

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138001.D
 Acq On : 22 May 2024 12:43
 Operator : CG\JU
 Sample : PB161034BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161034BL

Quant Time: May 22 13:05:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

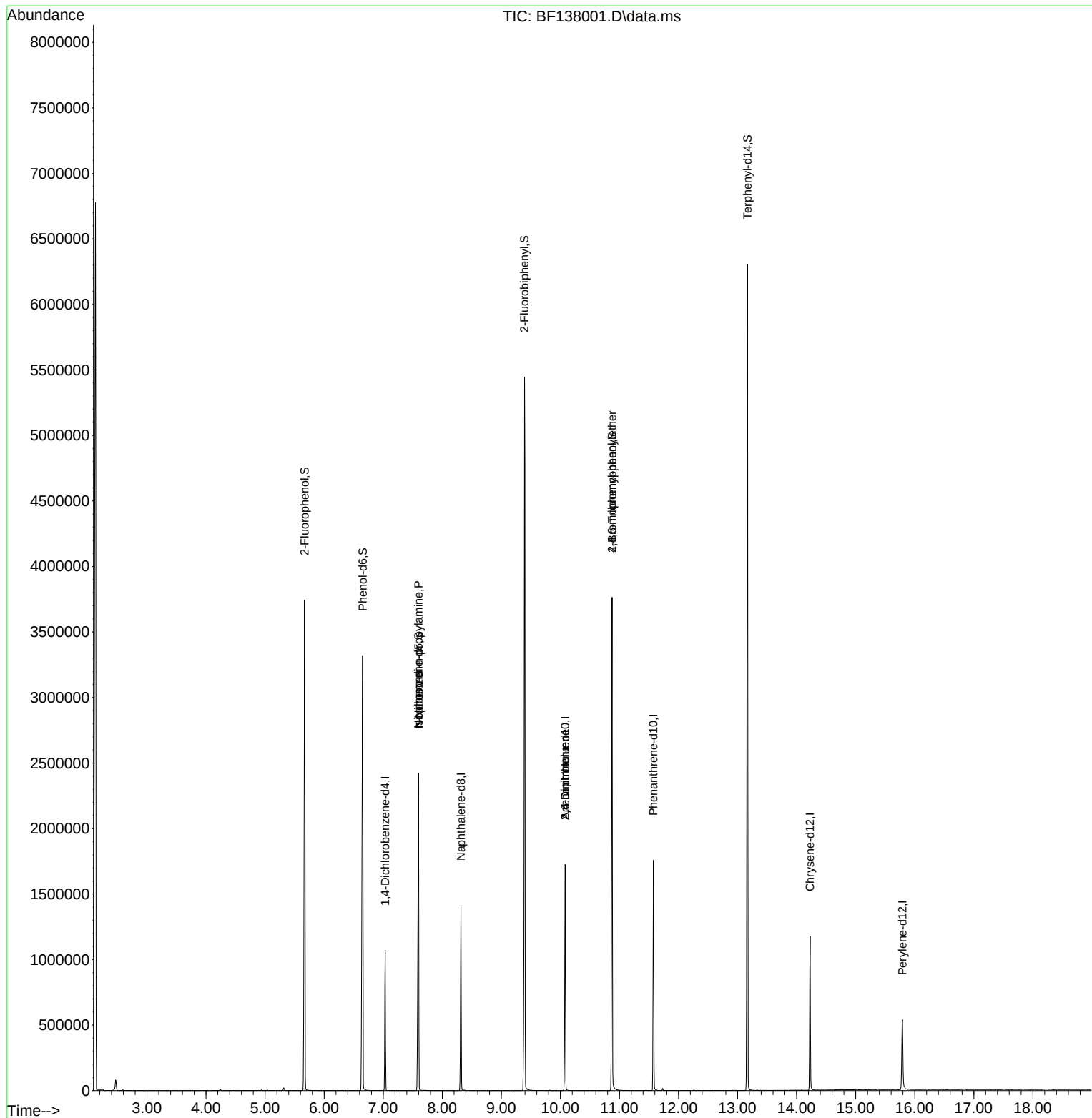
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	154349	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	609807	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	354100	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	637889	20.000	ng	0.00
76) Chrysene-d12	14.227	240	392326	20.000	ng	0.00
86) Perylene-d12	15.792	264	302176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1185352	130.451	ng	0.00
7) Phenol-d6	6.651	99	1462963	130.701	ng	0.00
23) Nitrobenzene-d5	7.598	82	904208	87.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	508081	142.304	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1963017	85.394	ng	0.00
79) Terphenyl-d14	13.169	244	2352167	88.361	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	118990	18.922	ng	# 73
25) Isophorone	7.598	82	904193	50.278	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	46203	9.066	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	46203	7.013	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	32302	4.619	ng	# 1

