

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130672.D
 Acq On : 14 Oct 2022 18:43
 Operator : CG\JU
 Sample : N5140-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Oct 17 02:22:59 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)

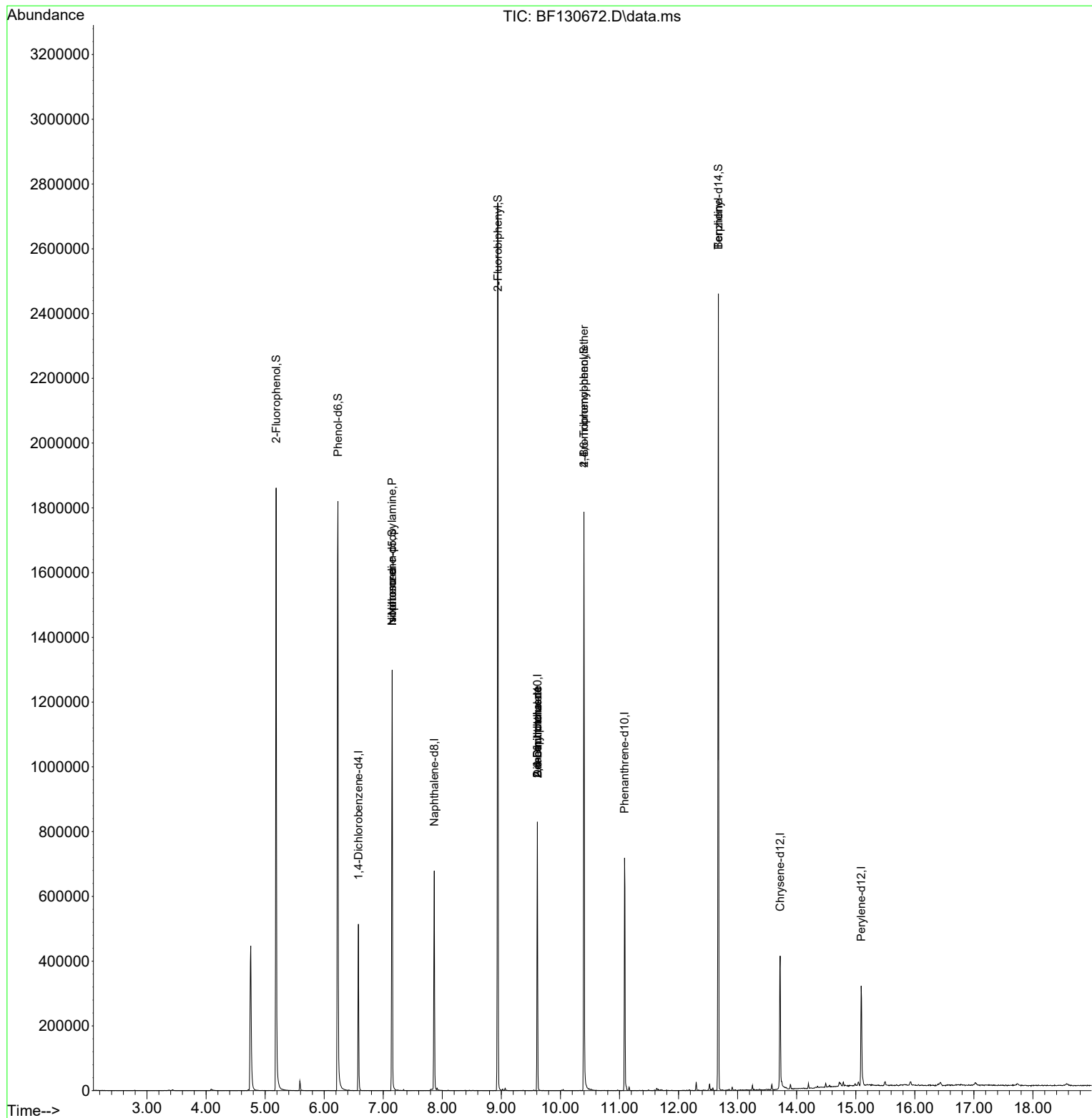
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	71571	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	288318	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	154675	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	263205	20.000	ng	-0.01
76) Chrysene-d12	13.721	240	136018	20.000	ng	0.00
86) Perylene-d12	15.092	264	133555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	522261	131.534	ng	0.00
7) Phenol-d6	6.234	99	670854	134.383	ng	0.00
23) Nitrobenzene-d5	7.151	82	415596	78.690	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	209540	138.449	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	819418	80.246	ng	-0.01
79) Terphenyl-d14	12.674	244	770063	93.965	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	55760	17.313	ng	# 79
25) Isophorone	7.151	82	415592	47.279	ng	# 64
50) Dimethylphthalate	9.610	163	28439	2.656	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	19690	8.384	ng	# 24
57) 2,4-Dinitrotoluene	9.610	165	19690	6.523	ng	# 14
67) 4-Bromophenyl-phenylether	10.398	248	12206	4.099	ng	# 1
77) Benzidine	12.674	184	10685	3.108	ng	# 90

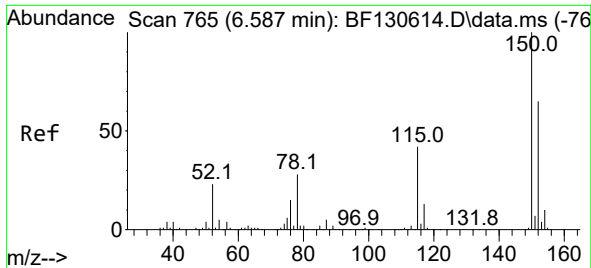
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
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QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

