

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137961.D
 Acq On : 20 May 2024 16:08
 Operator : CG\JU
 Sample : P2518-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-LL

Quant Time: May 20 16:43:35 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)

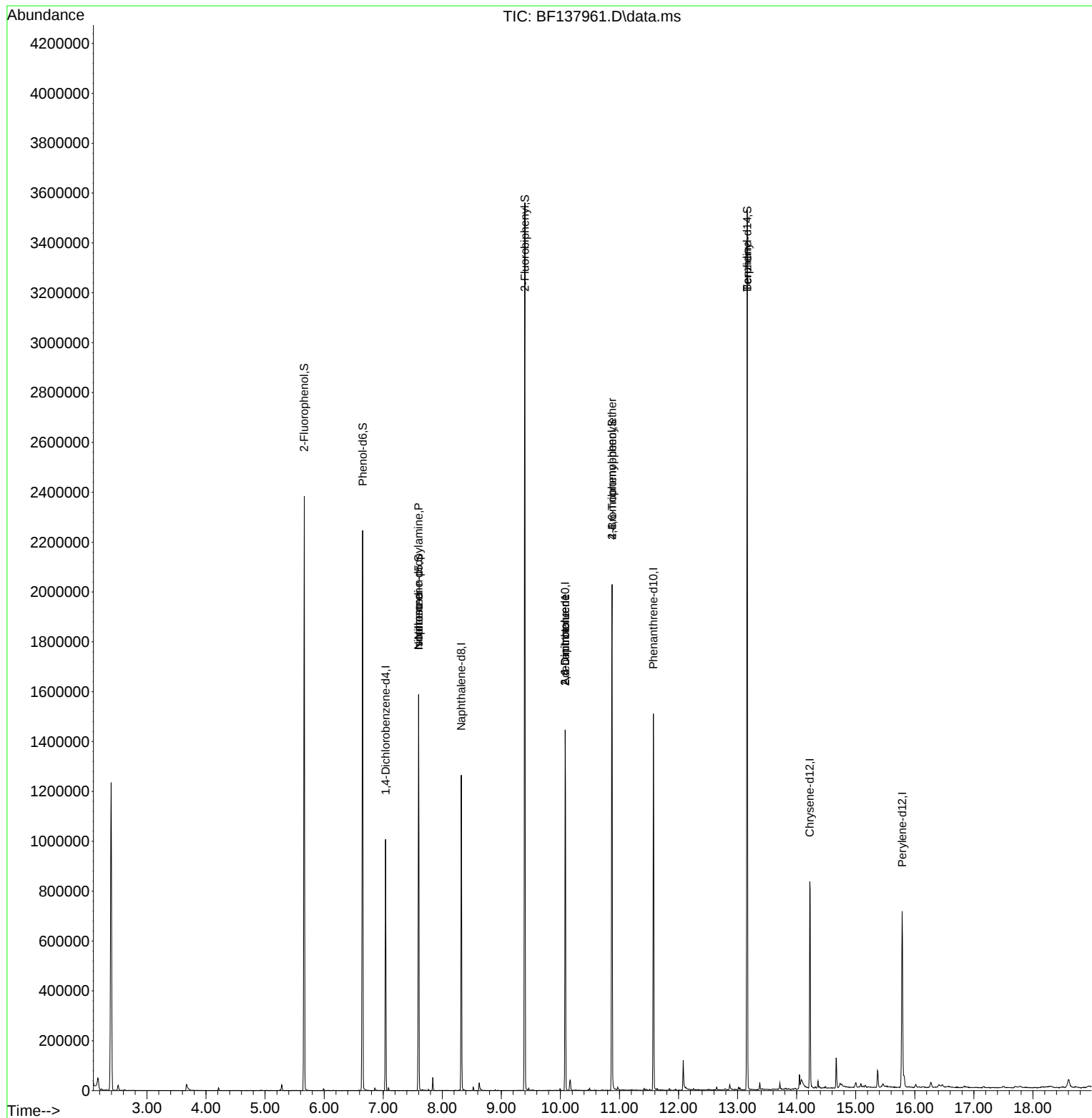
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	134284	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	524512	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	300059	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	526574	20.000	ng	0.00
76) Chrysene-d12	14.222	240	297019	20.000	ng	0.00
86) Perylene-d12	15.786	264	339559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	643625	81.416	ng	0.00
7) Phenol-d6	6.651	99	795807	81.721	ng	0.00
23) Nitrobenzene-d5	7.598	82	471702	52.925	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	263335	87.039	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1071501	55.007	ng	0.00
79) Terphenyl-d14	13.163	244	1167860	57.949	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	61154	11.178	ng	# 76
25) Isophorone	7.598	82	471697	30.494	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	38059	8.813	ng	# 30
57) 2,4-Dinitrotoluene	10.081	165	38059	6.817	ng	# 34
67) 4-Bromophenyl-phenylether	10.875	248	16629	2.881	ng	# 1
77) Benzidine	13.163	184	14256	3.673	ng	# 89

