

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136853.D
 Acq On : 30 Dec 2023 04:42
 Operator : CG\JU
 Sample : 06031-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-10-12

Quant Time: Dec 30 05:22:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

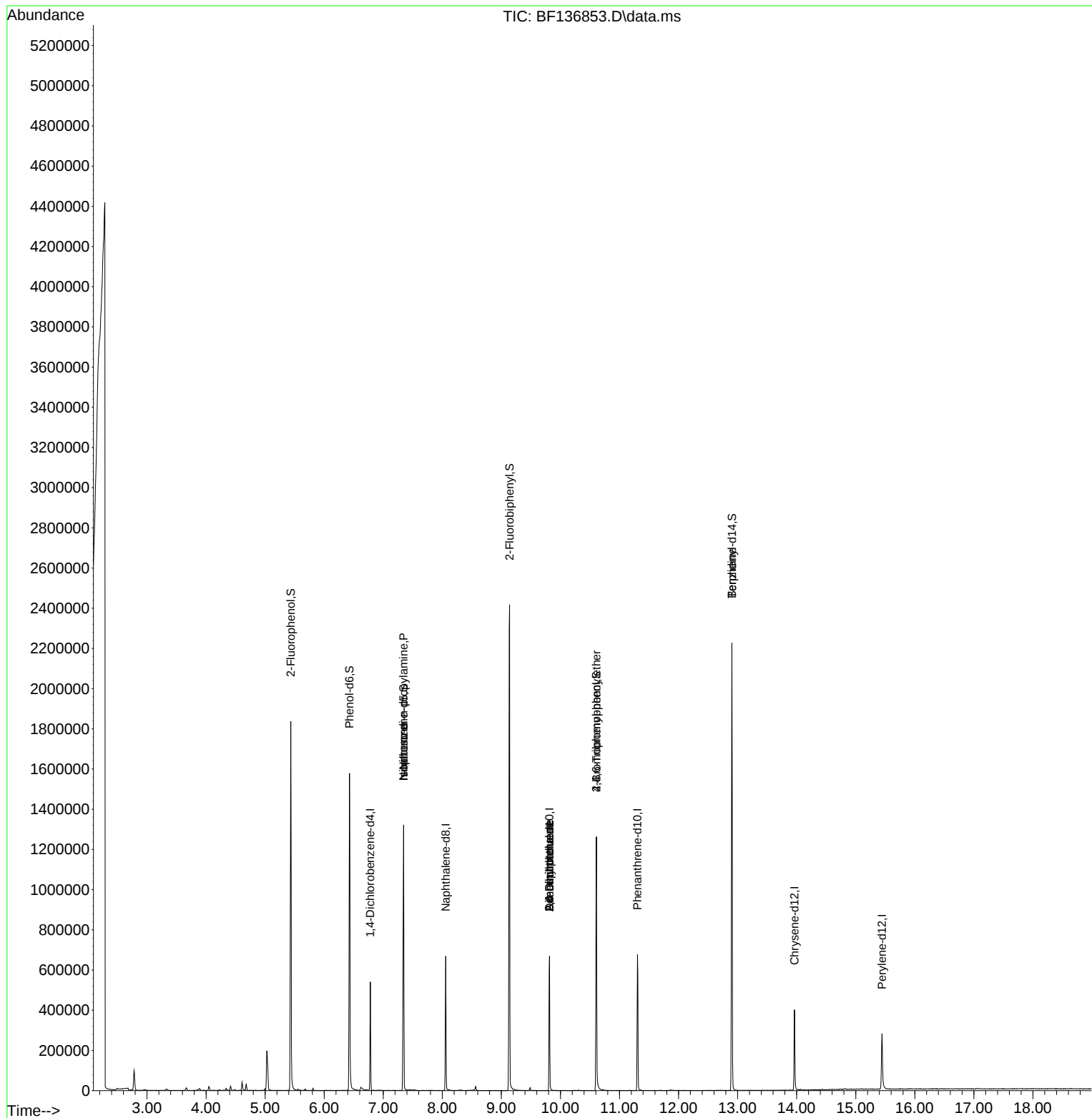
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71070	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	272327	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	140236	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	261738	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	141491	20.000	ng	0.00
86) Perylene-d12	15.445	264	147305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	496917	109.094	ng	0.00
7) Phenol-d6	6.428	99	572873	97.063	ng	-0.01
23) Nitrobenzene-d5	7.345	82	419735	78.869	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	169476	102.614	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	847330	81.266	ng	-0.01
79) Terphenyl-d14	12.904	244	807720	79.776	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	55714	15.572	ng	# 73
25) Isophorone	7.345	82	419726	43.343	ng	# 65
50) Dimethylphthalate	9.816	163	28200	2.753	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17892	7.696	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17892	5.929	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9792	3.369	ng	# 1
77) Benzidine	12.904	184	8912	2.136	ng	# 94

