

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133893.D
 Acq On : 22 Jun 2023 10:33
 Operator : CG\JU
 Sample : PB153476TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153476TB

Quant Time: Jun 23 02:25:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

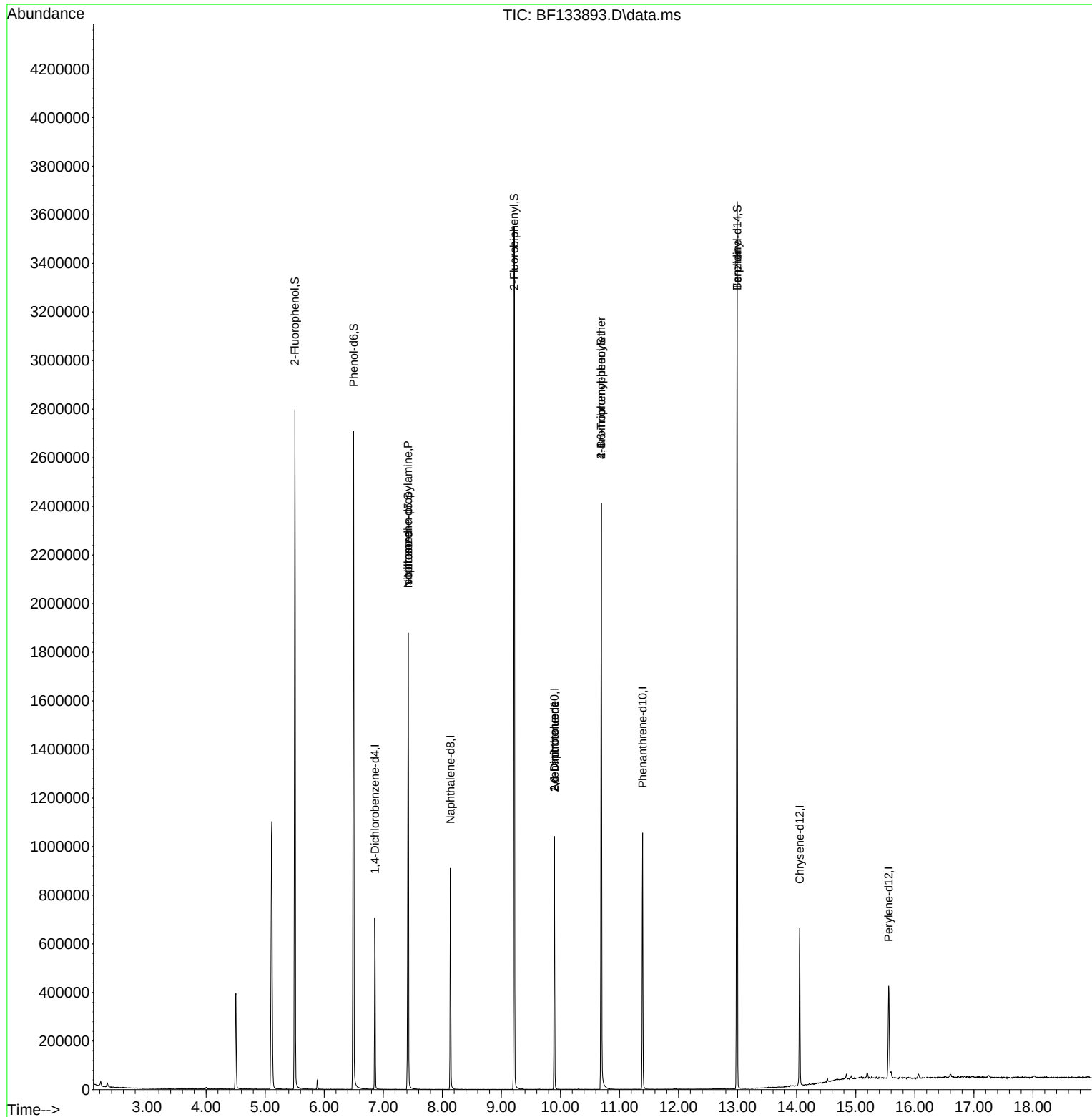
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	93964	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	371941	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	191173	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	383010	20.000	ng	0.00
76) Chrysene-d12	14.051	240	214469	20.000	ng	0.00
86) Perylene-d12	15.556	264	192884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	745631	138.145	ng	0.01
7) Phenol-d6	6.498	99	899768	128.069	ng	0.00
23) Nitrobenzene-d5	7.422	82	606910	88.875	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	296483	122.518	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1128862	83.939	ng	0.00
79) Terphenyl-d14	12.992	244	1254269	90.493	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	85527	19.133	ng	# 81
25) Isophorone	7.422	82	605361	48.287	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	24305	8.252	ng	# 29
57) 2,4-Dinitrotoluene	9.898	165	24305	6.488	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	17734	4.148	ng	# 1
77) Benzidine	12.992	184	18296	2.542	ng	# 95

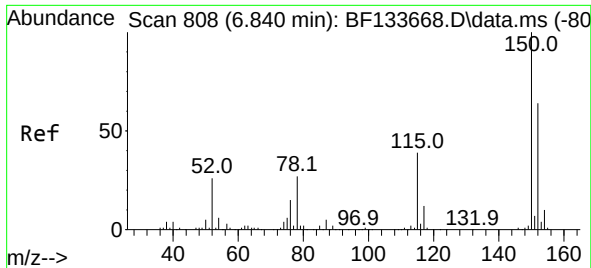
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133893.D
Acq On : 22 Jun 2023 10:33
Operator : CG\JU
Sample : PB153476TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153476TB