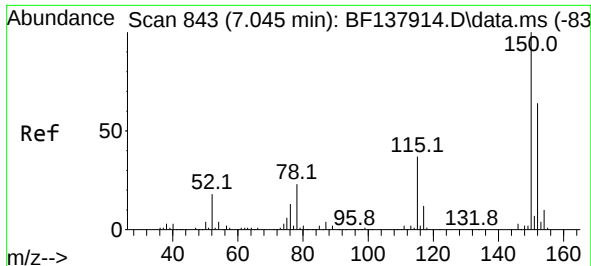
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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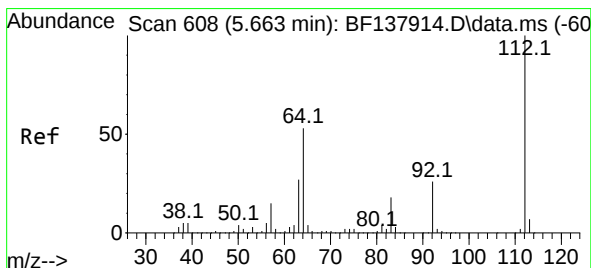
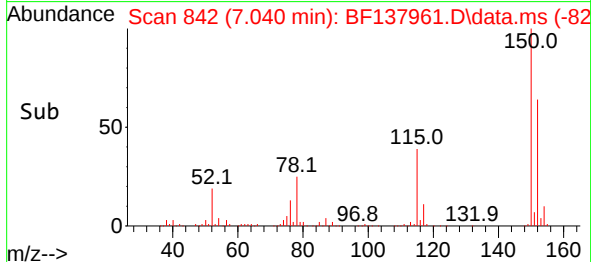
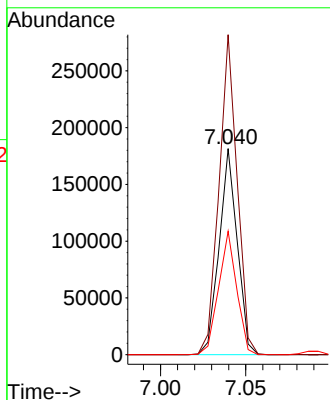
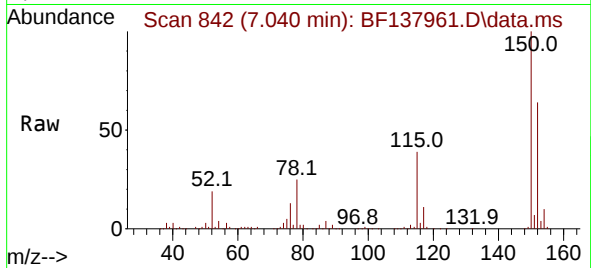




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

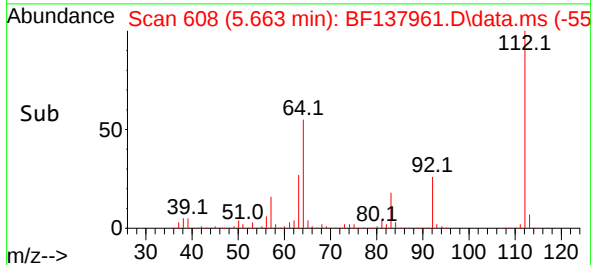
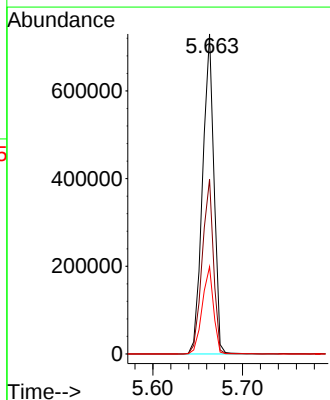
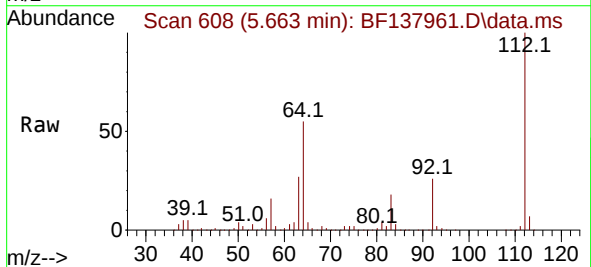
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

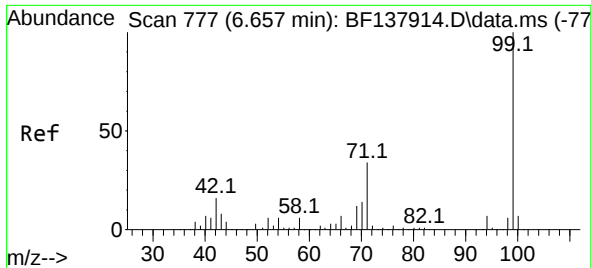
Tgt Ion:152 Resp: 134284
Ion Ratio Lower Upper
152 100
150 155.3 125.7 188.5
115 59.9 47.0 70.6



#5
2-Fluorophenol
Concen: 81.416 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion:112 Resp: 643625
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.3 21.4 32.2