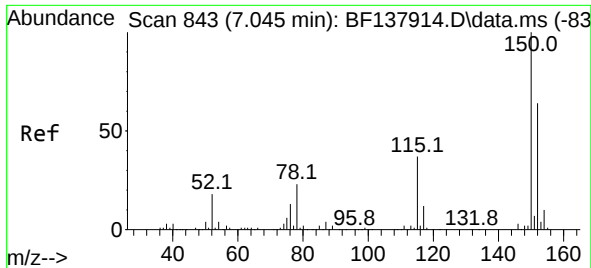
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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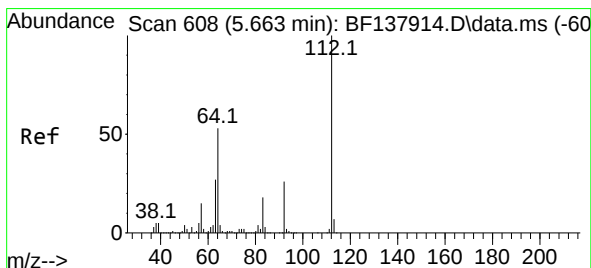
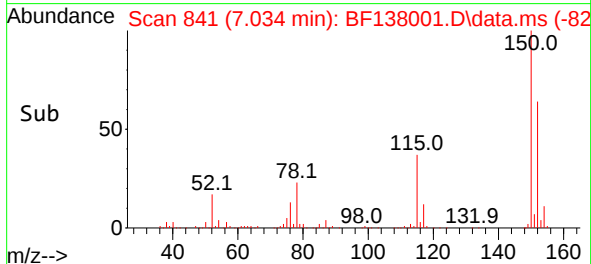
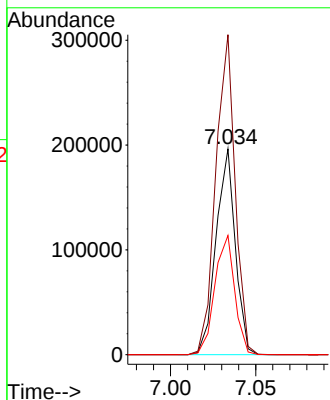
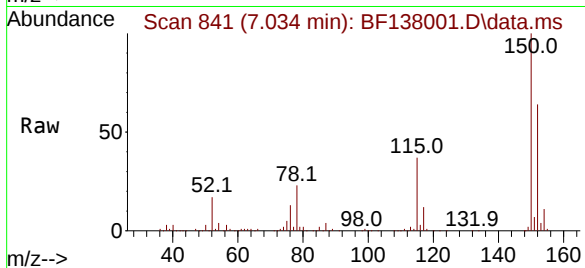




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

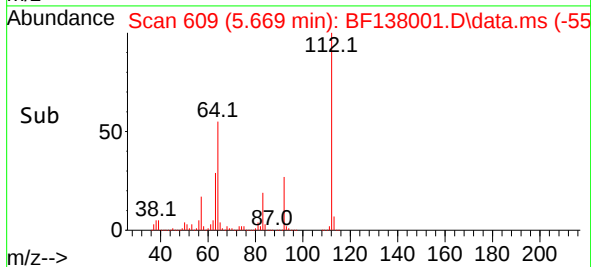
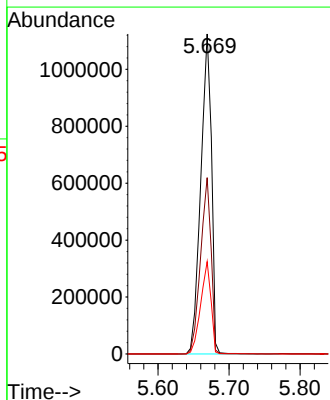
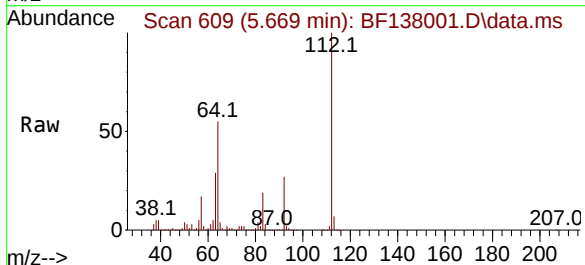
Instrument :
BNA_F
ClientSampleId :
PB161034BL

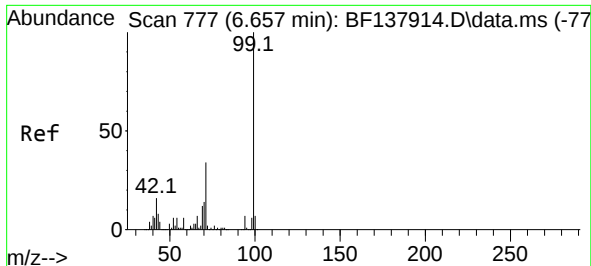
Tgt Ion:152 Resp: 154349
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 57.9 47.0 70.6



#5
2-Fluorophenol
Concen: 130.451 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion:112 Resp: 1185352
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.9 21.4 32.2



