

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130625.D
 Acq On : 12 Oct 2022 12:36
 Operator : CG\JU
 Sample : N5033-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-1

Quant Time: Oct 13 05:43:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

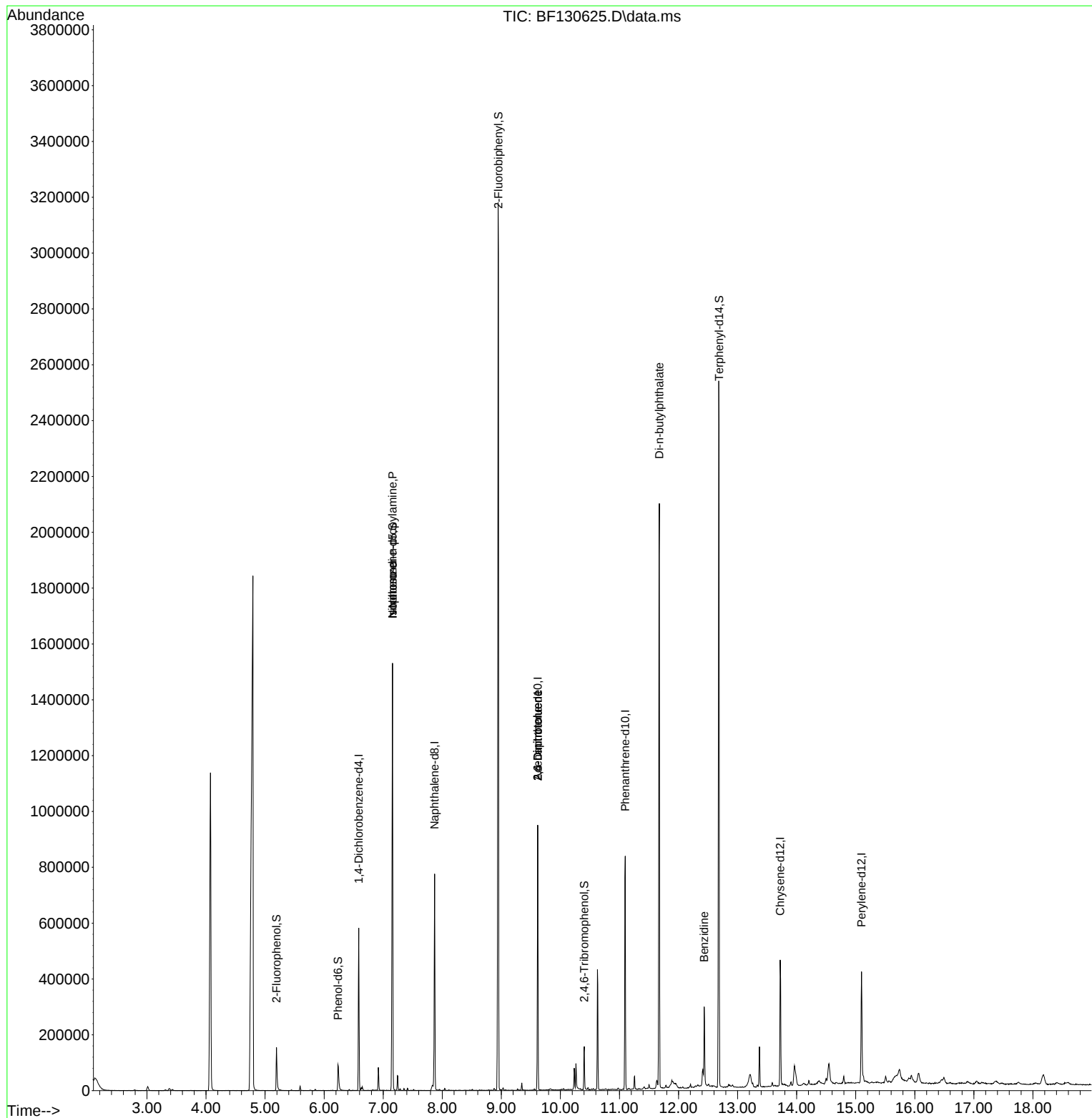
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	81209	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	322974	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	177466	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	297591	20.000	ng	0.00
76) Chrysene-d12	13.721	240	149731	20.000	ng	0.00
86) Perylene-d12	15.098	264	146923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	49801	11.054	ng	0.00
7) Phenol-d6	6.234	99	30585	5.400	ng	0.00
23) Nitrobenzene-d5	7.157	82	489937	82.812	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	19216	11.066	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1067515	91.117	ng	0.00
79) Terphenyl-d14	12.686	244	928356	102.906	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.157	70	65738	17.988	ng	Qvalue # 77
25) Isophorone	7.157	82	489931	49.756	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	22529	8.360	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	22529	6.505	ng	# 14
74) Di-n-butylphthalate	11.675	149	1064852	61.181	ng	100
77) Benzidine	12.433	184	99710	26.346	ng	99

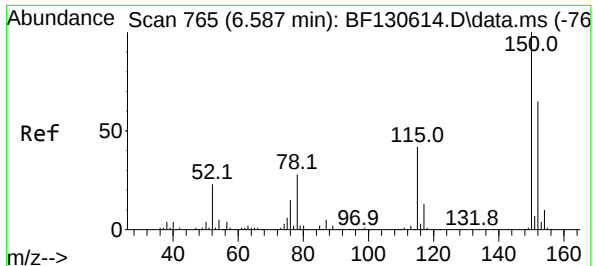
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130625.D
Acq On : 12 Oct 2022 12:36
Operator : CG\JU
Sample : N5033-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
596C-1

