

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130674.D
 Acq On : 14 Oct 2022 19:49
 Operator : CG\JU
 Sample : N5140-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Oct 17 02:23:29 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)

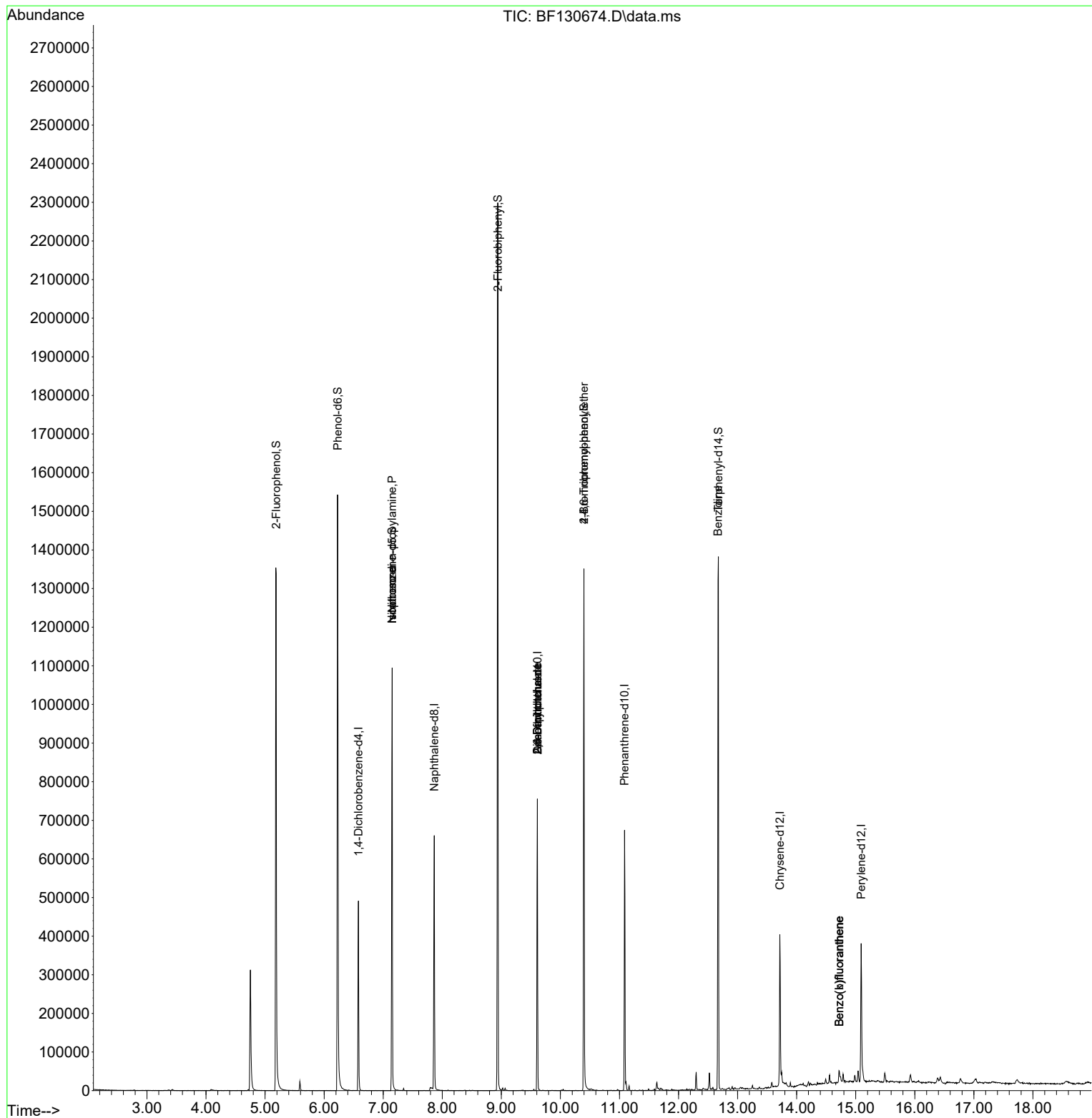
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	70139	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	272891	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	143980	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	229524	20.000	ng	-0.01
76) Chrysene-d12	13.716	240	121882	20.000	ng	-0.01
86) Perylene-d12	15.092	264	141899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	431709	110.948	ng	0.00
7) Phenol-d6	6.228	99	532327	108.811	ng	-0.01
23) Nitrobenzene-d5	7.151	82	329881	65.991	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	152834	108.482	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	633229	66.619	ng	-0.01
79) Terphenyl-d14	12.675	244	478630	65.178	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	43193	13.684	ng	# 77
25) Isophorone	7.151	82	329878	39.650	ng	# 64
50) Dimethylphthalate	9.610	163	26614	2.670	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	18359	8.397	ng	# 24
57) 2,4-Dinitrotoluene	9.610	165	18359	6.534	ng	# 14
67) 4-Bromophenyl-phenylether	10.398	248	9413	3.625	ng	# 1
77) Benzidine	12.669	184	6399	2.077	ng	# 93
88) Benzo(b)fluoranthene	14.721	252	21652	2.410	ng	# 94
89) Benzo(k)fluoranthene	14.721	252	21652	2.367	ng	# 93