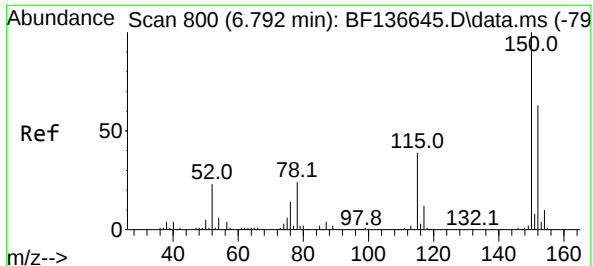
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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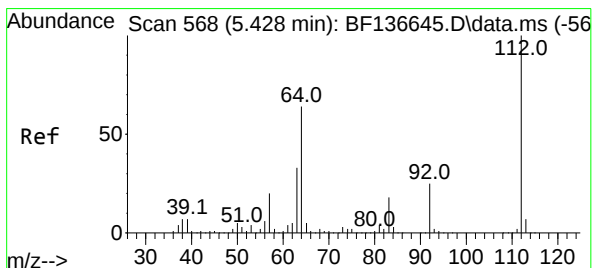
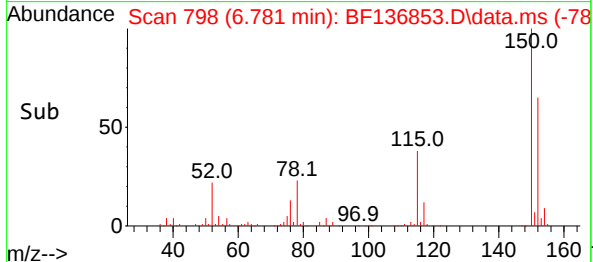
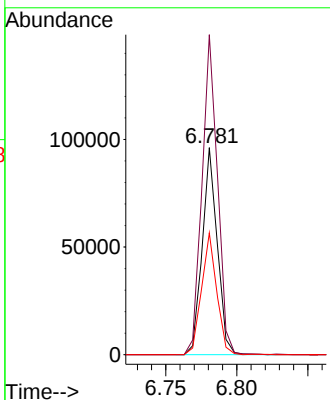
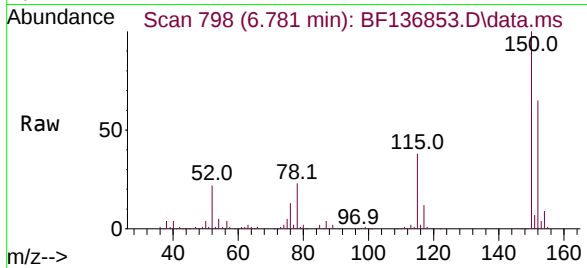




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

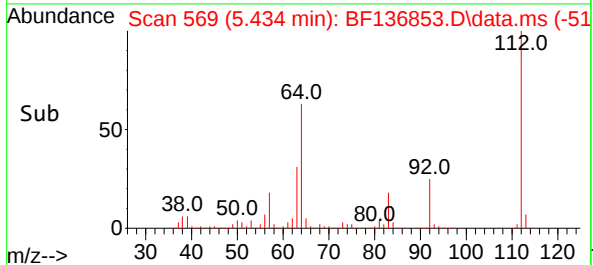
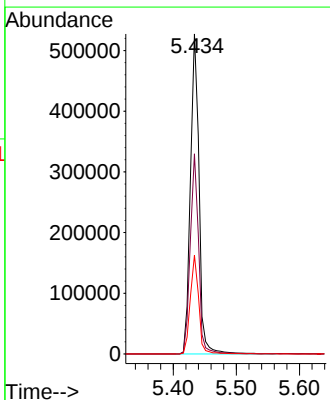
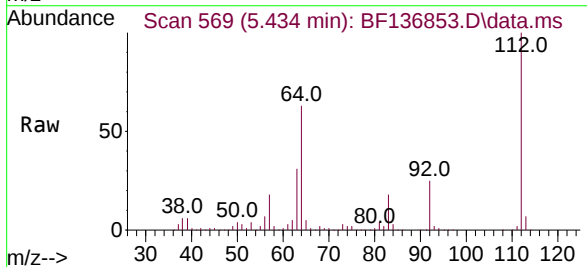
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

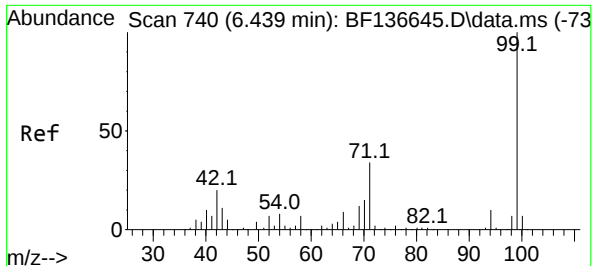
Tgt Ion:152 Resp: 71070
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 109.094 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion:112 Resp: 496917
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 30.9 26.1 39.1

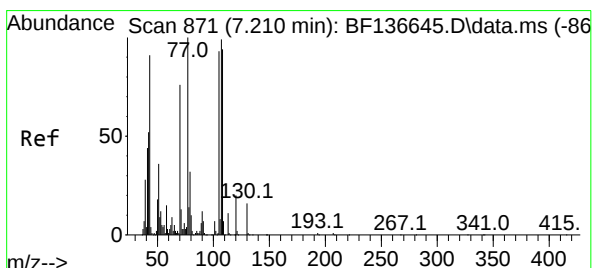
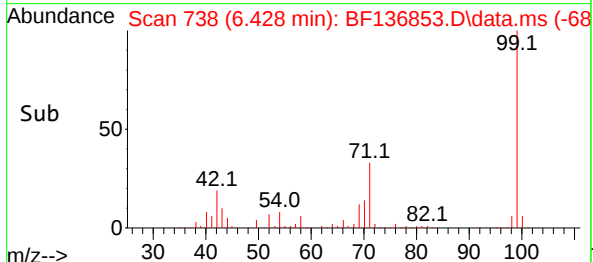
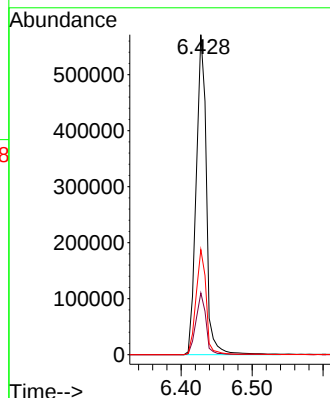
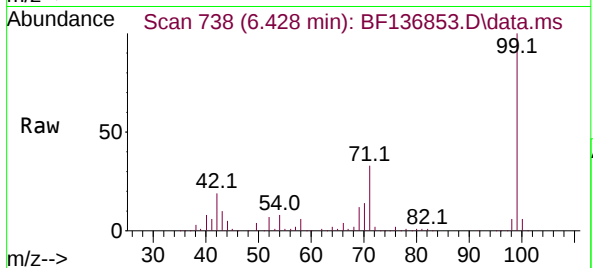