Quant Time: Oct 13 05:43:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

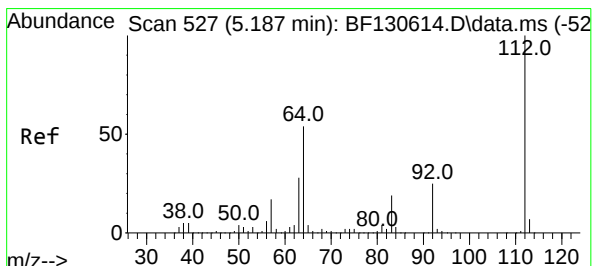
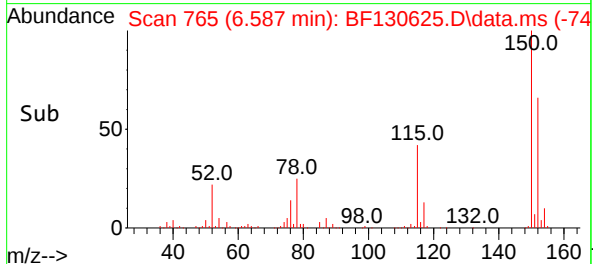
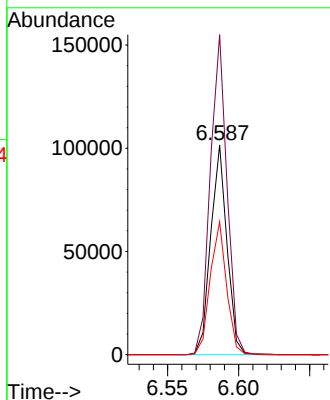
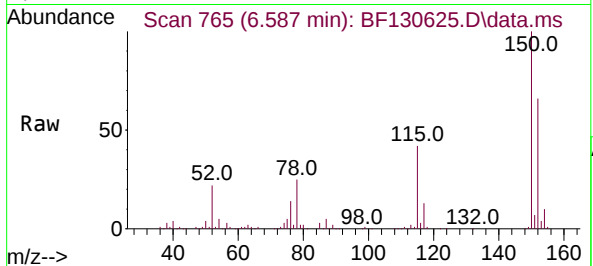




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

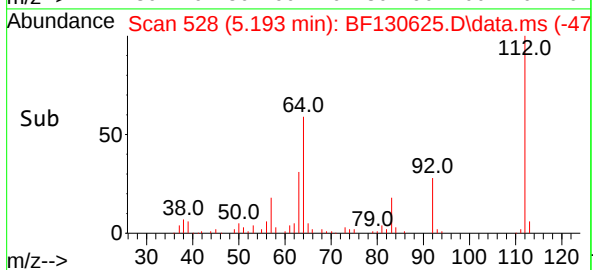
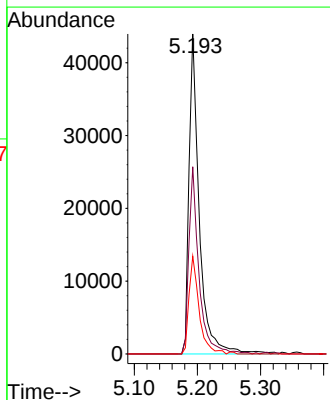
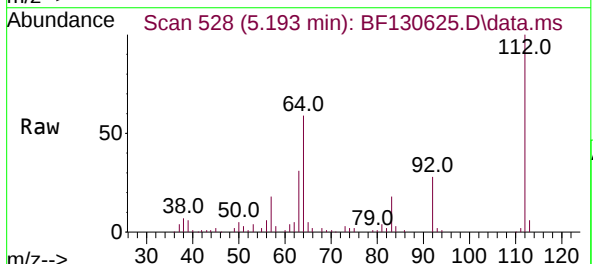
Instrument :
BNA_F
ClientSampleId :
596C-1

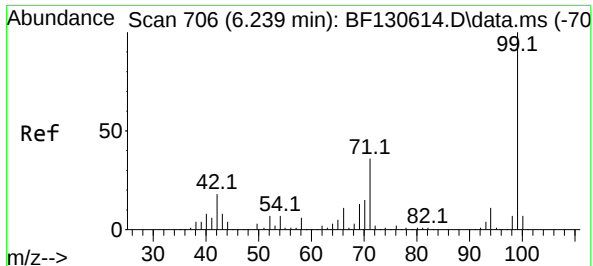
Tgt Ion:152 Resp: 81209
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 63.4 52.2 78.4



#5
2-Fluorophenol
Concen: 11.054 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion:112 Resp: 49801
Ion Ratio Lower Upper
112 100
64 58.5 43.5 65.3
63 30.6 22.6 34.0

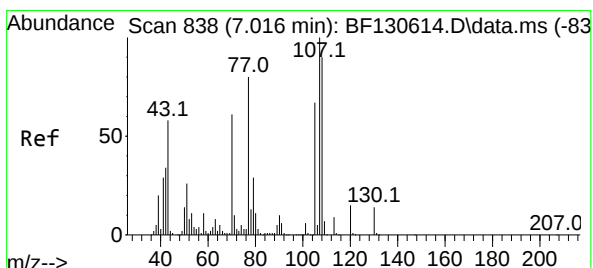
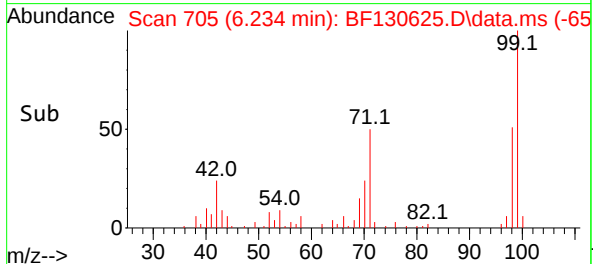
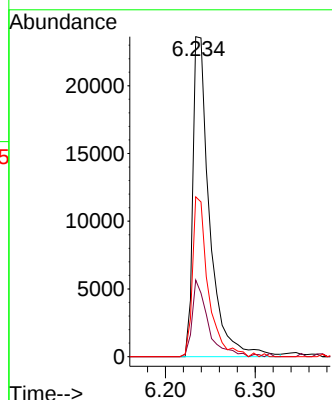
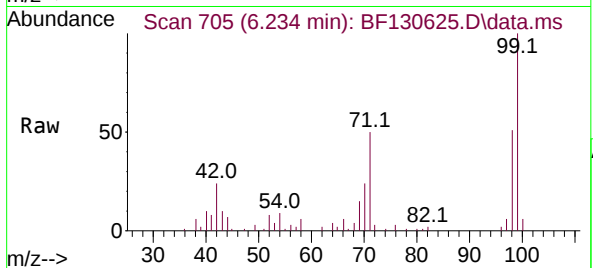