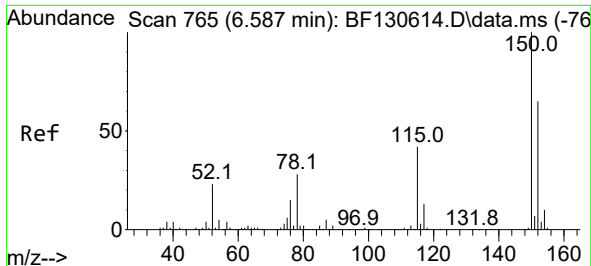
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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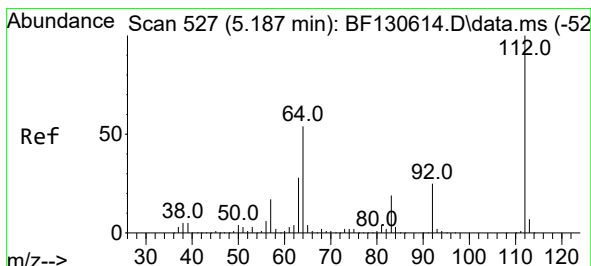
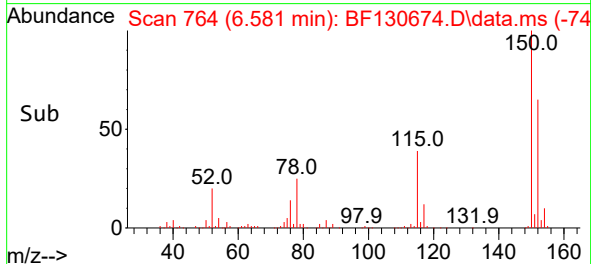
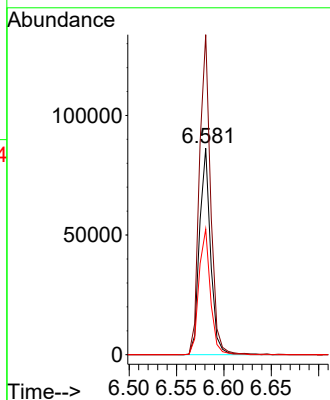
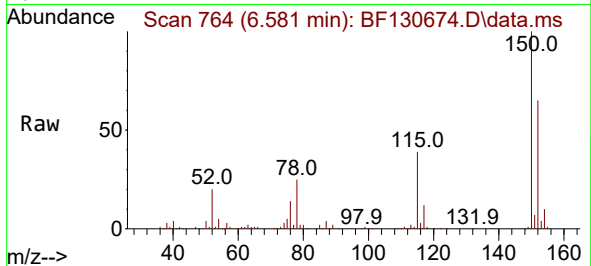




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

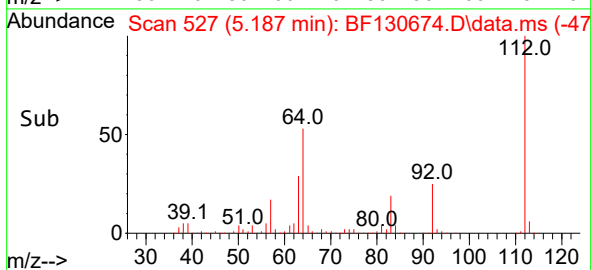
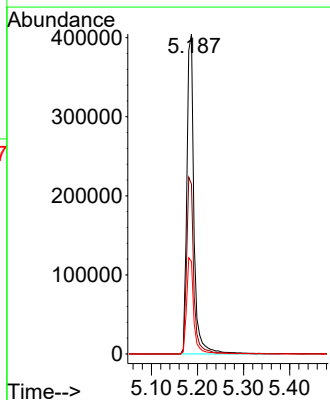
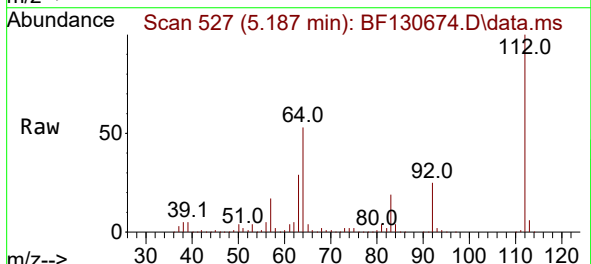
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

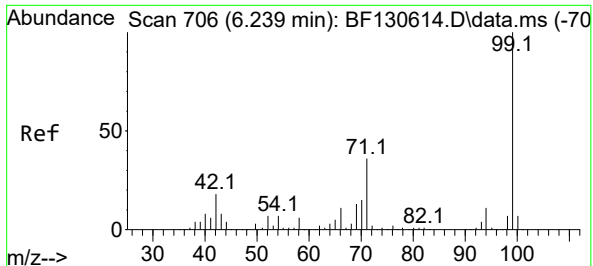
Tgt Ion:152 Resp: 70139
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 60.8 52.2 78.4



#5
2-Fluorophenol
Concen: 110.948 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:112 Resp: 431709
Ion Ratio Lower Upper
112 100
64 53.0 43.5 65.3
63 28.9 22.6 34.0

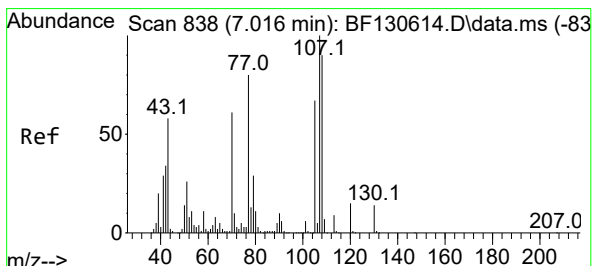
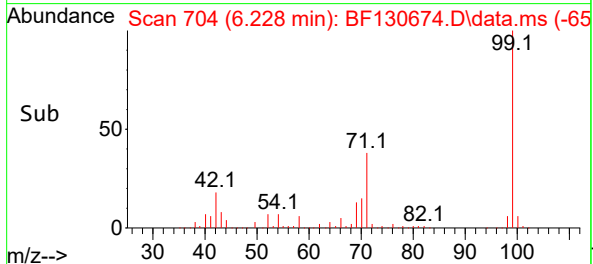
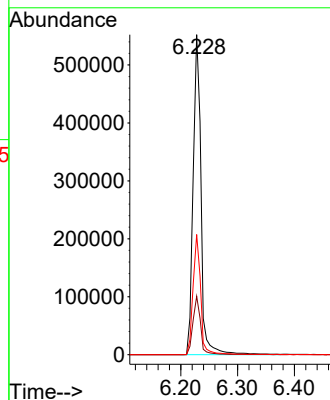
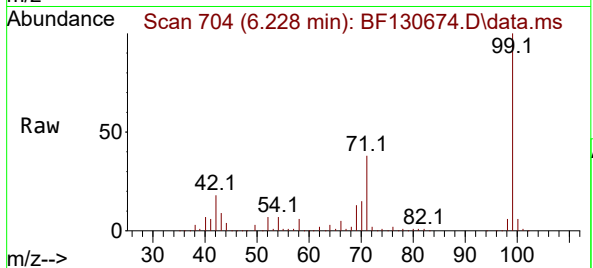




#7
Phenol-d6
Concen: 108.811 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