Quant Time: Jun 23 02:25:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

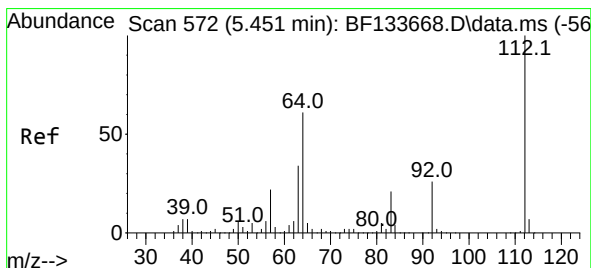
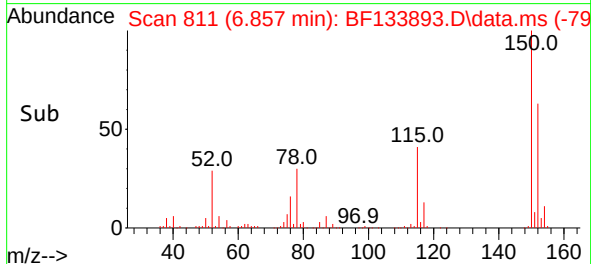
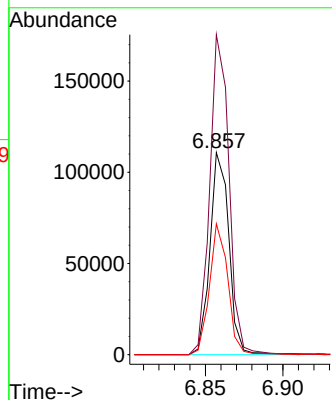
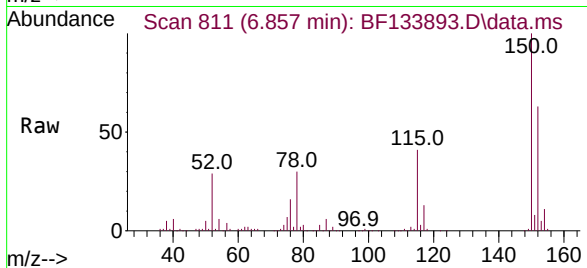




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

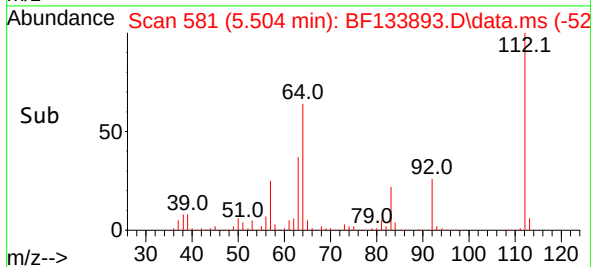
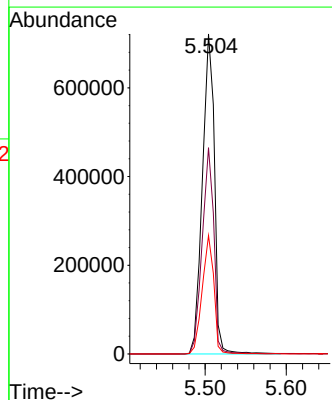
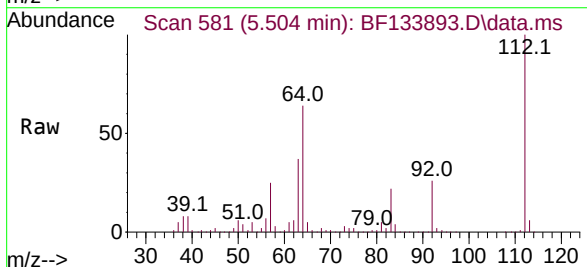
Instrument :
BNA_F
ClientSampleId :
PB153476TB

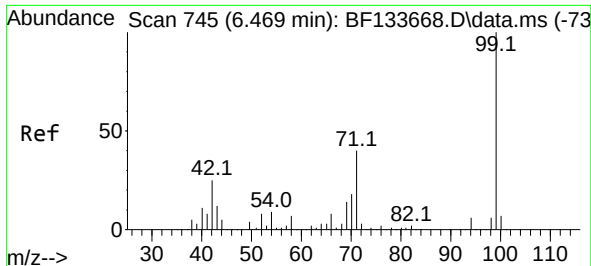
Tgt Ion:152 Resp: 93964
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 64.8 48.5 72.7



#5
2-Fluorophenol
Concen: 138.145 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion:112 Resp: 745631
Ion Ratio Lower Upper
112 100
64 64.4 49.0 73.4
63 37.0 26.8 40.2