#7
Phenol-d6
Concen: 97.063 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

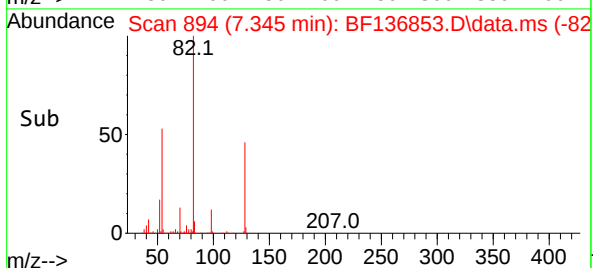
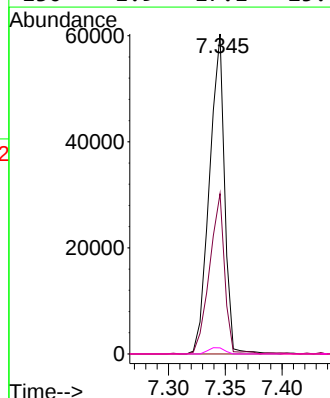
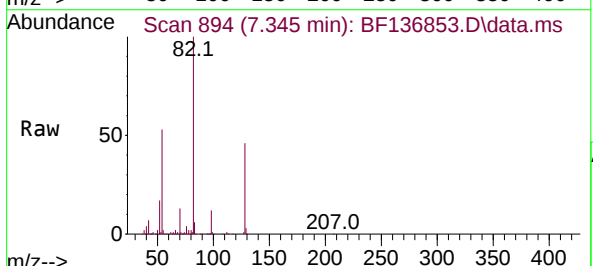
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

Tgt Ion: 99 Resp: 572873
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.572 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion: 70 Resp: 55714
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#



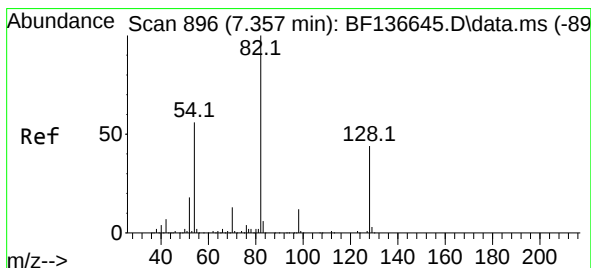
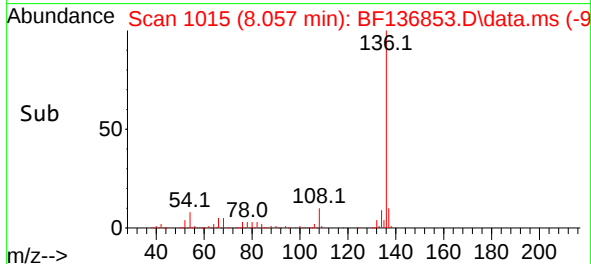
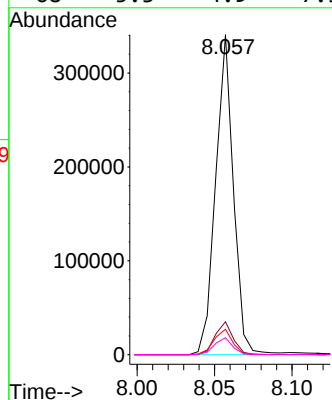
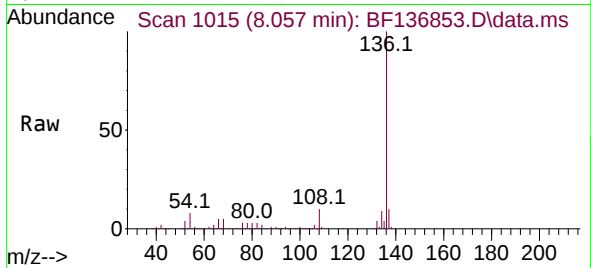


