

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130671.D
 Acq On : 14 Oct 2022 18:10
 Operator : CG\JU
 Sample : N5140-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Oct 17 02:22:46 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)

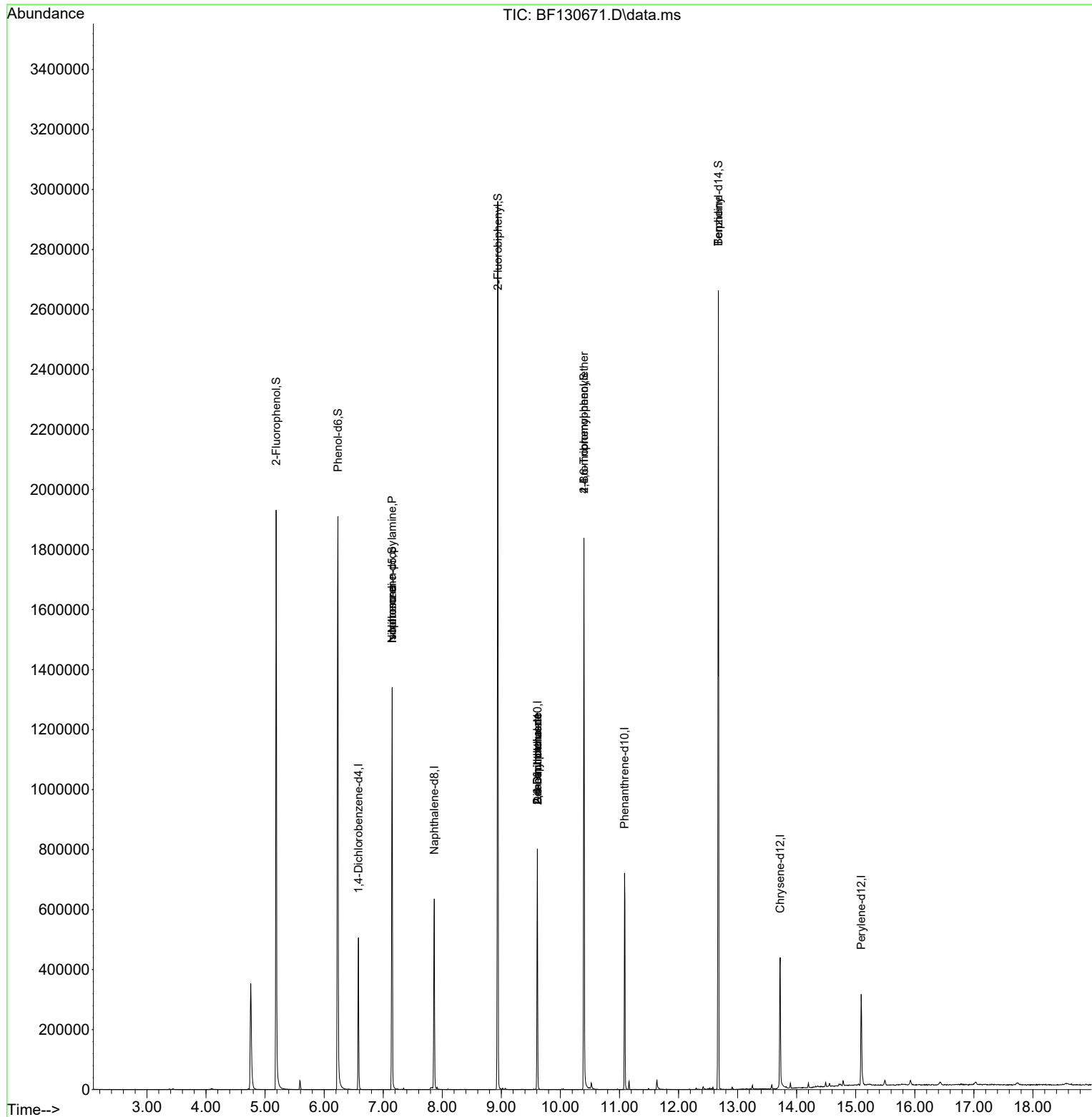
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	71651	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	284666	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	154379	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	261493	20.000	ng	-0.01
76) Chrysene-d12	13.722	240	149814	20.000	ng	0.00
86) Perylene-d12	15.092	264	128843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	557615	140.281	ng	0.00
7) Phenol-d6	6.234	99	704169	140.900	ng	0.00
23) Nitrobenzene-d5	7.151	82	434345	83.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	224626	148.701	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	871725	85.533	ng	-0.01
79) Terphenyl-d14	12.675	244	870612	96.452	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	58030	17.997	ng	# 77
25) Isophorone	7.151	82	434342	50.046	ng	# 64
50) Dimethylphthalate	9.610	163	28601	2.676	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	20052	8.554	ng	# 25
57) 2,4-Dinitrotoluene	9.610	165	20052	6.656	ng	# 15
67) 4-Bromophenyl-phenylether	10.398	248	13063	4.415	ng	# 1
77) Benzidine	12.675	184	12303	3.249	ng	# 94

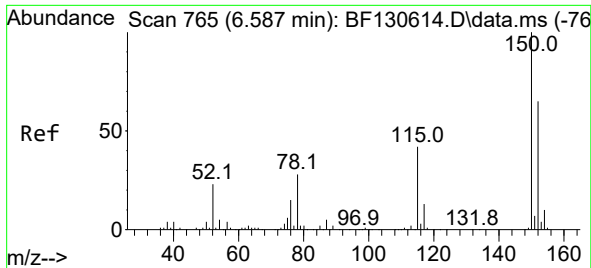
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