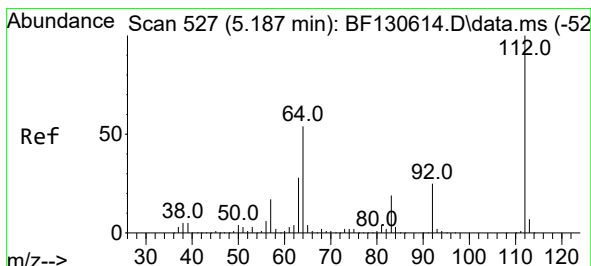
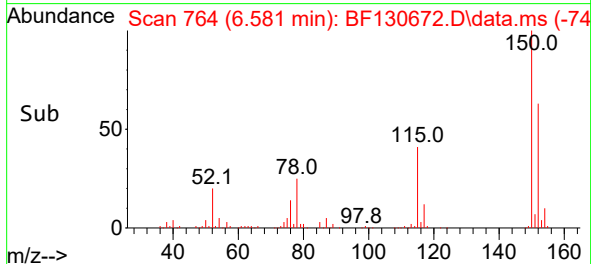
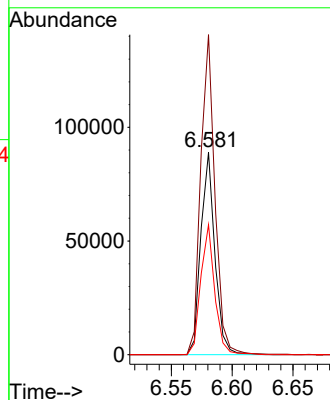
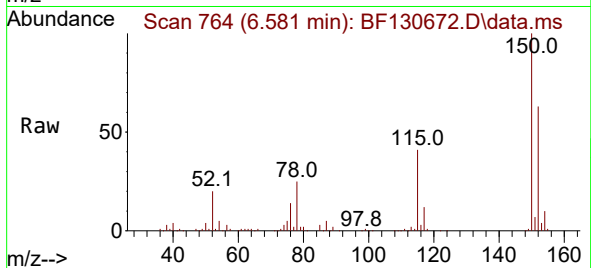




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

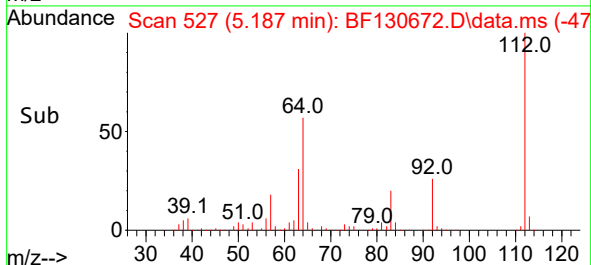
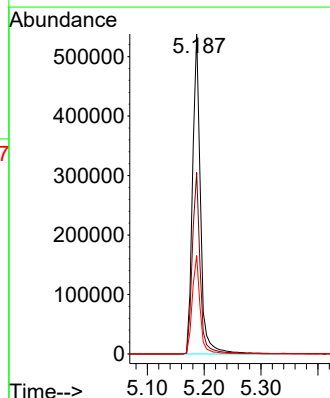
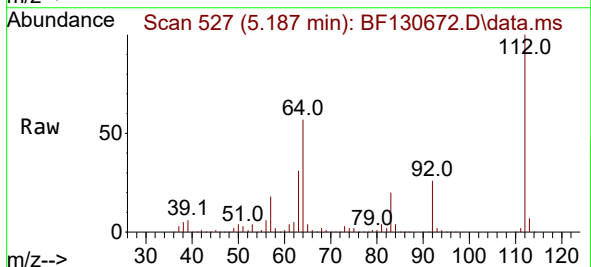
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

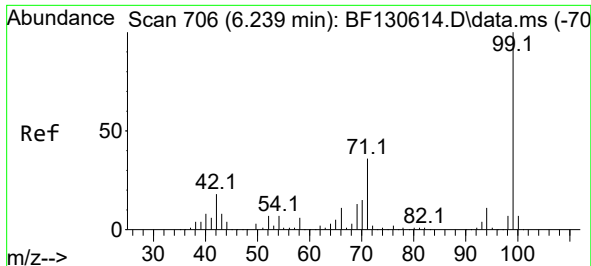
Tgt Ion:152 Resp: 71571
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 64.2 52.2 78.4



#5
2-Fluorophenol
Concen: 131.534 ng
RT: 5.187 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion:112 Resp: 522261
Ion Ratio Lower Upper
112 100
64 56.7 43.5 65.3
63 30.7 22.6 34.0

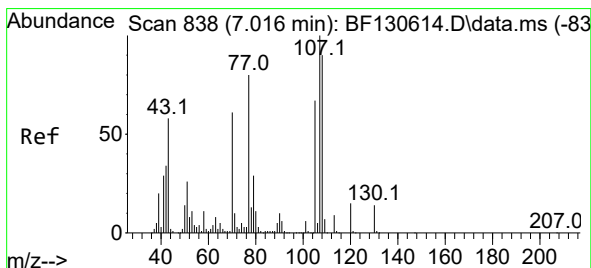
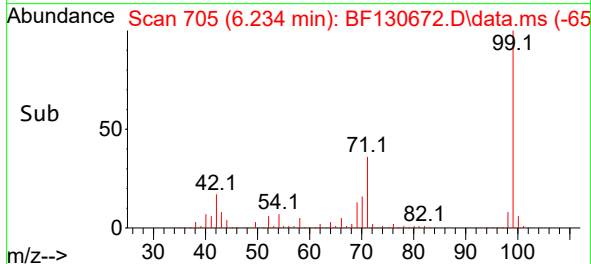
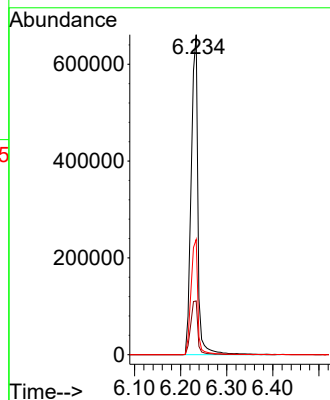
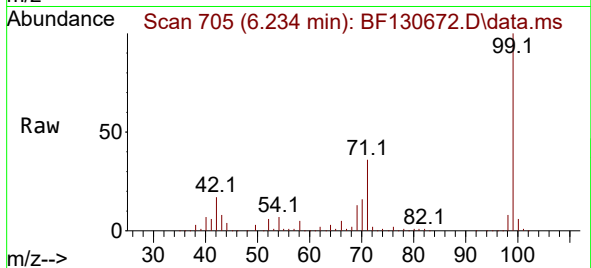