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

Tgt Ion:136 Resp: 272327

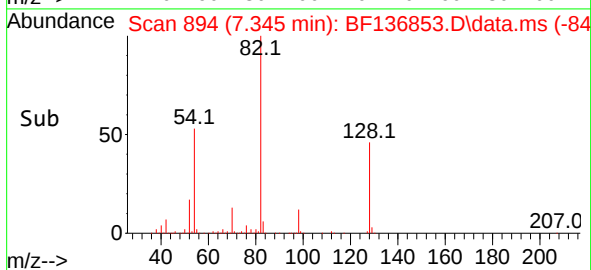
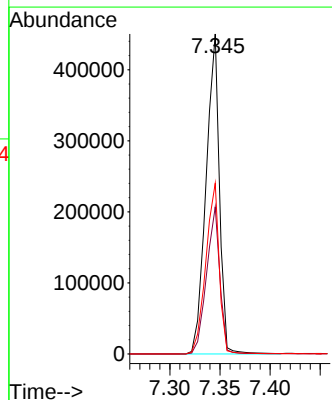
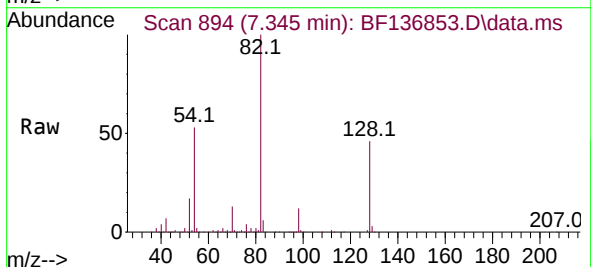
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	7.9	7.2	10.8
68	5.3	4.9	7.3

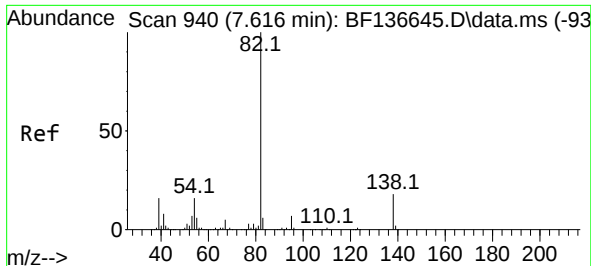


#23
Nitrobenzene-d5
Concen: 78.869 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion: 82 Resp: 419735

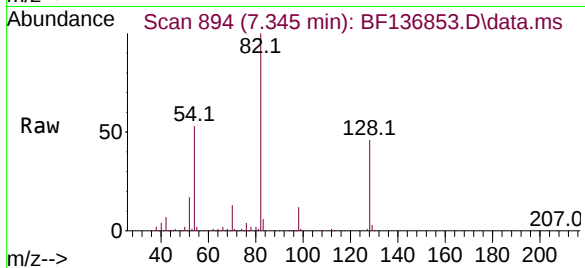
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.3	52.9
54	53.4	44.5	66.7



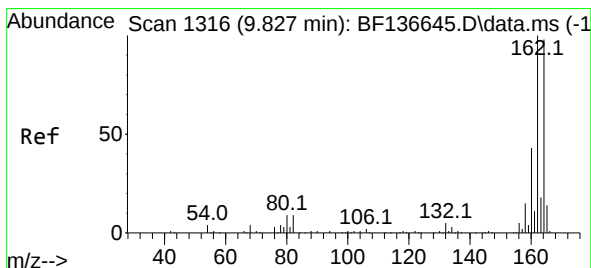
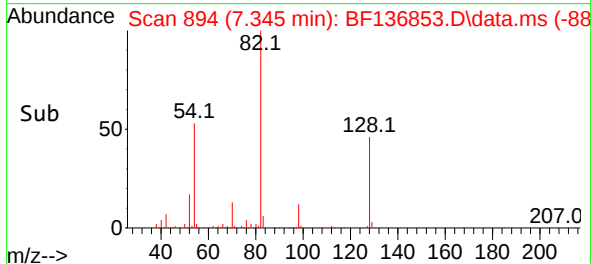
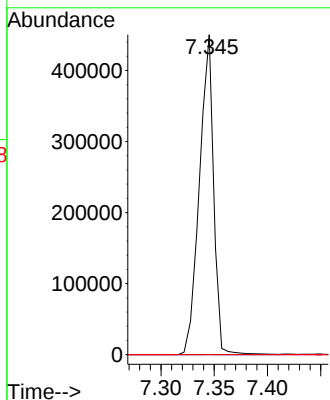


#25
Isophorone
Concen: 43.343 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

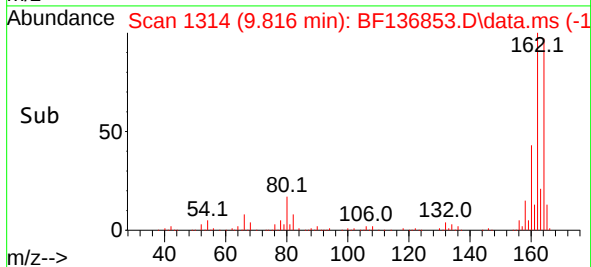
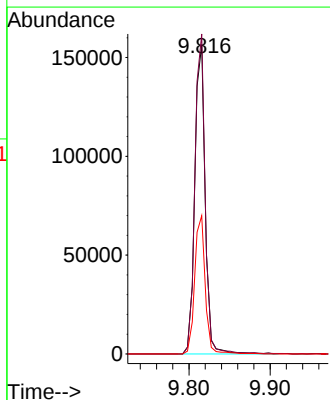
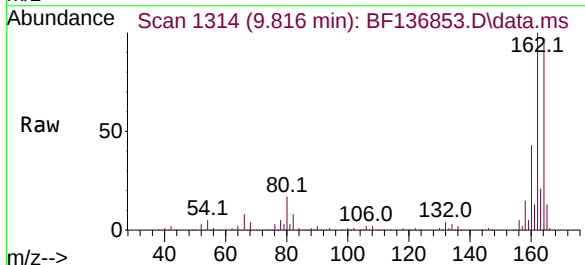