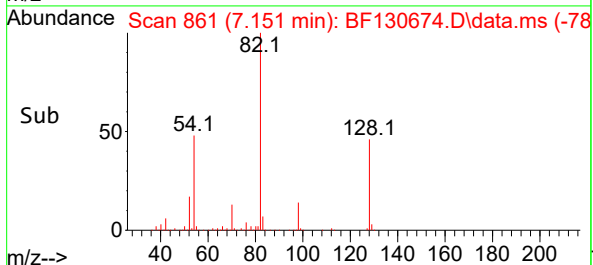
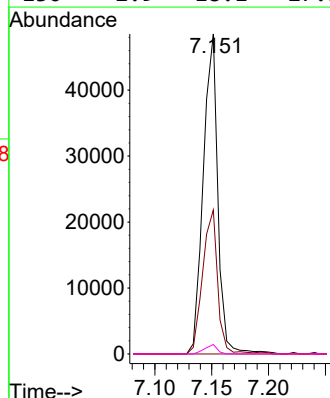
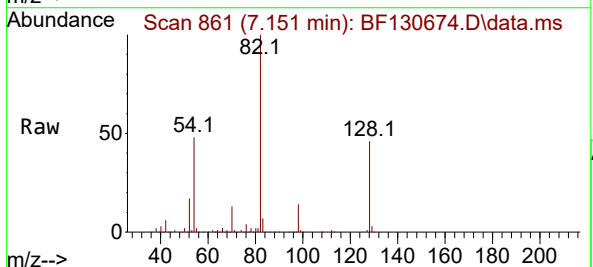
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

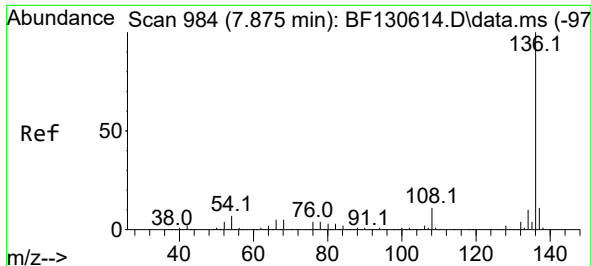
Tgt Ion: 99 Resp: 532327
Ion Ratio Lower Upper
99 100
42 18.3 14.0 21.0
71 37.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.684 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion: 70 Resp: 43193
Ion Ratio Lower Upper
70 100
42 45.0 44.3 66.5
101 0.0 7.9 11.9#
130 2.9 18.1 27.1#

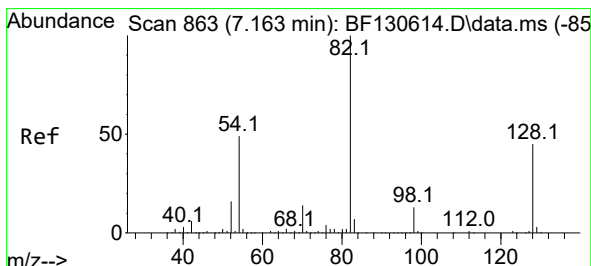
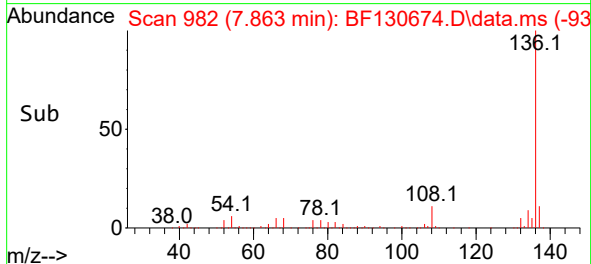
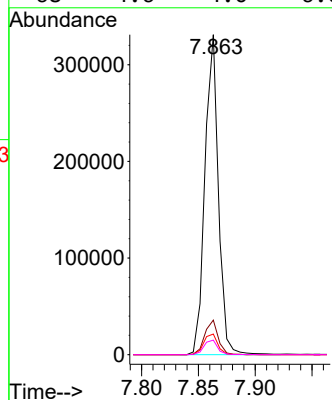
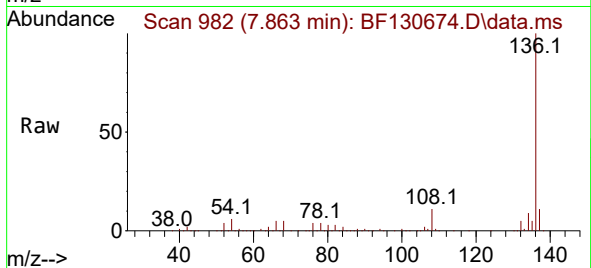




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

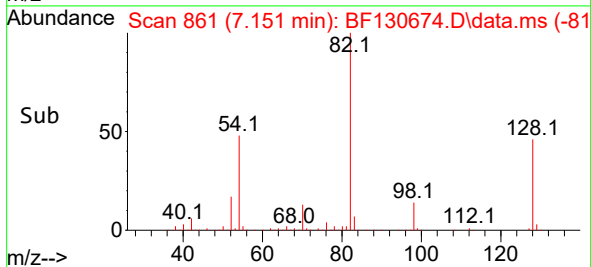
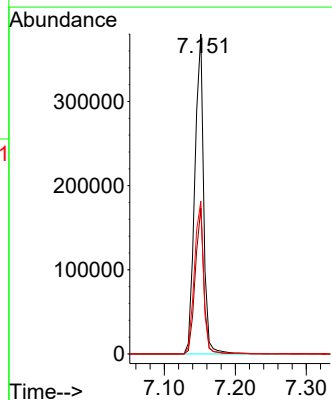
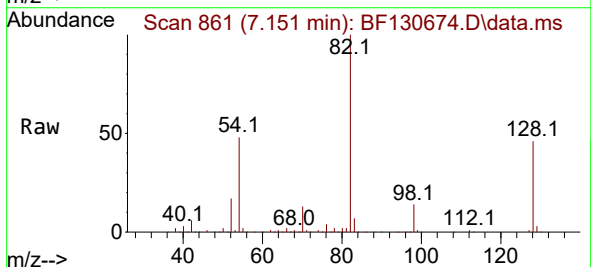
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

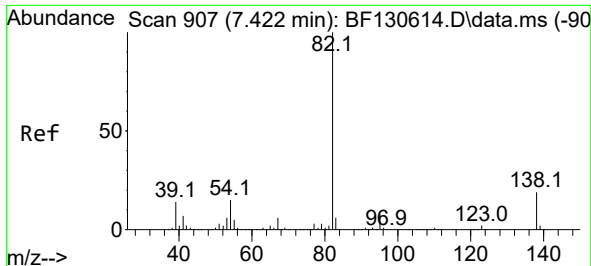
Tgt Ion:136 Resp: 272891
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.5 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 65.991 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion: 82 Resp: 329881
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 47.7 39.3 58.9