#7
Phenol-d6
Concen: 134.383 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

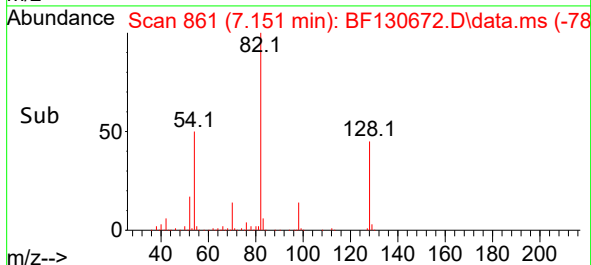
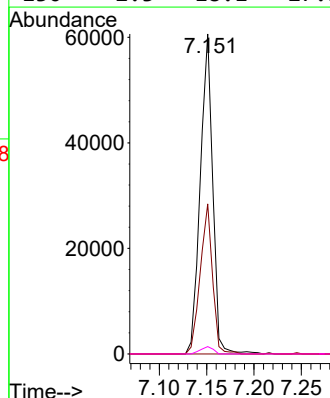
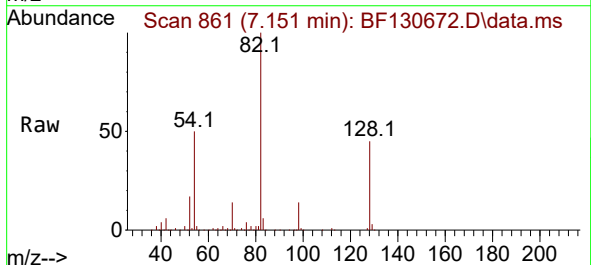
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

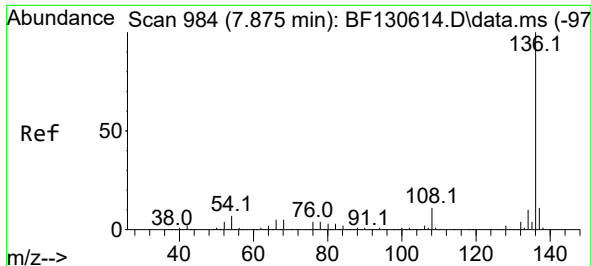
Tgt Ion: 99 Resp: 670854
Ion Ratio Lower Upper
99 100
42 16.8 14.0 21.0
71 36.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.313 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion: 70 Resp: 55760
Ion Ratio Lower Upper
70 100
42 46.9 44.3 66.5
101 0.0 7.9 11.9#
130 2.3 18.1 27.1#



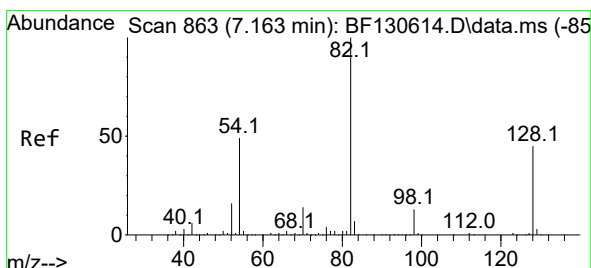
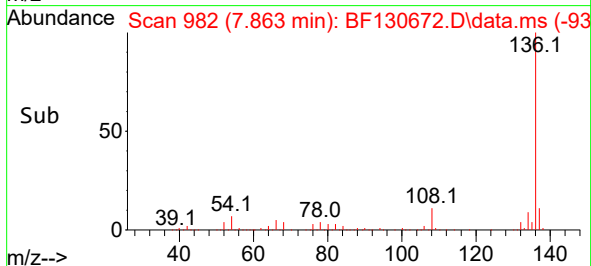
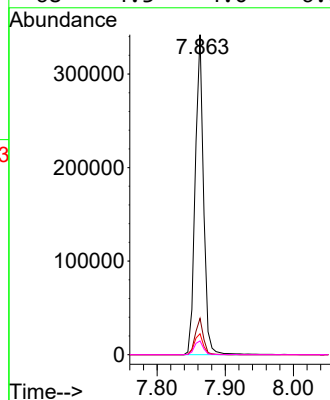
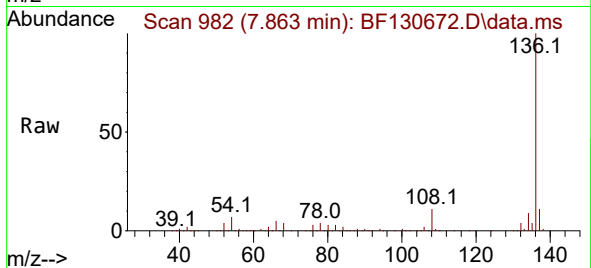