#7
Phenol-d6
Concen: 5.400 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

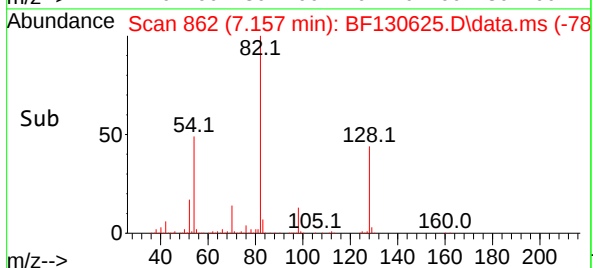
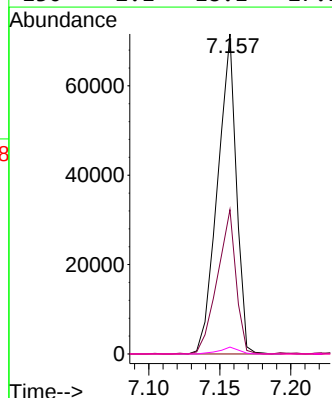
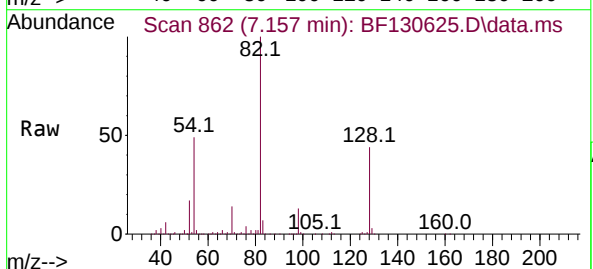
Instrument :
BNA_F
ClientSampleId :
596C-1

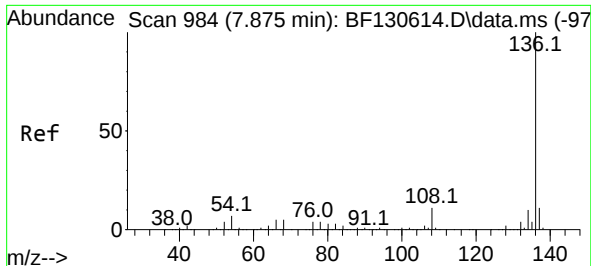
Tgt Ion: 99 Resp: 30585
Ion Ratio Lower Upper
99 100
42 23.9 14.0 21.0#
71 50.0 28.8 43.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.988 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion: 70 Resp: 65738
Ion Ratio Lower Upper
70 100
42 45.1 44.3 66.5
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

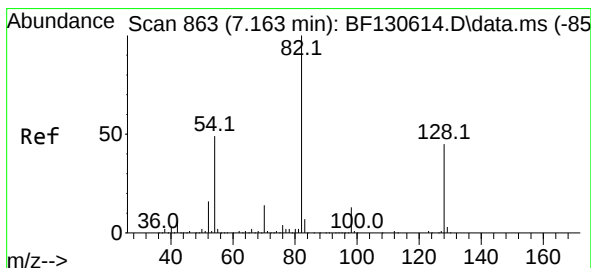
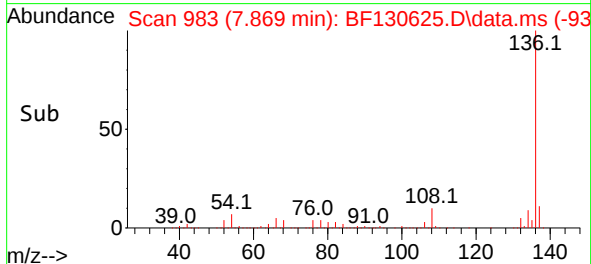
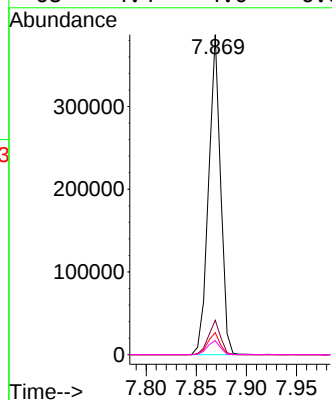
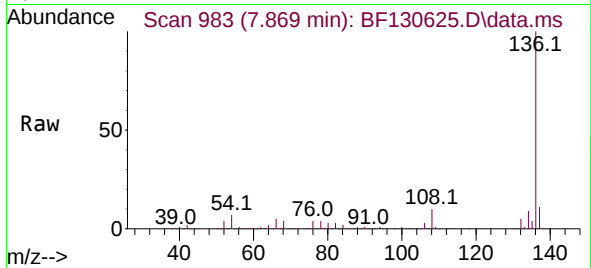