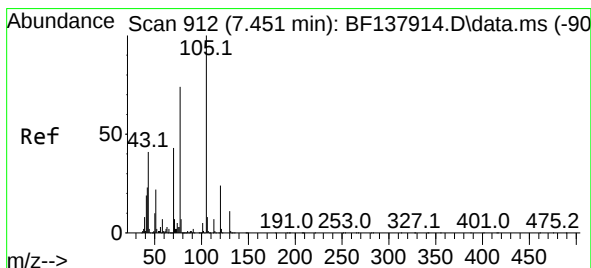
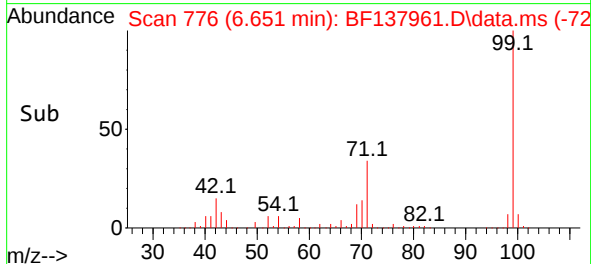
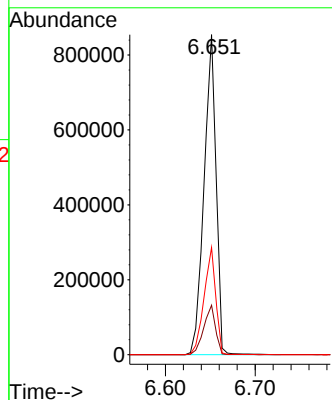
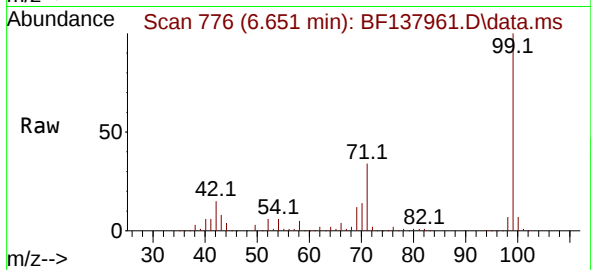




#7
Phenol-d6
Concen: 81.721 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

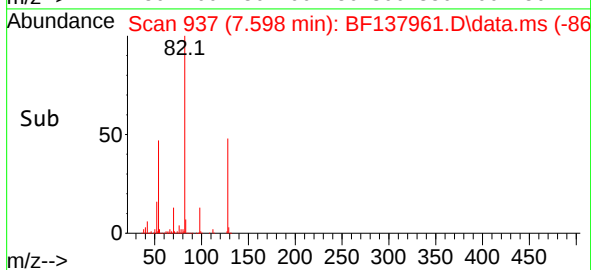
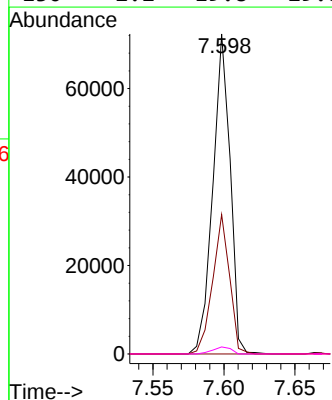
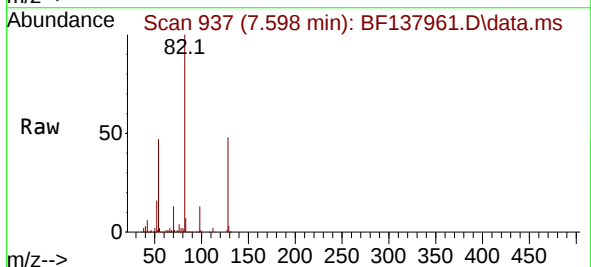
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

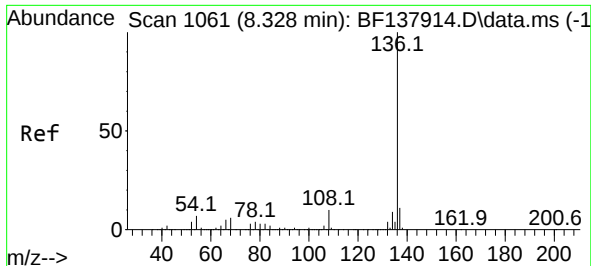
Tgt Ion: 99 Resp: 795807
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 33.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.178 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion: 70 Resp: 61154
Ion Ratio Lower Upper
70 100
42 43.5 42.2 63.4
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



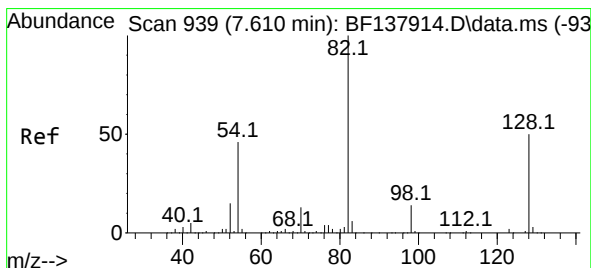
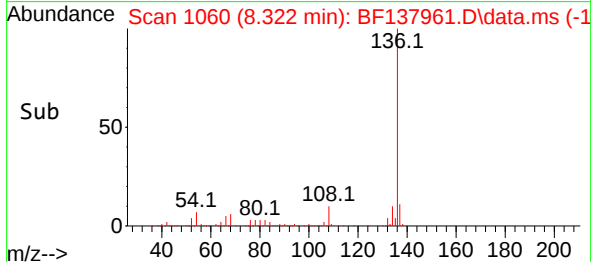
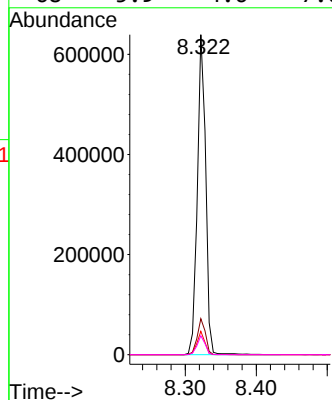
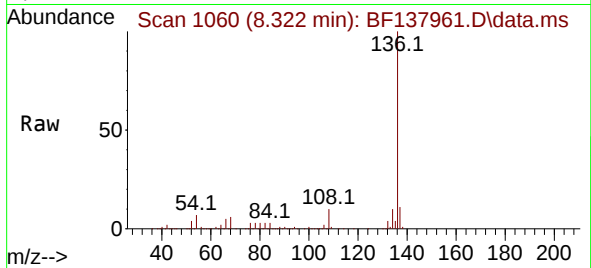