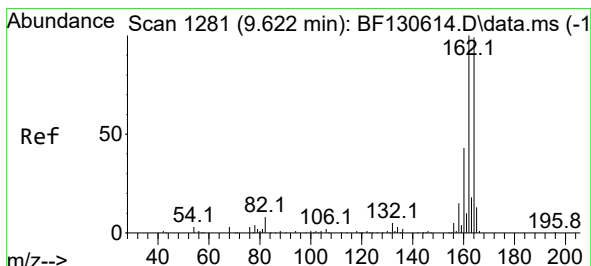
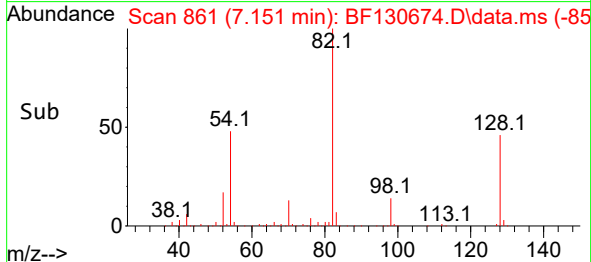
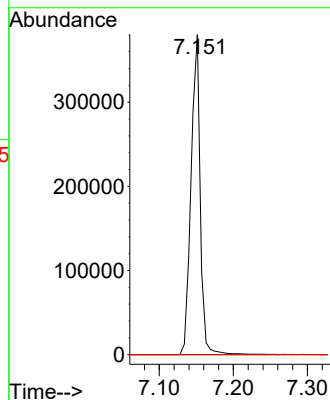
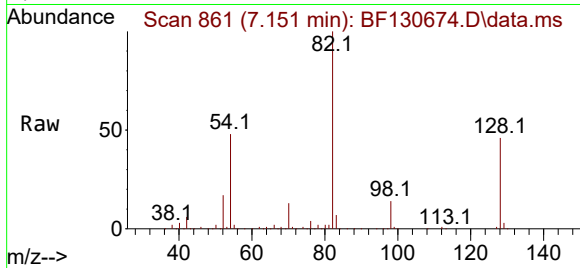




#25
Isophorone
Concen: 39.650 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

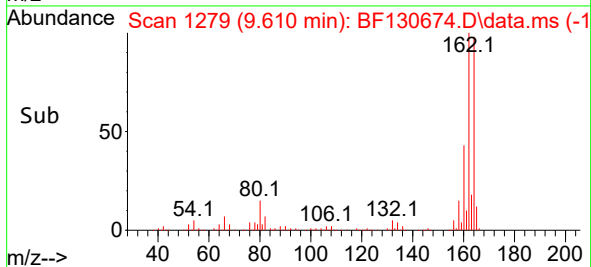
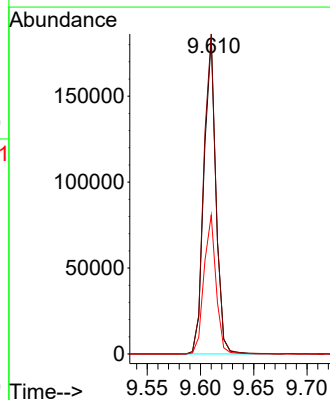
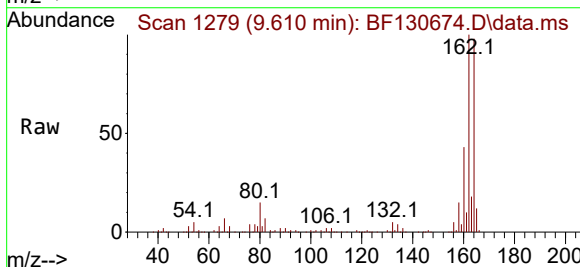
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ClientSampleId :
SB-06-COMP

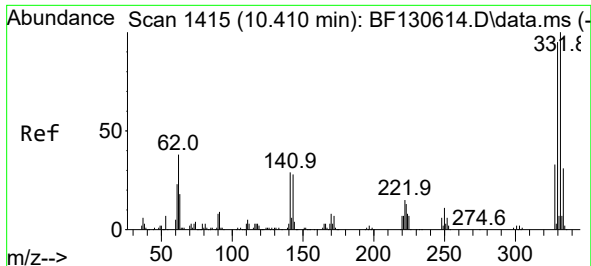
Tgt Ion: 82 Resp: 329878
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:164 Resp: 143980
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 44.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 108.482 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130674.D

Acq: 14 Oct 2022 19:49

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

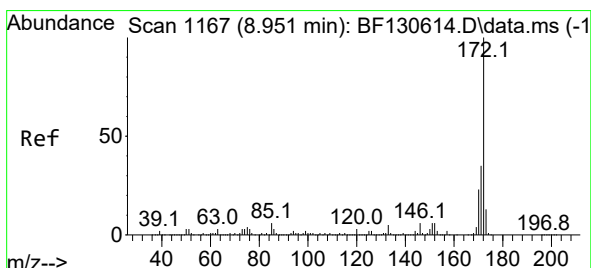
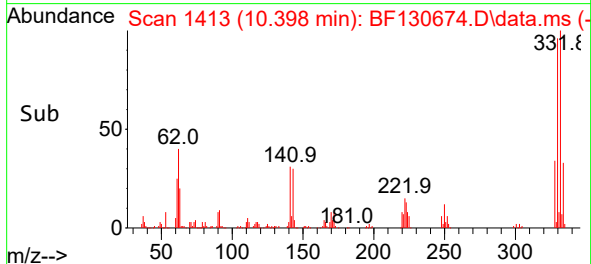
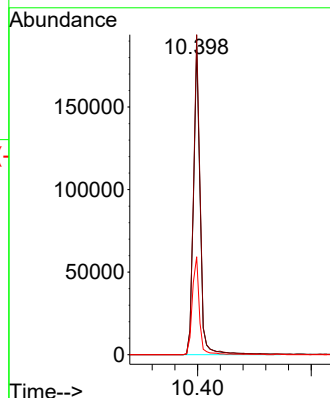
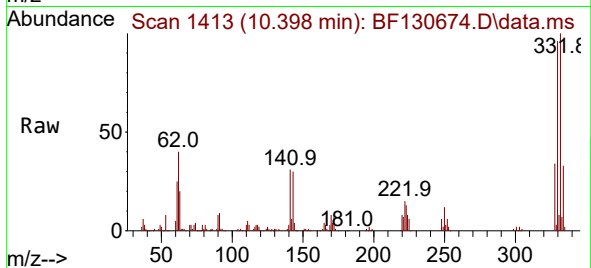
Tgt Ion:330 Resp: 152834