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

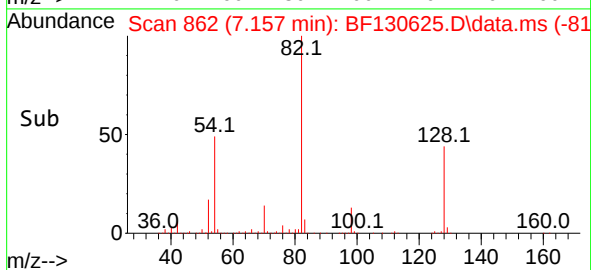
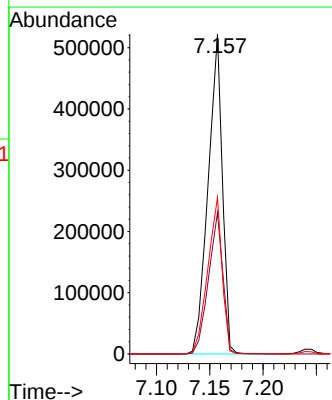
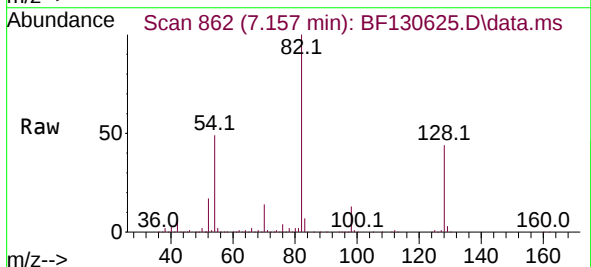
Instrument :
BNA_F
ClientSampleId :
596C-1

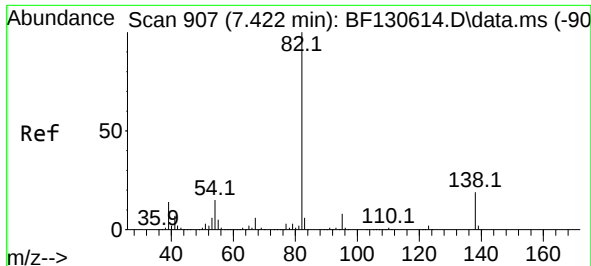
Tgt Ion:136 Resp: 322974
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.9 5.5 8.3
68 4.4 4.0 6.0



#23
Nitrobenzene-d5
Concen: 82.812 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion: 82 Resp: 489937
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 48.9 39.3 58.9

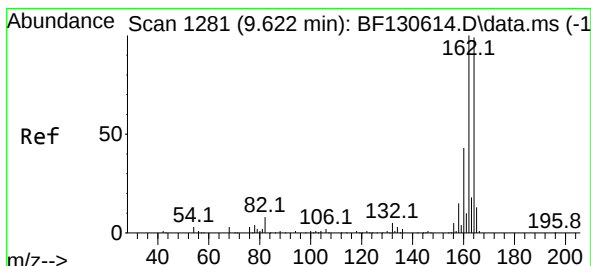
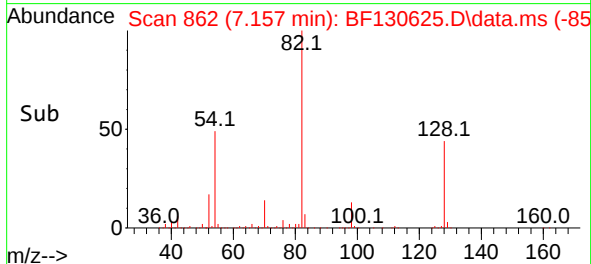
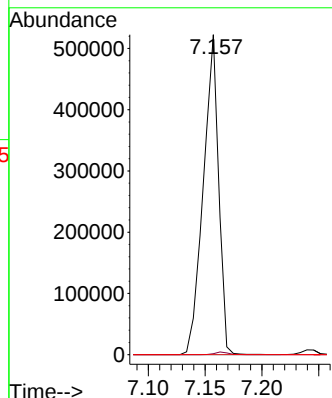
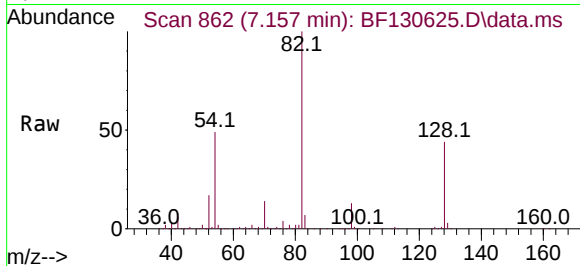




#25
Isophorone
Concen: 49.756 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

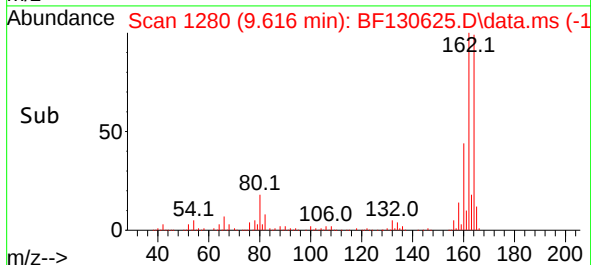
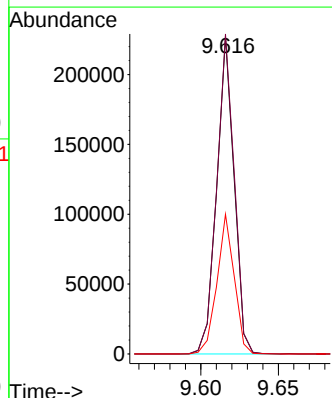
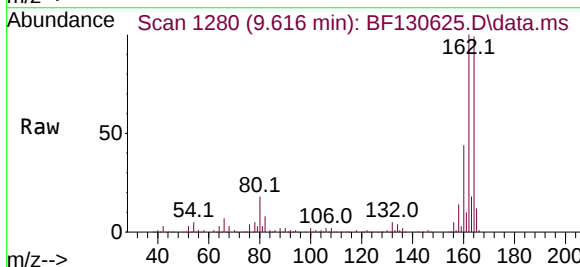
Instrument :
BNA_F
ClientSampleId :
596C-1