Tgt Ion: 82 Resp: 419726
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion:164 Resp: 140236
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 44.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 102.614 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136853.D

Acq: 30 Dec 2023 04:42

Instrument :

BNA_F

ClientSampleId :

MR-321-10-12

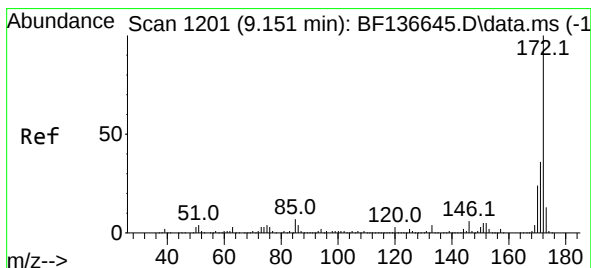
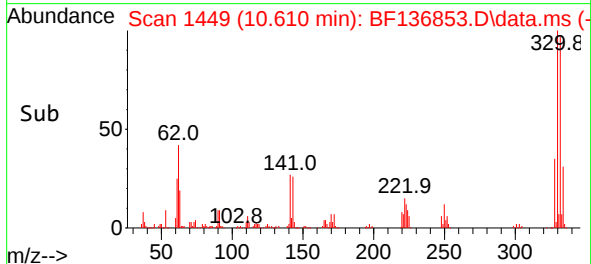
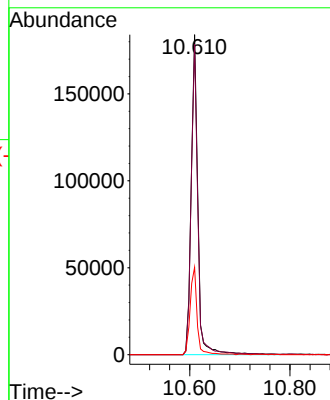
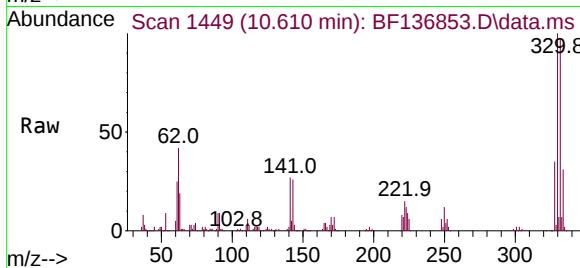
Tgt Ion:330 Resp: 169476

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.266 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136853.D

Acq: 30 Dec 2023 04:42

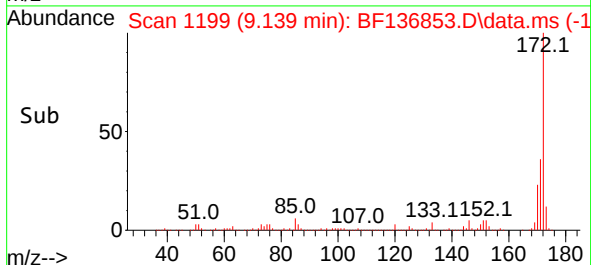
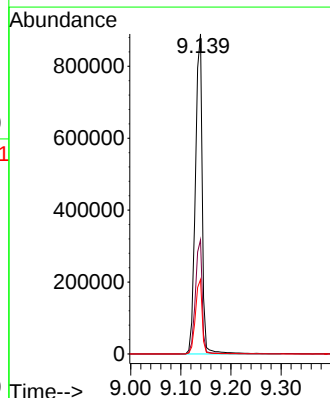
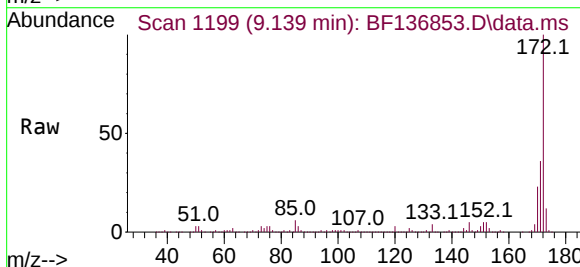
Tgt Ion:172 Resp: 847330

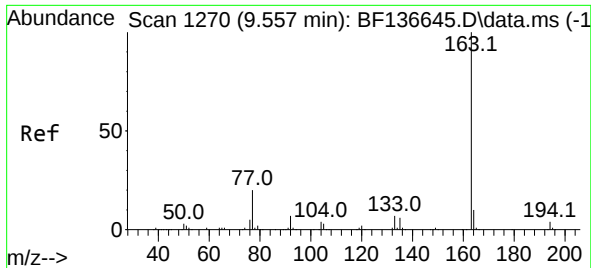
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.2 19.0 28.4