Ion Ratio Lower Upper

330 100

332 102.9 84.2 126.4

141 33.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 66.619 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130674.D

Acq: 14 Oct 2022 19:49

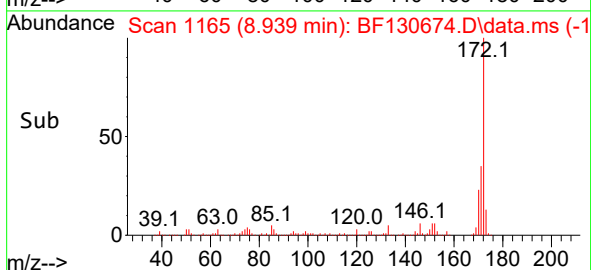
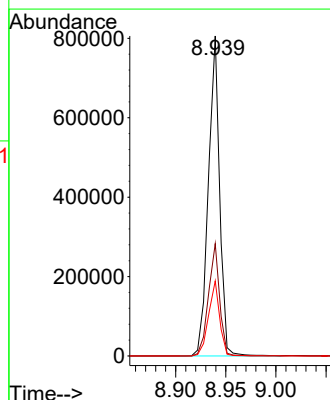
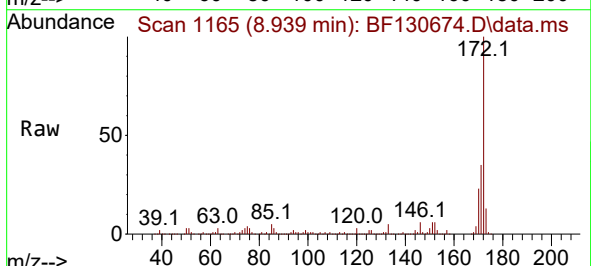
Tgt Ion:172 Resp: 633229

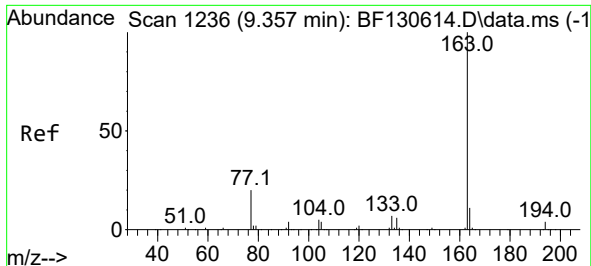
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.5 18.6 27.8

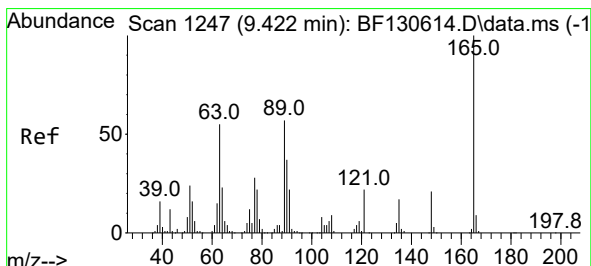
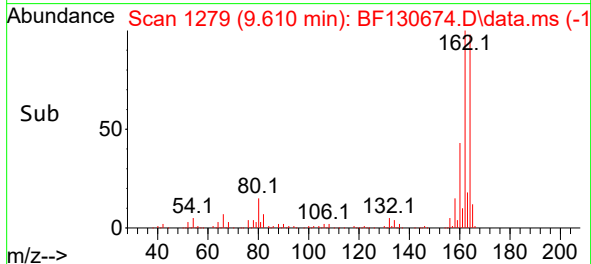
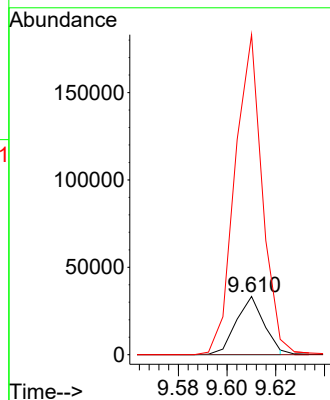
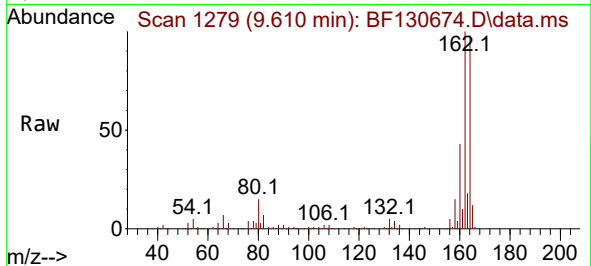




#50
Dimethylphthalate
Concen: 2.670 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

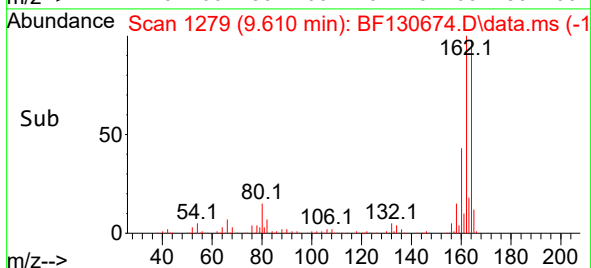
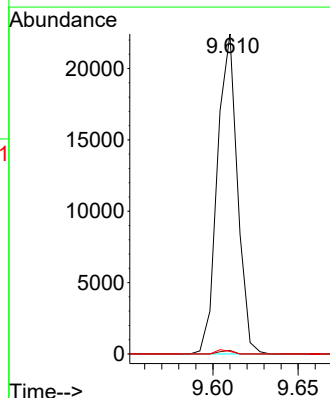
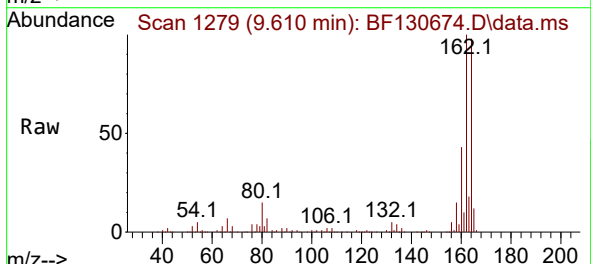
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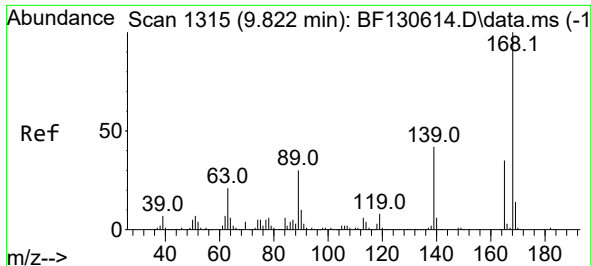
Tgt Ion:163 Resp: 26614
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 549.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:165 Resp: 18359
Ion Ratio Lower Upper
165 100
63 1.1 45.3 67.9#
89 0.8 45.6 68.4#