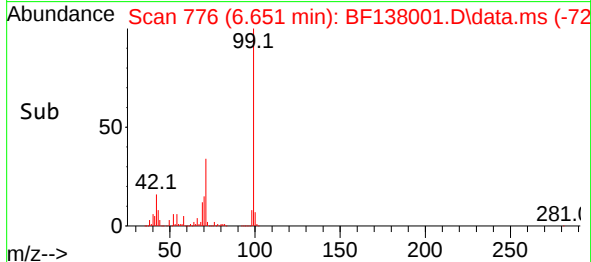
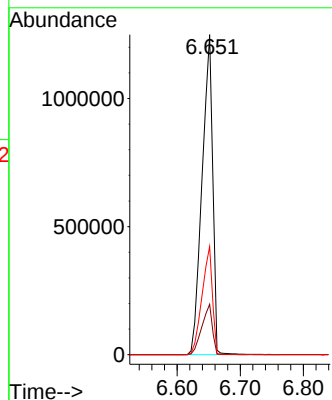
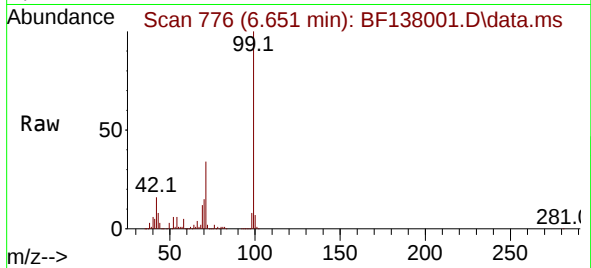


#7
Phenol-d6
Concen: 130.701 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161034BL

Tgt Ion: 99 Resp: 1462963

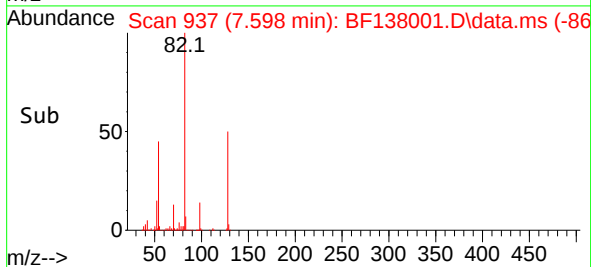
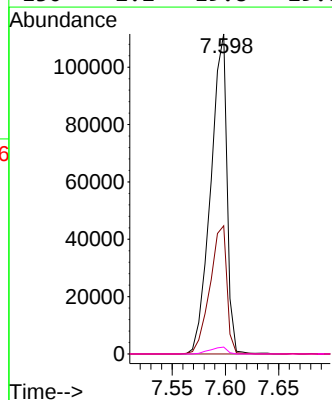
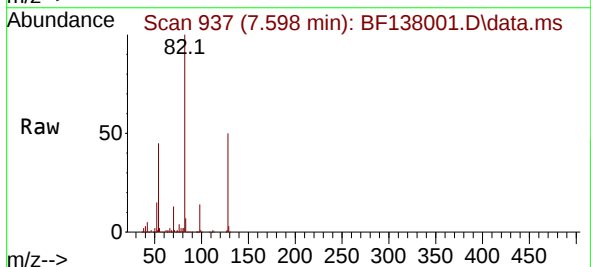
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.8	27.1	40.7

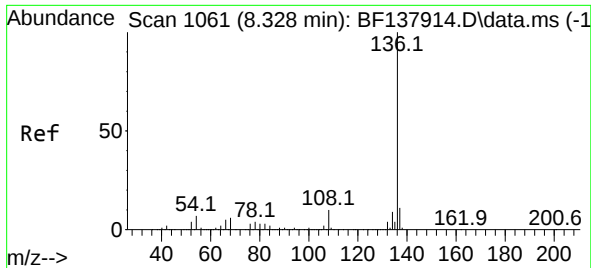


#19
n-Nitroso-di-n-propylamine
Concen: 18.922 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion: 70 Resp: 118990

Ion	Ratio	Lower	Upper
70	100		
42	40.0	42.2	63.4#
101	0.0	8.8	13.2#
130	2.2	19.8	29.8#



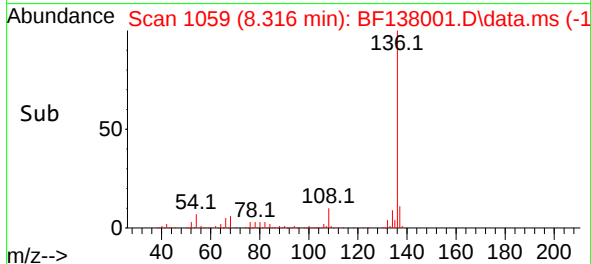
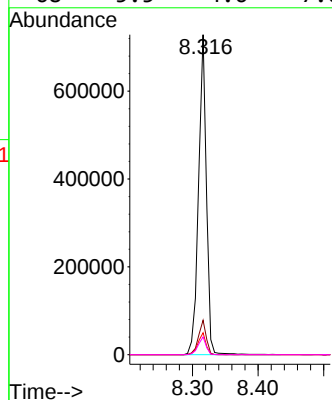
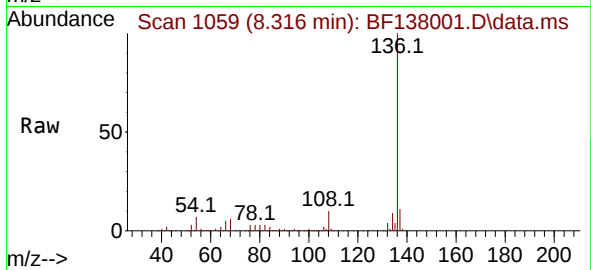