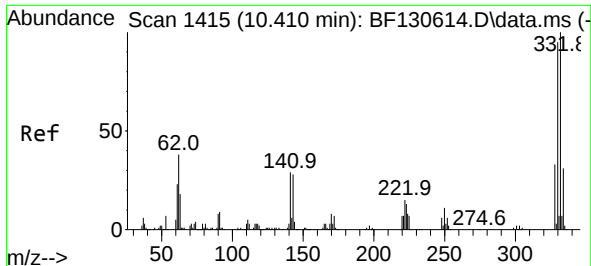
Tgt Ion: 82 Resp: 489931
Ion Ratio Lower Upper
82 100
95 0.3 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion:164 Resp: 177466
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 11.066 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

Instrument :

BNA_F

ClientSampleId :

596C-1

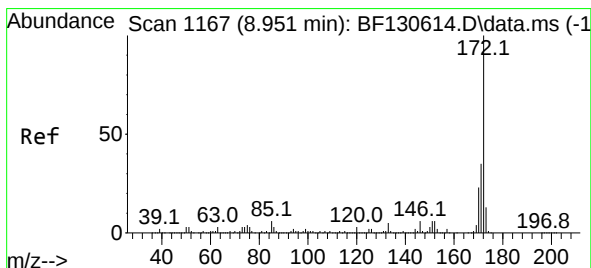
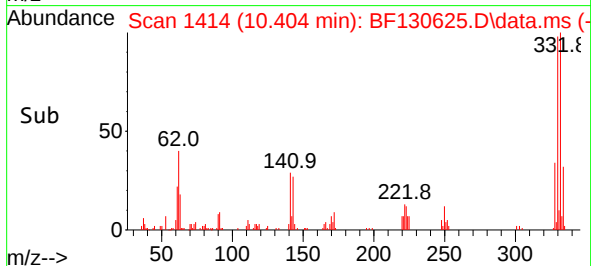
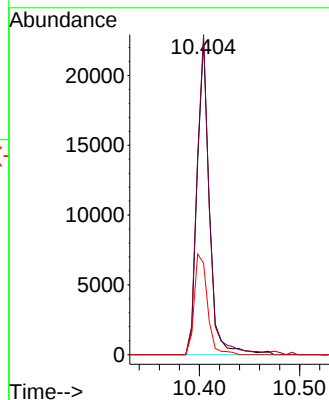
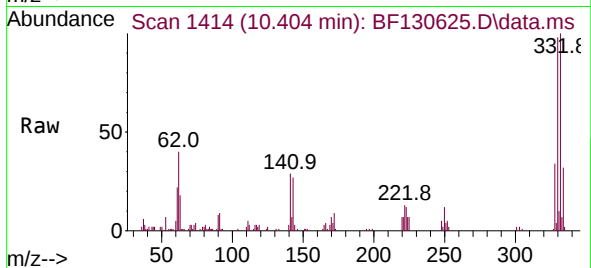
Tgt Ion:330 Resp: 19216

Ion Ratio Lower Upper

330 100

332 101.2 84.2 126.4

141 34.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 91.117 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

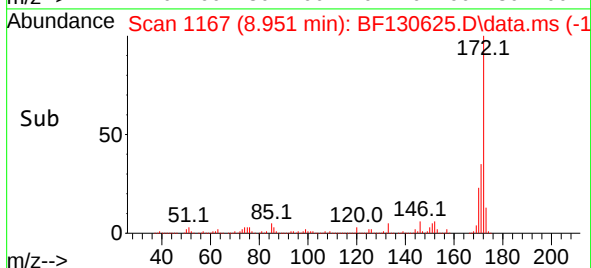
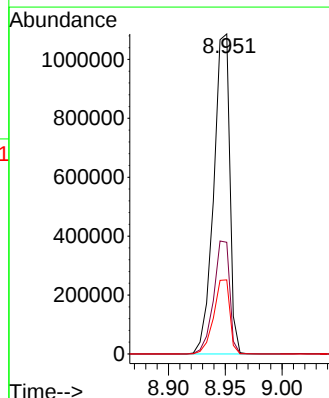
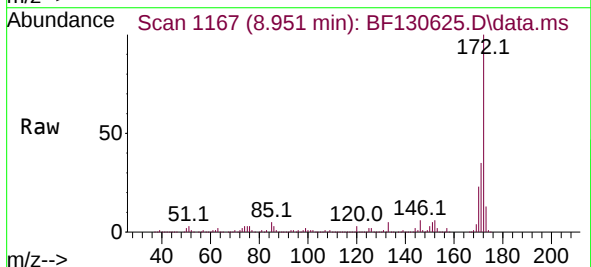
Tgt Ion:172 Resp: 1067515

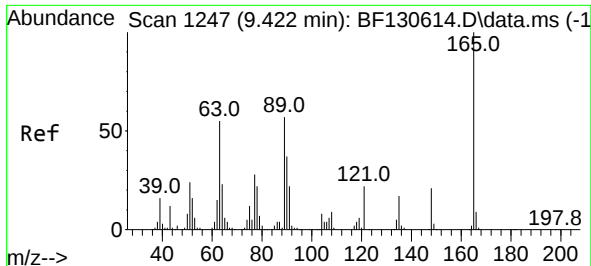
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 23.1 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.360 ng