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:136 Resp: 288318

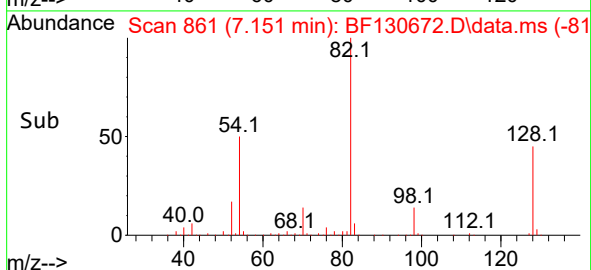
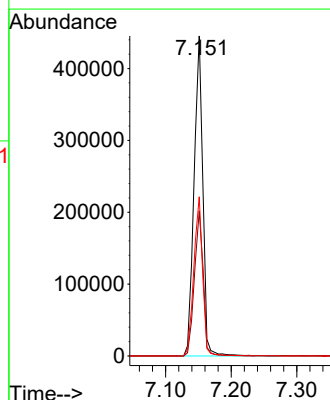
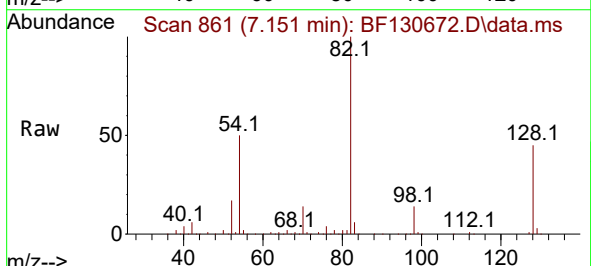
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	6.5	5.5	8.3
68	4.3	4.0	6.0

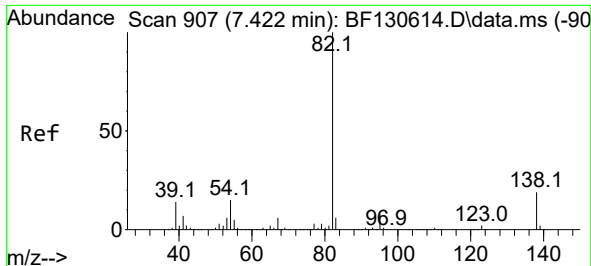


#23
Nitrobenzene-d5
Concen: 78.690 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion: 82 Resp: 415596

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.6
54	49.8	39.3	58.9

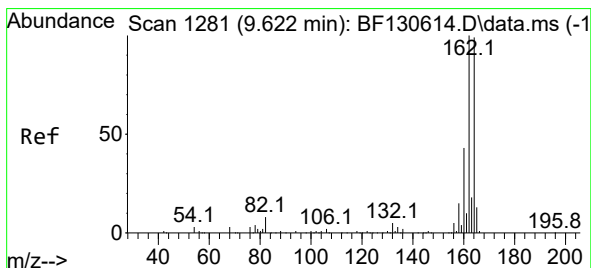
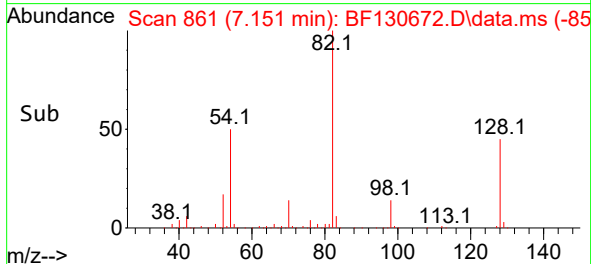
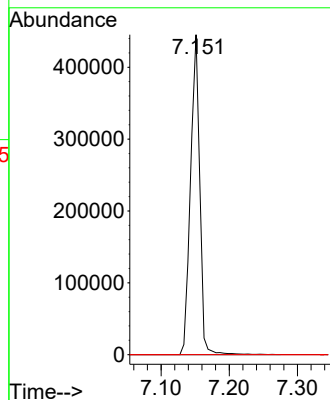
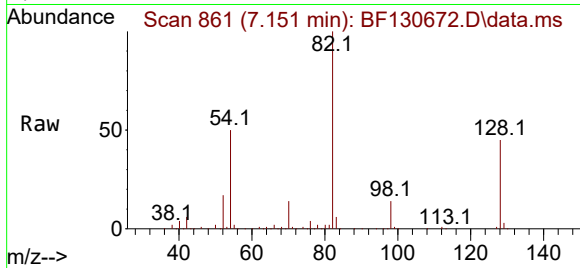




#25
Isophorone
Concen: 47.279 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

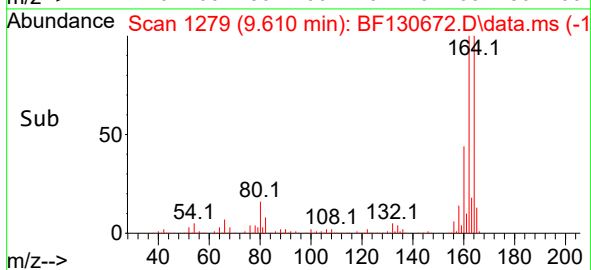
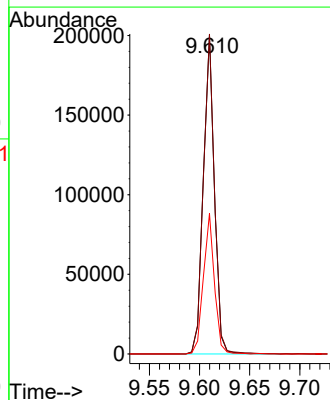
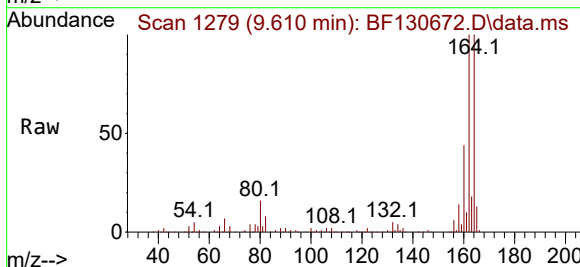
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