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161034BL

Tgt Ion:136 Resp: 609807

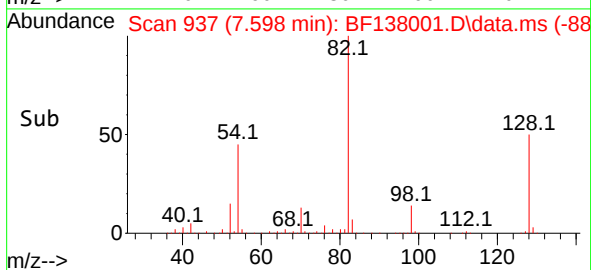
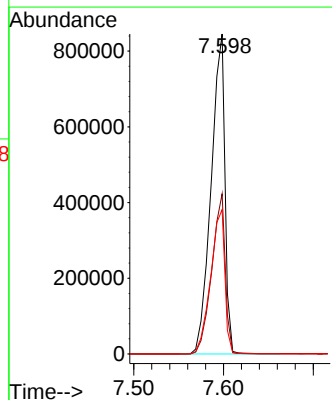
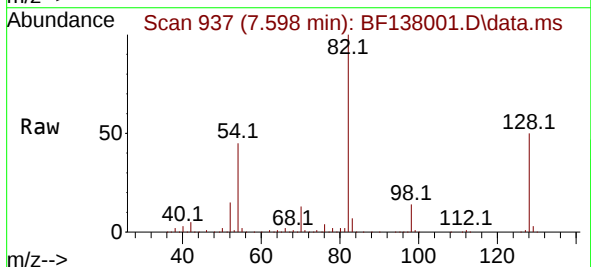
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.6	7.0



#23
Nitrobenzene-d5
Concen: 87.262 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion: 82 Resp: 904208

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.3	60.5
54	45.1	36.8	55.2

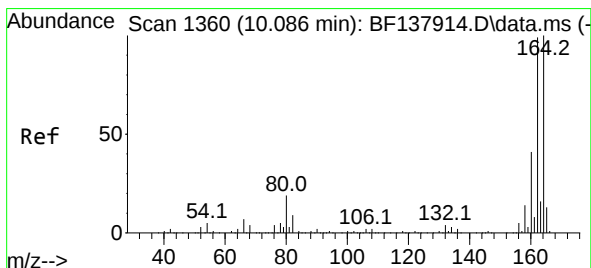
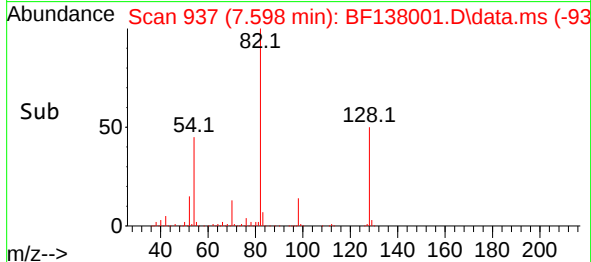
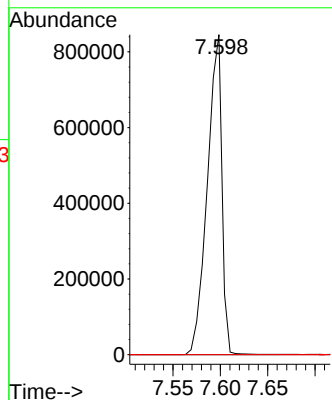
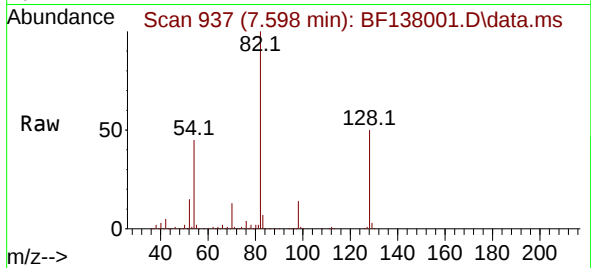




#25
Isophorone
Concen: 50.278 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