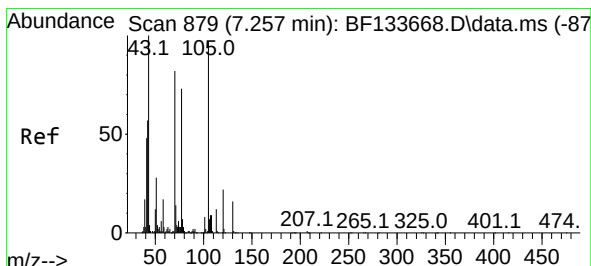
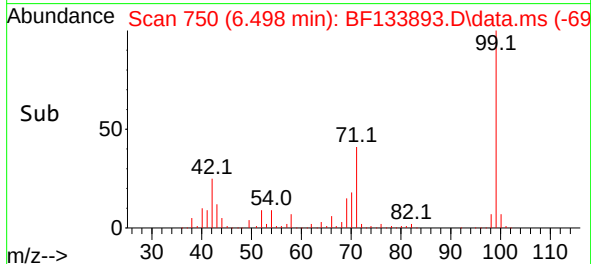
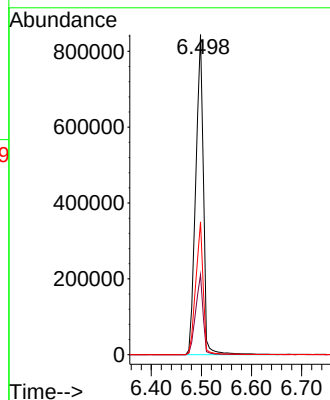
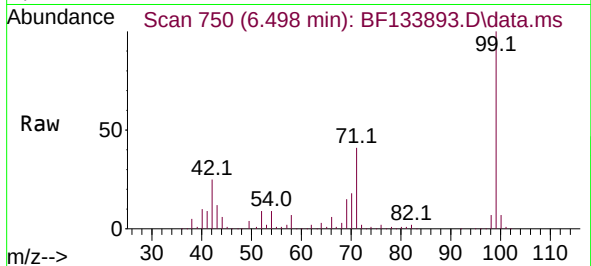




#7
Phenol-d6
Concen: 128.069 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

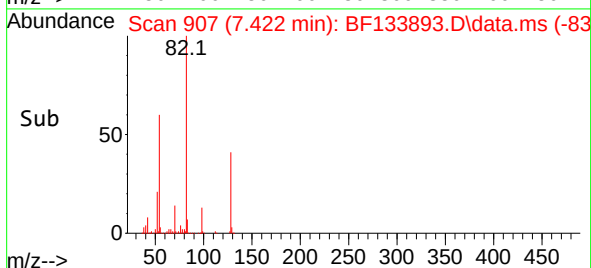
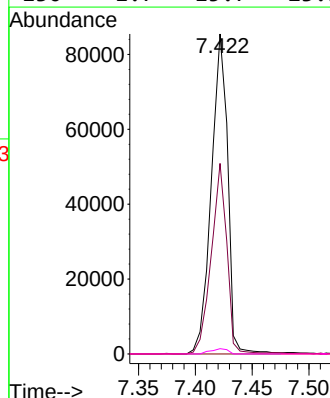
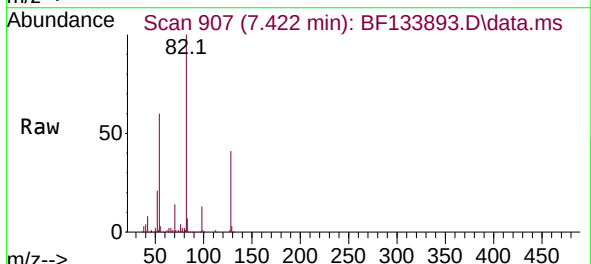
Instrument :
BNA_F
ClientSampleId :
PB153476TB

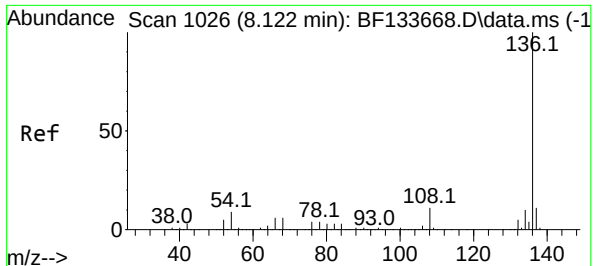
Tgt Ion: 99 Resp: 899768
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 41.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.133 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion: 70 Resp: 85527
Ion Ratio Lower Upper
70 100
42 59.6 55.8 83.8
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#

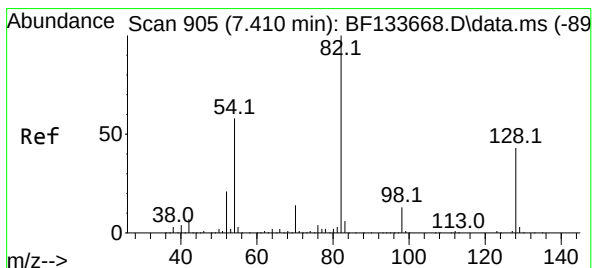
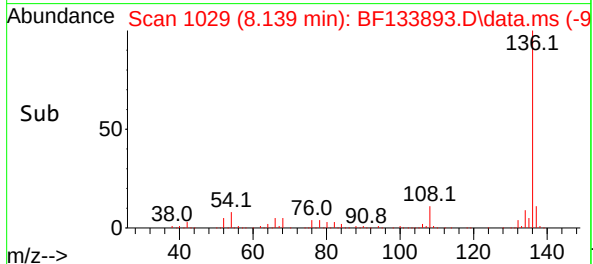
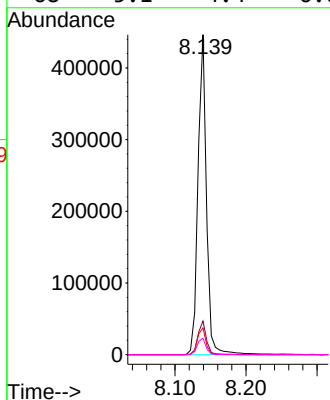
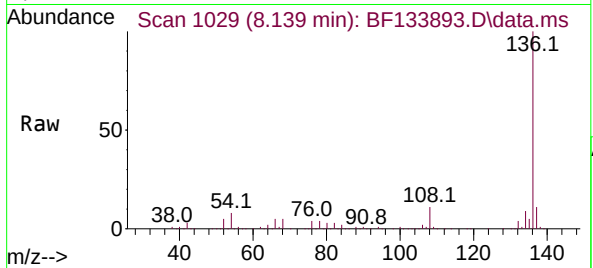