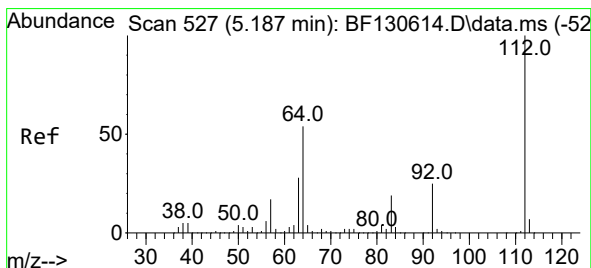
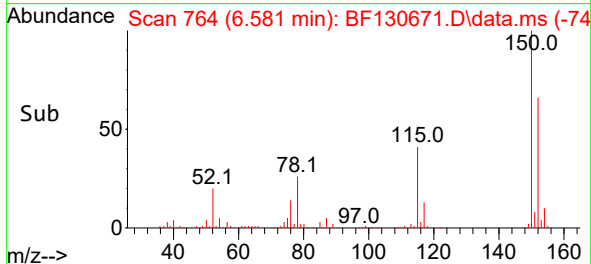
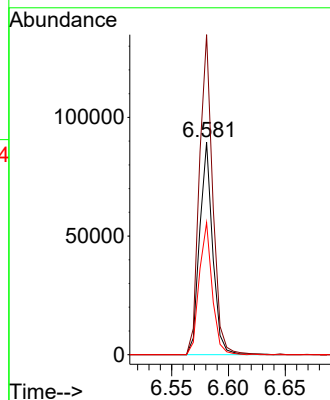
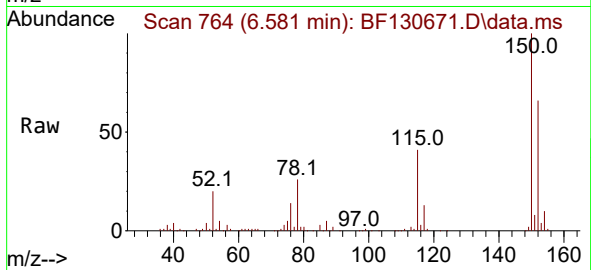




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

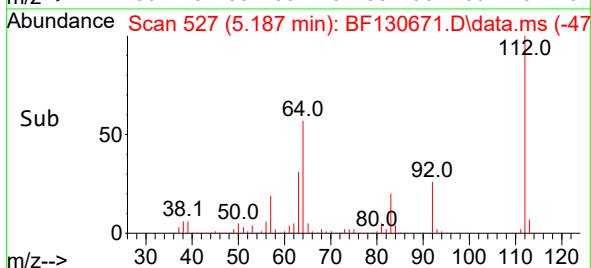
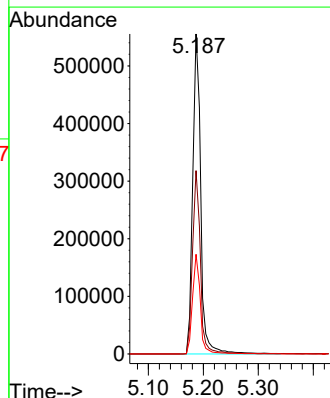
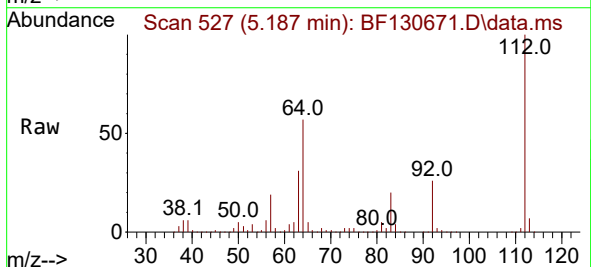
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

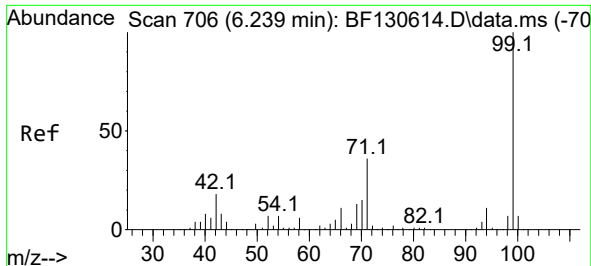
Tgt Ion:152 Resp: 71651
Ion Ratio Lower Upper
152 100
150 150.6 123.8 185.6
115 62.1 52.2 78.4



#5
2-Fluorophenol
Concen: 140.281 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:112 Resp: 557615
Ion Ratio Lower Upper
112 100
64 57.3 43.5 65.3
63 31.1 22.6 34.0

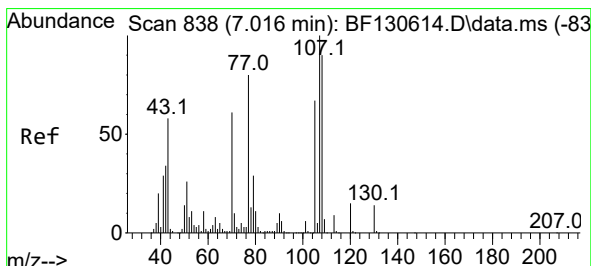
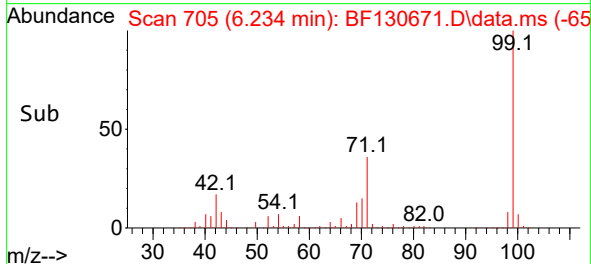
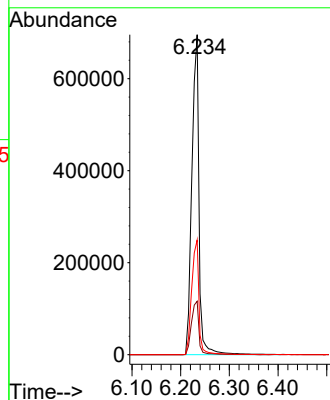
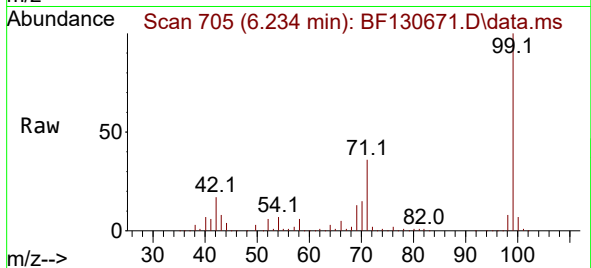