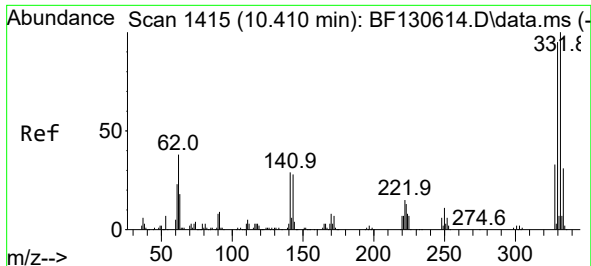
Tgt Ion: 82 Resp: 415592
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion:164 Resp: 154675
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 138.449 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130672.D

Acq: 14 Oct 2022 18:43

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

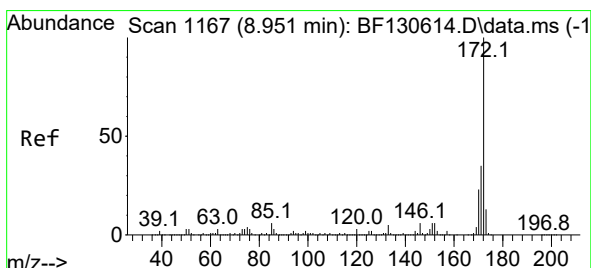
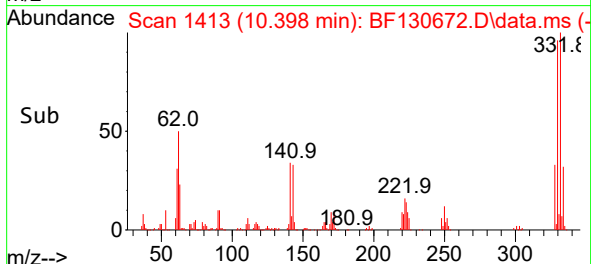
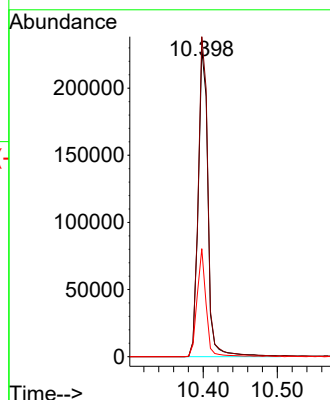
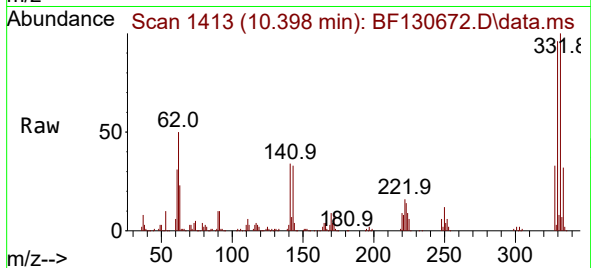
Tgt Ion:330 Resp: 209540

Ion Ratio Lower Upper

330 100

332 103.1 84.2 126.4

141 32.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 80.246 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130672.D

Acq: 14 Oct 2022 18:43

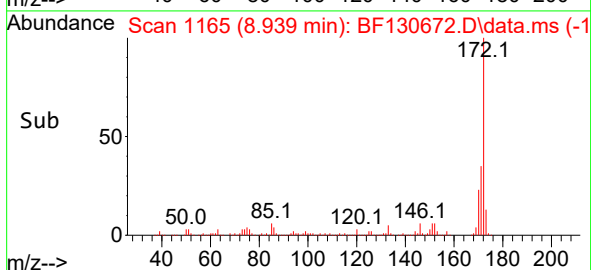
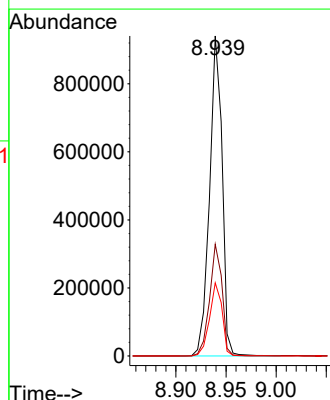
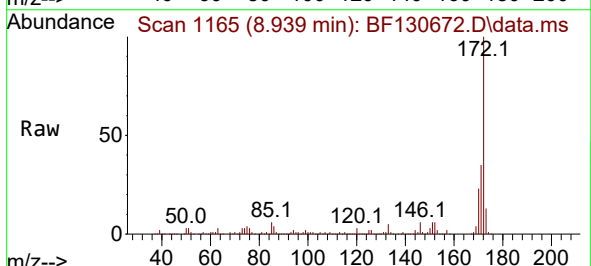
Tgt Ion:172 Resp: 819418

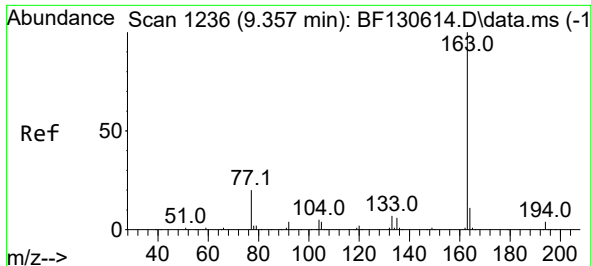
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 22.9 18.6 27.8