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

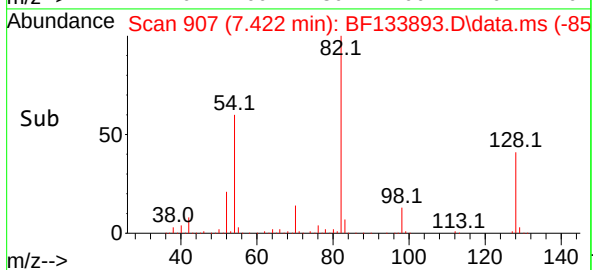
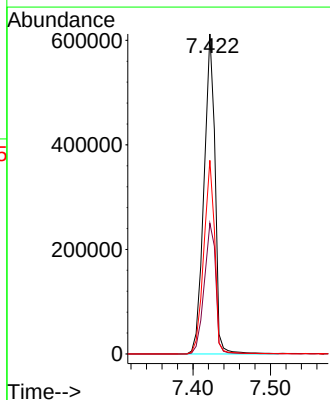
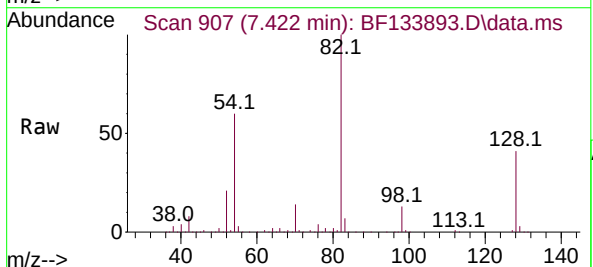
Instrument :
BNA_F
ClientSampleId :
PB153476TB

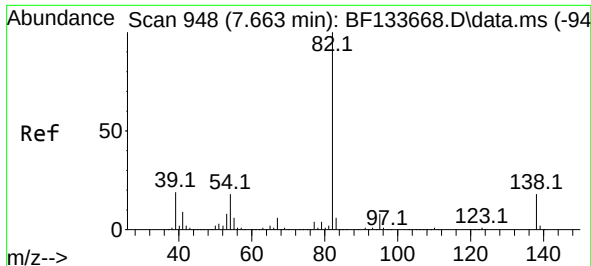
Tgt Ion:136 Resp: 371941
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.4 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.875 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion: 82 Resp: 606910
Ion Ratio Lower Upper
82 100
128 40.8 34.2 51.2
54 60.5 46.5 69.7

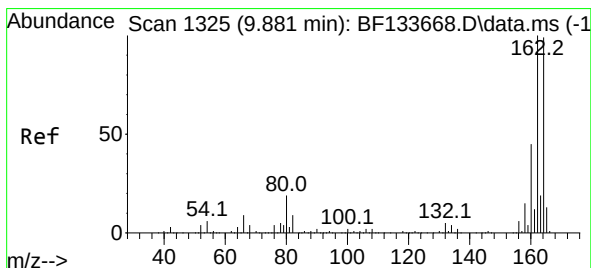
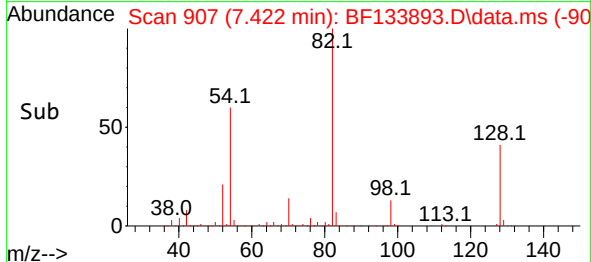
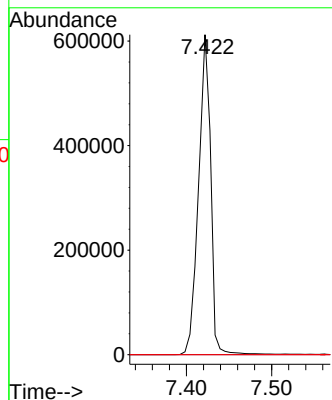
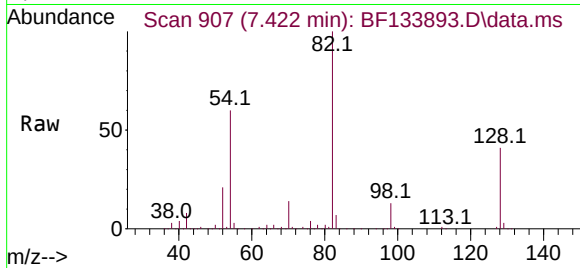




#25
Isophorone
Concen: 48.287 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