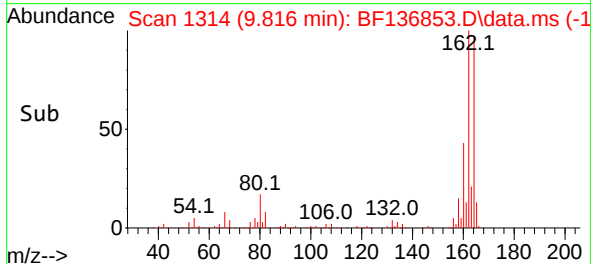
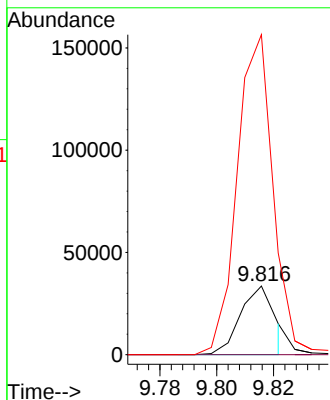
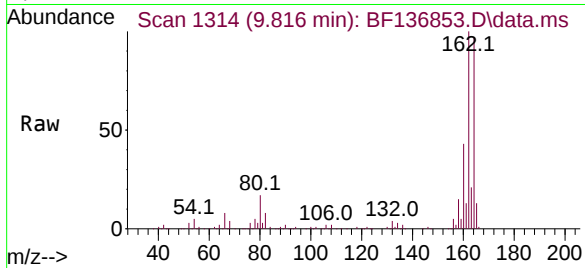




#50
Dimethylphthalate
Concen: 2.753 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

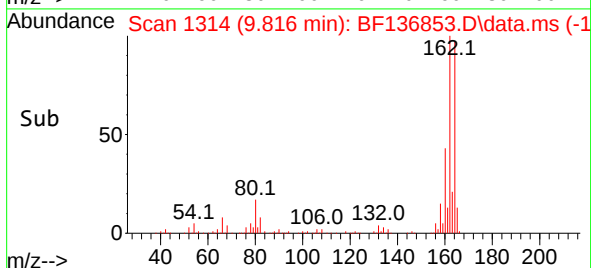
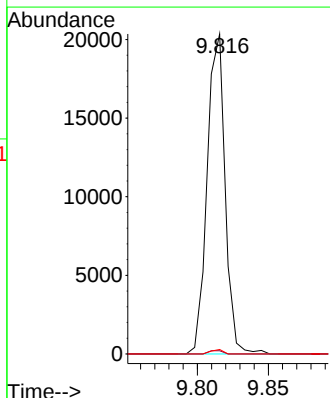
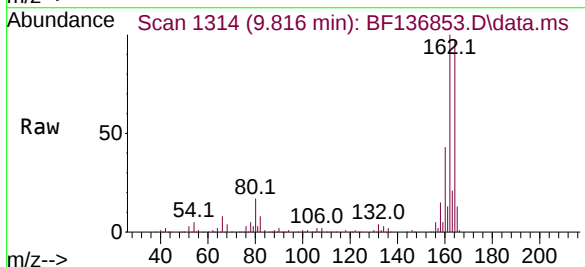
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

Tgt Ion:163 Resp: 28200
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 466.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.696 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

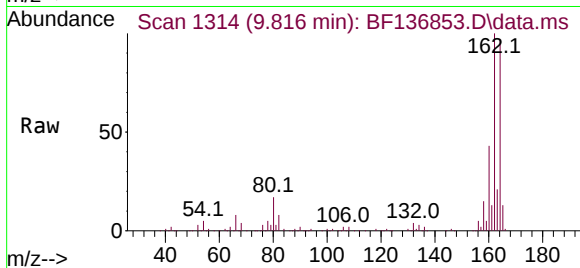
Tgt Ion:165 Resp: 17892
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 38.8 58.2#



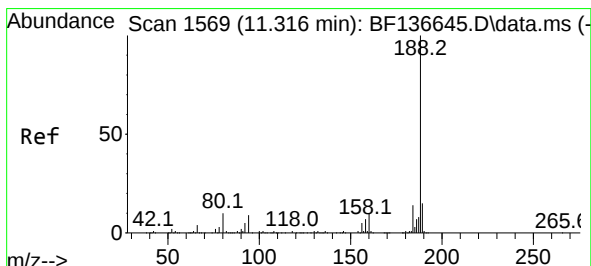
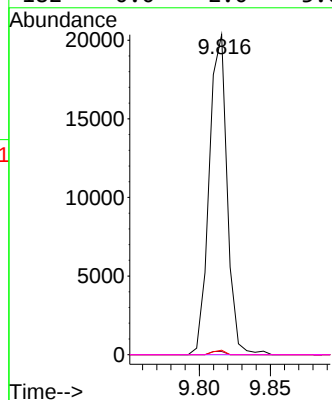
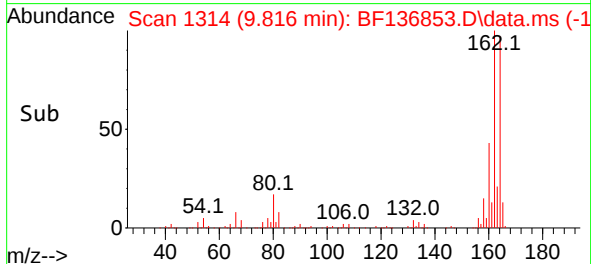


#57
2,4-Dinitrotoluene
Concen: 5.929 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

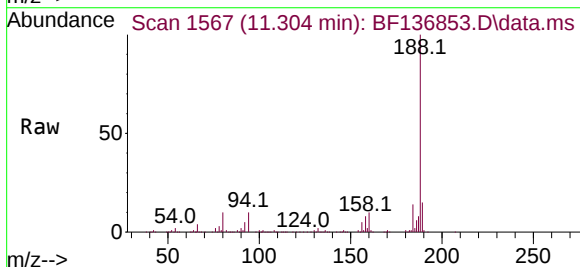
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12