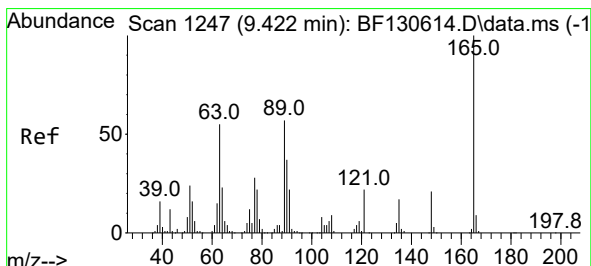
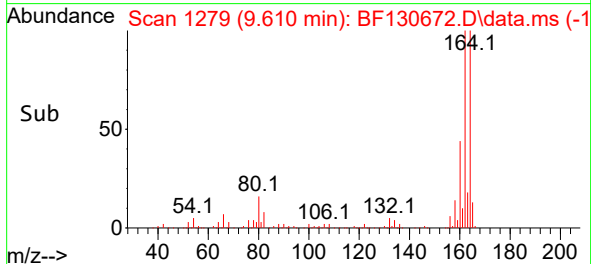
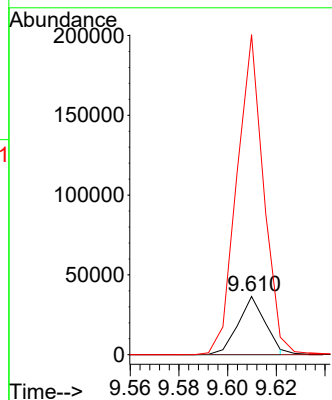
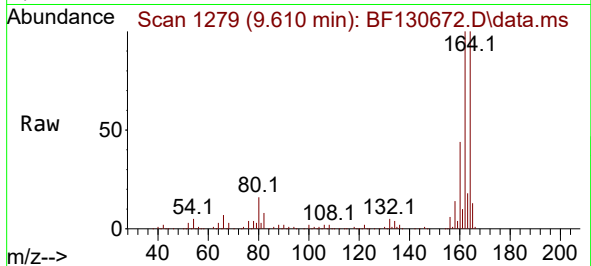




#50
Dimethylphthalate
Concen: 2.656 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

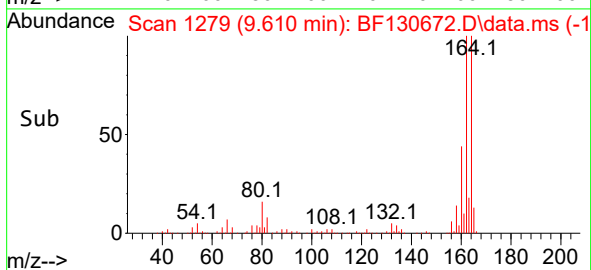
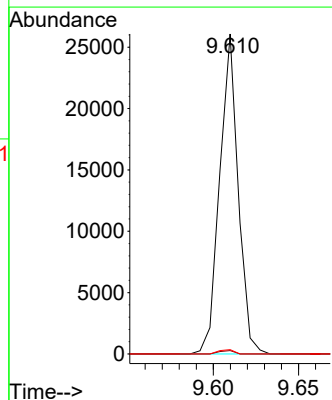
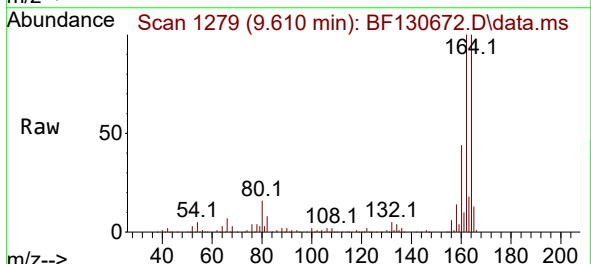
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SB-03-COMP

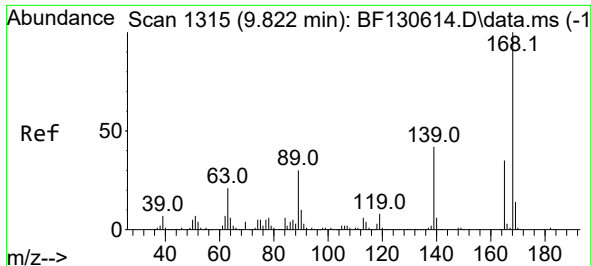
Tgt Ion:163 Resp: 28439
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 549.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.384 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion:165 Resp: 19690
Ion Ratio Lower Upper
165 100
63 1.1 45.3 67.9#
89 1.3 45.6 68.4#

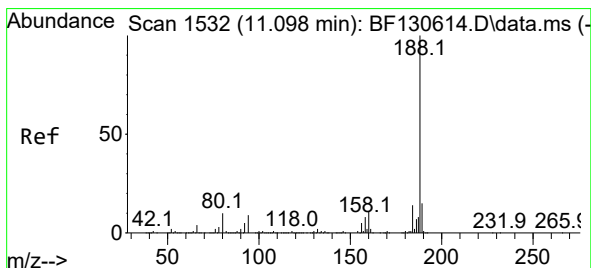
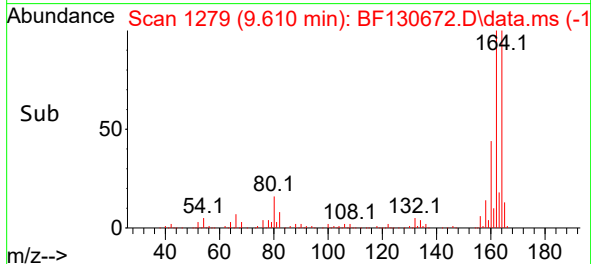
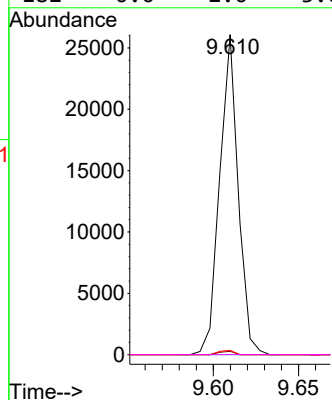
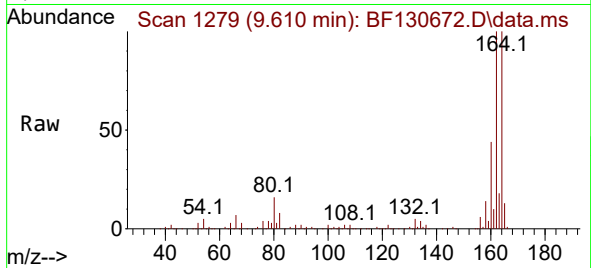