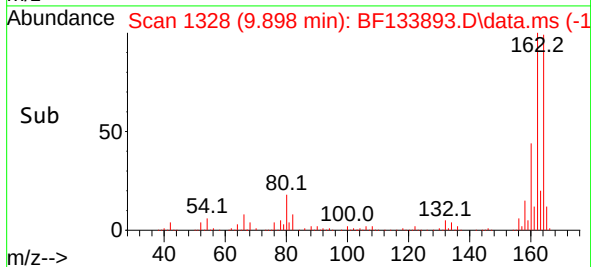
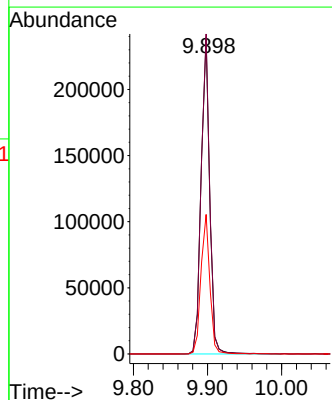
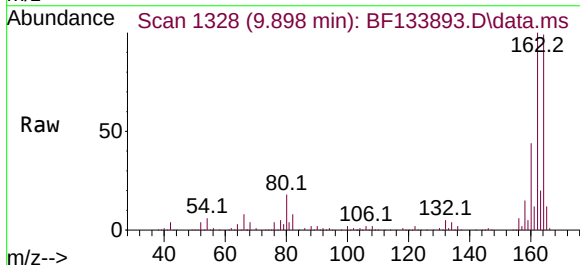
Instrument :
BNA_F
ClientSampleId :
PB153476TB

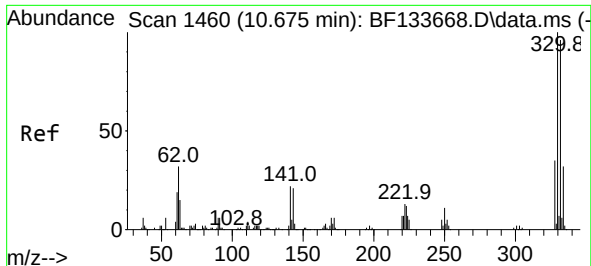
Tgt Ion: 82 Resp: 605361
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion:164 Resp: 191173
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 44.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 122.518 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133893.D

Acq: 22 Jun 2023 10:33

Instrument :

BNA_F

ClientSampleId :

PB153476TB

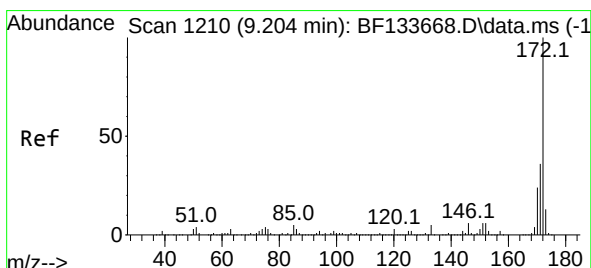
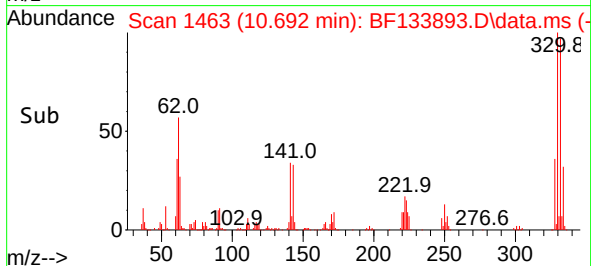
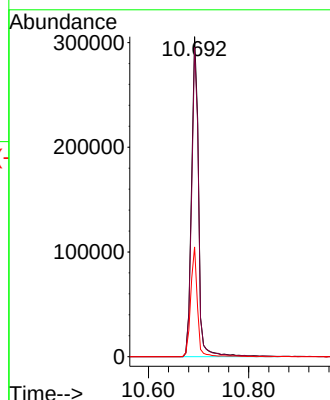
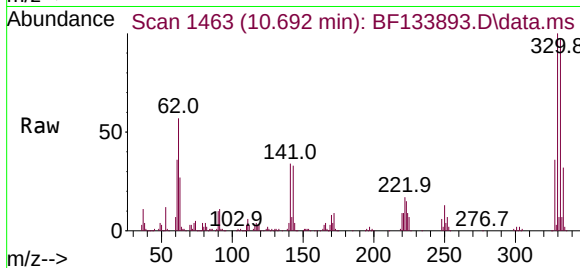
Tgt Ion:330 Resp: 296483

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 33.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 83.939 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133893.D

Acq: 22 Jun 2023 10:33

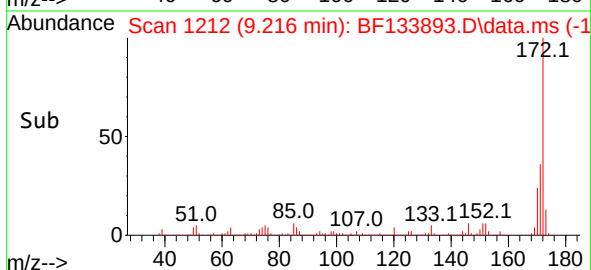
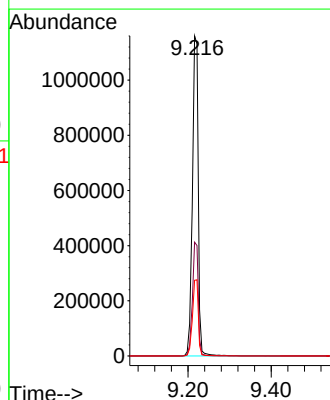
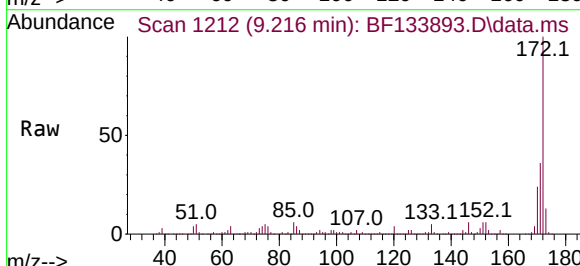
Tgt Ion:172 Resp: 1128862