RT: 9.616 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

Instrument :

BNA_F

ClientSampleId :

596C-1

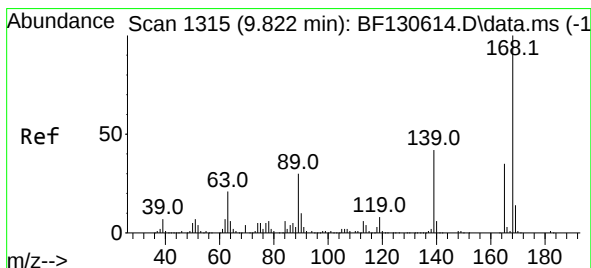
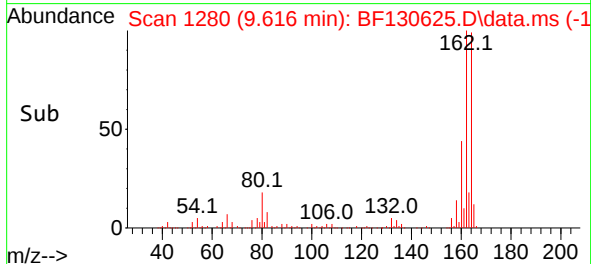
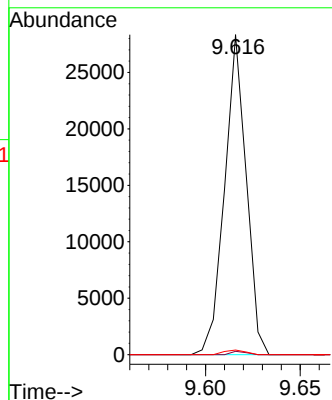
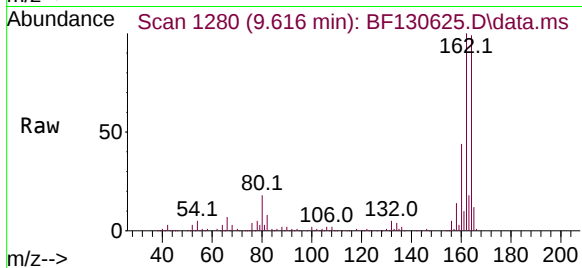
Tgt Ion:165 Resp: 22529

Ion Ratio Lower Upper

165 100

63 1.0 45.3 67.9#

89 1.4 45.6 68.4#



#57

2,4-Dinitrotoluene

Concen: 6.505 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.206 min

Lab File: BF130625.D

Acq: 12 Oct 2022 12:36

Tgt Ion:165 Resp: 22529

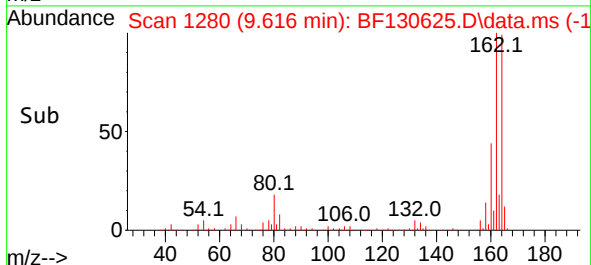
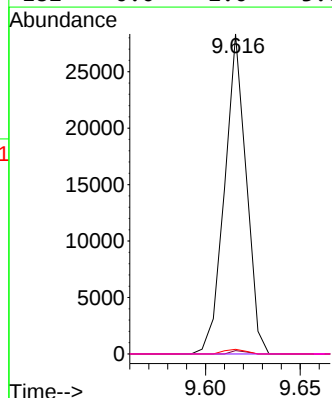
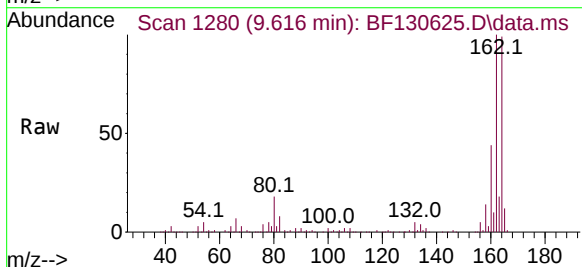
Ion Ratio Lower Upper