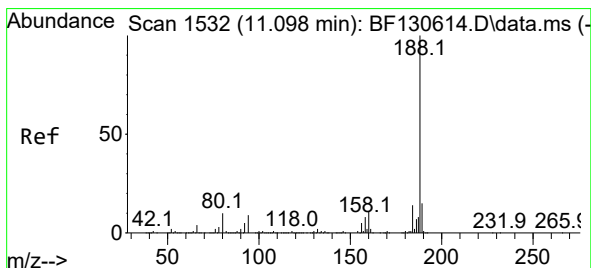
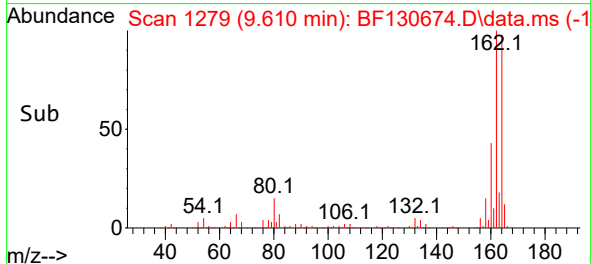
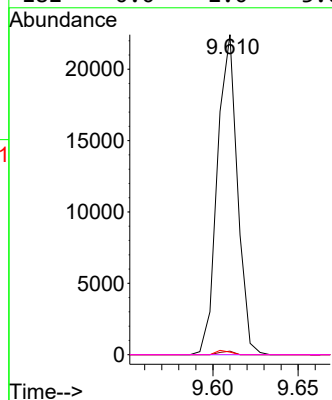
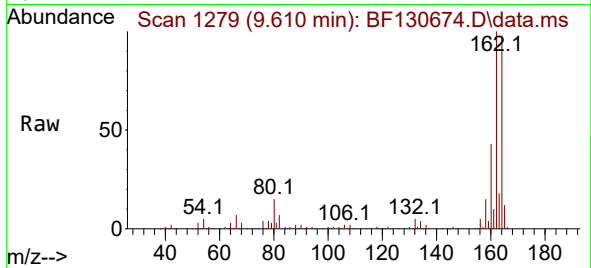




#57
2,4-Dinitrotoluene
Concen: 6.534 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

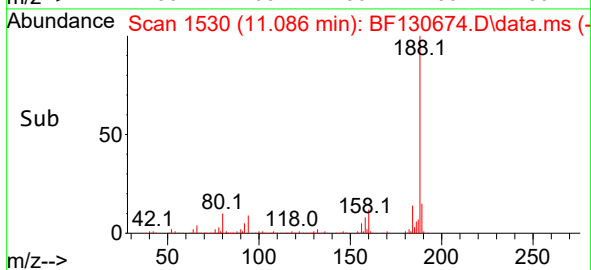
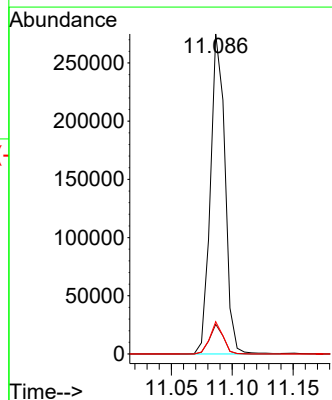
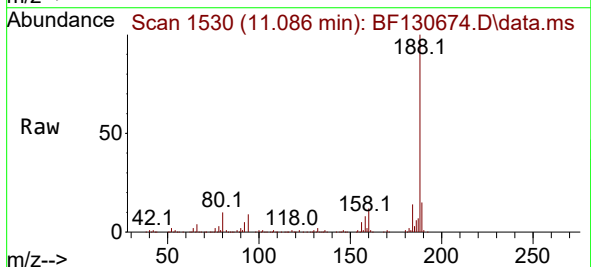
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

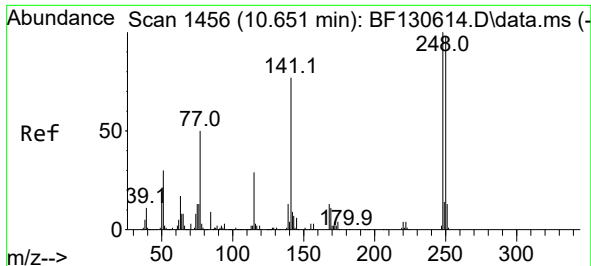
Tgt Ion:165 Resp: 18359
Ion Ratio Lower Upper
165 100
63 1.1 50.6 76.0#
89 0.8 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:188 Resp: 229524
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.1 8.0 12.0

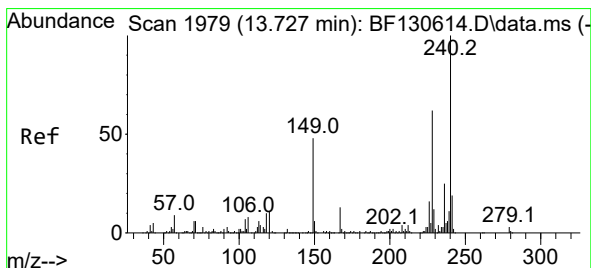
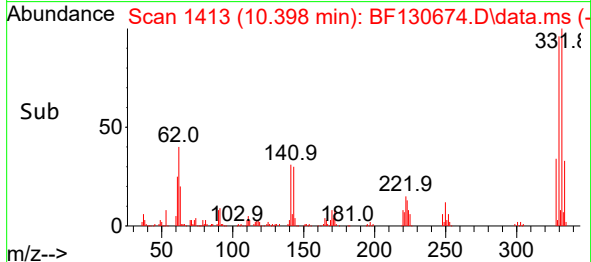
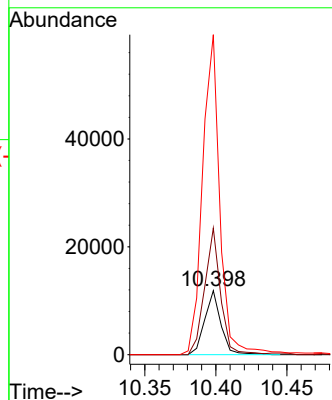
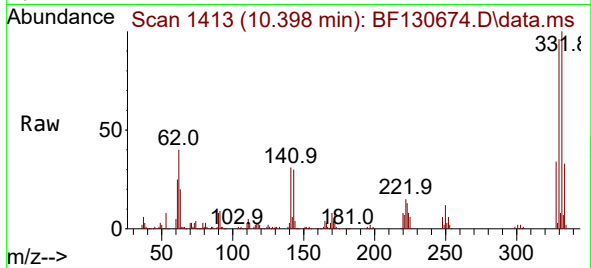