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

Tgt Ion:136 Resp: 524512

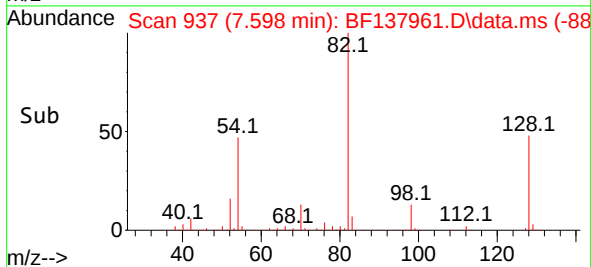
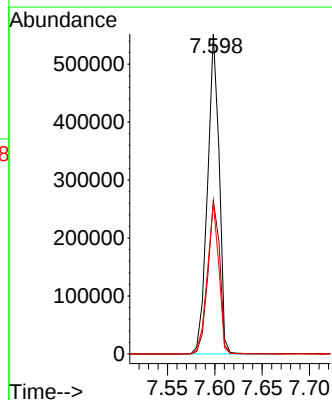
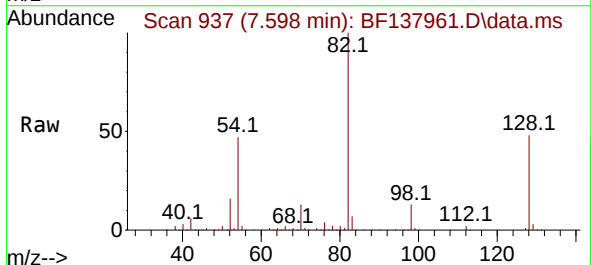
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.3	5.4	8.2
68	5.9	4.6	7.0

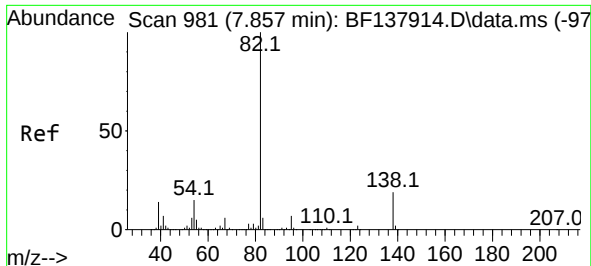


#23
Nitrobenzene-d5
Concen: 52.925 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion: 82 Resp: 471702

Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.3	60.5
54	47.3	36.8	55.2

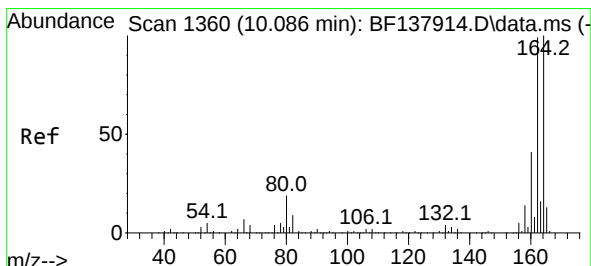
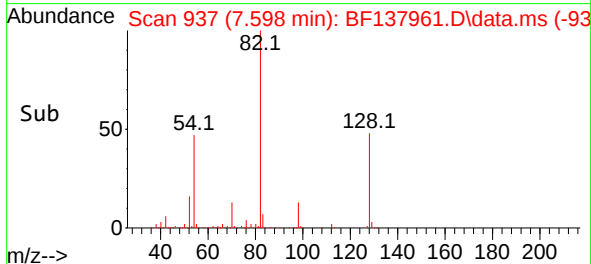
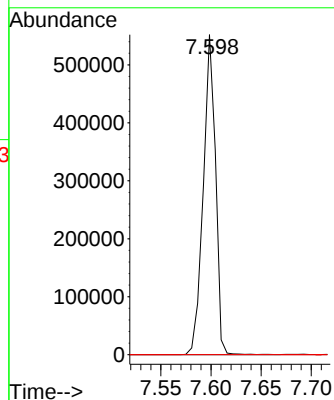
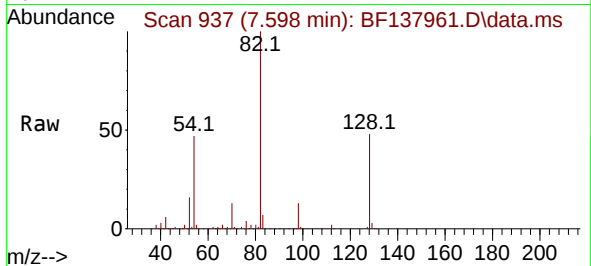




#25
Isophorone
Concen: 30.494 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

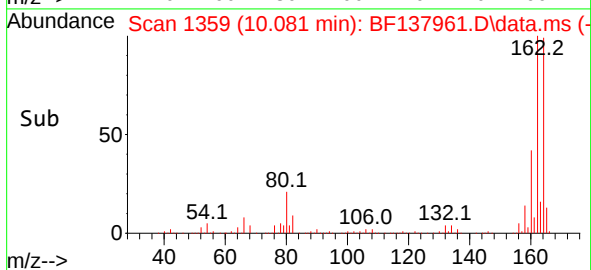
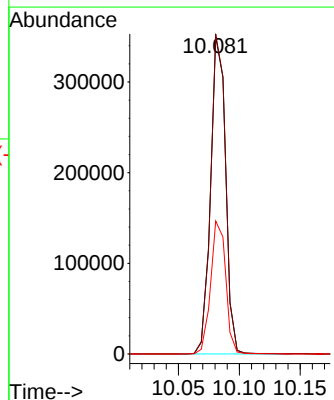
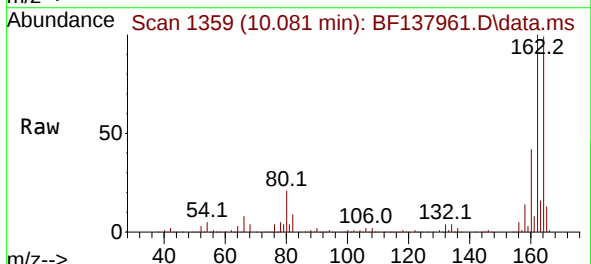
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