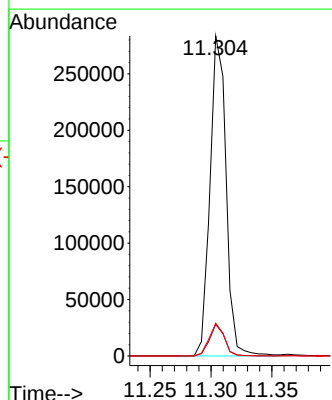
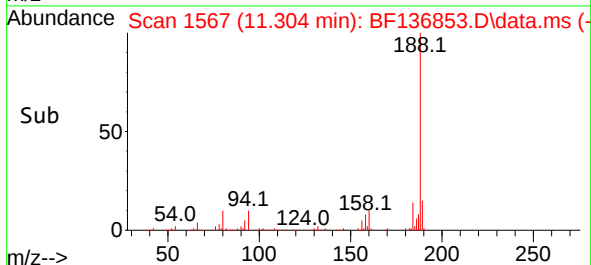
Tgt Ion:165 Resp: 17892
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#

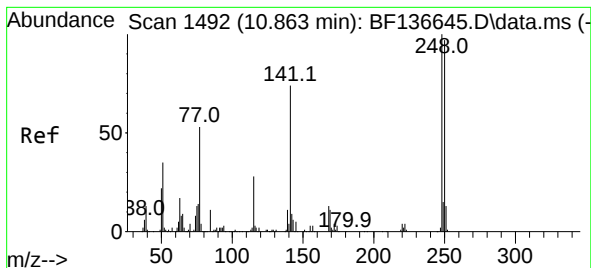


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42



Tgt Ion:188 Resp: 261738
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 8.1 12.1

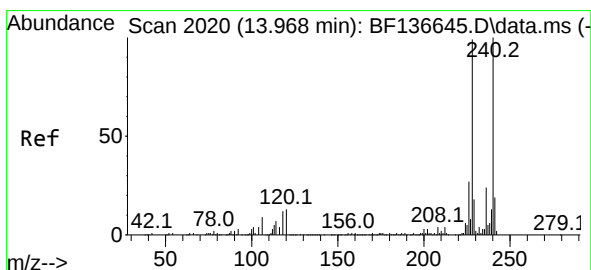
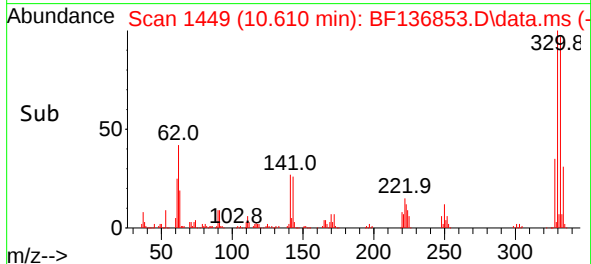
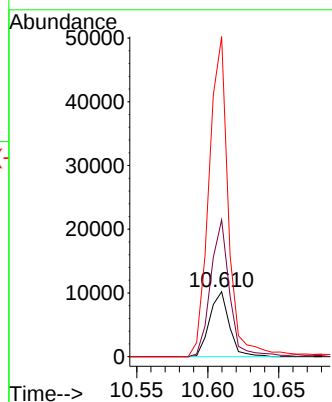
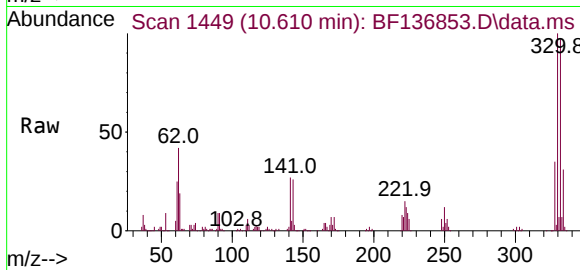




#67
4-Bromophenyl-phenylether
Concen: 3.369 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

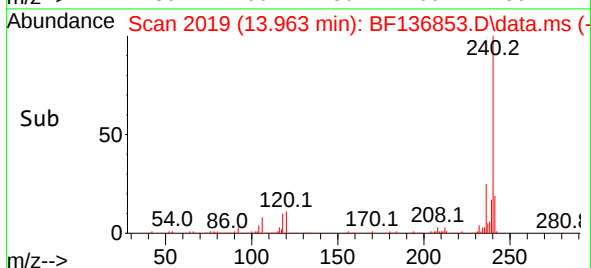
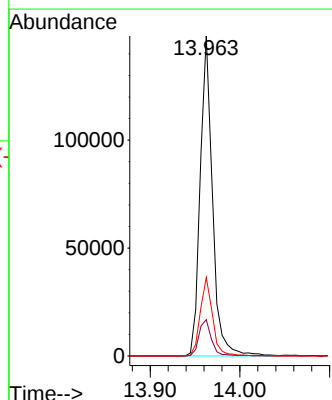
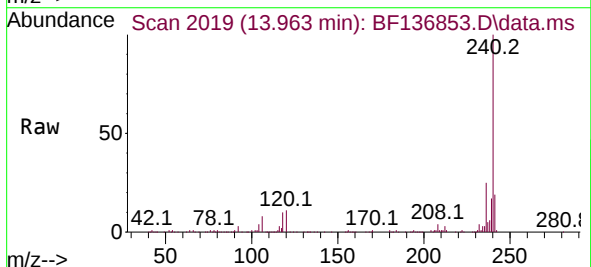
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