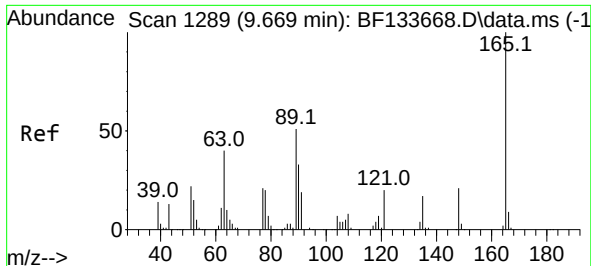
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.7 19.1 28.7

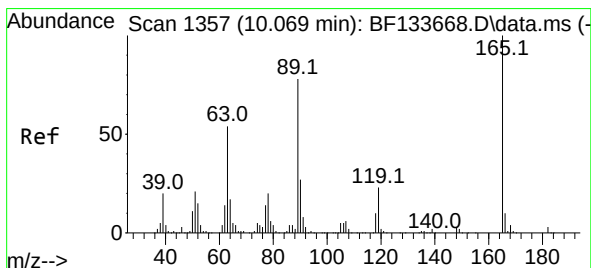
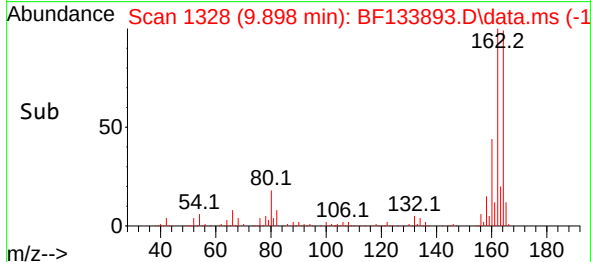
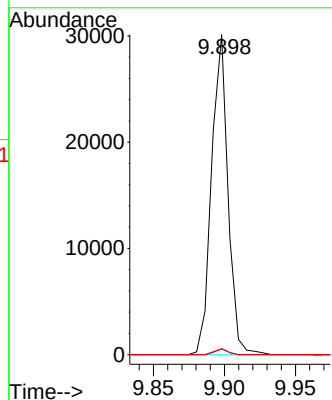
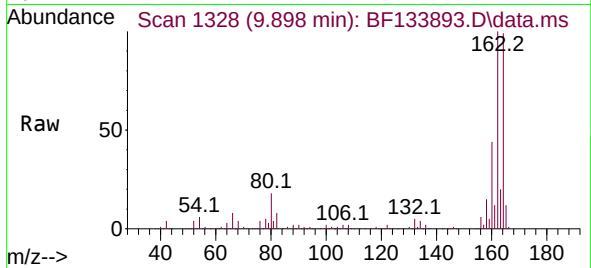




#51
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

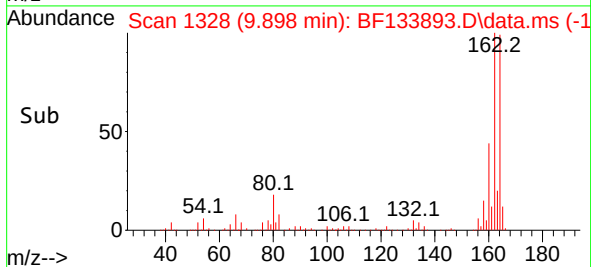
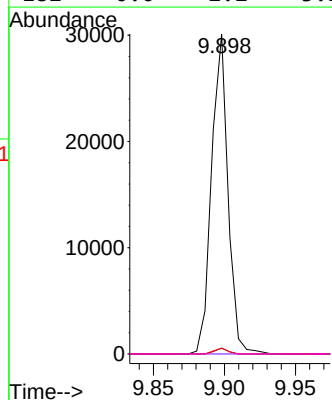
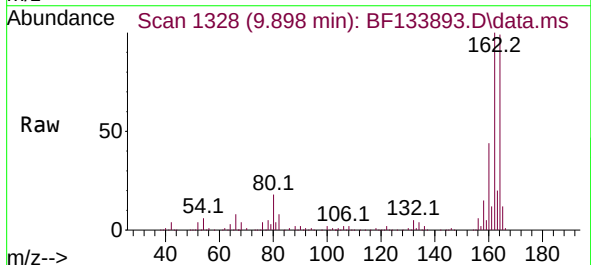
Instrument :
BNA_F
ClientSampleId :
PB153476TB

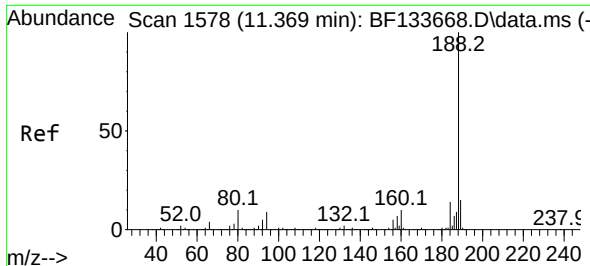
Tgt Ion:165 Resp: 24305
Ion Ratio Lower Upper
165 100
63 1.8 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.488 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion:165 Resp: 24305
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#

