp: 804806
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.7 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: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion:264 Resp: 150645
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.5 17.4 26.0