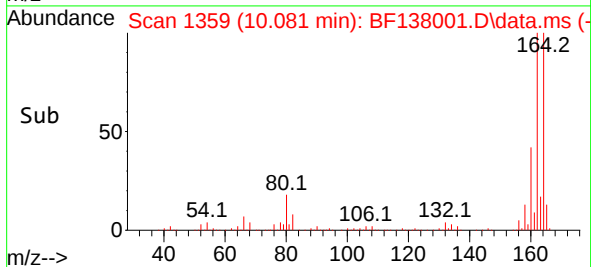
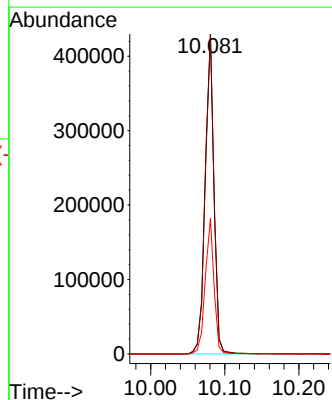
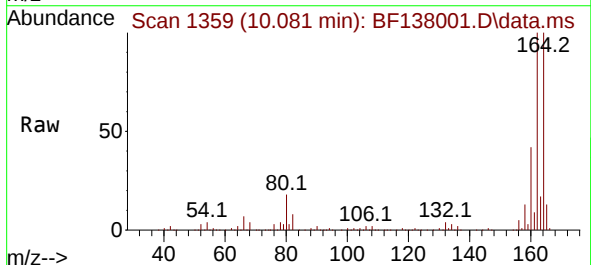
Instrument :
BNA_F
ClientSampleId :
PB161034BL

Tgt Ion: 82 Resp: 904193
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion:164 Resp: 354100
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 42.4 33.1 49.7

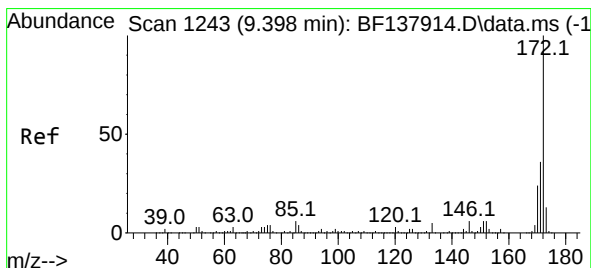
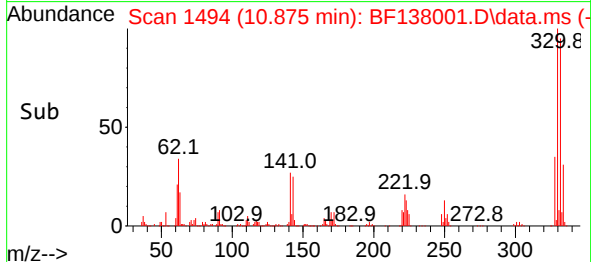
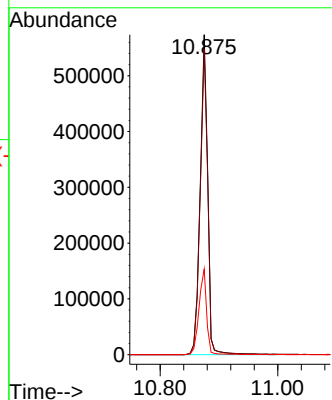
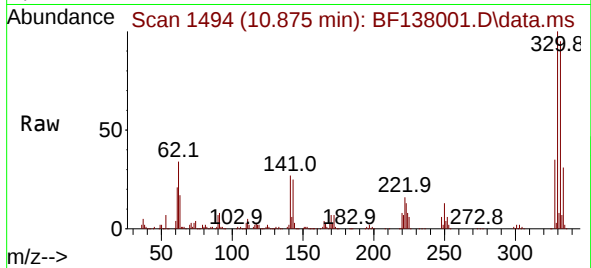




#42
2,4,6-Tribromophenol
Concen: 142.304 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

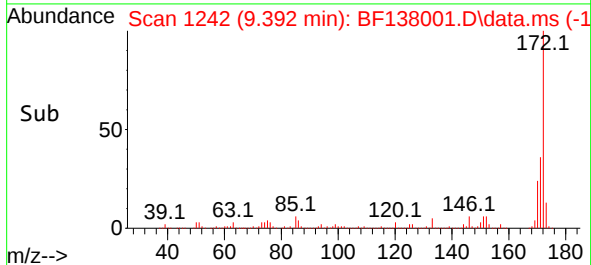
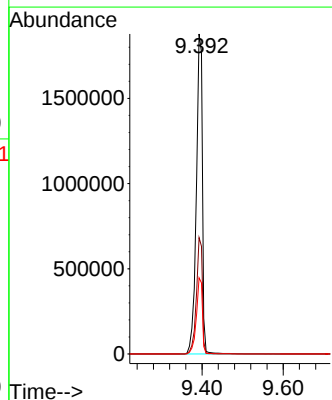
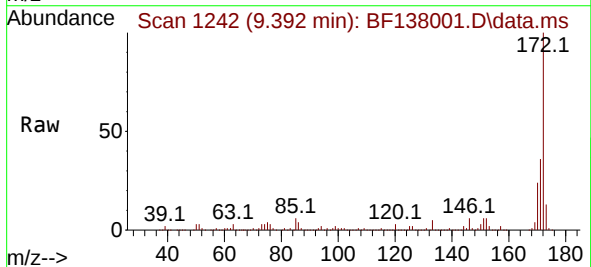
Instrument :
BNA_F
ClientSampleId :
PB161034BL