#57
2,4-Dinitrotoluene
Concen: 6.523 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

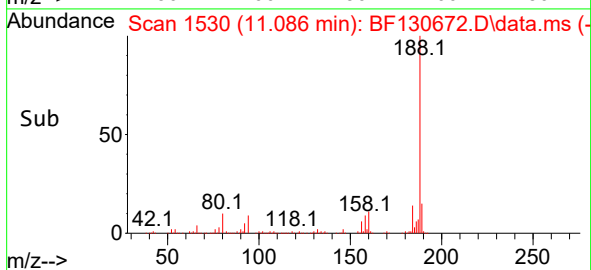
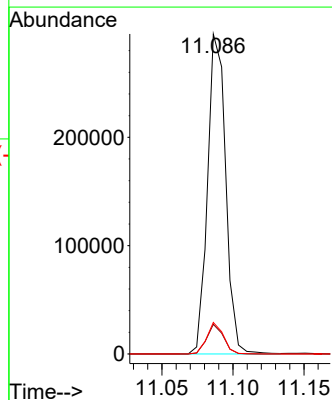
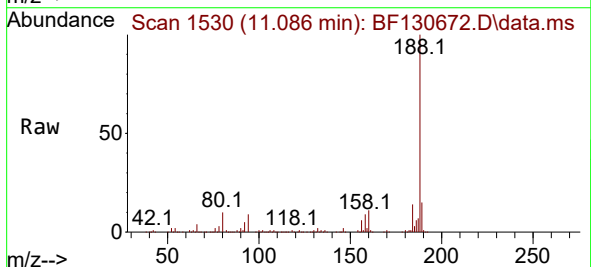
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

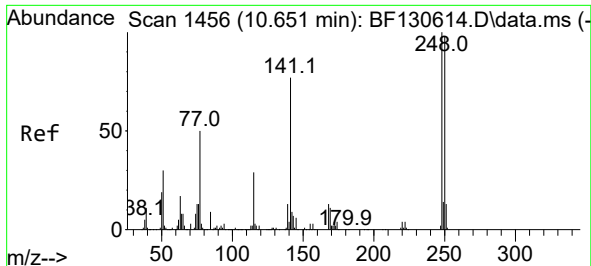
Tgt Ion:165 Resp: 19690
Ion Ratio Lower Upper
165 100
63 1.1 50.6 76.0#
89 1.3 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion:188 Resp: 263205
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.0 12.0

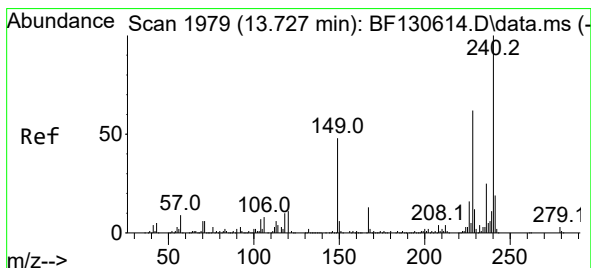
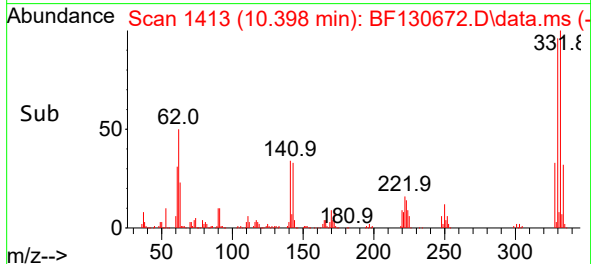
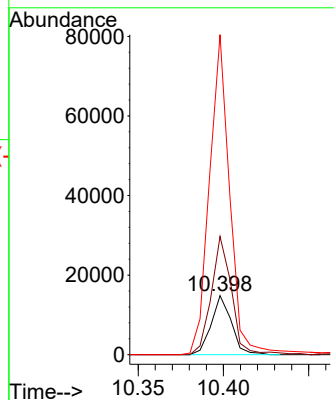
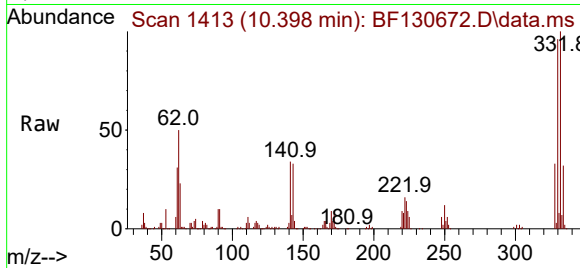




#67
4-Bromophenyl-phenylether
Concen: 4.099 ng
RT: 10.398 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

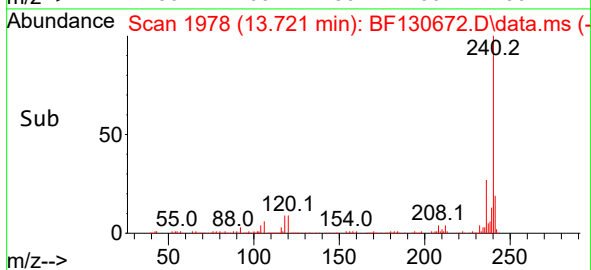
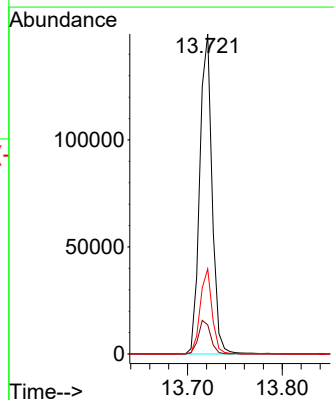
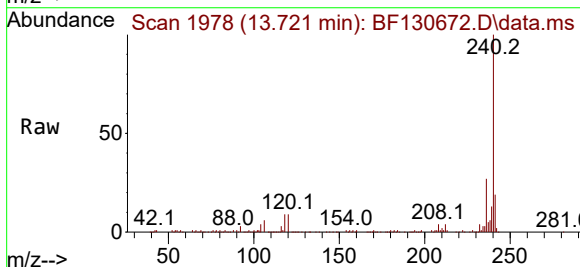
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