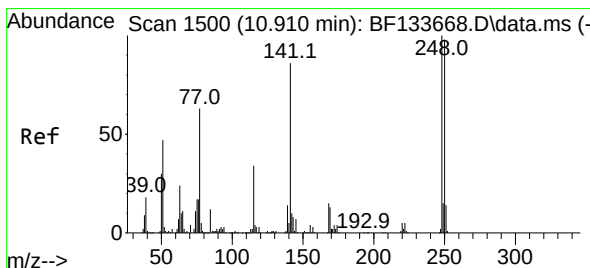
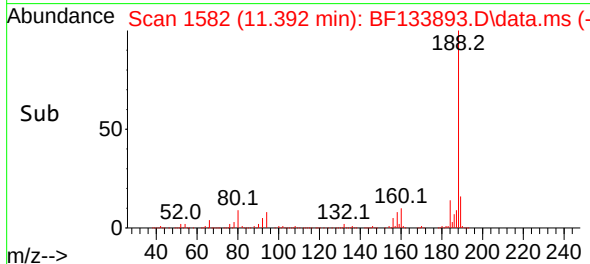
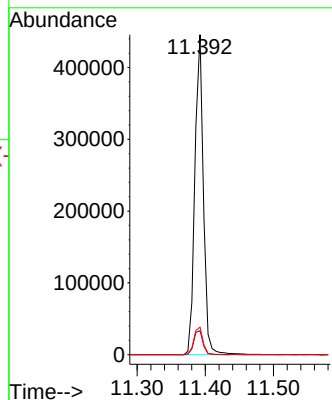
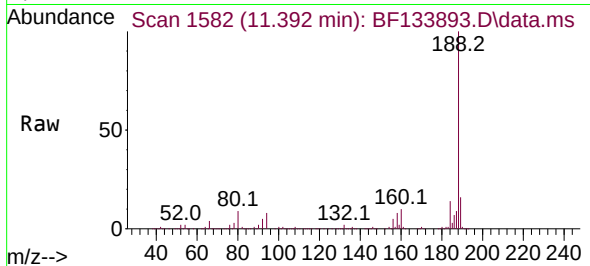




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

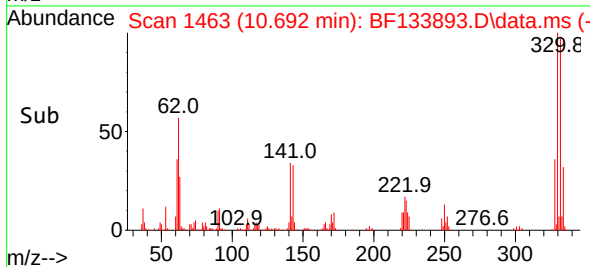
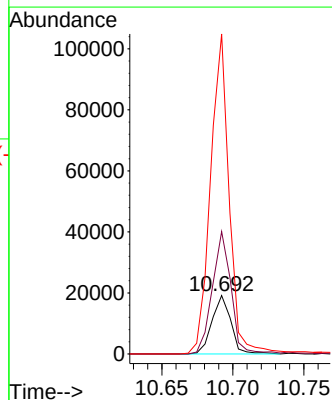
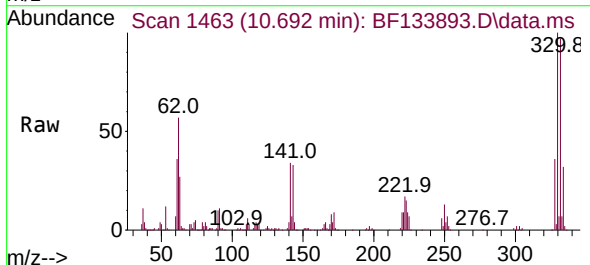
Instrument :
BNA_F
ClientSampleId :
PB153476TB

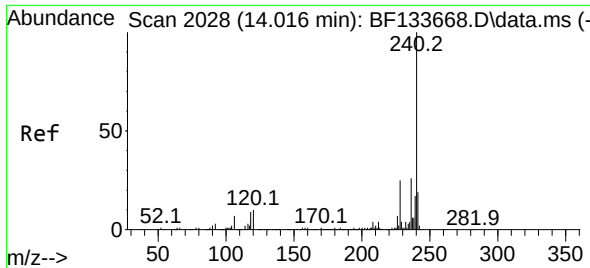
Tgt Ion:188 Resp: 383010
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.6 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.148 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion:248 Resp: 17734
Ion Ratio Lower Upper
248 100
250 209.7 78.3 117.5#
141 548.0 69.0 103.6#

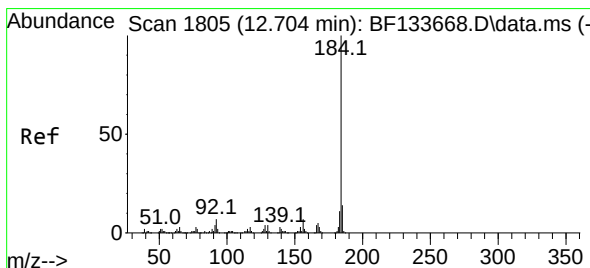
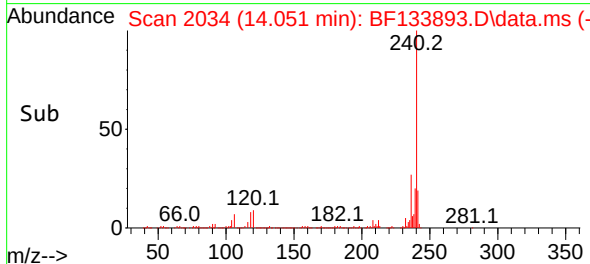
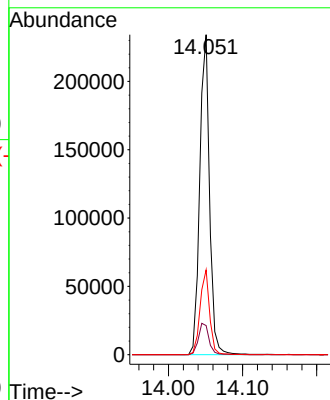
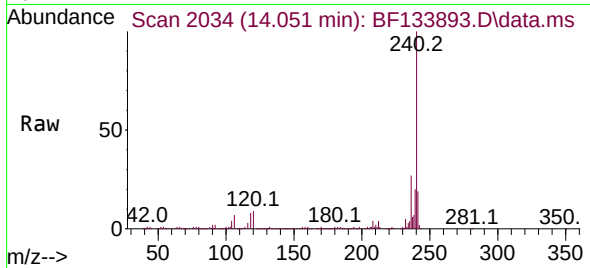