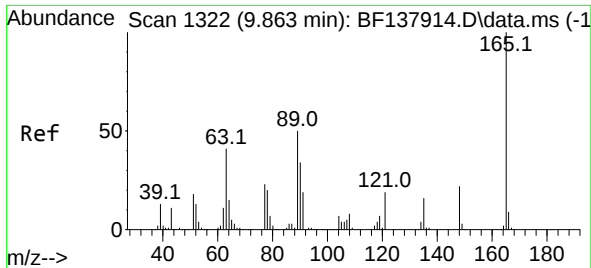
Tgt Ion:330 Resp: 508081
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 27.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.394 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion:172 Resp: 1963017
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.8 18.9 28.3

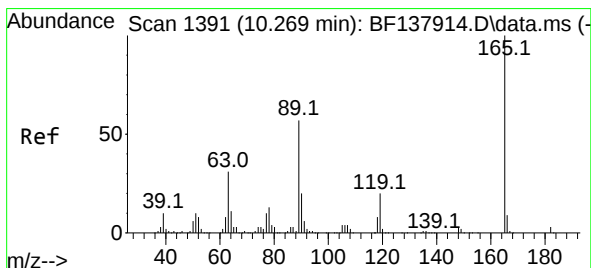
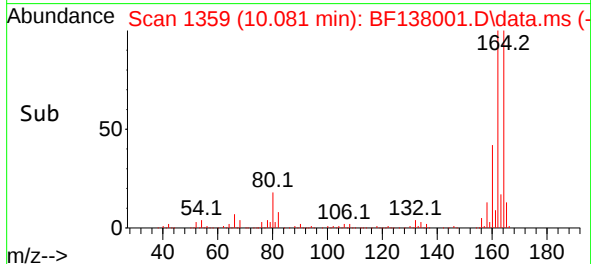
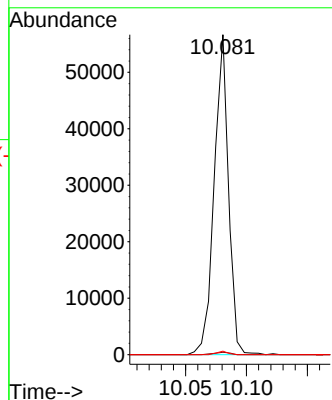
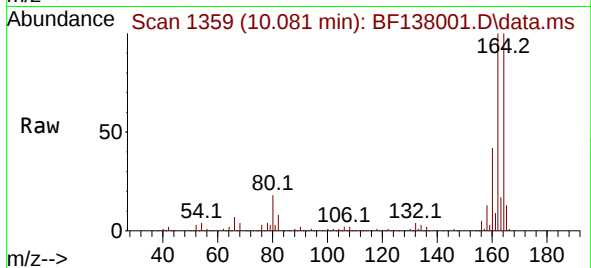




#51
2,6-Dinitrotoluene
Concen: 9.066 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

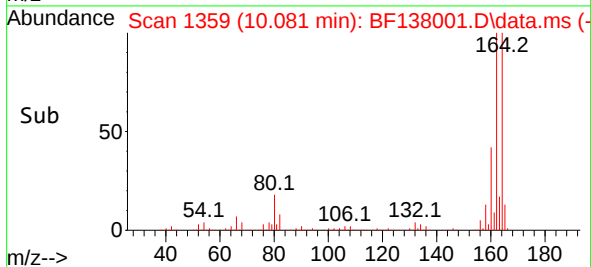
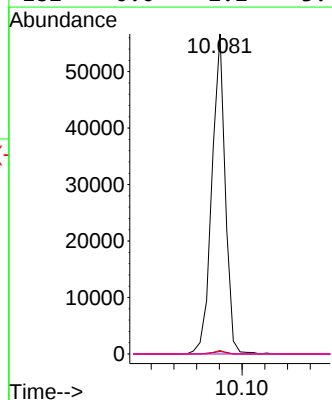
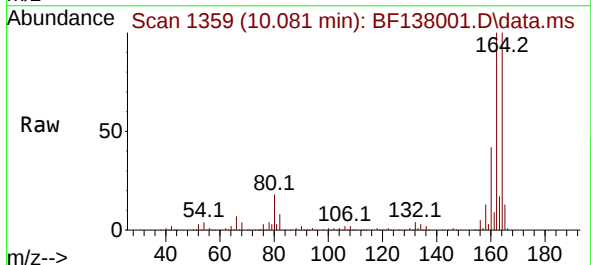
Instrument :
BNA_F
ClientSampleId :
PB161034BL

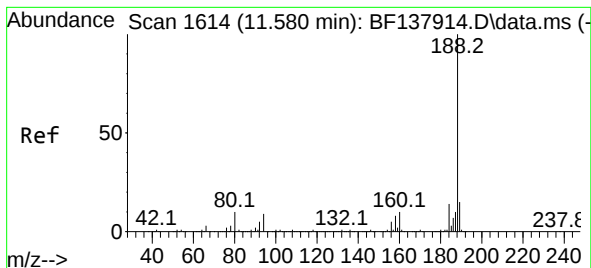
Tgt Ion:165 Resp: 46203
Ion Ratio Lower Upper
165 100
63 0.7 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.013 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Tgt Ion:165 Resp: 46203
Ion Ratio Lower Upper
165 100
63 0.7 25.3 37.9#
89 1.1 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138001.D