#7
Phenol-d6
Concen: 140.900 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

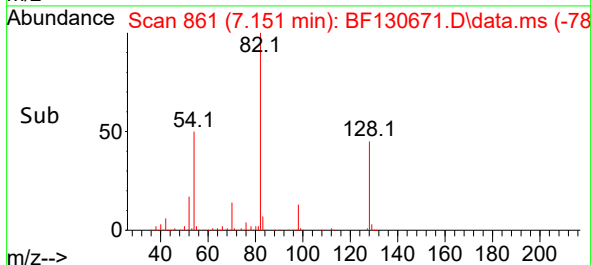
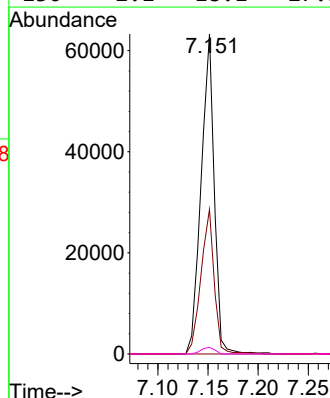
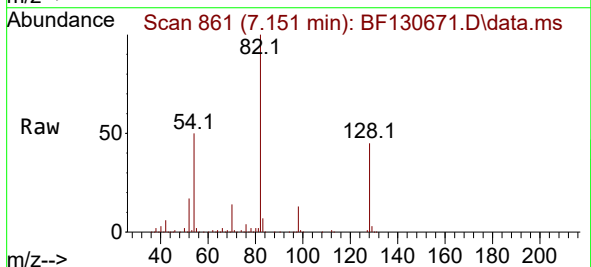
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

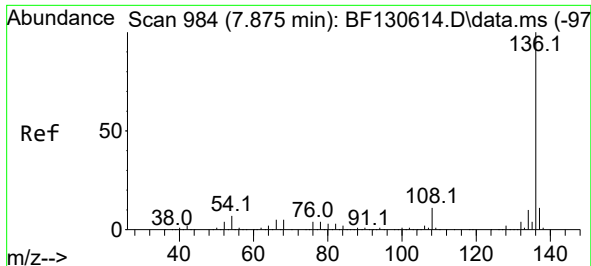
Tgt Ion: 99 Resp: 704169
Ion Ratio Lower Upper
99 100
42 16.7 14.0 21.0
71 35.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.997 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 70 Resp: 58030
Ion Ratio Lower Upper
70 100
42 45.2 44.3 66.5
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

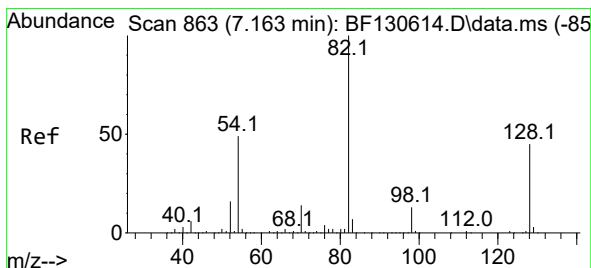
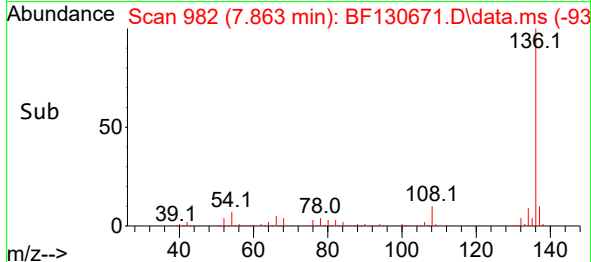
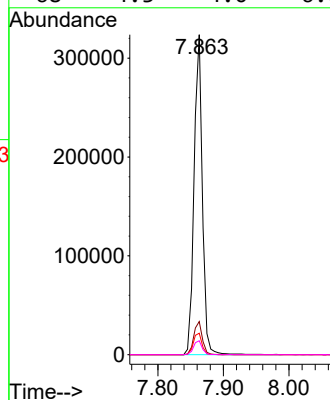
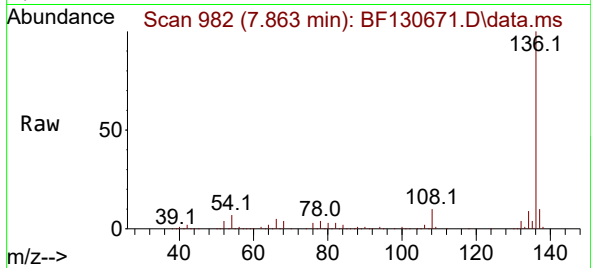