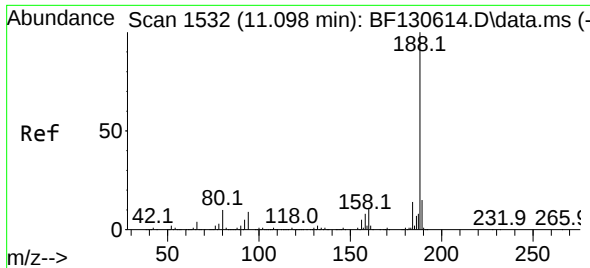
165 100

63 1.0 50.6 76.0#

89 1.4 68.6 102.8#

182 0.0 2.0 3.0#

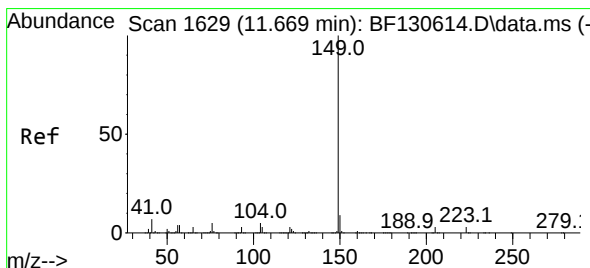
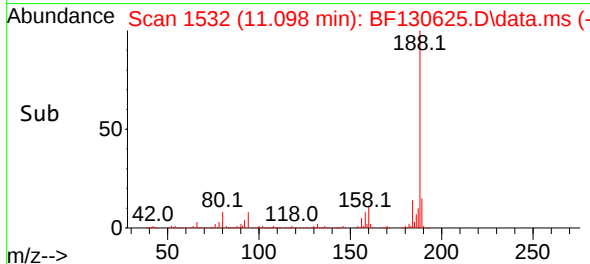
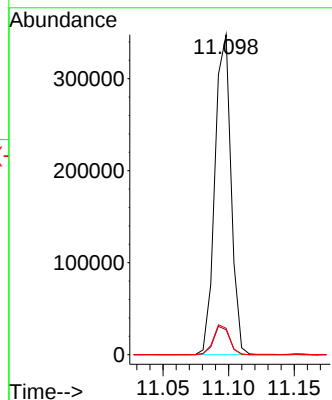
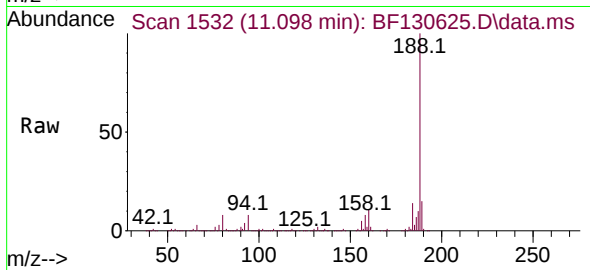




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

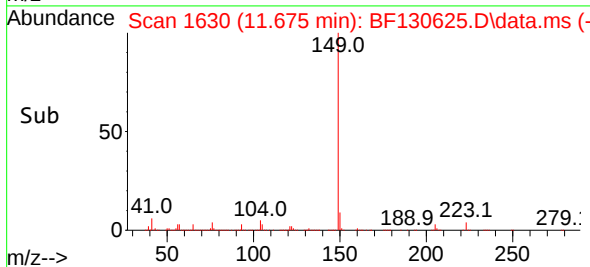
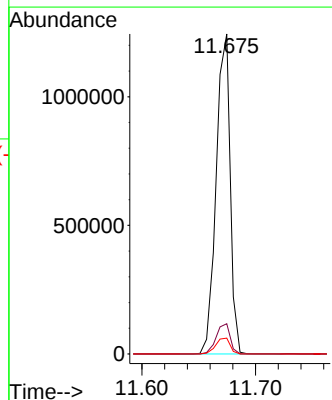
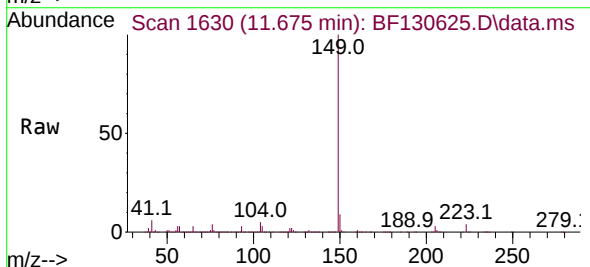
Instrument :
BNA_F
ClientSampleId :
596C-1

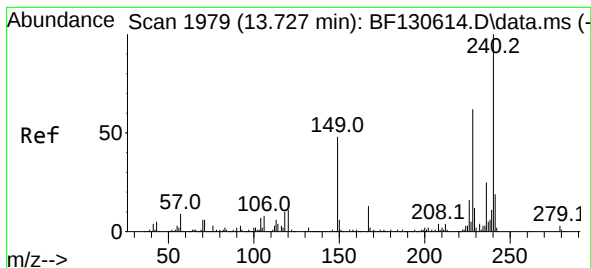
Tgt Ion:188 Resp: 297591
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.2 8.0 12.0



#74
Di-n-butylphthalate
Concen: 61.181 ng
RT: 11.675 min Scan# 1630
Delta R.T. 0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

Tgt Ion:149 Resp: 1064852
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.0 4.2 6.2

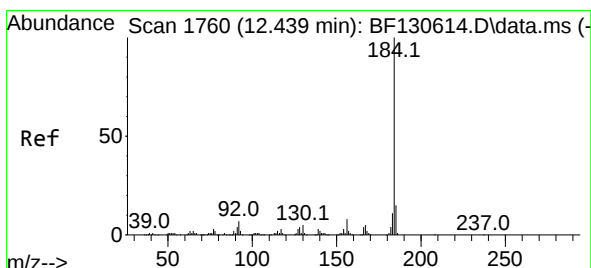
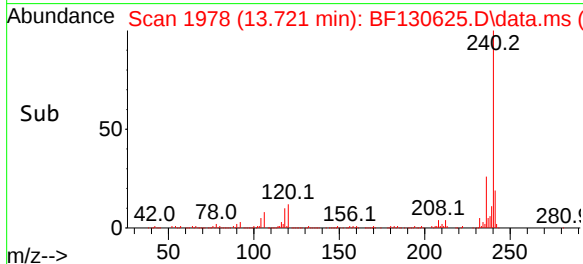
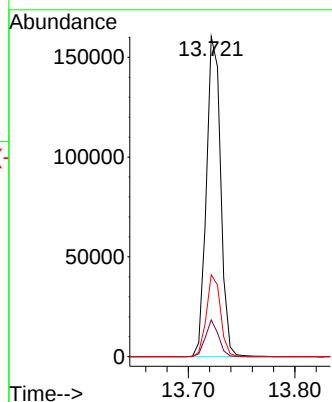
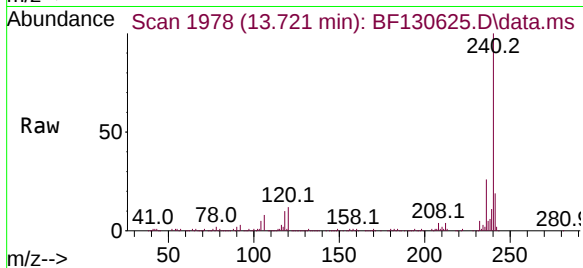