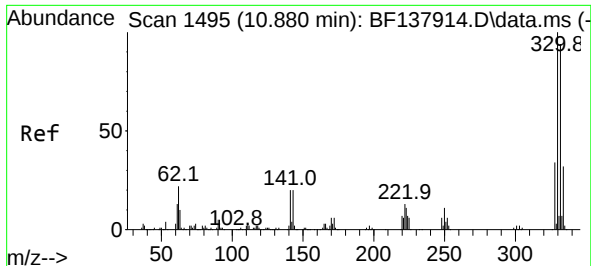
Tgt Ion: 82 Resp: 471697
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion:164 Resp: 300059
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 42.0 33.1 49.7

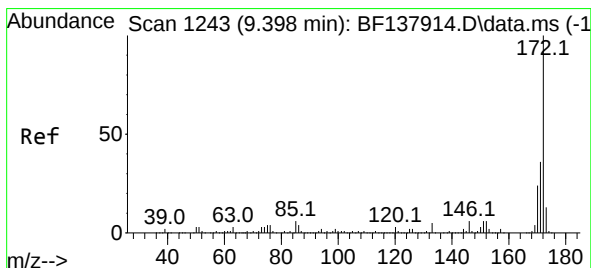
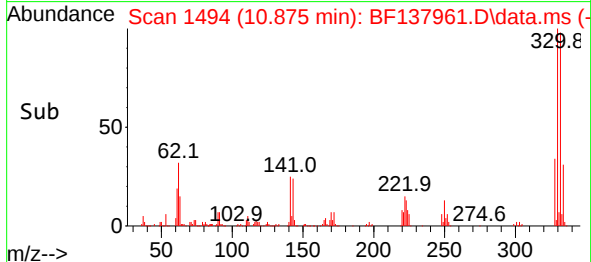
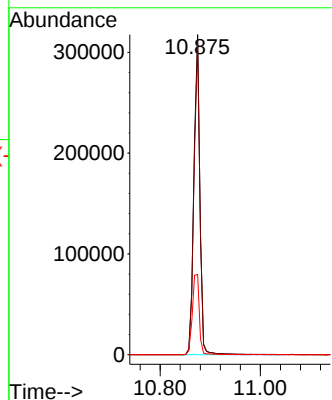
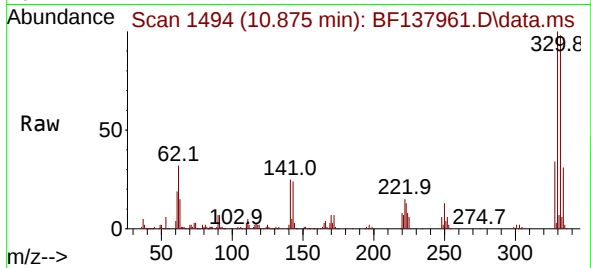




#42
2,4,6-Tribromophenol
Concen: 87.039 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

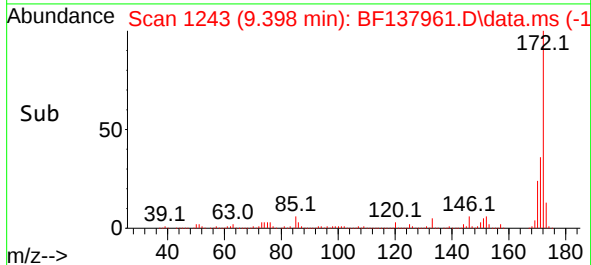
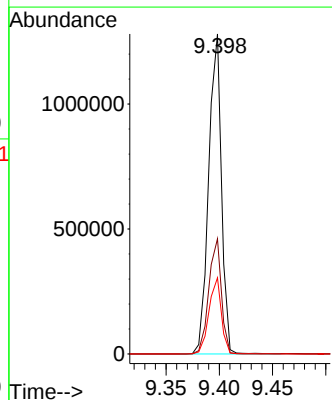
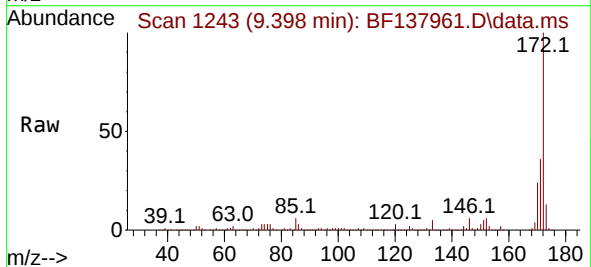
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

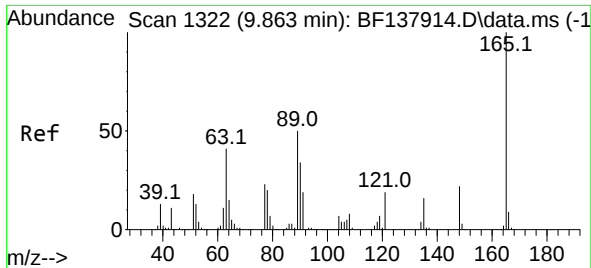
Tgt Ion:330 Resp: 263335
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.8
141 28.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 55.007 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion:172 Resp: 1071501
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.8 18.9 28.3