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

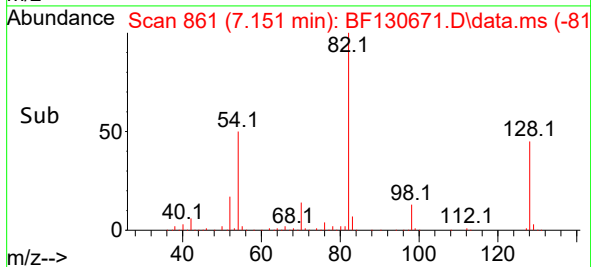
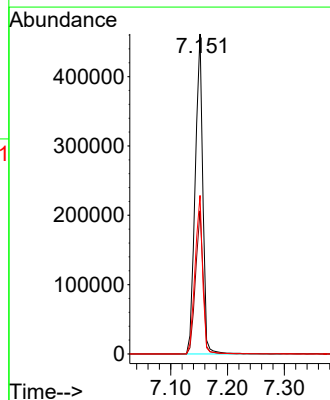
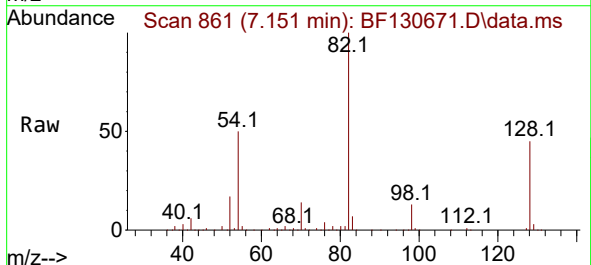
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

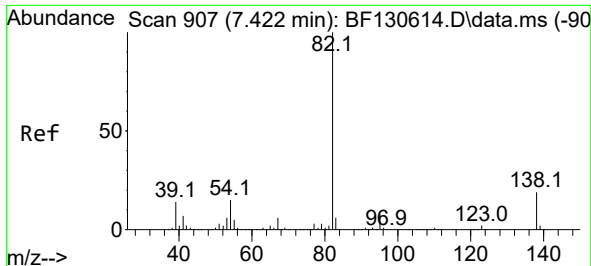
Tgt Ion:136 Resp: 284666
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 6.7 5.5 8.3
68 4.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 83.295 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion: 82 Resp: 434345
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 49.5 39.3 58.9

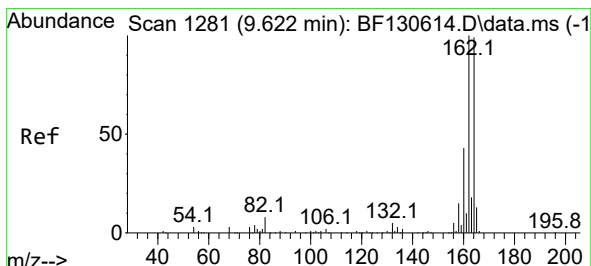
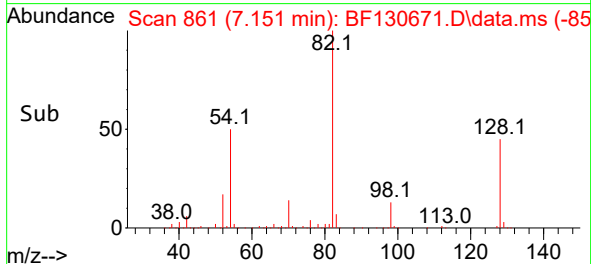
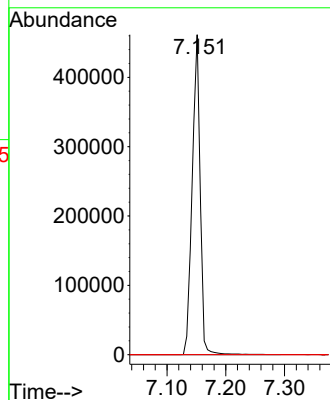
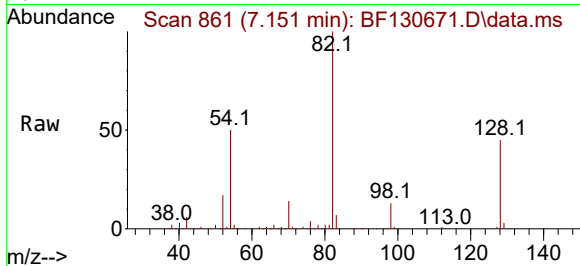




#25
Isophorone
Concen: 50.046 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

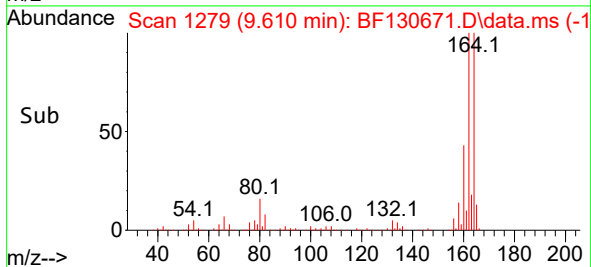
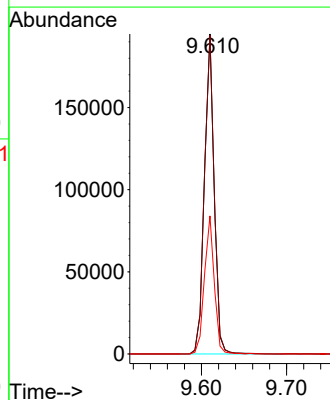
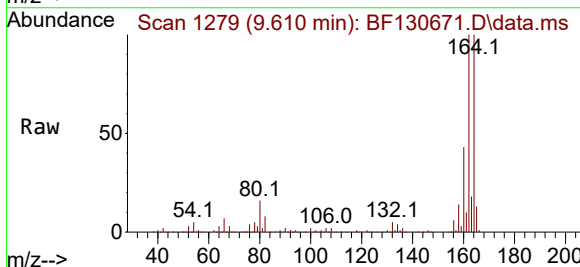
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

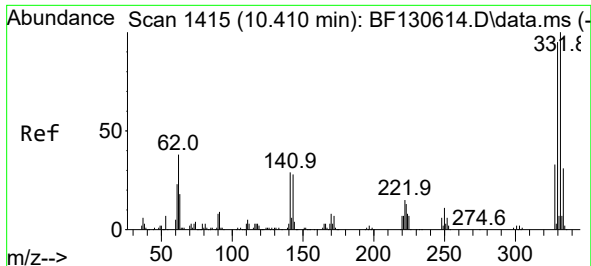
Tgt Ion: 82 Resp: 434342
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:164 Resp: 154379
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 148.701 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130671.D