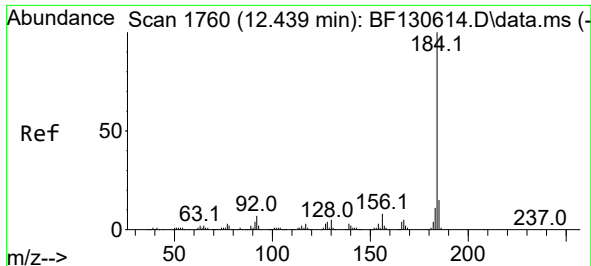
Tgt Ion:248 Resp: 12206
Ion Ratio Lower Upper
248 100
250 200.2 78.7 118.1#
141 541.6 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion:240 Resp: 136018
Ion Ratio Lower Upper
240 100
120 9.1 8.6 13.0
236 26.6 20.2 30.4

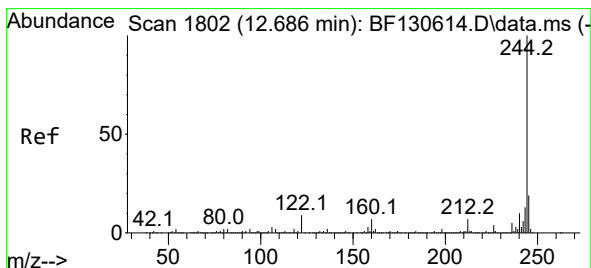
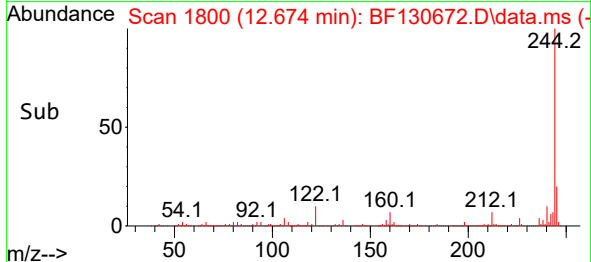
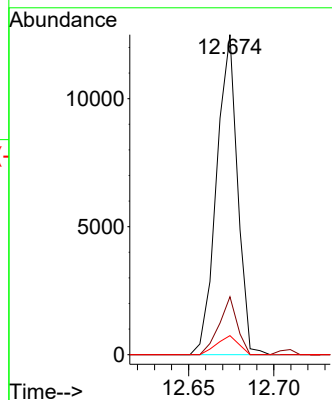
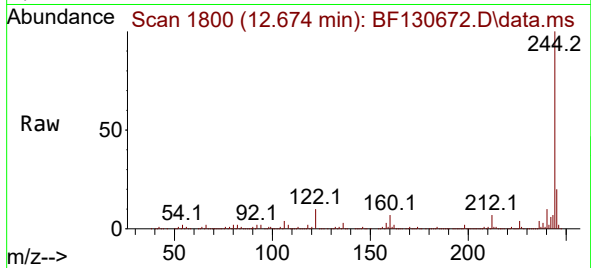




#77
Benzidine
Concen: 3.108 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.235 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

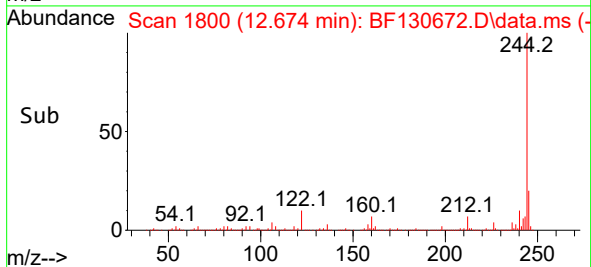
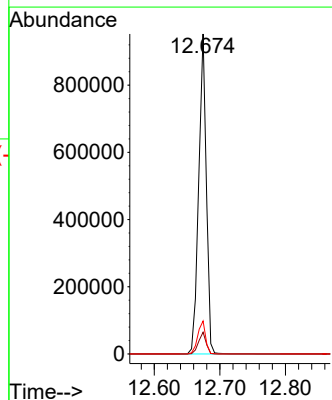
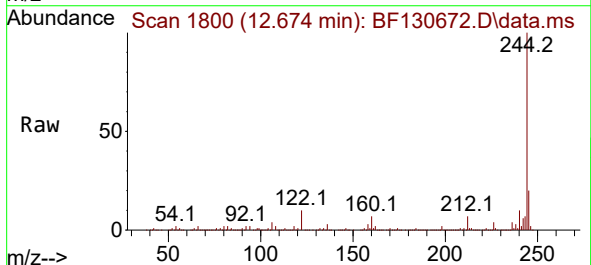
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

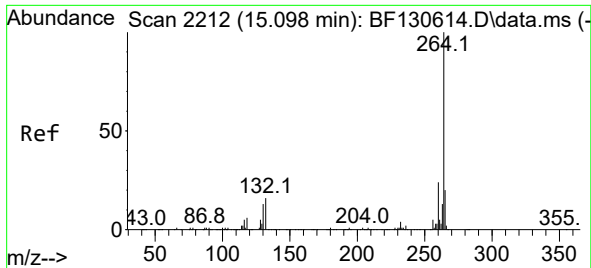
Tgt Ion:184 Resp: 10685
Ion Ratio Lower Upper
184 100
185 18.1 12.0 18.0#
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 93.965 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130672.D
Acq: 14 Oct 2022 18:43

Tgt Ion:244 Resp: 770063
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.3 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: BF130672.D
Acq: 14 Oct 2022 18:43

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:264 Resp: 133555
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 22.3 16.4 24.6