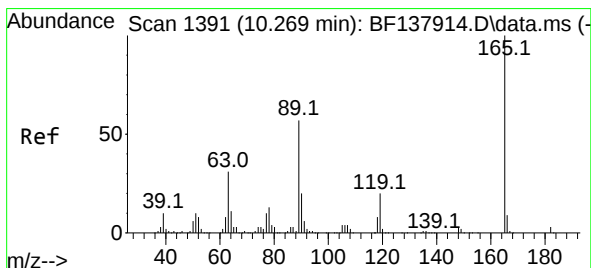
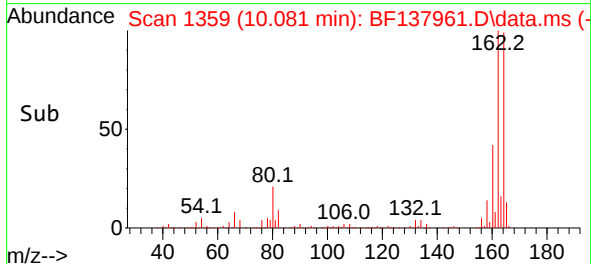
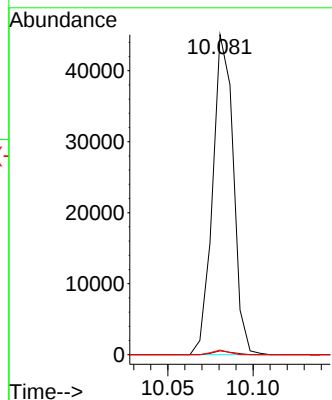
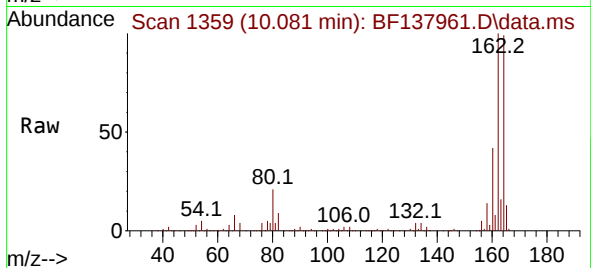




#51
2,6-Dinitrotoluene
Concen: 8.813 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

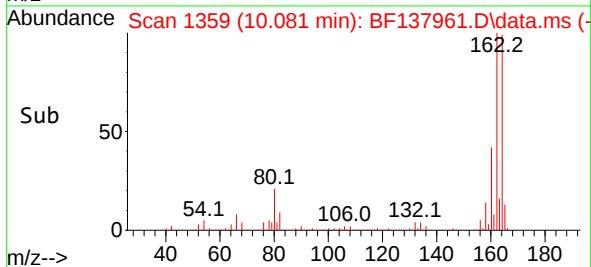
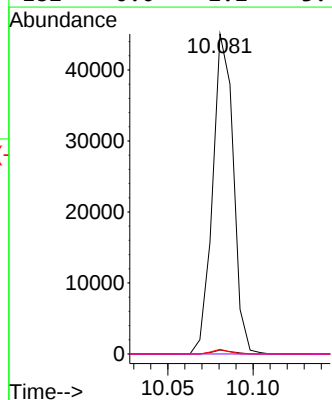
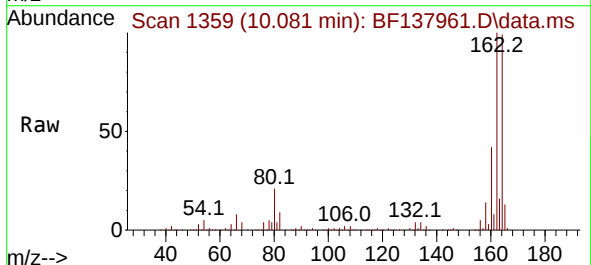
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

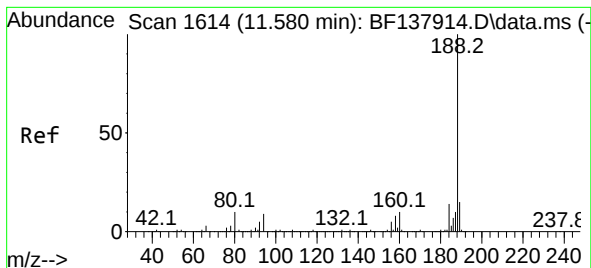
Tgt Ion:165 Resp: 38059
Ion Ratio Lower Upper
165 100
63 1.2 38.9 58.3#
89 1.5 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.817 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion:165 Resp: 38059
Ion Ratio Lower Upper
165 100
63 1.2 25.3 37.9#
89 1.5 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: BF137961.D

Acq: 20 May 2024 16:08

Instrument :

BNA_F

ClientSampleId :