Acq: 14 Oct 2022 18:10

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

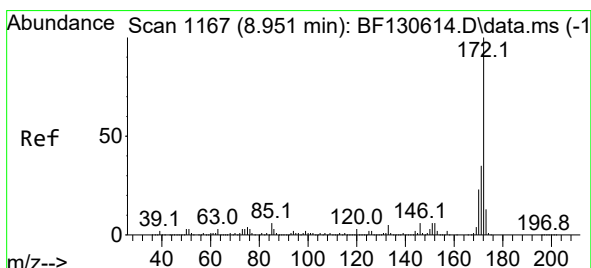
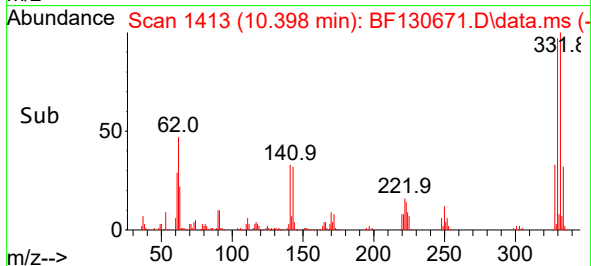
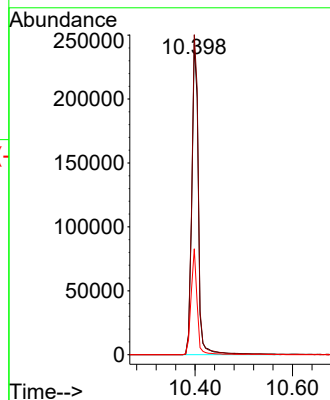
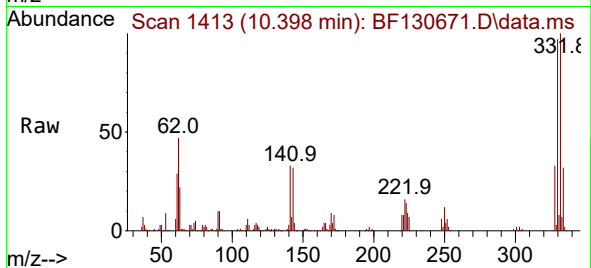
Tgt Ion:330 Resp: 224626

Ion Ratio Lower Upper

330 100

332 102.9 84.2 126.4

141 31.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 85.533 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130671.D

Acq: 14 Oct 2022 18:10

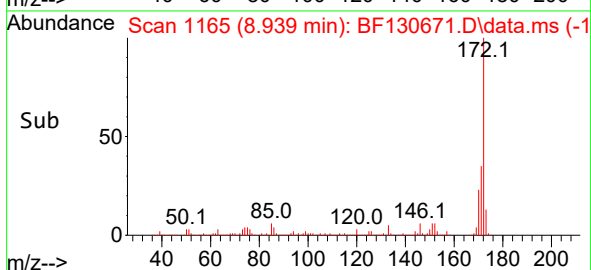
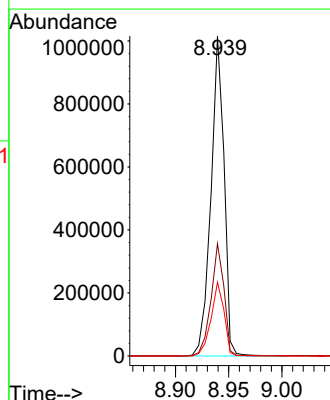
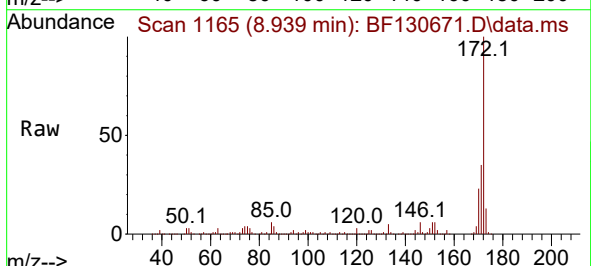
Tgt Ion:172 Resp: 871725

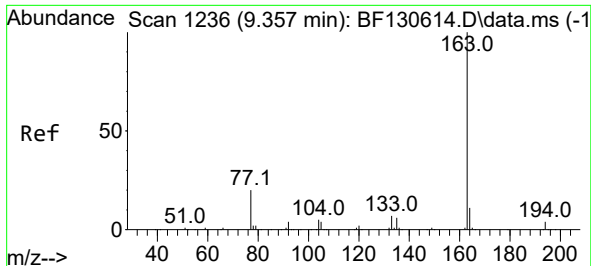
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.1 18.6 27.8