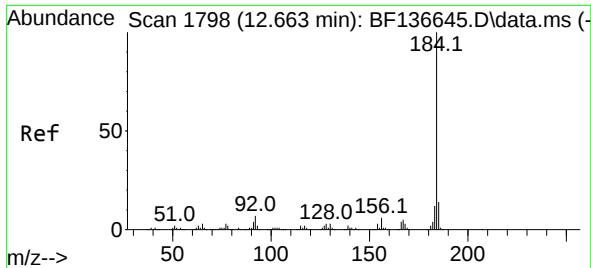
Tgt Ion:248 Resp: 9792
Ion Ratio Lower Upper
248 100
250 210.7 77.8 116.6#
141 492.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion:240 Resp: 141491
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 24.5 19.4 29.2

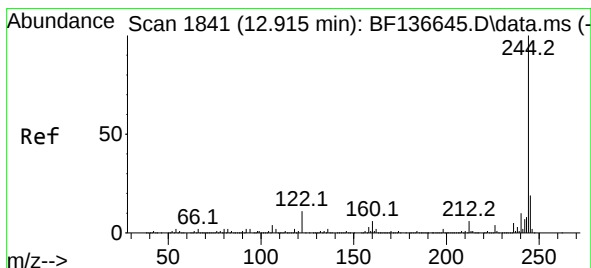
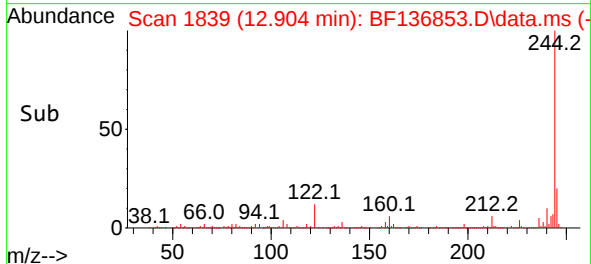
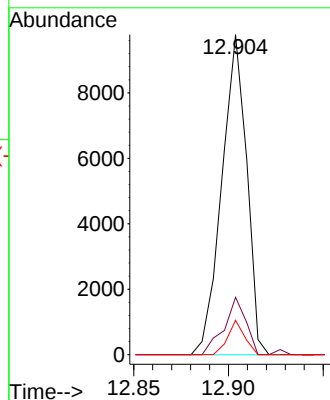
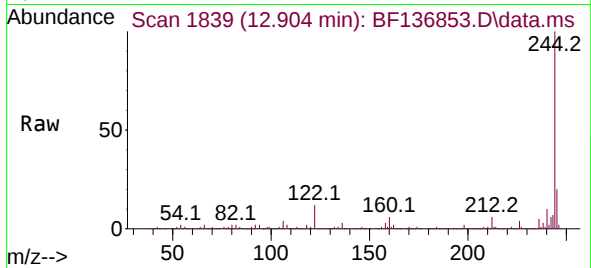




#77
Benzidine
Concen: 2.136 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

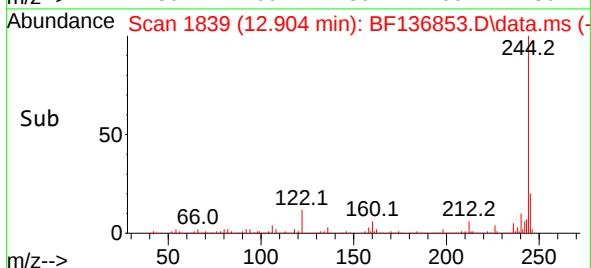
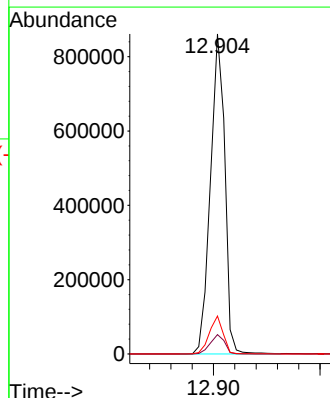
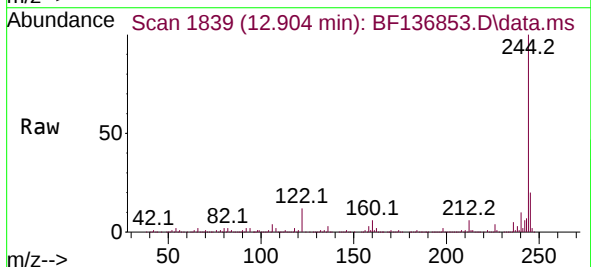
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

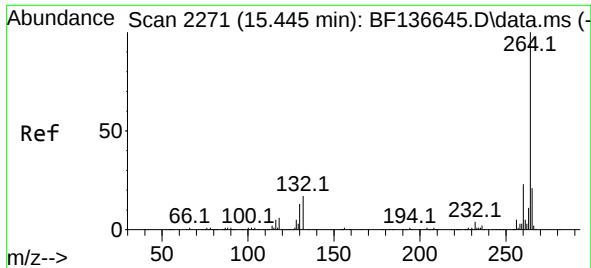
Tgt Ion:184 Resp: 8912
Ion Ratio Lower Upper
184 100
185 18.0 11.2 16.8#
183 10.8 9.3 13.9



#79
Terphenyl-d14
Concen: 79.776 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion:244 Resp: 807720
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 11.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136853.D
 Acq: 30 Dec 2023 04:42

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-10-12

Tgt Ion:264 Resp: 147305
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.3 27.5
 265 20.7 17.0 25.6