WC-MH-LL

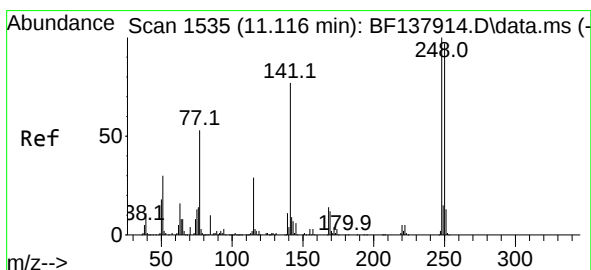
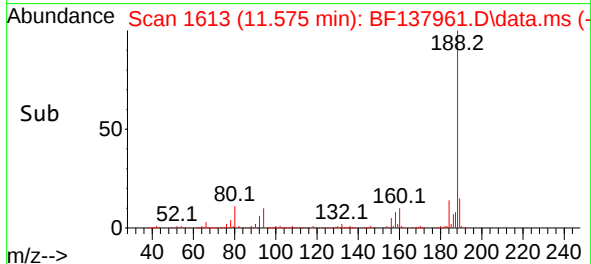
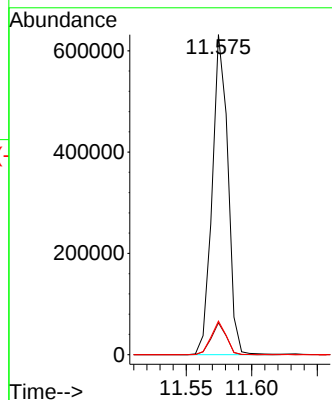
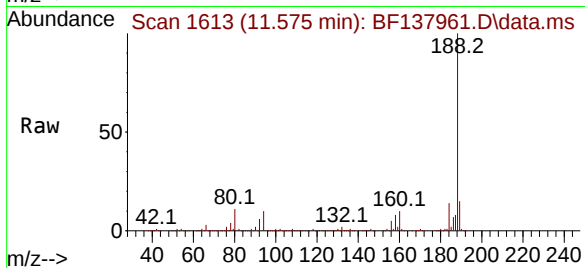
Tgt Ion:188 Resp: 526574

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.5 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 2.881 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137961.D

Acq: 20 May 2024 16:08

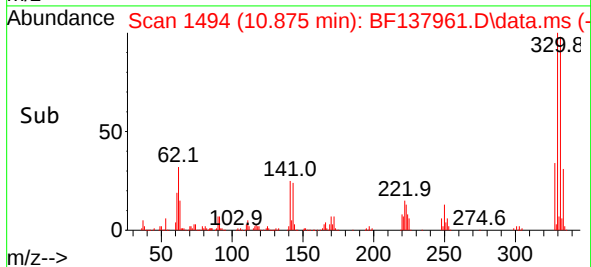
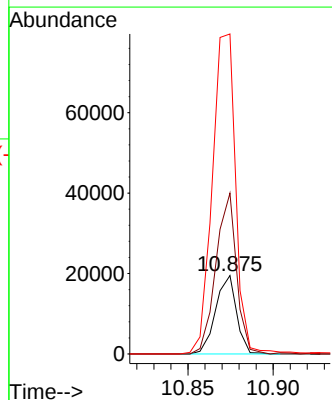
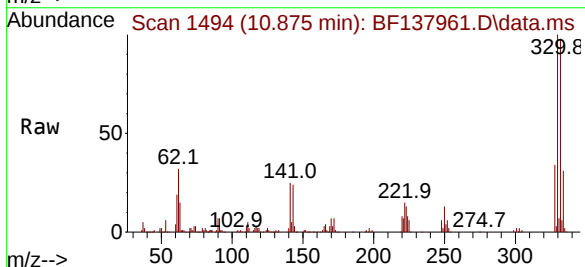
Tgt Ion:248 Resp: 16629

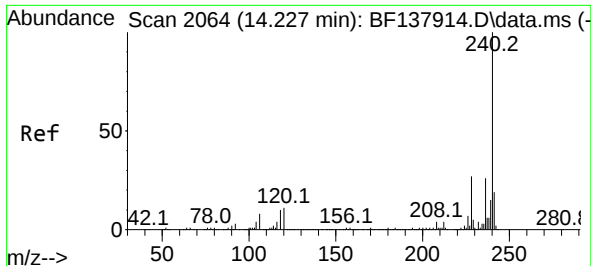
Ion Ratio Lower Upper

248 100

250 205.3 77.6 116.4#

141 408.4 61.4 92.2#

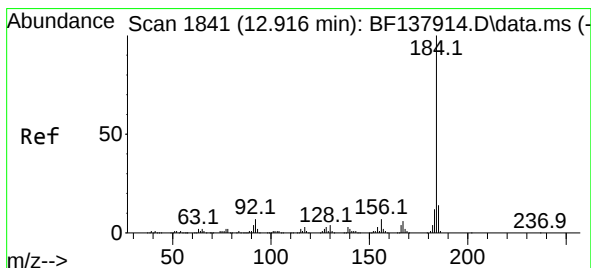
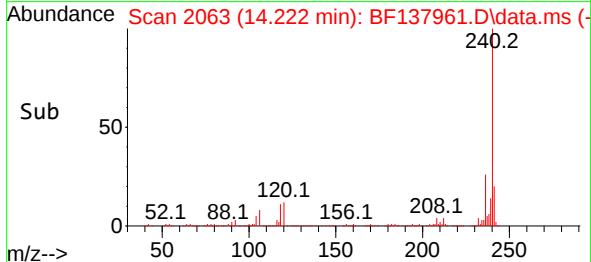
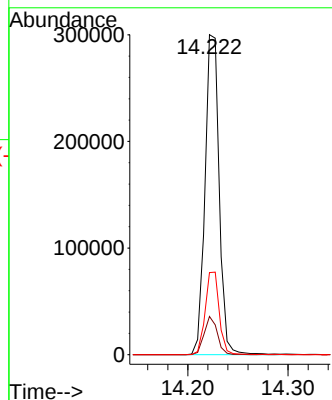
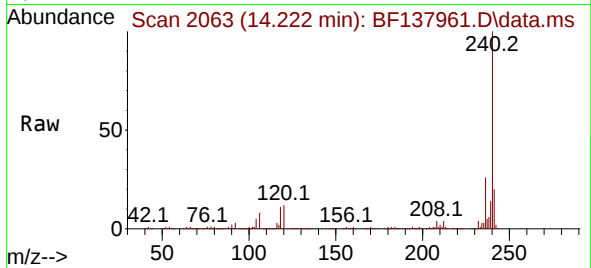