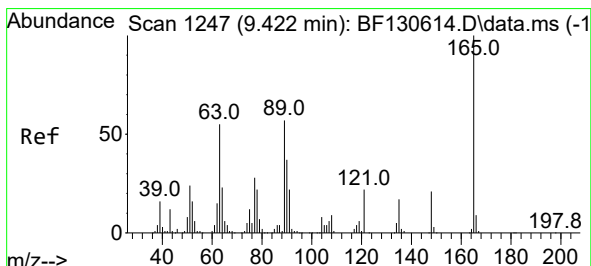
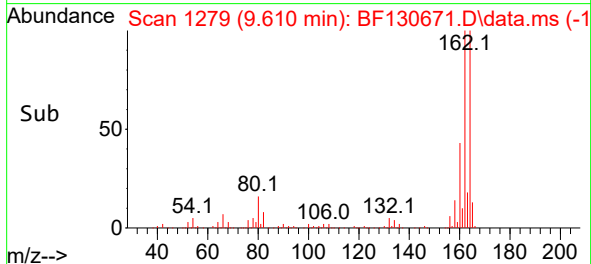
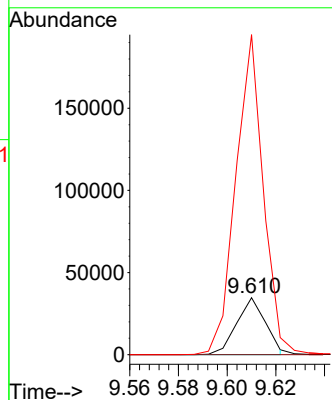
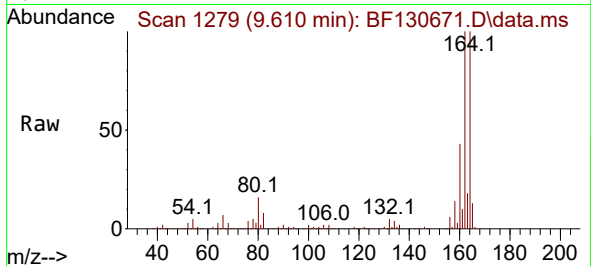




#50
Dimethylphthalate
Concen: 2.676 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

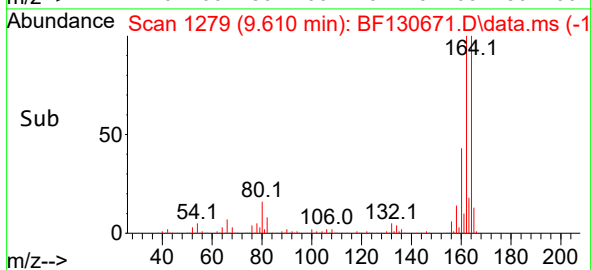
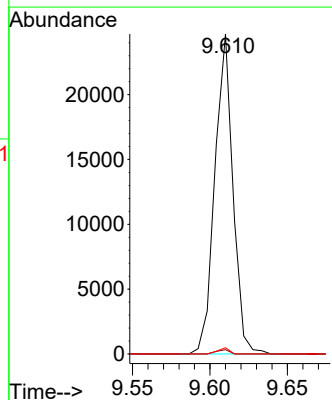
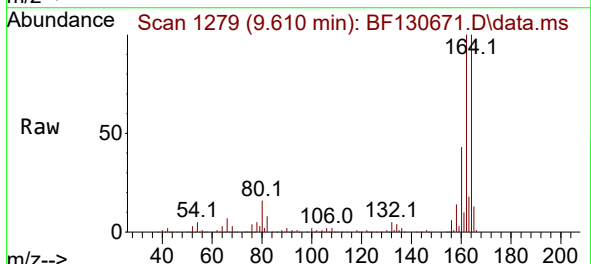
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

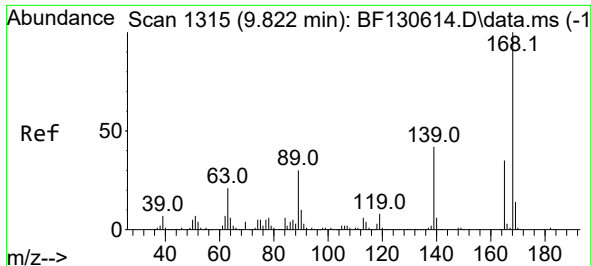
Tgt Ion:163 Resp: 28601
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 561.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.554 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

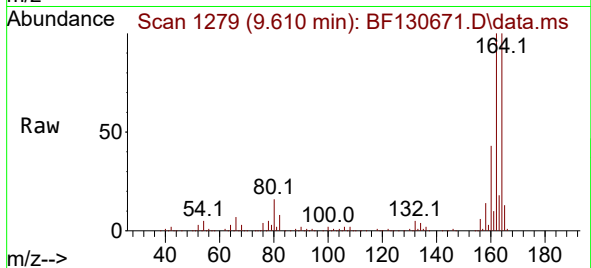
Tgt Ion:165 Resp: 20052
Ion Ratio Lower Upper
165 100
63 1.4 45.3 67.9#
89 2.0 45.6 68.4#



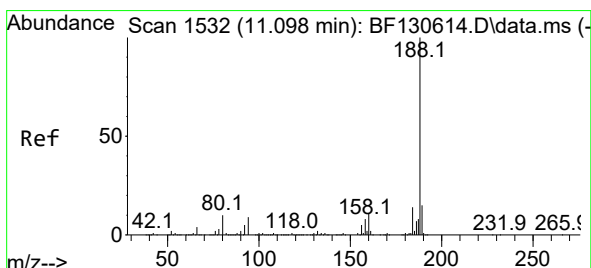
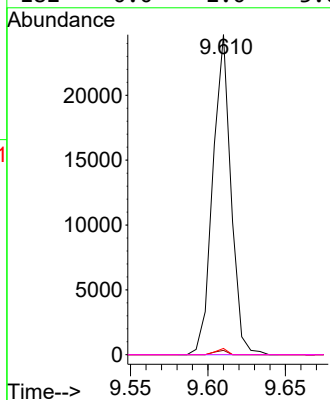
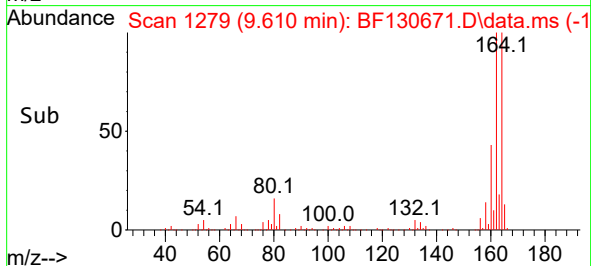


#57
2,4-Dinitrotoluene
Concen: 6.656 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