Acq: 22 May 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB161034BL

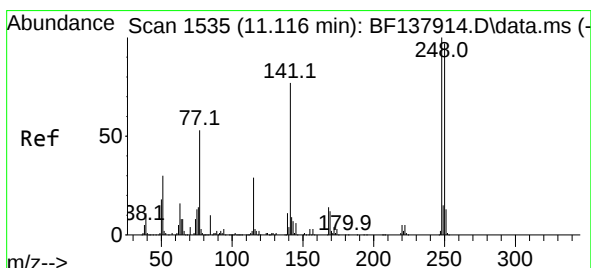
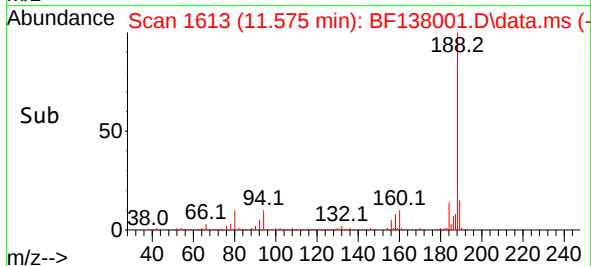
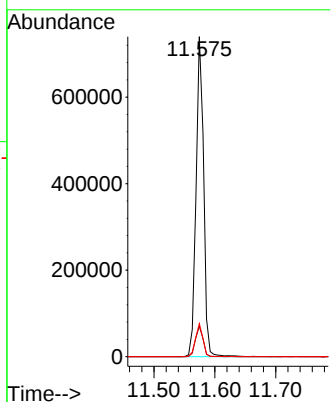
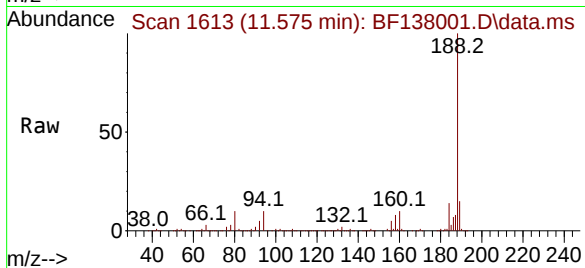
Tgt Ion:188 Resp: 637889

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.619 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138001.D

Acq: 22 May 2024 12:43

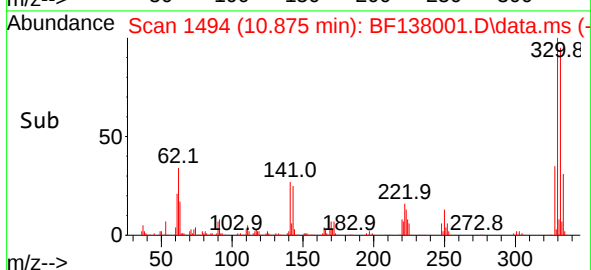
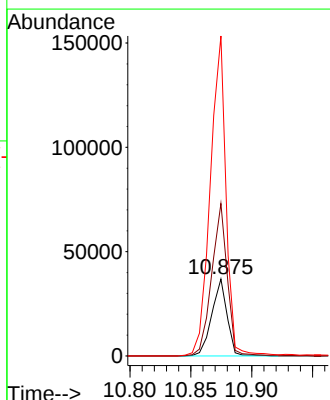
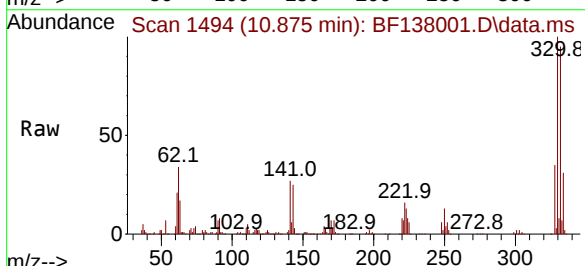
Tgt Ion:248 Resp: 32302