#67
4-Bromophenyl-phenylether
Concen: 3.625 ng
RT: 10.398 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

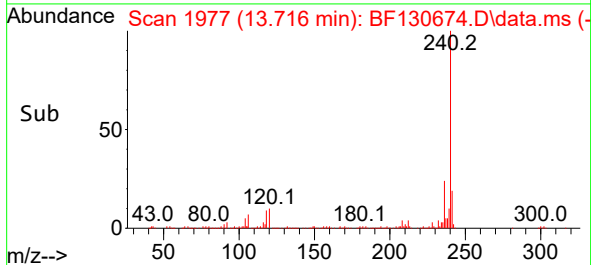
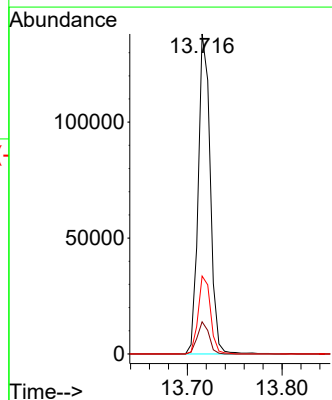
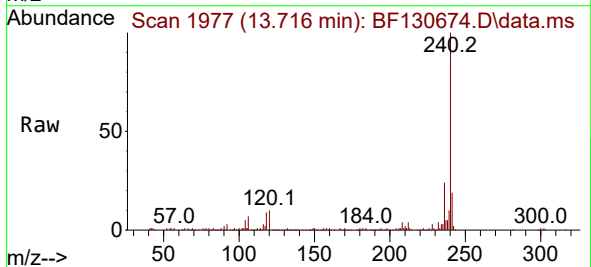
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

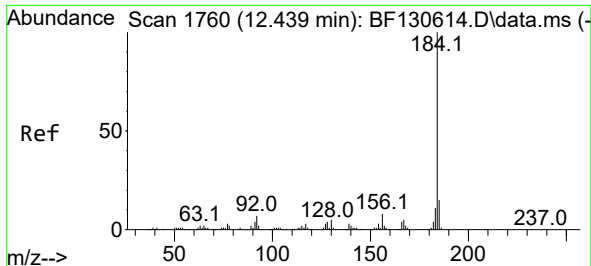
Tgt Ion:248 Resp: 9413
Ion Ratio Lower Upper
248 100
250 197.9 78.7 118.1#
141 500.1 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.716 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:240 Resp: 121882
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 24.3 20.2 30.4

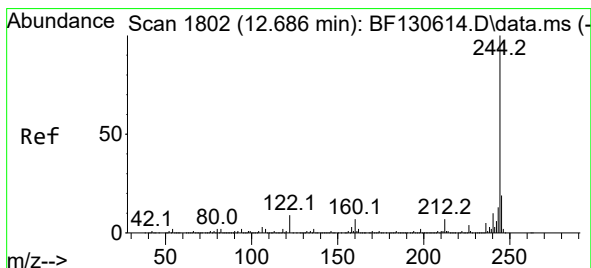
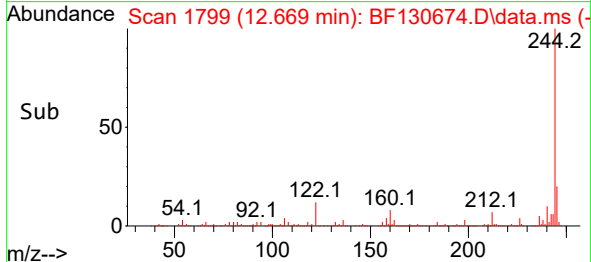
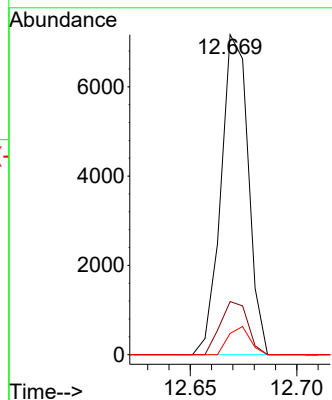
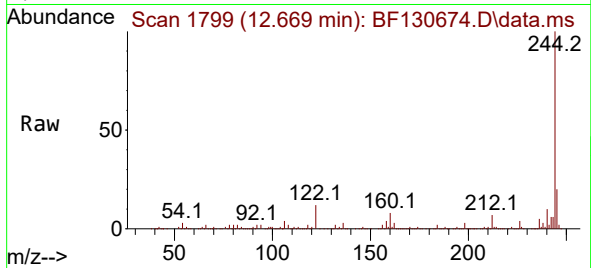




#77
Benzidine
Concen: 2.077 ng
RT: 12.669 min Scan# 1760
Delta R.T. 0.230 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

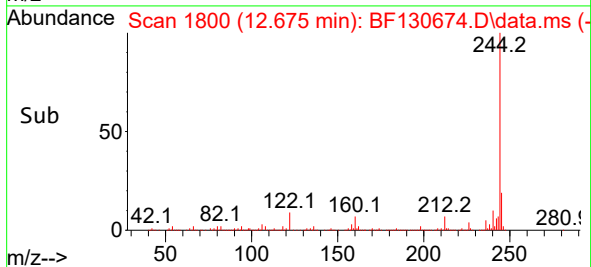
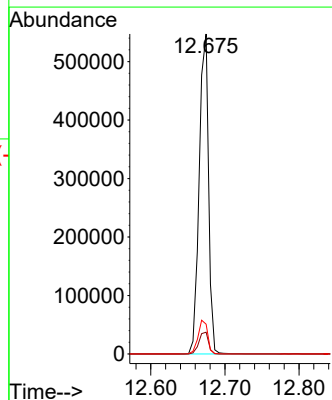
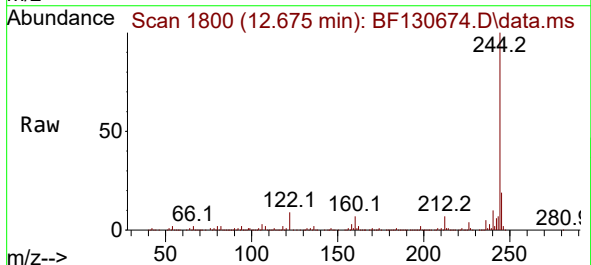
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