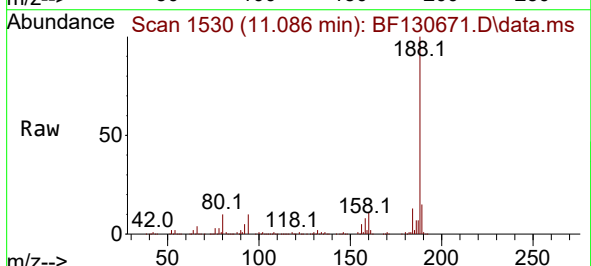
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



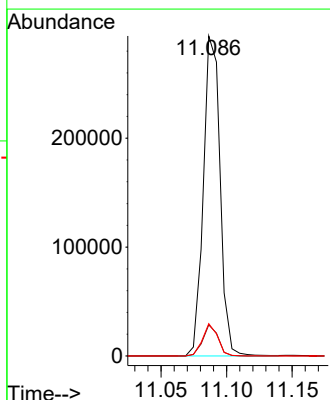
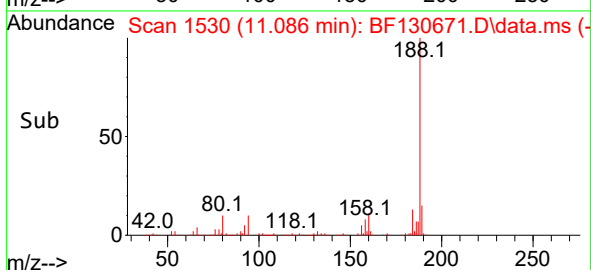
Tgt Ion:165 Resp: 20052
Ion Ratio Lower Upper
165 100
63 1.4 50.6 76.0#
89 2.0 68.6 102.8#
182 0.0 2.0 3.0#

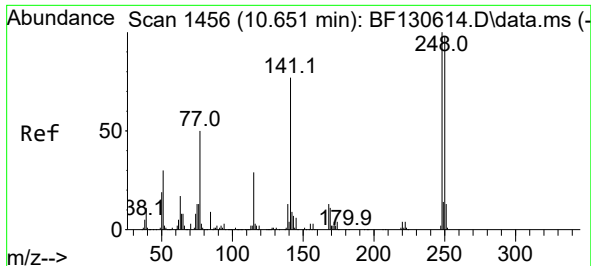


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10



Tgt Ion:188 Resp: 261493
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.1 8.0 12.0

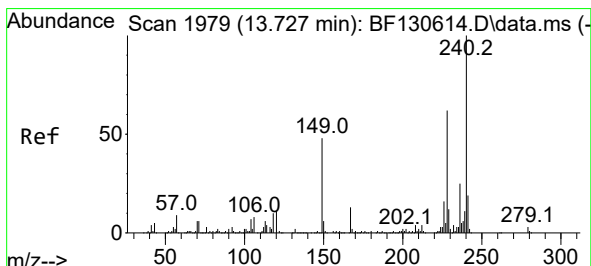
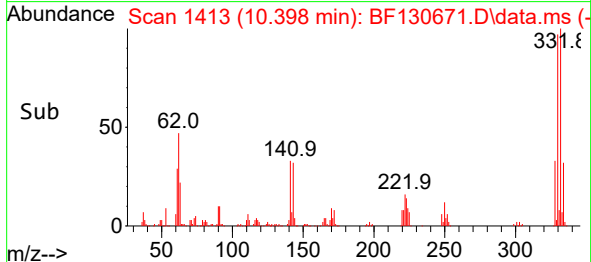
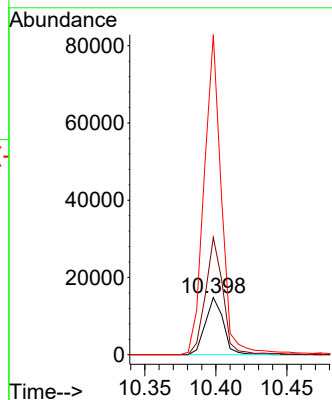
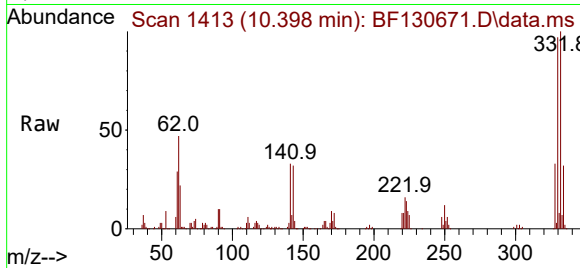




#67
4-Bromophenyl-phenylether
Concen: 4.415 ng
RT: 10.398 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

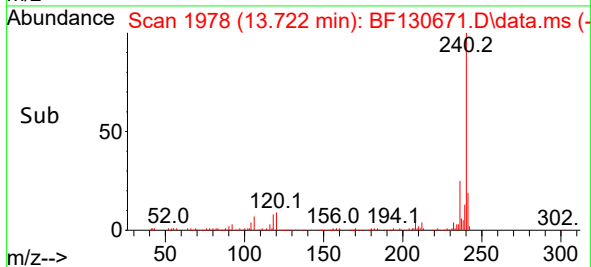
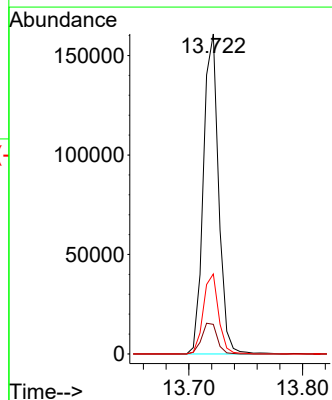
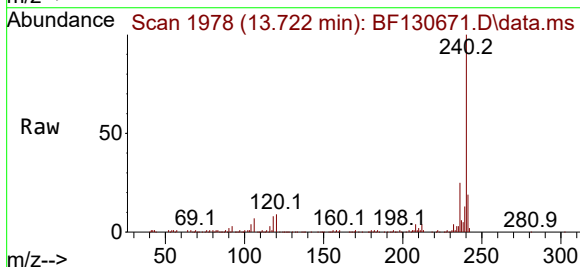
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