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

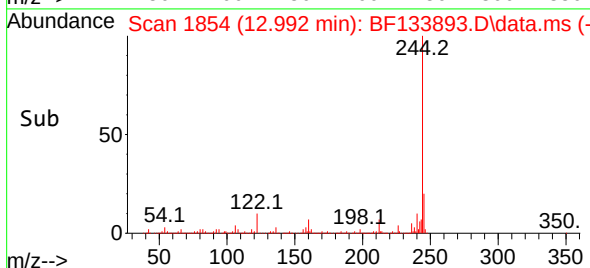
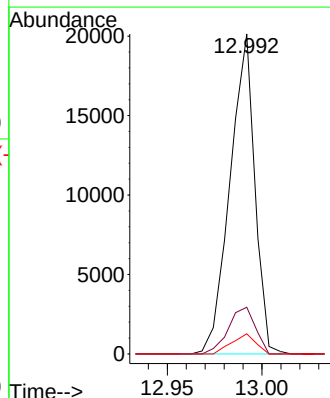
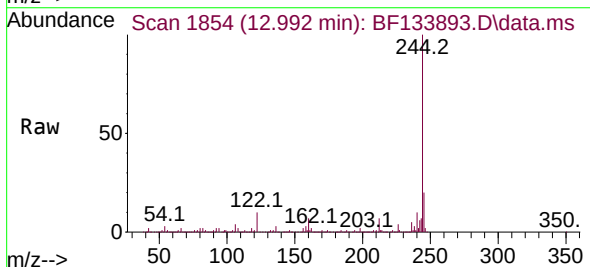
Instrument :
BNA_F
ClientSampleId :
PB153476TB

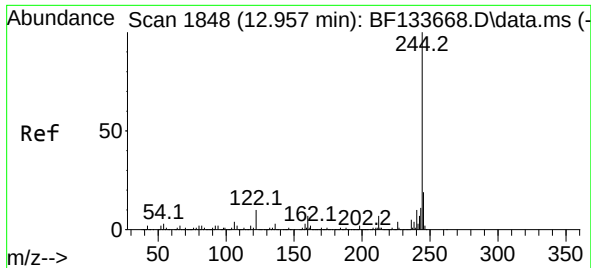
Tgt Ion:240 Resp: 214469
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.5 20.5 30.7



#77
Benzidine
Concen: 2.542 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133893.D
Acq: 22 Jun 2023 10:33

Tgt Ion:184 Resp: 18296
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 6.3 8.4 12.6#

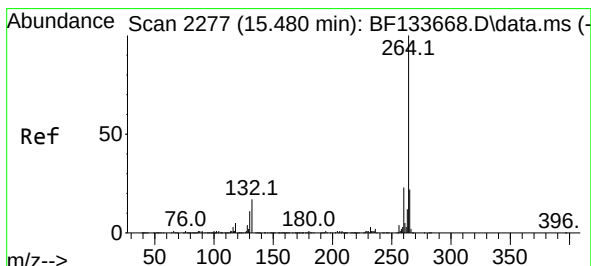
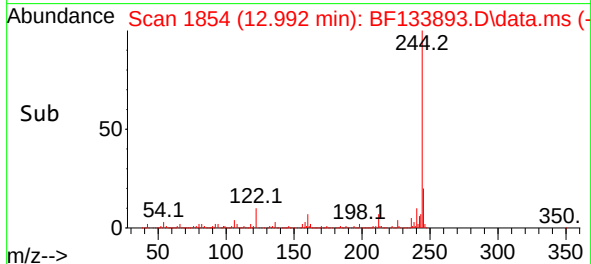
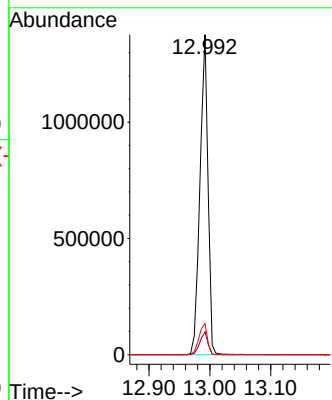
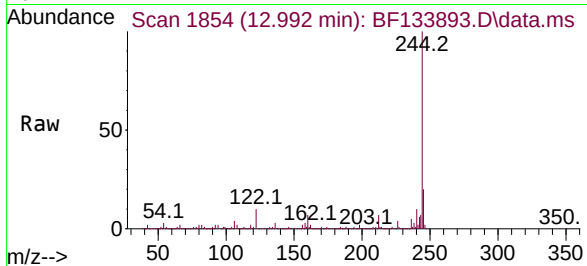




#79
 Terphenyl-d14
 Concen: 90.493 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133893.D
 Acq: 22 Jun 2023 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB153476TB

Tgt Ion:244 Resp: 1254269
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.7 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133893.D
 Acq: 22 Jun 2023 10:33

Tgt Ion:264 Resp: 192884
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 22.3 17.8 26.6