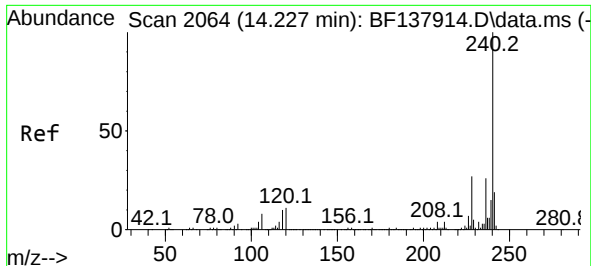
Ion Ratio Lower Upper

248 100

250 198.0 77.6 116.4#

141 415.4 61.4 92.2#

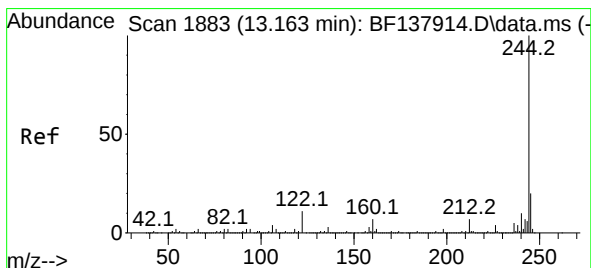
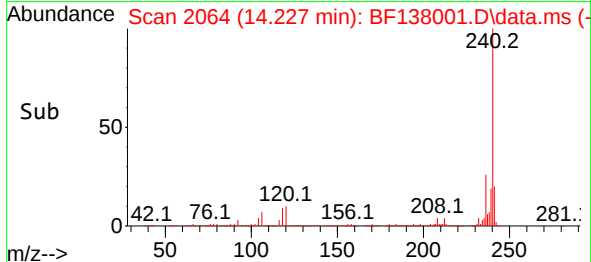
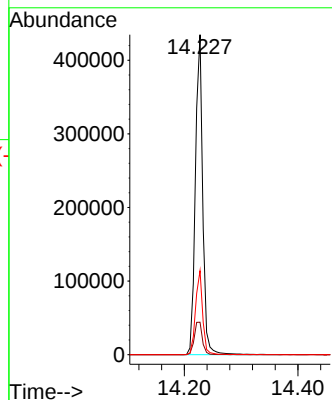
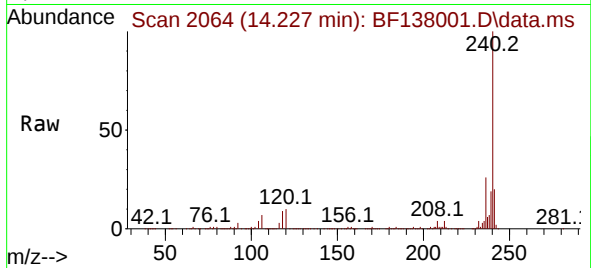




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

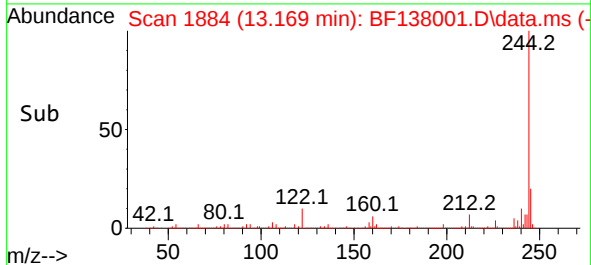
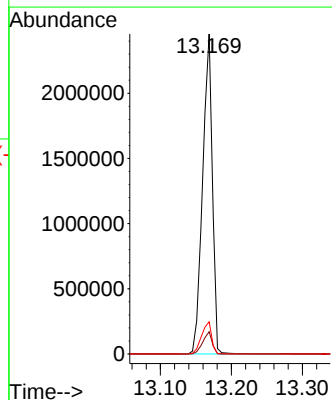
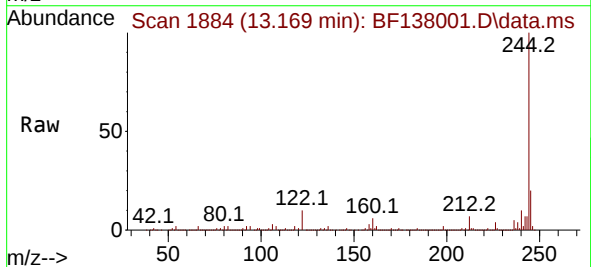
Instrument :
BNA_F
ClientSampleId :
PB161034BL

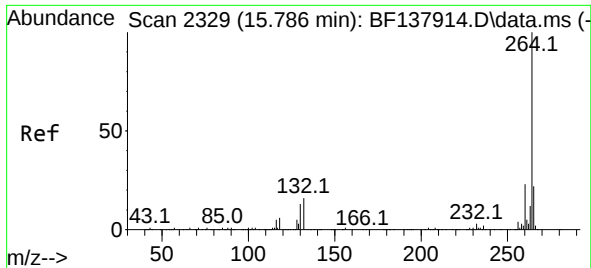
Tgt Ion:240 Resp: 392326
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 88.361 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

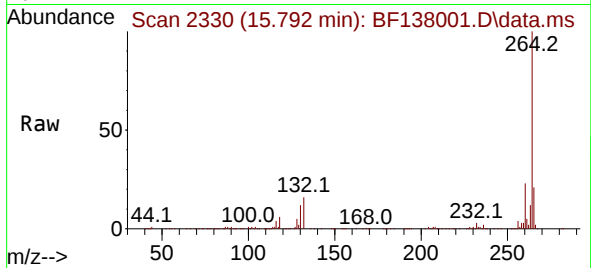
Tgt Ion:244 Resp: 2352167
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138001.D
Acq: 22 May 2024 12:43

Instrument :
BNA_F
ClientSampleId :
PB161034BL



Tgt Ion:264 Resp: 302176

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	17.6	26.4