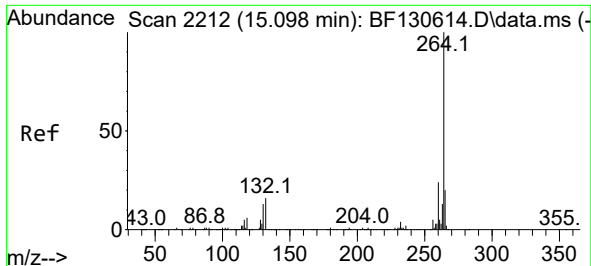
Tgt Ion:184 Resp: 6399
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 6.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 65.178 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:244 Resp: 478630
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.3 7.5 11.3

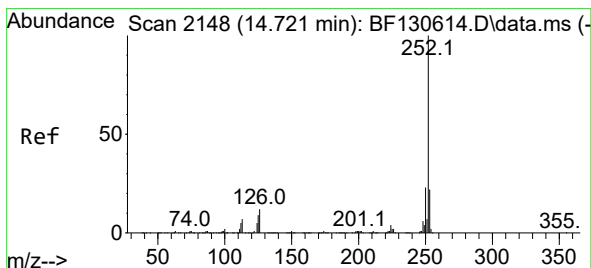
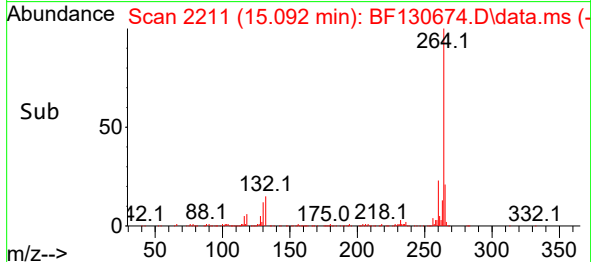
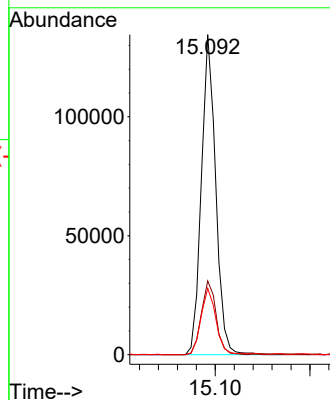
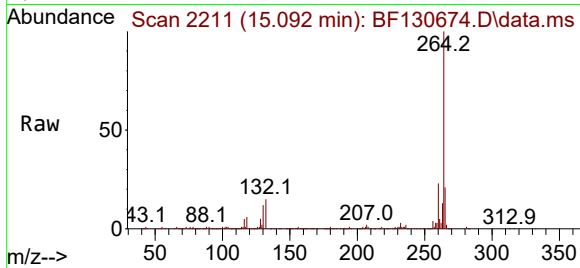




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

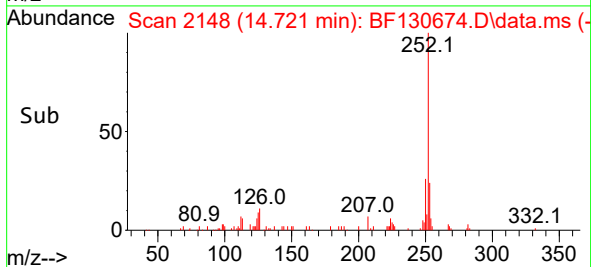
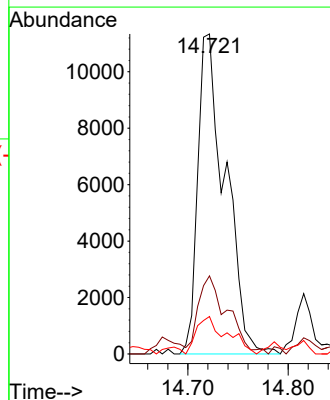
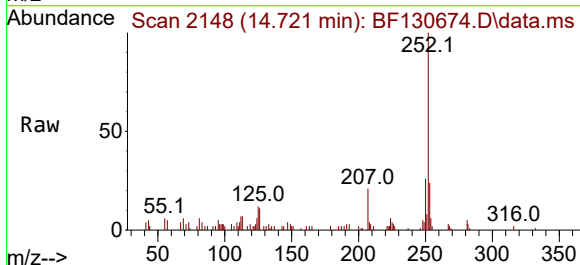
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

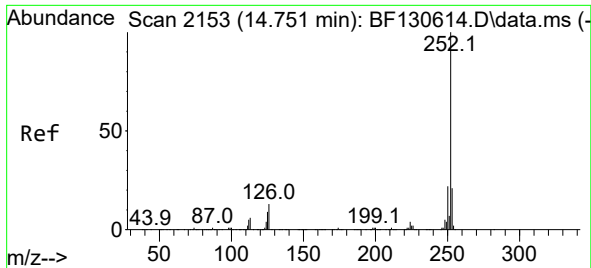
Tgt Ion:264 Resp: 141899
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.8 16.4 24.6



#88
Benzo(b)fluoranthene
Concen: 2.410 ng
RT: 14.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF130674.D
Acq: 14 Oct 2022 19:49

Tgt Ion:252 Resp: 21652
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 11.7 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 2.367 ng

RT: 14.721 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF130674.D

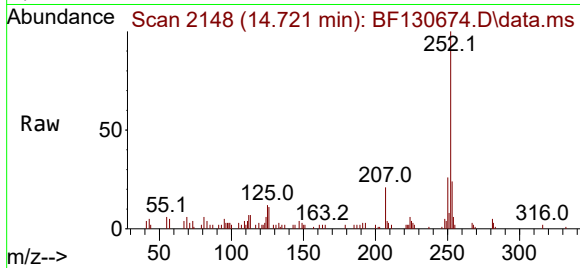
Acq: 14 Oct 2022 19:49

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP



Tgt Ion:252 Resp: 21652

Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

125 11.7 7.2 10.8#