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

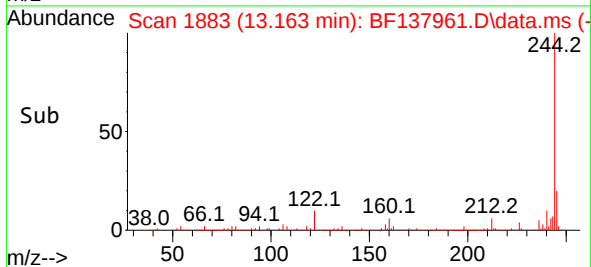
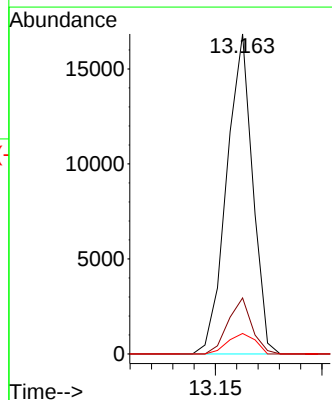
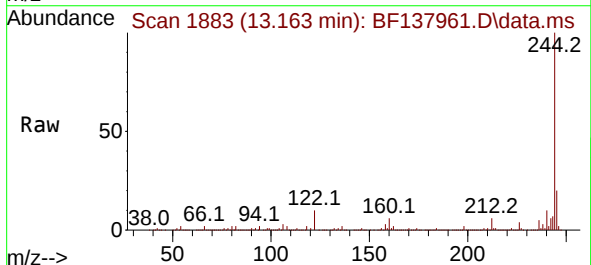
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

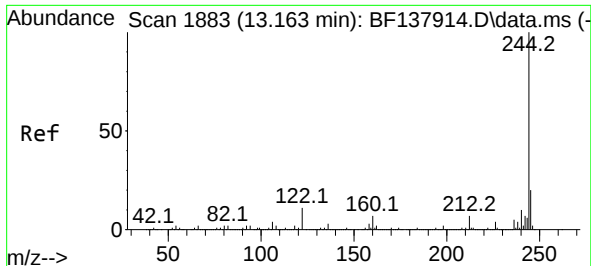
Tgt Ion:240 Resp: 297019
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.7 21.0 31.4



#77
Benzidine
Concen: 3.673 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137961.D
Acq: 20 May 2024 16:08

Tgt Ion:184 Resp: 14256
Ion Ratio Lower Upper
184 100
185 17.5 11.4 17.2#
183 6.4 9.5 14.3#

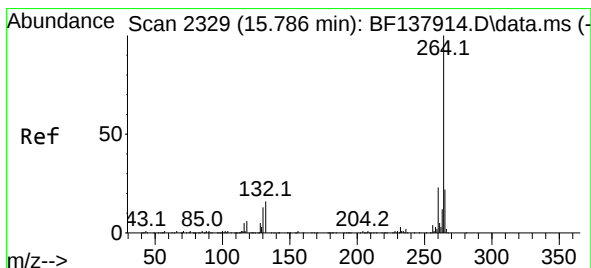
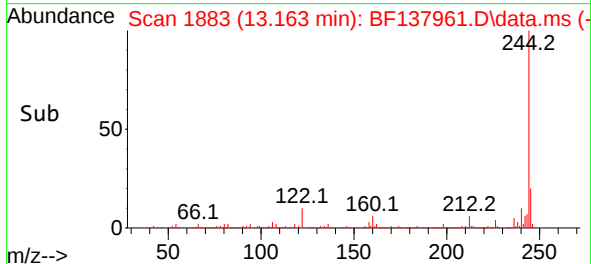
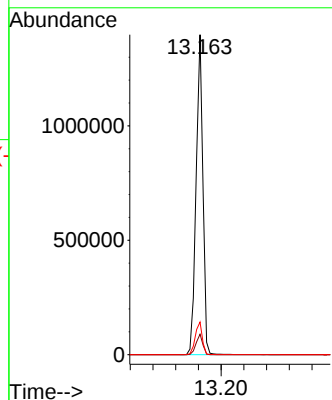
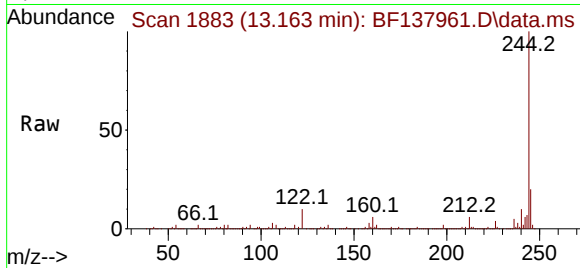




#79
 Terphenyl-d14
 Concen: 57.949 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137961.D
 Acq: 20 May 2024 16:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-LL

Tgt Ion:244 Resp: 1167860
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF137961.D
 Acq: 20 May 2024 16:08

Tgt Ion:264 Resp: 339559
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 21.6 17.6 26.4