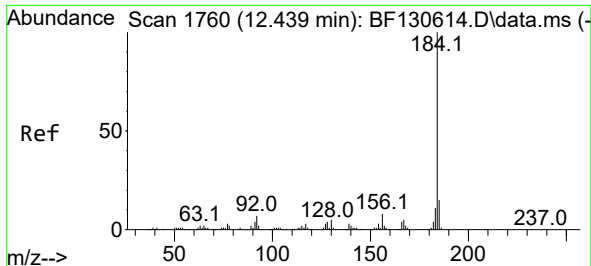
Tgt Ion:248 Resp: 13063
Ion Ratio Lower Upper
248 100
250 205.6 78.7 118.1#
141 560.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.722 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:240 Resp: 149814
Ion Ratio Lower Upper
240 100
120 9.3 8.6 13.0
236 25.0 20.2 30.4

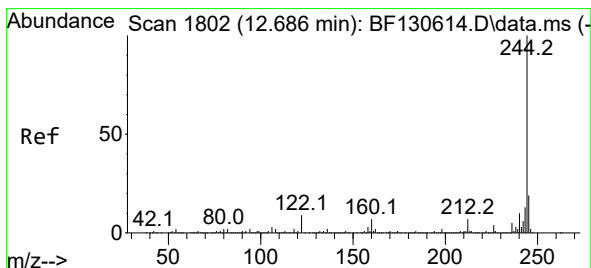
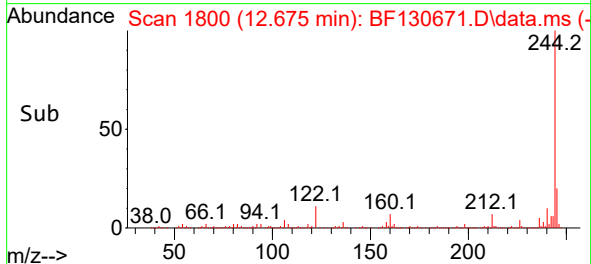
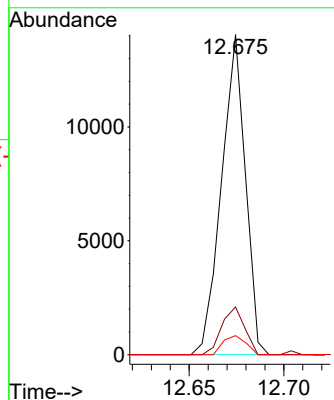
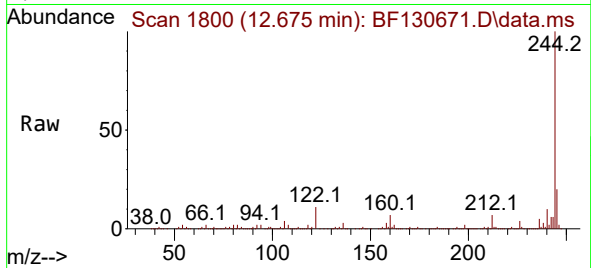




#77
Benzidine
Concen: 3.249 ng
RT: 12.675 min Scan# 1800
Delta R.T. 0.235 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

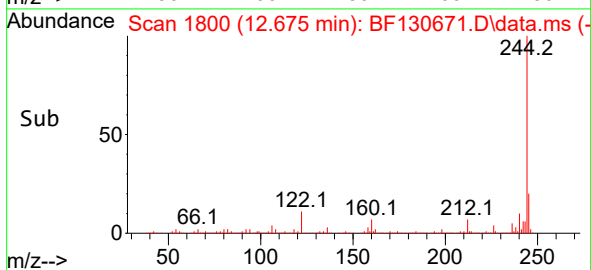
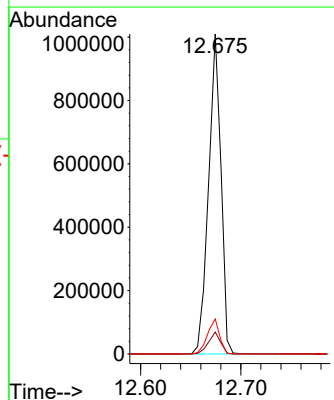
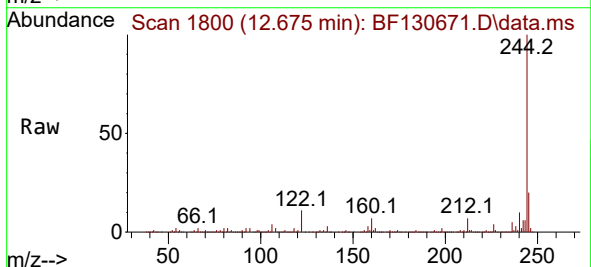
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

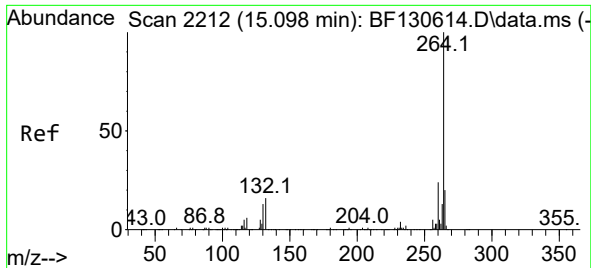
Tgt Ion:184 Resp: 12303
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 6.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 96.452 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Tgt Ion:244 Resp: 870612
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.9 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130671.D
Acq: 14 Oct 2022 18:10

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:264 Resp: 128843
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 22.3 16.4 24.6