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 149731
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

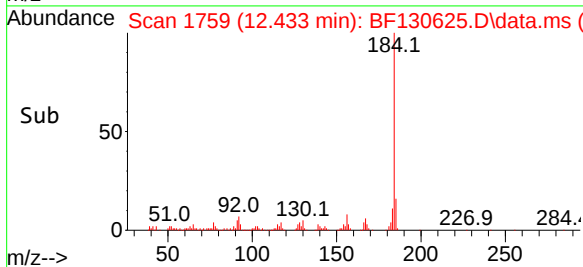
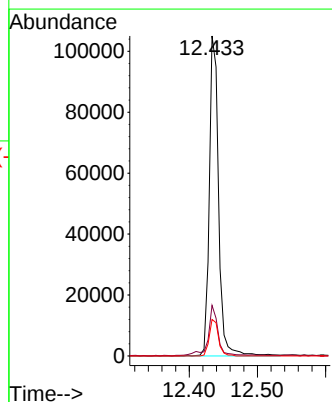
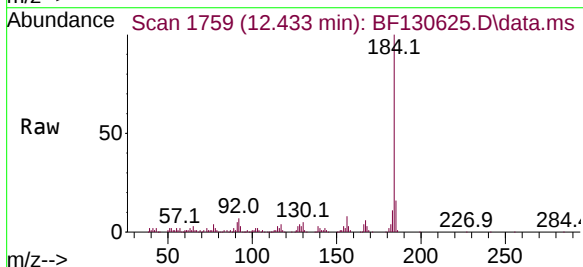
Instrument :
BNA_F
ClientSampleId :
596C-1

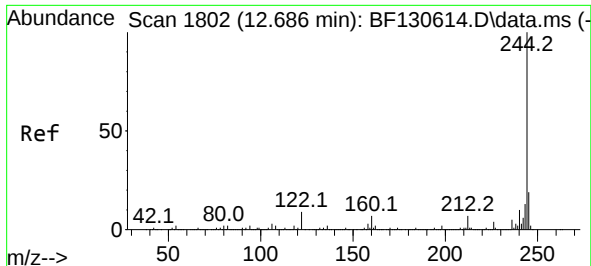
Tgt Ion:240 Resp: 149731
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.6 20.2 30.4



#77
Benzidine
Concen: 26.346 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130625.D
Acq: 12 Oct 2022 12:36

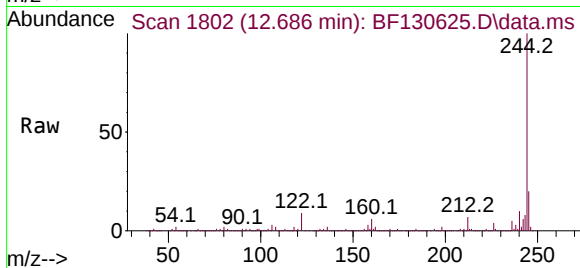
Tgt Ion:184 Resp: 99710
Ion Ratio Lower Upper
184 100
185 15.8 12.0 18.0
183 11.4 9.0 13.4



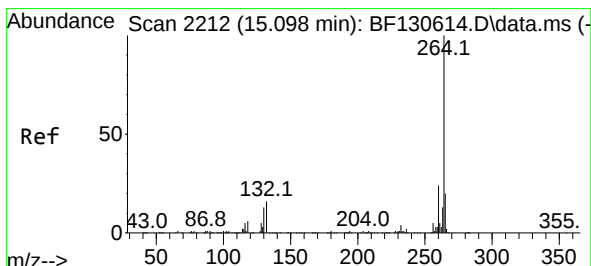
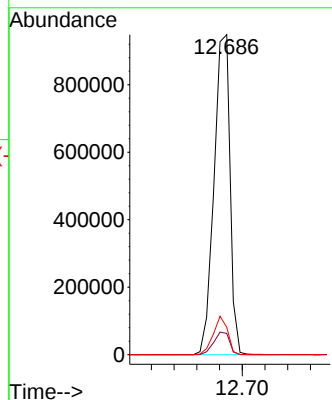
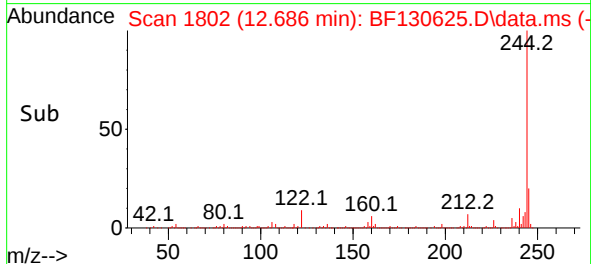


#79
 Terphenyl-d14
 Concen: 102.906 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130625.D
 Acq: 12 Oct 2022 12:36

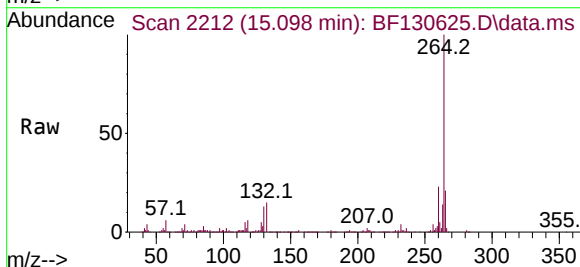
Instrument :
 BNA_F
 ClientSampleId :
 596C-1



Tgt Ion:244 Resp: 928356
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130625.D
 Acq: 12 Oct 2022 12:36



Tgt Ion:264 Resp: 146923
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.1 28.7
 265 21.2 16.4 24.6

